

MORE PEOPLE BUY AND
FLY CESSNA AIRPLANES
THAN ANY OTHER MAKE

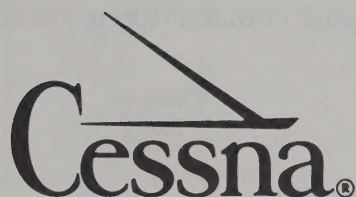
WORLD'S LARGEST PRO-
DUCER OF GENERAL
AVIATION AIRCRAFT
SINCE 1956

ELECTRONIC Installations

FOR
1969 THRU 1970
P206 & TP206 MODELS,
ALL
1971 & ON
U206 MODELS,
AND
1969 THRU 1972
177RG, 182, 210 & 337
MODEL SERIES



SERVICE/ PARTS MANUAL



AIRCRAFT COMPANY

COMMERCIAL AIRCRAFT DIVISION

Wichita, Kansas

NOTE

This Electronics Installations Service/Parts Manual describes electronic installations for 1969 thru 1970 P206 & TP206 Models, all 1971 & on U206 Models, and 1969 thru 1972 177RG, 182, 210 & 337 Model Series.

Refer to the Electronics Installations Service/Parts Manual, dated 1 July 1968, for coverage of 1967 and 1968 models. Refer to the Electronics Installations Service/Parts Manual, dated 1 January 1966, for coverage of 1963 thru 1966 models. Refer to the Electronics Parts Catalog and Electronics Maintenance Manual, dated 1 May 1962, for coverage prior to 1963 models.

This Manual supersedes and replaces D898-13, dated 15 May 1971.

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Upon receipt of the second and subsequent changes to this book, personnel responsible for maintaining this publication in current status should ascertain that all previous changes have been received and incorporated.

* The asterisk indicates pages changed, added, or deleted by the current change.

CROSS REFERENCE LISTING OF POPULAR NAME VS. MODEL NUMBERS AND SERIALS

All aircraft, regardless of manufacturer, are certificated under model number designations. However, popular names are often used for marketing purposes. To provide a consistent method of referring to the various aircraft, model numbers will be used in this publication unless names are required to differentiate between versions of the same basic model. The following table provides a cross-reference listing of popular name vs. model numbers.

POPULAR NAME	MODEL YEAR	MODEL	SERIALS	
			BEGINNING	ENDING
CARDINAL RG	1971 1972	177RG 177RG	177RG0001 177RG0213	177RG0212
REIMS/CESSNA CARDINAL RG	1971 1972	F177RG F177RG	F177RG0001 F177RG0043	F177RG0042
182 OR SKYLANE	1969 1970 1971 1972	182M 182N 182N 182P	18259306 18260056 18260446 18260826	18260055 18260445 18260825
A-182	*1967 **1968 †1970	A182K A182L A182N	A182-0057 A182-0097 A182-0117	A182-0096 A182-0116 A182-0136
SUPER SKYLANE	1969 1970	P206D P206E	P206-0520 P20600604	P206-0603 P20600648
TURBO SUPER SKYLANE	1969 1970	TP206D TP206E	TP206-0520 TP20600604	TP206-0603 TP20600648
STATIONAIR	1971 1972	U206E U206F	U2061588 U20601701	U20601700
TURBO STATIONAIR	1971 1972	TU206E TU206F	TU2061588 TU20601701	TU20601700
CENTURION OR CENTURION II	1969 1970 1971 1972	210J 210K 210K 210L	21059062 21059200 21059352 21059503	21059199 21059351 21059502
TURBO CENTURION OR TURBO CENTURION II	1969 1970 1971 1972	T210J T210K T210K T210L	T210-0393 T21059200 T21059352 T21059503	T210-0454 T21059351 T21059502
SUPER SKYMASTER	1969 1970 1971 1972	337D 337E 337F 337F	337-0979 33701194 33701317 33701399	337-1193 33701316 33701398
TURBO SUPER SKYMASTER	1969 1970 1971 1972	T337D T337E T337F T337F	T337-0979 T33701194 T33701317 T33701399	T337-1193 T33701316 T33701398
REIMS/CESSNA SUPER SKYMASTER	1970 1971 1972	F337E F337F F337F	F33700001 F33700025 F33700046	F33700024 F33700045
REIMS/CESSNA TURBO SUPER SKYMASTER	1970 1971	FT337E FT337F	FT33700001 FT33700025	FT33700024 FT33700045

*1967 Models Manufactured in 1969 Model-Year.

**1968 Models Manufactured in 1970 Model-Year.

†1970 Models Manufactured in 1971 Model-Year.

FOREWORD

This manual provides the radio service technician with service information, illustrated parts breakdown and wiring diagrams pertaining to electronic equipment installed in Cessna 182, P206, 210 & 337 series aircraft. The catalog is separated into the following eight sections:

- Section I -Cessna Crafted Radio Equipment
- Section II -Vendor Crafted Radio Equipment
- Section III -Antenna Systems
- Section IV -Audio Systems
- Section V -Miscellaneous Electronic Equipment
- Section VI -Electronic Loading Charts
- Section VII -Electronic Wiring Diagrams
- Section VIII -Numerical Index

The table of contents will enable the readers to find the information necessary to check wiring installations and parts required for any particular radio.

STANDARD PARTS.

Many parts having standard usage have been incorporated into the Cessna Standard System. Parts in this group are designated with the part number prefix "S."

For standard hardware items such as Tinnerman nuts, clamps, etc., "AN" and "NAS" numbers have been used.

USABLE ON CODES....Serial listings in this catalog are noted by a letter code located in the usable on code column which is the extreme right hand column of the parts list page. Usable on codes are applicable only to the figure on which they appear. The code letters and the serials to which they apply are listed at the end of the figure.

If no usable on code appears opposite a first column listing of the figure, the usage is applicable to all models and serials covered by this catalog. If no usable on code appears opposite any indented listing, the usage is applicable to all models and serials covered by the figure on which it appears.

NON-INTERCHANGEABLE PARTS....When parts are not interchangeable with earlier models, all parts applicable to the particular usage are listed. The letter code for the individual part usage is listed in the usable on column opposite each part. Care should be exercised in determining proper serial when ordering to insure receipt of correct part.

INTERCHANGEABLE PARTS....When a later design part is completely interchangeable with the part it replaces, both parts will be serialized and the notation "when exhausted use ____" will be entered following the listing of the earlier design part. This means that the earlier design part should be used on airplanes to which they apply until the supply of these parts is exhausted---after which time the later design part must be used. This is done to simplify stocking of parts by our distributors and dealers. The earlier part is as good, physically and functionally, as the later design part---the difference being the later design part can be used on more than one block of airplane serials.

SYMBOLS & PART NUMBER TERMS.

NP - The symbol "NP" appearing in the units per assembly column denotes that the item it appears opposite is not procurable.

AR - The symbol "AR" appearing in the units per assembly column denotes "As Required" and is used to indicate bulk quantity when an indefinite amount is used.

ALT - The symbol "ALT" following the nomenclature of an item is used to denote an alternate part.

LH & RH - The symbols either LH or RH are used following the part nomenclature to denote either left hand or right hand parts.

Other key letter symbols spaced apart from and following the part nomenclature are for cataloging and manufacturing purposes only and are not to be considered by the customer.

A blank entry in the part number column appears before an unprocurable part or installation which is also denoted in the "Units Per Assembly" column by the use of the symbol "NP."

GROUP ASSEMBLY PARTS LIST ARRANGEMENT.

This section lists all replaceable items in the airplane and these items are detailed on illustrations throughout the section. The index numbers on the illustration are keyed to each accompanying parts list. The purpose of the index numbers is to provide complete and positive identification of the article, but should not be used for procurement purposes.

- a. The figure and index number column of the parts list shows the figure number once at the beginning of the list. The figure number is followed by a dash and the indexed number. The remaining index numbers are preceded by dash only.
- b. The part number column identifies the item by part number.
- c. In the description column, relationship of items covered is shown by the degree of indentation of each item, for example: The radio installation (Figure 1-1) is listed in column (1) of the description column. The receiver is the next lower assembly and is therefore listed in column (2).
- d. If two or more assemblies contain a majority of identical parts or the assemblies are left or right hand, the assemblies are listed together and the next lower assemblies or detail parts are listed as common for both assemblies, with the differing parts coded for usage on the correct major assembly.
- e. Attaching parts are listed immediately beneath the item to be attached and preceding any detail parts of the item. They are listed in the same column as the item they attach and are preceded by the caption "Attaching Parts." The end of the attaching parts listing is followed by a separating symbol
----*----
- f. The quantity listed in the "Units Per Assembly" column for attaching parts denotes the total quantity necessary to attach only one part. Total quantity necessary to attach more than one part is obtained by multiplying the attaching parts quantity by the number of parts attached.

- g. Component parts of the complete airplane which are not included in any assembly, but which are used in conjunction with, or attach to certain assemblies, are listed either preceding the first detail or following the last detail of the assembly or installation, and in the same column as the major assembly or installation.
- h. The quantities listed in the "Units Per Assembly" column are the quantity used per figure.

ACCESSORY KITS.

This catalog describes the factory installation of the equivalent field installation AK Kit and the factory installation is considered standard and illustrated as such.

For information regarding peculiarities of field installation kits consult the applicable AK Kit installation called out in the Accessory Kit Catalog.

BULK ITEMS.

Certain items such as coaxial cable, antenna wire, clamps etc., are noted in the catalog listings as bulk items. When an item is listed as a bulk item, it will be supplied to the dealer in the most convenient bulk length or quantity. Reference to the cut length or quantity per installation provides for the most satisfactory disbursement to the customer.

HOW TO ORDER.

USE YOUR CATALOG TO ORDER PARTS. Use Parts and Accessories Order Form Number P-101A, P-102, or P-103, whichever applies and which will be supplied by Cessna on request. Give complete information on addresses and make sure the part number and part name are as shown in the catalog. Be sure

to specify quantities. Specify how the order is to be shipped, otherwise it will be sent out in the manner that seems best to the shipper.

SERIAL, COLOR, & CORROSION PROOFING.

Be sure to indicate model and serial number of the airplane. Serial number is very important to properly identify parts used on each airplane, when color is involved. Be sure to specify what color. If corrosion proofing is desired add the letters "CP" following the part number.

DISTRIBUTION ORDERS.

Distribution will send all orders to the factory with instructions as to the shipping destination. The factory prefers not to make C.O.D. shipments for the distributor and all billing will be made to the distributor in the case of direct shipments.

DEALER ORDERS.

Dealers will place all of their parts order requirements with their distributor. The factory will not honor orders received directly from a dealer. It will be necessary for us to forward it to the distributor for his action. Therefore, dealer orders sent direct to the distributor will result in much faster delivery on any parts that are required.

RETAIL ORDERS.

Retail orders will not be honored by the factory. They are to be placed with the dealer or distributor in the owner's territory and when received directly by the factory will be forwarded to the distributor from whose territory it was received. Considerable saving in time will result to the owner if his orders are placed with his dealer or distributor.

NOTE

Cessna Aircraft Company reserves the right to cancel, add or change the parts and assemblies described in this catalog without notice.

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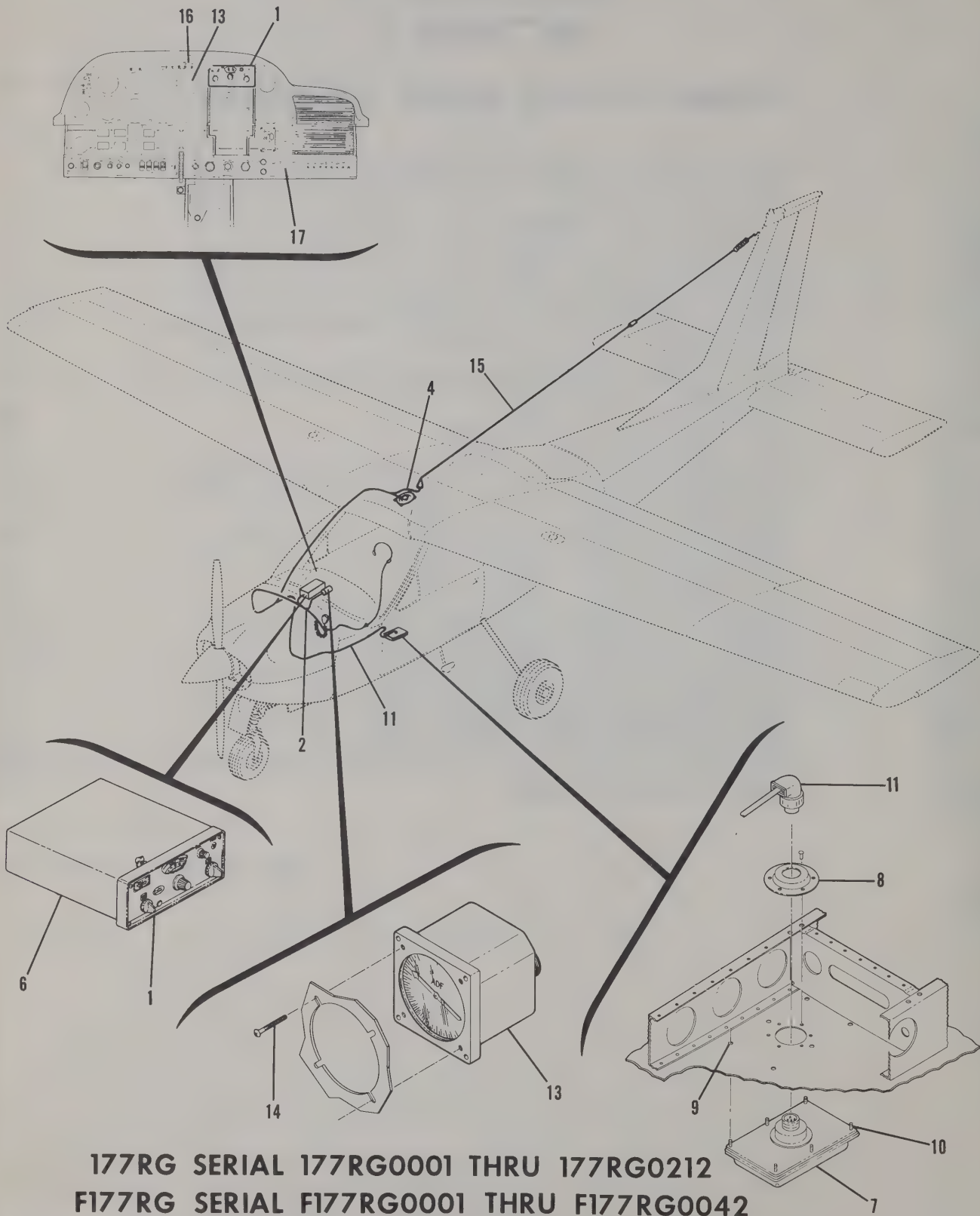
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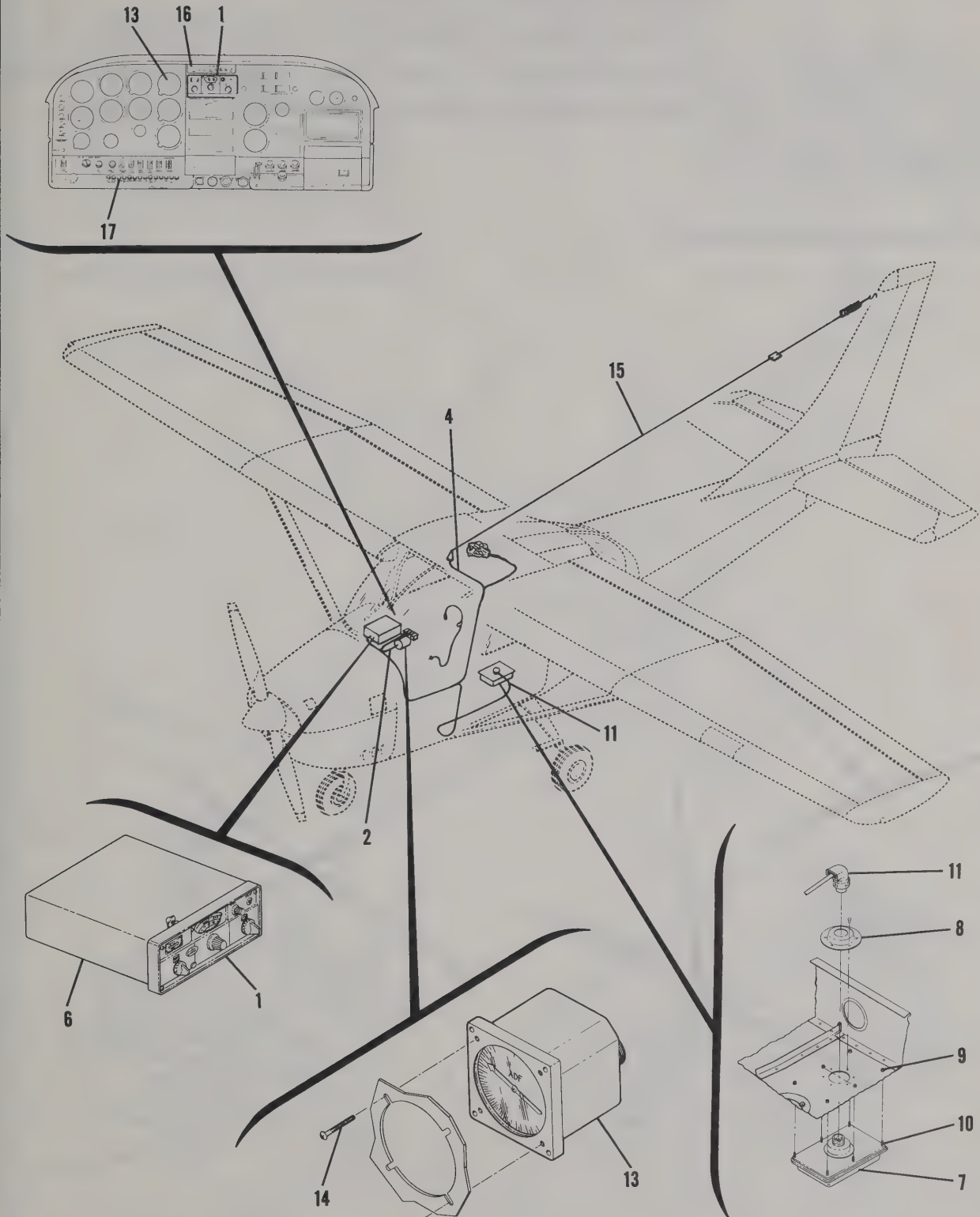
CESSNA 300 ADF RADIO INSTALLATION



177RG SERIAL 177RG0001 THRU 177RG0212
F177RG SERIAL F177RG0001 THRU F177RG0042

Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 1 of 6)

CESSNA 300 ADF RADIO INSTALLATION



182 SERIAL 18259306 THRU 18260825
A182 SERIAL A182-0057 THRU A182-0116

Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 2 of 6)

P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 THRU U2061702

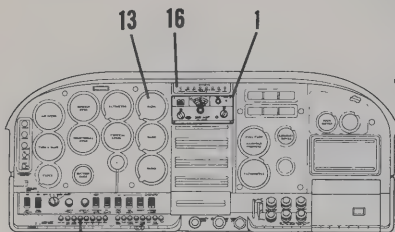
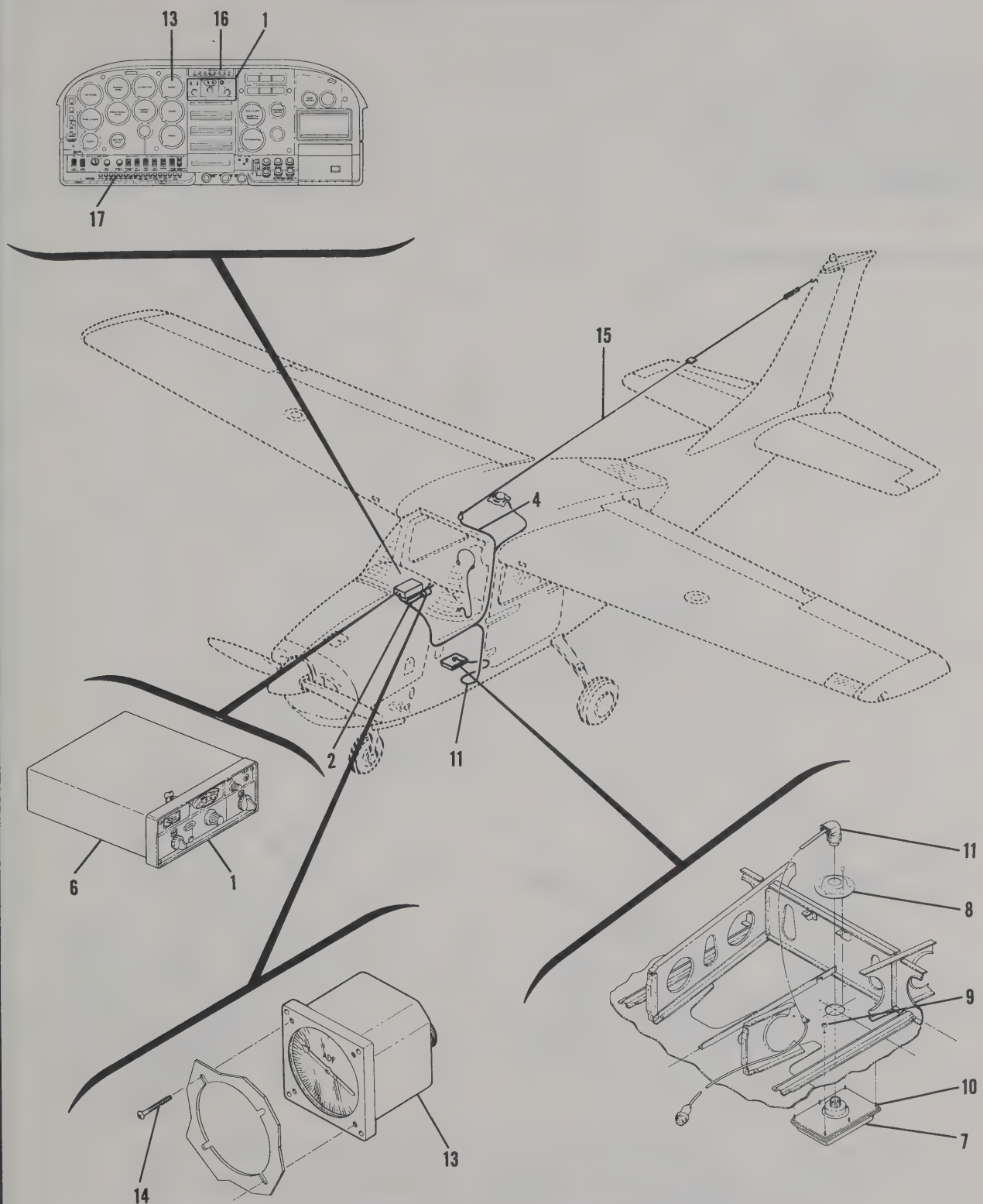


Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 3 of 6)

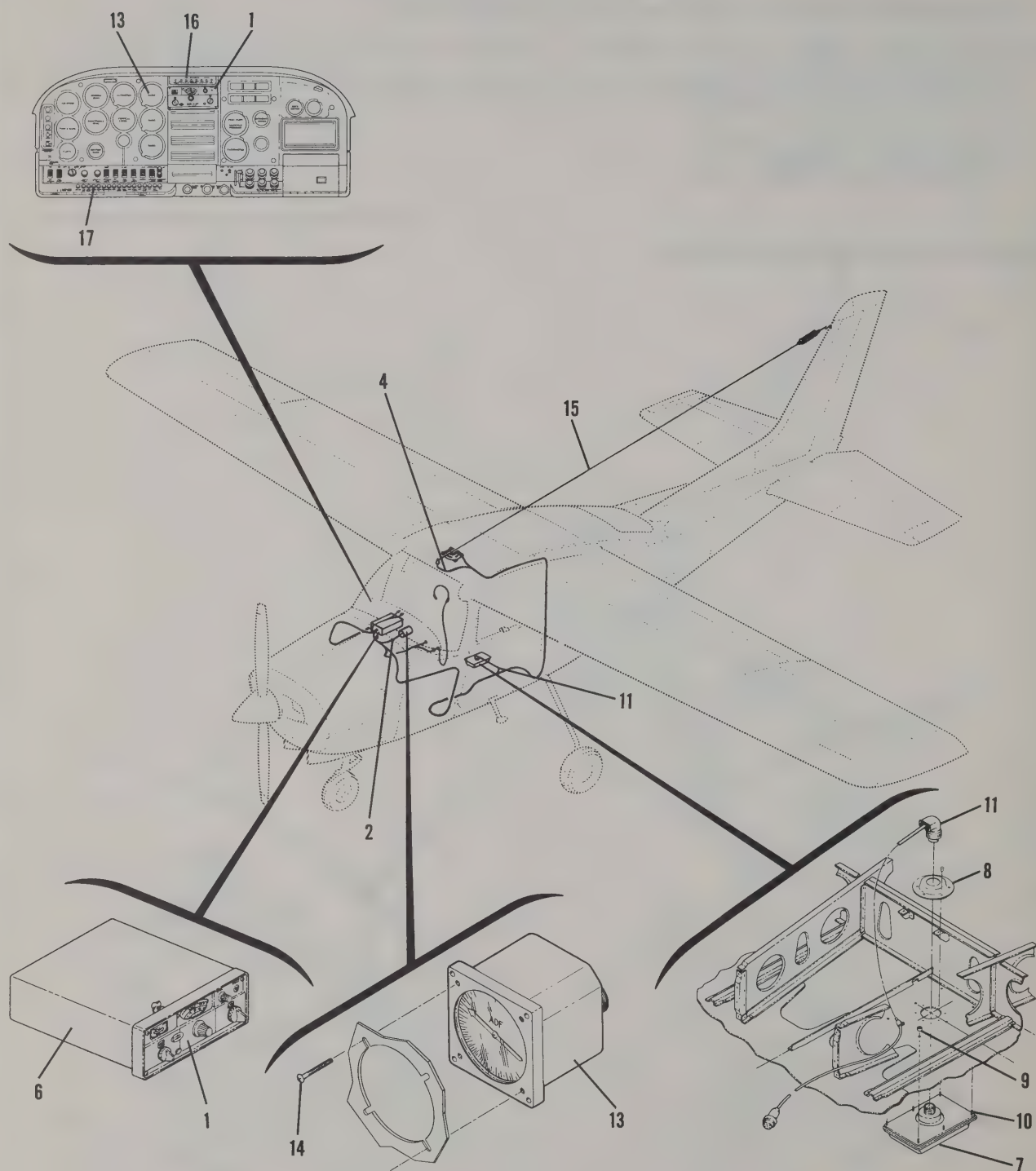
CESSNA 300 ADF RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 4 of 6)

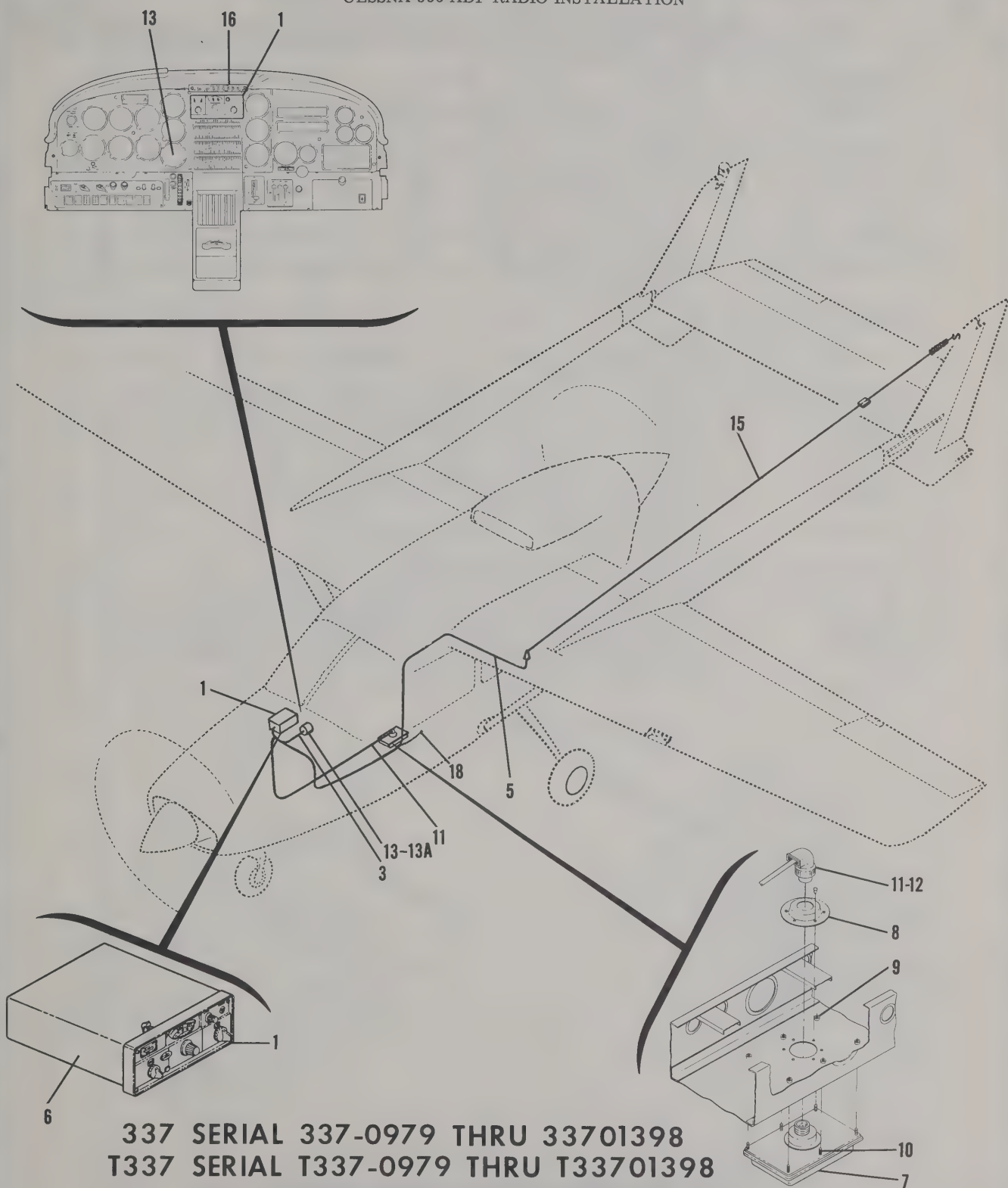
CESSNA 300 ADF RADIO INSTALLATION



210 SERIAL 21059200 THRU 21059502
T210 SERIAL 21059200 THRU T21059502

Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 5 of 6)

CESSNA 300 ADF RADIO INSTALLATION



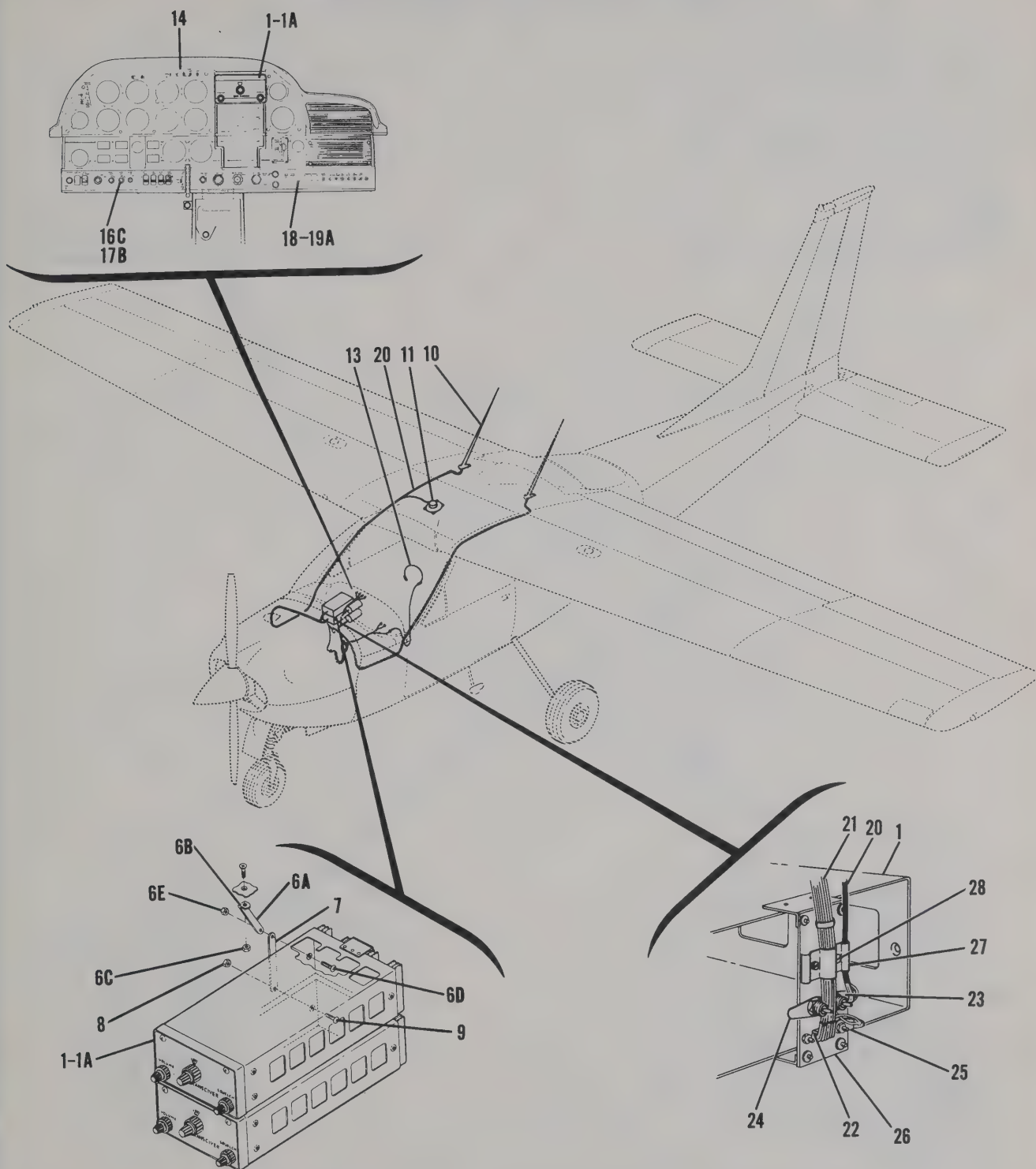
337 SERIAL 337-0979 THRU 33701398
 T337 SERIAL T337-0979 THRU T33701398
 F337 SERIAL F33700001 THRU F33700045
 FT337 SERIAL FT33700001 THRU FT33700045

Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 6 of 6)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-1 -		CESSNA 300 ADF -TYPE R-521B- RADIO INSTALLATION 1969 -----	NP	A
- 1	39300-1000	THRU 1971 MODELS ONLY		
	35700-1000	RECEIVER W/BFO ARC -----	1	
- 2	32802-1014	RECEIVER WITHOUT BFO ARC -----	1	
	A-263	MAIN CABLE ASSY - WITHOUT MOUNTING -----	AR	
- 3	32802-1028	14 VOLT AIRCRAFT ONLY ARC -----	1	
	A-263	CHOKER -----	1	
- 4	32800-1014	MAIN CABLE ASSY - WITHOUT MOUNTING -----	AR	
	A-263	28 VOLT AIRCRAFT ONLY ARC -----	1	
- 5	32800-1128	CABLE ASSY-9 FT SENSE ANT LEAD WITH MOUNTING -----	AR	
	A-263	14 VOLT AIRCRAFT ONLY ARC -----	1	
- 6	29277-0000	CHOKER -----	1	
	S1022Z6-6	CABLE ASSY-15 FT SENSE ANT LEAD WITH MOUNTING -----	AR	
	NAS446-2-3	28 VOLT AIRCRAFT ONLY ARC -----	1	
		CABINET ASSY - MOUNTING LESS CABLE ARC -----	1	
		ATTACHING PARTS		
		SCREW -----	4	
		NUT -----	4	
		---*---		
- 7	32880-0100	LOOP ANTENNA ARC -----	1	
		ATTACHING PARTS		
- 8	1511005-1	SHIELD -----	1	
- 9	NAS1329C06K120	RIVNUT -----	6	
	AN936A6	WASHER 177RG ONLY -----	6	
-10	AN515-6R12	SCREW -----	6	
		---*---		
-11	33827-0000	CABLE ASSY - LOOP ANT TO INDICATOR - 9 FT LONG ARC -----	1	
-12	32803	CABLE ASSY - LOOP ANT TO INDICATOR - 20 FT LONG ARC -----	AR	
-13	32680-0000	INDICATOR - TYPE IN-521B ARC -----	1	
		ATTACHING PARTS		
-14	AN515B6R12	SCREW -----	4	
		---*---		
-15	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
	SEE FIG 3-6	ADF SENSE ANTENNA INSTALLATION -----	AR	
	SEE FIG 3-9	ANTI-PRECIPITATION ADF SENSE ANTENNA INSTALLATION -----	AR	
-16	SEE SEC 4	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	AR	
-17	S1360-5L	CIRCUIT BREAKER ALL MODELS EXCEPT 337 SERIES -----	1	
	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER REQUIRED WITH ITEMS -----	1	
		17 AND 18		
-18	S1360-2L	CIRCUIT BREAKER 337 SERIES ONLY -----	1	
		A---1969 THRU 1971 MODELS ONLY		

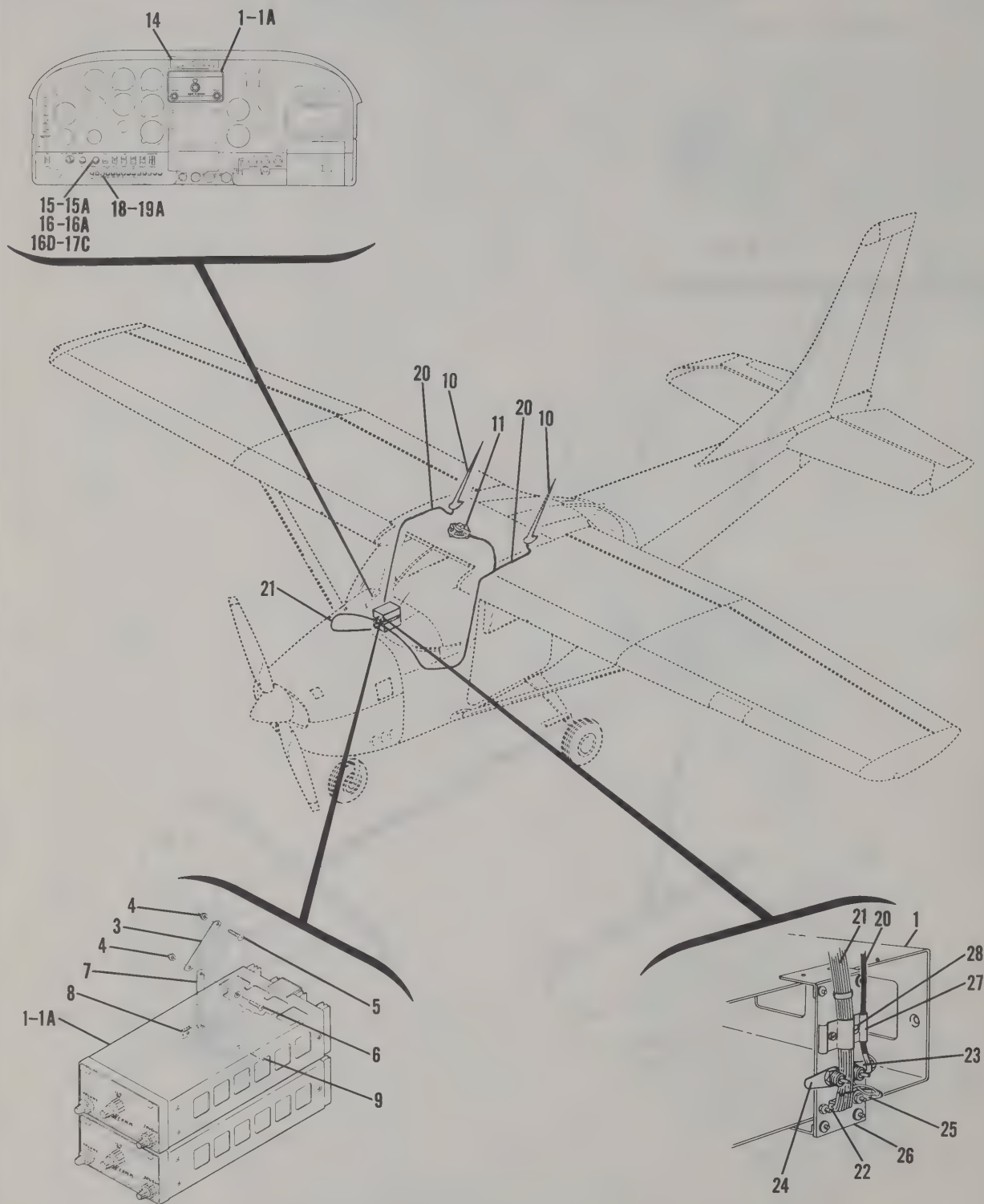
CESSNA 300 TRANSCEIVER RADIO INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 1 of 6)

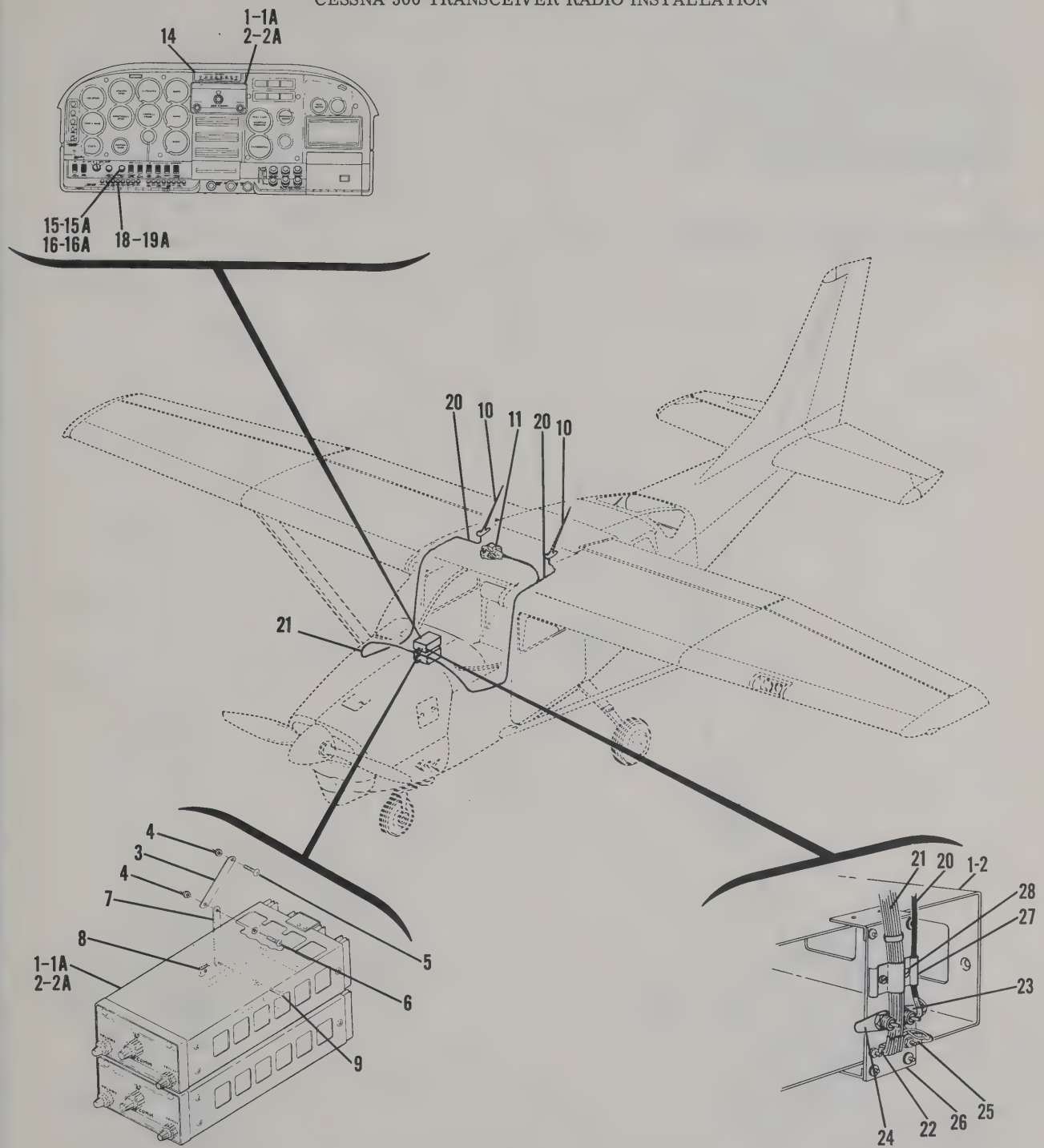
CESSNA 300 TRANSCEIVER RADIO INSTALLATION



**182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON**

Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 2 of 6)

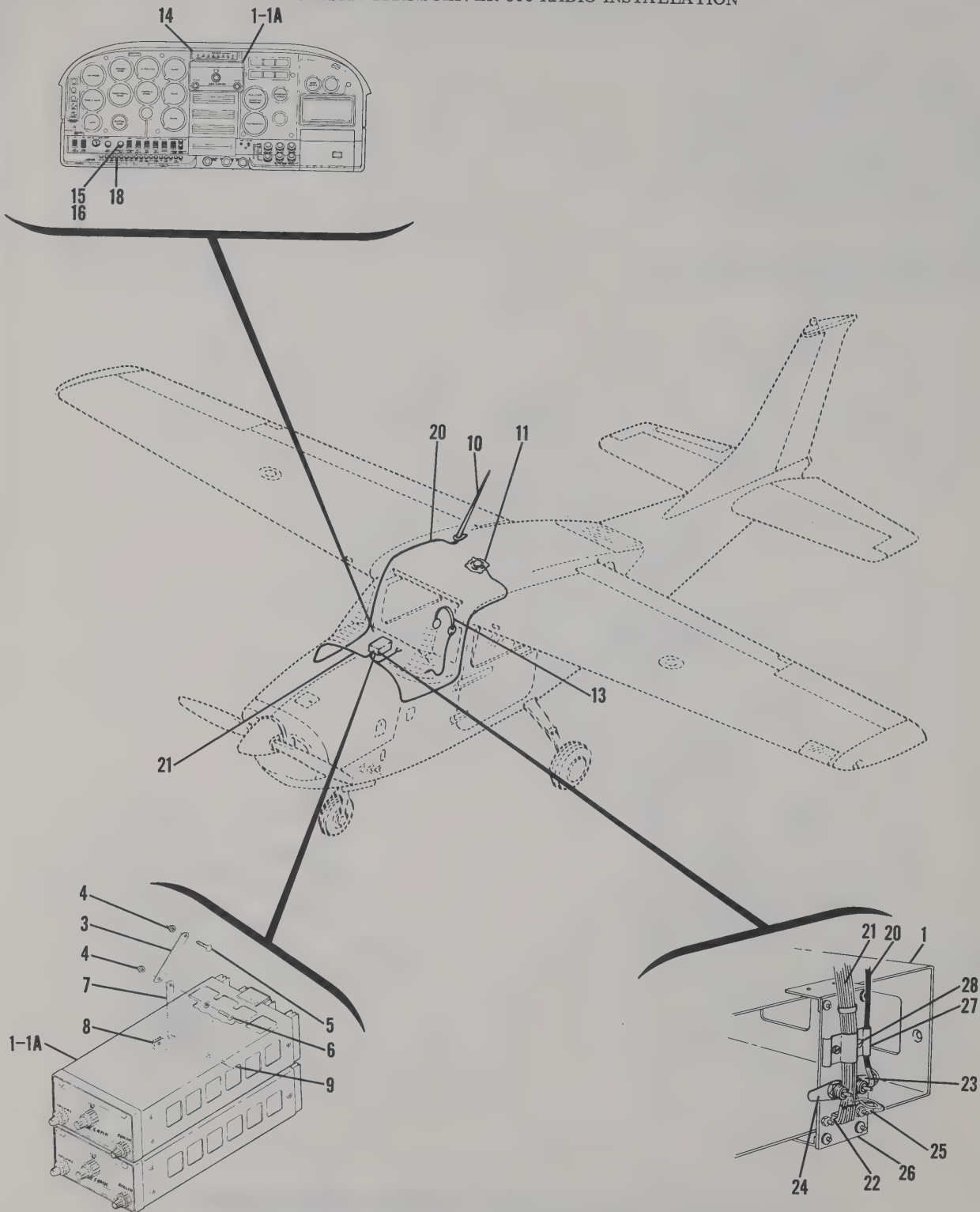
CESSNA 300 TRANSCEIVER RADIO INSTALLATION



**P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON**

Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 3 of 6)

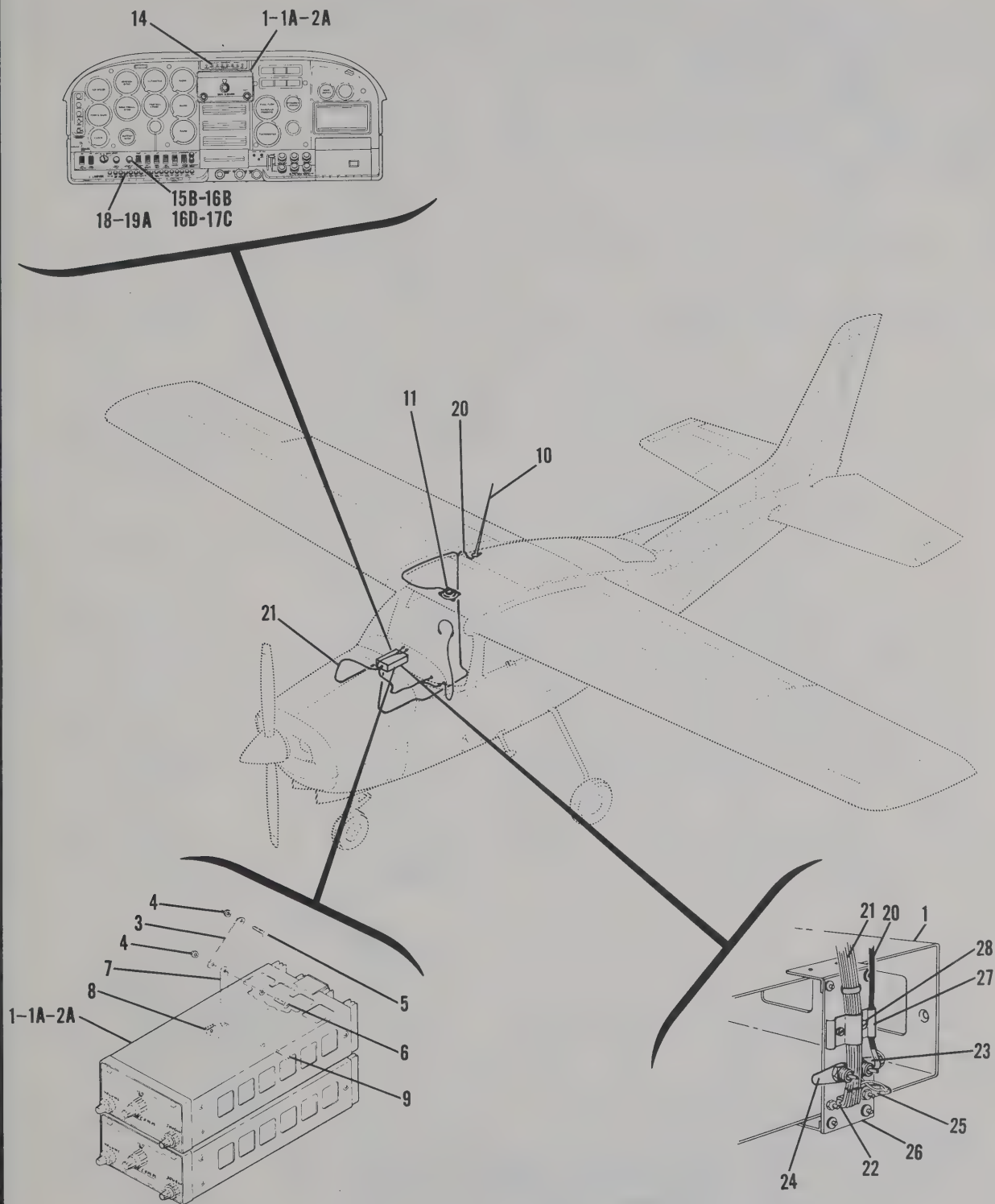
CESSNA TRANSCEIVER 300 RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 4 of 6)

CESSNA 300 TRANSCEIVER RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 5 of 6)

CESSNA 300 TRANSCEIVER RADIO INSTALLATION

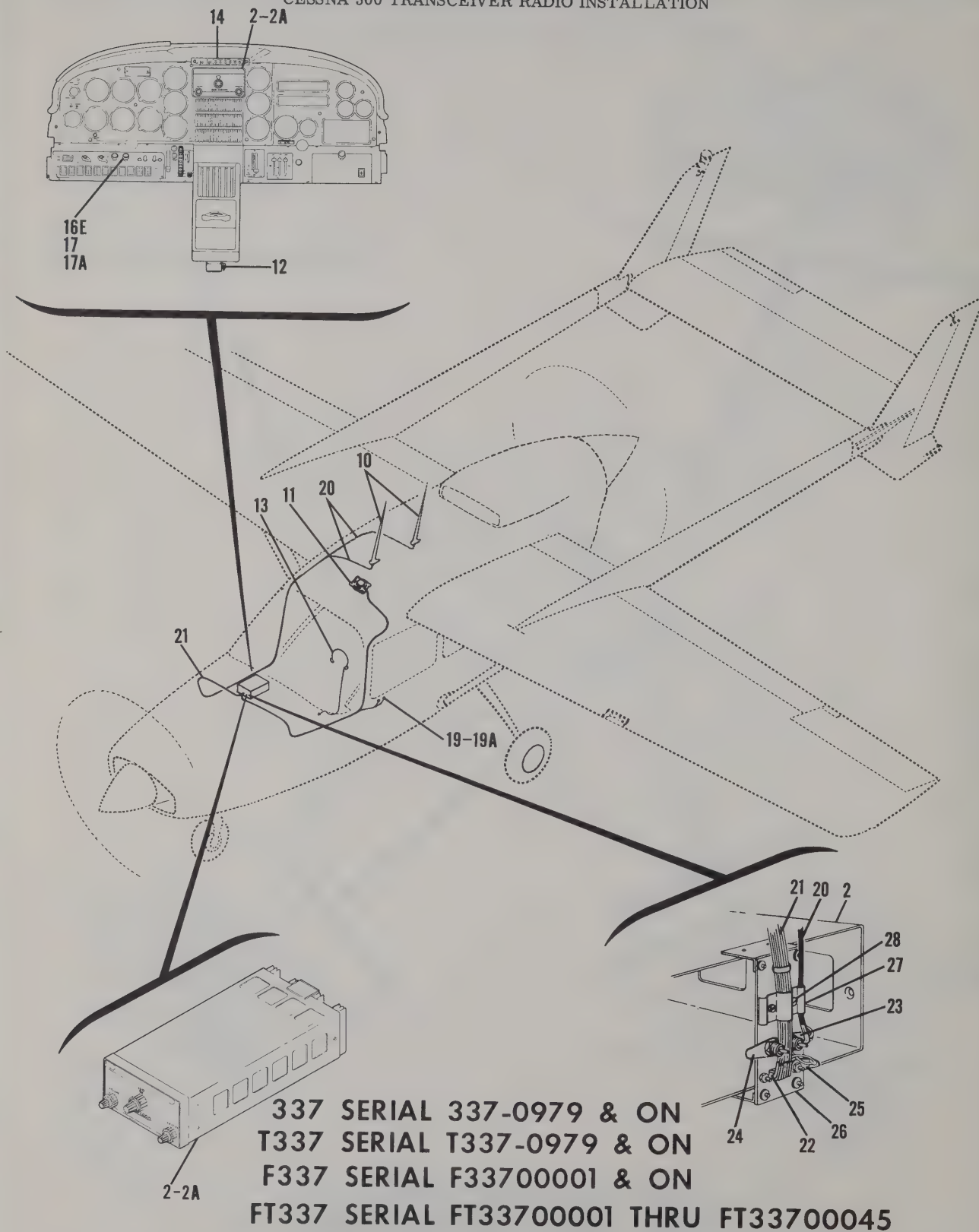


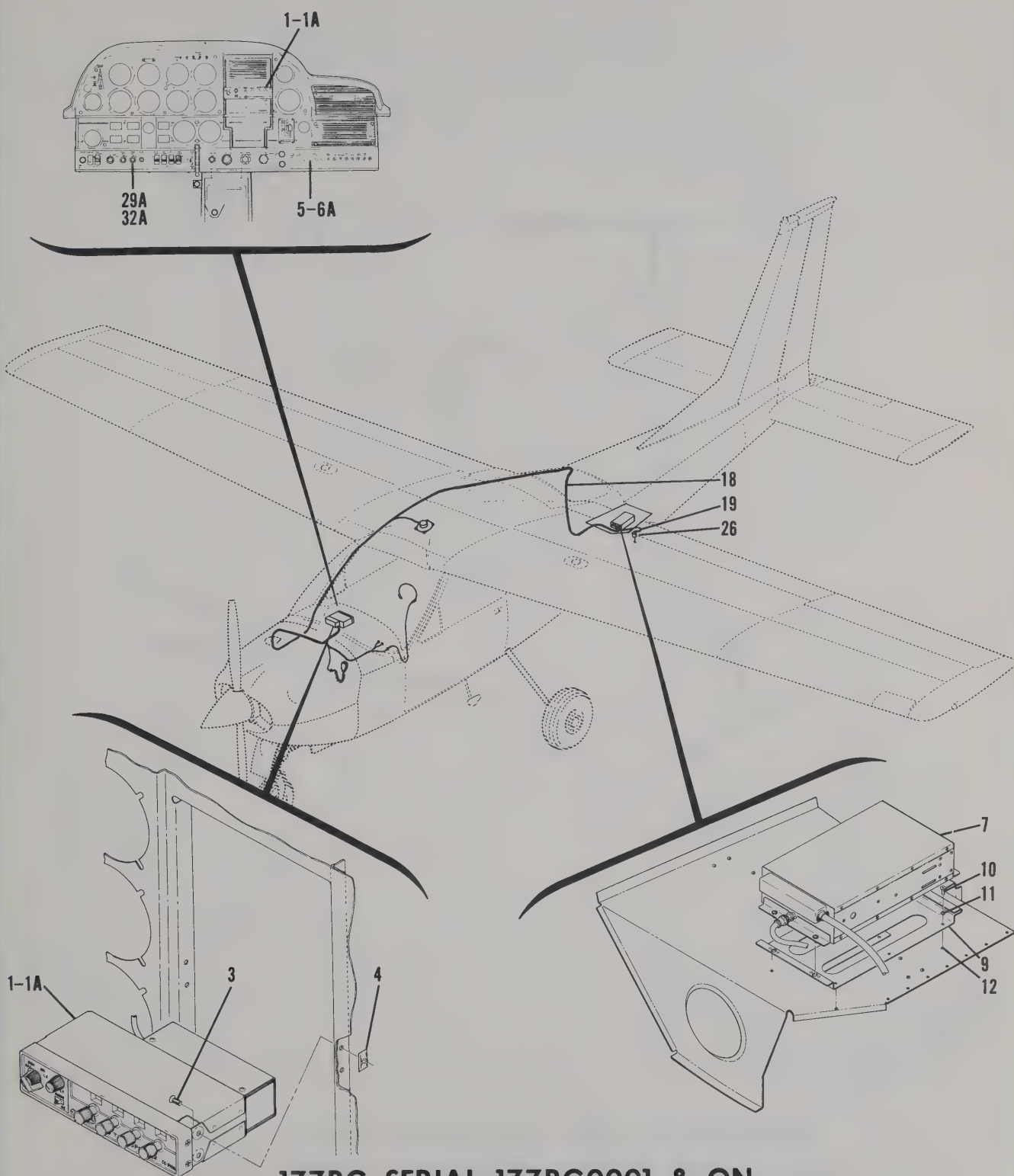
Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 6 of 6)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-2 -		CESSNA 300 TRANSCEIVER - TYPE RT-524A ALL MODELS -----	NP	
- 1	31390-1514	VHF TRANSCEIVER - TYPE RT-524A - 14 VOLT SYSTEM BLACK ---	1	A
		FACEPLATE WHEN EXHAUSTED USE 31390-1814 ARC		
- 1A	31390-1814	VHF TRANSCEIVER - TYPE RT-524A - 14 VOLT SYSTEM LIGHT ---	1	B
		SHADOW GREY ARC		
- 2	31390-1528	VHF TRANSCEIVER - TYPE RT-524A - 28 VOLT SYSTEM BLACK ---	1	A
		FACEPLATE WHEN EXHAUSTED USE 31390-1828 ARC		
- 2A	31390-1828	VHF TRANSCEIVER - TYPE RT-524A - 28 VOLT SYSTEM LIGHT ---	1	B
		SHADOW GREY ARC		
		ATTACHING PARTS		
	S1022Z8-8	SCREW -----	4	
	NAS446-4-3	NUT -----	4	
		-----*		
- 3	1270465-4	SUPPORT STRAP USED ONLY WHEN ONE RADIO IS INSTALLED ----	2	
		182, 206 SERIES AND 210 SERIES ONLY		
		ATTACHING PARTS		
- 4	NAS679A06	NUT 182, 206 SERIES AND 210 SERIES ONLY -----	2	
- 5	AN515-6R6	SCREW 182, 206 SERIES AND 210 SERIES ONLY -----	1	
- 6	AN507-632R6	SCREW 182, 206 SERIES AND 210 SERIES ONLY -----	1	
		-----*		
- 6A	1713125-1	SUPPORT STRAP 177RG ONLY -----	1	
		ATTACHING PARTS		
- 6B	AN960-8	WASHER AS REQD FOR SHIM ONLY 177RG ONLY -----	AR	
- 6C	NAS679A08	NUT 177RG ONLY -----	2	
- 6D	AN507-632R8	SCREW 177RG ONLY -----	1	
- 6E	NAS679A06	NUT 177RG ONLY -----	1	
		-----*		
- 7	1270465-3	SUPPORT STRAP 177RG, 182, 206 SERIES AND 210 SERIES ONLY-	1	
		USED ONLY WHEN TWO RADIOS ARE INSTALLED		
		ATTACHING PARTS		
- 8	NAS395-16-3	NUT 182, 206 SERIES AND 210 SERIES ONLY -----	1	
- 9	S1022Z8-8	SCREW 182, 206 SERIES AND 210 SERIES ONLY -----	1	
		-----*		
-10	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
-11	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-12	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-13	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-14	SEE SEC 4	TRANSMITTER & AUDIO SELECTOR SWITCHES -----	1	
	SEE FIG 5-1	RADIO COOLING INSTALLATION -----	1	
-15	S1880-3	RHEOSTAT-RADIO 1969 MODELS 182, 206 SERIES & 210 SERIES-	1	
		ONLY		
-15A	S2008-1	RHEOSTAT-RADIO 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-15B	S1904-3	RHEOSTAT-RADIO 1970 MODEL 210 SERIES ONLY -----	1	
	AN565D8H2	* SET SCREW-RHEOSTAT KNOB 1970 & ON MODEL 337 SERIES ONLY -	1	
-16	S1753-7	* KNOB-RHEOSTAT 1969 MODELS 182, 206 SERIES & -----	1	
		210 SERIES ONLY		
-16A	S1995-1	* KNOB-RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-16B	S1980-1	* KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-16C	S1980-3	* KNOB - RHEOSTAT 1971 & ON MODELS 177RG ONLY -----	1	
	AN565B8H3	* SET SCREW - RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY ----	1	
-16D	S1995-4	* KNOB - RHEOSTAT 1971 & ON MODEL 182, 206 & 210 SERIES ---	1	
		ONLY		
	AN565B2H3	* SET SCREW - RHEOSTAT KNOB 1971 & ON MODEL 182, 206 & 210-	1	
		SERIES ONLY		
-16E	1570164-1	* SWITCH ASSY RADIO LIGHT DIMMING 337 SERIES ONLY ----	1	
	9341GL	* RHEOSTAT CPH -----	1	
	S1832-1	* SWITCH -----	1	
-17	S1753-6	* KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
-17A	S1980-3	* KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	
-17B	S2091-1	* RHEOSTAT - RADIO DIMMING 1971 & ON MODEL 177RG ONLY ----	1	
-17C	S2091-1	* VARIABLE RESISTOR - RADIO DIMMING 1971 & ON MODELS 182, -	1	
		206 & 210 SERIES ONLY		
-18	S1360-15	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	A
	S1360-15L	CIRCUIT BREAKER W/O NUT 14 VOLT AIRCRAFT ONLY -----	1	B
-19	S1360-8	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	A
	S1360-8L	CIRCUIT BREAKER W/O NUT 28 VOLT AIRCRAFT ONLY -----	1	B
-19A	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
-20		CABLE ASSY - TRANSCEIVER TO VHF ANTENNA -----	NP	
	RG-58A/U	COAXIAL CABLE - BULK ITEM -----	AR	
	UG-913/U	PLUG - COAXIAL - RT ANGLE CONNECTS TO ANTENNA -----	1	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-2 -21		* CABLE ASSY - MAIN CABLE ASSY -----	NP	
-22	29747-0018	CONNECTOR CONNECTS TO REAR RECEIVER PLATE ----- SUPPLIED WITH RECEIVER	REF	
-23	29753	CONNECTOR CONNECTS TO REAR RECEIVER PLATE ----- SUPPLIED WITH RECEIVER	REF	
-24	29752	CONNECTOR CONNECTS TO REAR RECEIVER PLATE ----- SUPPLIED WITH RECEIVER	REF	
-25	1488-4	TERMINAL LUG CONNECTS TO 29747-0018 CONNECTOR ----- SUPPLIED WITH RECEIVER	REF	
-26	31398	PLATE - REAR CONNECTS TO REAR RECEIVER ----- SUPPLIED WITH RECEIVER	REF	
-27	31396	CLIP - ATTACHES CABLE ASSEMBLY TO 31398 REAR PLATE ON ----- RECEIVER SUPPLIED WITH RECEIVER	REF	
-28	338-4032 S1838-2	ATTACHING PARTS SCREW SUPPLIED WITH RECEIVER ----- HOUSING CONNECTS TO P-1 ON AUDIO JUNCTION BOX ----- -----*-----	REF 1	
NOTES * 1. REFER TO THE APPROPRIATE PARTS CATALOG FOR 1972 & ON RADIO DIMMING RHEOSTATS & KNOBS. 2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS. A---THRU 1971 MODELS ONLY B---1972 & ON MODELS ONLY				

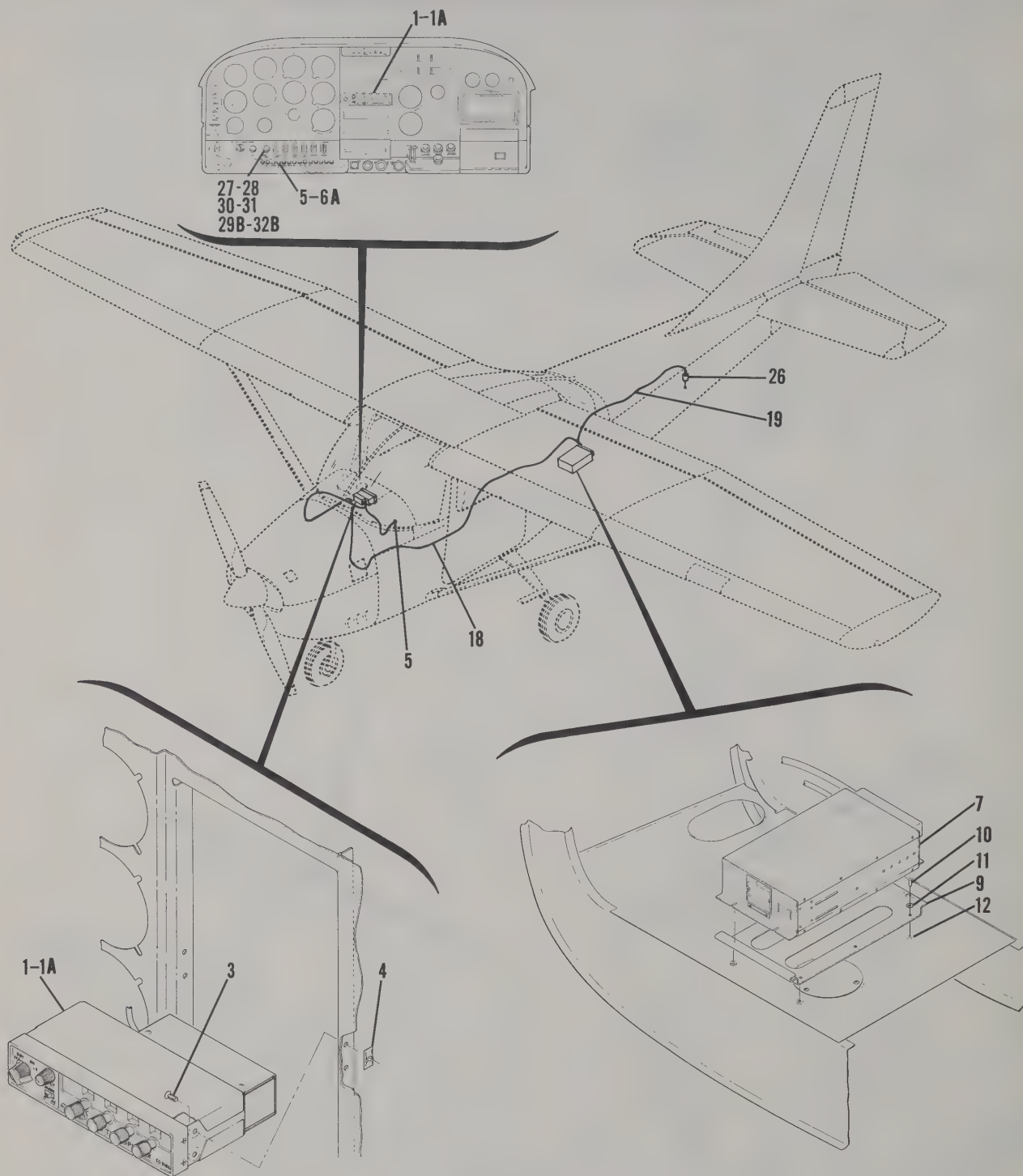
CESSNA 300 TRANSPONDER RADIO INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 1 of 6)

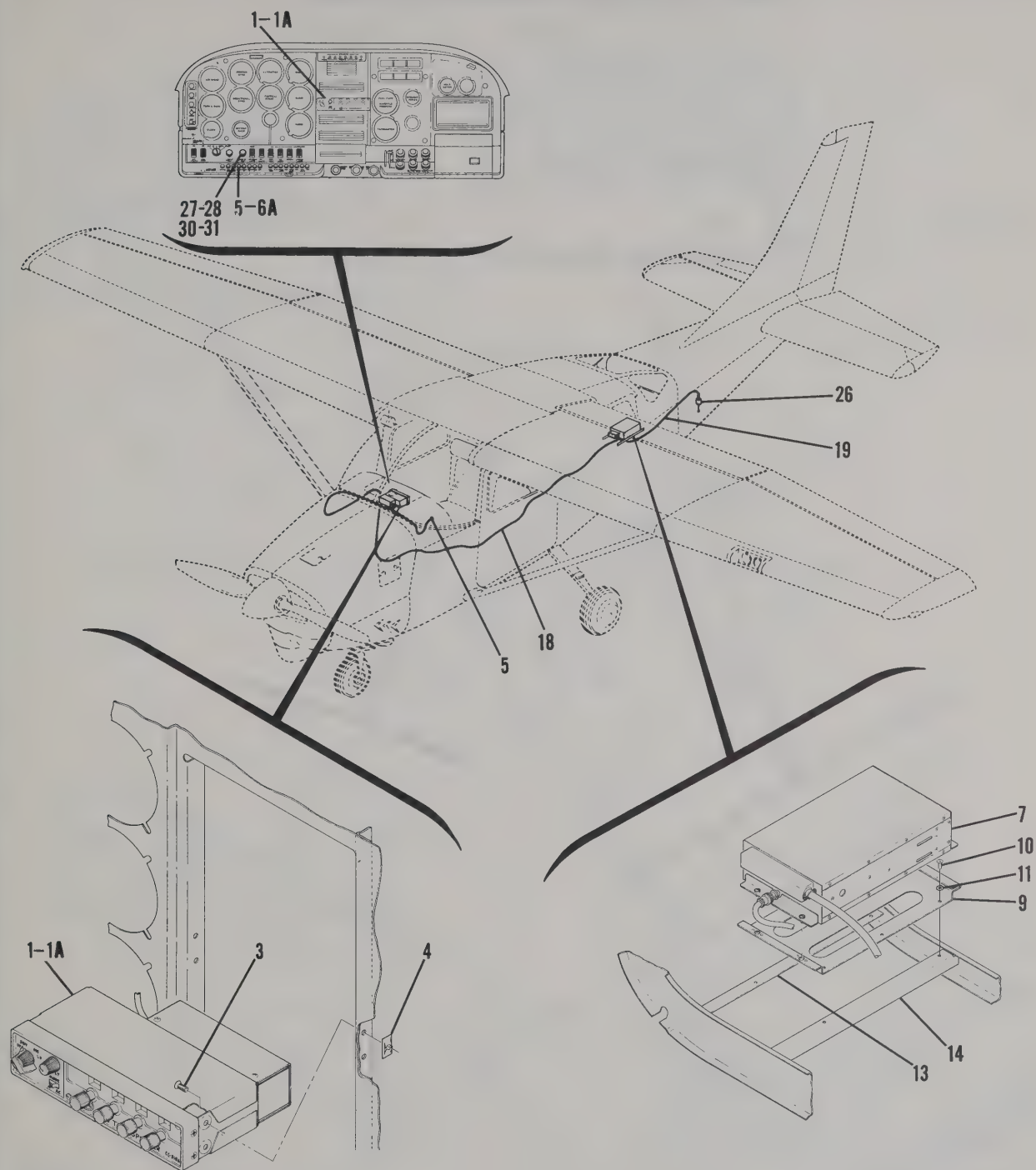
CESSNA 300 TRANSPONDER RADIO INSTALLATION



**182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON**

Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 2 of 6)

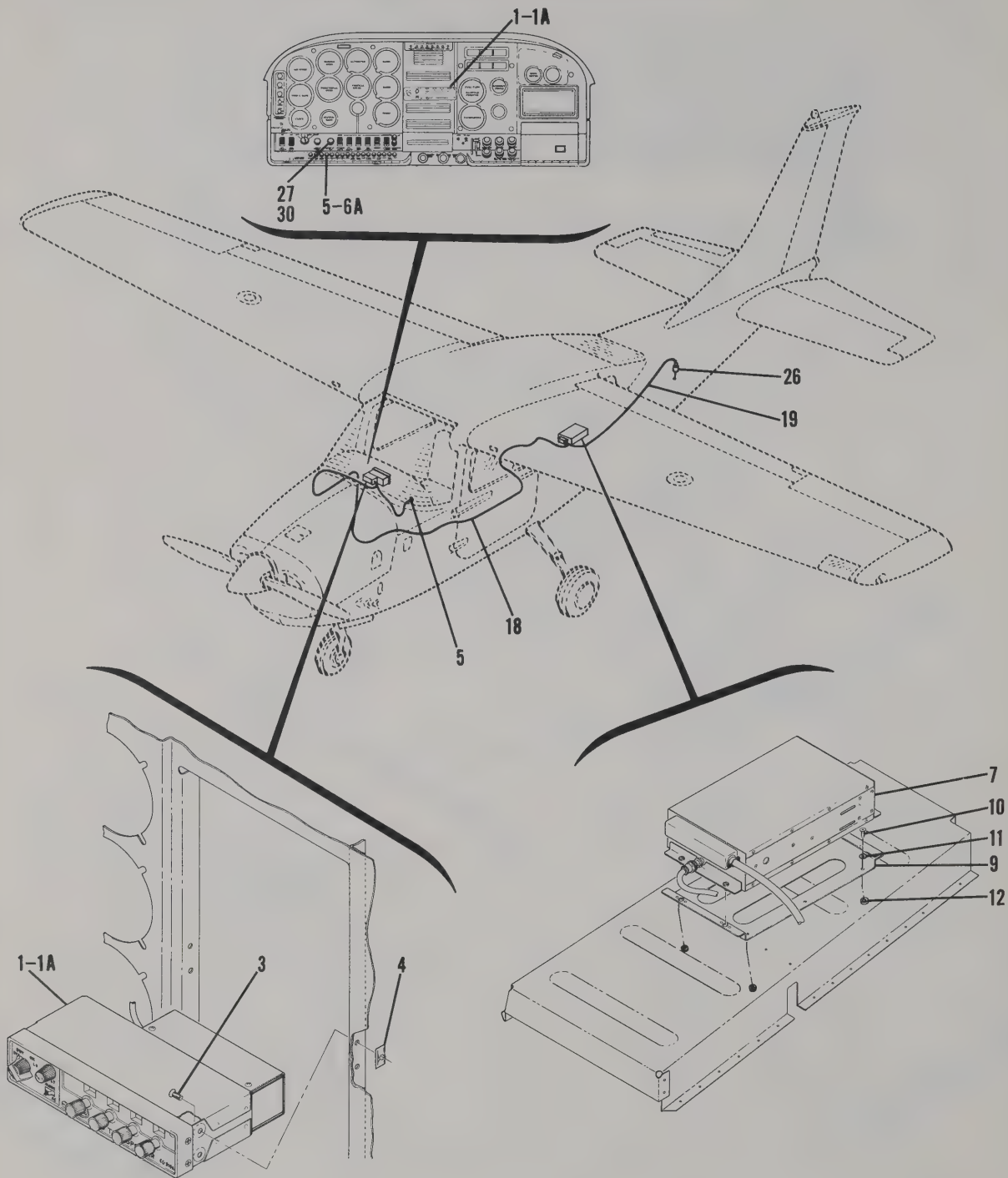
CESSNA 300 TRANSPONDER RADIO INSTALLATION



**P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON**

Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 3 of 6)

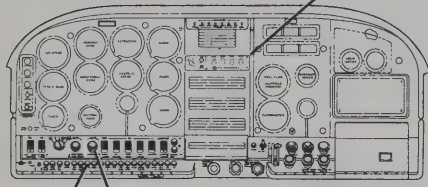
CESSNA 300 TRANSPONDER RADIO INSTALLATION



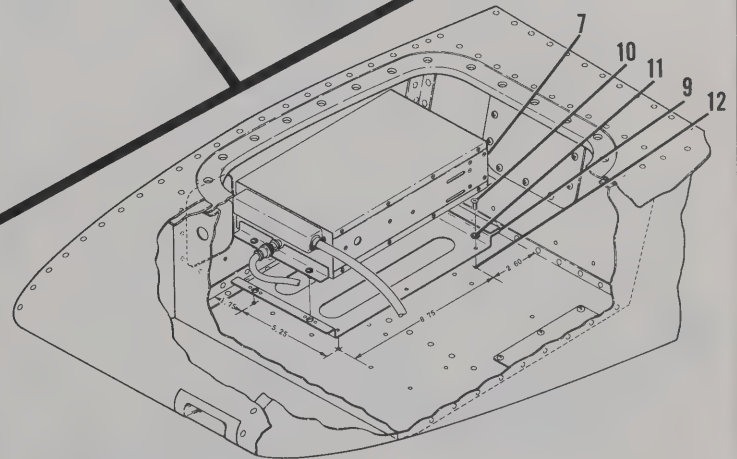
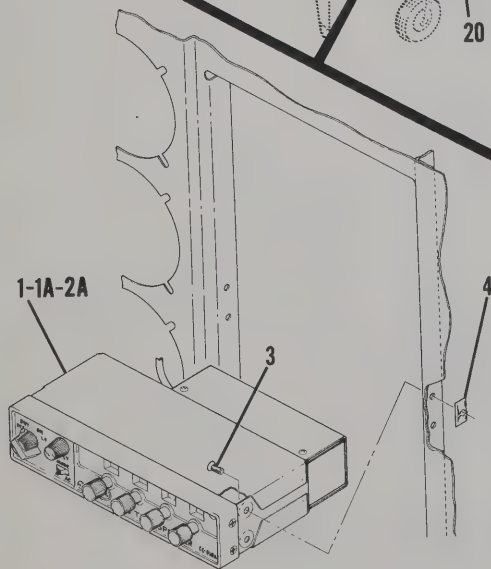
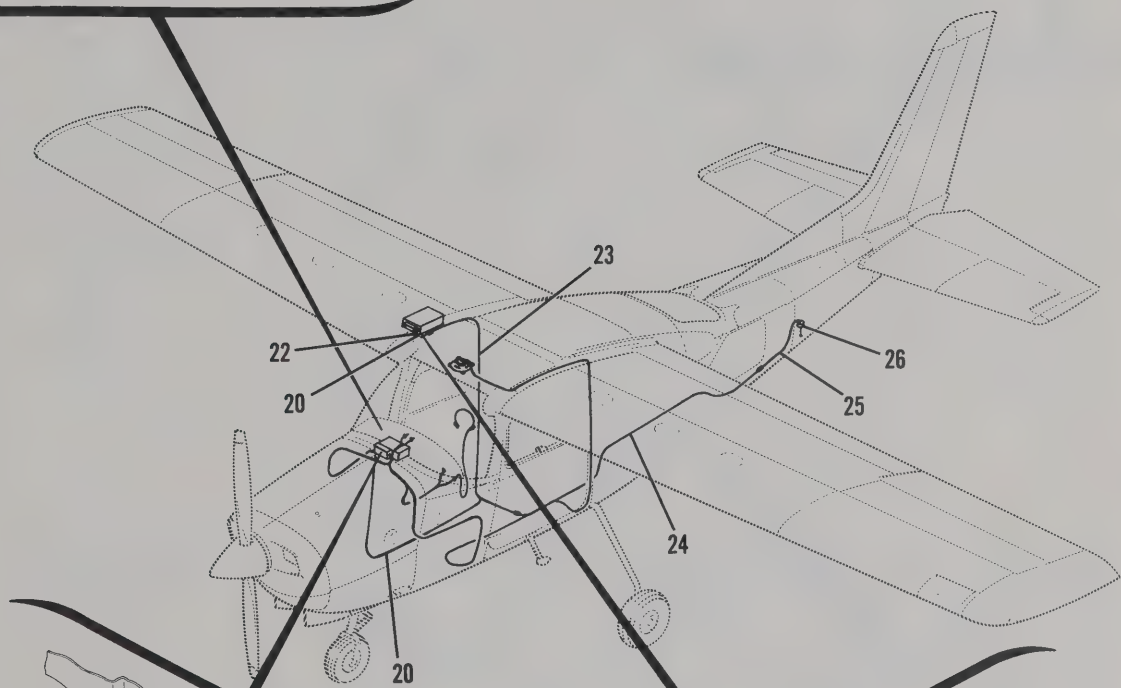
**210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454**

Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 4 of 6)

CESSNA 300 TRANSPONDER RADIO INSTALLATION
1-1A-2A



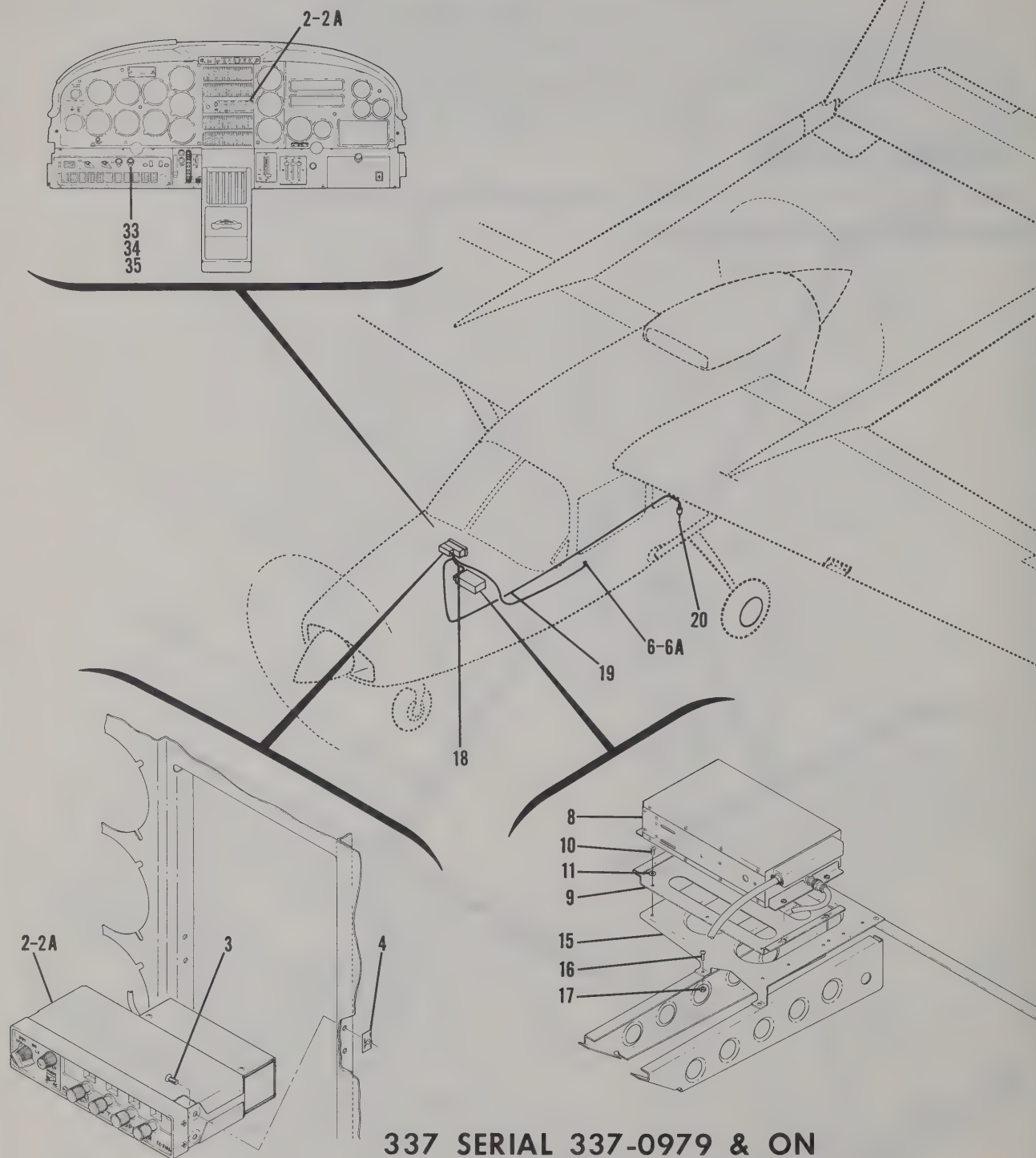
5-6-6A 29-32
29B-32B



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 5 of 6)

CESSNA 300 TRANSPONDER RADIO INSTALLATION



337 SERIAL 337-0979 & ON
 T337 SERIAL T337-0979 & ON
 F337 SERIAL F33700001 & ON
 FT337 SERIAL FT33700001 THRU FT33700045

Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 6 of 6)

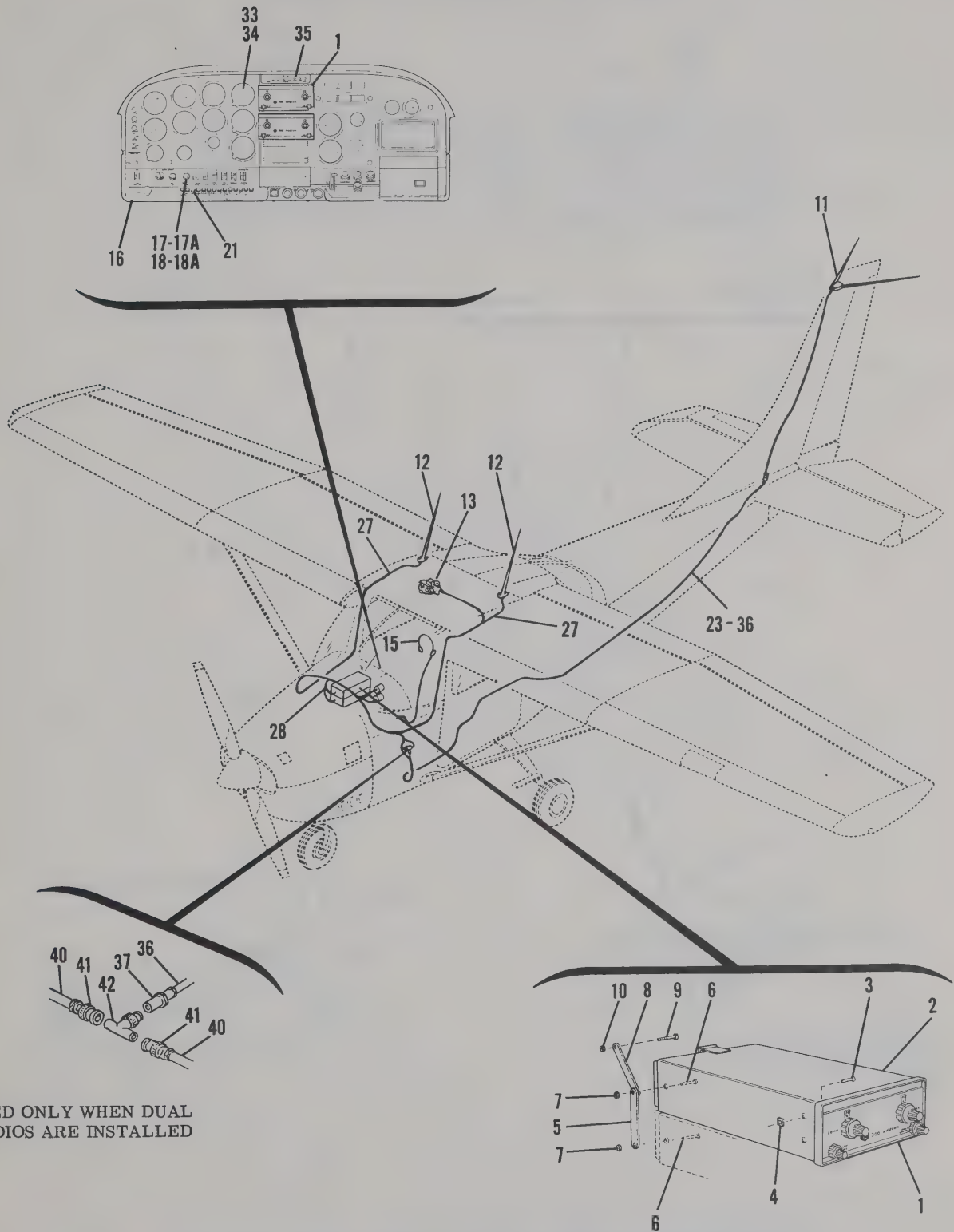
Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-3 -		CESSNA 300 TRANSPONDER RADIO INSTALLATION TYPE KT-75B ----- ALL MODELS	NP	
- 1	C589503-0101	CONTROL UNIT 14 VOLT SYSTEM BLACK FACEPLATE ----- WHEN EXHAUSTED USE C589503-0102	1	A
- 1A	C589503-0102	CONTROL UNIT 14 VOLT SYSTEM LIGHT SHADOW GREY ----- FACEPLATE	1	B
- 2	C589503-0201	CONTROL UNIT 28 VOLT SYSTEM BLACK FACEPLATE ----- WHEN EXHAUSTED USE C589503-0202	1	A
- 2A	C589503-0202	CONTROL UNIT 28 VOLT SYSTEM LIGHT SHADOW GREY ----- FACEPLATE	1	B
- 3	S102228-8	SCREW -----	4	
- 4	NAS446-4-3	NUT -----	4	
- 5	S1360-5	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	A
	S1360-5L	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	B
- 6	S1360-2	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	A
	S1360-2L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	B
- 6A	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
- 7	C589504-0101	RECEIVER-TRANSMITTER 14 VOLT AIRCRAFT ONLY -----	1	
- 8	C589504-0201	RECEIVER-TRANSMITTER 28 VOLT AIRCRAFT ONLY -----	1	
- 9	047-1744-01	RACK-MOUNTING SUPPLIED WITH ITEMS 7 OR 8 KG ----- ATTACHING PARTS	REF	
-10	AN515-8R8	SCREW -----	4	
-11	AN936A8	WASHER -----	4	
-12	NAS1329-08-120	RIVNUT 177RG, 182 & 210 SERIES ONLY ----- -----*	4	
-13	1270659-2	SUPPORT ASSY-RH 206 SERIES ONLY -----	1	
-14	1270659-1	SUPPORT ASSY-LH 206 SERIES ONLY -----	1	
-15	1570197-1	SUPPORT ASSY 337 & T337 ONLY ----- ATTACHING PARTS	1	
-16	AN515-8R8	SCREW -----	5	
-17	NAS679A08	NUT ----- -----*	2	
-18		* CABLE ASSY CONTROL UNIT TO RECEIVER-TRANSMITTER ALL - NP MODELS EXCEPT 1970 & ON 210 SERIES RG-174U COAXIAL CABLE USED ONLY WITH CESSNA 300 DME BULK -- AR ITEM 030-2102-00 CONNECTOR CONNECTS TO CONTROL UNIT KG ----- 1 030-1019-00 CABLE CLAMP HALF KG ----- 2 030-2109-00 CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER KG ---- 1 S1838-3 HOUSING 20 PIN CONNECTS TO AUDIO JUNCTION BOX ---- 1		
-19		* CABLE ASSY RECEIVER-TRANSMITTER TO ANTENNA ALL ----- NP MODELS EXCEPT 1970 & ON 210 SERIES RG-58A/U COAXIAL CABLE RECEIVER-TRANSMITTER TO ANTENNA ----- AR 030-2107-00 CONNECTOR CONNECTS TO ANTENNA KG ----- 1 030-0060-00 CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER KG ---- 1		
-20		* CABLE ASSY CONTROL UNIT TO RH WING ROOT 1970 & ON --- NP 210 SERIES ONLY 030-2102-00 CONNECTOR CONNECTS TO CONTROL UNIT KG ----- 1 030-1019-00 CABLE CLAMP HALF KG ----- 1 S1838-3 HOUSING 20 PIN CONNECTS TO AUDIO JUNCTION BOX ---- 1 S1961-2-0 HOUSING CAP 12 PIN CONNECTS TO RECEIVER-TRANSMITTER - 2 CABLE IN RH WING ROOT		
-21		* CABLE ASSY RECEIVER-TRANSMITTER TO CONTROL UNIT CABLE --- NP 1970 & ON 210 SERIES ONLY 030-2109-00 CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER KG ---- 1 030-1019-00 CABLE CLAMP HALF CONNECTS TO RECEIVER-TRANSMITTER KG- 1 S1961-1-0 HOUSING PLUG CONNECTS TO CONTROL CABLE IN RH WING ROOT- 2		
-22		* ANTENNA CABLE ASSY RECEIVER-TRANSMITTER TO RH WING ROOT - NP 1970 & ON 210 SERIES ONLY RG-58A/U COAXIAL CABLE BULK ITEM ----- AR 030-0060-00 CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER KG ---- 1 1-331693-1 CONNECTOR CONNECTS TO RH WING ROOT AMPH ----- 1		
-23		* ANTENNA CABLE ASSY RH WING ROOT TO STA. 55.62 1970 -- NP & ON 210 SERIES ONLY RG-58A/U COAXIAL CABLE BULK ITEM ----- AR 2-331350-1 CONNECTOR UG-88C/U MAY BE SUBSTITUTED AMPH ----- 2		
CONTINUED ON NEXT PAGE				

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-3 -24	2-331350-1	ANTENNA CABLE ASSY STA. 55.62 TO STA. 152.20 STD ----	1	
	RG-58A/U	EQUIPMENT IN AFCT 1970 & ON 210 SERIES ONLY		
	2-33135-1	COAXIAL CABLE BULK ITEM -----	AR	
	1-331694-0	JACK CONNECTS TO ANT CABLE AT STA. 55.62 AMPH ----	1	
-25	*	PANEL JACK CONNECTS TO ANT CABLE AT STA. 152.20 AMPH -	1	
		ANTENNA CABLE ASSY STA. 152.20 TO ANTENNA 1970 & ON -	NP	
		210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	2-331350-1	CONNECTOR CONNECTS TO ANT CABLE AT STA. 152.20 AMPH -	1	
	030-0051-00	CONNECTOR CONNECTS TO ANTENNA KG -----	1	
-26	SEE FIG 3-8	TRANSPONDER ANTENNA INSTALLATION-TYPE KA-28 -----	1	
-27	S1880-3	RHEOSTAT-RADIO 1969 MODELS 182, 206 SERIES & 210 -----	1	
		SERIES ONLY		
-28	S2008-1	RHEOSTAT-RADIO 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-29	S1904-3	RHEOSTAT-RADIO 1970 MODEL 210 SERIES ONLY -----	1	
-29A	S1880-1	* RHEOSTAT-RADIO DIMMING 1971 & ON MODEL 177RG ONLY -----	1	
-29B	S2091-1	* VARIABLE RESISTOR-RADIO DIMMING 1971 & ON 182 & 210 -----	1	
		SERIES ONLY		
-30	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, 206 SERIES & -----	1	
		210 SERIES ONLY		
-31	S1995-1	KNOB-RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-32	S1980-1	KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-32A	S1980-3	* KNOB-RHEOSTAT 1971 & ON MODEL 177RG ONLY -----	1	
	AN565B8H3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY -----	1	
-32B	S1995-4	* KNOB-RHEOSTAT 1971 & ON MODEL 182, 206 & 210 SERIES ONLY-	1	
	AN565B2H3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 182, 206 & 210 --	1	
		SERIES ONLY		
-33	1570164-1	* SWITCH ASSY RADIO LIGHT DIMMING 337 SERIES ONLY ----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
-34	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
-35	S1980-3	* KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	
	AN565D8H2	* SET SCREW-RHEOSTAT KNOB 1970 & ON MODEL 337 SERIES ONLY -	1	
		NOTES *		
		1. REFER TO THE APPROPRIATE PARTS CATALOG FOR		
		1972 & ON RADIO DIMMING RHEOSTATS & KNOBS.		
		2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN		
		SECTION VII OF THIS MANUAL FOR ELECTRICAL		
		CONNECTORS AND WIRING APPLICABLE TO 1972 & ON		
		MODELS.		
		A---THRU 1971 MODELS ONLY		
		B---1972 & ON MODELS ONLY		

CESSNA 300 NAV/COM RADIO INSTALLATION

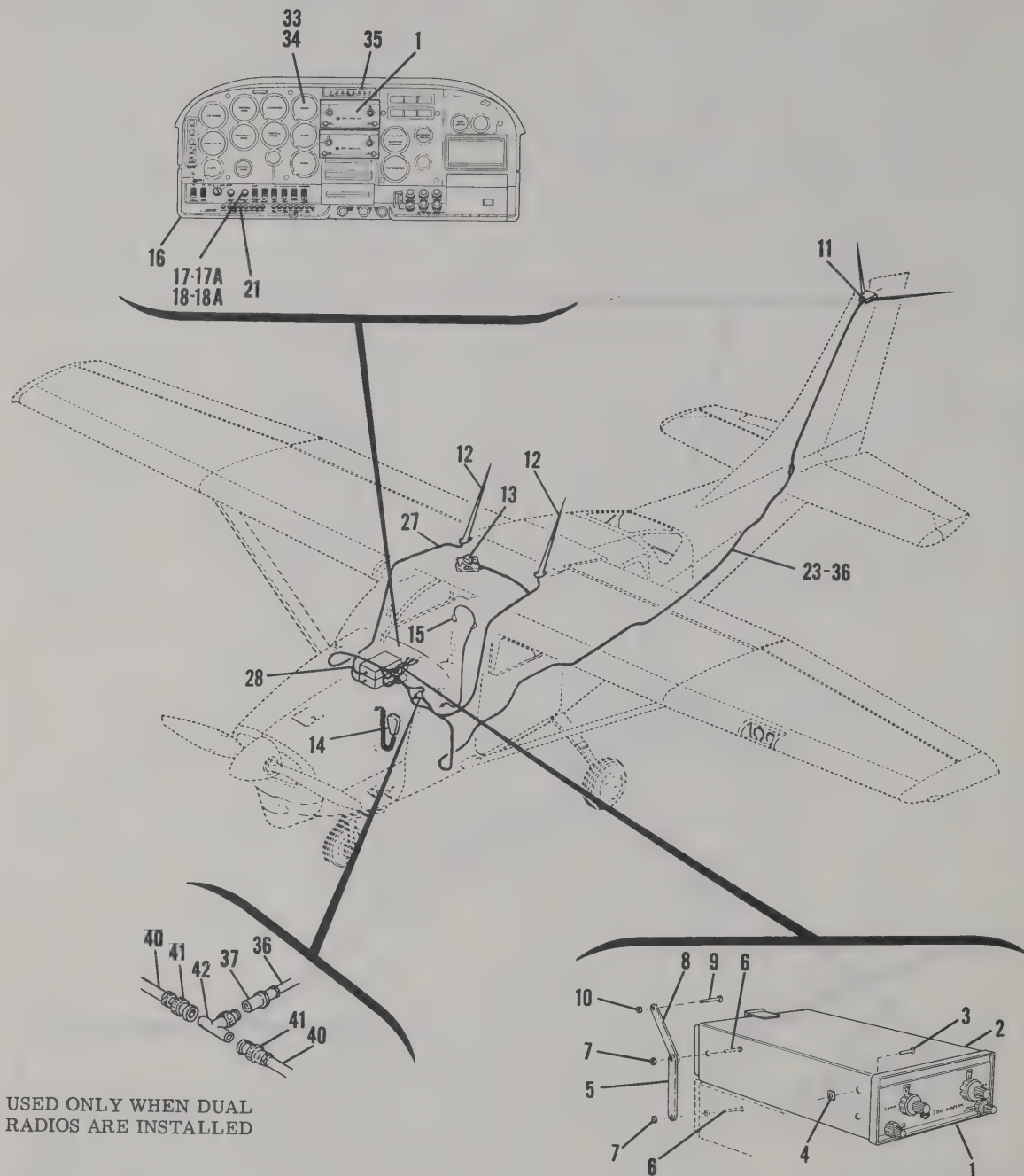


USED ONLY WHEN DUAL
RADIOS ARE INSTALLED

182 SERIAL 18259306 THRU 18260445
A182 SERIAL A182-0057 THRU A182-0116

Figure 1-4. Cessna 300 Nav/Com (Type RT-540A or RT-517R) Radio Installation (Sheet 1 of 5)

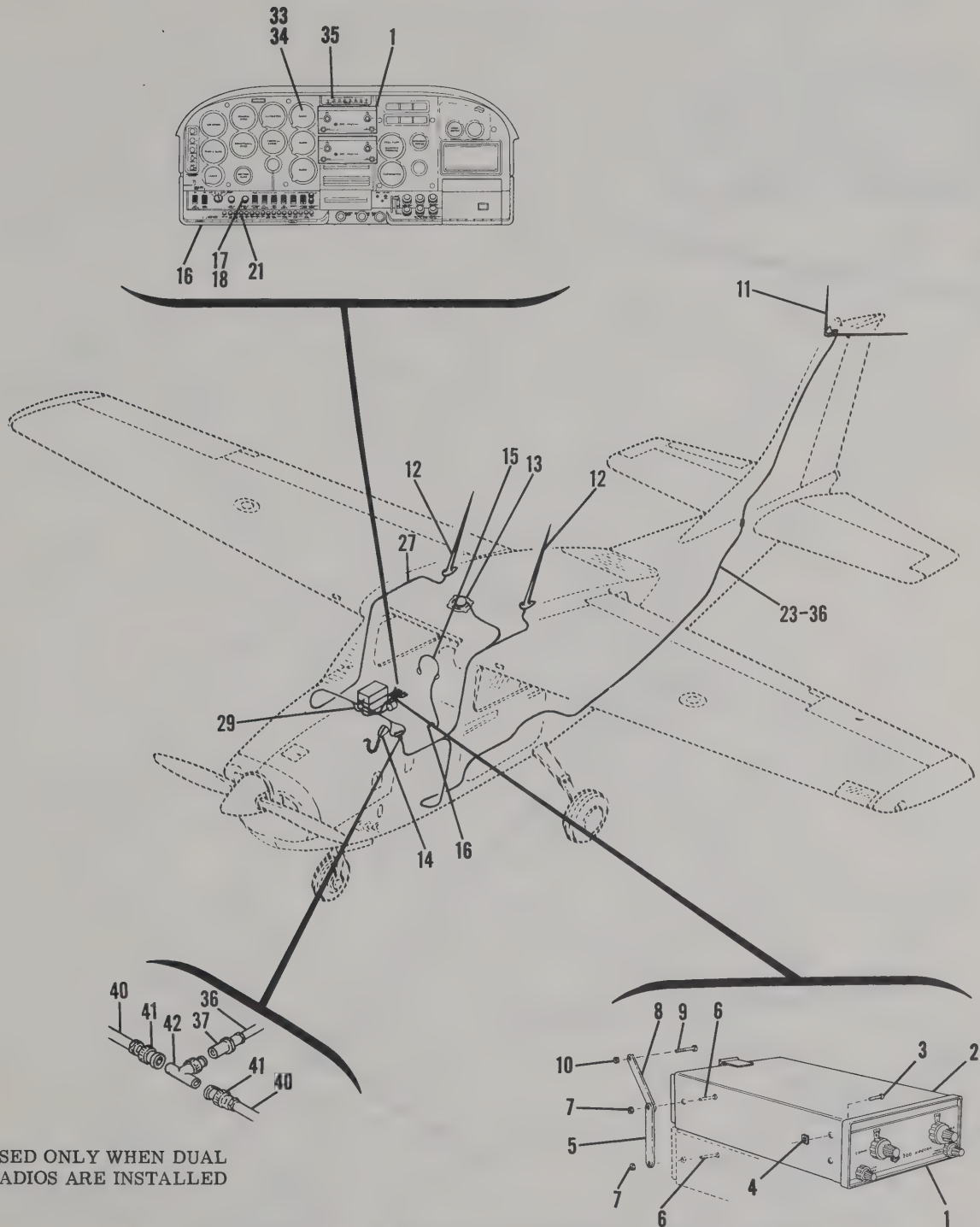
CESSNA 300 NAV/COM RADIO INSTALLATION



P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648

Figure 1-4. Cessna 300 Nav/Com (Type RT-540A or RT-517R) Radio Installation (Sheet 2 of 5)

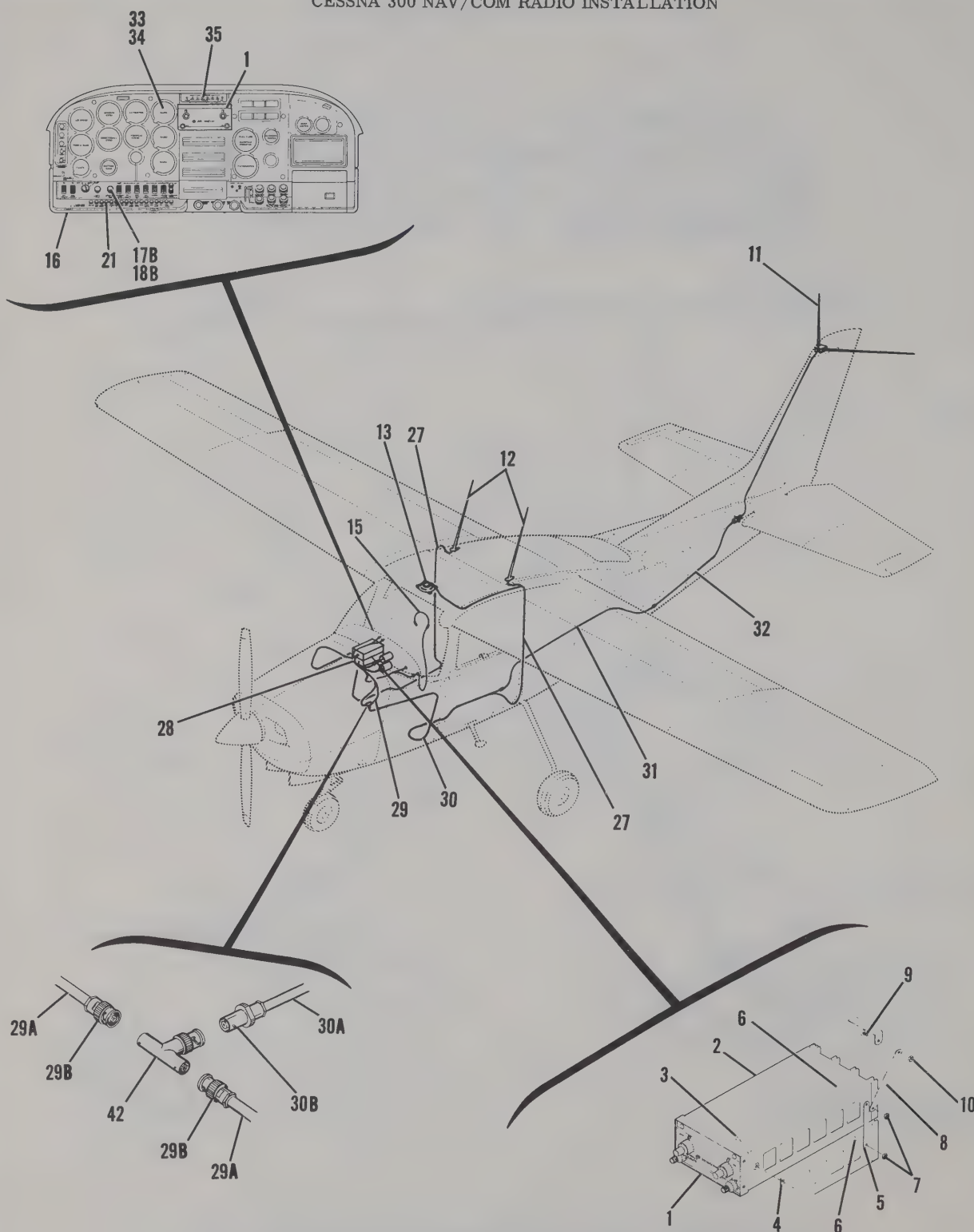
CESSNA 300 NAV/COM RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-4. Cessna 300 Nav/Com (Type RT-540A or RT-517R) Radio Installation (Sheet 3 of 5)

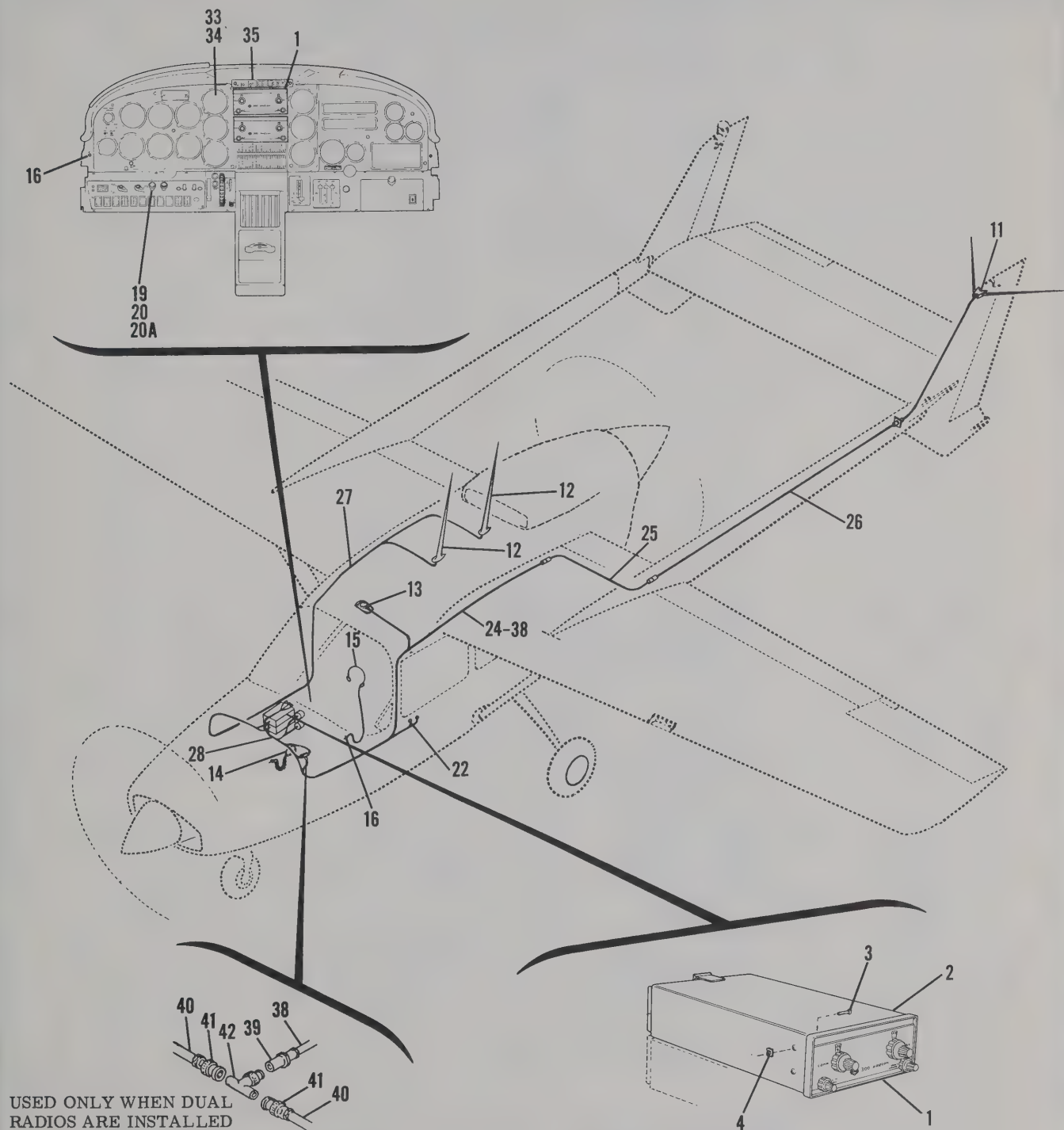
CESSNA 300 NAV/COM RADIO INSTALLATION



210 SERIAL 21059200 THRU 21059351
T210 SERIAL T21059200 THRU T21059351

Figure 1-4. Cessna 300 Nav/Com (Type RT-540A or RT-517R) Radio Installation (Sheet 4 of 5)

CESSNA 300 NAV/COM RADIO INSTALLATION



USED ONLY WHEN DUAL
RADIOS ARE INSTALLED

337 SERIAL 337-0979 THRU 33701316
T337 SERIAL T337-0979 THRU T33701316
F337 SERIAL F33700001 THRU F33700024
FT337 SERIAL FT33700001 THRU FT33700024

Figure 1-4. Cessna 300 Nav/Com (Type RT-540A or RT-517R) Radio Installation (Sheet 5 of 5)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-4 -		CESSNA 300 NAV-COM - TYPES RT-517R OR RT-540A RADIO ----- INSTALLATION THE RT-517R IS NOT INSTALLED ON THE 337 SERIES 1969 THRU MID 1971 MODELS ONLY	NP	
- 1	36120-1114	CESSNA 300 NAV/COM TRANSCEIVERS - REMOTE INDICATOR ----- TRANSCEIVER-90 CHANNEL - 14 VOLT - TYPE RT-517R -----	NP	
	37600-1114	TRANSCEIVER-360 CHANNEL - 14 VOLT - TYPE RT-540A ----- INCLUDES G.S. AND DME SWITCHING WAFERS AND RECEPTACLE FOR WIRE HARNESS ARC	AR	
	37600-1128	TRANSCEIVER-360 CHANNEL-28 VOLT-TYPE RT-540A ----- INCLUDES G.S. AND DME SWITCHING WAFERS AND RECEPTACLE FOR WIRE HARNESS ARC	AR	
- 2	32570-0000	MOUNTING - TYPE M-514R ARC -----	1	
	32604-0000	PLUG SUPPLIED WITH MOUNTING - USED WHEN TYPE IN-514R -- INDICATOR IS INSTALLED ARC	1	
	MS3057-10A	CLAMP SUPPLIED WITH MOUNTING - USED WHEN THE TYPE ---- IN-514R INDICATOR IS INSTALLED	1	
	18397-0000	CONNECTOR REPLACES 32604 WHEN TYPE IN-525 GLIDE SLOPE --- INDICATOR IS INSTALLED ARC	1	
	MS3057-12A	CLAMP USED WITH 18397-0000 CONNECTOR WHEN TYPE IN-525A -- GLIDE SLOPE INDICATOR IS INSTALLED ATTACHING PARTS	1	
- 3	AN507-632R8	SCREW -----	2	
- 4	NAS679A06	NUT -----	2	
- 5	1270465-3	SUPPORT STRAP 182, 206 SERIES & 210 SERIES ONLY ----- ATTACHING PARTS	1	
- 6	AN507-632R8	SCREW 182, 206 SERIES & 210 SERIES ONLY -----	2	
- 7	NAS679A06	NUT 182, 206 SERIES & 210 SERIES ONLY -----	2	
- 8	1270465-1	SUPPORT STRAP 182, 206 SERIES & 210 SERIES ONLY ----- ATTACHING PARTS	2	
- 9	AN515-6R6	SCREW -----	4	
-10	NAS679A06	NUT -----	4	
-11	SEE FIG 3-2	OMNI ANTENNA INSTALLATION -----	1	
-12	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
	SEE FIG 5-1	RADIO COOLING INSTALLATION -----	1	
-13	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-14	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-15	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-16	SEE FIG 4-9	PHONE JACK -----	1	
-17	S1880-3	RHEOSTAT 1969 MODELS 182, 206 SERIES & 210 SERIES ONLY -	1	
-17A	S2008-1	RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-17B	S1904-3	RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
	S2091-1	VARIABLE RESISTOR-RADIO DIMMING 1971 & ON MODEL 182, 206 - & 210 SERIES ONLY	1	
-18	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, 206 SERIES & ----- 210 SERIES ONLY	1	
-18A	S1995-1	KNOB-RHEOSTAT 1970 & ON MODELS 182 & 206 SERIES ONLY ---	1	
-18B	S1980-1	KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
	S1995-4	KNOB-RHEOSTAT 1971 & ON MODEL 182, 206 & 210 SERIES ONLY-	1	
-19	1570164-1	SWITCH ASSY RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
-20	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
-20A	S1980-3	KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	
-21	S1360-15	CIRCUIT BREAKER 182, 206 SERIES & 210 SERIES ONLY -----	1	
-22	S1360-8	CIRCUIT BREAKER 337 SERIES ONLY -----	1	

CONTINUED ON NEXT PAGE

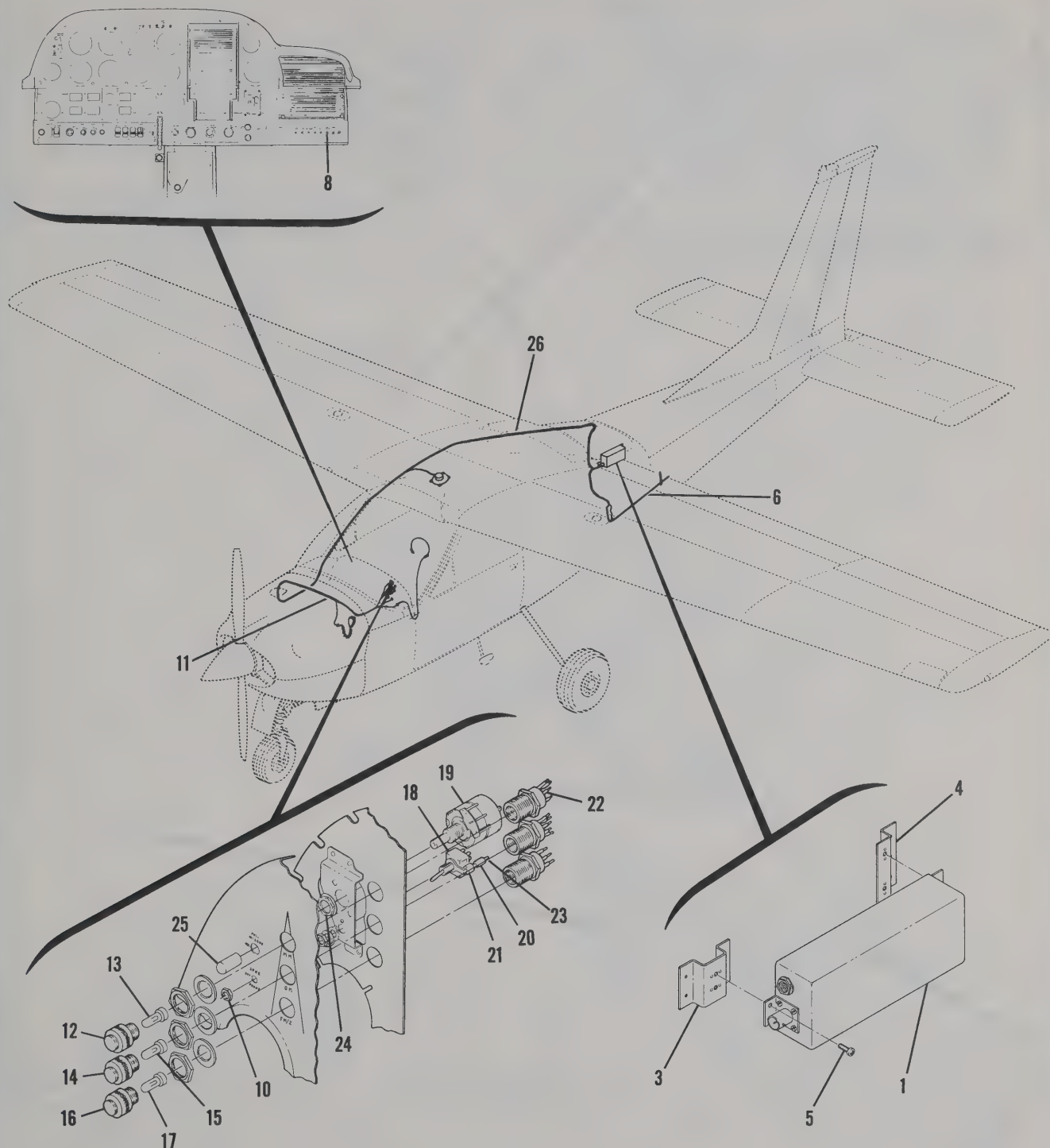
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-4 -	36300-0000	GLIDE SLOPE PIGTAIL KIT ARC -----	1	
-23		CABLE ASSY - TRANSCEIVER TO BALUN STUB -----	NP	
		ALL MODELS EXCEPT 337 SERIES & 1970 & ON 210 SERIES		
	RG-58A/U	COAXIAL CABLE-BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL - CONNECTS TO BALUN STUB CONNECTOR -----	1	
		182 & 206 SERIES ONLY		
	UG-1050/U	CONNECTOR-COAXIAL - CONNECTS TO TRANSCEIVER -----	1	
-24		CABLE ASSY - TRANSCEIVER TO OMNI CABLE CONNECTION AT WING ---	NP	
		ROOT 337 & T337 ONLY		
	RG-58A/U	COAXIAL CABLE - BULK ITEM -----	AR	
	UG-1050/U	CONNECTOR-COAXIAL - CONNECTS TO TRANSCEIVER -----	1	
	UG-88C/U	PLUG-COAXIAL - CONNECTS TO WING ROOT CONNECTION -----	1	
-25		CABLE ASSY - WING ROOT TO BOOM CONNECTION - SUPPLIED -----	NP	
		ON AIRCRAFT AS STANDARD EQUIPMENT 337 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE - BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL -----	1	
	UG-89/U	RECEPTACLE-COAXIAL -----	1	
-26		CABLE ASSY - BOOM CONNECTION TO BALUN STUB 337 -----	NP	
		SERIES ONLY		
	RG-58A/U	COAXIAL CABLE - BULK ITEM -----	AR	
	UG-89/U	RECEPTACLE-COAXIAL -----	1	
	UG-88C/U	PLUG-COAXIAL -----	1	
-27		CABLE ASSY - TRANSCEIVER TO VHF ANTENNA -----	NP	
	RG-58A/U	COAXIAL CABLE - BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL - ANT END -----	1	
		SERIES ONLY		
	UG-913/U	PLUG-COAXIAL - RIGHT ANGLE - ANT END 182, -----	1	
		206 SERIES & 210 SERIES ONLY		
	UG-1051/U	CONNECTOR-COAXIAL - CONNECTS TO TRANSCEIVER -----	1	
-28		CABLE ASSY - MAIN CABLE ASSY -----	NP	
	29747-0026	CONNECTOR - TRANSCEIVER END 300 NAV/COM -----	AR	
		TYPES RT-540A AND RT-517R		
	32604-0000	PLUG - REMOTE INDICATOR END 300 NAV/COM -----	AR	
		TYPE IN-514R INDICATOR		
	MS3057-10A	CLAMP-REMOTE INDICATOR END 300 NAV/COM -----	AR	
		TYPE IN-514R INDICATOR		
	18397-0000	CONNECTOR REPLACES 32604-0000 WHEN TYPE IN-525 -----	1	
		GLIDE SLOPE INDICATOR IS INSTALLED		
	S1641-9	HOUSING CONNECTS TO GLIDE SLOPE CABLE -----	1	
-29		OMNI CABLE ASSY TRANSCEIVER TO PIG TAIL END -----	NP	
		1970 & ON 210 SERIES ONLY		
-29A	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	29752	CONNECTOR CONNECTS TO TRANSCEIVER -----	1	
-29B	UG-88C/U	CONNECTOR-COAXIAL CONNECTS TO PIG TAIL END -----	1	
-30		OMNI CABLE ASSY CONNECTS BETWEEN PIGTAIL AND STA. -----	NP	
		55.62 1970 & ON 210 SERIES ONLY		
-30A		COAXIAL CABLE BULK ITEM -----	AR	
-30B	UG-89/U	JACK-COAXIAL CONNECTS TO PIG TAIL CONNECTOR -----	1	
	UG-88C/U	PLUG-COAXIAL CONNECTS TO CABLE AT STA. 55.62 -----	1	
-31		OMNI ANTENNA CABLE ASSY CONNECTS BETWEEN STA. 55.62 AND -	NP	
		STA. 152.20 1970 & ON 210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	JACK-COAXIAL CONNECTS TO CABLE AT STA. 55.62 -----	1	
	UG-291/U	JACK-FLANGE MOUNT COAXIAL CONNECTS TO CABLE -----	1	
		AT STA. 152.20		
-32		OMNI ANTENNA CABLE ASSY CONNECTS TO STA. 152.20 AND -----	NP	
		BALUN STUB 1970 & ON 210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL -----	2	
-33	31640-0000	INDICATOR - VOR/LOC - TYPE IN-514R USED ON 300 NAV/COM --	AR	
		TYPES RT-540A AND RT-517R ARC		
-34	32350-0000	INDICATOR - VOR/LOC-ILS - TYPE IN-525A ARC -----	AR	
		USED ON 300 NAV/COM		
		ATTACHING PARTS		
	AN515B6R10	SCREW -----	3	
	NAS487-20	NUT -----	3	
		---*---		
		CONTINUED ON NEXT PAGE		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-4 -		DUAL RADIO INSTALLATION - THE FOLLOWING PARTS ARE ----- REQUIRED IN ADDITION TO THOSE REQUIRED FOR A SINGLE RADIO INSTALLATION. ITEM 36 REPLACES ITEM 23 WHEN DUAL RADIOS ARE INSTALLED	NP	
-35	SEE SEC 4	TRANSMITTER SELECTOR SWITCH & AUDIO AMPLIFIER INSTL ----- CABLE ASSY-OMNI TEE ADAPTER TO BALUN STUB REPLACES ITEM 23 WHEN DUAL RADIOS ARE INSTALLED ALL RADIOS EXCEPT 337 SERIES & 1970 & ON 210 SERIES	1	
-36	RG-58A/U UG-88C/U	COAXIAL CABLE - BULK ITEM ----- PLUG-COAXIAL - CONNECTS TO BALUN CONNECTOR ----- 182 & 206 SERIES ONLY	AR AR	
-37	UG-89/U	JACK-COAXIAL - CONNECTS TO TEE ADAPTER -----	1	
-38		CABLE ASSY-OMNI TEE ADAPTER TO OMNI CABLE CONNECTION ----- AT WING ROOT REPLACES ITEM 24 WHEN DUAL RADIOS ARE INSTALLED 337 SERIES ONLY	NP	
	RG-58A/U UG-88C/U	COAXIAL CABLE - BULK ITEM ----- PLUG-COAXIAL - CONNECTS TO WING ROOT CONNECTION -----	AR 1	
-39	UG-89/U	JACK-COAXIAL - CONNECTS TO TEE ADAPTER ----- CABLE ASSY - TRANSCEIVER TO OMNI TEE ADAPTER ALL MODELS - EXCEPT 1970 & ON 210 SERIES	1 NP	
-40	RG-58A/U	COAXIAL CABLE - TWO LEADS 17 INCHES LONG-BULK ITEM -----	AR	
-41	UG-88C/U	PLUG-COAXIAL - TEE ADAPTER END -----	2	
-42	UG-1050/U UG-274/U S2086-1 S1832-2	CONNECTOR-COAXIAL - TRANSCEIVER END ----- TEE ADAPTER - OMNI ----- ANTENNA COUPLER ----- HOUSING 36 PIN - P4 USED ON MAIN CABLE ASSY ----- ON SECOND INSTL REPLACES S1838-2	1 1 1 1	A A
		A---ALL MODELS THRU 1970 ONLY B---ALL 1971 & ON MODELS		

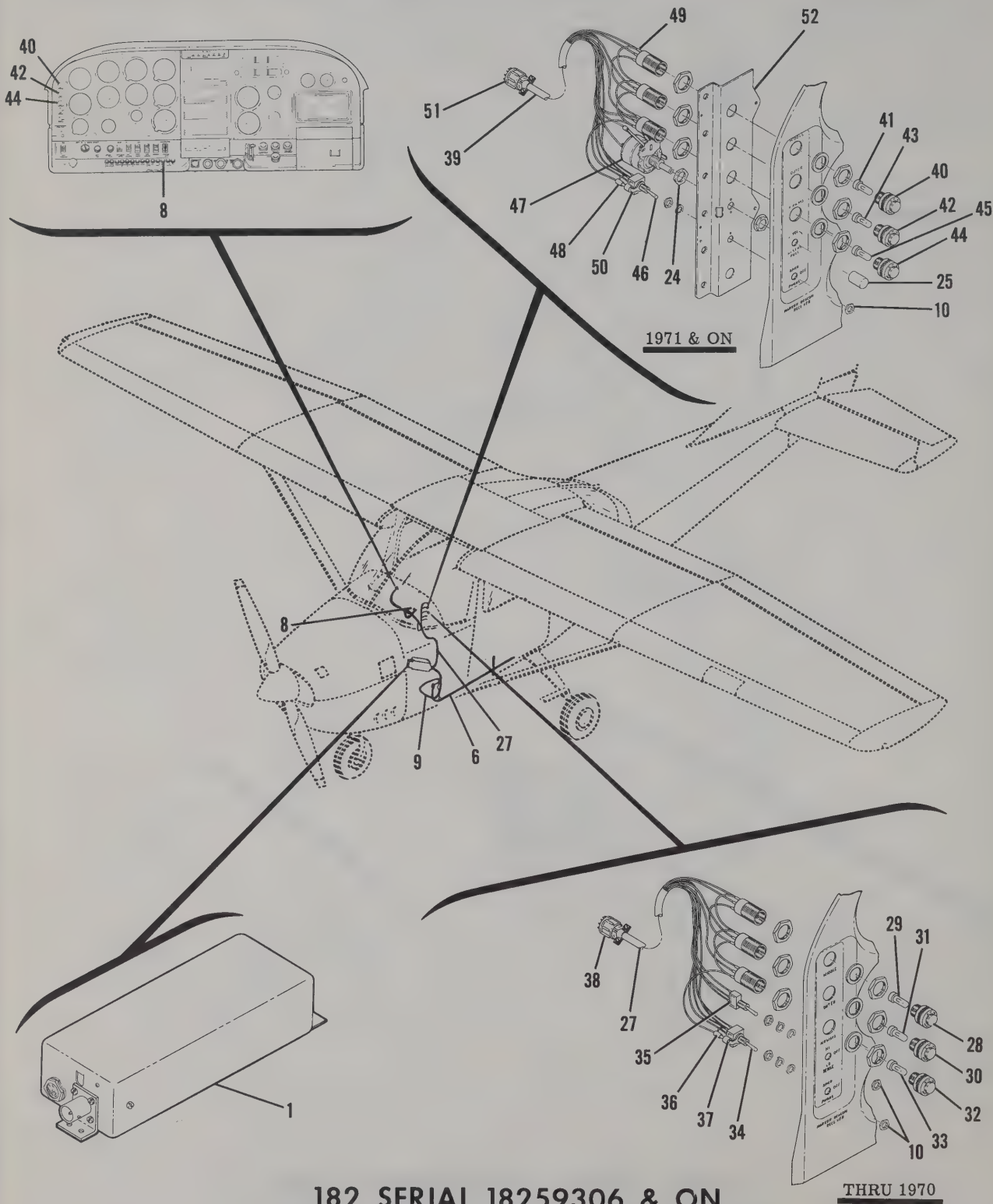
CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-5. Cessna 300 Marker Beacon (Type R-502B) Receiver Installation (Sheet 1 of 6)

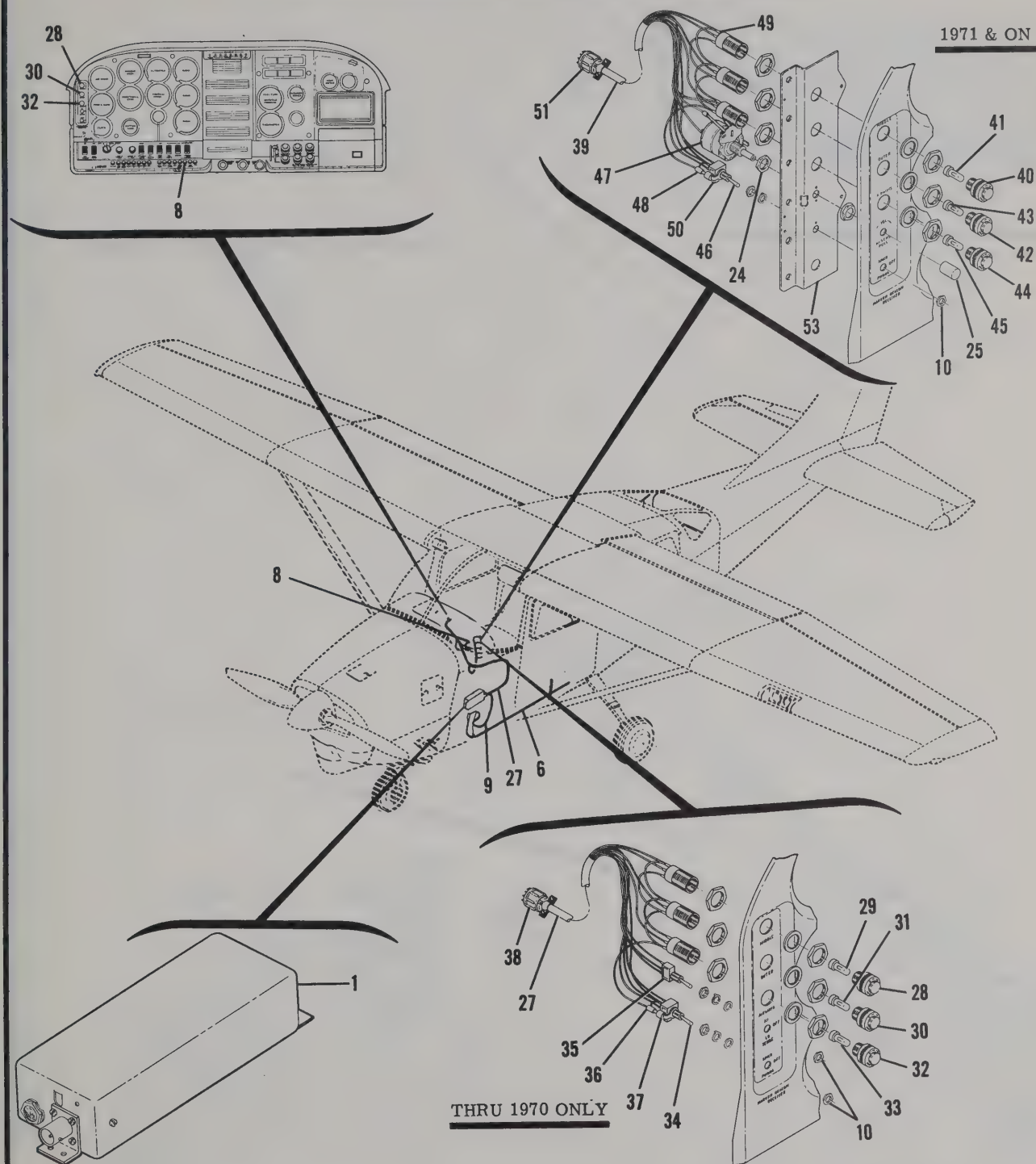
CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



**182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON**

Figure 1-5. Cessna 300 Marker Beacon (Type R-502B) Receiver Installation (Sheet 2 of 6)

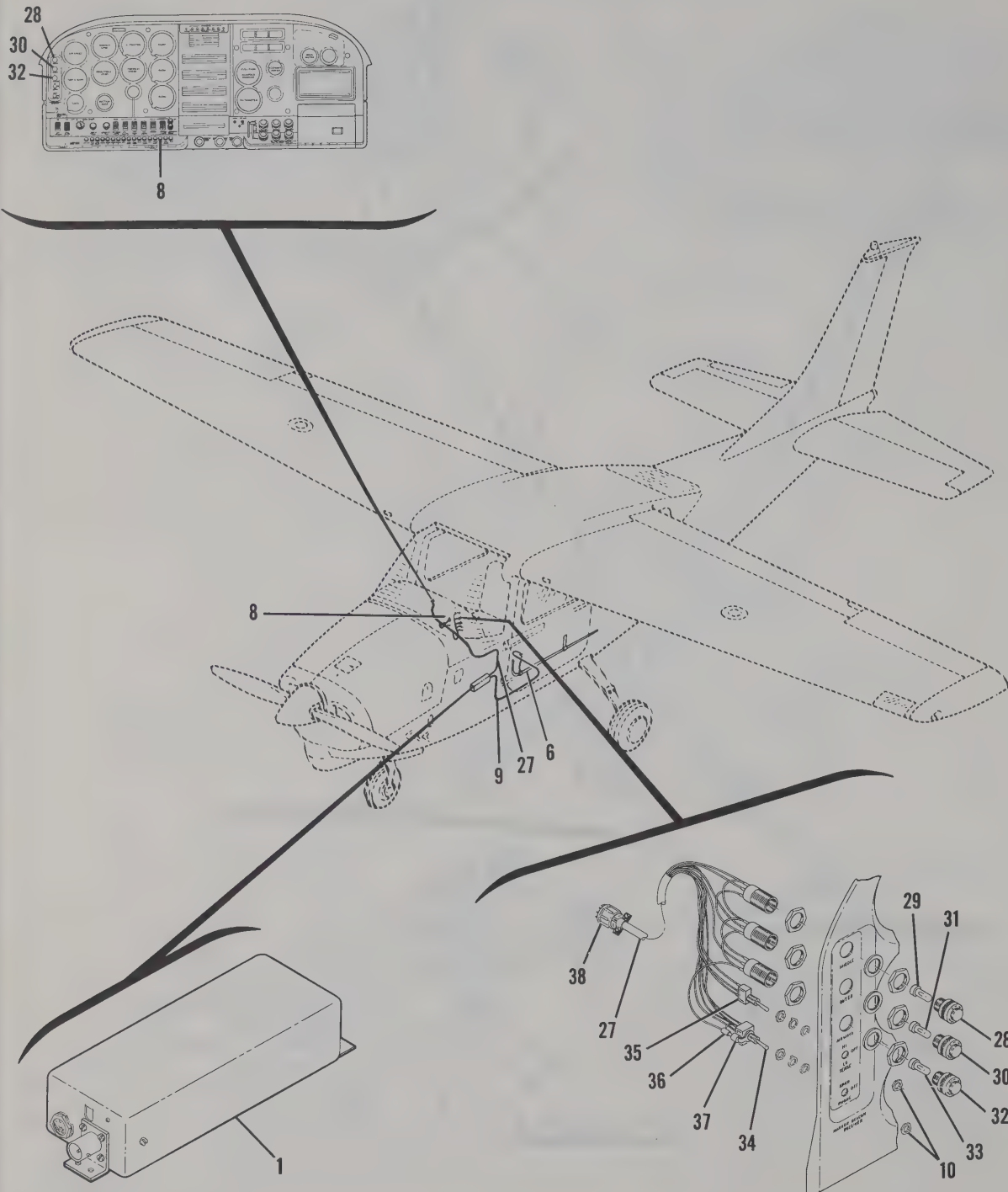
CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON

Figure 1-5. Cessna 300 Marker Beacon (Type R-502B) Receiver Installation (Sheet 3 of 6)

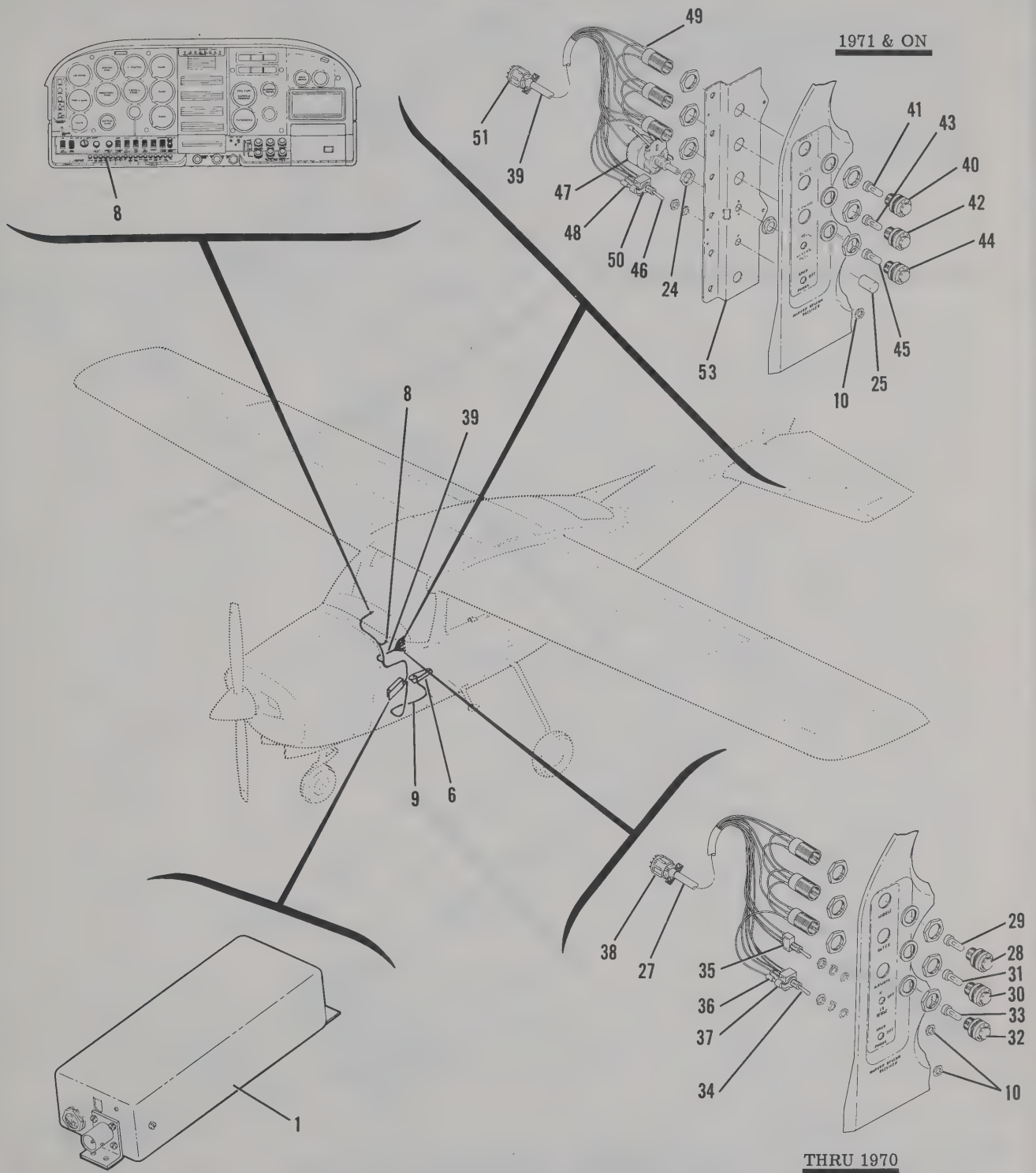
CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-5. Cessna 300 Marker Beacon (Type R-502B) Receiver Installation (Sheet 4 of 6)

CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-5. Cessna 300 Marker Beacon (Type R-502B) Receiver Installation (Sheet 5 of 6)

CESSNA MARKER BEACON 300 RECEIVER INSTALLATION

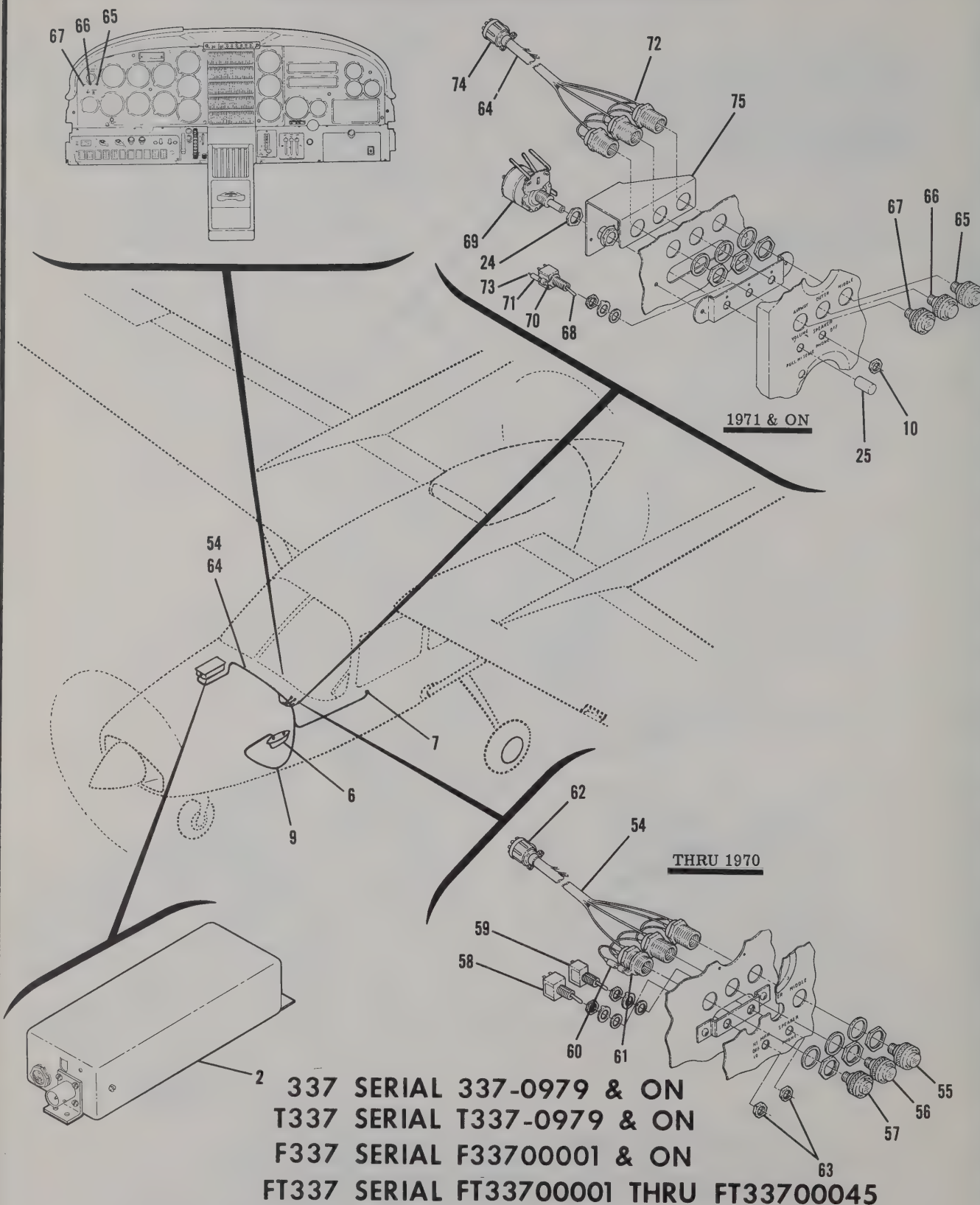


Figure 1-5. Cessna 300 Marker Beacon (Type R-502B) Receiver Installation (Sheet 6 of 6)

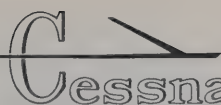


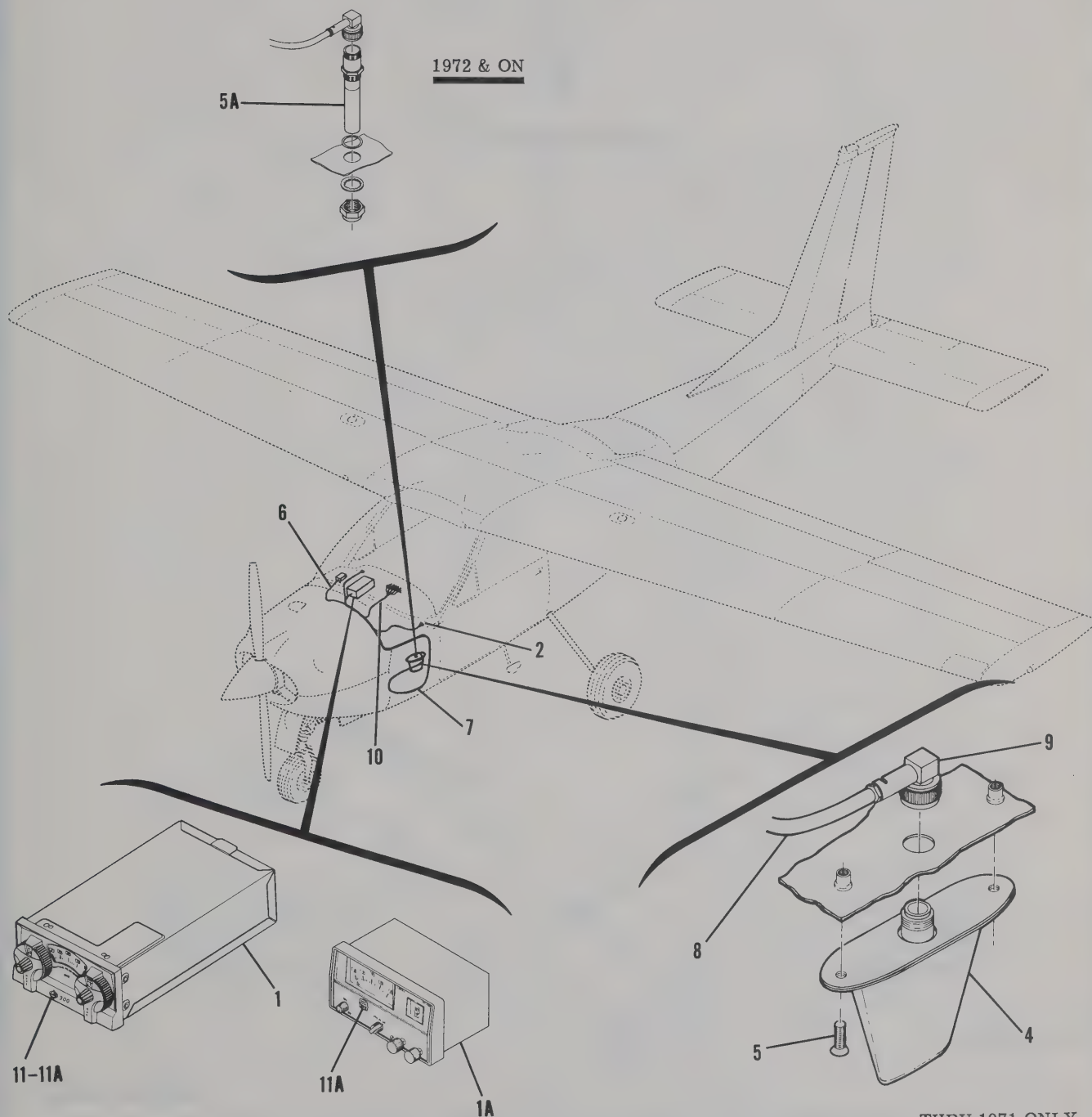
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-5 -		CESSNA 300 MARKER BEACON INSTALLATION ALL MODELS -----	NP	
- 1	31240-0014	MARKER BEACON RECEIVER-TYPE R-502B-14 VOLT SYSTEM ARC ---	1	
- 2	31240-0028	MARKER BEACON RECEIVER-TYPE R-502B-28 VOLT SYSTEM ARC ---	1	
		ATTACHING PARTS		
- 3	1713126-3	SUPPORT ASSY 177RG ONLY -----	1	
- 4	1713126-1	SUPPORT ASSY 177RG ONLY -----	1	
- 5	AN515-6R8	SCREW 177RG ONLY -----	4	
	AN507-632R8	SCREW 182, 206 SERIES & 210 SERIES ONLY -----	4	
	AN515-6R6	SCREW 337 SERIES ONLY -----	4	
	AN960-10L	WASHER 182, 206 SERIES & 210 SERIES ONLY -----	4	
	NAS679A06	NUT -----	4	
		---*---		
- 6	SEE FIG 3-4	MARKER BEACON ANTENNA INSTALLATION -----	1	
- 7	S1360-2	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	A
- 7A	S1360-2L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	B
- 8	S1360-10	CIRCUIT BREAKER-NAV LTS ALL MODELS EXCEPT 337 SERIES -----	1	A
- 8A	S1360-10L	CIRCUIT BREAKER-NAV LTS ALL MODELS EXCEPT 28 VOLT -----	1	B
		AIRCRAFT		
- 9		CABLE ASSY RECEIVER TO ANTENNA -----	NP	
	RG-58A/U	COAXIAL CABLE-BULK ITEM -----	AR	
	UG-88C/U	PLUG TWO REQD ON 337 SERIES AND 1970 & ON 210 SERIES --	1	
	S1367-2-8	TERMINAL ALL MODELS EXCEPT 337 SERIES & 1970 & ON -----	1	
		210 SERIES		
	S1367-1-10	TERMINAL ALL MODELS EXCEPT 337 SERIES & 1970 & ON -----	1	
		210 SERIES		
-10	S1216-3	NUT REPLACES NUT SUPPLIED WITH S1696-2 & S1695-1 -----	2	
		SWITCHES MODELS 177RG, 182, 206 SERIES & 210 SERIES ONLY		
-11	1770000-221	* CABLE ASSY-MARKER BEACON MKR BCN LTS AND AUDIO JUNCTION -	1	
		BOX TO MKR BCN RCVR CABLE 177RG ONLY		
-12	MS25041-4-328	LAMP ASSY-MIDDLE-AMBER LENS -----	1	
-13	MS25237-328	LAMP-MIDDLE -----	1	
-14	MS25041-10-328	LAMP ASSY-OUTER-BLUE LENS -----	1	
-15	MS25237-328	LAMP-OUTER -----	1	
-16	MS25041-1-328	LAMP ASSY-AIRWAYS-WHITE LENS -----	1	
-17	MS25237-328	LAMP-AIRWAYS -----	1	
-18	S1696-2	SWITCH -----	1	
-19	S2062-1	CONTROL -----	1	
	S1838-1	HOUSING CONNECTS TO P-2 ON AUDIO JUNCTION BOX -----	1	
	S1838-3	HOUSING CONNECTS TO P-3 ON AUDIO JUNCTION BOX -----	1	
-20	40 OHM 3W	RESISTOR OM -----	1	
-21	S1367-1-12	TERMINAL -----	1	
-22	S1694-3-0.5	TUBING -----	20	
-23	S1694-3-0.7	TUBING -----	1	
	S1960-1	HOUSING-PLUG -----	1	
	S1963-1	PIN -----	7	
-24	MS25082-20	NUT ALL 1971 & ON MODELS -----	1	
-25	S2093-2	KNOB ALL 1971 & ON MODELS ONLY -----	1	
-26		* CABLE ASSY MKR BCN RCVR TO MKR BCN LTS CABLE -----	NP	
		177RG ONLY		
	28371-0009	PLUG CONNECTS TO MKR BCN RCVR ARC -----	1	
	S1960-2	HOUSING CAP CONNECTS TO MKR BCN LTS CABLE -----	1	
	S1963-2	SOCKET INSERT FOR S1960-2 HOUSING -----	7	
-27	1270475-204	CABLE ASSY-MARKER BEACON THRU 1970 MODELS 182, 206 -----	1	
		SERIES & 210 SERIES ONLY RECEIVER TO MARKER BEACON		
		LIGHTS		
-28	MS25041-4-328	LAMP ASSY-MIDDLE-AMBER LENS -----	1	
-29	MS25237-328	LAMP-MIDDLE -----	1	
-30	MS25041-10-328	LAMP ASSY-OUTER-BLUE LENS -----	1	
-31	MS25237-328	LAMP-OUTER -----	1	
-32	MS25041-1-328	LAMP ASSY-AIRWAYS-WHITE LENS -----	1	
-33	MS25237-328	LAMP-AIRWAYS -----	1	
-34	S1696-2	SWITCH -----	1	
	1270475-296	CABLE ASSY CONNECTS SELECTOR SWITCH INSTL TO AUDIO -----	1	
		JCT BOX		
-35	S1695-1	SWITCH -----	1	
	S1694-3-0.5	TUBING -----	3	
	S1837-1	TERMINAL -----	3	
	S1838-1	HOUSING CONNECTS TO P-2 ON AUDIO JUNCTION BOX -----	1	
-36	40 OHM 3W	RESISTOR OM -----	1	
-37	S1367-1-12	TERMINAL -----	1	
	S1694-3-0.5	TUBING -----	18	
-38	28371-0009	PLUG ARC -----	1	
	S1838-3	HOUSING CONNECTS TO P-3 ON AUDIO JUNCTION BOX -----	1	

CONTINUED ON NEXT PAGE

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-5 -39	1270700-279 *	CABLE ASSY-MARKER BEACON 1971 & ON MODELS 182, 206 & 210-SERIES ONLY RCVR TO MKR BCN LTS	1	
-40	MS25041-4-328	LAMP ASSY-MIDDLE-AMBER LENS -----	1	
-41	MS25237-328	LAMP-MIDDLE -----	1	
-42	MS25041-10-328	LAMP ASSY-OUTER-BLUE LENS -----	1	
-43	MS25237-328	LAMP-OUTER -----	1	
-44	MS25041-1-328	LAMP ASSY-AIRWAYS-WHITE LENS -----	1	
-45	MS25237-328	LAMP-AIRWAYS -----	1	
-46	S1696-2	SWITCH -----	1	
-47	S2062-1	CONTROL -----	1	
	S1838-1	HOUSING -----	1	
	S1838-3	HOUSING -----	1	
-48	40 OHM 3W	RESISTOR OM -----	1	
-49	S1694-3-0.5	SHRINKABLE TUBING -----	18	
-50	S1367-1-12	TERMINAL -----	1	
-51	28371-0009	PLUG SUPPLIED WITH MKR BCN RCVR ARC -----	REF	
-52	0713941-8	SUPPORT ASSY 1971 & ON 182 ONLY -----	REF	
-53	1213169-15	SUPPORT ASSY 1971 & ON 210 SERIES ONLY -----	REF	
-54	1570001-223 *	CABLE ASSY THRU 1970 MODEL 337 SERIES ONLY RECEIVER -	1	
		TO MARKER BEACON LIGHTS		
-55	MS25041-4-328	LAMP ASSY-MIDDLE-AMBER LENS -----	1	
	MS25237-328	LAMP-MIDDLE -----	1	
-56	MS25041-10-328	LAMP ASSY-OUTER-BLUE LENS -----	1	
	MS25237-328	LAMP-OUTER -----	1	
-57	MS25041-1-328	LAMP ASSY-AIRWAYS-WHITE LENS -----	1	
	MS25237-328	LAMP-AIRWAYS -----	1	
-58	S1696-2	SWITCH -----	1	
	1570001-2017	CABLE ASSY-MARKER BEACON CONNECTS SELECTOR SW & AUDIO -	1	
		JCT BOX		
-59	S1695-1	SWITCH -----	1	
	S1694-3-0.5	TUBING -----	3	
	S1837-1	TERMINAL -----	3	
	S1838-1	HOUSING CONNECTS TO P-2 ON AUDIO JUNCTION BOX -----	1	
-60	82 OHM 2W	RESISTOR OM -----	1	
-61	28487	TERMINAL -----	1	
	S1694-3-0.5	TUBING -----	18	
-62	28371-0009	PLUG ARC -----	1	
	S1838-3	HOUSING CONNECTS TO P-3 ON AUDIO JUNCTION BOX -----	1	
-63	S1216-3	NUT REPLACES NUT SUPPLIED WITH S1696-2 & S1695-1 -----	2	
		SWITCHES		
-64	1570001-2030 *	CABLE ASSY-MARKER BEACON 1971 & ON 337 SERIES ONLY -----	1	
-65	MS25041-4-328	LAMP ASSY-MIDDLE-AMBER LENS -----	1	
	MS25237-328	LAMP-MIDDLE -----	1	
-66	MS25041-10-328	LAMP ASSY-OUTER-BLUE LENS -----	1	
	MS25237-328	LAMP-OUTER -----	1	
-67	MS25041-1-328	LAMP ASSY-AIRWAYS-WHITE LENS -----	1	
	MS25237-328	LAMP-AIRWAYS -----	1	
-68	S1696-2	SWITCH -----	1	
-69	S2062-1	CONTROL -----	1	
	S1838-2	HOUSING -----	1	
-70	28487	TERMINAL ARC -----	1	
-71	82 OHM 2W	RESISTOR OM -----	1	
-72	S1694-3-0.5	SHRINKABLE TUBING -----	14	
-73	S1694-5-0.5	SHRINKABLE TUBING -----	2	
-74	28371-0009	PLUG SUPPLIED WITH MKR BCN RCVR ARC -----	REF	
-75	1570222-1	BRACKET 1971 & ON 337 SERIES ONLY -----	1	
NOTE *				
1. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS				
A---THRU 1971 MODELS ONLY				
B---1972 & ON MODELS ONLY				

CESSNA 300 DME RADIO INSTALLATION



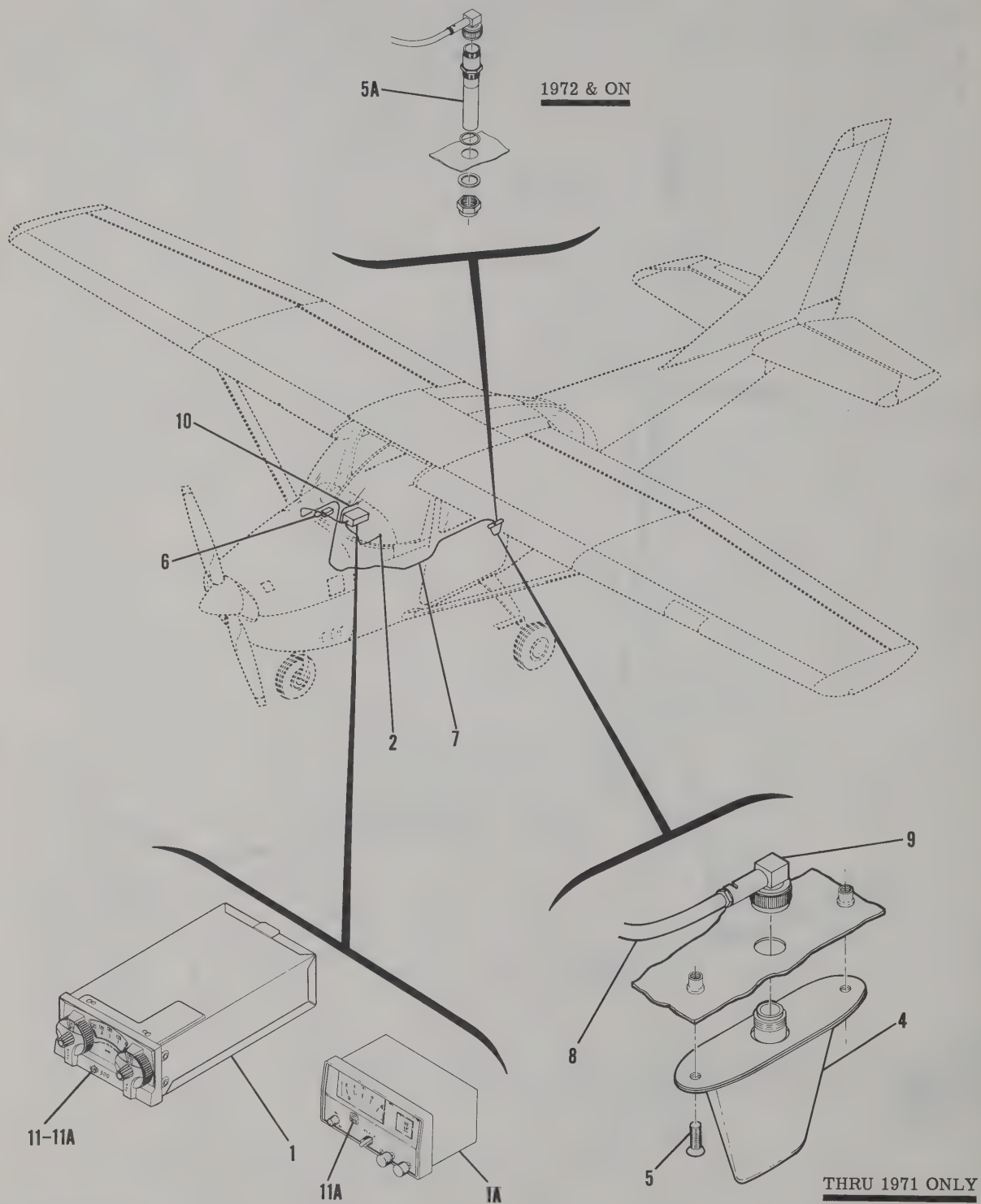
1972 & ON

THRU 1971 ONLY

**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 1 of 6)

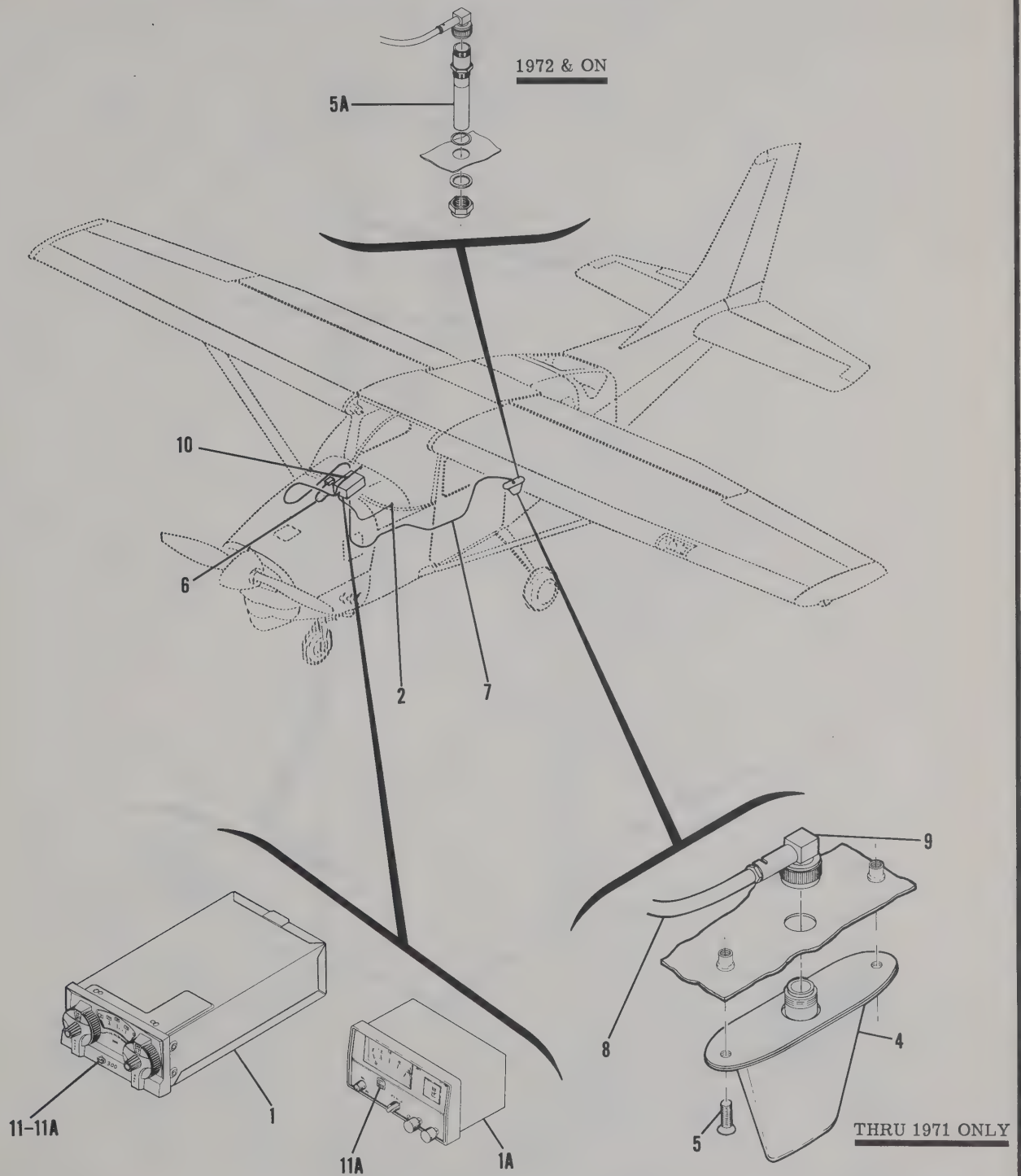
CESSNA 300 DME RADIO INSTALLATION



182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 2 of 6)

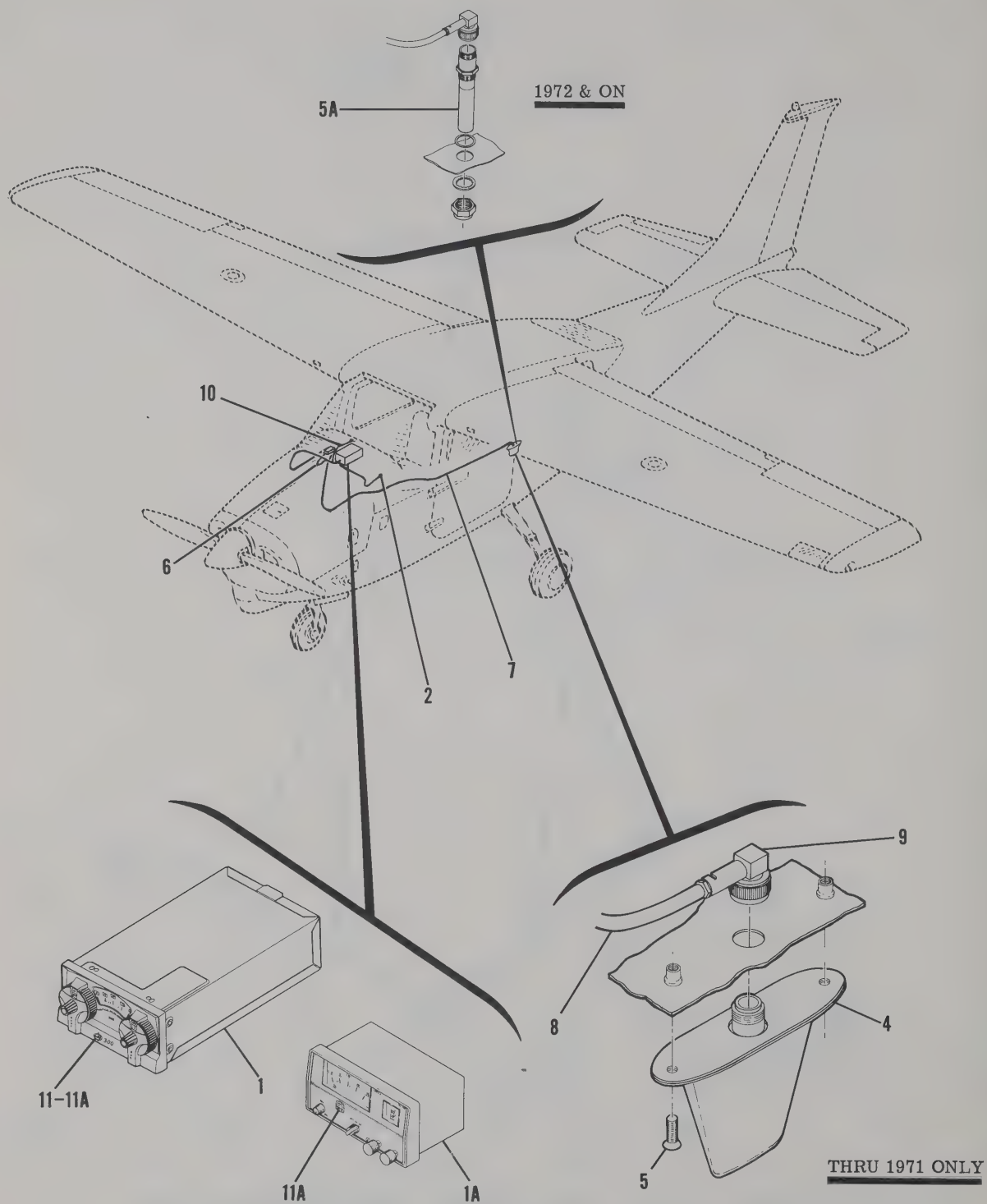
CESSNA 300 DME RADIO INSTALLATION



P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 3 of 6)

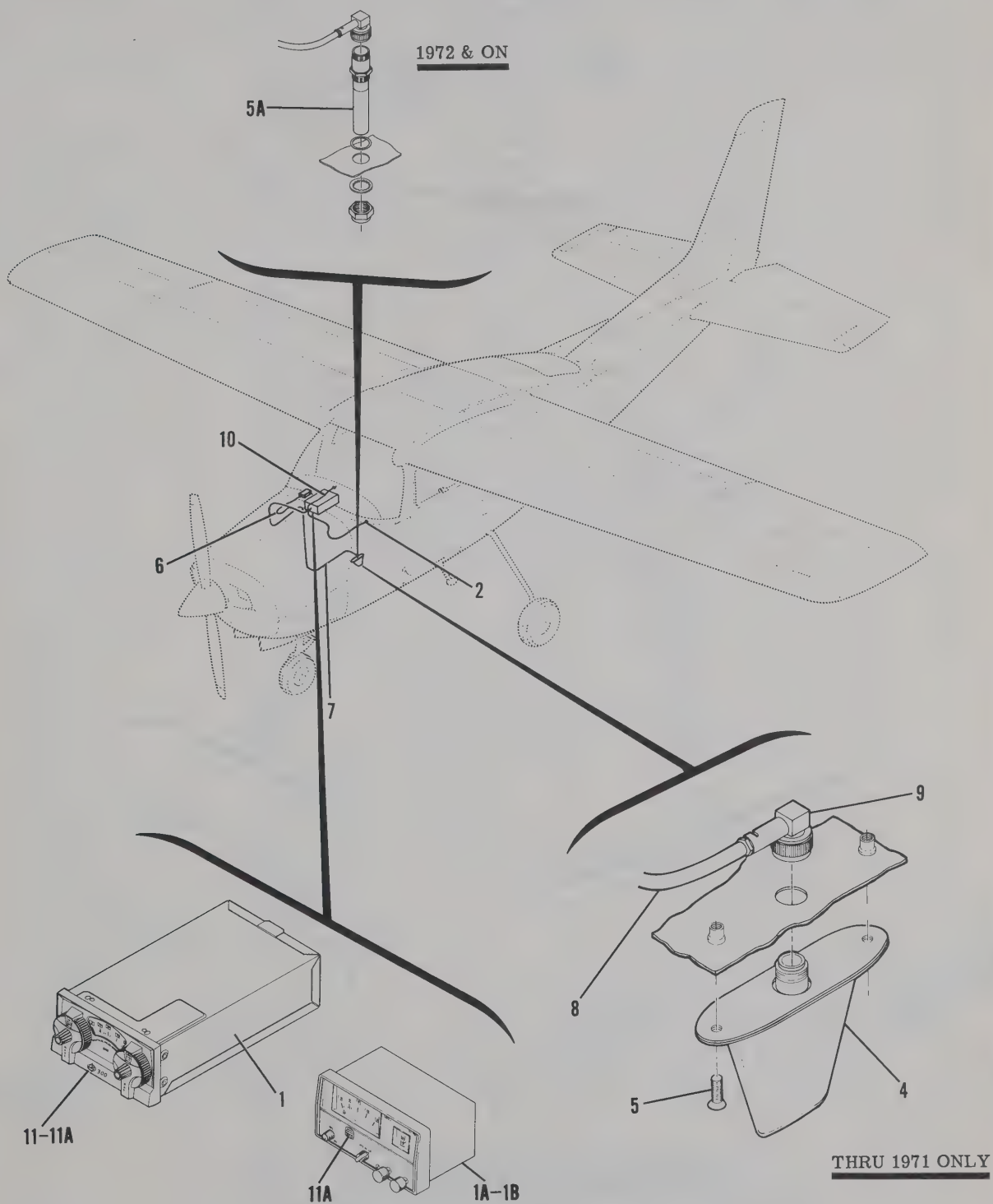
CESSNA 300 DME RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 4 of 6)

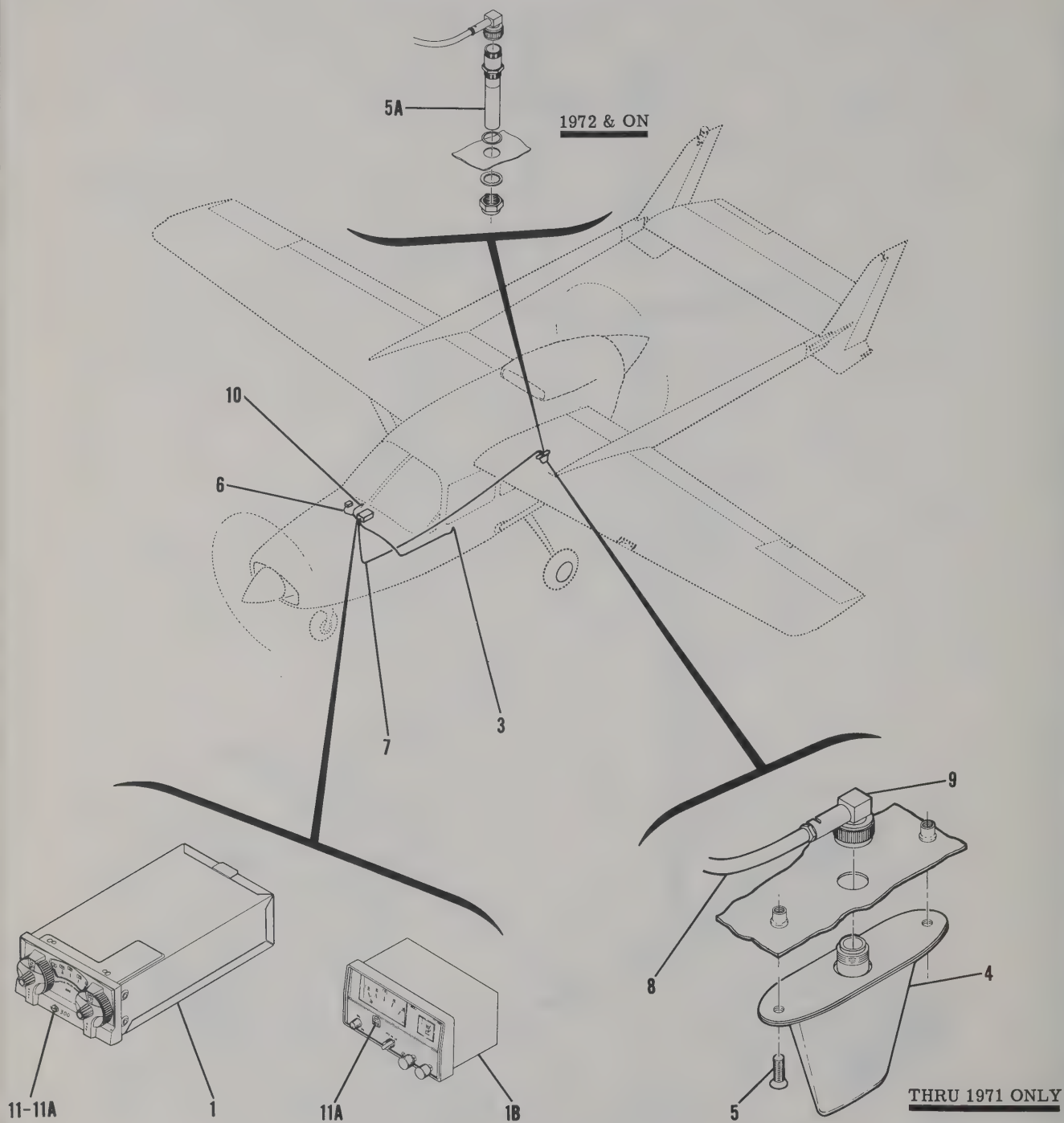
CESSNA 300 DME RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 5 of 6)

CESSNA 300 DME RADIO INSTALLATION



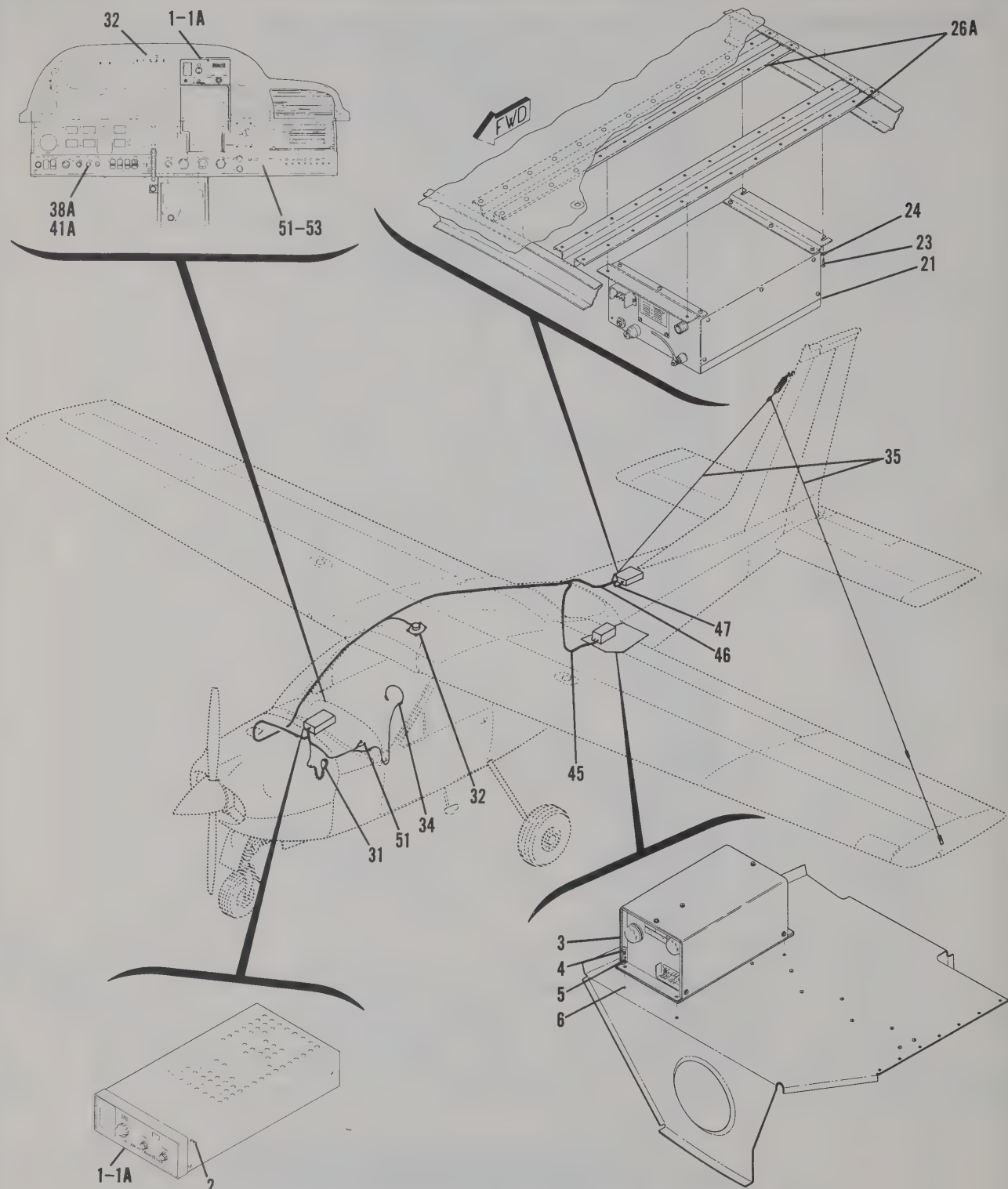
337 SERIAL 337-0979 & ON
 T337 SERIAL T337-0979 & ON
 F337 SERIAL F33700001 & ON
 FT337 SERIAL FT33700001 THRU FT33700045

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 6 of 6)



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-6 -		CESSNA DME 300 -TYPE KN-60 - RADIO INSTALLATION ALL MODELS--	NP	
- 1	C582602-0201	DME RECEIVER-TYPE KN-60B WHEN EXHAUSTED USE -----	1	A
		C582602-0301 OR C582602-0302		
- 1A	C582602-0301	DME RECEIVER-TYPE KN-60C SUPPLIED IN 14 VOLT -----	1	B
		CONFIGURATION WITH LOW SPEED SCALE		
- 1B	C582602-0302	DME RECEIVER-TYPE KN-60C SUPPLIED IN 28 VOLT -----	1	B
		CONFIGURATION WITH LOW SPEED SCALE		
		ATTACHING PARTS		
	S1021Z8-6	SCREW -----	4	
	NAS446-4-3	NUT -----	4	
		-----*		
- 2	S1360-10	CIRCUIT BREAKER ALL MODELS EXCEPT 337 SERIES -----	1	A
	S1360-10L	CIRCUIT BREAKER 12 VOLT AIRCRAFT ONLY -----	1	B
- 3	S1360-5	CIRCUIT BREAKER 337 SERIES ONLY -----	1	A
	S1360-5L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	B
- 3A	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
- 4	KA-32	DME ANTENNA USED ONLY WITH ITEM 1 KG -----	1	A
		ATTACHING PARTS		
	S1648A08K75	RIVNUT -----	2	
	AN93686	WASHER -----	2	
- 5	AN507-832R10	SCREW -----	2	
		-----*		
- 5A	C589507-0101	DME ANTENNA USED ONLY WITH ITEMS 1A OR 1B -----	1	B
	SEE FIG 5-1	RADIO COOLING INSTALLATION -----	1	
	SEE FIG 4-1	SELECTOR SWITCH & ISOLATION AMPLIFIER INSTALLATION -----	1	
- 6		CABLE ASSY-DME RECEIVER PIGTAIL TO AUDIO JUNCTION BOX -----	NP	
	030-2043-00	PLUG-8 PIN KG -----	1	
	S1838-3	HOUSING ATTACHES TO P3 ON AUDIO JUNCTION BOX -----	1	
- 7		CABLE ASSY-DME RECEIVER PIGTAIL TO DME ANTENNA -----	NP	A
- 8	024-0001-00	RF CABLE KG WHEN EXHAUSTED USE AMPHENOL 21-004 -----	1	
		WITH FIRST ALTERNATE REGO RG-8/U FOAM CABLE AND		
		SECOND ALTERNATE COLUMBIA WIRE PRODUCTS CO., NO. 1198		
- 9	030-0024-00	CONNECTOR ATTACHES TO ANTENNA KG -----	1	
	030-0020-01	CONNECTOR ATTACHES TO RECEIVER PIGTAIL KG -----	1	
-10	0570400-2005	CABLE ASSY-AUDIO JUNCTION BOX TO DME SPEAKER/PHONE SWITCH ---	NP	
	S1695-2	SWITCH -----	1	
	S1837-1	TERMINALS -----	3	
	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
	S1838-1	HOUSING ATTACHES TO P2 ON AUDIO JUNCTION BOX -----	1	
	S1216-3	NUT-DECORATIVE -----	1	
	S1880-3	RHEOSTAT 1969 MODELS 182, 206 SERIES & 210 SERIES ONLY -	1	
	S2008-1	RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
	S1904-3	RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
	S1880-1	RHEOSTAT-RADIO DIMMING 1971 & ON MODEL 177RG ONLY -----	1	
	S2091-1	VARIABLE RESISTOR-RADIO DIMMING 1971 & ON MODEL 182, 206- & 210 SERIES ONLY -----	1	
	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, 206 SERIES & ----- 210 SERIES ONLY	1	
	S1995-1	KNOB-RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
	S1980-1	KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
	S1980-3	KNOB-RHEOSTAT 1971 & ON MODEL 177RG ONLY -----	1	
	AN565B8H3	SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY -----	1	
	S1995-4	KNOB-RHEOSTAT 1971 & ON MODEL 182, 206 & 210 ----- SERIES ONLY	1	
	AN565B2H3	SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 182, 206 & 210 -- SERIES ONLY	1	
	1570164-1	SWITCH ASSY RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
	S1980-3	KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	
	AN565D8H2	SET SCREW-RHEOSTAT KNOB 1970 & ON MODEL 337 SERIES ONLY -	1	
-11	S1467-1	BUTTON THRU 1970 MODELS ONLY -----	1	
-11A	S2042-2	BUTTON 1971 MODELS & ON -----	1	
		NOTES *		
		1. REFER TO THE APPROPRIATE PARTS CATALOG FOR		
		1972 & ON RADIO DIMMING RHEOSTATS & KNOBS.		
		2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN		
		SECTION VII OF THIS MANUAL FOR ELECTRICAL		
		CONNECTORS AND WIRING APPLICABLE TO 1972 & ON		
		MODELS.		
		A---THRU 1971 MODELS ONLY		
		B---1972 & ON MODELS ONLY		

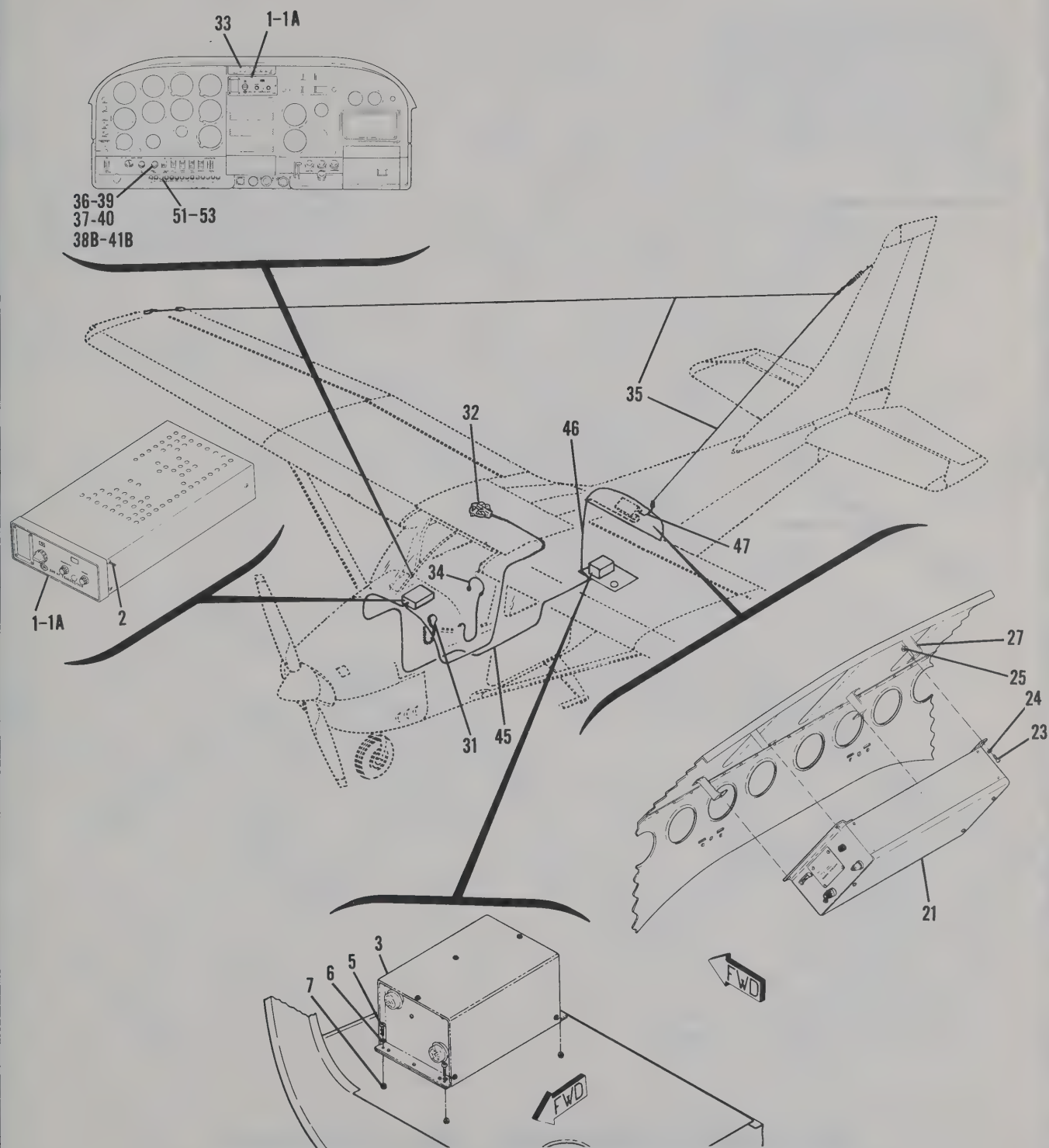
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 1 of 7)

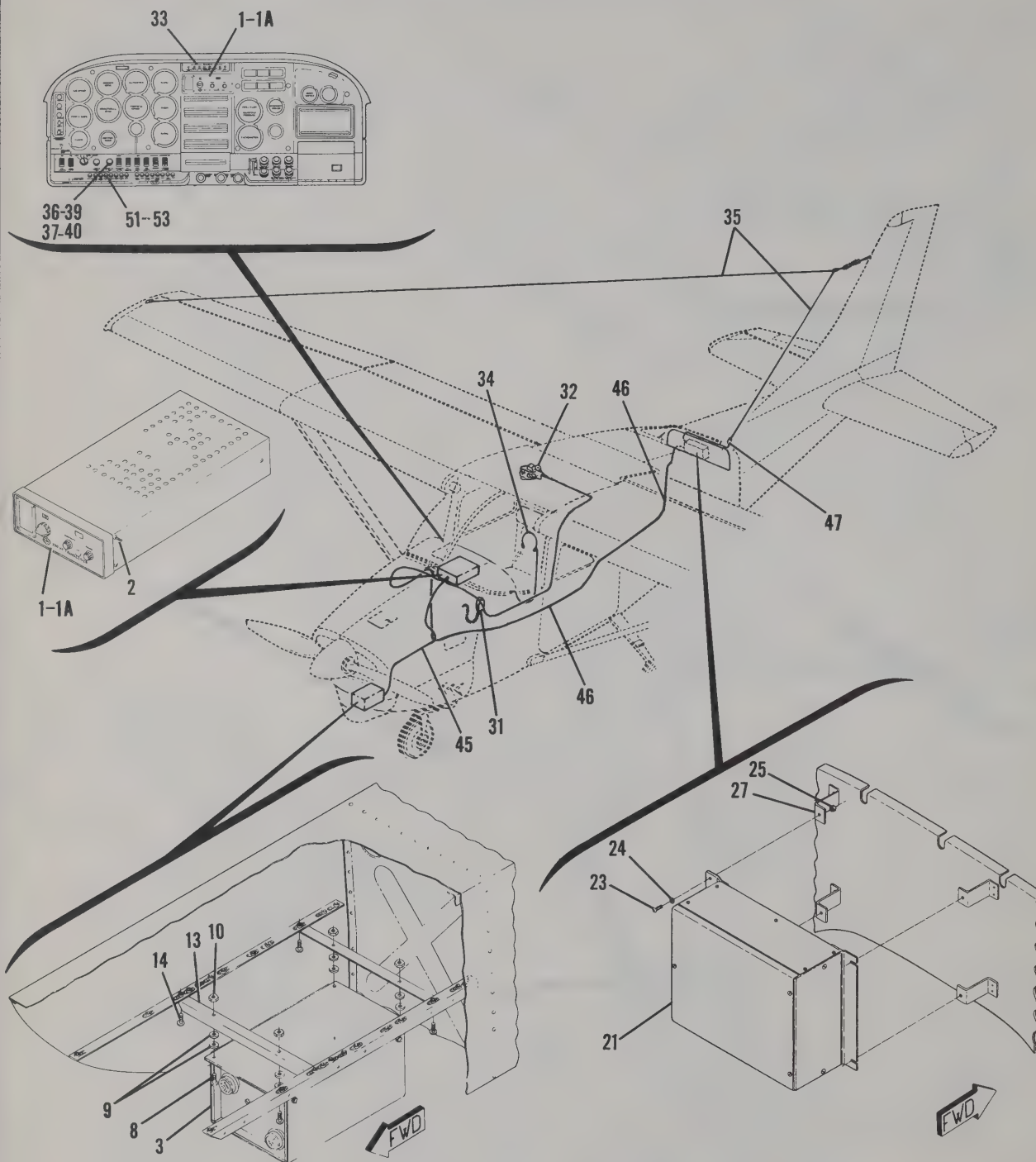
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 2 of 7)

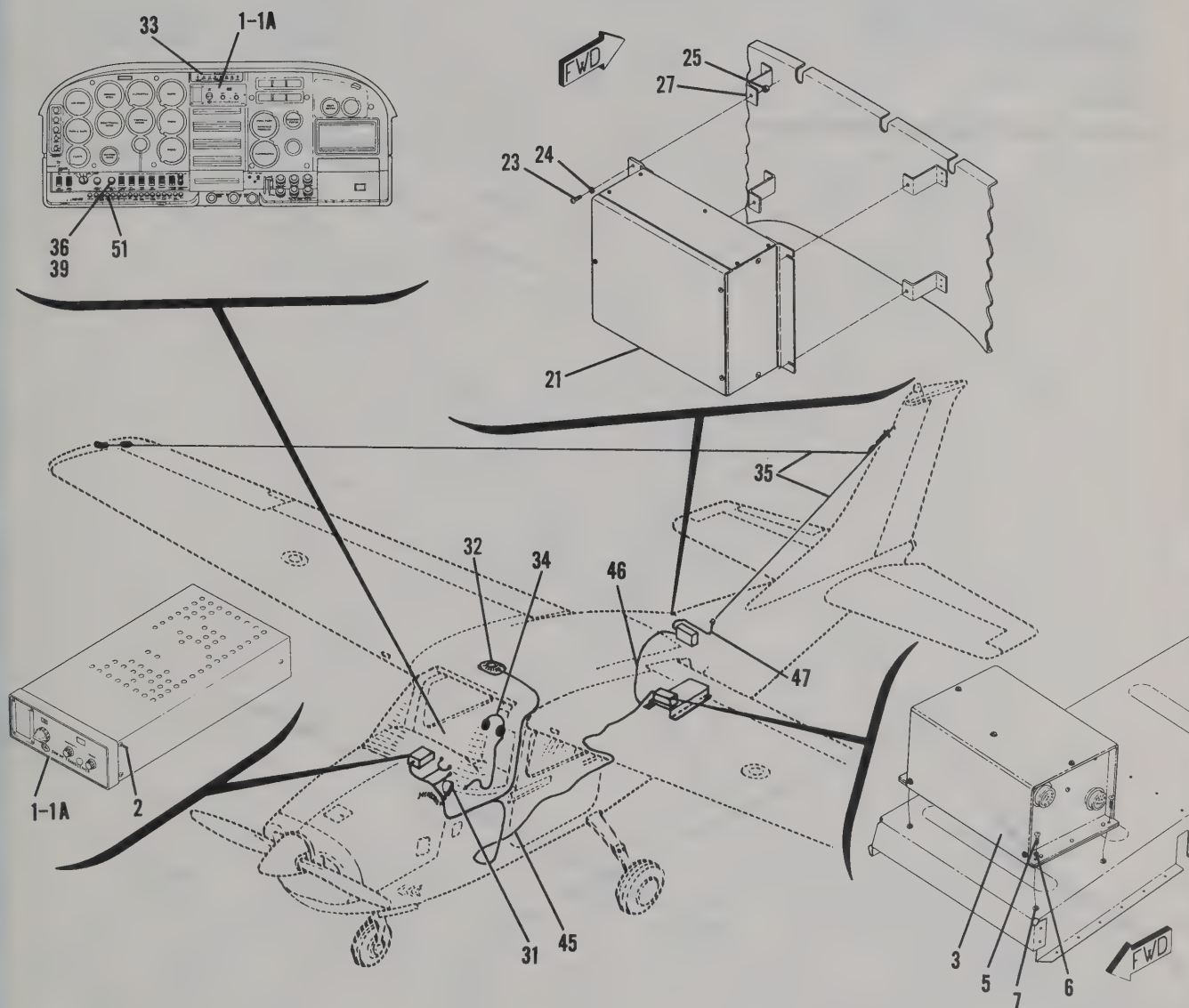
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



**P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON**

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 3 of 7)

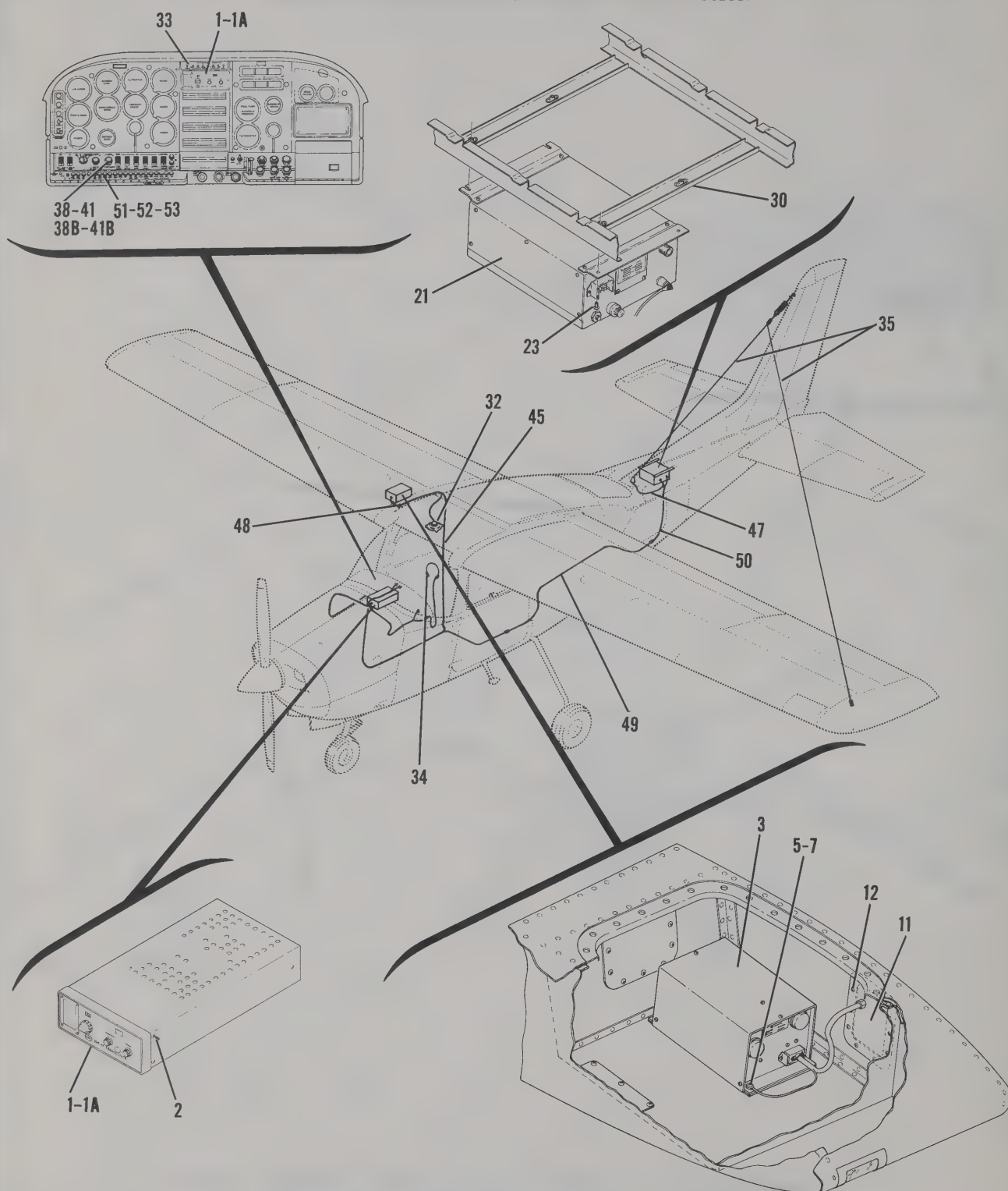
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 4 of 7)

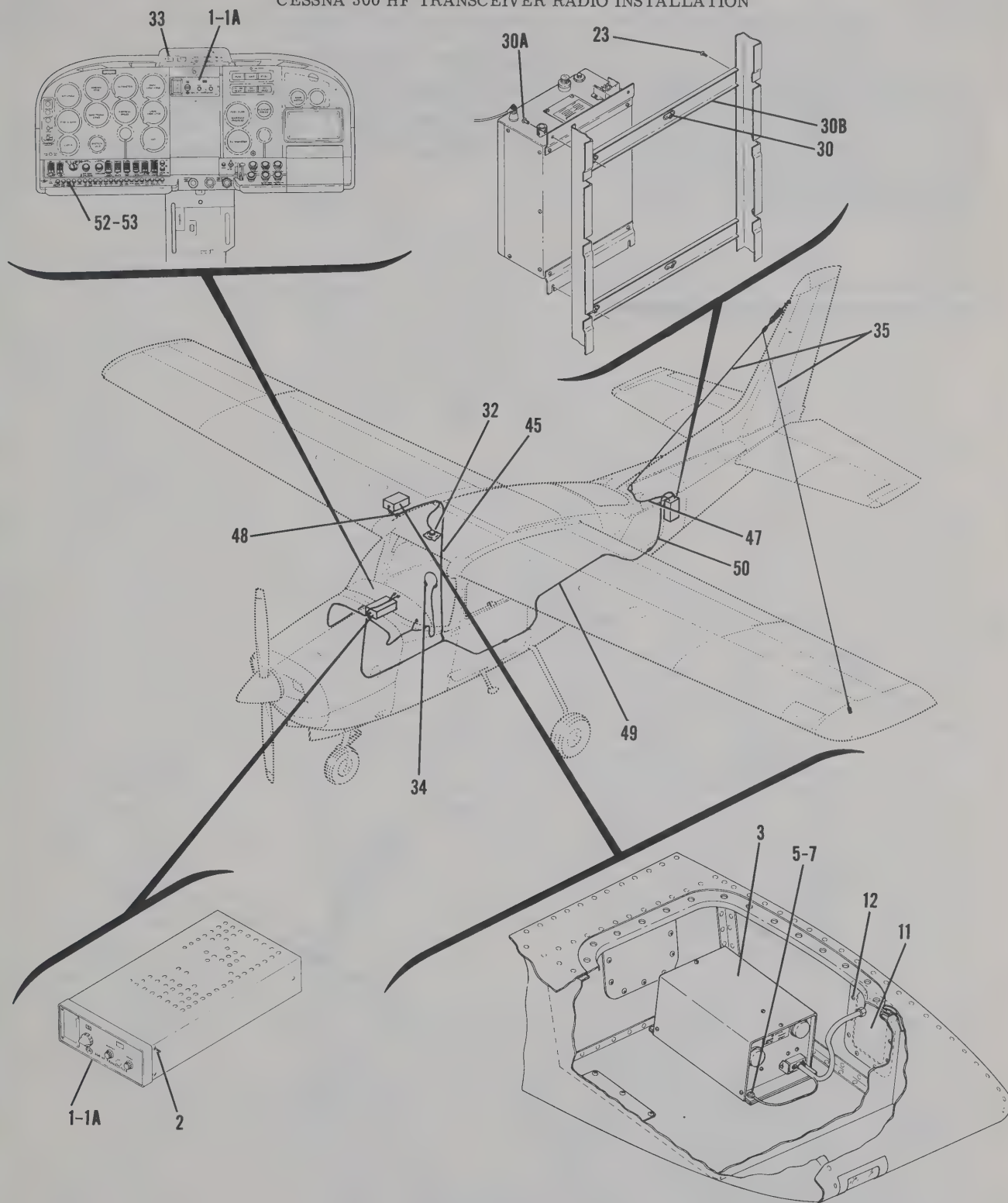
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



**210 SERIAL 21059352 THRU 21059502
T210 SERIAL T21059352 THRU T21059502**

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 5 of 7)

CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



210 SERIAL 21059503 & ON
T210 SERIAL T21059503 & ON

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 6 of 7)

CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION

337 SERIAL 337-0979 & ON
T337 SERIAL T337-0979 & ON
F337 SERIAL F33700001 & ON
FT337 SERIAL FT33700001 THRU FT33700045

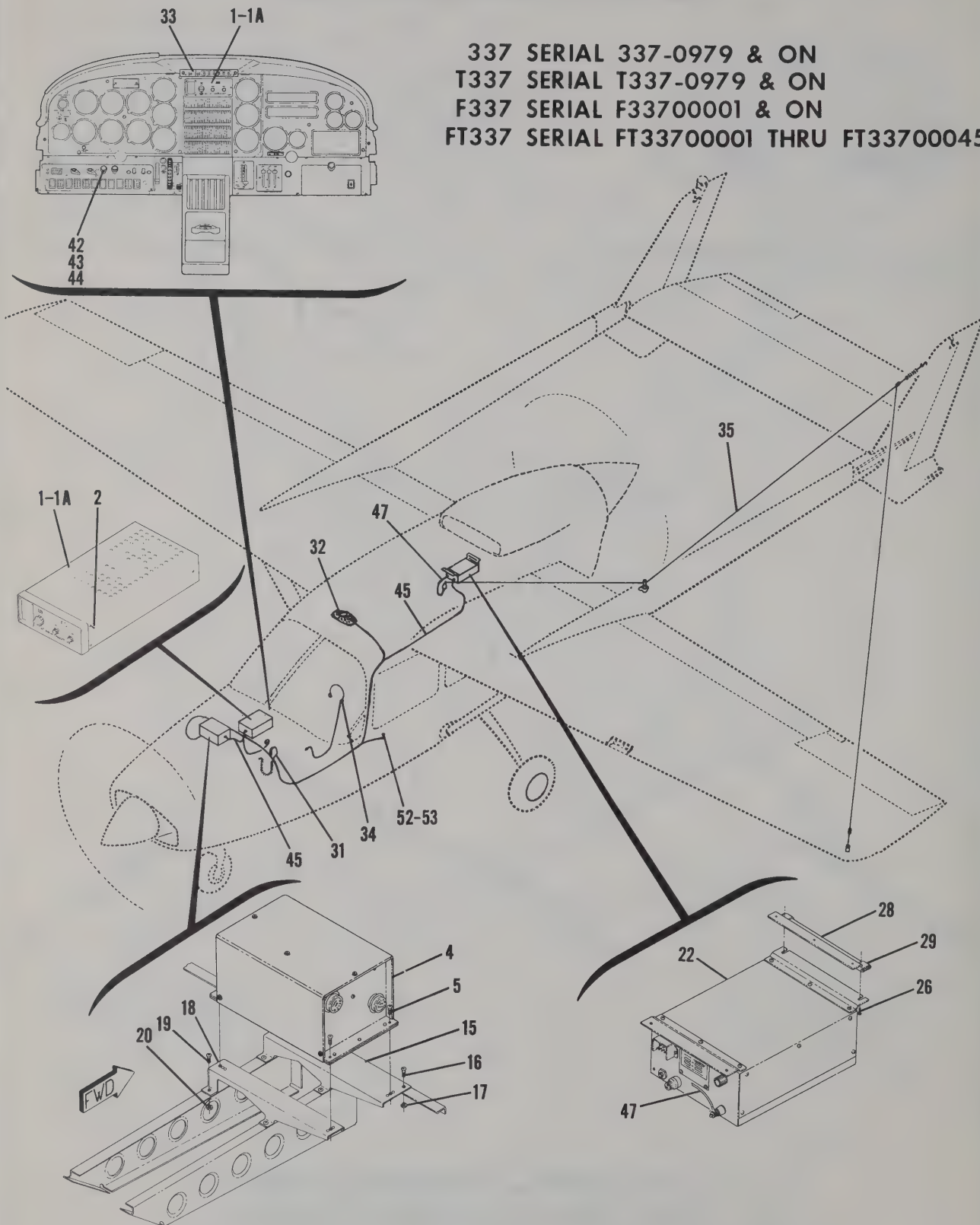
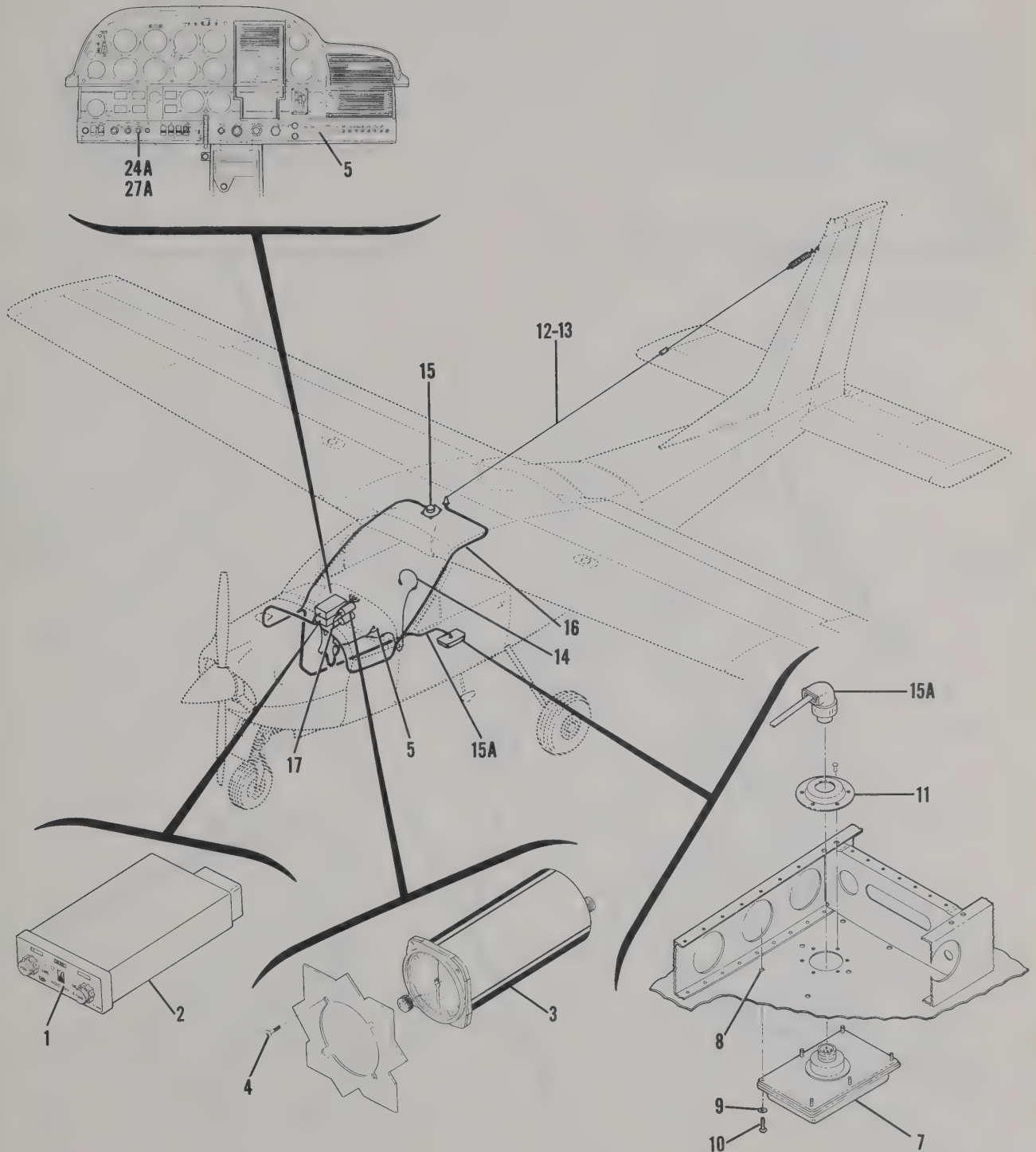


Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 7 of 7)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-7 -		CESSNA 300 HF TRANSCEIVER - TYPE PT-10A - RADIO INSTALLATION -- ALL MODELS	NP	
- 1	C582103-0101	TRANSCEIVER BLACK FACEPLATE WHEN EXHAUSTED USE ----- C582103-0102 SPECIFY DESIRED FREQUENCIES	1	A
- 1A	C582103-0102	TRANSCEIVER LIGHT SHADOW GREY FACEPLATE SPECIFY ----- DESIRED FREQUENCIES	1	B
- 2	S1022Z6-8 NAS446-2-3	ATTACHING PARTS SCREW ----- NUT ----- -----*	4 4	
- 3	C582103-0201	REMOTE UNIT 14 VOLT SYSTEM PNTR -----	1	
- 4	C582103-0301	REMOTE UNIT 28 VOLT SYSTEM PNTR ----- ATTACHING PARTS	1	
- 5	AN515-8R8	SCREW 177RG, 182, 210 SERIES & 337 SERIES ONLY -----	4	
- 6	AN936A8	WASHER 177RG, 182 & 210 SERIES ONLY -----	4	
- 7	S1648-08-75	RIVNUT 177RG, 182 & 210 SERIES ONLY -----	4	
- 8	AN515-8R12	SCREW 206 SERIES ONLY -----	4	
- 9	S355-2	SPACER 206 SERIES ONLY -----	8	
-10	NAS679A08	NUT 206 SERIES ONLY ----- -----*	4	
-11	1221248-1	PLATE 1970 & ON 210 SERIES ONLY REPLACED BY 1221248-9 - WHEN 400 GLIDE SLOPE IS INSTALLED ATTACHING PARTS	1	
	1221253-1	SEAL -----	1	
-12	AN515-8R6	SCREW ----- -----*	10	
-13	1270627-89	ATTACH ANGLE 206 SERIES ONLY ----- ATTACHING PARTS	2	
-14	AN520-10R6	SCREW ----- -----*	4	
-15	1513629-10	SUPPORT ASSY 337 SERIES ONLY ----- ATTACHING PARTS	1	
-16	AN515-8R8	SCREW -----	5	
-17	NAS679A08	NUT ----- -----*	5	
-18	1513635-8	SUPPORT ASSY 337 SERIES ONLY ----- ATTACHING PARTS	1	
-19	AN515-8R8	SCREW -----	5	
-20	NAS679A08	NUT ----- -----*	5	
-21	C589502-0101	ANTENNA LOAD BOX 14 VOLT SYSTEM ONLY -----	1	
-22	C589502-0201	ANTENNA LOAD BOX 28 VOLT SYSTEM ONLY ----- ATTACHING PARTS	1	
-23	AN515-8R8	SCREW 177RG, 182, 206 SERIES & 210 SERIES ONLY -----	4	
-24	AN960-8L	WASHER 177RG, 182, 206 SERIES & 1969 210 SERIES ONLY ---	4	
-25	NAS679A08	NUT 182, 206 SERIES & 1969 210 SERIES ONLY -----	4	
-26	AN1021Z6-4	SCREW 337 SERIES ONLY ----- -----*	4	
-26A	1712130-1	SUPPORT ASSY 177 ONLY -----	1	
-27	1212015-1	SUPPORT ASSY 182, 206 SERIES & 1969 210 SERIES ONLY ---	4	
	1512607-3	SUPPORT ASSY 337 SERIES ONLY -----	1	
-28	1512607-4	SUPPORT -----	1	
-29	NAS395-6-3	NUT -----	2	
-30	1270690-1	BRACKET ASSY 1970 & ON 210 SERIES ONLY ----- ATTACHING PARTS	2	
-30A	AN515-6R7	SCREW -----	8	
-30B	AN697A06	NUT ----- -----*	8	
-31	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-32	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-33	SEE SEC 4	TRANSMITTER SELECTOR SWITCH & AUDIO AMPLIFIER INSTL -----	1	
-34	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
	SEE FIG 5-1	RADIO COOLING INSTALLATION -----	AR	
-35	SEE FIG 3-5	H.F. ANTENNA INSTALLATION -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	AR	
-36	S1880-3	RHEOSTAT-RADIO 1969 MODELS 182, 206 SERIES & 210 SERIES- ONLY	1	
-37	S2008-1	RHEOSTAT-RADIO 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-38	S1904-3	RHEOSTAT-RADIO 1970 MODEL 210 SERIES ONLY -----	1	
-38A	S1880-1	RHEOSTAT-RADIO DIMMING 1971 & ON MODEL 177RG ONLY -----	1	
-38B	S2091-1	VARIABLE RESISTOR-RADIO DIMMING 1971 182, 206 & 210 ----- SERIES ONLY	1	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-7 -39	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, 206 SERIES & ----- 210 SERIES ONLY	1	
-40	S1995-1	KNOB-RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-41	S1980-1	KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-41A	S1980-3	* KNOB-RHEOSTAT 1971 & ON MODEL 177RG ONLY -----	1	
	AN565B8H3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY -----	1	
-41B	S1995-4	* KNOB-RHEOSTAT 1971 & ON MODEL 182, 206 & 210 SERIES ONLY-	1	
	AN565B2H3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 182, 206 & 210 -- SERIES ONLY	1	
-42	1570164-1	* SWITCH ASSY-RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
-43	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
-44	S1980-3	* KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	
	AN565D8H2	* SET SCREW-RHEOSTAT KNOB 1970 & ON MODEL 337 SERIES ONLY -	1	
-45		* MAIN CABLE ASSY-TRANSCIVER TO POWER SUPPLY ----- NP		
	17027	CONNECTOR CONNECTS TO TRANSCIVER PNTR -----	1	
	17028	CONNECTOR CONNECTS TO POWER SUPPLY PNTR ALL ---	1	
	17005	MODELS EXCEPT 1970 & ON 210 SERIES		
		CONNECTOR CONNECTS TO ANT LOAD BOX PNTR ALL ---	1	
	S1838-2	MODELS EXCEPT 1970 & ON 210 SERIES		
		HOUSING CONNECTS TO AUDIO JUNCTION BOX USED ONLY --	1	
	S1838-1	ON FIRST RADIO INSTALLATION		
		HOUSING CONNECTS TO AUDIO JUNCTION BOX USED ONLY --	AR	
	S1838-3	ON SECOND RADIO INSTALLATIONS		
		HOUSING CONNECTS TO AUDIO JUNCTION BOX USED ONLY --	AR	
	S1962-2-0	ON THIRD RADIO INSTALLATIONS		
		HOUSING-CAP CONNECTS TO RH WING ROOT 1970 & ON 210-	1	
	S1962-1-0	SERIES ONLY		
		HOUSING-PLUG CONNECTS TO LOAD BOX CABLE AT STA 55.62 --	1	
		1970 & ON 210 SERIES ONLY		
-46		* CABLE ASSY-TRANSCIVER TO ANTENNA LOAD BOX ----- NP		
	RG-58A/U	COAXIAL CABLE - BULK ITEM -----	AR	
	17025	CONNECTOR CONNECTS TO TRANSCIVER PNTR -----	1	
	17008	CONNECTOR CONNECTS TO ANTENNA LOAD BOX PNTR -----	1	
	UG-88C/U	ALL MODELS EXCEPT 1970 & ON 210 SERIES		
		PLUG - COAXIAL CONNECTS TO LOAD BOX CABLE AT STA. -----	1	
	S1962-1-0	55.62 1970 & ON 210 SERIES ONLY		
		HOUSING PLUG CONNECTS TO LOAD BOX CABLE AT STA. 55.62 -	1	
		1970 & ON 210 SERIES ONLY		
-47		* CABLE ASSY ANT LOAD BOX TO HF ANTENNA ----- NP		
	8899	WIRE BULK ITEM BDN -----	AR	
	S1367-1-10	TERMINAL -----	2	
-48		* CABLE ASSY R.H. WING ROOT TO POWER SUPPLY 1970 & ON - NP		
		210 SERIES ONLY		
	S1962-1-0	HOUSING-PLUG CONNECTS TO R.H. WING ROOT -----	1	
	17028	CONNECTOR CONNECTS TO POWER SUPPLY PNTR -----	1	
-49		* CABLE ASSY STA. 55.62 TO STA. 152.20 1970 & ON 210 -- NP		
		SERIES ONLY		
	S1962-2-0	HOUSING-CAP -----	2	
-50		* CABLE ASSY STA. 152.20 TO ANT. LOAD BOX 1970 & ON --- NP		
		210 SERIES ONLY		
	S1962-1-0	HOUSING-PLUG CONNECTS TO STA. 152.20 -----	1	
	17005	CONNECTOR CONNECTS TO ANT LOAD BOX PNTR -----	1	
-51	S1360-15	CIRCUIT BREAKER ALL MODELS EXCEPT 337 SERIES -----	1	A
	S1360-15L	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	B
-52	S1360-10	CIRCUIT BREAKER 337 SERIES ONLY -----	1	A
	S1360-10L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	B
-53	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
NOTES *				
1. REFER TO THE APPROPRIATE PARTS CATALOG FOR				
1972 & ON RADIO DIMMING RHEOSTATS & KNOBS.				
2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN				
SECTION VII OF THIS MANUAL FOR ELECTRICAL				
CONNECTORS AND WIRING APPLICABLE TO 1972 & ON				
MODELS				
A---THRU 1971 MODELS ONLY				
B---1972 & ON MODELS ONLY				

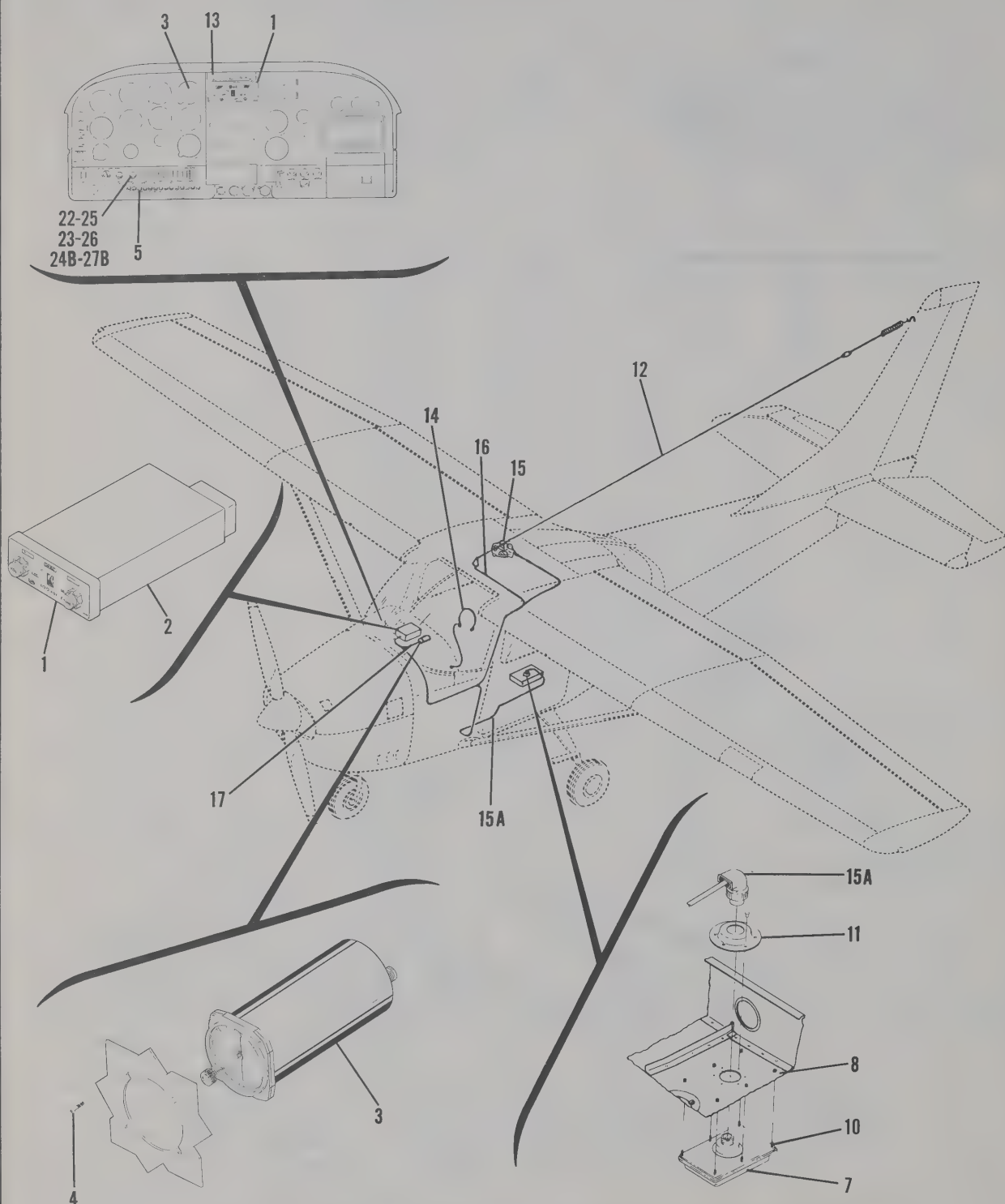
CESSNA 400 ADF RADIO INSTALLATION



177RG SERIAL 177RG0001 THRU 177RG0212
F177RG SERIAL F177RG0001 THRU F177RG0042

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 1 of 6)

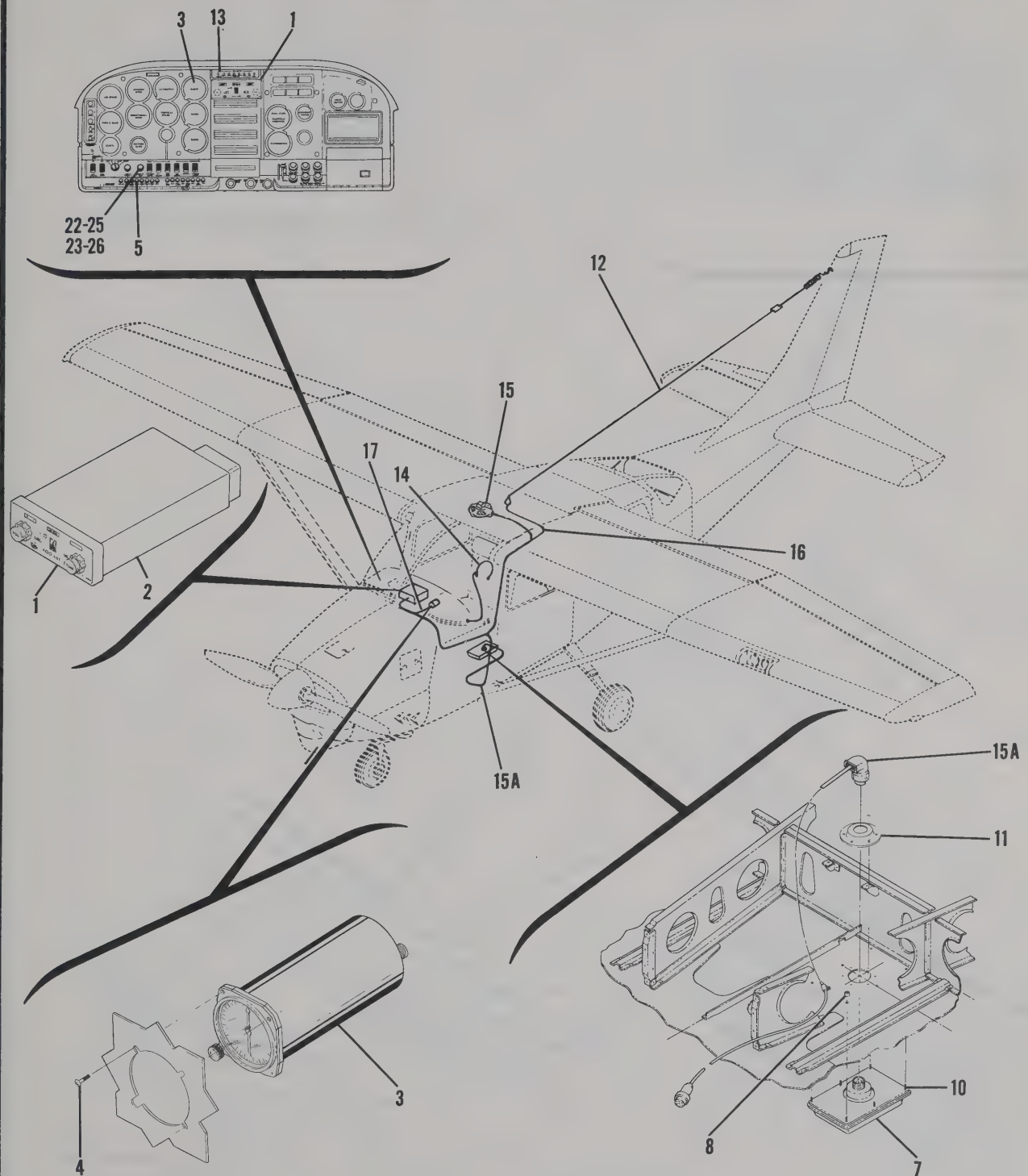
CESSNA 400 ADF RADIO INSTALLATION



182 SERIAL 18259306 THRU 18260825
A182 SERIAL A182-0057 THRU A182-0116

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 2 of 6)

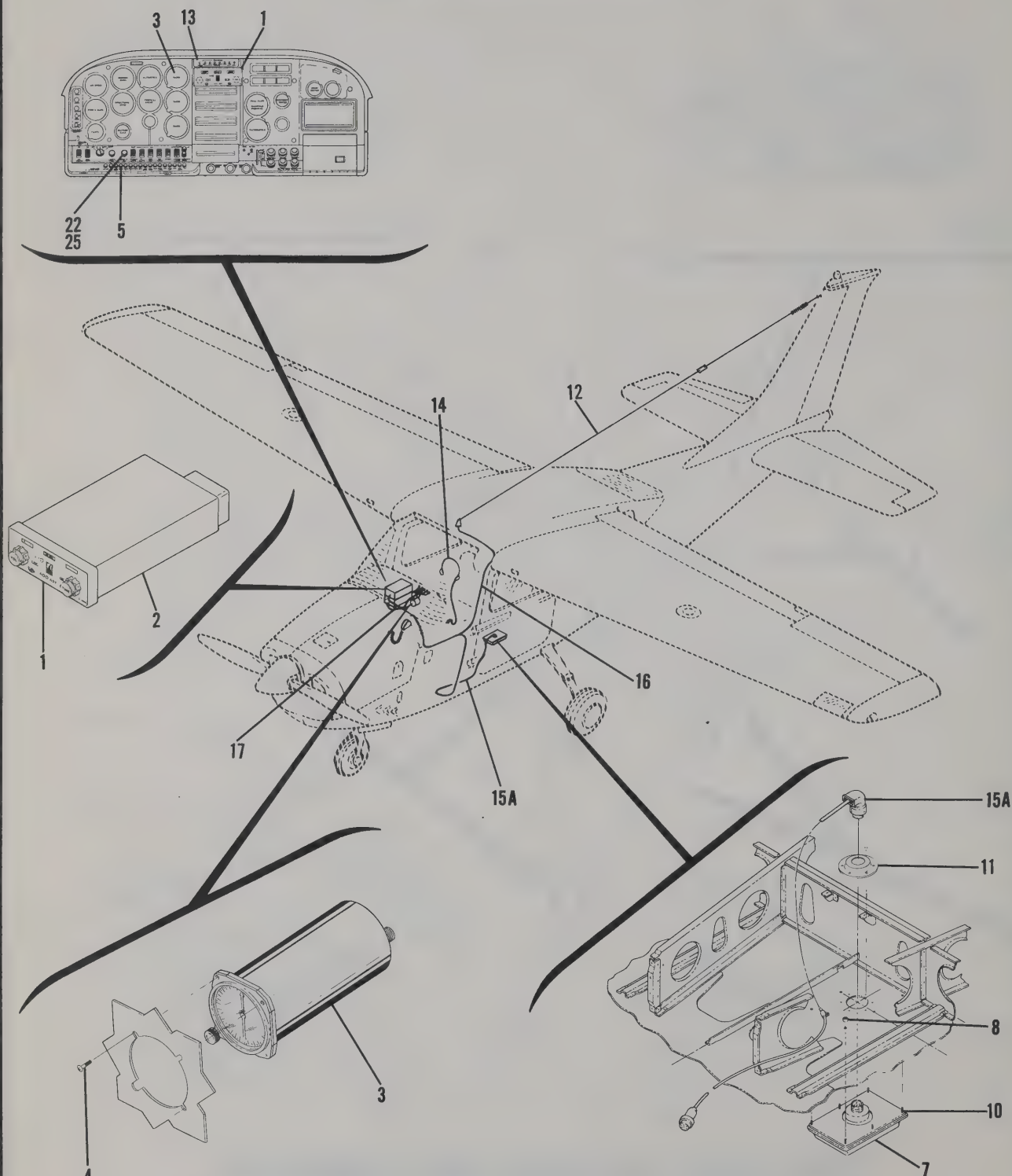
CESSNA 400 ADF RADIO INSTALLATION



P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 THRU U2061702

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 3 of 6)

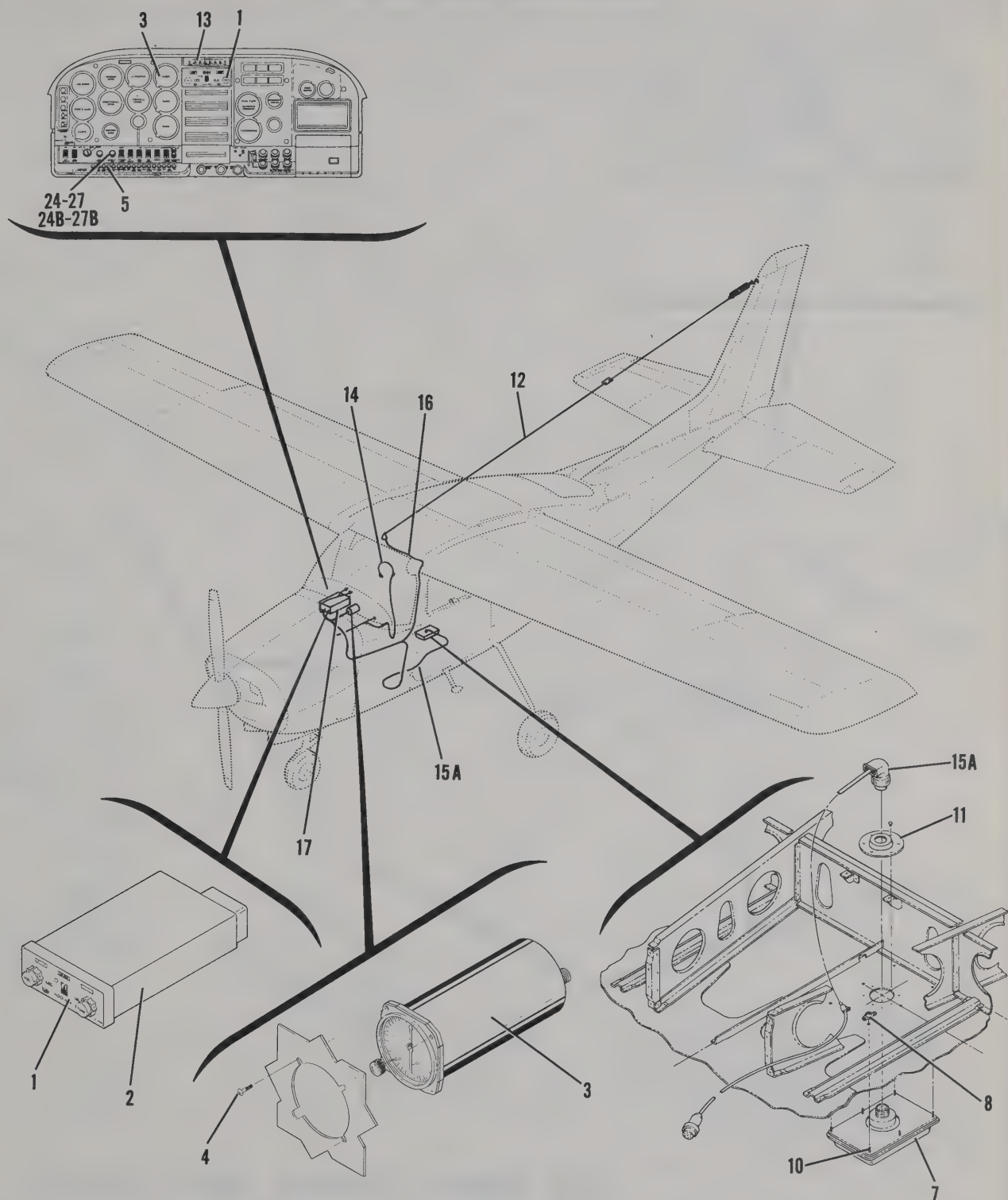
CESSNA 400 ADF RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 4 of 6)

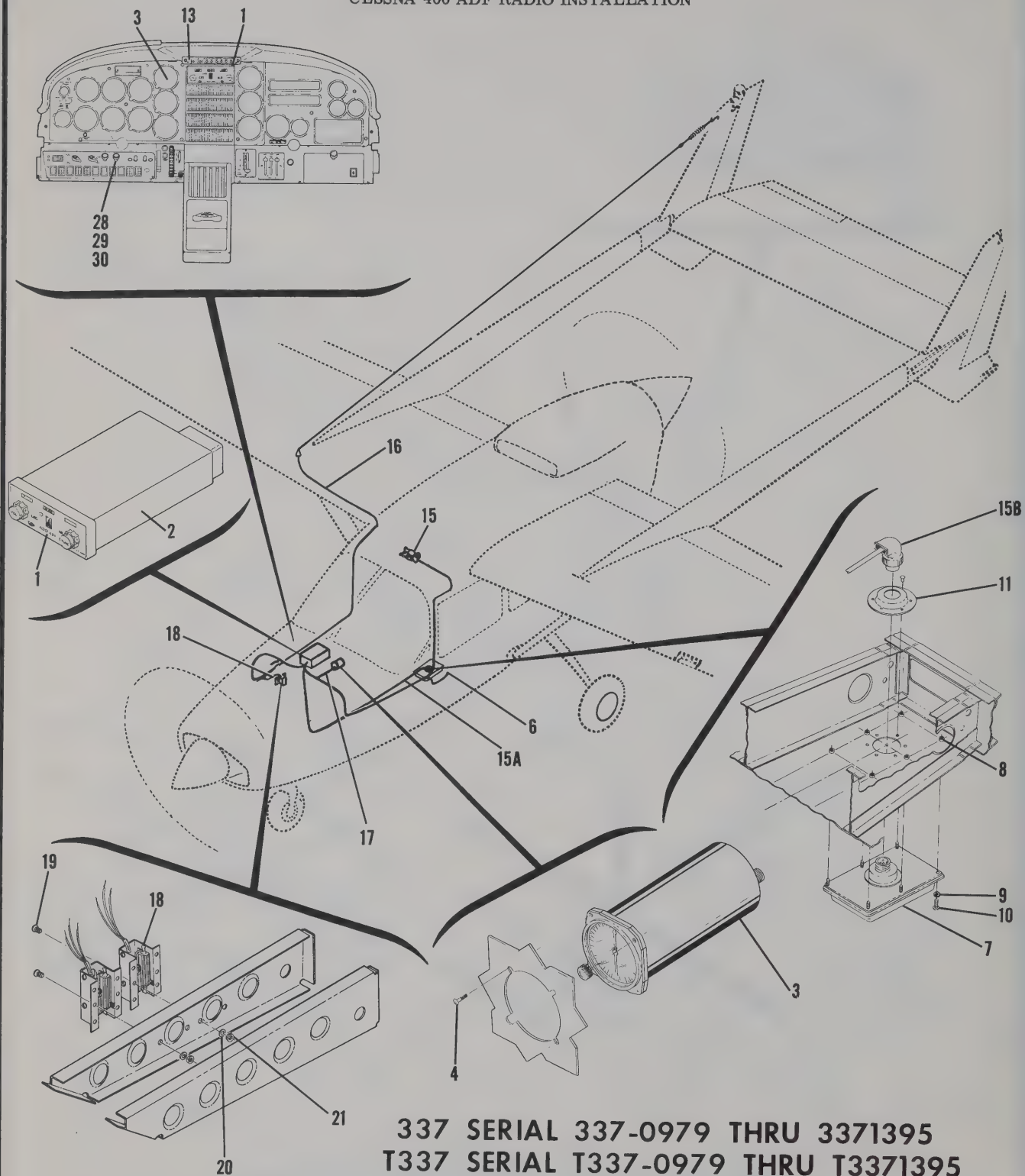
CESSNA 400 ADF RADIO INSTALLATION



210 SERIAL 21059200 THRU 21059502
T210 SERIAL 21059200 THRU T21059502

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 5 of 6)

CESSNA 400 ADF RADIO INSTALLATION



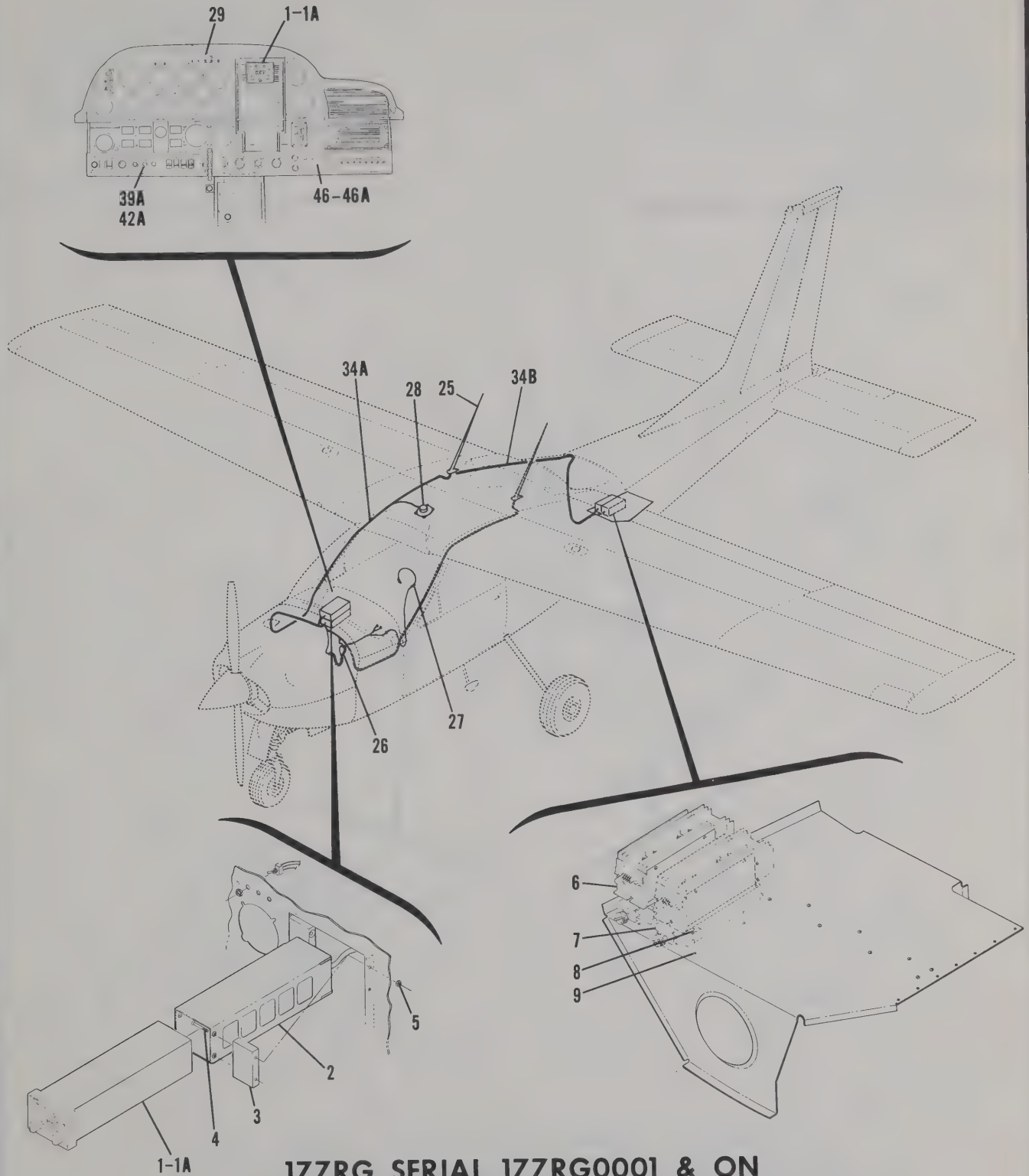
337 SERIAL 337-0979 THRU 3371395
 T337 SERIAL T337-0979 THRU T3371395
 F337 SERIAL F33700001 THRU F33700045
 FT337 SERIAL FT33700001 THRU FT33700045

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 6 of 6)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-8 -		CESSNA 400 ADF -TYPE R-324A- RADIO INSTALLATION 1969 -----	NP	A
- 1	36380-1000	THRU 1971 MODELS ONLY	1	
- 2	35209	RECEIVER WITH BFO ARC -----	1	
		MOUNTING - RECEIVER ARC -----		
		ATTACHING PARTS		
	S1022Z6-6	SCREW -----	4	
	NAS446-2-3	NUT -----	4	
		-----*		
- 3	38450-0003	INDICATOR TYPE IN-324C-3 ALTERNATE PART NO. IS -----	1	
		38450-0006 TYPE IN-324C3 ARC		
		ATTACHING PARTS		
- 4	AN515B6R12	SCREW -----	3	
		-----*		
- 5	S1360-5	CIRCUIT BREAKER ALL MODELS EXCEPT 337 SERIES ONLY -----	1	
- 6	S1360-2	CIRCUIT BREAKER 337 SERIES ONLY -----	1	
- 7	36420-1100	LOOP ANTENNA TYPE L-324A ARC -----	1	
		ATTACHING PARTS		
- 8	A6K75	RIVNUT -----	6	
- 9	AN936A6	WASHER -----	6	
-10	AN515-6R12	SCREW -----	6	
		-----*		
-11	1511005-1	SHIELD -----	1	
-12	SEE FIG 3-6	ADF SENSE ANTENNA INSTALLATION -----	1	
	SEE FIG 3-9	ANTI-PRECIPITATION ADE SENSE ANTENNA INSTALLATION -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
-13	SEE SEC 4	AUDIO TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
-14	SEE FIG 4-9	HEADPHONE INSTALLATION -----	1	
-15	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-15A	33827-0000	LOOP CABLE ASSY LOOP ANT TO GONIOMETER INDICATOR -----	1	
		9 FEET LONG ARC		
-15B	32803-0000	LOOP CABLE ASSY LOOP ANT TO GONIOMETER 20 FEET LONG -	AR	
		REPLACES ITEM 15A WHEN LONGER LOOP IS REQUIRED TO CLEAR		
		CARGO POD ARC		
-16		CABLE ASSY RECEIVER TO SENSE ANT -----	NP	
	K-109A	COAXIAL CABLE BULK ITEM -----	AR	
	85075	CONNECTOR ARC -----	2	
	8661	SHIELDING BULK ITEM ARC -----	AR	
	S1367-3-8	TERMINAL -----	1	
-17	38422-0014	CABLE ASSY - MAIN RECEIVER TO GONIOMETER INDICATOR -----	1	
		AND AUDIO JUNCTION BOX WIRES CONNECT TO P3 ON		
		AUDIO JUNCTION BOX ARC ALL MODELS EXCEPT 337		
		SERIES ONLY		
-18	38422-0028	CABLE ASSY & REMOTE RESISTOR BOX KIT MAIN CABLE ASSY -----	1	
		CONNECTS FROM RECEIVER TO INDICATOR AUDIO JUNCTION BOX		
		AND RESISTOR BOX ARC 337 SERIES ONLY		
		ATTACHING PARTS		
-19	AN515-6R8	SCREW -----	4	
-20	AN936A6	WASHER -----	4	
-21	AN340-6	NUT -----	4	
		-----*		
-22	S1880-3	RHEOSTAT 1969 MODELS 182, 206 SERIES & 210 SERIES ONLY -	1	
-23	S2008-1	RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-24	S1904-3	RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-24A	S1880-1	RHEOSTAT-RADIO DIMMING 1971 & ON MODEL 177RG ONLY -----	1	
-24B	S2091-1	VARIABLE RESISTOR-RADIO DIMMING 1971 & ON MODEL 182, 206-	1	
		210 SERIES ONLY		
-25	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, 206 SERIES & -----	1	
		210 SERIES ONLY		
-26	S1995-1	KNOB-RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-27	S1980-1	KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-27A	S1980-3	KNOB-RHEOSTAT 1971 & ON MODEL 177RG ONLY -----	1	
	AN5658BH3	SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY -----	1	
-27B	S1995-4	KNOB-RHEOSTAT 1971 & ON MODEL 182, 206 & 210 SERIES ONLY-	1	
	AN5658BH3	SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 182, 206 & 210 --	1	
		SERIES ONLY		
CONTINUED ON NEXT PAGE				

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-8 -28 -29 -30	1570164-1	SWITCH ASSY-RADIO LIGHT DIMMING -----	1	
	93416L	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
	S1980-3	KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	
	AN565D8H2	SET SCREW-RHEOSTAT KNOB 1970 & ON MODEL 337 SERIES ONLY -	1	
		A---1969 THRU 1971 MODELS ONLY		

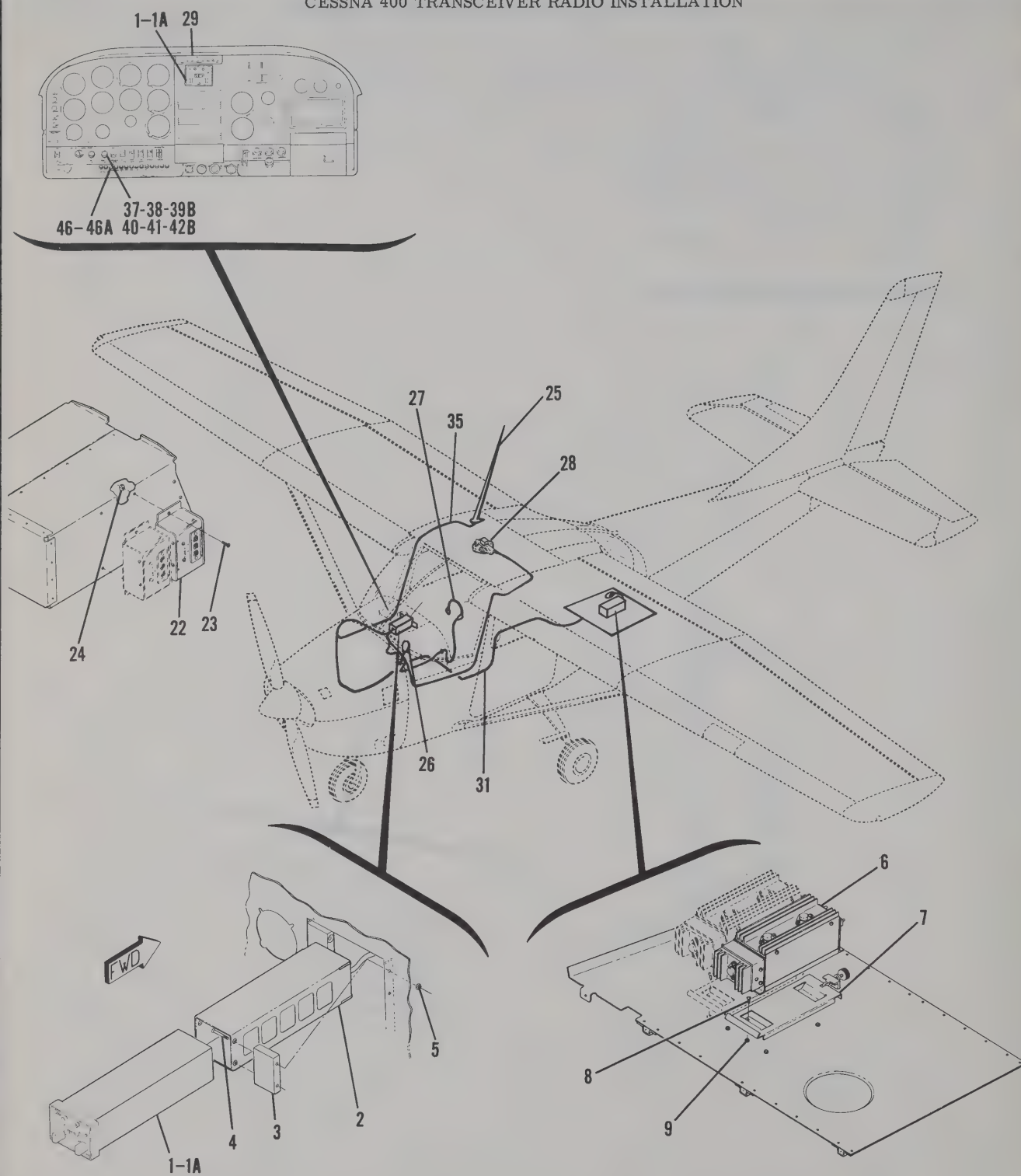
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 1 of 6)

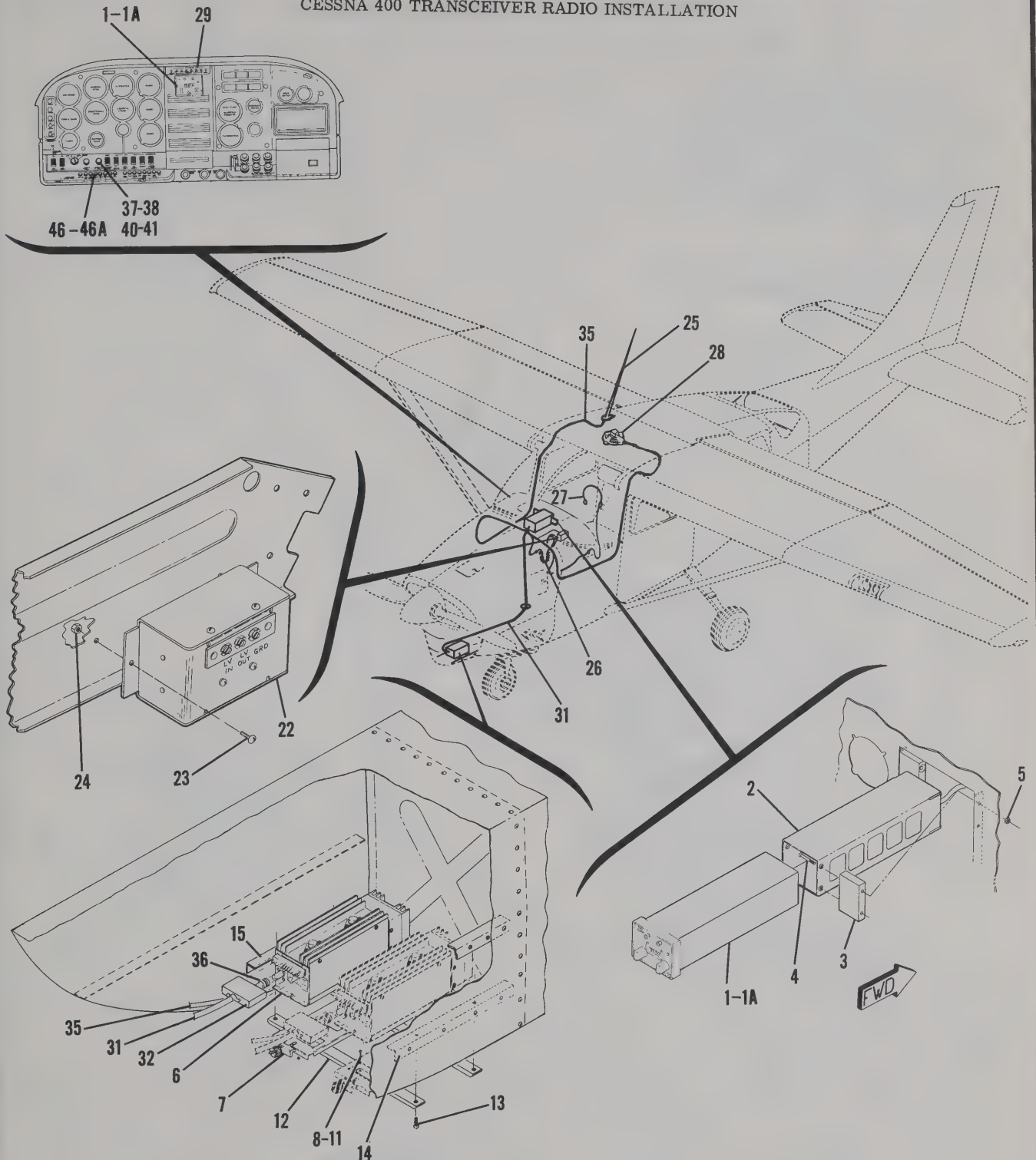
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



**182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON**

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 2 of 6)

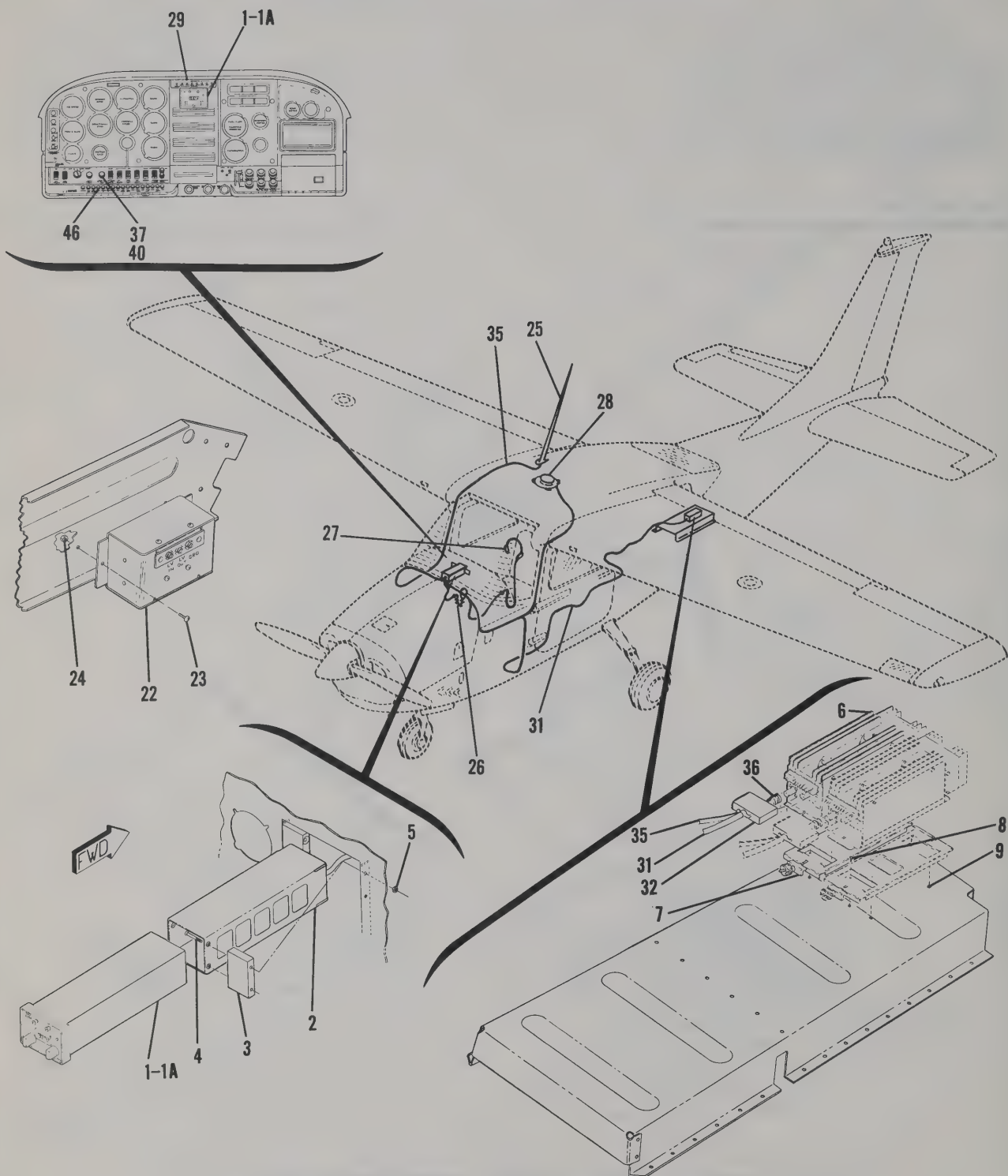
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 3 of 6)

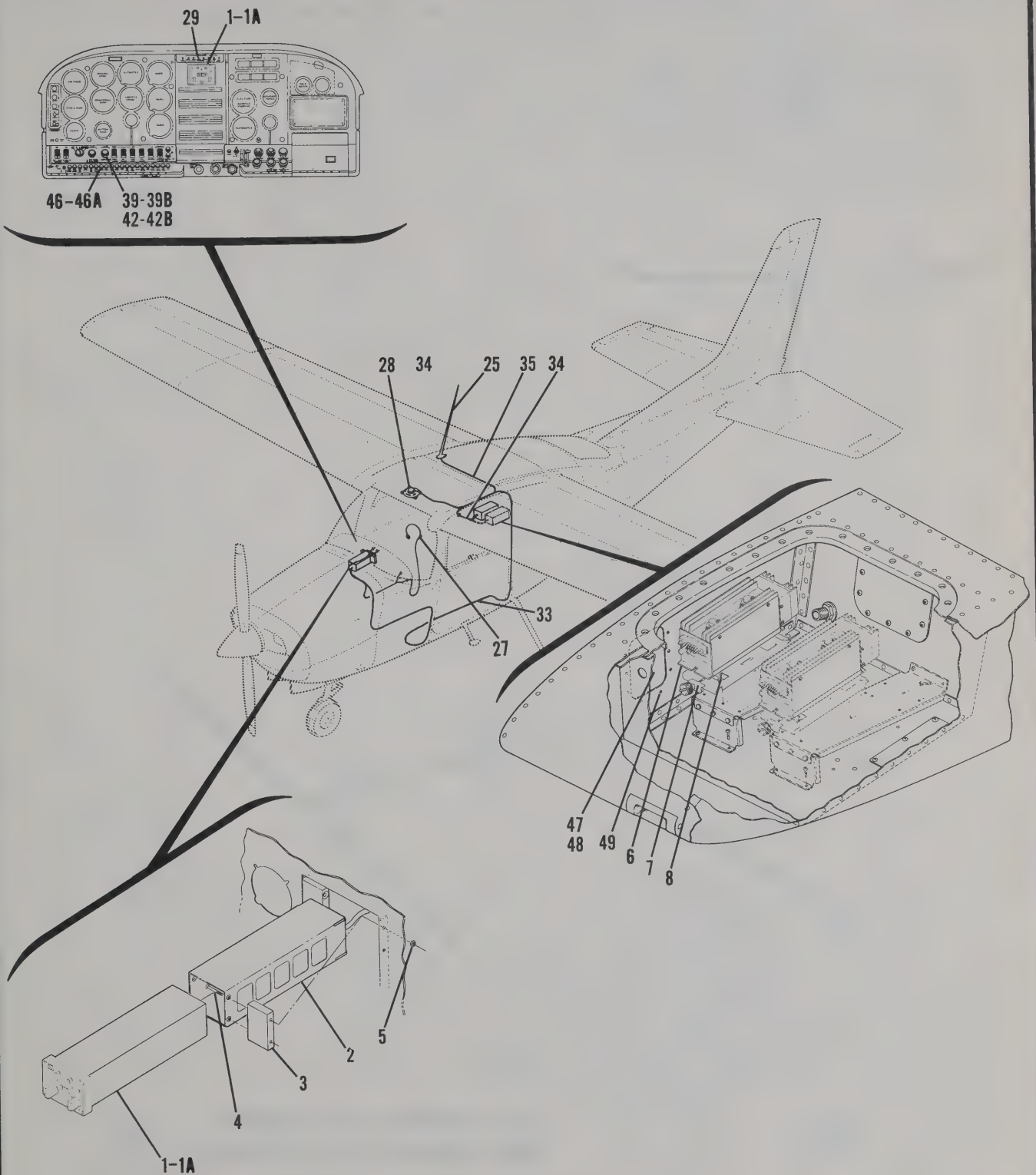
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 4 of 6)

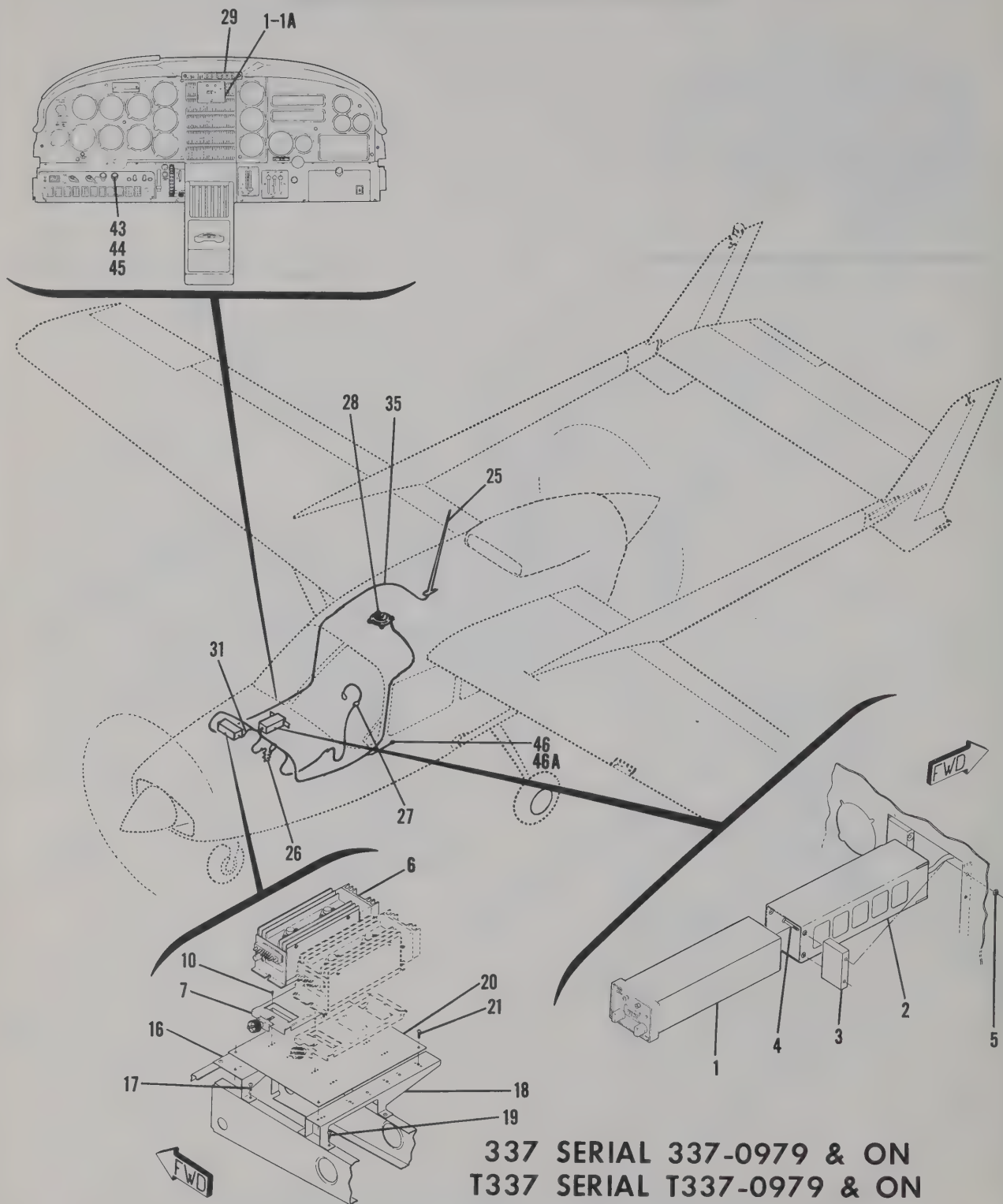
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 5 of 6)

CESSNA 400 TRANSCEIVER RADIO INSTALLATION



**337 SERIAL 337-0979 & ON
T337 SERIAL T337-0979 & ON
F337 SERIAL F33700001 & ON
FT337 SERIAL F33700001 & ON**

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 6 of 6)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-9 -		CESSNA 400 TRANSCEIVER RADIO INSTALLATION - TYPE RT-532 ----- ALL MODELS	NP	
- 1	33570-1000	RECEIVER-TRANSMITTER TYPE RT-532A BLACK FACEPLATE ---	1	D
- 1A	33570-1002	RECEIVER-TRANSMITTER TYPE RT-532A LIGHT SHADOW -----	1	E
	33570-3001	RECEIVER-TRANSMITTER TYPE RTA-532J LIGHT SHADOW ----- GREY FACEPLATE SOLD ONLY AS AN EXPORT ITEM	AR	E
		TO JAPAN UNDER ARC NAME ARC		
- 2	37525-0081	MOUNTING KIT ARC ----- ATTACHING PARTS	1	
- 3	1270056-1	SPACER -----	2	
- 4	AN507-632R3	SCREW -----	4	
- 5	NAS679A06	NUT -----	4	
		-----*		
- 6	36600-0000	REMOTE UNIT TYPE RTA-532B WHEN EXHAUSTED ----- USE 38960 ARC	1	A
	38960-0014	REMOTE UNIT TYPE RT-532B-1 14 VOLT ARC -----	1	B
	38960-0028	REMOTE UNIT TYPE RT-532B-1 28 VOLT ARC -----	1	C
- 7	35540-0000	MOUNTING - REMOTE UNIT TYPE M-532A ARC ----- ATTACHING PARTS	1	
- 8	AN515-6R10	SCREW 177RG 182 SERIES, 206 SERIES & 210 SERIES ONLY ---	4	
- 9	S1648-06-75	RIVNUT 177RG 182 SERIES & 1969 MODEL 210 SERIES ONLY ---	4	
-10	AN515-8R10	SCREW 337 SERIES ONLY -----	4	
-11	NAS679A06	NUT 206 SERIES ONLY -----	4	
		-----*		
-12	1270627-91	ATTACH ANGLE 206 SERIES ONLY ----- ATTACHING PARTS	2	
-13	AN520-10R6	SCREW -----	4	
		-----*		
-14	1270627-93	SIDE ANGLE ASSY LH 206 SERIES ONLY -----	1	
-15	1270627-94	SIDE ANGLE ASSY RH 206 SERIES ONLY -----	1	
-16	1513629-1	SUPPORT ASSY 337 SERIES ONLY ----- ATTACHING PARTS	1	
-17	AN515-8R8	SCREW -----	5	
	NAS679A08	NUT -----	5	
		-----*		
-18	1513635-1	SUPPORT ASSY 337 SERIES ONLY ----- ATTACHING PARTS	1	
-19	AN515-8R8	SCREW -----	4	
	NAS679A08	NUT -----	4	
		-----*		
-20	1513313-3	PLATE ASSY 337 SERIES ONLY ----- ATTACHING PARTS	1	
-21	AN515-8R8	SCREW -----	4	
		-----*		
-22	37243-0000	FILTER ASSY 12 VOLT AIRCRAFT PRIOR TO 1970 MODELS ONLY -- ARC ATTACHING PARTS	1	A
-23	AN515-6R8	SCREW -----	2	A
-24	NAS679A06	NUT -----	2	A
		-----*		
-25	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
-26	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-27	SEE FIG 4-9	HEADPHONE INSTALLATION -----	1	
-28	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-29	SEE SEC 4	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
-30	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	AR	
-31		CABLE ASSEMBLY-MAIN ALL MODELS EXCEPT 1970 & ON ----- 210 SERIES AND 1971 & ON MODEL 177RG	NP	
	RG-58A/U	COAXIAL CABLE-BULK ITEM -----	AR	
	35693-0003	CONNECTOR ATTACHES TO RECEIVER-TRANSMITTER ARC -----	1	
	35032-0012	CONTACT ATTACHES TO RECEIVER-TRANSMITTER ARC -----	1	
-32	36363-0000	CONNECTOR KIT ATTACHES TO REMOTE UNIT ARC -----	1	
	S1838-2	HOUSING CONNECTS TO P-1 ON AUDIO JUNCTION BOX -----	1	

CONTINUED ON NEXT PAGE

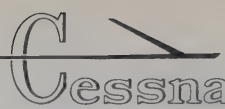


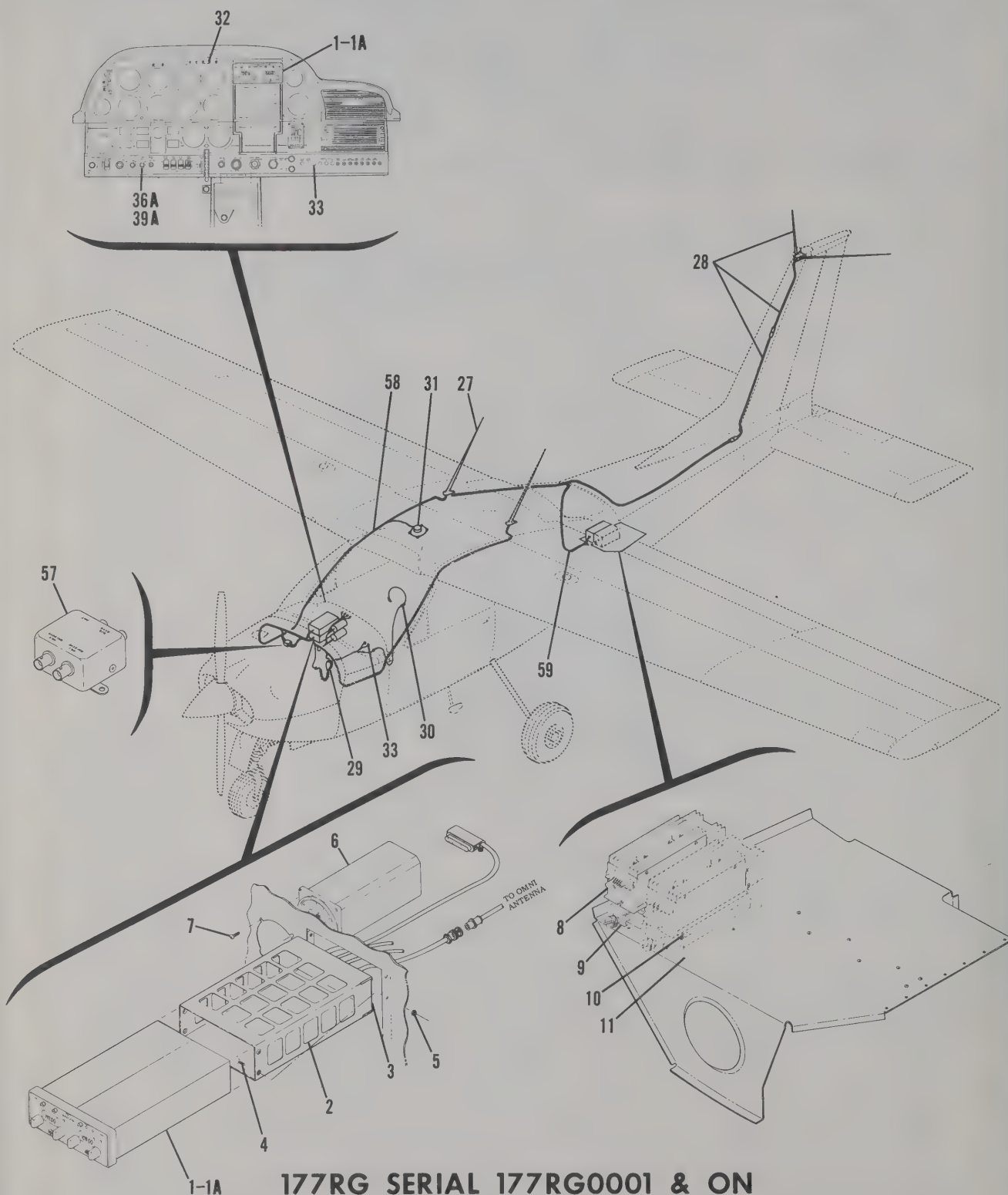
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-9 -33	* RG-58A/U 35693-0003 35032-0012 S1691-2-4 UG-88C/U S1367-1-8 S1838-2	CABLE ASSY - MAIN RECEIVER-TRANSMITTER TO LH WING ROOT -- 1970 & ON 210 SERIES ONLY COAXIAL CABLE BULK ITEM ----- CONNECTOR ATTACHES TO RECEIVER-TRANSMITTER ARC ---- CONTACT ATTACHES TO RECEIVER-TRANSMITTER ARC ----- HOUSING-CAP CONNECTS TO REMOTE UNIT CABLE IN LH ----- WING ROOT PLUG-COAXIAL CONNECTS TO REMOTE UNIT CABLE IN LH ----- WING ROOT TERMINAL CONNECTS TO CIRCUIT BREAKER ----- HOUSING CONNECTS TO AUDIO JUNCTION BOX -----	NP AR 1 1 1 2 3 1	A
-34	* RG-58A/U UG-909/U S1961-1-4 36363-0000	CABLE ASSY-MAIN REMOTE UNIT TO LH WING ROOT ----- 1970 & ON 210 SERIES ONLY COAXIAL CABLE BULK ITEM ----- JACK-COAXIAL CONNECTS TO XCVR CABLE AT LH WING ROOT --- HOUSING-PLUG CONNECTS TO XCVR CABLE AT LH WING ROOT --- CONNECTOR KIT ATTACHES TO REMOTE UNIT ARC -----	NP AR 2 1 1	
-34A	* RG-58A/U 35693-0003 UG-88C/U S1367-1-8 S1961-2-4 S1838-2	CABLE ASSY RECEIVER-TRANSMITTER TO REMOTE UNIT CABLE ---- AT RH INBOARD WING RIB AT STA. 215 1971 & ON 177RG MODELS ONLY COAXIAL CABLE BULK ITEM ----- CONNECTOR ATTACHES TO RECEIVER-TRANSMITTER ARC ---- PLUG-COAXIAL ATTACHES TO REMOTE UNIT CABLE AT RH ----- INBOARD WING RIB TERMINAL CONNECTS TO CKT BKR ----- HOUSING ATTACHES TO REMOTE UNIT CABLE AT RH INBOARD --- WING RIB HOUSING ATTACHES TO AUDIO JUNCTION BOX -----	NP AR 1 2 1 1 1	
-34B	* RG-58A/U 36363-0000 UG-909/U S1961-1-4	CABLE ASSY REMOTE UNIT TO MAIN CABLE CONNECTOR ----- LOCATED AT RH INBOARD WING RIB AT STA. 215 COAXIAL CABLE BULK ITEM ----- CONNECTOR ATTACHES TO REMOTE UNIT ARC ----- JACK-COAXIAL ATTACHES TO RECEIVER-TRANSMITTER CABLE --- AT RH INBOARD WING RIB AT STA. 215 HOUSING ATTACHES TO RCVR-XMTR CABLE AT RH INBD ----- WING RIB AT STA. 215	NP AR 1 2 1	
-35	* RG-58A/U UG-88C/U UG-913/U UG-909/U UG-88C/U	CABLE ASSY-VHF ANTENNA ----- COAXIAL CABLE BULK ITEM ----- CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER ----- CONNECTOR CONNECTS TO VHF ANTENNA ----- JACK-COAXIAL CONNECTS TO LH WING ROOT & MATES WITH ---- PLUG FROM XCVR CABLE 1970 & ON 210 SERIES ONLY PLUG-COAXIAL CONNECTS TO LH WING ROOT & MATES WITH ---- JACK FROM REMOTE UNIT CABLE 1970 & ON 210 SERIES ONLY	NP AR 1 1 1 1	
-37	S1880-3	RHEOSTAT 1969 MODELS 182, 206 SERIES & 210 SERIES ONLY -	1	
-38	S2008-1	RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-39	S1904-3	RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-39A	S1880-1	* RHEOSTAT-RADIO DIMMING 1971 & ON MODEL 177RG ONLY -----	1	
-39B	S2091-1	* VARIABLE RESISTOR-RADIO DIMMING 1971 & ON MODEL 182, --- 206 & 210 SERIES ONLY	1	
-40	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, 206 SERIES & ----- 210 SERIES ONLY	1	
-41	S1995-1	KNOB-RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-42	S1980-1	KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-42A	S1980-3	* KNOB-RHEOSTAT 1971 & ON MODEL 177RG ONLY -----	1	
	AN5658BH3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY -----	1	
-42B	S1995-4	* KNOB-RHEOSTAT 1971 & ON MODEL 182, 206 & 210 SERIES ONLY-	1	
	AN5658BH3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 182, 206 & 210 -- SERIES ONLY	1	
-43	1570164-1 9341GL S1832-1	* SWITCH ASSY-RADIO LIGHT DIMMING 337 SERIES ONLY ----- RHEOSTAT CPH ----- SWITCH -----	1 1 1	
-44	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
-45	S1980-3	* KNOB-RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
	AN5658BH2	* SET SCREW-RHEOSTAT KNOB 1970 & ON MODEL 337 SERIES ONLY -	1	

CONTINUED ON NEXT PAGE

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-9 -46	S1360-5	CIRCUIT BREAKER -----	1	D
-46A	S1360-5L	CIRCUIT BREAKER -----	1	E
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	E
-47	1221248-7	PLATE USED ONLY WHEN A SINGLE TRANSCEIVER IS INSTALLED -- 1970 & ON 210 SERIES ONLY SEE ITEM 48	1	
-48	1221248-6	PLATE REPLACES ITEM 47 WHEN DUAL TRANSCEIVERS ARE ----- INSTALLED 1970 & ON 210 SERIES ONLY ATTACHING PARTS	1	
	1221253-2	SEAL -----	1	
-49	AN515-8R6	SCREW -----	10	
		---*---		
		NOTES *		
		1. REFER TO THE APPROPRIATE PARTS CATALOG FOR 1972 & ON RADIO DIMMING RHEOSTATS & KNOBS.		
		2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS.		
		A---182 SERIAL 18259306 THRU 18260106 A182 SERIAL A182-0057 THRU A182-0096 P206 SERIAL P206-0520 THRU P206-0611 TP206 SERIAL TP206-0520 THRU TP206-0611 210 SERIAL 21059062 THRU 21059199 T210 SERIAL T210-0393 THRU T210-0454 337 SERIAL 337-0979 THRU 337-1256 T337 SERIAL T337-0979 THRU T337-1256 F337 SERIAL F33700001 THRU F33700012 FT337 SERIAL FT33700001 THRU FT33700012		
		B---182 SERIAL 18260107 & ON A182 SERIAL A182-0097 & ON P206 SERIAL P20600612 THRU P20600648 TP206 SERIAL TP20600612 THRU TP20600648 U206 SERIAL U20601588 & ON 210 SERIAL 21059200 & ON T210 SERIAL T21000455 & ON		
		C---337 SERIAL 33701257 & ON T337 SERIAL T33701257 & ON T337 SERIAL T33701257 & ON F337 SERIAL F33700013 & ON FT337 SERIAL FT33700013 & ON		
		D---THRU 1971 MODELS ONLY		
		E---1972 & ON MODELS ONLY		

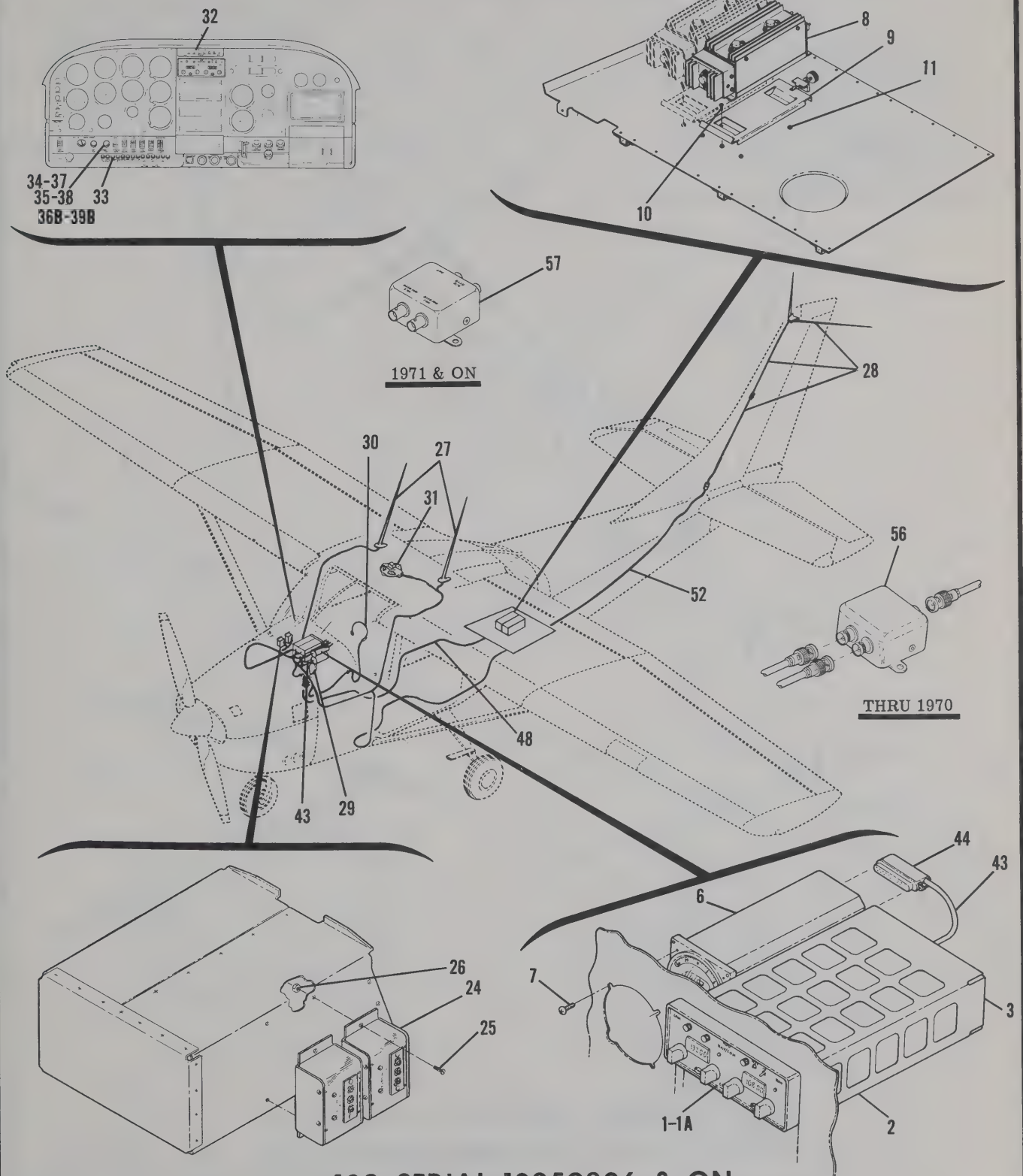
CESSNA 400 NAV/COM RADIO INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 1 of 6)

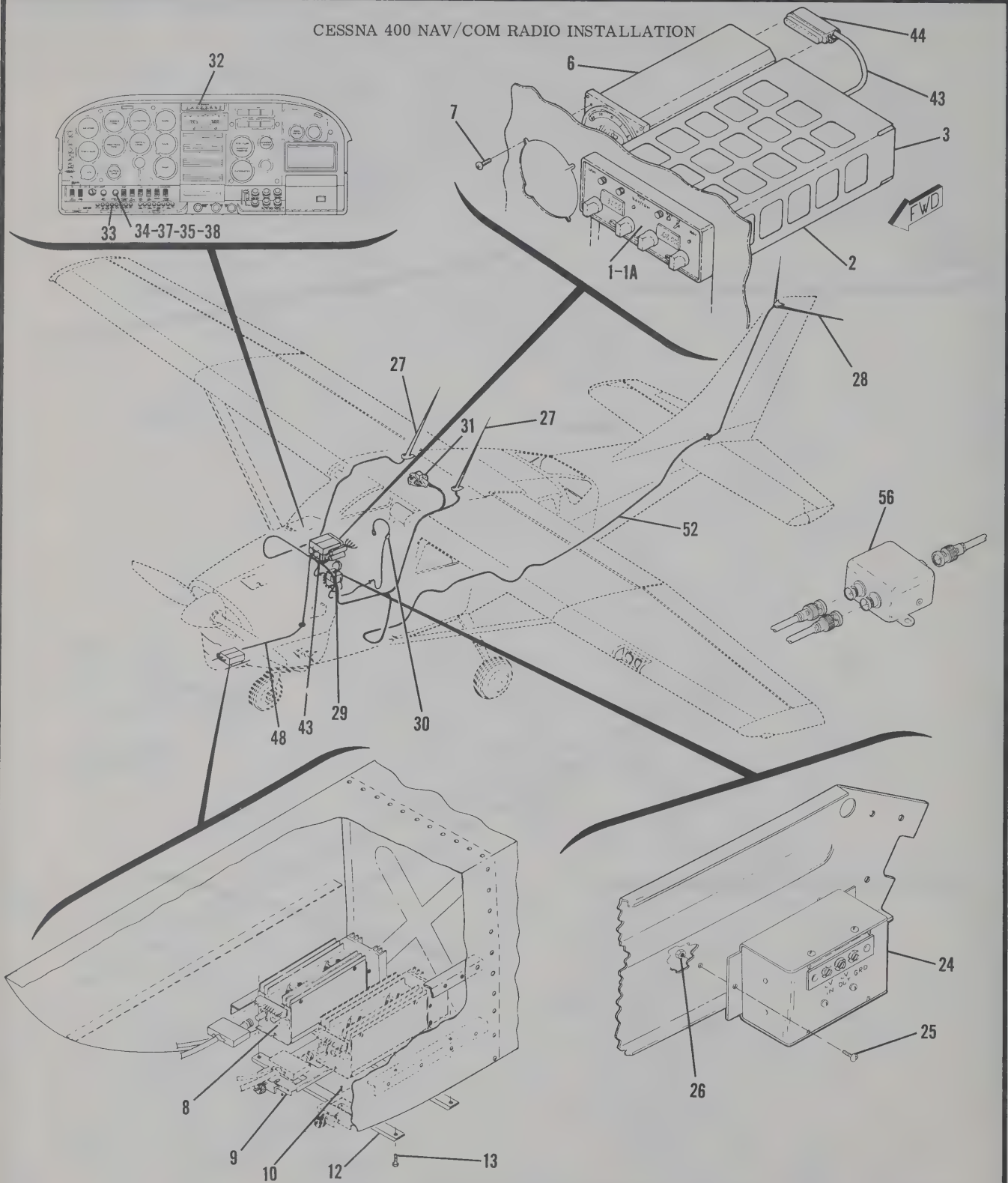
CESSNA 400 NAV/COM RADIO INSTALLATION



182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON

Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 2 of 6)

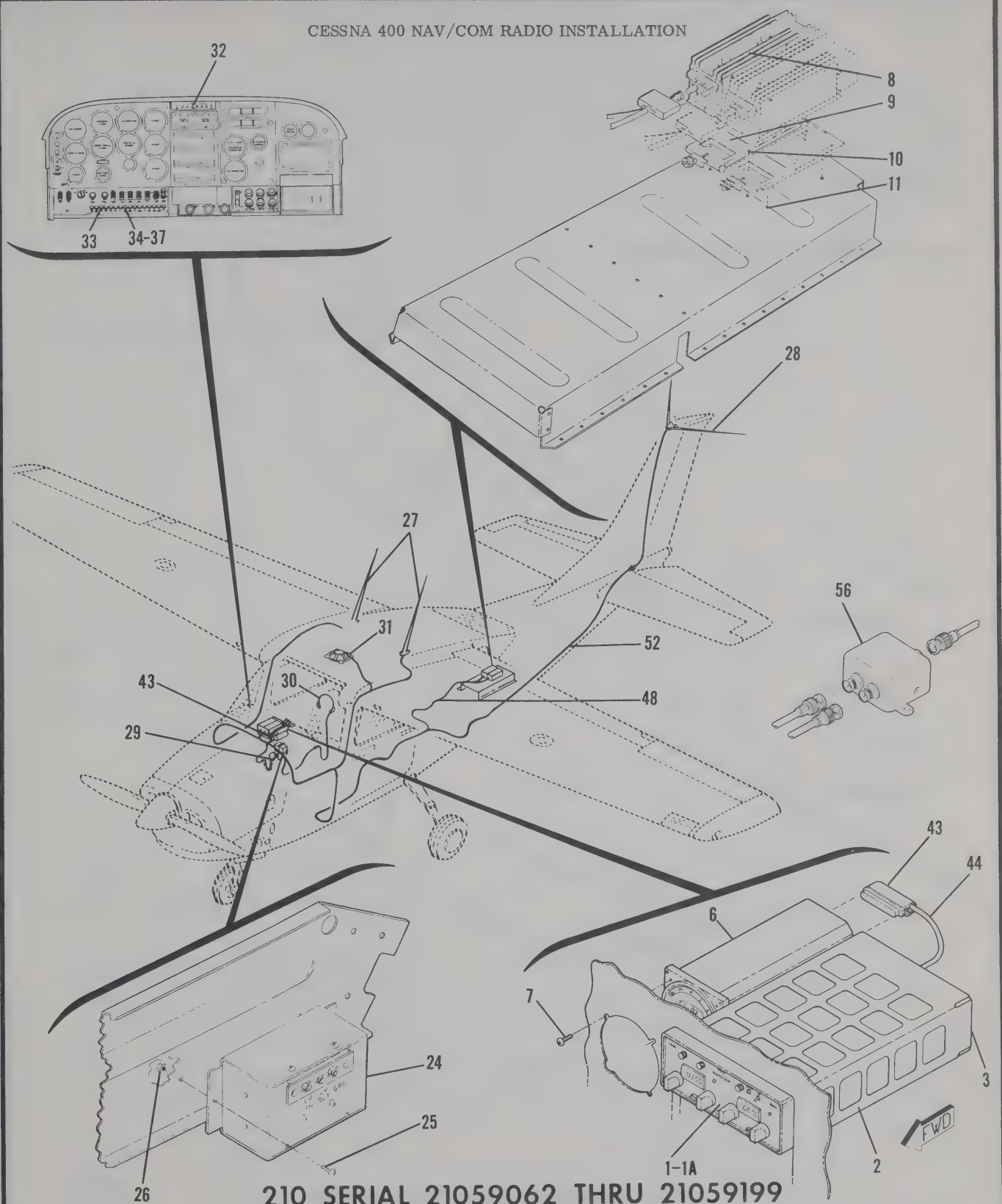
CESSNA 400 NAV/COM RADIO INSTALLATION



P206 SERIAL P206-0520 THRU P20600648
 TP206 SERIAL TP206-0520 THRU TP20600648
 U206 SERIAL U20601588 & ON

Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 3 of 6)

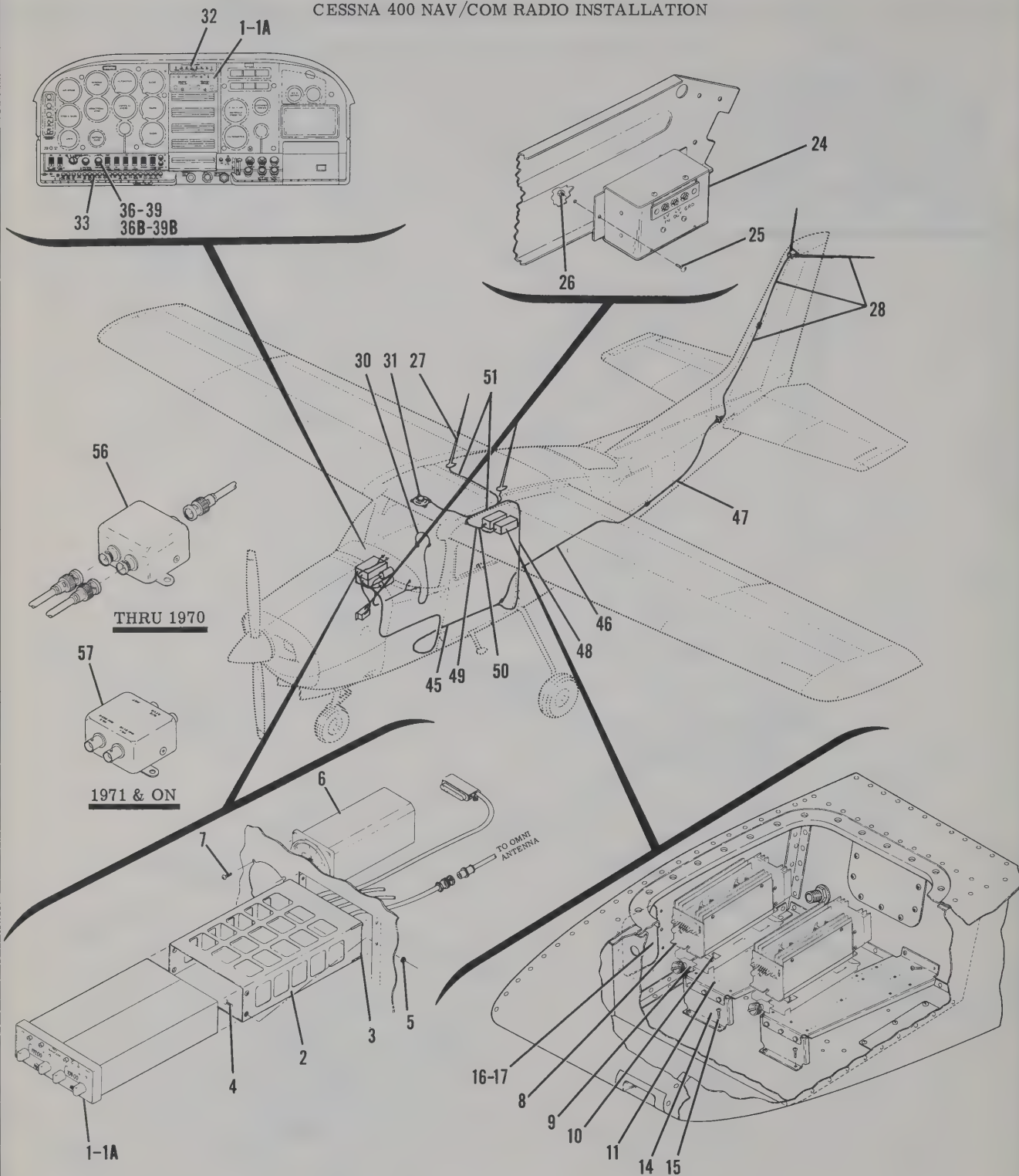
CESSNA 400 NAV/COM RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 4 of 6)

CESSNA 400 NAV/COM RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL T21059200 & ON

Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 5 of 6)

CESSNA 400 NAV/COM RADIO INSTALLATION

337 SERIAL 337-0979 & ON
T337 SERIAL T337-0979 & ON
F337 SERIAL F33700001 & ON
FT337 SERIAL FT33700001 & ON

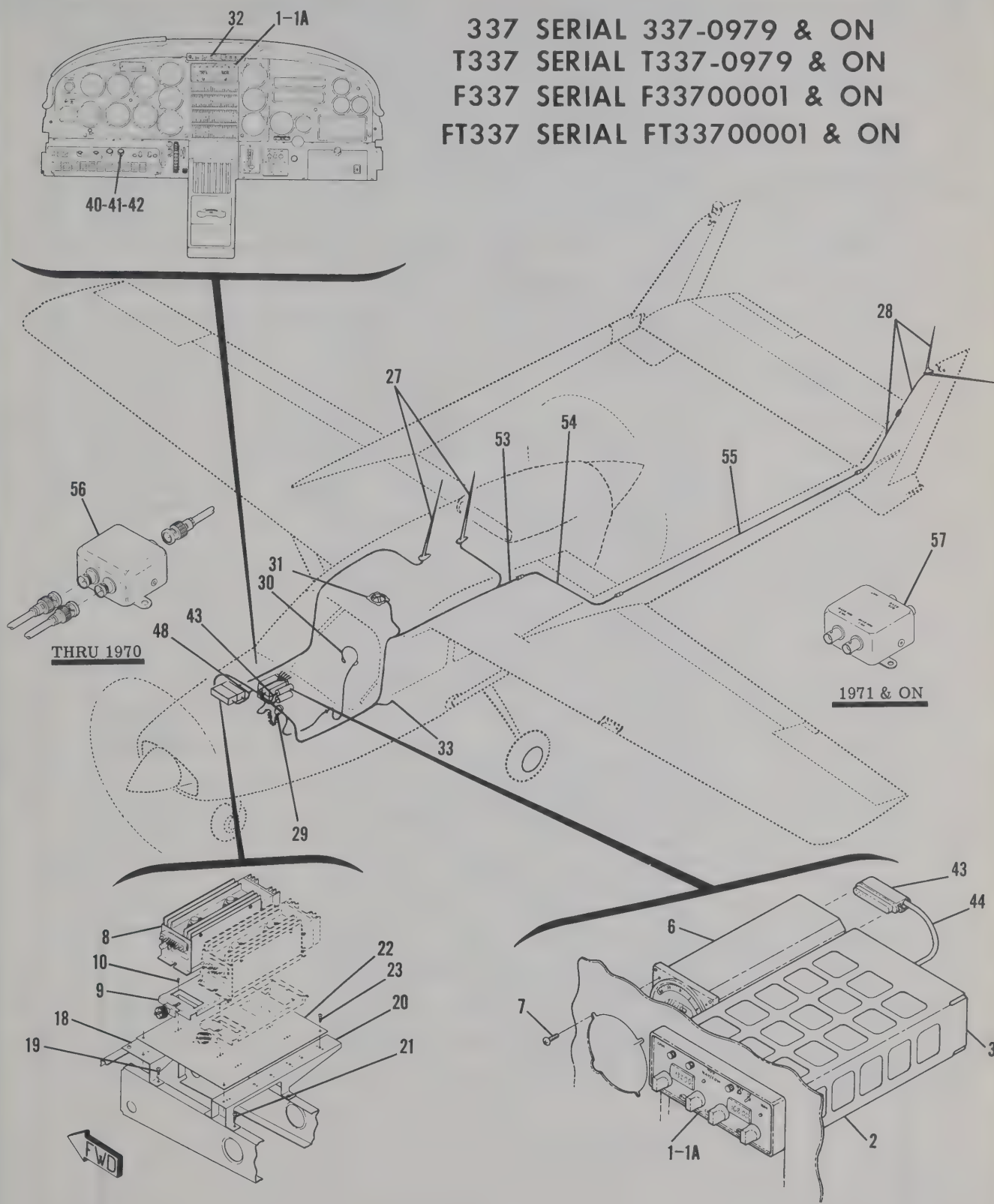


Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 6 of 6)

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-10-		CESSNA 400 NAV/COM RADIO INSTALLATION - TYPE RT-522 -----	NP	
- 1	33950-1100	RECEIVER-TRANSMITTER BLACK FACEPLATE WHEN -----	1	F
		EXHAUSTED USE 33950-1102 ARC -----		
- 1A	33950-1102	RECEIVER-TRANSMITTER LIGHT SHADOW GREY FACEPLATE ARC-	1	G
	33950-3001	RECEIVER-TRANSMITTER TYPE RT-522A HAS ARC NAME -----	1	G
		WITH LIGHT SHADOW GREY FACEPLATE REPLACES ITEM 1A		
		WHEN EXPORTED TO JAPAN ARC -----		
	38185	FILTER-RF LOW PASS USED ONLY WITH 33950-3001 -----	1	G
		RADIOS EXPORTED TO JAPAN INSERTED IN RF CABLE		
		BETWEEN RTA UNIT AND ANTENNA ARC -----		
- 2	37525-0071	MOUNTING KIT ARC -----	1	
- 3	35213	REAR PLATE -----	2	
		ATTACHING PARTS -----		
- 4	S1021Z6-6	SCREW -----	4	
- 5	NAS446-2-3	NUT -----	4	
		---*---		
- 6	39480-0000	INDICATOR TYPE IN-522B REPLACES 33970-0000 TYPE -----	1	
		IN-522A WHEN EXHAUSTED ARC -----		
	34290-0000	INDICATOR TYPE IN-543B REPLACES 34290-0000 TYPE -----	1	
		IN-543A WHEN EXHAUSTED REPLACES ITEM 6 WHEN GLIDE		
		SLOPE IS INSTALLED ARC -----		
		ATTACHING PARTS -----		
- 7	AN515-6R10	SCREW -----	3	
	NAS487-20	NUT -----	3	
		---*---		
	40564-0000	LIGHT CAP-SHORT REQUIRED FOR INDICATORS LISTED -----	1	G
		UNDER ITEM 6 AS REPLACEMENT FOR STD LIGHT CAP		
- 8	36600-0000	REMOTE UNIT TYPE RTA-532B WHEN EXHAUSTED -----	1	A
		USE 38960 ARC -----		
	38960-0014	REMOTE UNIT TYPE RT-532B-1 14 VOLT ARC -----	1	B
	38960-0028	REMOTE UNIT TYPE RT-532B-1 28 VOLT ARC -----	1	C
- 9	35540-0000	MOUNTING - REMOTE UNIT TYPE M-532A ARC -----	1	
		ATTACHING PARTS -----		
-10	AN515-6R10	SCREW -----	4	
-11	S1648-06-75	RIVNUT 177RG, 182 & 210 SERIES ONLY -----	4	
	NAS679A06	NUT 206 SERIES ONLY -----	4	
		---*---		
-12	1270627-91	ATTACH ANGLE 206 SERIES ONLY -----	2	
		ATTACHING PARTS -----		
-13	AN520-10R6	SCREW -----	4	
		---*---		
-14	1270703-1	RACK ASSY 1970 & ON 210 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
-15	AN515-8R6	SCREW -----	4	
		---*---		
-16	1221248-7	PLATE USED ONLY WHEN A SINGLE NAV/COM IS INSTALLED -----	1	
		1970 & ON 210 SERIES ONLY		
-17	1221248-6	PLATE USED ONLY WHEN DUAL NAV/COM IS INSTALLED -----	1	
		1970 & ON 210 SERIES ONLY		
-18	1513629-1	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
-19	AN515-8R8	SCREW -----	5	
	NAS679A08	NUT -----	5	
		---*---		
-20	1513635-1	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
-21	AN515-8R8	SCREW -----	4	
	NAS679A08	NUT -----	4	
		---*---		
-22	1513313-3	PLATE ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
-23	AN515-8R8	SCREW -----	4	
		---*---		
-24	37243	FILTER ASSY 12 VOLT AIRCRAFT ONLY ARC -----	1	A
		ATTACHING PARTS -----		
-25	AN515-6R8	SCREW -----	2	
-26	NAS679A06	NUT -----	2	
		---*---		
CONTINUED ON NEXT PAGE				

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION						UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6		
1-10-27	SEE FIG 3-1	VHF ANTENNA INSTALLATION	-----	-----	-----	-----	-----	1	
-28	SEE FIG 3-2	OMNI ANTENNA INSTALLATION	-----	-----	-----	-----	-----	1	
-29	SEE SEC 4	MICROPHONE INSTALLATION	-----	-----	-----	-----	-----	1	
-30	SEE FIG 4-9	HEADPHONE INSTALLATION	-----	-----	-----	-----	-----	1	
-31	SEE FIG 4-6	SPEAKER INSTALLATION	-----	-----	-----	-----	-----	1	
-32	SEE SEC 4	TRANSMITTER SELECTOR SWITCH INSTALLATION	-----	-----	-----	-----	-----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION	-----	-----	-----	-----	-----	1	
-33	S1360-5	CIRCUIT BREAKER	-----	-----	-----	-----	-----	1	
	S1360-5L	CIRCUIT BREAKER SUPPLIED WITHOUT NUT	-----	-----	-----	-----	-----	1	F
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER	-----	-----	-----	-----	-----	1	G
-34	S1880-3	RHEOSTAT 1969 MODELS 182, P206 SERIES & 210 SERIES ONLY	-----	-----	-----	-----	-----	1	
-35	S2008-1	RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY	-----	-----	-----	-----	-----	1	
-36	S1904-3	RHEOSTAT 1970 MODEL 210 SERIES ONLY	-----	-----	-----	-----	-----	1	
-36A	S1880-1	* RHEOSTAT-RADIO DIMMING 1971 & ON MODEL 177RG ONLY	-----	-----	-----	-----	-----	1	
-36B	S2091-1	* VARIABLE RESISTOR-RADIO DIMMING 1971 & ON MODELS 182, 206 & 210 SERIES ONLY	-----	-----	-----	-----	-----	1	
-37	S1753-7	KNOB - RHEOSTAT 1969 MODELS 182, 206 SERIES & 210 SERIES ONLY	-----	-----	-----	-----	-----	1	
-38	S1995-1	KNOB - RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY	-----	-----	-----	-----	-----	1	
-39	S1980-1	KNOB - RHEOSTAT 1970 MODEL 210 SERIES ONLY	-----	-----	-----	-----	-----	1	
-39A	S1980-3	* KNOB-RHEOSTAT 1971 & ON MODEL 177RG ONLY	-----	-----	-----	-----	-----	1	
	AN565B8H3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY	-----	-----	-----	-----	-----	1	
-39B	S1995-4	* KNOB-RHEOSTAT 1971 & ON MODEL 182, 206 & 210 SERIES ONLY	-----	-----	-----	-----	-----	1	
	AN565B2H3	* SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 182, 206 & 210 SERIES ONLY	-----	-----	-----	-----	-----	1	
-40	1570164-1	* SWITCH ASSY - RADIO LIGHT DIMMING 337 SERIES ONLY	-----	-----	-----	-----	-----	1	
	9341GL	RHEOSTAT CPH	-----	-----	-----	-----	-----	1	
	S1832-1	SWITCH	-----	-----	-----	-----	-----	1	
-41	S1753-6	KNOB - RHEOSTAT 1969 MODEL 337 SERIES ONLY	-----	-----	-----	-----	-----	1	
-42	S1980-3	* KNOB - RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY	-----	-----	-----	-----	-----	1	
	AN565D8H2	* SET-SCREW 1970 & ON MODEL 337 SERIES ONLY	-----	-----	-----	-----	-----	1	
-43		* CABLE ASSY NAV SIDE OF TRANSCEIVER TO INDICATOR, CONVERTER, OMNI ANT CABLE & AUDIO JUNCTION BOX ALL MODELS EXCEPT 177RG ONLY	-----	-----	-----	-----	-----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM	-----	-----	-----	-----	-----	AR	
	35693-0004	CONNECTOR CONNECTS TO NAV SIDE OF RECEIVER-TRANSMITTER-PART OF 37525-0071 MOUNTING KIT ARC	-----	-----	-----	-----	-----	1	
	35032-0012	CONTACT - COAXIAL ATTACHES TO NAV SIDE OF RECEIVER TRANSMITTER FOR OMNI ANT CONNECTOR ARC	-----	-----	-----	-----	-----	1	
-44	36364-0000	CONNECTOR KIT ATTACHES TO INDICATOR ARC	-----	-----	-----	-----	-----	1	
	S1838-2	HOUSING CONNECTS TO PI ON AUDIO JUNCTION BOX	-----	-----	-----	-----	-----	1	
-45		* CABLE ASSY CONNECTS TO NAV SIDE OF TRANSCEIVER - OMNI PIGTAIL TO STA. 55.625 1970 & ON 210 SERIES ONLY	-----	-----	-----	-----	-----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM	-----	-----	-----	-----	-----	AR	
	UG-89/U	JACK - COAXIAL CONNECTS TO PIG TAIL CONNECTOR	-----	-----	-----	-----	-----	1	
	UG-88/CU	PLUG - COAXIAL CONNECTS TO CABLE AT STA. 55.62	-----	-----	-----	-----	-----	1	
-46		* CABLE ASSY CONNECTS TO OMNI ANT CABLES AT STA. 55.62 AND STA. 152.20 1970 & ON 210 SERIES ONLY	-----	-----	-----	-----	-----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM	-----	-----	-----	-----	-----	AR	
	UG-89/U	JACK - COAXIAL CONNECTS TO OMNI CABLE AT STA. 55.62	-----	-----	-----	-----	-----	1	
	UG-291/U	JACK - FLANGE MOUNT COAXIAL CONNECTS TO CABLE AT STA. 152.20	-----	-----	-----	-----	-----	1	
-47		* CABLE ASSY CONNECTS TO STA. 152.20 AND BALUN STUB ON 1970 MODELS OR VERTICAL TAIL CONNECTOR ON 1971 & ON MODELS 1970 & ON 210 SERIES ONLY	-----	-----	-----	-----	-----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM	-----	-----	-----	-----	-----	AR	
	UG-88C/U	PLUG - COAXIAL	-----	-----	-----	-----	-----	1	
-48		* CABLE ASSY COM SIDE OF TRANSCEIVER TO LH WING ROOT, ACCESSORY UNIT, AUDIO JUNCTION BOX AND RADIO NOISE FILTER ALL MODELS EXCEPT 177RG ONLY	-----	-----	-----	-----	-----	NP	
	35693-0003	CONNECTOR ATTACHES TO RECEIVER - TRANSMITTER ARC	-----	-----	-----	-----	-----	1	
	35032-0012	CONTACT ATTACHES TO RECEIVER - TRANSMITTER ARC	-----	-----	-----	-----	-----	1	
	S1961-2-4	HOUSING CAP CONNECTS TO WING ROOT	-----	-----	-----	-----	-----	1	
	S1838-1	HOUSING CONNECTS TO FILTER ASSY	-----	-----	-----	-----	-----	1	A
	RG-58A/U	COAXIAL CABLE BULK ITEM	-----	-----	-----	-----	-----	AR	
	UG-88C/U	PLUG - COAXIAL	-----	-----	-----	-----	-----	2	

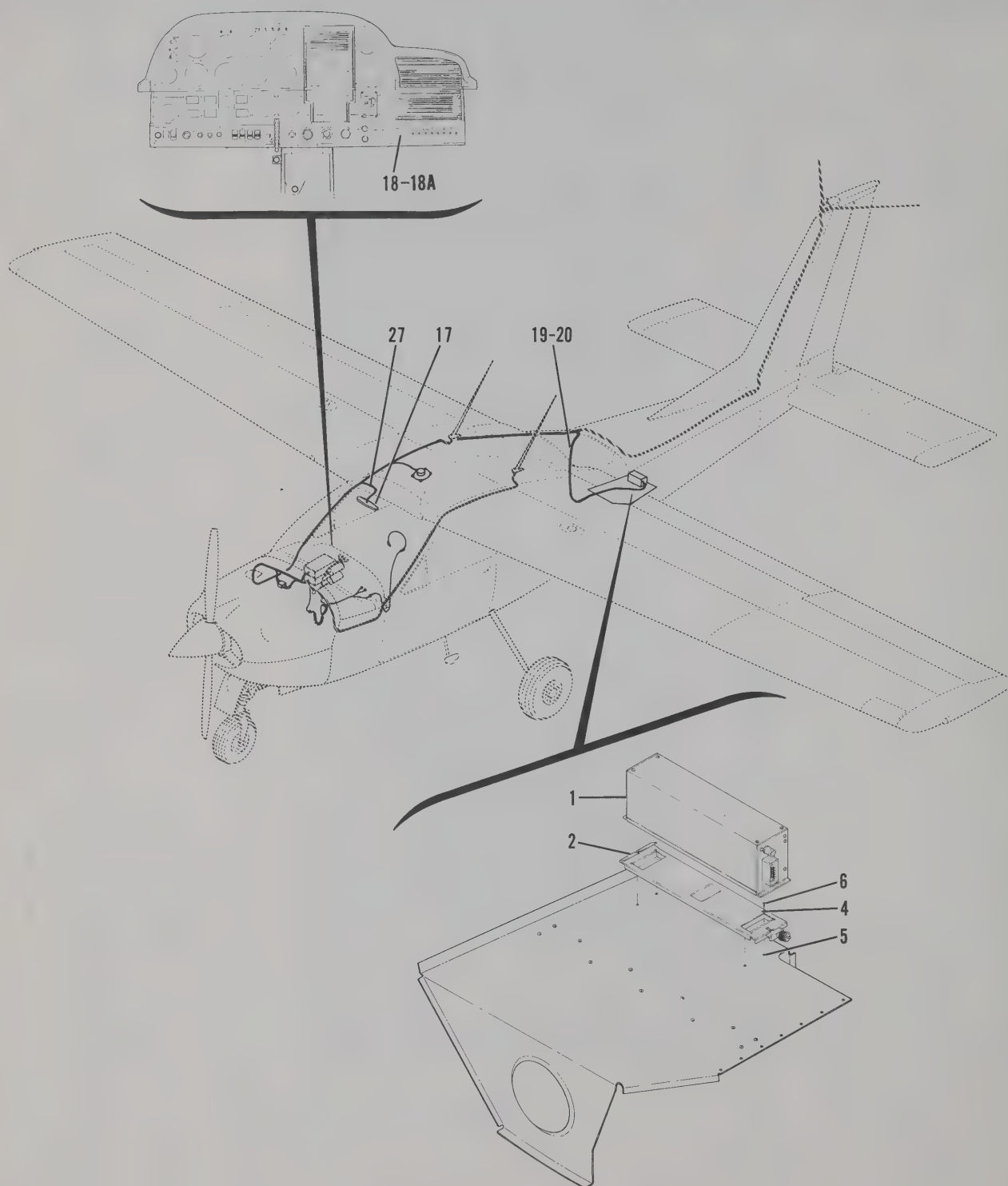
CONTINUED ON NEXT PAGE

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-10-49	*	CABLE ASSY LH WING ROOT TO ACCESSORY UNIT 1970 & ON - 210 SERIES ONLY	NP	
	36363-0000	CONNECTOR KIT CONNECTS TO ACCESSORY UNIT ARC -----	1	
	S1961-1-4	HOUSING PLUG CONNECTS TO TRANSMITTER CABLE -----	1	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	1	
	UG-291/U	JACK - COAXIAL FLANGE MOUNT CONNECTS TO ACCESSORY CABLE-	2	
-50	*	CABLE ASSY VHF ANT CABLE - ACCESSORY UNIT TO WING ROOT -- 1970 & ON 210 SERIES ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG - COAXIAL CONNECTS TO ACCESSORY UNIT -----	1	
	UG-291/U	JACK - FLANGE MOUNT CONNECTS TO WING ROOT -----	1	
-51	*	CABLE ASSY VHF ANT CABLE - WING ROOT TO VHF ANTENNA ---- 1970 & ON 210 SERIES ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-913/U	PLUG - RIGHT ANGLE CONNECTS TO VHF ANTENNA -----	1	
	UG-88C/U	PLUG - COAXIAL -----	1	
-52	*	CABLE ASSY RECEIVER - TRANSMITTER TO BALUN STUB ----- ALL MODELS EXCEPT 337 SERIES & 1970 & ON 210 SERIES	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	CONNECTOR - JACK CONNECTS TO RECEIVER - TRANSMITTER ---	1	
	UG-88C/U	CONNECTOR - PLUG CONNECTS TO BALUN STUB THRU 1970 ---- MODELS AND CONNECTS TO VERTICAL TAIL CONNECTOR ON 1971 & ON MODELS	1	
-53	*	CABLE ASSY RECEIVER - TRANSMITTER TO OMNI CABLE ----- CONNECTION AT WING ROOT 337 SERIES ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	CONNECTOR TRANSCIEIVER END -----	1	
	UG-88C/U	PLUG - COAXIAL WING ROOT END -----	1	
-54	*	CABLE ASSY WING ROOT CONNECTION TO BOOM CONNECTION ----- SUPPLIED ON AIRCRAFT AS STANDARD EQUIPMENT 337 SERIES ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG - COAXIAL BOOM END -----	1	
	UG-89/U	RECEPTACLE - COAXIAL WING ROOT END -----	1	
-55	*	CABLE ASSY BOOM CONNECTION TO BALUN STUB OR VERTICAL ---- TAIL CONNECTOR 337 SERIES ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	1	
	UG-89/U	RECEPTACLE - COAXIAL -----	1	
	UG-88C/U	PLUG - COAXIAL BALUN STUB END THRU 1970 MODELS OR ---- VERTICAL TAIL CONNECTOR ON 1971 & ON MODELS	1	
-56	AV-547	COUPLER - OMNI LEAD USED ONLY WHEN DUAL RADIOS ----- ARE INSTALLED THRU 1970 MODELS ONLY ASC	1	D
-57	S2086-1	ANTENNA COUPLER USED ONLY WHEN DUAL RADIOS ARE INSTALLED- 1971 & ON MODELS ONLY	1	E
-58	*	CABLE ASSY RECEIVER-TRANSMITTER TO REMOTE UNIT CABLE ---- AT RH INBOARD WING RIB AT STA. 115 AND NAV RCVR TO IND- CONVERTER 1971 & ON RG177 ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	35693-0003	CONNECTOR CONNECTS TO RCVR-XMTR ARC -----	1	
	UG-88C/U	CONNECTOR TWO CONNECT TO REMOTE UNIT CABLE AND ONE ---- CONNECTS TO OMNI	2	
	S1961-2-4	HOUSING CONNECTS TO REMOTE UNIT CABLE -----	1	
	S1838-2	HOUSING CONNECTS TO AUDIO JUNCTION BOX -----	1	
	35693-0004	CONNECTOR CONNECTS TO NAV-RCVR ARC -----	1	
	35032-0012	CONTACT USED WITH 35693-0004 CONNECTOR ARC -----	1	
	36364-0000	CONNECTOR KIT CONNECTS TO IND-CONVERTER ARC -----	1	
-59	*	CABLE ASSY REMOTE UNIT TO RH INBOARD WING RIB ----- CABLE AT STA. 115 1971 & ON RG-177 ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-909/U	JACK-COAXIAL CONNECTS TO CABLE ASSY AT STA. 115 -----	2	
	S1961-1-4	HOUSING CONNECTS TO CABLE ASSY AT STA. 115 -----	1	
	36363-0000	CONNECTOR KIT CONNECTS TO REMOTE UNIT -----	1	

CONTINUED ON NEXT PAGE

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-10-		NOTES * 1. REFER TO THE APPROPRIATE PARTS CATALOG FOR 1972 & ON RADIO DIMMING RHEOSTATS & KNOBS. 2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS. A---182 SERIAL 18259306 THRU 18260106 A182 SERIAL A182-0057 THRU A182-0096 P206 SERIAL P206-0520 THRU P206-0611 TP206 SERIAL TP206-0520 THRU TP206-0611 210 SERIAL 21059062 THRU 21059199 T210 SERIAL T210-0393 THRU T210-0454 337 SERIAL 337-0979 THRU 337-1256 T337 SERIAL T337-0979 THRU T337-1256 F337 SERIAL F33700001 THRU F33700012 FT337 SERIAL FT33700001 THRU FT33700012 B---177RG SERIAL 177RG0001 & ON F177RG SERIAL F177RG0001 & ON 182 SERIAL 18260107 & ON A182 SERIAL A182-0097 & ON P206 SERIAL P20600612 THRU P20600648 TP206 SERIAL TP20600612 THRU TP20600648 U206 SERIAL U20601588 & ON 210 SERIAL 21059200 & ON T210 SERIAL T21000455 & ON C---337 SERIAL 33701257 & ON T337 SERIAL T33701257 & ON F337 SERIAL F33700013 & ON FT337 SERIAL FT33700013 & ON D---182 SERIAL 18259306 THRU 18260445 A182 SERIAL A182-0057 THRU A182-0116 P206 SERIAL P206-0520 THRU P20600648 TP206 SERIAL TP206-0520 THRU TP20600648 210 SERIAL 21059062 THRU 21059351 T210 SERIAL T210-0393 THRU T21059351 337 SERIAL 337-0979 THRU 33701316 T337 SERIAL T337-0979 THRU T33701316 F337 SERIAL F33700001 THRU F33701316 FT337 SERIAL FT33700001 THRU FT33701316 E---177RG SERIAL 177RG0001 & ON F177RG SERIAL F177RG0001 & ON 182 SERIAL 18260446 & ON A182 SERIAL A182-0117 & ON U20601588 & ON 210 SERIAL 21059352 & ON T210 SERIAL T21059352 & ON 337 SERIAL 33701317 & ON T337 SERIAL T33701317 & ON F337 SERIAL F33701317 & ON FT337 SERIAL FT33701317 & ON F---THRU 1971 MODELS ONLY G---1972 & ON MODELS ONLY		

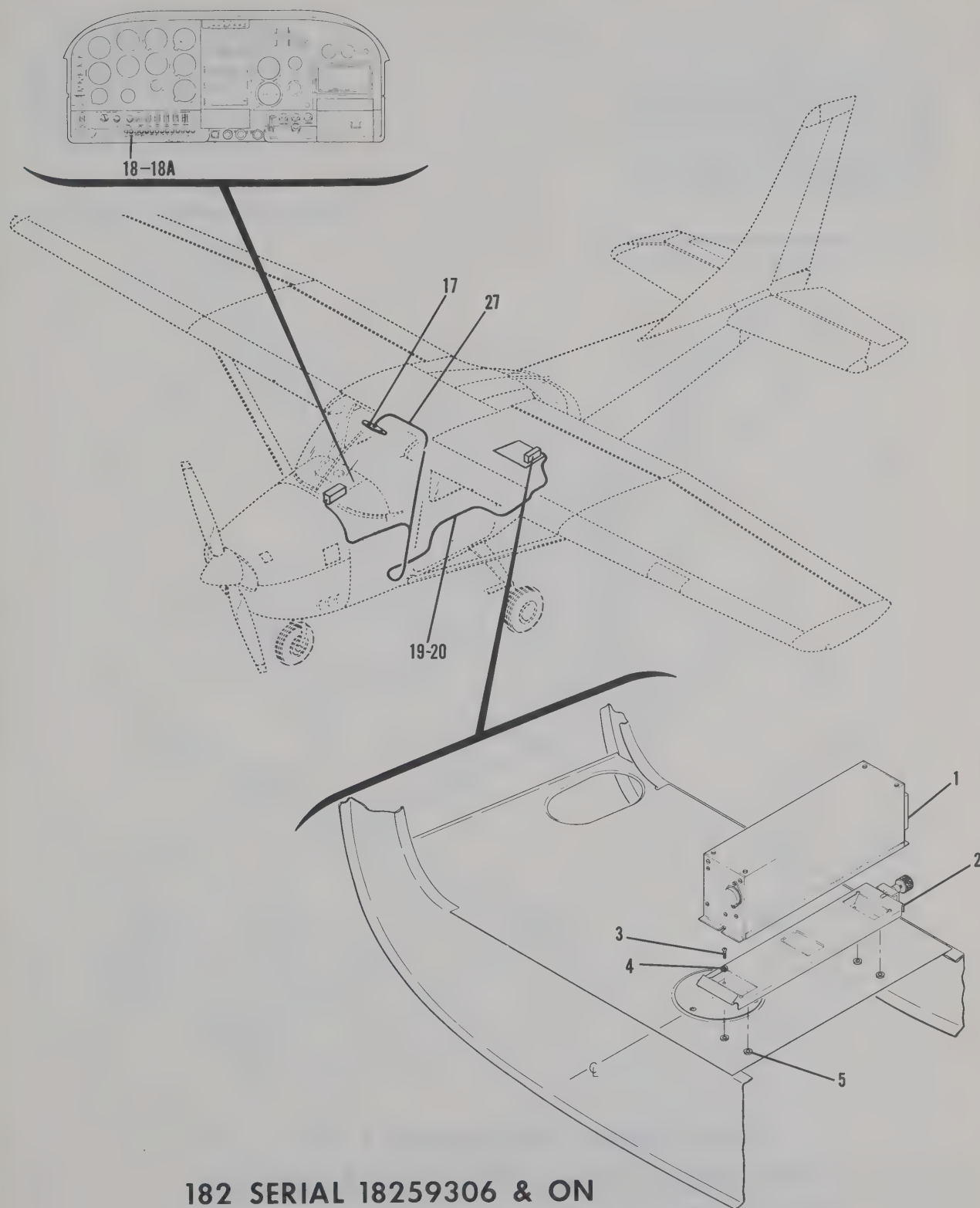
CESSNA 400 GLIDE SLOPE INSTALLATION



177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON

Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 1 of 6)

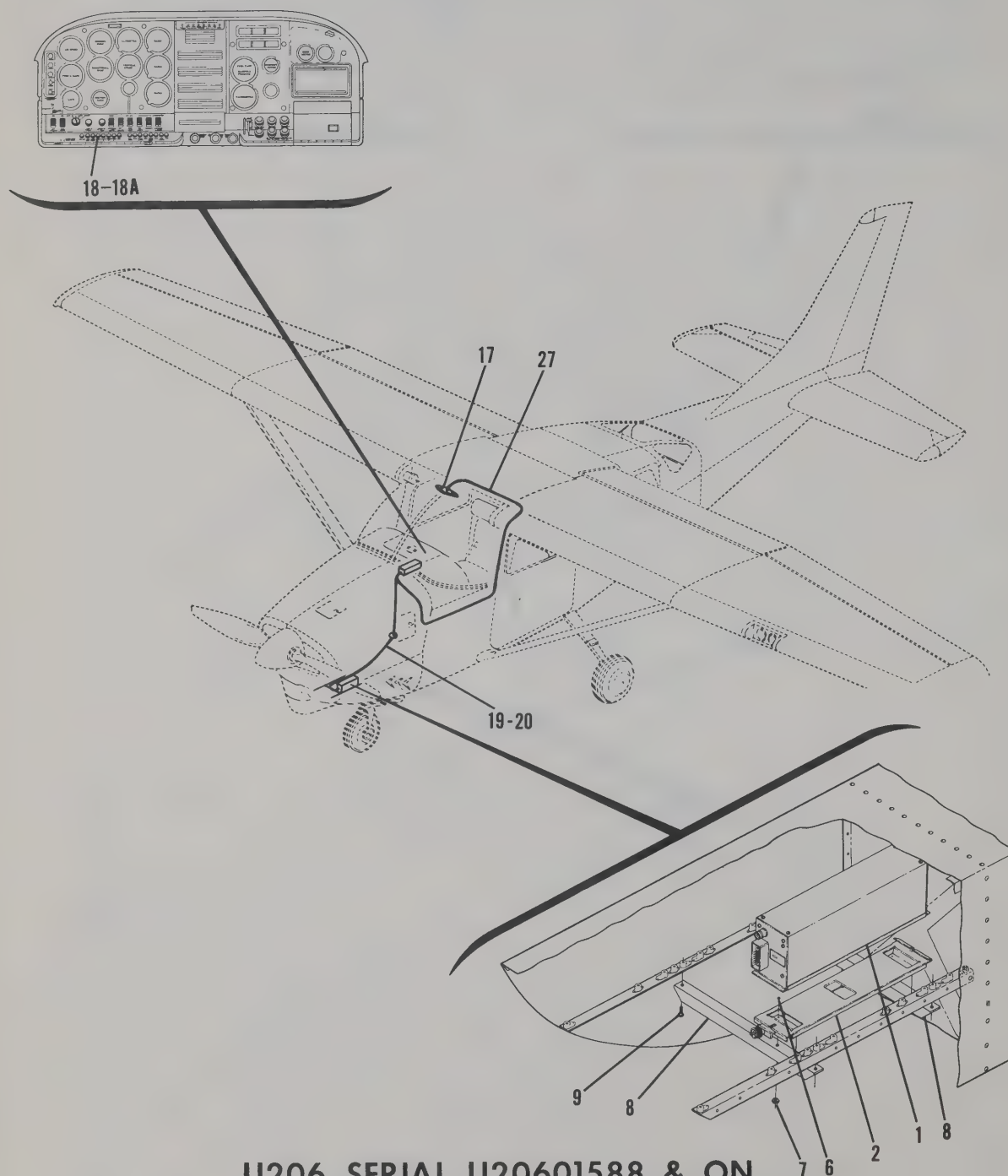
CESSNA 400 GLIDE SLOPE INSTALLATION



**182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON**

Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 2 of 6)

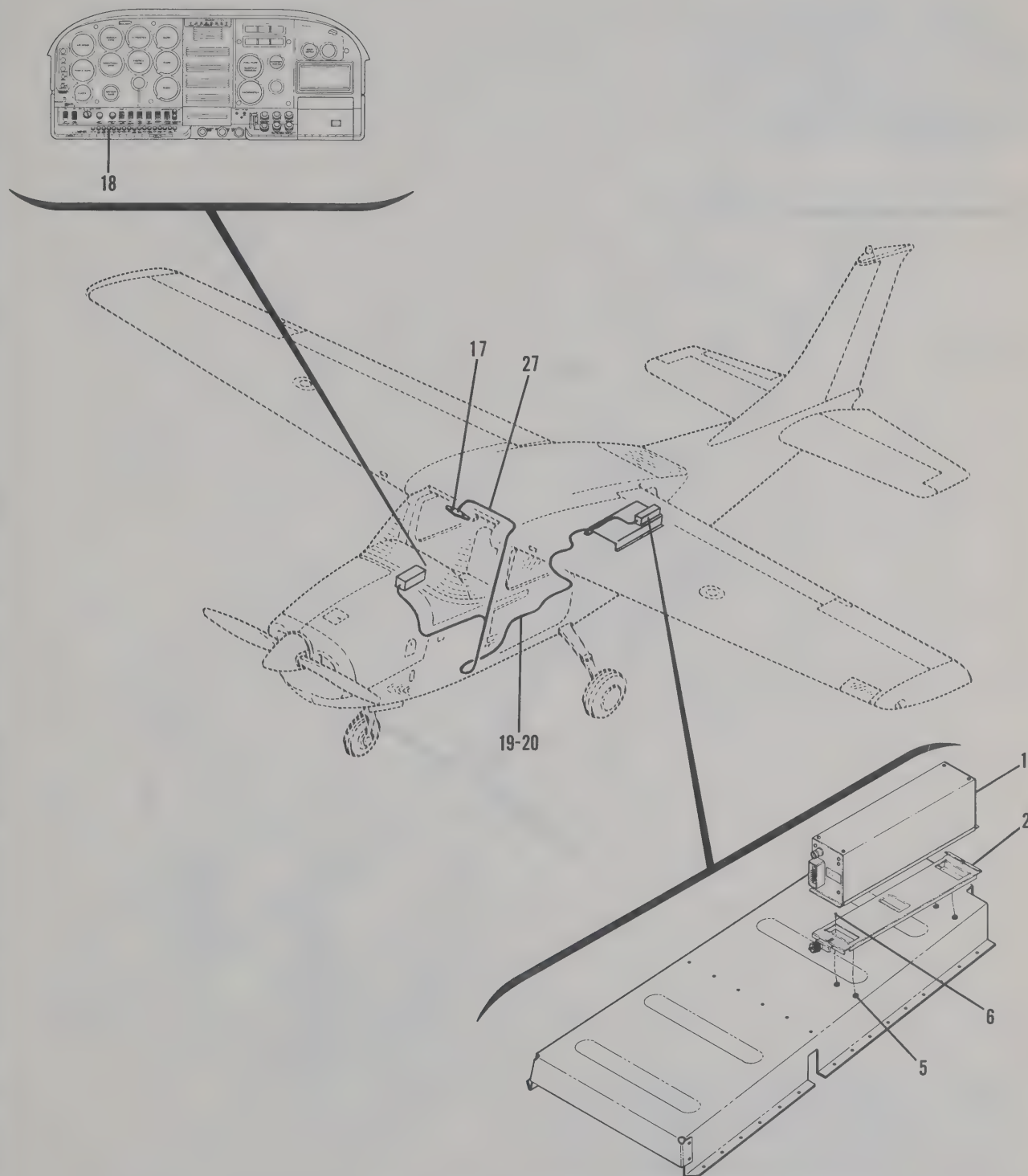
CESSNA 400 GLIDE SLOPE INSTALLATION



U206 SERIAL U20601588 & ON
P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648

Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 3 of 6)

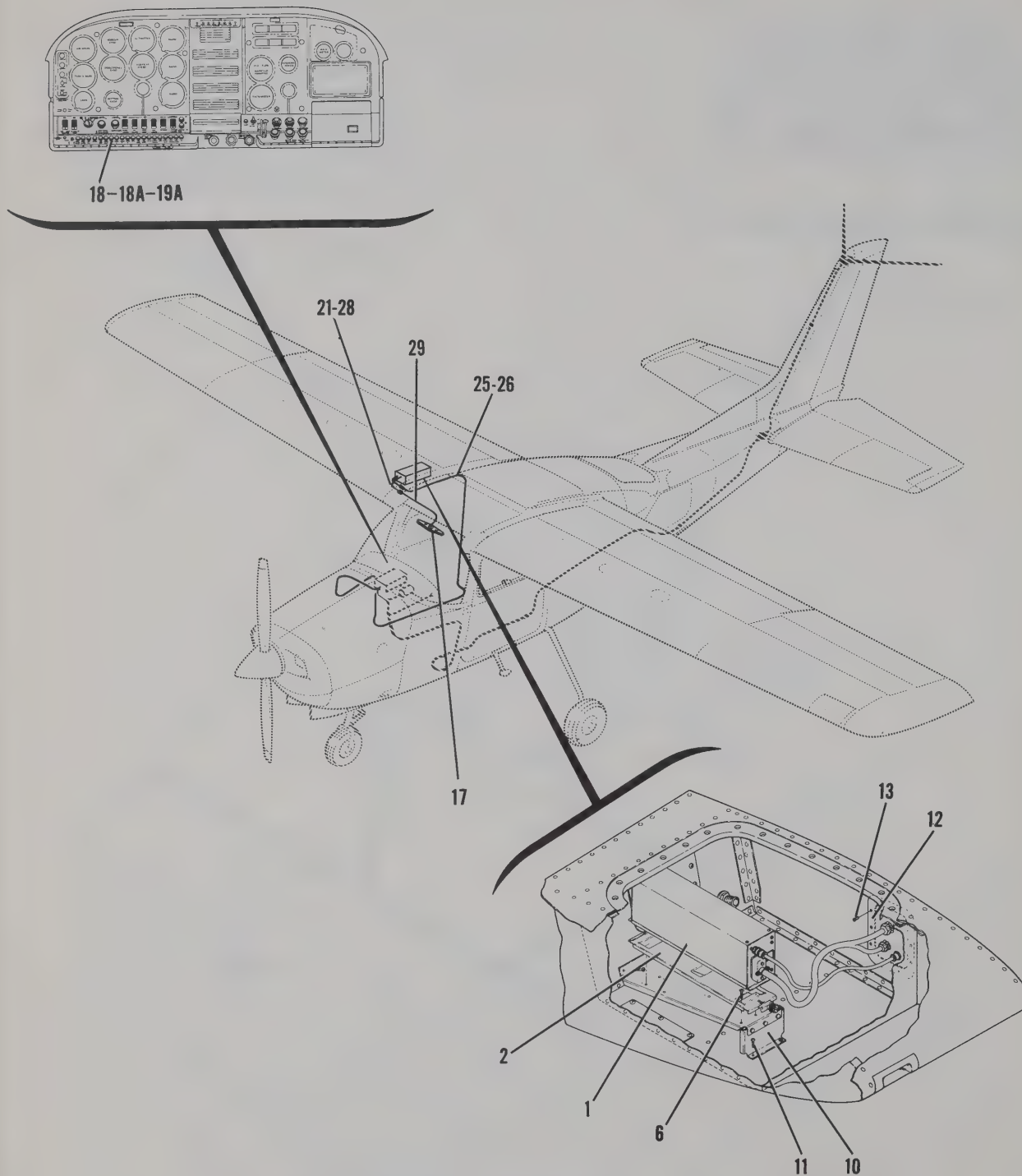
CESSNA 400 GLIDE SLOPE INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 4 of 6)

CESSNA 400 GLIDE SLOPE INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL T21059200 & ON

Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 5 of 6)

CESSNA 400 GLIDE SLOPE INSTALLATION

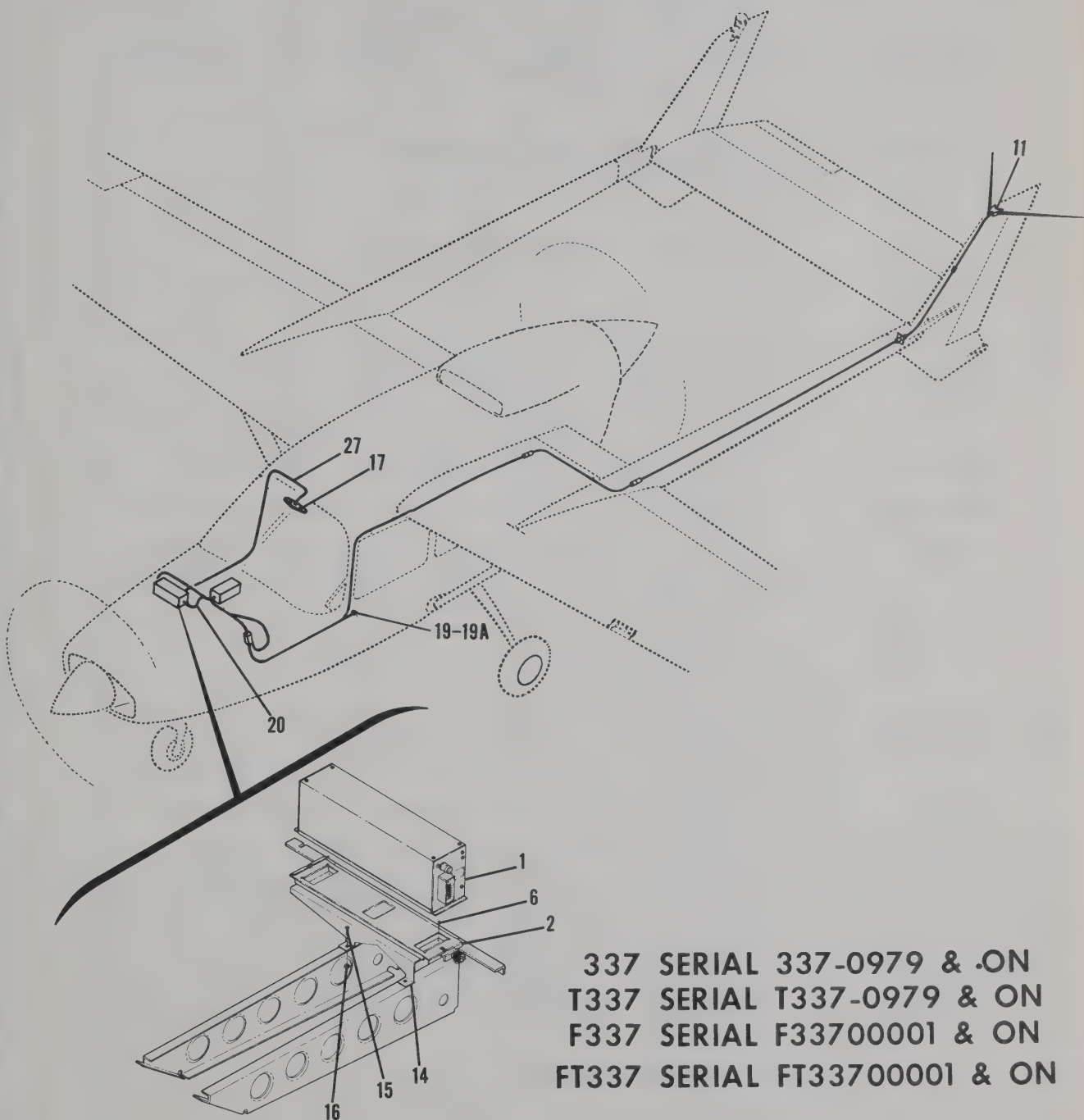


Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 6 of 6)

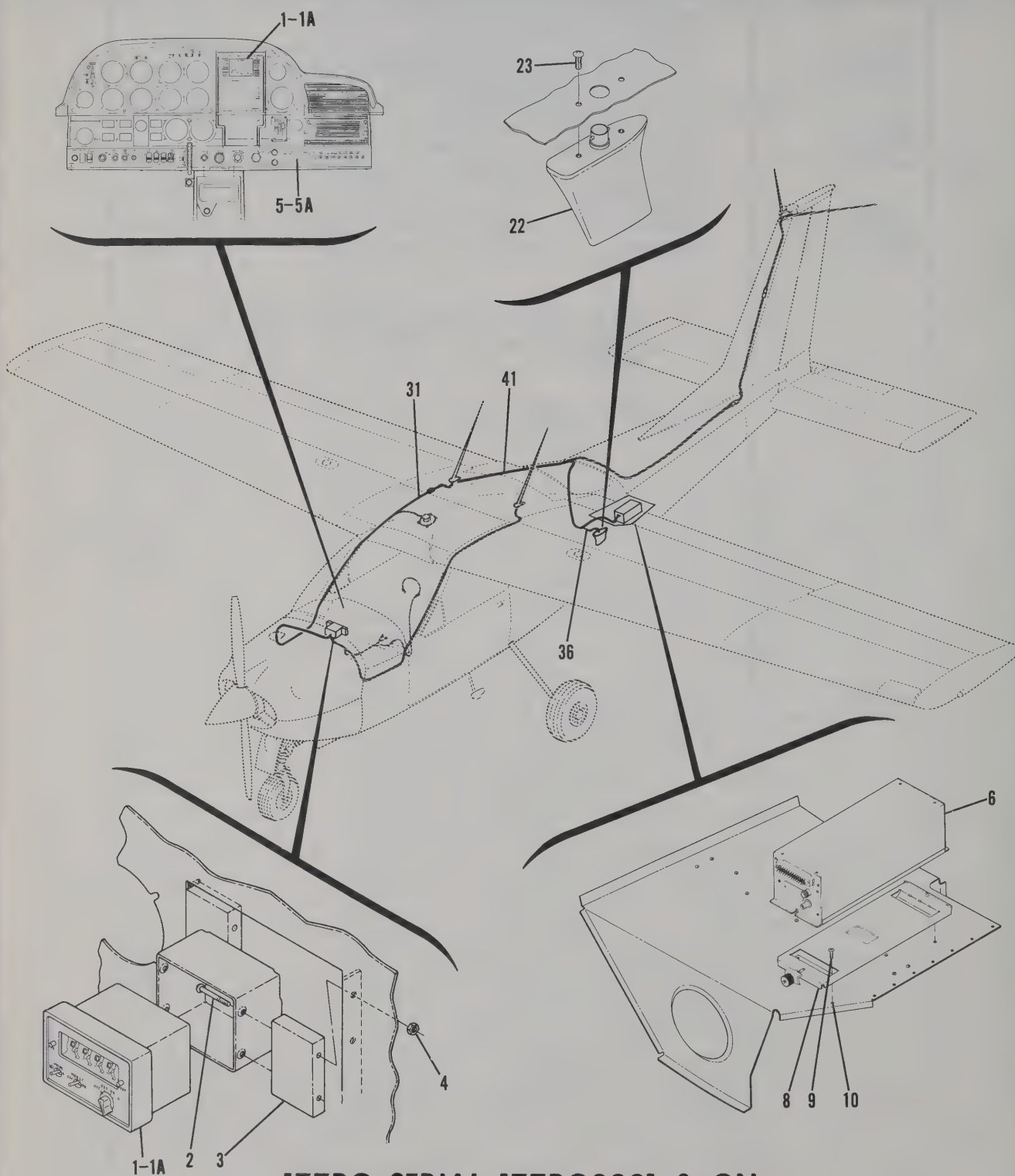
Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-11-		CESSNA 400 GLIDE SLOPE -TYPE R-543B- RADIO INSTALLATION -----	NP	
- 1	36440-0000	GLIDE SLOPE RECEIVER TYPE R-543B ARC -----	1	
- 2	36450-0000	MOUNTING TYPE M-543B ARC -----	1	
		ATTACHING PARTS -----		
- 3	AN515-6R16	SCREW 182 ONLY -----	4	
- 4	AN936A6	WASHER 177RG SERIES & 182 ONLY -----	4	
- 5	S1648-08K75	RIVNUT 177RG SERIES, 182 & 1969 210 SERIES ONLY -----	4	
- 6	AN515-8R6	SCREW 177RG SERIES, 206 SERIES, 210 SERIES & 337 SERIES - ONLY -----	4	
- 7	NAS679A06	NUT 206 SERIES ONLY -----	4	
		---*---		
- 8	1270627-57	ATTACH ANGLE 206 SERIES ONLY -----	2	
		ATTACHING PARTS -----		
- 9	AN520-10R6	SCREW -----	4	
		---*---		
-10	1270703-1	RACK ASSY 1970 & ON 210 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
-11	AN515-8R6	SCREW -----	4	
		---*---		
-12	1221248-5	PLATE 1970 & ON 210 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
	1221253-2	SEAL -----	1	
-13	AN515-8R6	SCREW -----	10	
		---*---		
-14	1513722-1	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
-15	AN515-8R8	SCREW -----	5	
-16	NAS679A08	NUT -----	5	
		---*---		
-17	SEE FIG 3-3	GLIDE SLOPE ANTENNA INSTALLATION -----	1	
-18	S1360-5	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	A
-18A	S1360-5L	CIRCUIT BREAKER - WITHOUT NUT 14 VOLT AIRCRAFT ONLY -----	1	B
-19	S1360-2	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	A
-19A	S1360-2L	CIRCUIT BREAKER - WITHOUT NUT 28 VOLT AIRCRAFT ONLY -----	1	B
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
	*	CABLE ASSY GLIDE SLOPE RCVR TO 300 NAV/COM -TYPE RT-540A- OR RT-528A ALL MODELS EXCEPT 1970 & ON 210 SERIES	NP	
	36194-0001	CONNECTOR KIT SUPPLIED WITH RCVR CONNECTS TO -----	1	
		GLIDE SLOPE RECEIVER ARC -----		
	MRE14PG7HVL	CONNECTOR KIT CONNECTS TO TYPE RT-540A RCVR-XMTR -----	1	
		PIGTAIL ONLY WIQ -----		
	S2096-1	BLOCK CONNECTS TO TYPE RT-528A RCVR-XMTR PIGTAIL ONLY -	1	
	S1640-6	HOUSING CONNECTS TO INDICATOR CABLE ASSY 177RG ONLY-	1	
-20	*	CABLE ASSY GLIDE SLOPE RCVR TO 400 NAV/COM TYPE RT522A -- ALL MODELS EXCEPT 1970 & ON 210 SERIES	NP	
	36194-0001	CONNECTOR KIT SUPPLIED WITH RCVR CONNECTS TO -----	1	
		GLIDE SLOPE RECEIVER ARC -----		
	35548-0225	CONNECTOR CONNECTS TO NAV SIDE OF 400 NAV/COM ----- SUPPLIED WITH 400 NAV/COM ARC	1	
-21	*	CABLE ASSY GLIDE SLOPE RCVR TO RH WING ROOT ----- 1970 & ON 210 SERIES ONLY	NP	
-22	36194-0001	CONNECTOR KIT CONNECTS TO 400 GLIDE SLOPE -----	1	
-23	S1960-1-0	HOUSING PLUG CONNECTS TO RH WING ROOT 7 PIN -----	1	
-24	S1961-1-2	HOUSING PLUG CONNECTS TO RH WING ROOT 12 PIN -----	1	
-25	*	CABLE ASSY 300 NAV/COM PIGTAIL TO RH WING ROOT ----- 1970 & ON 210 SERIES ONLY	NP	
	36195	CONNECTOR KIT CONNECTS TO 300 NAV/COM TYPE RT-540A ---- PIGTAIL ARC	1	
	S2096-1	BLOCK CONNECTS TO TYPE RT-528A RCVR-XMTR PIGTAIL ONLY -	1	
	S1960-2-0	HOUSING-CAP CONNECTS TO RH WING ROOT 7 PIN -----	1	
	S1961-2-2	HOUSING-CAP CONNECTS TO RH WING ROOT 12 PIN -----	1	
	S1640-9	HOUSING CONNECTS TO IN-525A INDICATOR CABLE -----	1	
-26	*	CABLE ASSY 400 NAV/COM TO RH WING ROOT ----- 1970 & ON 210 SERIES ONLY	NP	
	35548-0225	CONNECTOR KIT CONNECTS TO 400 NAV RCVR -----	1	
	S1961-2-2	HOUSING-CAP CONNECTS TO RH WING ROOT 12 PIN -----	1	
	S1960-2-0	HOUSING-CAP CONNECTS TO RH WING ROOT 7 PIN -----	1	
	34294-0425	CONNECTOR CONNECTS TO IN-543 INDICATOR ARC -----	1	
	35693-0004	CONNECTOR CONNECTS TO R-542 400 NAV RCVR ARC -----	1	
		CONTINUED ON NEXT PAGE		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-11-27	*	CABLE ASSY GLIDE SLOPE RCVR TO ANTENNA ALL MODELS ---	NP	
		EXCEPT 1970 & ON 210 SERIES		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	CONNECTOR CONNECTS TO GLIDE SLOPE RCVR -----	1	
	S1367-1-4	TERMINAL CONNECTS TO ANTENNA -----	2	
	*	CABLE ASSY GLIDE SLOPE RCVR TO RH WING ROOT -----	NP	
		1970 & ON 210 SERIES ONLY		
-28	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	CONNECTOR-COAXIAL CONNECTS TO GLIDE SLOPE RCVR -----	1	
	UG-909/U	JACK-COAXIAL CONNECTS TO RH WING ROOT -----	1	
-29	*	CABLE ASSY RH WING ROOT TO ANTENNA 1970 & ON -----	NP	
		210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL CONNECTS TO RH WING ROOT -----	1	
	S1367-1-4	TERMINAL CONNECTS TO ANTENNA -----	2	
NOTE *				
REFER TO THE APPROPRIATE WIRING DIAGRAMS IN				
SECTION VII OF THIS MANUAL FOR ELECTRICAL				
CONNECTORS AND WIRING APPLICABLE TO 1972 & ON				
MODELS.				
A---THRU 1971 MODELS ONLY				
B---1972 & ON MODELS ONLY				

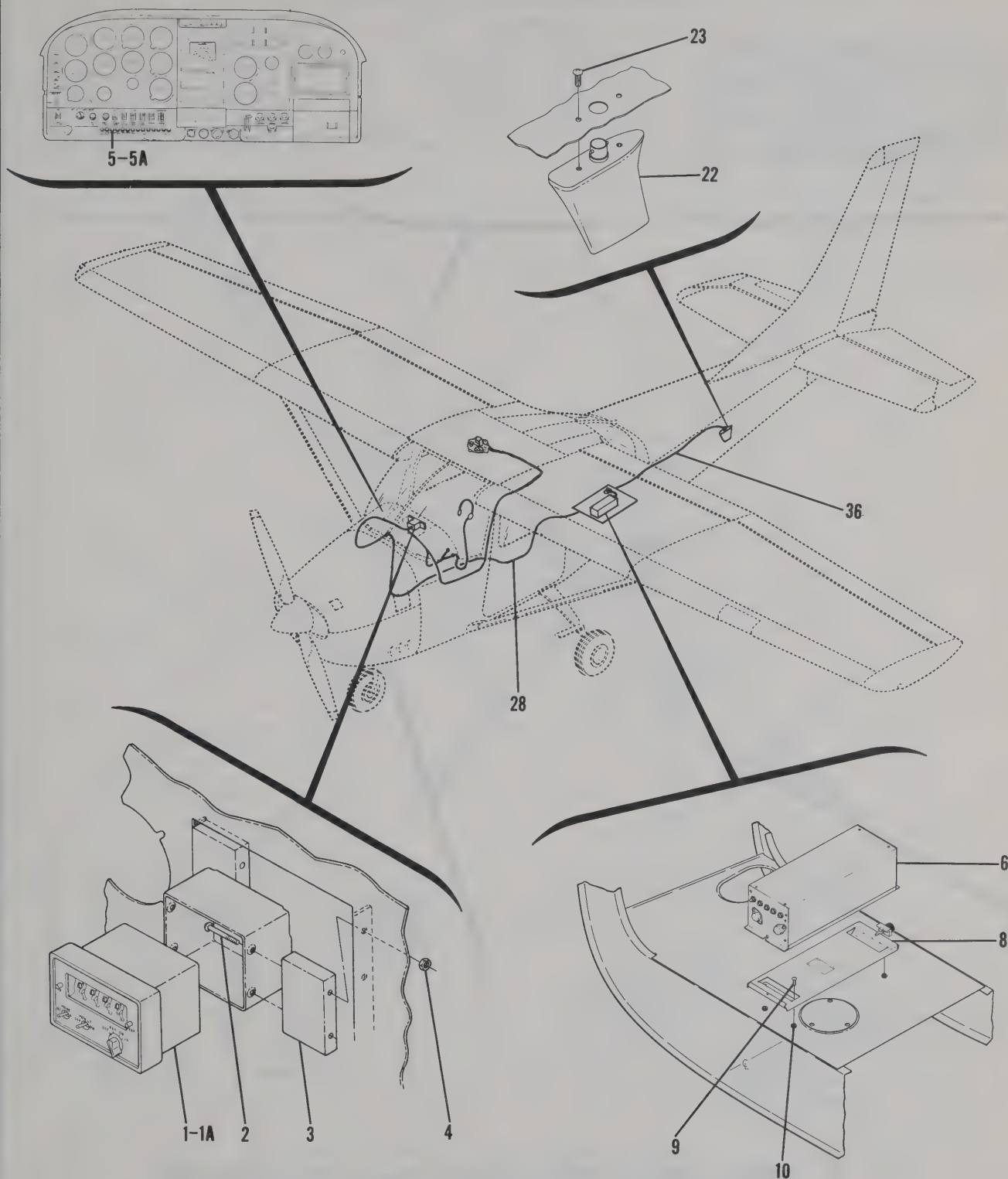
CESSNA 400 TRANSPONDER INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 1 of 6)

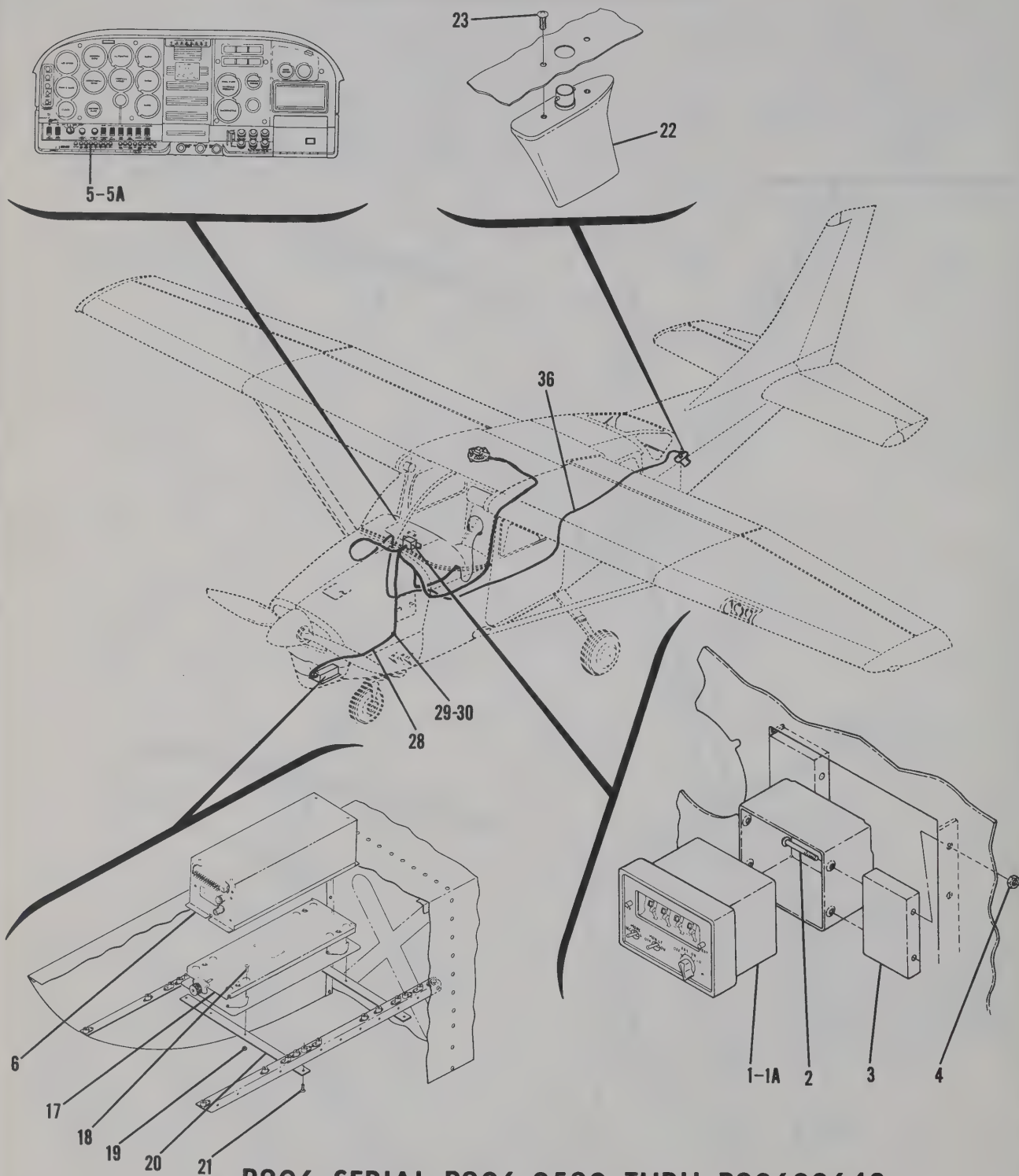
CESSNA 400 TRANSPONDER INSTALLATION



182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 2 of 6)

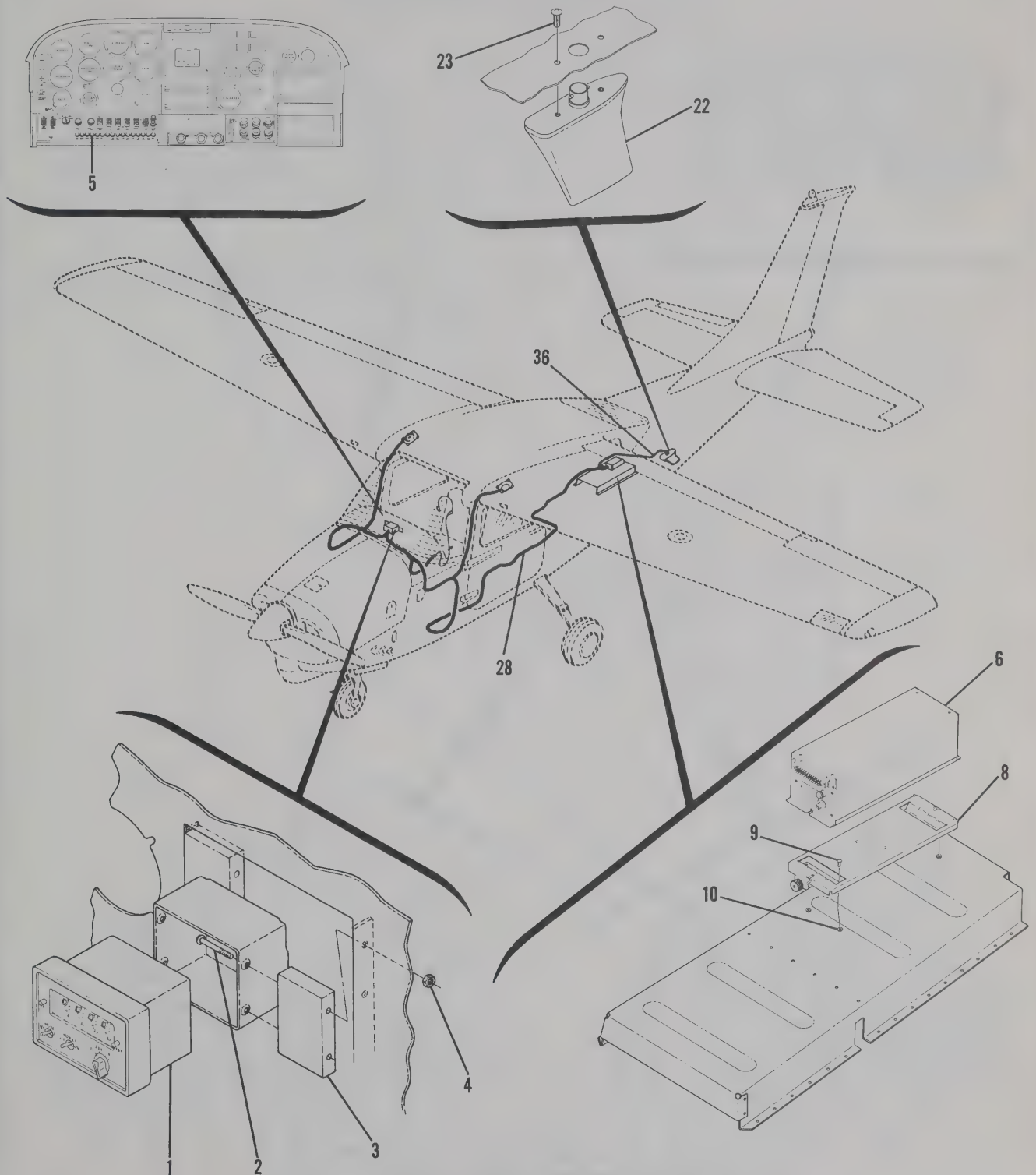
CESSNA 400 TRANSPONDER INSTALLATION



**P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON**

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 3 of 6)

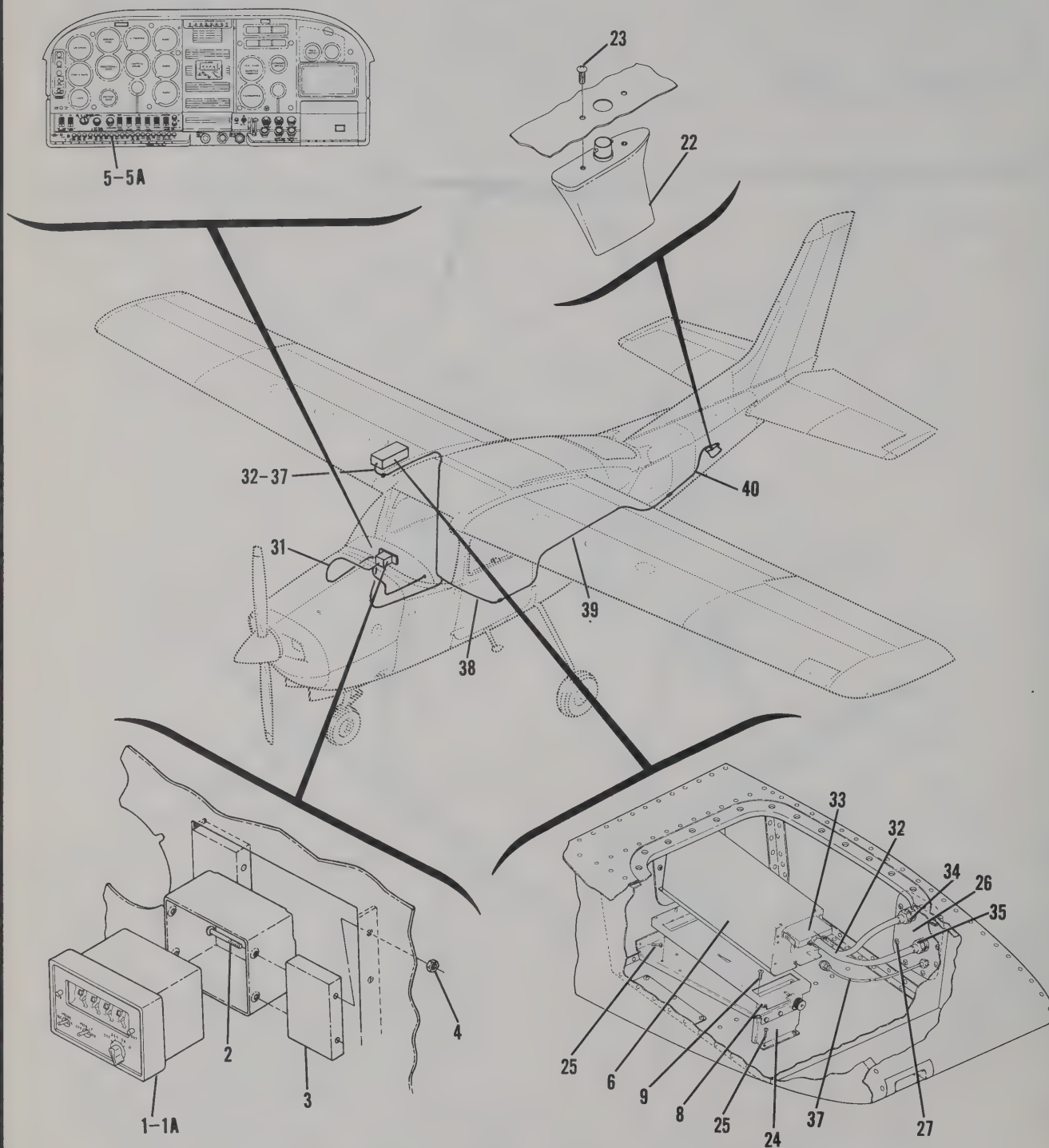
CESSNA 400 TRANSPONDER INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 4 of 6)

CESSNA 400 TRANSPONDER INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL T21059200 & ON

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 5 of 6)

CESSNA 400 TRANSPONDER INSTALLATION

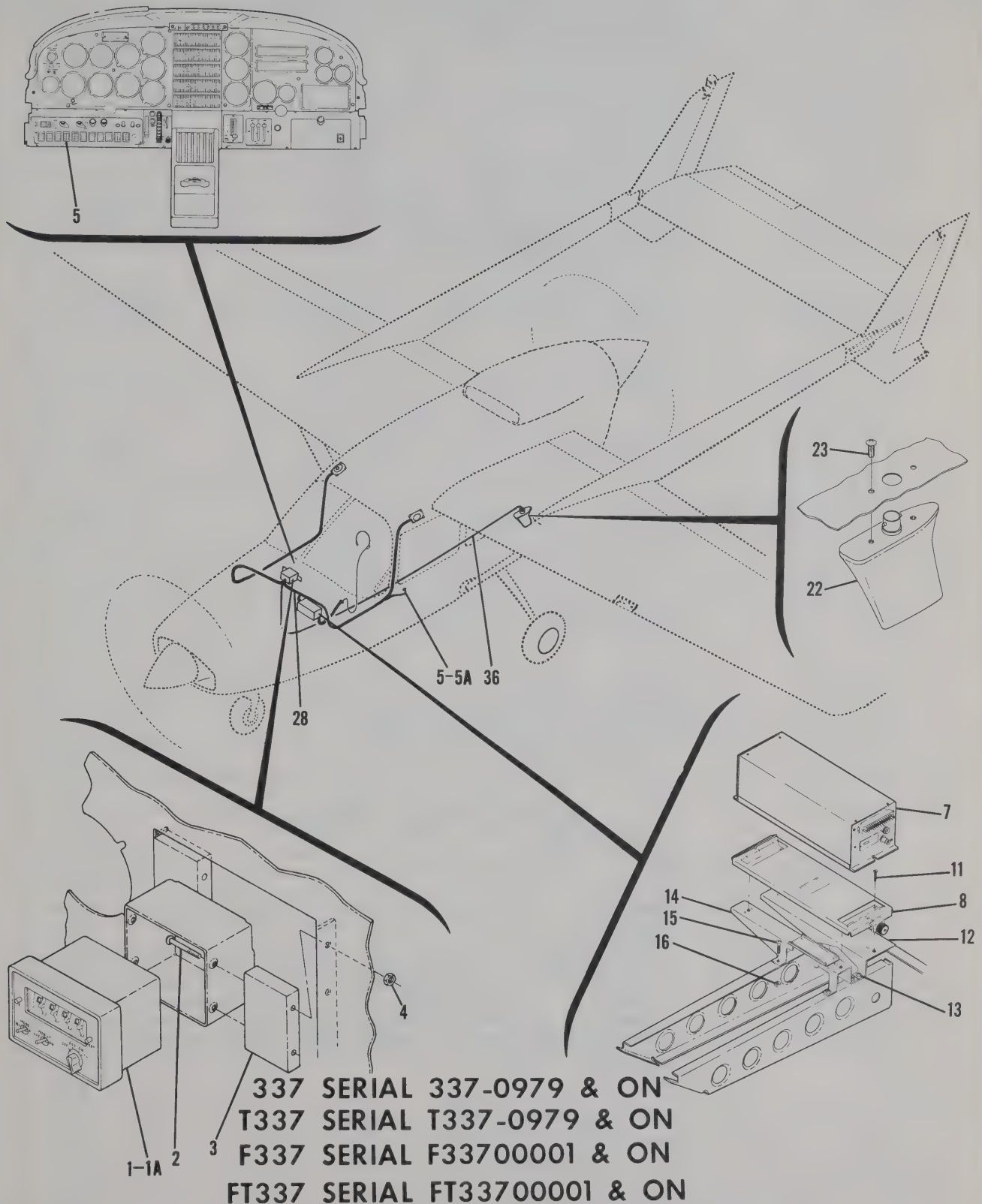


Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 6 of 6)

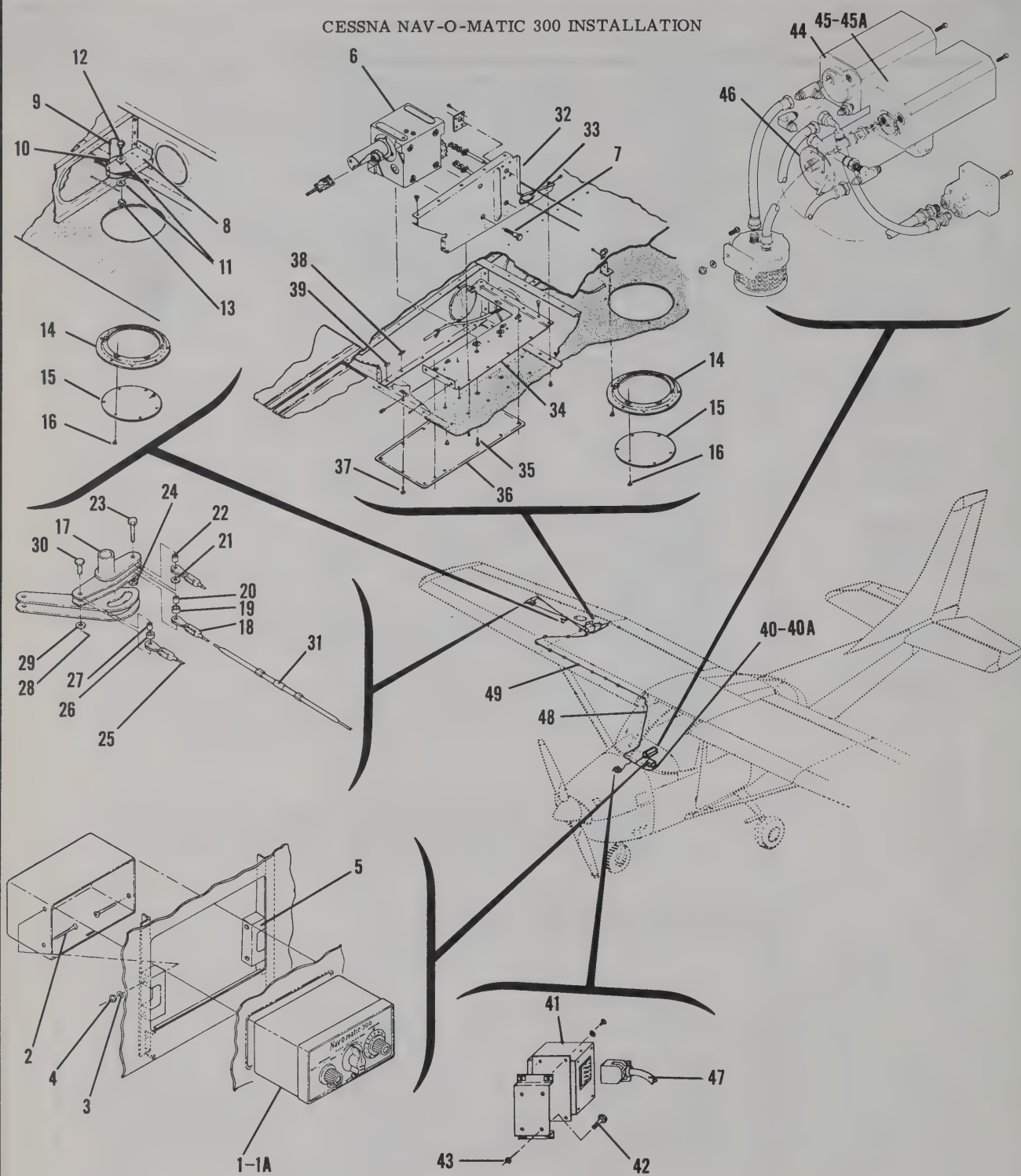
Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-12-		CESSNA 400 TRANSPONDER -TYPE RT-506A- INSTALLATION -----	NP	
- 1	34960-0000	CONTROL UNIT TYPE C-506A - BLACK FACEPLATE WHEN -----	1	A
		EXHAUSTED USE 34960-1001		
- 1A	34960-1001	CONTROL UNIT TYPE C-506A - LIGHT SHADOW GREY FACEPLATE --	1	B
		ARC		
		ATTACHING PARTS		
- 2	AN507-632R32	SCREW -----	4	
- 3	1270056-1	SPACER -----	2	
- 4	NAS679A06	NUT -----	4	
		-----*		
- 5	S1360-5	CIRCUIT BREAKER -----	1	A
- 5A	S1360-5L	CIRCUIT BREAKER - WITHOUT NUT -----	1	B
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
- 6	34950-0014	RECEIVER-TRANSMITTER TYPE RT-506A 14 VOLT ONLY ARC-	1	
- 7	34950-0028	RECEIVER-TRANSMITTER TYPE RT-506A 28 VOLT ONLY ARC-	1	
- 8	34980-0000	MOUNTING NON-SHOCKMOUNTED ARC 177RG, 182, 210 ---	1	
		SERIES AND 337 SERIES ONLY		
		ATTACHING PARTS		
- 9	AN515-6R16	SCREW 177RG, 182 & 206 SERIES ONLY -----	4	
-10	S1648-06-75	RIVNUT 177RG, 182 & THRU 1969 210 SERIES ONLY -----	4	
-11	AN515-8R8	SCREW 337 SERIES ONLY -----	4	
		-----*		
-12	1513629-8	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS		
-13	AN515-8R16	SCREW -----	5	
	NAS679A08	NUT -----	5	
		-----*		
-14	1513662-20	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS		
-15	AN515-8R16	SCREW -----	4	
-16	NAS679A08	NUT -----	4	
		-----*		
-17	36320-0000	MOUNTING SHOCKMOUNTED 206 SERIES ONLY -----	1	
		ATTACHING PARTS		
-18	AN515-6R8	SCREW -----	4	
-19	NAS679A06	NUT -----	4	
		-----*		
-20	1270627-57	ATTACH ANGLE 206 SERIES ONLY -----	2	
		ATTACHING PARTS		
-21	AN520-10R6	SCREW -----	4	
		-----*		
-22	34970-0000	ANTENNA TYPE A-105B ARC -----	1	
		ATTACHING PARTS		
-23	AN960-8L	WASHER -----	2	
	AN515-8R6	SCREW -----	2	
		-----*		
-24	1270703-1	RACK ASSY 1970 & ON 210 SERIES ONLY -----	1	
		ATTACHING PARTS		
-25	AN515-8R6	SCREW -----	4	
		-----*		
-26	1221248-8	PLATE REPLACED BY 1221248-4 WHEN 400 GLIDE SLOPE -----	1	
		IS INSTALLED 1970 & ON 210 SERIES ONLY		
		ATTACHING PARTS		
-27	1221253-2	SEAL -----	1	
	AN515-8R6	SCREW -----	10	
		-----*		
-28	*	CABLE ASSY CONTROL UNIT TO RECEIVER-TRANSMITTER -----	NP	
		ALL MODELS EXCEPT 1970 & ON 210 SERIES & 1971 & ON		
		177RG ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	CONNECTOR-CONNECTS TO RECEIVER-TRANSMITTER -----	1	
-29	1213614-11	COVER PLATE 206 SERIES ONLY -----	2	
-30	NAS557-10A	GROMMET 206 SERIES ONLY -----	1	
	37449-0002	CONNECTOR KIT-CONNECTS TO RECEIVER-TRANSMITTER ARC ---	1	
	37451-0002	CONNECTOR KIT-CONNECTS TO CONTROL HEAD ARC -----	1	
	11337	CONNECTOR-CONNECTS TO RECEIVER-TRANSMITTER WHEN 300 DME ---	1	
		IS USED ARC		
		CONTINUED ON NEXT PAGE		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-12-31	*	CABLE ASSY CONTROL UNIT TO RH WING ROOT 1970 & ON ---	NP	
	37451-0002	210 SERIES & 1971 & ON 177RG ONLY	1	
	S1961-2-0	CONNECTOR KIT CONNECTS TO CONTROL UNIT ARC -----	1	
	S1962-2-0	HOUSING-CAP 12 PIN CONNECTS TO RH WING ROOT -----	1	
	S1838-3	HOUSING-CAP 15 PIN CONNECTS TO RH WING ROOT -----	1	
		HOUSING CONNECTS TO AUDIO JUNCTION BOX -----	1	
-32	*	CABLE ASSY-MAIN RCVR-XMTR TO RH WING ROOT 1970 & ON -	NP	
		210 SERIES ONLY		
-33	37449-0002	CONNECTOR KIT CONNECTS TO RCVR-XMTR -----	1	
-34	S1962-1-0	HOUSING-PLUG 15 PIN CONNECTS TO RH WING ROOT -----	1	
-35	S1961-2-0	HOUSING-PLUG 12 PIN CONNECTS TO RH WING ROOT -----	1	
-36	*	CABLE ASSY RCVR-XMTR TO TRANSPONDER ANTENNA ALL -----	NP	
		MODELS EXCEPT 1970 & ON 210 SERIES		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	28776-0000	CONNECTOR-ATTACHES TO RCVR-XMTR END ARC -----	1	
	UG-88C/U	CONNECTOR-ATTACHES TO ANTENNA END -----	1	
-37	*	CABLE ASSY-ANT RCVR-XMTR TO RH WING ROOT 1970 & ON --	NP	
		210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	28776-0000	CONNECTOR CONNECTS TO RCVR-XMTR ARC -----	1	
	UG-909/U	JACK-COAXIAL CONNECTS TO RH WING ROOT -----	1	
-38	*	CABLE ASSY RH WING ROOT TO STA. 55.62 1970 & ON -----	NP	
		210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL CONNECTS TO RH WING ROOT & STA. 55.62 ----	2	
-39	*	CABLE ASSY STA. 55.62 TO STA. 152.20 ANT CABLE -----	NP	
		1970 & ON 210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	JACK-COAXIAL CONNECTS TO STA. 55.62 -----	1	
	UG-291/U	JACK-FLANGE MOUNT CONNECTS TO STA. 152.20 -----	1	
-40	*	CABLE ASSY STA. 152.20 TO ANT 1970 & ON 210 -----	NP	
		SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL CONNECTS TO STA. 152.20 & ANT -----	2	
-41	*	CABLE ASSY RCVR-XMTR TO CONTROL UNIT CABLE IN RH -----	NP	
		WING ROOT 1971 & ON 177RG ONLY		
	37449-0002	CONNECTOR KIT CONNECTS TO RCVR-XMTR ARC -----	1	
	S1962-1-0	HOUSING CONNECTS TO CONTROL UNIT CABLE IN RH WING -----	1	
		ROOT AREA		
	S1961-1-0	HOUSING CONNECTS TO CONTROL UNIT CABLE IN RH WING -----	1	
		ROOT AREA		
		NOTE *		
		REFER TO THE APPROPRIATE WIRING DIAGRAMS IN		
		SECTION VII OF THIS MANUAL FOR ELECTRICAL		
		CONNECTORS AND WIRING APPLICABLE TO 1972 & ON		
		MODELS.		
		A---THRU 1971 MODELS ONLY		
		B---1972 & ON MODELS ONLY		

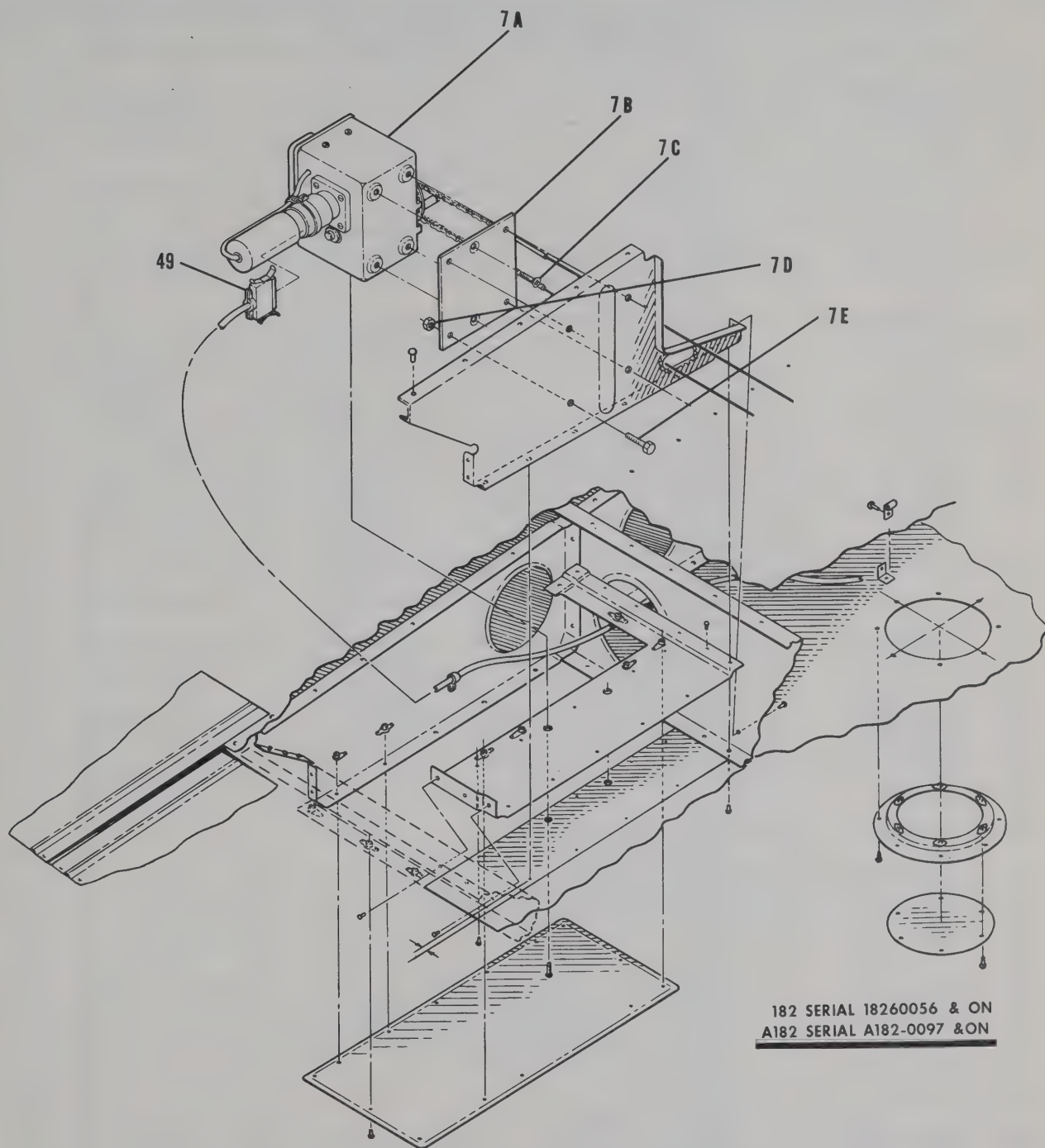
CESSNA NAV-O-MATIC 300 INSTALLATION



182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON

Figure 1-13. Cessna Nav-O-Matic 300 Installation - Model 182 Only (Sheet 1 of 2)

CESSNA NAV-O-MATIC 300 INSTALLATION



182 SERIAL 18259306 & ON
A182 SERIAL A182-0057 & ON

Figure 1-13. Cessna Nav-O-Matic 300 Installation - Model 182 Only (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-13-		CESSNA NAV-O-MATIC 300 INSTALLATION 182 ONLY -----	NP	
- 1	35660-1014	CONTROLLER AMPLIFIER TYPE C-5948 BLACK FACEPLATE ----	1	E
		WHEN EXHAUSTED USE 35660-1114 ARC		
- 1A	35660-1114	CONTROLLER AMPLIFIER TYPE C-5948 LIGHT SHADOW -----	1	F
		GREY FACEPLATE ARC		
- 2	AN507-632R20	SCREW -----	4	
- 3	AN960-6	WASHER -----	4	
- 4	NAS679A06	NUT -----	4	
- 5	0713739-1	SPACER -----	2	
		-----*		
- 6	26360-0100	ACTUATOR ASSY TYPE PA-510A ARC -----	1	C
	38144-0100	SHEAR PIN ARC -----	1	C
		ATTACHING PARTS		
- 7	AN3-4A	BOLT -----	4	C
		-----*		
- 7A	35070-1014	ACTUATOR ASSEMBLY TYPE PA-500A REPLACES ITEM 6 WHEN -	1	D
		EXHAUSTED ARC		
		ATTACHING PARTS		
- 7B	1200194-1	BRACKET -----	1	D
- 7C	AN509-8R8	SCREW -----	2	D
- 7D	MS21044N3	NUT -----	2	
- 7E	AN3-4A	BOLT -----	4	D
		-----*		
- 8	1200183-1	BRACKET -----	1	
- 9	MS24665-134	PIN - COTTER -----	1	
-10	S378-3L	PULLEY -----	1	
		ATTACHING PARTS		
-11	AN960-416L	WASHER - PLAIN -----	2	
-12	AN4-10A	BOLT -----	1	
-13	MS20365-428C	NUT -----	1	
		-----*		
-14	S226-5F	DOUBLER -----	2	
-15	S225-4F	COVER -----	2	
		ATTACHING PARTS		
-16	S1022Z8-8	SCREW -----	12	
		-----*		
-17	0760705-1	BELLCRANK ASSY -----	1	A
	0760705-5	BELLCRANK ASSY -----	1	B
-18	1200182-2	CABLE ASSY -----	1	
		ATTACHING PARTS		
-19	NAS420D8-12	SPACER -----	1	
-20	0760117-2	BUSHING -----	1	
-21	AN960-416	WASHER -----	1	
-22	0760117-1	BUSHING -----	1	
-23	AN3-11A	BOLT -----	1	
-24	MS21044N3	NUT -----	1	
		-----*		
-25	1200182-1	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
-26	NAS420D8-12	SPACER -----	1	
-27	0760117-2	BUSHING -----	1	
-28	MS24665-285	COTTER PIN -----	1	
-29	AN960-10L	WASHER -----	1	
-30	MS20392-2C15	PIN -----	1	
		-----*		
-31	AN155B-16S	BARREL -----	1	
-32	1200167-1	RIB ASSY -----	1	
-33	S1050-1-3.90	GROMMET BULK ITEM - 3.90 INCHES REQD -----	AR	
-34	1200169-1	DOUBLER -----	1	
		ATTACHING PARTS		
-35	AN525-10R9	SCREW -----	2	
		-----*		
-36	1200168-1	COVER -----	1	
		ATTACHING PARTS		
-37	AN525-832R7	SCREW -----	14	
-38	NAS697A08	NUTPLATE -----	6	
-39	NAS697A08	NUTPLATE -----	12	
		-----*		
		CONTINUED ON NEXT PAGE		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-13-40	S1360-10	CIRCUIT BREAKER -----	1	E
-40A	S1360-10L	CIRCUIT BREAKER - WITHOUT NUT -----	1	F
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	F
-41	28900-0000	OMNI COUPLER -----	1	
		ATTACHING PARTS -----		
-42	AN515-6R5	SCREW -----	4	
-43	NAS679A06	NUT -----	4	
		---*---		
-44	C661076-0102	GYRO HORIZON -----	1	
		ATTACHING PARTS -----		
	AN520-6R6	SCREW -----	4	
		---*---		
-45	30370-0100	DIRECTIONAL GYRO TYPE G-520A WHEN EXHAUSTED USE -----	1	E
		30370-0102 ARC -----		
-45A	30370-0102	DIRECTIONAL GYRO TYPE G-520A ARC -----	1	F
		ATTACHING PARTS -----		
	AN507-632R10	SCREW -----	3	
		---*---		
-46	35060-0114	TURN COORDINATOR TYPE G-500A REPLACES 35060-0014 -----	1	
		WHEN EXHAUSTED ARC -----		
		ATTACHING PARTS -----		
	AN515B6R12	SCREW -----	4	
	AN936A6B	WASHER -----	4	
	AN340B6	NUT -----	4	
		---*---		
-47		CABLE ASSY CONTROLLER TO OMNI COUPLER -----	NP	
	28371-0009	CONNECTOR ATTACHES TO CONTROLLER ARC -----	1	
	29410	CONNECTOR ATTACHES TO OMNI COUPLER ARC -----	1	
	S1838-1	HOUSING CONNECTS TO P-2 ON AUDIO JUNCTION BOX -----	1	
		CABLE ASSY CONTROLLER TO DIRECTIONAL GYRO -----	NP	
	28371-0005	CONNECTOR ATTACHES TO CONTROLLER ARC -----	1	
	28326-0005	CONNECTOR ATTACHES TO DIRECTIONAL GYRO ARC -----	1	
-48		CABLE ASSY CONTROLLER TO AILERON ACTUATOR CABLE -----	NP	
	28336	CONNECTOR ATTACHES TO CONTROLLER ARC -----	1	
	28326-0009	CONNECTOR ATTACHES TO AILERON ACTUATOR CABLE ARC -----	1	
-49		CABLE ASSY AILERON ACTUATOR TO CONTROLLER CABLE -----	NP	
	28326-0009	CONNECTOR ATTACHES TO AILERON ACTUATOR ARC -----	1	
	38423-0001	CONNECTOR ATTACHES TO AILERON ACTUATOR ARC -----	1	
	28505-0009	CONNECTOR ATTACHES TO CONTROLLER CABLE ARC -----	1	
		CABLE ASSY CONTROLLER TO TURN COORDINATOR -----	NP	
	28336	CONNECTOR ATTACHES TO CONTROLLER ARC -----	1	
	50328-0002	CONNECTOR ATTACHES TO TURN COORDINATOR ARC -----	1	
		CABLE ASSY TURN COORDINATOR TO BUS BAR -----	NP	
	28460	CONNECTOR ATTACHES TO TURN COORDINATOR -----	1	
				C D
NOTES 1. REFER TO THE 182 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS. * 2. REFER TO THE 182 WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS. A---182 SERIALS 18259306 THRU 18260023 B---182 SERIALS 18260024 & ON C---182 SERIALS 18259306 THRU 18260055 D---182 SERIALS 18260056 & ON E---THRU 1971 MODELS ONLY F---1972 & ON MODELS ONLY				

CESSNA NAV-O-MATIC 300 INSTALLATION

P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON

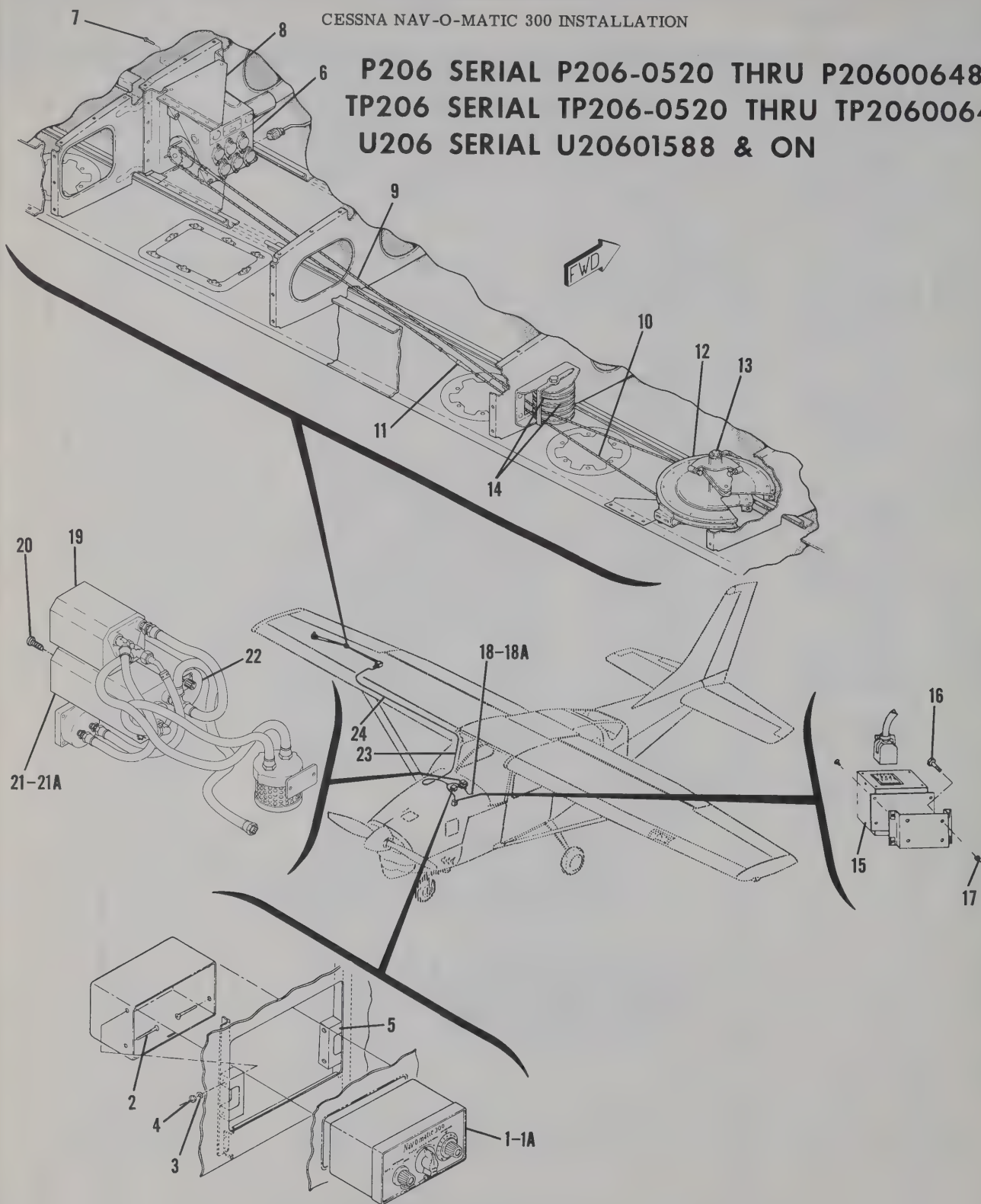
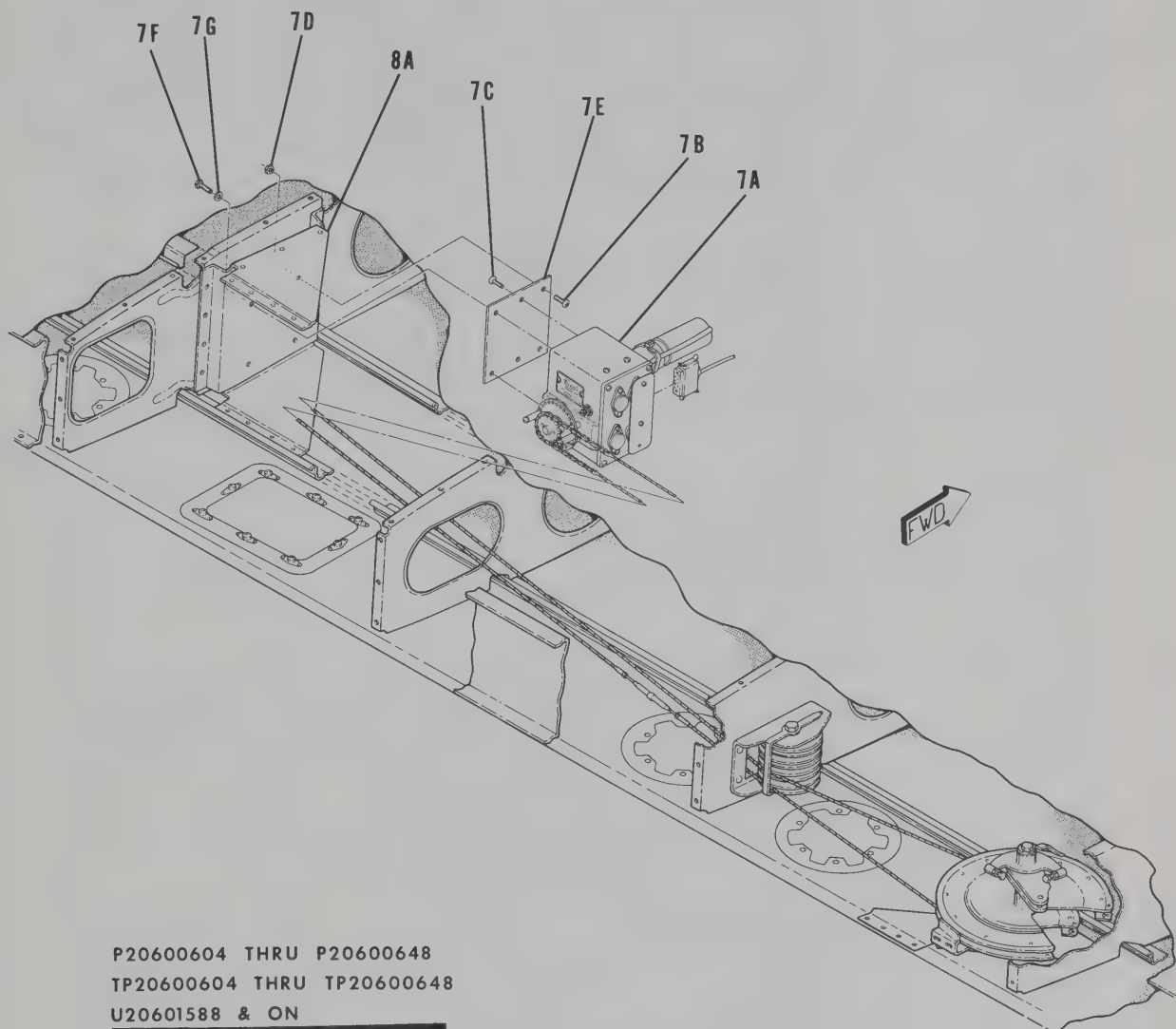


Figure 1-14. Cessna Nav-O-Matic 300 Installation - Model P206 Series Only (Sheet 1 of 2)

CESSNA NAV-O-MATIC 300 INSTALLATION



P20600604 THRU P20600648
 TP20600604 THRU TP20600648
U20601588 & ON

P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON

Figure 1-14. Cessna Nav-O-Matic 300 Installation, Model P206 Series Only (Sheet 2 of 2)

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-14-		CESSNA NAV-O-MATIC 300 INSTALLATION 206 SERIES ONLY -----	NP	
- 1	35660-1014	CONTROLLER AMPLIFIER TYPE C-594B BLACK FACEPLATE ----	1	D
		WHEN EXHAUSTED USE 35660-1114 14 VOLT ONLY ARC		
- 1A	35660-1114	CONTROLLER AMPLIFIER TYPE C-594B LIGHT SHADOW GREY --	1	E
		FACEPLATE 14 VOLT ONLY ARC		
	35660-1128	CONTROLLER AMPLIFIER TYPE C-594B LIGHT SHADOW GREY --	1	E
		FACEPLATE 28 VOLT ACFT ONLY ARC		
		ATTACHING PARTS		
- 2	AN507-632R20	SCREW -----	4	
- 3	AN960-6	WASHER -----	4	
- 4	NAS679A06	NUT -----	4	
- 5	0713739-1	SPACER -----	2	
		-----*		
- 6	26360-0100	ACTUATOR ASSY TYPE PA-510A 12 VOLT ONLY ARC -----	1	A
	38144-0100	SHEAR PIN 100 INCH POUNDS GOLD ARC -----	1	A
		ATTACHING PARTS		
- 7	AN3-4A	BOLT -----	4	A
		-----*		
- 7A	35070-1014	ACTUATOR ASSY TYPE PA-500A 12 VOLT SYSTEM ONLY -----	1	B
		REPLACES ITEM 6 WHEN EXHAUSTED ARC		
	35070-1028	ACTUATOR ASSY TYPE PA-510A 24 VOLT ACFT ONLY ARC-	1	F
		ATTACHING PARTS		
- 7B	AN507-1032R8	SCREW -----	2	B
- 7C	NAS221-9	SCREW -----	2	B
- 7D	MS21044N3	NUT -----	2	B
- 7E	1200194-1	DOUBLER -----	1	B
- 7F	AN3-4A	BOLT -----	2	B
- 7G	AN960-10	WASHER -----	2	B
		-----*		
- 8A	1220091-2	BRACKET -----	1	D
	1220091-1	BRACKET -----	1	C
- 9	1270049-9	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
	AN21-9	BOLT -----	1	
	AN320-1	NUT -----	1	
	MS24665-5	PIN-COTTER -----	1	
		-----*		
-10	1270049-10	CABLE ASSY -----	1	
		ATTACHING PARTS		
-11	AN155B-16S	BARREL -----	1	
	AN21-9	BOLT -----	1	
	AN320-1	NUT -----	1	
	MS24665-5	PIN-COTTER -----	1	
		-----*		
-12	1260095-1	BELLCRANK ASSY -----	1	
		ATTACHING PARTS		
-13	AN4-51A	BOLT -----	1	
	0522629-1	WASHER AT LOWER END OF BELLCRANK -----	1	
	NAS679A4	NUT -----	1	
		-----*		
-14	MS20220-2	PULLEY -----	2	
-15	28900-0000	OMNI COUPLER ASSEMBLY TYPE CA-512A ARC -----	1	
		ATTACHING PARTS		
-16	AN515-6R5	SCREW -----	4	
-17	NAS679A06	NUT -----	4	
		-----*		
-18	S1360-10	CIRCUIT BREAKER -----	1	D
-18A	S1360-10L	CIRCUIT BREAKER - WITHOUT NUT -----	1	E
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	E
-19	C661001-0504	GYRO HORIZON -----	REF	
		ATTACHING PARTS		
-20	AN520-6R10	SCREW -----	4	
		-----*		
-21	30370-0100	DIRECTIONAL GYRO TYPE G-520A WHEN EXHAUSTED USE -----	1	D
		30370-0102 ARC		
-21A	30370-0102	DIRECTIONAL GYRO TYPE G-520A ARC -----	1	E
		ATTACHING PARTS		
	AN507-632R10	SCREW -----	3	
		-----*		

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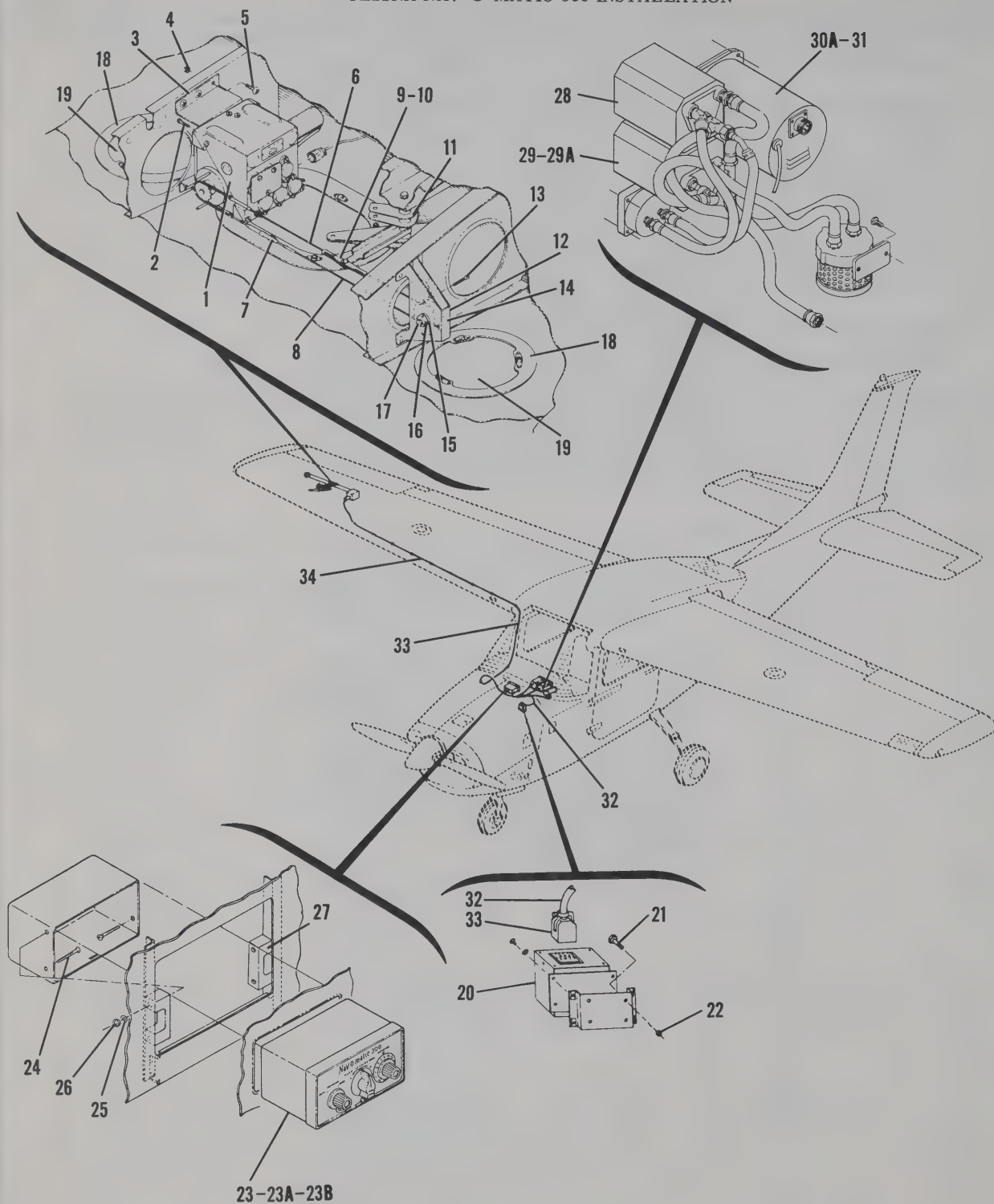
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-14-22	35060-0114	TURN COORDINATOR TYPE G-500A REPLACES 35060-0014 ----	1	
		WHEN EXHAUSTED 14 VOLT ACFT ONLY ARC		
	35060-0128	TURN COORDINATOR TYPE G-500A 28 VOLT ACFT ARC ---	1	E
	AN51586R12	ATTACHING PARTS		
	AN936A68	SCREW -----	4	
	AN340B6	WASHER -----	4	
		NUT -----	4	

	*	CABLE ASSY CONTROLLER AMPLIFIER TO OMNI COUPLER -----	NP	
	28371-0009	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC ----	1	
	29410	CONNECTOR ATTACHES TO OMNI COUPLER ARC -----	1	
	51838-1	HOUSING ATTACHES TO P-2 ON AUDIO JUNCTION BOX -----	1	
	*	CABLE ASSY CONTROLLER AMPLIFIER TO DIRECTIONAL GYRO -----	NP	
	28371-0005	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC ----	1	
	28326-0005	CONNECTOR ATTACHES TO DIRECTIONAL GYRO ARC -----	1	
-23	*	CABLE ASSY CONTROLLER AMPLIFIER TO ACTUATOR CABLE -----	NP	
		& TURN COORDINATOR		
	28336-0000	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC ----	1	
	28326-0009	CONNECTOR ATTACHES TO ACTUATOR CABLE ARC -----	1	
	50328-0002	CONNECTOR ATTACHES TO TURN COORDINATOR ARC -----	1	
-24	*	CABLE ASSY CONTROLLER AMPLIFIER CABLE TO ACTUATOR -----	NP	
	28505-0009	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER CABLE ARC-	1	
	28326-0009	CONNECTOR ATTACHES TO ACTUATOR ASSY ARC -----	1	A
	38423-0001	CONNECTOR ATTACHES TO ACTUATOR ASSY ARC -----	1	B
	*	CABLE ASSY TURN COORDINATOR TO BUS BAR -----	NP	
	28460-0000	CONNECTOR ATTACHES TO TURN COORDINATOR ARC -----	1	
		HOSES AND FITTINGS.		
		NOTE.		
		1. REFER TO THE 206 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS.		
		* 2. REFER TO THE 206 WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS.		
		A---P206 SERIAL P206-0520 THRU P20600603 TP206 SERIAL TP206-0520 THRU TP20600603		
		B---P206 SERIAL P20600604 THRU P20600648 TP206 SERIAL TP20600604 THRU TP20600648 U206 SERIAL U20601588 & ON		
		C---P206 SERIAL P206-0520 THRU P20600625 TP206 SERIAL TP206-0520 THRU TP20600625		
		D---P206 SERIAL P20600626 THRU P20600648 TP206 SERIAL TP20600626 THRU TP20600648 U206 SERIAL U20601588 & ON		
		E---THRU 1971 MODELS ONLY		
		F---1972 & ON MODELS ONLY		

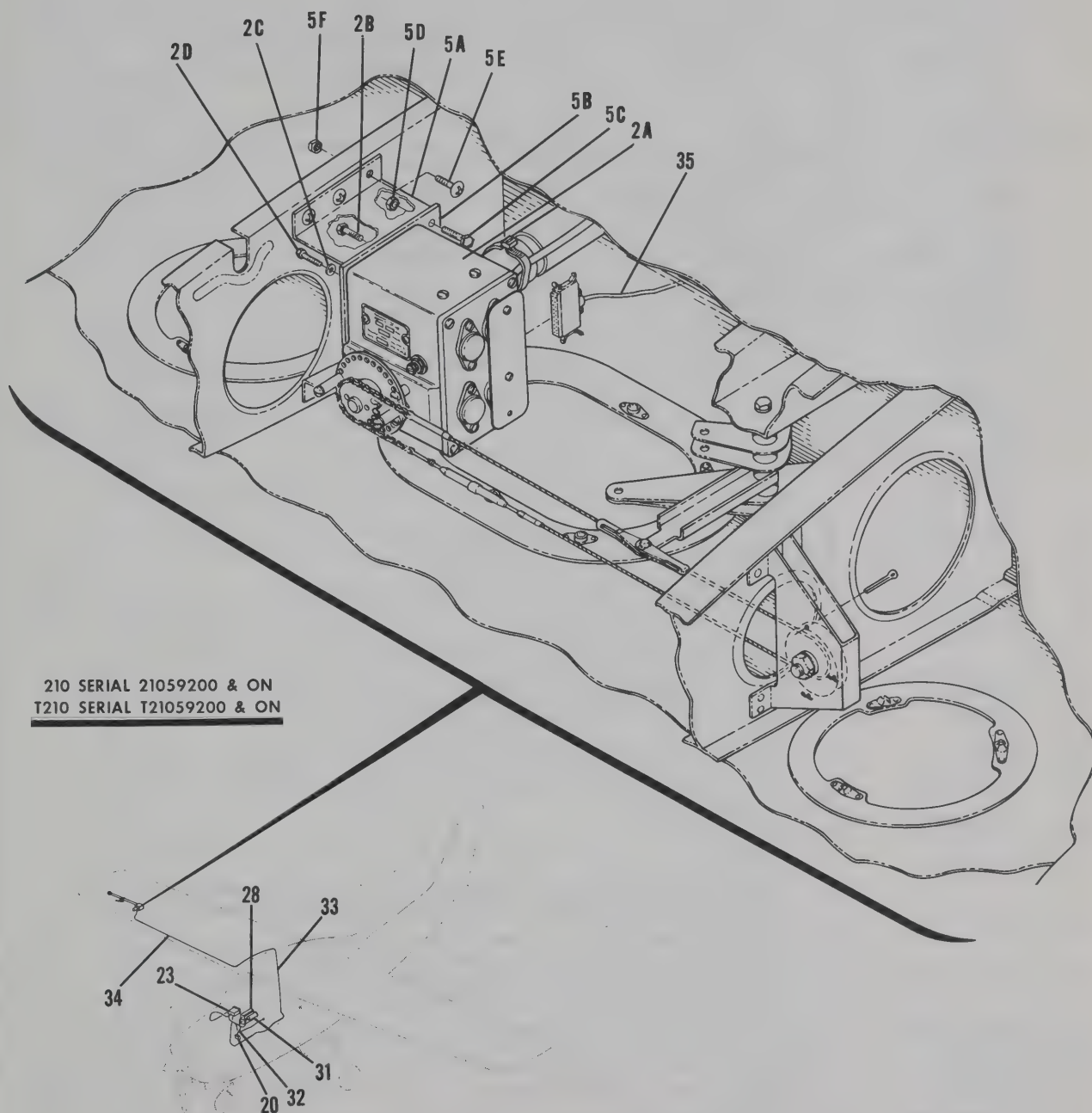
CESSNA NAV-O-MATIC 300 INSTALLATION



210 SERIAL 21059062 & ON
T210 SERIAL T210-0393 & ON

Figure 1-15. Cessna Nav-O-Matic 300 Installation - Model 210 Series Only (Sheet 1 of 2)

CESSNA NAV-O-MATIC 300 INSTALLATION



210 SERIAL 21059062 & ON
T210 SERIAL T210-0393 & ON

Figure 1-15. Cessna Nav-O-Matic 300 Installation - Model 210 Series Only (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-15-		CESSNA NAV-O-MATIC 300 INSTALLATION 210 SERIES -----	NP	
- 1	26360-0100	ACTUATOR ASSY TYPE PA-510A ARC REPLACED BY -----	1	A
	38144-0060	ITEM 2A SHEAR PIN 60 INCH POUNDS - RED ARC -----	1	A
	AN960-10	ATTACHING PARTS		
- 2	AN3-4A	WASHER -----	4	A
		BOLT -----	4	A
		---*---		
- 2A	35070-1014	ACTUATOR ASSY PA500A 14 VOLT AIRCRAFT ONLY -----	1	C
	35070-1028	REPLACES ITEM 1 ARC		
		ACTUATOR ASSY PA500A 28 VOLT AIRCRAFT ONLY -----	1	D
		ARC		
		ATTACHING PARTS		
- 2B	AN507-1032R8	SCREW -----	2	B
- 2C	AN960-10	WASHER -----	2	B
- 2D	AN3-4A	NUT -----	2	B
		---*---		
- 3	1200027-1	SUPPORT - AUTOPILOT - REPLACED BY ITEM 5A -----	1	A
		ATTACHING PARTS		
	MS21044N3	NUT -----	4	A
- 5	AN520DD10R6	SCREW -----	4	A
		---*---		
- 5A	1200027-2	SUPPORT ASSY REPLACES ITEM 3 -----	1	B
	1200027-1	SUPPORT -----	1	B
- 5B	1200194-1	ADAPTER -----	1	B
- 5C	NAS221-9	SCREW -----	2	B
- 5D	MS21044N3	NUT -----	2	B
		ATTACHING PARTS		
- 5E	MS21044N3	NUT -----	4	B
- 5F	AN520DD10R6	SCREW -----	4	B
		---*---		
- 6	1200735-101	CHAIN & CABLE ASSY -----	1	
- 7	AN155B-16S	BARREL -----	1	
- 8	1200735-102	CABLE ASSY -----	1	
		ATTACHING PARTS		
- 9	MS20392-2C9	PIN -----	1	
-10	MS24665-132	PIN-COTTER -----	3	
		---*---		
-11	1221087-12	BELLCRANK ASSY -----	1	
-12	1200016-1	PULLEY SUPPORT -----	1	
-13	MS24665-285	PIN - COTTER -----	1	
-14	MS20220-1	PULLEY -----	1	
		ATTACHING PARTS		
-15	AN960-516	WASHER -----	1	
-16	NAS679A5C	NUT -----	1	
-17	AN5-11A	BOLT -----	1	
		---*---		
-18	S226-2	DOUBLER -----	2	
-19	S225-2	PLATE -----	2	
-20	28900-0000	OMNI COUPLER ASSY TYPE CA-512A ARC -----	1	
		ATTACHING PARTS		
-21	AN515-6R5	SCREW -----	4	
-22	NAS679A06	NUT -----	4	
		---*---		
-23	35660-1014	CONTROLLER AMPLIFIER TYPE C-594B BLACK FACEPLATE -----	1	C
		14 VOLT AIRCRAFT ONLY WHEN EXHAUSTED USE 35660-1114		
		ARC		
-23A	35660-1114	CONTROLLER AMPLIFIER TYPE C-594B LIGHT SHADOW GREY --	1	D
		FACEPLATE 14 VOLT AIRCRAFT ONLY ARC		
-23B	35660-1128	CONTROLLER AMPLIFIER TYPE C-594B LIGHT SHADOW GREY --	1	D
		FACEPLATE 28 VOLT AIRCRAFT ONLY ARC		
		ATTACHING PARTS		
-24	AN507-632R20	SCREW -----	4	
-25	AN960-6	WASHER -----	4	
-26	NAS679A06	NUT -----	4	
-27	0713739-1	SPACER -----	2	
		---*---		
-28	C661001-0504	GYRO HORIZON -----	1	
		ATTACHING PARTS		
	AN5206R10	SCREW -----	4	
		---*---		
		CONTINUED ON NEXT PAGE		

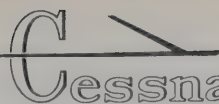
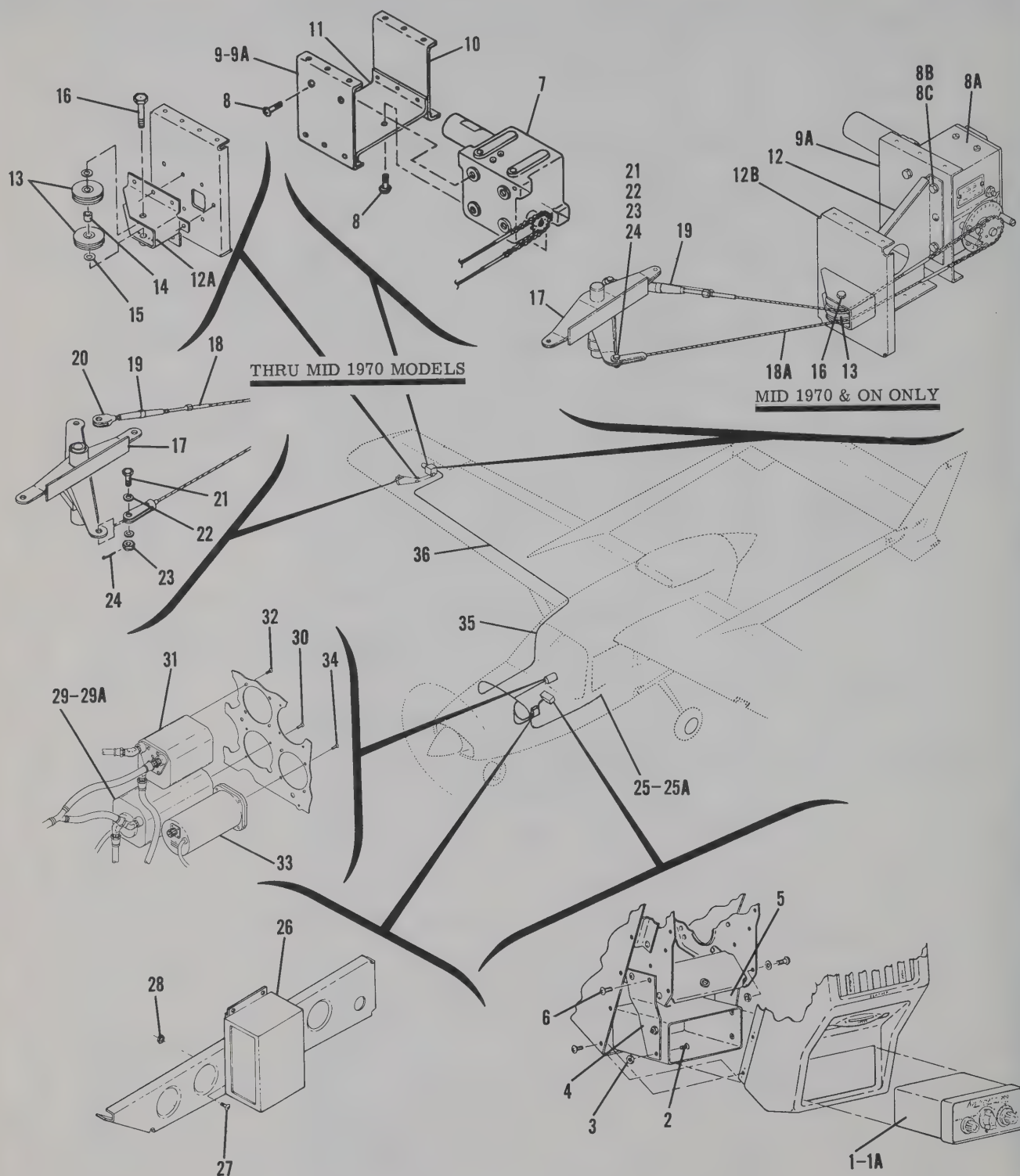


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
1-15-29	30370-0100	DIRECTIONAL GYRO	TYPE G-520A	WHEN EXHAUSTED USE	----				1	C
		30370-0102	ARC							
-29A	30370-0102	DIRECTIONAL GYRO	TYPE G-520A	ARC	-----				1	D
		ATTACHING PARTS								
-30	AN507-632R20	SCREW	-----						3	
		-----*								
-30A	35060-0128	TURN COORDINATOR	USED ON 1972 & ON 28 VOLT AIRCRAFT ONLY-						1	D
-31	35060-0114	TURN COORDINATOR	TYPE G-500A	REPLACES 35060-0014	----				1	D
		WHEN EXHAUSTED	14 VOLT AIRCRAFT ONLY	ARC						
		ATTACHING PARTS								
	AN515B6R12	SCREW	-----						4	
	AN936A6B	WASHER	-----						4	
	AN340B6	NUT	-----						4	
		-----*								
-32		* CABLE ASSY	CONTROLLER AMPLIFIER TO OMNI COUPLER	-----					NP	
	28371-0009	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
-33	29410	CONNECTOR	ATTACHES TO OMNI COUPLER	ARC	-----				1	
	S1838-1	HOUSING	ATTACHES TO P-2 ON AUDIO JUNCTION BOX	-----					1	
		* CABLE ASSY	CONTROLLER AMPLIFIER TO DIRECTIONAL GYRO	-----					NP	
	28371-0005	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
	28326-0005	CONNECTOR	ATTACHES TO DIRECTIONAL GYRO	ARC	-----				1	
-34		* CABLE ASSY	CONTROLLER AMPLIFIER TO ACTUATOR CABLE	-----					NP	
	28336	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
	28326-0009	CONNECTOR	ATTACHES TO ACTUATOR CABLE	ARC	-----				1	
		* CABLE ASSY	CONTROLLER AMPLIFIER TO TURN COORDINATOR	-----					NP	
	28336	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
	50328-0002	CONNECTOR	ATTACHES TO TURN COORDINATOR	ARC	-----				1	
-35		* CABLE ASSY	ACTUATOR ASSY TO CONTROLLER AMPLIFIER CABLE	--					NP	
	28326-0009	CONNECTOR	ATTACHES TO ACTUATOR	ARC	-----				1	A
	38423-0001	CONNECTOR	ATTACHES TO ACTUATOR	ARC	-----				1	B
	28505-0009	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER CABLE	ARC-					1	
NOTES.										
1. REFER TO THE 210 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS.										
* 2. REFER TO THE 210 WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS.										
A---210 SERIAL 21059062 THRU 21059199										
T210 SERIAL T210-0393 THRU T210-0454										
B---210 SERIAL 21059200 & ON										
T210 SERIAL T21059200 & ON										
C---THRU 1971 MODELS ONLY										
D---1972 & ON MODELS ONLY										

CESSNA NAV-O-MATIC 300 INSTALLATION



337 SERIAL 337-0979 & ON
T337 SERIAL T337-0979 & ON

Figure 1-16. Cessna Nav-O-Matic 300 Installation - Model 337 Series Only



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-16-		CESSNA NAV-O-MATIC 300 INSTALLATION 1969 & ON 337 -----	NP	
- 1	35660-1028	SERIES ONLY		
		CONTROLLER AMPLIFIER TYPE C-594B BLACK FACEPLATE ----	1	C
		WHEN EXHAUSTED USE 35660-1128 ARC		
- 1A	35660-1128	CONTROLLER AMPLIFIER TYPE C-594B LIGHT SHADOW GREY --	1	D
		FACEPLATE ARC		
		ATTACHING PARTS		
- 2	AN507-632R6	SCREW -----	4	
- 3	NAS679A06	NUT -----	4	
		---*---		
- 4	1470066-23	BRACKET - CONTROLLER - LH -----	1	
- 5	1470066-24	BRACKET - CONTROLLER - RH -----	1	
		ATTACHING PARTS		
- 6	AN515-8R8	SCREW -----	4	
		---*---		
- 7	29510-0001	ACTUATOR ASSY TYPE PA-511A WHEN EXHAUSTED USE ITEM --	1	A
	38144-0060	SHEAR PIN 60 INCH POUNDS - RED ARC -----	1	A
		ATTACHING PARTS		
	AN960-10	WASHER -----	4	A
- 8	AN520-10R10	SCREW -----	4	A
		---*---		
- 8A	35070-1028	ACTUATOR ASSY TYPE PA-500A REPLACES ITEM 7 -----	1	B
		ATTACHING PARTS		
- 8B	AN960-10	WASHER -----	4	B
- 8C	AN520-10R10	SCREW -----	4	B
		---*---		
- 9	1422023-1	PLATE - CHORD TIE -----	1	A
- 9D	1422023-5	PLATE - CHORD TIE -----	1	B
-10	1422023-2	PLATE - CHORD TIE -----	1	
-11	1422023-3	PLATE - ACTUATOR SUPPORT -----	1	
-12	1570224-1	BRACKET -----	1	B
	1470066-9	DOOR - ACCESS NOT SHOWN -----	1	
		ATTACHING PARTS		
	AN507-1032R8	SCREW -----	16	
		---*---		
-12A	1560111-1	BRACKET ASSY - PULLEY -----	1	A
-12B	1560111-2	BRACKET ASSY - PULLEY -----	1	B
-13	S378-1	PULLEY -----	2	
		ATTACHING PARTS		
-14	NAS43-3-15	SPACER -----	1	
-15	AN960-10L	WASHER - PLAIN -----	2	
-16	AN3-12A	BOLT -----	1	
		---*---		
-17	1462000-2	BELLCRANK ASSY -----	1	
-18	1560008-2	CHAIN & CABLE ASSY -----	1	A
-18A	1560008-8	CHAIN & CABLE ASSY -----	1	B
		ATTACHING PARTS		
-19	AN155B-16S	BARREL - TURNBUCKEL -----	1	
-20	AN161-16LS	FORK -----	1	
-21	AN3-7	BOLT -----	2	
-22	AN960C10L	WASHER-PLAIN -----	2	
-23	AN310-C3	NUT -----	2	
-24	MS24665-134	PIN - COTTER -----	2	
		---*---		
-25	S1360-5	CIRCUIT BREAKER -----	1	C
-25A	S1360-5L	CIRCUIT BREAKER -----	1	D
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	D
-26	28900-0000	OMNI COUPLER -----	1	
		ATTACHING PARTS		
-27	AN515-8R18	SCREW -----	2	
	NAS43DD3-48	SPACER -----	2	
-28	NAS679A08	NUT -----	2	
		---*---		
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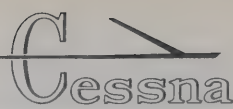
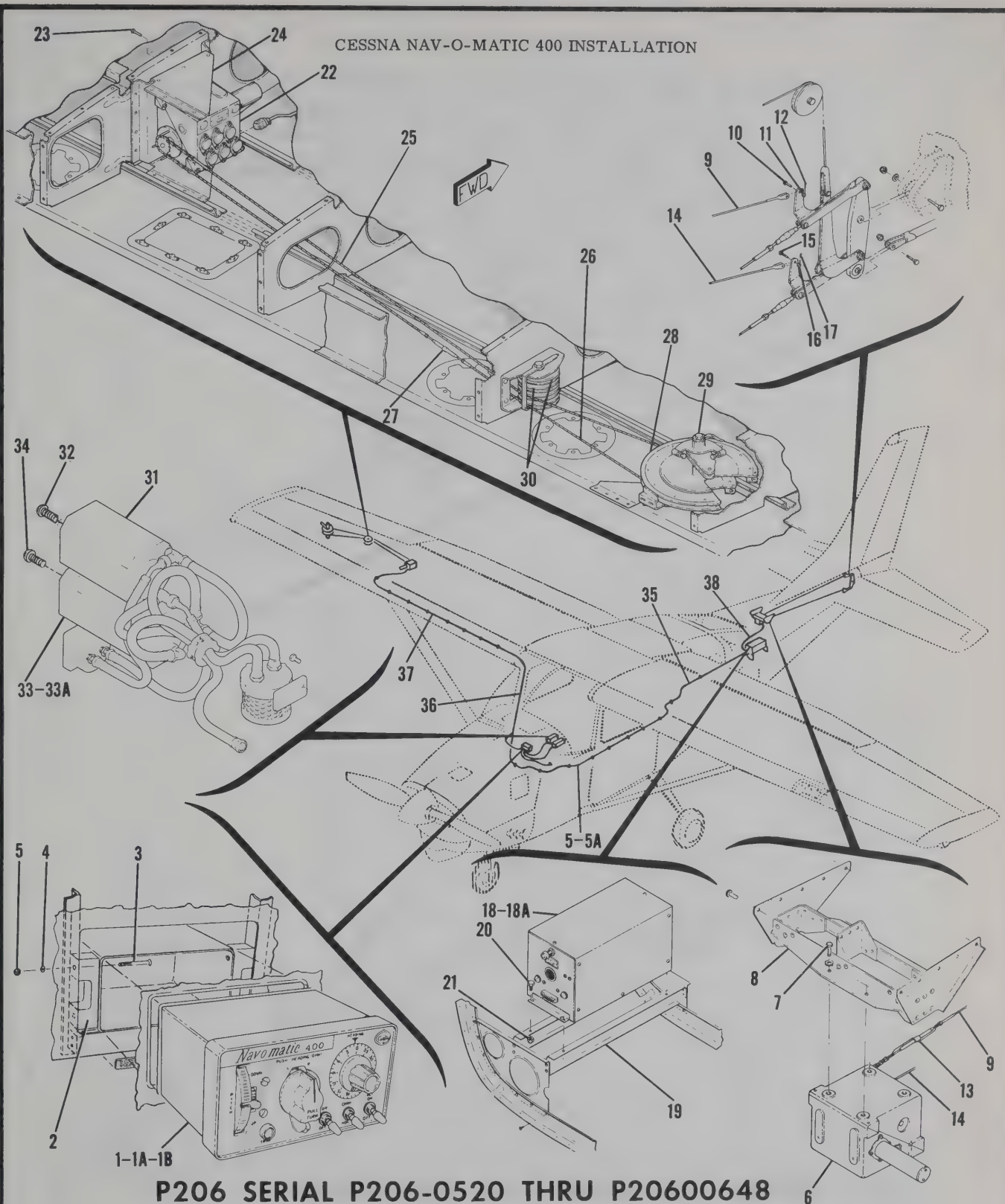


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-16-29	30370-0100	DIRECTIONAL GYRO TYPE G-520A WHEN EXHAUSTED ----- USE 30370-0102 ARC	1	C
-29A	30370-0102	DIRECTIONAL GYRO TYPE G-520A ARC ----- ATTACHING PARTS	1	D
-30	AN507-632R10	SCREW ----- -----*	3	
-31	C661001-0505	HORIZONTAL GYRO WHEN EXHAUSTED USE C661076-0104 ----- HORIZONTAL GYRO REPLACES C661001-0505 ----- ATTACHING PARTS	1 1	
-32	AN5206R10	SCREW ----- -----*	4	
-33	35060-0028	TURN COORDINATOR TYPE G-500A WHEN EXHAUSTED ----- USE 35060-0128 ARC	1	C
-33A	35060-0128	TURN COORDINATOR TYPE 500A ARC ----- ATTACHING PARTS	1	D
-34	AN515B6R12	SCREW -----	4	
	AN936A6B	WASHER -----	4	
	AN340B6	NUT ----- -----*	4	
	* 28371-0009	CABLE ASSY CONTROLLER AMPLIFIER TO OMNI COUPLER -----	NP	
	29410	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC -----	1	
	S1838-1	CONNECTOR ATTACHES TO OMNI COUPLER ARC ----- HOUSING ATTACHES TO P2 ON AUDIO JUNCTION BOX -----	1 1	
	* 28371-0005	CABLE ASSY CONTROLLER AMPLIFIER TO DIRECTIONAL GYRO -----	NP	
	30370-0100	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ----- CONNECTOR ATTACHES TO DIRECTIONAL GYRO -----	1 1	
-35	* 28336	CABLE ASSY CONTROLLER AMPLIFIER TO ACTUATOR CABLE -----	NP	
	S1641-6	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC ----- HOUSING - SOCKET ATTACHES TO ACTUATOR CABLE -----	1 1	
-36	* 28326-0009	CABLE ASSY ACTUATOR TO CONTROLLER AMPLIFIER CABLE -----	NP	
	38423-0001	CONNECTOR ATTACHES TO ACTUATOR -----	1	A
	S1640-6	CONNECTOR ATTACHES TO ACTUATOR ----- HOUSING PIN ATTACHES TO CONTROLLER AMPLIFIER CABLE -----	1 1	B
	* 28336	CABLE ASSY CONTROLLER AMPLIFIER TO TURN COORDINATOR -----	NP	
	50328-0002	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC ----- CONNECTOR ATTACHES TO TURN COORDINATOR ARC -----	1 1	
NOTES. 1. REFER TO THE 337 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS. 2. REFER TO 337 WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS. A---337 SERIAL 337-0979 THRU 33701289 T337 SERIAL T337-0979 THRU T33701289 B---337 SERIAL 33701290 & ON T337 SERIAL T3371290 & ON C---THRU 1971 MODELS ONLY D---1972 & ON MODELS ONLY				



P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON

Figure 1-17. Cessna Nav-O-Matic 400 Installation - Model 206 Series Only (Sheet 1 of 2)

CESSNA NAV-O-MATIC 400 INSTALLATION

23F 23G 23D
24A 23C 23E 23B
23A-23B

P20600604 THRU P20600648
TP20600604 THRU TP20600648
U20601588 & ON

FWD



P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648
U206 SERIAL U20601588 & ON

Figure 1-17. Cessna Nav-O-Matic 400 Installation - Model 206 Series Only (Sheet 2 of 2)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-17-		CESSNA NAV-O-MATIC 400 INSTALLATION 206 SERIES -----	NP	
- 1	35670-1014	CONTROLLER AMPLIFIER TYPE C-520A BLACK FACEPLATE ---- 14 VOLT AIRCRAFT ONLY WHEN EXHAUSTED USE	1	C
		35670-1114 ARC		
- 1A	35670-1114	CONTROLLER AMPLIFIER TYPE C-520B LIGHT SHADOW GREY -- FACEPLATE 14 VOLT AIRCRAFT ONLY ARC	1	D
- 1B	35670-1128	CONTROLLER AMPLIFIER TYPE C-520B LIGHT SHADOW GREY -- FACEPLATE 28 VOLT AIRCRAFT ONLY ARC	1	D
- 2	0713739-1	SPACER -----	2	
- 3	AN507-632R20	SCREW -----	4	
- 4	AN960-6	WASHER -----	4	
- 5	NAS697A06	NUT -----	4	
		-----*		
	0713750-6	PLACARD ASSY MOUNTED ON LH INSTRUMENT PANEL COVER -----	1	
	S1360-10	CIRCUIT BREAKER -----	1	C
- 5A	S1360-10L	CIRCUIT BREAKER WITHOUT NUT -----	1	D
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	D
- 6	26360-0100	ACTUATOR-ELEVATOR TYPE PA-510A REPLACED BY ITEM 6A -- WHEN EXHAUSTED 14 VOLT AIRCRAFT ONLY ARC	1	A
	38144-0060	SHEAR PIN 60 INCH POUNDS RED ARC -----	1	A
- 6A	35070-1214	ACTUATOR-ELEVATOR TYPE PA-500A 14 VOLT AIRCRAFT ----- ONLY ARC	1	B
- 6B	35070-1128	ACTUATOR-ELEVATOR TYPE PA-500A 28 VOLT AIRCRAFT ----- ONLY ARC	1	D
		ATTACHING PARTS		
- 7	AN3-4A	BOLT -----	4	
- 8	1260651-1	BRACKET ASSY -----	1	
		-----*		
- 9	0770702-12	CABLE ASSY -----	1	
		ATTACHING PARTS		
-10	AN23-10	BOLT -----	1	
-11	AN310-3	NUT -----	1	
-12	MS24665-134	PIN-COTTER -----	1	
-13	AN155B-16S	BARREL -----	1	
		-----*		
-14	0770702-14	CABLE & CHAIN ASSY -----	1	
		ATTACHING PARTS		
-15	AN23-10	BOLT -----	1	
-16	AN310-3	NUT -----	1	
-17	MS24665-134	PIN-COTTER -----	1	
		-----*		
-18	35910-0014	COMPUTER AMPLIFIER TYPE CA-520B 14 VOLT AIRCRAFT ---- ARC	1	
-18A	35910-1528	COMPUTER AMPLIFIER TYPE CA-520B 28 VOLT AIRCRAFT ---- ARC	1	D
		ATTACHING PARTS		
-19	1260652-1	BRACKET ASSY -----	1	
-20	AN515-8R8	SCREW -----	4	
	AN960D8L	WASHER -----	4	
-21	MS21045L08	NUT -----	4	
		-----*		
-22	26360-0100	ACTUATOR-AILERON TYPE PA510A REPLACED BY ----- ITEM 23A 14 VOLT AIRCRAFT ONLY ARC	1	A
	38144-0100	SHEAR PIN 100 INCH POUNDS GOLD -----	1	A
		ATTACHING PARTS		
-23	AN3-4A	BOLT -----	4	A
		-----*		
-23A	35070-1014	ACTUATOR-AILERON TYPE PA-500A REPLACES ITEM 22 ----- 14 VOLT AIRCRAFT ONLY ARC	1	B
-23B	35070-1028	ACTUATOR-AILERON TYPE PA-500A 28 VOLT AIRCRAFT ----- ONLY ARC	1	D
		ATTACHING PARTS		
	AN507-1032R8	SCREW -----	2	B
-23C	NAS221-9	SCREW -----	2	B
-23D	MS21044N3	NUT -----	2	B
-23E	1200194-1	DOUBLER -----	1	B
-23F	AN3-4A	BOLT -----	2	B
-23G	AN960-10	WASHER -----	2	B
		-----*		

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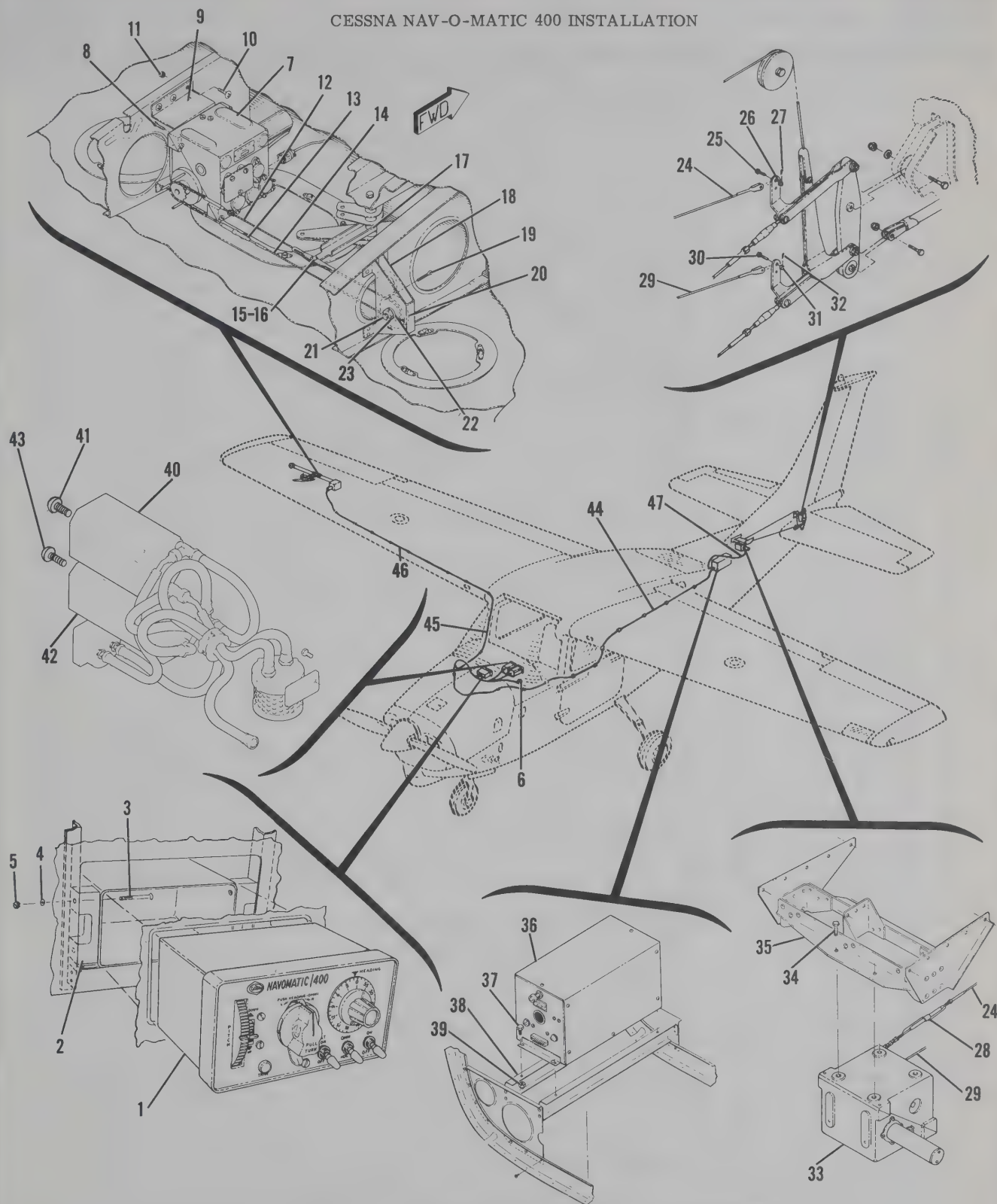
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-17-24	1220091-1	BRACKET -----	1	A
-24A	1220097-2	BRACKET -----	1	B
-25	1470049-9	CABLE & CHAIN ASSY -----	1	
		ATTACHING PARTS		
	AN21-9	BOLT -----	1	
	AN320-1	NUT -----	1	
	MS24665-5	PIN-COTTER -----	1	
		---*---		
-26	1270049-10	CABLE ASSY -----	1	
		ATTACHING PARTS		
-27	AN155B-165	BARREL -----	1	
	AN21-9	BOLT -----	1	
	AN320-1	NUT -----	1	
	MS24665-5	PIN-COTTER -----	1	
		---*---		
-28	1260095-1	BELLCRANK ASSY -----	1	
		ATTACHING PARTS		
-29	AN4-51A	BOLT -----	1	
	0522629-1	WASHER AT LOWER END OF BELLCRANK -----	1	
	NAS679A4	NUT -----	1	
		---*---		
-30	MS20220-2	PULLEY -----	2	
-31	37570-0001	GYRO-HORIZON TYPE G519A-1 ARC -----	1	
		ATTACHING PARTS		
-32	AN520-6R10	SCREW -----	4	
		---*---		
-33	30370-0100	GYRO-DIRECTIONAL TYPE G-520A WHEN EXHAUSTED -----	1	C
		USE 30370-0102 ARC		
-33A	30370-0102	GYRO-DIRECTIONAL TYPE G-520A ARC -----	1	D
		ATTACHING PARTS		
-34	AN520-6R10	SCREW -----	3	
		---*---		
-35		* CABLE ASSY CONTROL UNIT TO COMPUTER -----	NP	
	31683-0020	CONNECTOR ARC -----	2	
		* CABLE ASSY CONTROL UNIT TO VERTICAL GYRO -----	NP	
	28371-0007	CONNECTOR ATTACHES TO CONTROL UNIT ARC -----	1	
	28326-0007	CONNECTOR ATTACHES TO VERTICAL GYRO -----	1	
		* CABLE ASSY CONTROL UNIT TO DIRECTIONAL GYRO -----	NP	
	28371-0005	CONNECTOR ATTACHES TO CONTROL UNIT ARC -----	1	
	28326-0005	CONNECTOR ATTACHES TO DIRECTIONAL GYRO ARC -----	1	
-36		* CABLE ASSY COMPUTER TO ROLL ACTUATOR CABLE -----	NP	
	28371-0007	CONNECTOR ATTACHES TO COMPUTER ARC -----	1	
	28326-0009	CONNECTOR ATTACHES TO ROLL ACTUATOR CABLE -----	1	
-37		* CABLE ASSY ROLL ACTUATOR TO COMPUTER CABLE -----	NP	
	28505-0009	CONNECTOR ATTACHES TO COMPUTER CABLE ARC -----	1	A
	38423-0001	CONNECTOR ATTACHES TO ROLL ACTUATOR ARC -----	1	B
	28326-0009	CONNECTOR ATTACHES TO ROLL ACTUATOR ARC -----	1	
-38		* CABLE ASSY COMPUTER TO PITCH ACTUATOR ARC -----	NP	
	28371-0009	CONNECTOR ATTACHES TO COMPUTER ARC -----	1	
	28326-0009	CONNECTOR ATTACHES TO PITCH ACTUATOR ARC -----	1	A
	38423-0001	CONNECTOR ATTACHES TO PITCH ACTUATOR ARC -----	1	B

NOTES.

1. REFER TO THE 206 SERIES PARTS CATALOG FOR VACUUM HOSES AND FITTINGS.
- * 2. REFER TO THE 206 WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS

A---P206 SERIAL P206-0520 THRU P20600603
 TP206 SERIAL TP206-0520 THRU TP20600603
 B---P206 SERIAL P20600604 THRU P20600648
 TP206 SERIAL TP20600604 THRU TP20600648
 U206 SERIAL U20601588 & ON
 C---THRU 1971 MODELS ONLY
 D---1972 & ON MODELS ONLY

CESSNA NAV-O-MATIC 400 INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 1-18. Cessna Nav-O-Matic 400 Installation - Model 210 Series Only

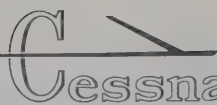
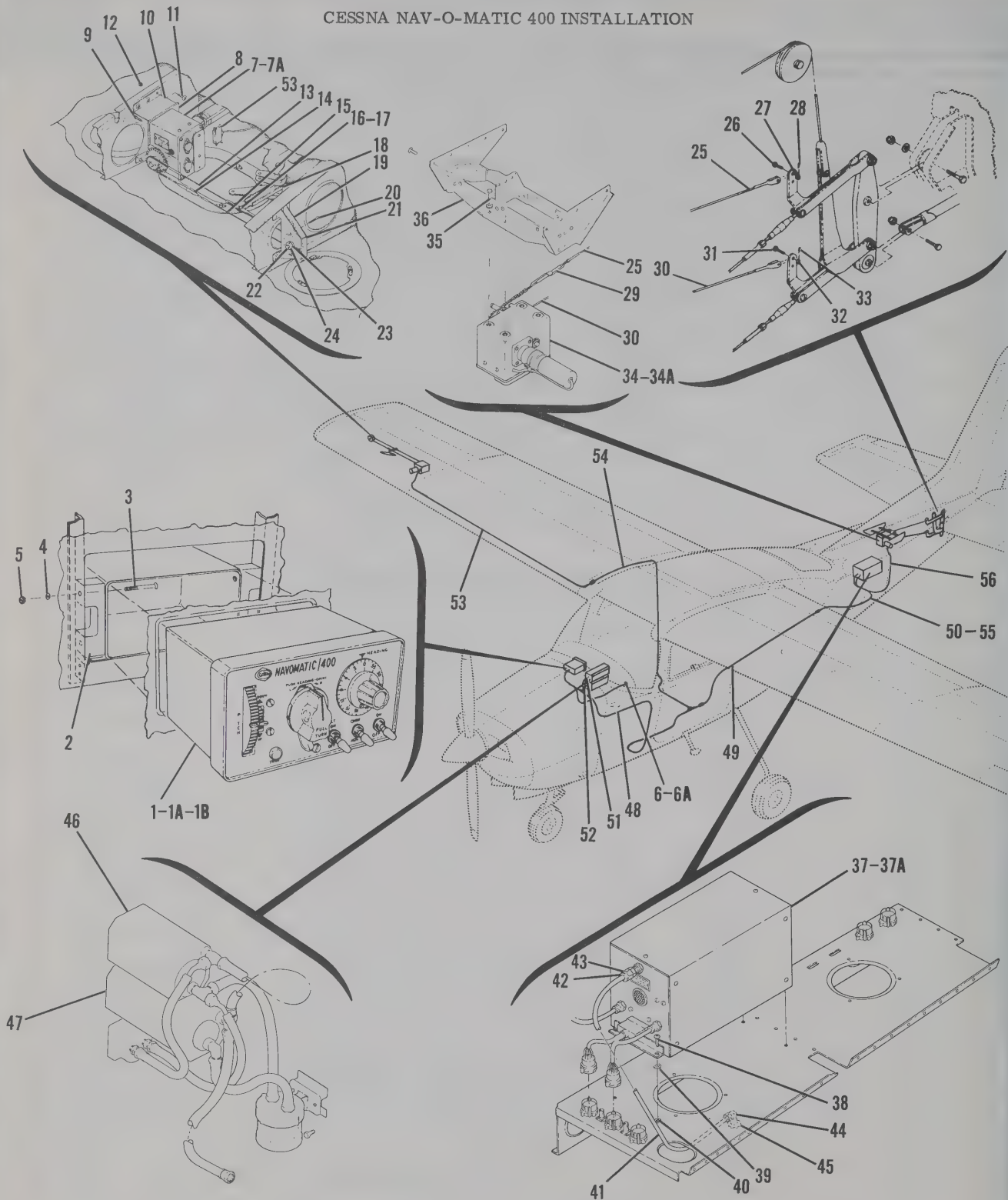


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-18-		CESSNA NAV-O-MATIC 400 INSTL 210 SERIES THRU -----	NP	A
- 1	35670-1014	1969 MODELS ONLY CONTROLLER AMPLIFIER TYPE C-520B ARC -----	1	
- 2	0713739-1	ATTACHING PARTS -----	2	
- 3	AN507-632R20	SPACER -----	4	
- 4	AN960-6	SCREW -----	4	
- 5	NAS697A06	WASHER -----	4	
		NUT -----		
		-----*		
- 6	0713750-4	PLACARD ASSY MOUNTED ON LH INSTRUMENT PANEL COVER -----	1	
- 7	S1360-10	CIRCUIT BREAKER -----	1	
- 7	26360-0100	ACTUATOR-AILERON TYPE PA-510A REFER TO FIG 1-19 ITEM- 7 THRU 9 WHEN EXHAUSTED ARC -----	1	
	38144-0060	SHEAR PIN 60 INCH POUNDS-GOLD ARC -----	1	
- 8	AN3-4A	ATTACHING PARTS -----	4	
	AN960-10	BOLT -----	4	
- 9	1200027-1	WASHER -----		
		-----*		
-10	AN520-10R6	SUPPORT -----	1	
-11	MS21044N3	ATTACHING PARTS -----	6	
-12	1200735-1	SCREW -----	6	
-13	AN155B-16S	NUT -----	6	
-14	1200735-2	-----*		
-15	MS20392-2C9	CHAIN & CABLE ASSY -----	1	
-16	MS24665-132	BARREL -----	1	
-17	1221087-12	CABLE ASSY -----	1	
-18	1200016-1	ATTACHING PARTS -----	1	
-19	MS24665-285	PIN -----	1	
-20	MS20220-1	PIN-COTTER -----	1	
		-----*		
-21	AN5-11A	BELLCRANK -----	1	
-22	AN960-516	PULLEY SUPPORT -----	1	
-23	NAS679A5	PIN-COTTER -----	3	
-24	0770702-12	PULLEY -----	1	
-25	AN23-10	ATTACHING PARTS -----	1	
-26	AN310-3	BOLT -----	1	
-27	MS24665-134	NUT -----	1	
-28	AN155B-16S	PIN-COTTER -----	1	
-29	0770702-14	BARREL -----	1	
-30	AN23-10	-----*		
-31	AN310-3	CHAIN & CABLE ASSY -----	1	
-32	MS24665-134	ATTACHING PARTS -----	1	
-33	26360-0100	BOLT -----	1	
-34	AN3-4A	NUT -----	1	
-35	1260651-1	PIN-COTTER -----	1	
-36	35910-1014	-----*		
-37	AN3-3A	ACTUATOR-ELEVATOR TYPE PA-510A REFER TO FIG 1-19 --- ITEM 34 WHEN EXHAUSTED ARC -----	1	
-38	1260652-1	SHEAR PIN 60 INCH POUNDS GOLD ARC -----	1	
-39	MS21044N3	ATTACHING PARTS -----	4	
		BOLT -----	1	
		BRACKET ASSY -----	1	
		-----*		
		COMPUTER AMPLIFIER TYPE CA-520B ARC -----	1	
		ATTACHING PARTS -----	4	
		BOLT -----	1	
		BRACKET ASSY -----	4	
		NUT -----		
		-----*		
CONTINUED ON NEXT PAGE				

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-18-40	37570-0001	GYRO-HORIZON TYPE G-519A-1 ARC ----- ATTACHING PARTS	1	
-41	AN520-6R10	SCREW ----- -----*	4	
-42	30370-0100	GYRO-DIRECTIONAL TYPE G-520A ARC ----- ATTACHING PARTS	1	
-43	AN520-6R10	SCREW ----- -----*	3	
-44	31683-0020	CABLE ASSY CONTROL UNIT TO COMPUTER ----- CONNECTOR ARC -----	NP 2	
	28371-0007	CABLE ASSY CONTROL UNIT TO VERTICAL GYRO ----- CONNECTOR ATTACHES TO CONTROL UNIT ARC -----	NP 1	
	28326-0007	CONNECTOR ATTACHES TO VERTICAL GYRO ARC -----	1	
	28326-0005	CABLE ASSY CONTROL UNIT TO DIRECTIONAL GYRO ----- CONNECTOR ATTACHES TO DIRECTIONAL GYRO ARC -----	NP 1	
	28371-0005	CONNECTOR ATTACHES TO CONTROL UNIT ARC -----	1	
-45	28371-0007	CABLE ASSY COMPUTER TO ROLL ACTUATOR CABLE ----- CONNECTOR ATTACHES TO COMPUTER ARC -----	NP 1	
	28326-0009	CONNECTOR ATTACHES TO ROLL ACTUATOR CABLE ARC -----	1	
-46	28326-0009	CABLE ASSY ROLL ACTUATOR TO COMPUTER CABLE ----- CONNECTOR ATTACHES TO ROLL ACTUATOR -----	NP 1	
	28505-0009	CONNECTOR ATTACHES TO COMPUTER CABLE -----	1	
-47	28371-0009	CABLE ASSY COMPUTER TO PITCH ACTUATOR ----- CONNECTOR ATTACHES TO COMPUTER -----	NP 1	
	28326-0009	CONNECTOR ATTACHES TO PITCH ACTUATOR -----	1	
NOTE. REFER TO 210 PARTS CATALOG FOR VACUUM HOSES AND FITTING				
A---210 SERIALS 21059062 THRU 21059199 T210 SERIALS T210-0393 THRU T210-0454				

CESSNA NAV-O-MATIC 400 INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL T21059200 & ON

Figure 1-19. Cessna Nav-O-Matic 400 Installation - Model 210 Series Only

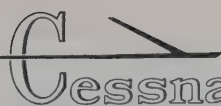
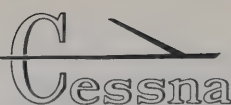


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-19-		CESSNA NAV-O-MATIC 400 INSTL TYPE AF-520C 1970 & ON ---	NP	
- 1	35670-1014	MODEL 210 SERIES ONLY CONTROLLER AMPLIFIER TYPE C-520B BLACK FACEPLATE ---- 14 VOLT AIRCRAFT ONLY WHEN EXHAUSTED USE	1	A
- 1A	35670-1114	35670-1114 ARC CONTROLLER AMPLIFIER TYPE C-520A LIGHT SHADOW GREY -- FACEPLATE 14 VOLT AIRCRAFT ONLY ARC	1	B
- 1B	35670-1128	CONTROLLER AMPLIFIER TYPE C-520A LIGHT SHADOW GREY -- FACEPLATE 28 VOLT AIRCRAFT ONLY ARC	1	B
- 2	0713739-1	SPACER -----	2	
- 3	AN507-632R20	SCREW -----	4	
- 4	AN960-6	WASHER -----	4	
- 5	NAS697A06	NUT -----	4	
		---*---		
	0713750-12	PLACARD ASSY MOUNTED ON LH INST PANEL COVER -----	1	
- 6	S1360-10	CIRCUIT BREAKER -----	1	A
- 6A	S1360-10L	CIRCUIT BREAKER WITHOUT NUT -----	1	B
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
- 7	35070-1014	ACTUATOR-AILERON TYPE PA-500A 14 VOLT AIRCRAFT ONLY -	1	
		ARC		
- 7A	35070-1028	ACTUATOR-AILERON TYPE PA-500A 28 VOLT AIRCRAFT ONLY -	1	B
		ARC		
		ATTACHING PARTS		
- 8	1200194-1	ADAPTER -----	1	
	NAS221-9	SCREW -----	2	
	MS21044N3	NUT -----	2	
- 9	AN507-1032R8	SCREW -----	2	
	AN960-10	WASHER -----	2	
	AN3-4A	BOLT -----	2	
		---*---		
-10	1200027-1	SUPPORT -----	1	
		ATTACHING PARTS		
-11	AN520-10R6	SCREW -----	6	
-12	MS21044N3	NUT -----	6	
		---*---		
-13	1200735-101	CHAIN & CABLE ASSY -----	1	
-14	AN155B-16S	BARREL -----	1	
-15	1200735-102	CABLE ASSY -----	1	
		ATTACHING PARTS		
-16	MS20392-209	PIN -----	1	
-17	MS24665-132	PIN-COTTER -----	1	
		---*---		
-18	1221087-12	BELLCRANK -----	1	
-19	1200016-1	PULLEY SUPPORT -----	1	
-20	MS24665-285	PIN-COTTER -----	3	
-21	MS20220-1	PULLEY -----	1	
		ATTACHING PARTS		
-22	AN5-11A	BOLT -----	1	
-23	AN960-516	WASHER -----	1	
-24	NAS679A5	NUT -----	1	
		---*---		
-25	0770702-12	CABLE ASSY -----	1	
		ATTACHING PARTS		
-26	AN23-10	BOLT -----	1	
-27	AN310-3	NUT -----	1	
-28	MS24665-134	PIN-COTTER -----	1	
-29	AN155B-16S	BARREL -----	1	
		---*---		
-30	0770702-19	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
-31	AN23-10	BOLT -----	1	
-32	AN310-3	NUT -----	1	
-33	MS24665-134	PIN-COTTER -----	1	
		---*---		

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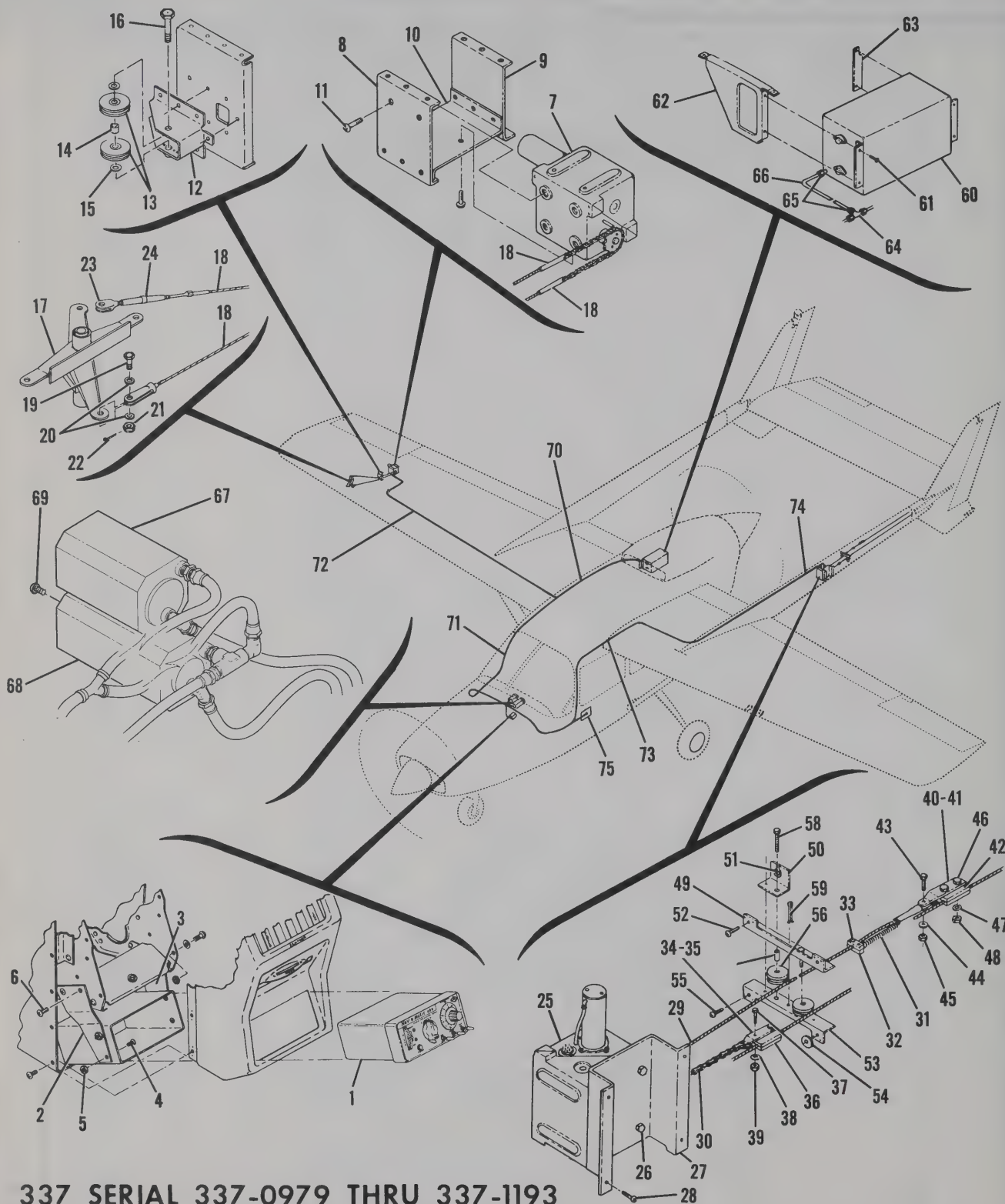
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-19-34	35070-1214	ACTUATOR-ELEVATOR TYPE PA-500A 14 VOLT AIRCRAFT ONLY- ARC	1	
-34A	35070-1128	ACTUATOR-ELEVATOR TYPE PA-500A 28 VOLT AIRCRAFT ONLY- ARC	1	B
		ATTACHING PARTS		
-35	AN3-4A	BOLT -----	4	
-36	1260651-1	BRACKET ASSY ----- -----*	1	
		OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND		
-37	35910-0014	COMPUTER AMPLIFIER TYPE CA-520B 14 VOLT AIRCRAFT ONLY- ARC	1	
-37A	35910-1528	COMPUTER AMPLIFIER TYPE CA-520B 28 VOLT AIRCRAFT ONLY- ARC	1	B
		ATTACHING PARTS		
-38	NAS603-12	SCREW -----	4	
-39	S355	SPACER -----	4	
-40	S1613-3-75	NUT ----- -----*	4	
-41	1200202-2	TUBE -----	1	
		ATTACHING PARTS		
-42	S1131-1	INSERT -----	2	
-43	S1130-1	NUT ----- -----*	2	
-44	S1135-1	ELBOW -----	1	
-45	S1776-4	BUTTON -----	1	
-46	37570-0001	GYRO-HORIZON TYPE G-519A-1 ARC ----- ATTACHING PARTS	1	
	AN520-6R10	SCREW ----- -----*	4	
-47	30370-0100	GYRO-DIRECTIONAL TYPE G-520A WHEN EXHAUSTED USE ----- 30370-0102 ARC	1	A
	30370-0102	GYRO-DIRECTIONAL TYPE G-520A ARC ----- ATTACHING PARTS	3	B
	AN520-6R10	SCREW ----- -----*	3	
-48		* CABLE ASSY CONTROLLER TO FUSELAGE CABLE AT STA. 55.62 --- NP		
	31683-0020	CONNECTOR CONNECTS TO CONTROL UNIT ARC -----	1	
	S1962-1-4	HOUSING PLUG 15 PIN CONNECTS TO FUSELAGE CABLE --- AT STA. 55.62	1	
	S1962-1-2	HOUSING PLUG 15 PIN CONNECTS TO FUSELAGE CABLE AT - STA. 55.62	1	
	S1838-2	HOUSING CONNECTS TO P1 ON AUDIO JUNCTION BOX -----	1	
-49		* CABLE ASSY STA. 55.62 TO STA. 152.20 ----- NP		
	S1692-2-4	HOUSING CAP 15 PIN CONNECTS TO STA. 55.62 AND STA.- 152.20 CABLE ASSY STA. 55.62 TO STA. 152.20	2	
	S1692-2-2	HOUSING CAP 15 PIN CONNECTS TO STA. 55.62 AND STA.- 152.20	2	
-50		* CABLE ASSY COMPUTER TO TWO CABLE ASSEMBLIES AT STA. ----- NP		
	31683-0020	CONNECTOR CONNECTS TO COMPUTER ARC -----	1	
	S1692-1-4	HOUSING PLUG CONNECTS TO CABLE AT STA. 152.20 -----	1	
	S1692-1-2	HOUSING PLUG CONNECTS TO CABLE AT STA. 152.20 -----	1	
-51		* CABLE ASSY CONTROL UNIT TO VERTICAL GYRO ----- NP		
	28371-0007	CONNECTOR CONNECTS TO CONTROL UNIT ARC -----	1	
	28326-0007	CONNECTOR CONNECTS TO VERTICAL GYRO ARC -----	1	
-52		* CABLE ASSY CONTROL UNIT TO DIRECTIONAL GYRO ----- NP		
	28371-0005	PLUG CONNECTS TO CONTROL UNIT ARC -----	1	
	28326-0005	PLUG CONNECTS TO DIRECTIONAL GYRO ARC -----	1	
-53		* CABLE ASSY ROLL ACTUATOR TO CABLE IN WING ROOT ----- NP		
	38423-0001	CONNECTOR CONNECTS TO ROLL ACTUATOR ARC -----	1	
	S1640-9	HOUSING PIN 6 PIN CONNECTS TO CABLE IN WING -----	1	
-54		* CABLE ASSY WING ROOT TO STA. 55.62 ----- NP		
	S1641-9	HOUSING SOCKET 9 PIN CONNECTS TO WING ROOT -----	1	
		CONNECTOR		
	S1962-1-2	HOUSING PLUG 15 PIN CONNECTS TO STA. 55.62 -----	1	
-55		* CABLE ASSY COMPUTER TO CABLE AT STA. 152.20 ----- NP		
	28371-0007	CONNECTOR CONNECTS TO COMPUTER ARC -----	1	
	S1962-1-2	HOUSING PLUG CONNECTS TO STA. 152.20 -----	1	

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE	
		1 2 3 4 5 6 7									
1-19-56	38423-0001 28371-0009	*	CABLE ASSY	PITCH ACTUATOR TO COMPUTER -----						NP	
			CONNECTOR	CONNECTS TO PITCH ACTUATOR ARC -----						1	
			CONNECTOR	CONNECTS TO COMPUTER ARC -----						1	
NOTES.											
1. REFER TO THE 210 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS.											
* 2. REFER TO THE 210 WIRING DIAGRAMS IN SECTION VII WIRING APPLICABLE TO 1972 & ON MODELS											
A---THRU 1971 MODELS ONLY											
B---1972 & ON MODELS ONLY											

CESSNA NAV-O-MATIC 400 INSTALLATION



337 SERIAL 337-0979 THRU 337-1193
T337 SERIAL T337-0979 THRU T337-1193

Figure 1-20. Cessna Nav-O-Matic 400 Installation - Models 337 & T337 Only



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-20-		CESSNA NAV-O-MATIC 400 INSTALLATION THRU 1969 337 SERIES --	NP	
- 1	35670-1028	CONTROLLER-AMPLIFIER 28 VOLT TYPE C-520B ARC ----	1	
		ATTACHING PARTS		
- 2	1470066-23	BRACKET-CONTROLLER LH -----	1	
- 3	1470066-24	BRACKET-CONTROLLER RH -----	1	
- 4	AN507-632R6	SCREW -----	4	
- 5	NAS679A06	NUT -----	4	
- 6	AN515-8R6	SCREW STANDARD EQUIPMENT -----	4	
		---*---		
- 7	29510-0001	ACTUATOR ASSY-AILERON TYPE PA-511A -28 VOLT WHEN ----	1	
		EXHAUSTED USE 35070-1028 TYPE PA-500A REFER TO FIG		
	38144-0060	1-21 ITEM 7 THRU 11 FOR REPLACEMENT ARC		
		SHEAR PIN 30 INCH POUNDS RED NOT USED WITH ----	1	
		35070-1028 ACTUATOR ARC		
		ATTACHING PARTS		
- 8	1422023-1	PLATE-40 PER CENT CHORD TIE -----	1	
- 9	1422023-2	PLATE-50 PER CENT CHORD TIE -----	1	
-10	1422023-3	PLATE-ACTUATOR SUPPORT -----	1	
	AN960-10	WASHER -----	4	
-11	AN520-10R10	SCREW -----	4	
		---*---		
-12	1560111-1	BRACKET ASSY-PULLEY -----	1	
-13	S378-1	PULLEY -----	2	
		ATTACHING PARTS		
-14	NAS43-3-15	SPACER -----	1	
-15	AN960-10L	WASHER-LOCK -----	2	
-16	AN3-12A	BOLT -----	1	
		---*---		
-17	1462000-2	BELLCRANK ASSY RH-AILERON -----	1	
-18	1560008-2	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
-19	AN3-7	BOLT -----	2	
-20	AN960C10L	WASHER -----	4	
-21	AN310-C3	NUT -----	2	
-22	MS24665-134	PIN-COTTER -----	2	
-23	AN161-16LS	FORK -----	1	
-24	AN155B-16S	BARREL-TURNBUCKLE -----	1	
		---*---		
-25	29510-0401	ACTUATOR ASSY-ELEVATOR TYPE PA-511A-4 -28 VOLT -----	1	
		WHEN EXHAUSTED USE 35070-1128 TYPE PA-500A ARC		
	38144-0030	SHEAR PIN 30 INCH POUNDS GREEN NOT USED WITH --	1	
		35070-1128 ACTUATOR ARC		
		ATTACHING PARTS		
-26	AN520-10R10	SCREW -----	4	
		---*---		
-27	1470066-26	BRACKET ASSY -----	1	
		ATTACHING PARTS		
-28	AN525-832R8	SCREW -----	4	
		---*---		
-29	1560008-1	CHAIN & CABLE ASSY -----	1	
-30	1560008-6	CHAIN 14 INCHES REQD -----	AR	
-31	1470066-54	SPRING -----	1	
-32	1460326-1	BLOCK-STOP -----	2	
		ATTACHING PARTS		
-33	AN520-10R6	SCREW -----	2	
		---*---		
-34	1470066-33	LINK -----	1	
-35	1470066-32	LINK -----	1	
-36	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
-37	AN3-10A	BOLT -----	2	
-38	AN960-10	WASHER -----	2	
-39	MS21044N3	NUT -----	2	
		---*---		
		CONTINUED ON NEXT PAGE		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-20-40	1470066-34	LINK -----	1	
-41	1470066-35	LINK -----	1	
-42	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
-43	AN3-6	BOLT -----	1	
-44	AN960-10	WASHER -----	1	
-45	MS21044N3	NUT -----	1	
-46	AN3-10A	BOLT -----	2	
-47	AN960-10	WASHER -----	2	
-48	MS21044N3	NUT -----	2	
		-----*		
-49	1470066-14	BRACKET ASSY-PULLEY -----	1	
-50	1470066-55	CLIP -----	1	
-51	S338-1	FAIRLEAD -----	2	
	S339-1	CLIP -----	1	
		ATTACHING PARTS		
-52	AN520-10R10	SCREW -----	2	
		-----*		
-53	1470066-12	BRACKET ASSY-PULLEY -----	1	
		ATTACHING PARTS		
-54	S1450-3-10.032	WASHER -----	2	
-55	AN520-10R10	SCREW -----	2	
		-----*		
-56	S394	PULLEY -----	2	
		ATTACHING PARTS		
-57	0411783	BUSHING -----	2	
-58	AN3-7A	BOLT -----	2	
-59	MS24665-287	PIN-COTTER -----	2	
		-----*		
-60	35910-1228	COMPUTER AMPLIFIER -----	1	
		ATTACHING PARTS		
-61	MS24678-10	SCREW -----	4	
		-----*		
-62	1470066-50	BRACKET ASSY-COMPUTER FWD -----	1	
-63	1470066-58	BRACKET ASSY-COMPUTER AFT -----	1	
	MS35459-14	GROMMET USED WITH TURBO SYSTEM ONLY -----	1	
-64	S1137-1	TEE -----	1	
-65	S1130-1	NUT -----	2	
	S1131-1	INSERT -----	2	
-66	S1071-1-36.0	LINE BULK ITEM -----	AR	
-67	37570-0001	GYRO-HORIZON TYPE G-519A-1 ARC -----	1	
		ATTACHING PARTS		
	AN507B632R10	SCREW -----	4	
		-----*		
-68	30370-0100	GYRO-DIRECTIONAL TYPE G-520A ARC -----	1	
		ATTACHING PARTS		
-69	AN507B632R10	SCREW -----	3	
		-----*		
-70		CABLE ASSY CONTROL UNIT TO COMPUTER -----	NP	
	31683-0020	CONNECTOR ARC -----	2	
		CABLE ASSY CONTROL UNIT TO VERTICAL GYRO -----	NP	
	28371-0007	CONNECTOR ATTACHES TO CONTROL UNIT ARC -----	1	
	28326-0007	CONNECTOR ATTACHES TO VERTICAL GYRO ARC -----	1	
		CABLE ASSY CONTROL UNIT TO DIRECTIONAL GYRO -----	NP	
	28371-0005	CONNECTOR ATTACHES TO CONTROL UNIT ARC -----	1	
	28326-0005	CONNECTOR ATTACHES TO DIRECTIONAL GYRO ARC -----	1	
-71		CABLE ASSY COMPUTER TO ROLL ACTUATOR CABLE -----	NP	
	28371-0007	CONNECTOR ATTACHES TO COMPUTER ARC -----	1	
	S1641-9	HOUSING SOCKET ATTACHES TO ROLL ACTUATOR CABLE -----	1	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
1-20-72	28326-0009 S1640-9	CABLE ASSY	ROLL ACTUATOR TO COMPUTER CABLE -----						NP	
		CONNECTOR	ATTACHES TO ROLL ACTUATOR	ARC -----					1	
		HOUSING PIN	ATTACHES TO COMPUTER CABLE -----						1	
-73	28371-0009 S1641-9	CABLE ASSY	COMPUTER TO PITCH ACTUATOR CABLE -----						NP	
		CONNECTOR	ATTACHES TO COMPUTER	ARC -----					1	
		HOUSING SOCKET	ATTACHES TO PITCH ACTUATOR CABLE -----						1	
-74	28326-0009 S1640-9	CABLE ASSY	PITCH ACTUATOR TO COMPUTER CABLE -----						NP	
		CONNECTOR	ATTACHES TO PITCH ACTUATOR	ARC -----					1	
		HOUSING PIN	ATTACHES TO COMPUTER CABLE -----						1	
-75	S1360-5L	CIRCUIT BREAKER	-----						1	
	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER	-----						1	
	1400019-29	PLACARD	CENTERED BELOW VERTICAL SPEED INDICATOR -----						1	
NOTE REFER TO THE 337 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS										

CESSNA NAV-O-MATIC 400 INSTALLATION

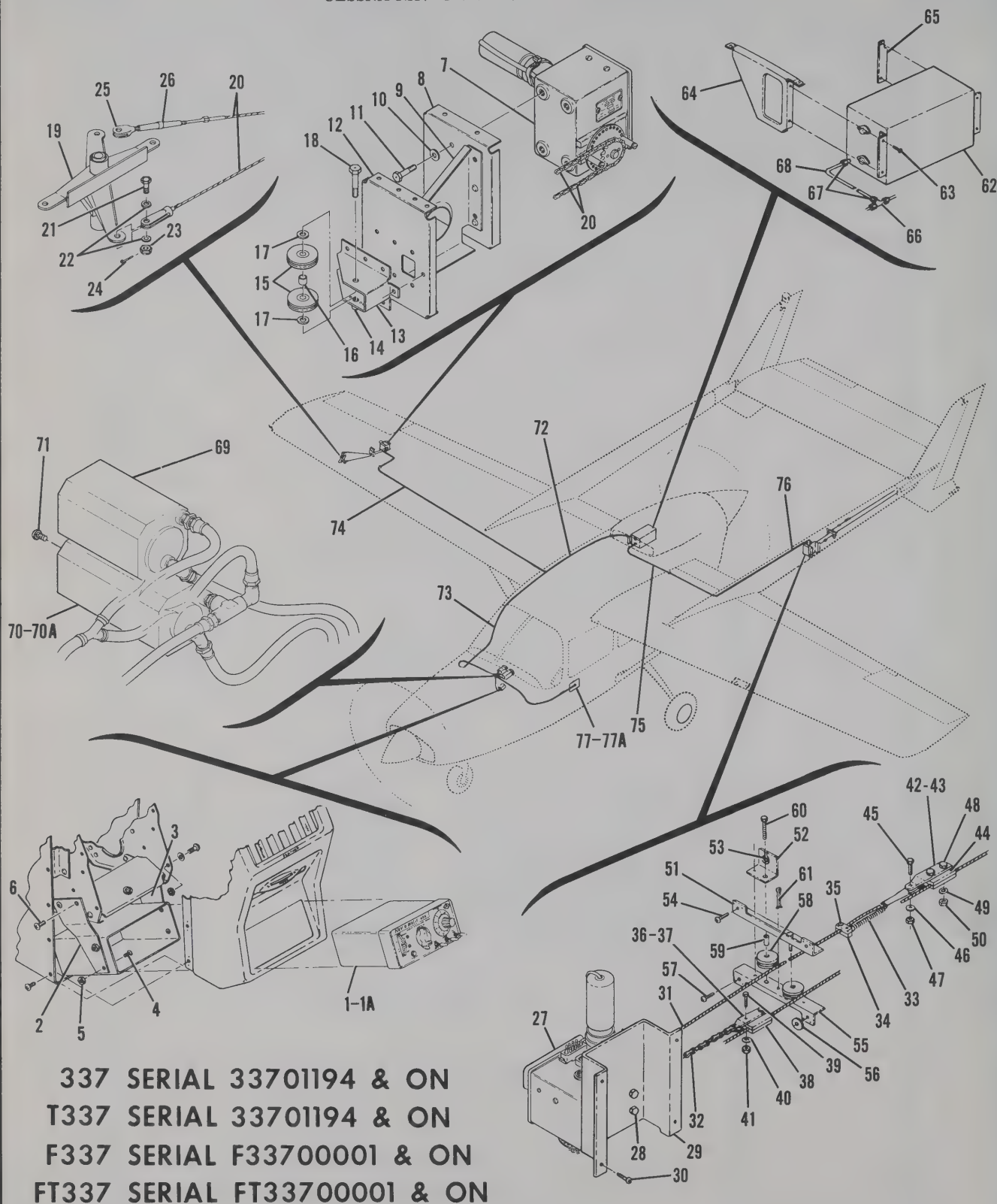
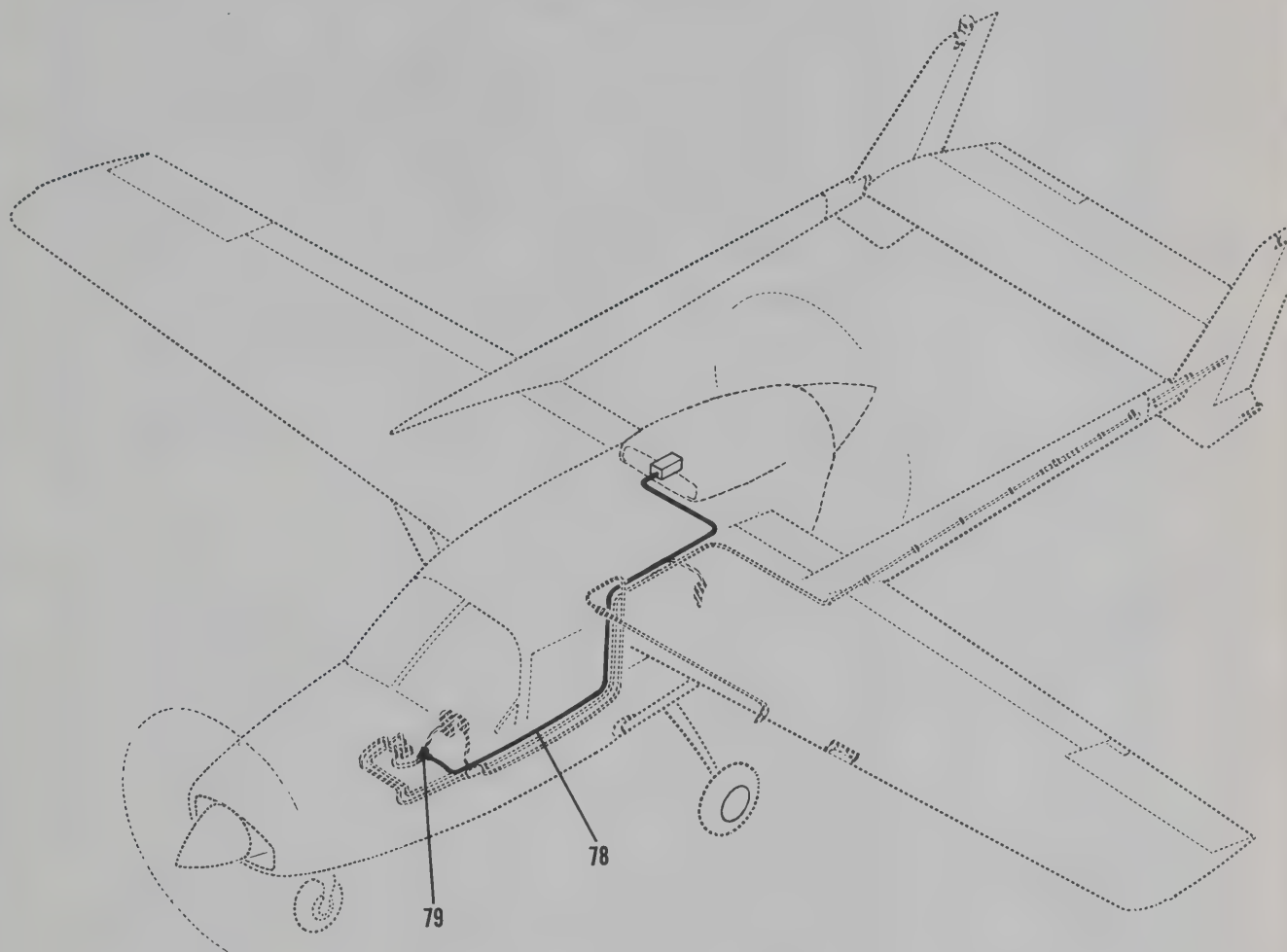


Figure 1-21. Cessna Nav-O-Matic 400 Installation (Sheet 1 of 2)

CESSNA NAV-O-MATIC 400 INSTALLATION



337 SERIAL 33701194 & ON
T337 SERIAL 33701194 & ON
F337 SERIAL F33700001 & ON
FT337 SERIAL FT33700001 & ON

Figure 1-21. Cessna Nav-O-Matic 400 Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-21-		CESSNA NAV-O-MATIC 400 INSTALLATION 1970 & ON 337 -----	NP	
- 1	35670-1028	SERIES ONLY		
		CONTROLLER-AMPLIFIER TYPE C-520B 28 VOLT WHEN ---	1	A
		EXHAUSTED USE 35670-1128 ARC		
- 1A	35670-1128	CONTROLLER-AMPLIFIER TYPE C-520B 28 VOLT ARC ---	1	B
		ATTACHING PARTS		
- 2	1470066-23	BRACKET-CONTROLLER LH -----	1	
- 3	1470066-24	BRACKET-CONTROLLER RH -----	1	
- 4	AN507-632R6	SCREW -----	4	
- 5	NAS679A06	NUT -----	4	
- 6	AN515-8R6	SCREW STANDARD EQUIPMENT ON ACFT -----	4	
- 7	35070-1028	ACTUATOR ASSY-AILERON TYPE PA-500A 28 VOLT ARC --	1	
		ATTACHING PARTS		
- 8	1422023-5	PLATE-40 PER CENT CORD TIE -----	1	
- 9	1570224-1	BRACKET -----	1	
-10	AN960-10	WASHER -----	4	
-11	AN520-10R10	SCREW -----	4	
		-----*		
	1560111-2	BRACKET ASSY-PULLEY -----	1	
-12	1470066-62	SUPPORT -----	1	
-13	1470066-63	BRACKET -----	1	
-14	NAS680AK3	NUTPLATE -----	1	
-15	S378-1	PULLEY -----	2	
		ATTACHING PARTS		
-16	NAS43-3-15	SPACER -----	1	
-17	AN960-10L	WASHER-LOCK -----	2	
-18	AN3-12A	BOLT -----	1	
		-----*		
-19	1462000-2	BELLCRANK ASSY RH-AILERON -----	1	
-20	1560008-8	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
-21	A3-7	BOLT -----	2	
-22	AN960C10L	WASHER -----	4	
-23	AN310-C3	NUT -----	2	
-24	MS24665-134	PIN-COTTER -----	2	
-25	AN161-16LS	FORK -----	1	
-26	AN155B-16S	BARREL-TURNBUCKLE -----	1	
		-----*		
-27	35070-1128	ACTUATOR ASSY-ELEVATOR TYPE PA-500A 28 VOLT ARC -	1	
		ATTACHING PARTS		
-28	AN520-10R10	SCREW -----	4	
		-----*		
-29	1470066-60	BRACKET ASSY -----	1	
		ATTACHING PARTS		
-30	AN525-832R8	SCREW -----	4	
		-----*		
-31	1560008-1	CHAIN & CABLE ASSY -----	1	
-32	1560008-6	CHAIN 13.75 INCHES REQD -----	AR	
-33	1470066-54	SPRING -----	1	
-34	1460326-1	BLOCK-STOP -----	2	
		ATTACHING PARTS		
-35	AN520-10R6	SCREW -----	2	
		-----*		
-36	1470066-33	LINK -----	1	
-37	1470066-32	LINK -----	1	
-38	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
-39	AN3-10A	BOLT -----	2	
-40	AN960-10	WASHER -----	2	
-41	MS21044N3	NUT -----	2	
		-----*		
-42	1470066-34	LINK -----	1	
-43	1470066-35	LINK -----	1	
-44	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
-45	AN3-6	BOLT -----	1	
-46	AN960-10	WASHER -----	1	
-47	MS21044N3	NUT -----	1	
-48	AN3-10A	BOLT -----	2	
-49	AN960-10	WASHER -----	2	
-50	MS21044N3	NUT -----	2	
		-----*		
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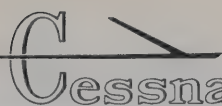
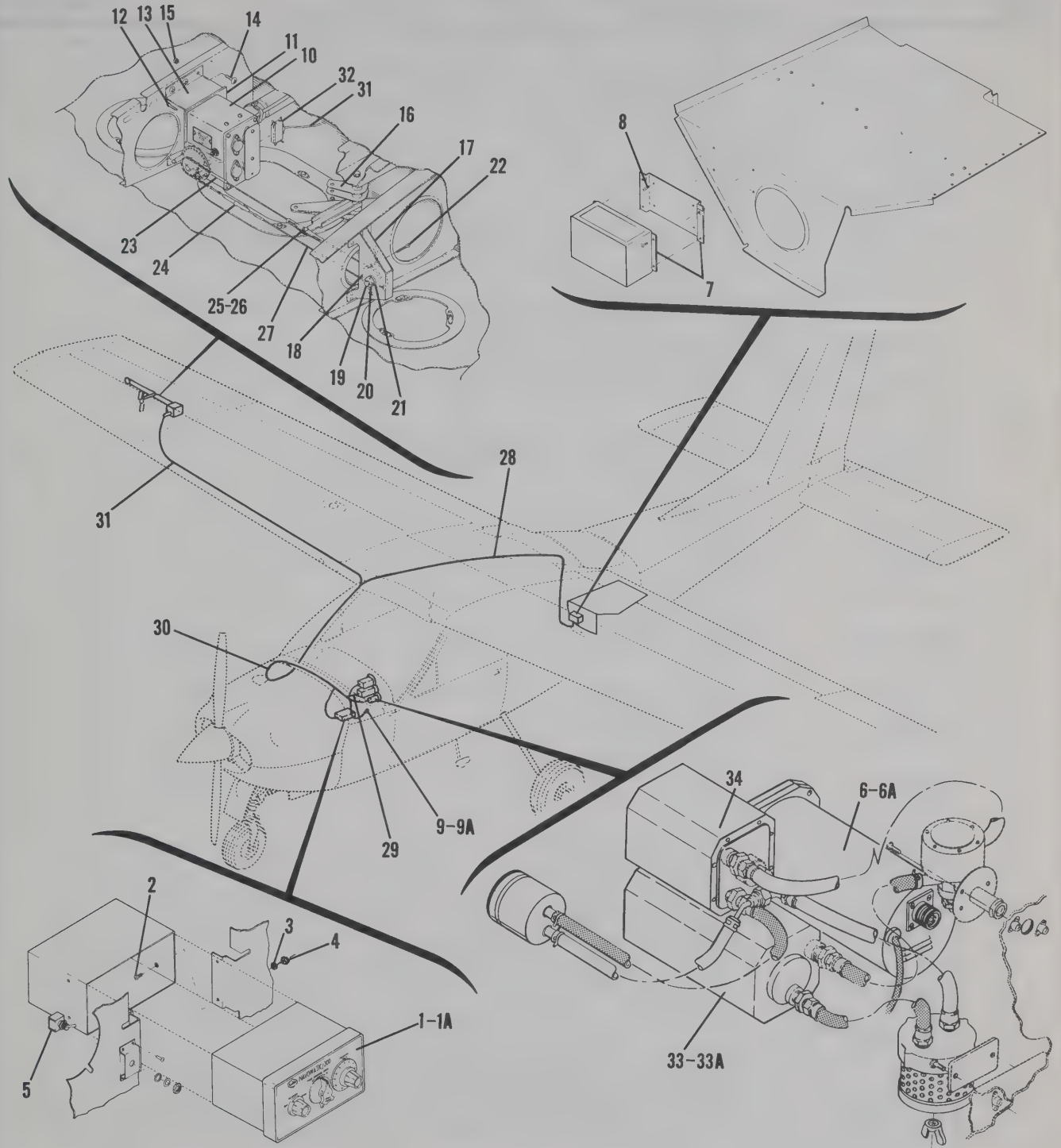


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION						UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6 7		
1-21-51	1470066-14	BRACKET ASSY-PULLEY -----						1	
-52	1470066-55	CLIP -----						1	
-53	S338-1	FAIRLEAD -----						2	
	S339-1	CLIP -----						1	
		ATTACHING PARTS							
-54	AN520-10R10	SCREW -----						2	
		-----*							
-55	1470066-12	BRACKET ASSY-PULLEY -----						1	
		ATTACHING PARTS							
-56	S1450-3-10.032	WASHER -----						2	
-57	AN520-10R10	SCREW -----						2	
		-----*							
-58	S394	PULLEY -----						2	
		ATTACHING PARTS							
-59	0411783	BUSHING -----						2	
-60	AN3-7A	BOLT -----						2	
-61	MS24665-287	PIN-COTTER -----						2	
		-----*							
-62	35910-1228	COMPUTER-AMPLIFIER	TYPE CA-520B	ARC	-----		1		
		ATTACHING PARTS							
-63	MS24678-10	SCREW -----						4	
		-----*							
-64	1470066-50	BRACKET ASSY-COMPUTER FWD -----						1	
-65	1470066-58	BRACKET ASSY-COMPUTER AFT -----						1	
	MS35459-14	GROMMET USED WITH TURBO SYSTEM ONLY -----						1	
-66	S1137-1	TEE ALL MODELS EXCEPT 1971 & ON TURBO MODELS AND ALL ----						1	
		AIRCRAFT INCORPORATING ALTERNATE STATIC AIR SOURCE							
-67	S1130-1	NUT ALL MODELS EXCEPT 1971 & ON TURBO MODELS AND ALL ----						2	
		AIRCRAFT INCORPORATING ALTERNATE STATIC AIR SOURCE							
	S1131-1	INSERT ALL MODELS EXCEPT 1971 & ON TURBO MODELS AND ALL -						2	
		AIRCRAFT INCORPORATING ALTERNATE STATIC AIR SOURCE							
-68	S1071-1-36.0	LINE ALL MODELS EXCEPT 1971 & ON TURBO MODELS AND ALL ---						AR	
		AIRCRAFT INCORPORATING ALTERNATE STATIC AIR SOURCE							
-69	37570-0001	GYRO-HORIZON TYPE G-519A-1 ARC -----						1	
		ATTACHING PARTS							
	AN507B632R10	SCREW -----						4	
		-----*							
-70	30370-0100	GYRO-DIRECTIONAL	TYPE G-520A	WHEN EXHAUSTED USE	----		1	A	
		30370-0102	ARC						
-70A	30370-0102	GYRO-DIRECTIONAL	TYPE G-520A	ARC	-----		1	B	
		ATTACHING PARTS							
-71	AN507B632R10	SCREW -----						3	
		-----*							
-72		* CABLE ASSY	CONTROL UNIT TO COMPUTER			-----		NP	
	31683-0020	CONNECTOR	ARC			-----		2	
		* CABLE ASSY	CONTROL UNIT TO VERTICAL GYRO			-----		NP	
	28371-0007	CONNECTOR	ATTACHES TO CONTROL UNIT			ARC	-----	1	
	28326-0007	CONNECTOR	ATTACHES TO VERTICAL GYRO			ARC	-----	1	
		* CABLE ASSY	CONTROL UNIT TO DIRECTIONAL GYRO			-----		NP	
	28371-0005	CONNECTOR	ATTACHES TO CONTROL UNIT			ARC	-----	1	
	28326-0005	CONNECTOR	ATTACHES TO DIRECTIONAL GYRO			ARC	-----	1	
-73		* CABLE ASSY	COMPUTER TO ROLL ACTUATOR CABLE			-----		NP	
	28371-0007	CONNECTOR	ATTACHES TO COMPUTER			ARC	-----	1	
	S1641-9	HOUSING SOCKET	ATTACHES TO ROLL ACTUATOR CABLE			-----		1	
-74		* CABLE ASSY	ROLL ACTUATOR TO COMPUTER CABLE			-----		NP	
	38423-0001	CONNECTOR	ATTACHES TO ROLL ACTUATOR			ARC	-----	1	
	S1640-9	HOUSING PIN	ATTACHES TO COMPUTER CABLE			-----		1	
-75		* CABLE ASSY	COMPUTER TO PITCH ACTUATOR CABLE			-----		NP	
	28371-0009	CONNECTOR	ATTACHES TO COMPUTER			ARC	-----	1	
	S1641-9	HOUSING SOCKET	ATTACHES TO PITCH ACTUATOR CABLE			-----		1	
-76		* CABLE ASSY	PITCH ACTUATOR TO COMPUTER CABLE			-----		NP	
	38423-0001	CONNECTOR	ATTACHES TO PITCH ACTUATOR			ARC	-----	1	
	S1640-9	HOUSING PIN	ATTACHES TO COMPUTER CABLE			-----		1	
-77	S1360-5	CIRCUIT BREAKER -----						1	A
	1400019-29	PLACARD CENTERED ABOVE AIR SPEED INDICATOR -----						1	A
	1400019-38	PLACARD CENTERED ABOVE AIR SPEED INDICATOR -----						1	B
		REPLACED BY 1400019-29 WHEN OPTIONAL BLACK PANEL							
		COVERS ARE INSTALLED							
-77A	S1360-5L	CIRCUIT BREAKER WITHOUT NUT -----						1	B
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----						1	B
	1400019-29	PLACARD CENTERED ABOVE AIR SPEED INDICATOR -----						1	
-78	S1071-1	TUBE ALL 1971 & ON AIRCRAFT INCORPORATION ALTERNATE ----						AR	
		STATIC AIR SOURCE LENGTH TO BE DETERMINED							
CONTINUED ON NEXT PAGE									

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
1-21-79	S1137-1	TEE ALL 1971 & ON AIRCRAFT INCORPORATING ALTERNATE ----- STATIC AIR SOURCE ATTACHING PARTS	1	
	S1131-1	INSERT -----	2	
	S1130-1	NUT -----	2	
		-----*----- NOTES. 1. REFER TO THE 337 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS. * 2. REFER TO THE 337 WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS. A---THRU 1971 MODELS ONLY B---1972 & ON MODELS ONLY		

CESSNA NAV-O-MATIC 300 INSTALLATION



**177RG SERIAL 177RG0001 & ON
FI77RG SERIAL FI77RG0001 & ON**

Figure 1-22. Cessna Nav-O-Matic 300 Installation - Model 177RG Only

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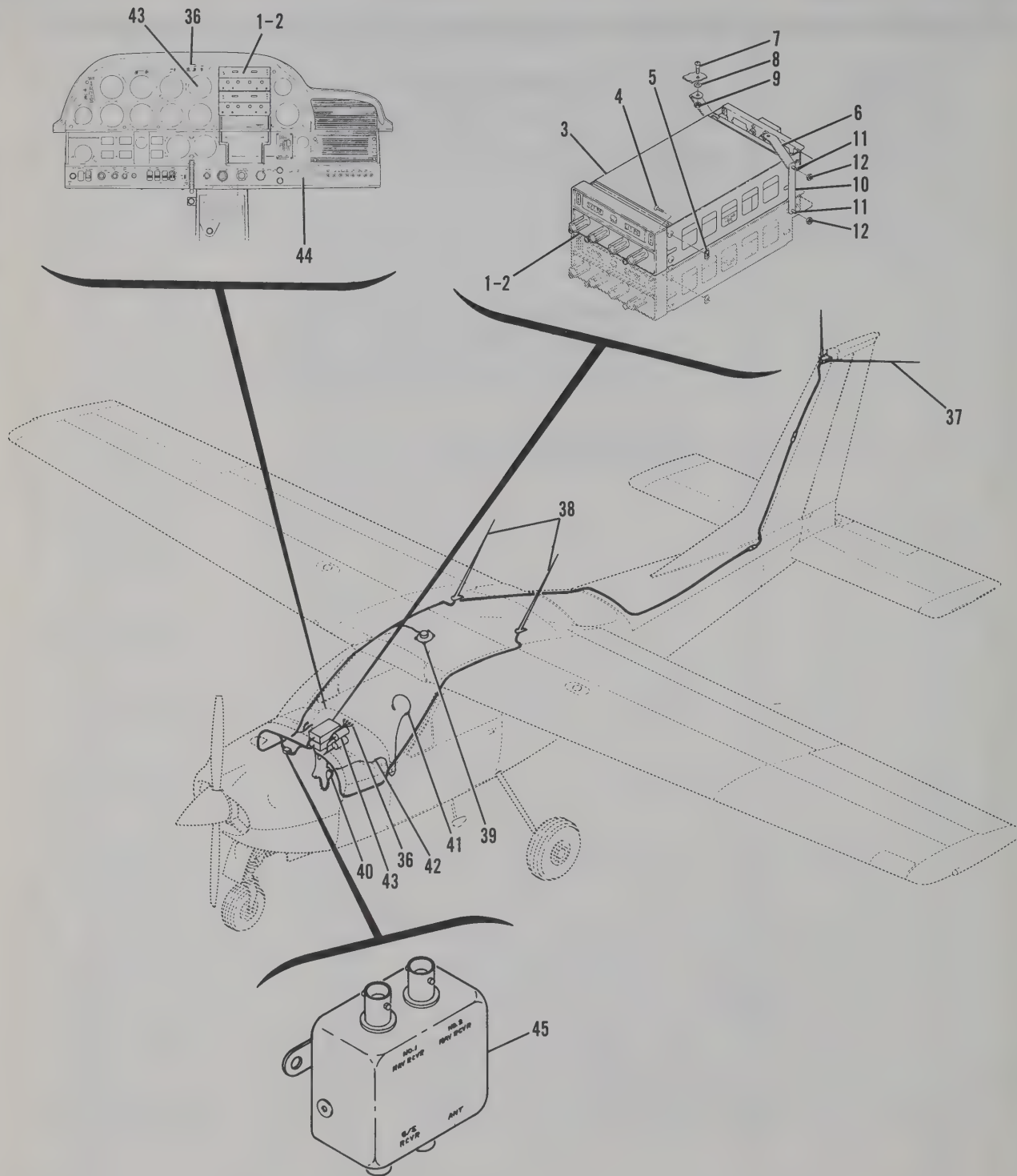
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-22-		CESSNA NAV-O-MATIC 300 INSTALLATION 1971 & ON MODEL 177RG -	NP	
- 1	35660-1014	ONLY CONTROLLER AMPLIFIER TYPE C-594B BLACK FACEPLATE ----	1	A
- 1A	35660-1114	WHEN EXHAUSTED USE 35660-1114 ARC CONTROLLER AMPLIFIER TYPE C-594B LIGHT SHADOW GREY --	1	B
		FACEPLATE ARC ATTACHING PARTS		
- 2	AN507-632R6	SCREW -----	4	
- 3	AN960-6	WASHER -----	4	
- 4	NAS679A06	NUT -----	4	
		-----*		
- 5	1770000-209	SWITCH ASSY-OMNI USED ONLY WHEN DUAL OMNIS ARE INSTALLED-	1	
- 6	35060-0014	TURN COORDINATOR TYPE G-500A WHEN EXHAUSTED USE ----	1	A
		35060-0114 ARC		
- 6A	35060-0114	TURN COORDINATOR TYPE G-500A ARC -----	1	B
		ATTACHING PARTS		
	AN515B6R12	SCREW -----	4	
		-----*		
- 7	28900-0000	OMNI COUPLER TYPE CA-512A ARC -----	1	
		ATTACHING PARTS		
	AN936A8	WASHER -----	4	
- 8	AN515-8R8	SCREW -----	4	
		-----*		
- 9	S1360-10	CIRCUIT BREAKER -----	1	A
- 9A	S1360-10L	CIRCUIT BREAKER WITHOUT NUT -----	1	B
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	B
-10	35070-1014	AILERON ACTUATOR ASSY TYPE PA-500A ARC -----	1	
		ATTACHING PARTS		
-11	1200194-1	BRACKET -----	1	
	AN509-8R-8	SCREW -----	2	
-12	AN3-4A	BOLT -----	4	
	MS21044N3	NUT -----	2	
		-----*		
-13	1200027-1	SUPPORT -----	1	
		ATTACHING PARTS		
-14	AN520-10R6	SCREW -----	6	
-15	MS21044N3	NUT -----	6	
		-----*		
-16	1221087-12	BELLCRANK ASSY REPLACES STANDARD -2 BELLCRANK WHEN ----	1	
		AUTOPILOT IS INSTALLED		
-17	1200016-1	PULLEY SUPPORT -----	1	
-18	MS20220-1	PULLEY -----	1	
		ATTACHING PARTS		
-19	AN5-11A	BOLT -----	1	
-20	NAS679A5	NUT -----	1	
-21	AN960-516	WASHER -----	1	
		-----*		
-22	MS20665-285	COTTER PIN -----	3	
-23	1200735-101	CHAIN & CABLE ASSY -----	1	
-24	AN155B-16S	BARREL ADJUSTABLE CABLE TENSION TO 30 LBS. ----	1	
-25	MS20392-2C9	PIN -----	1	
-26	MS24665-132	COTTER PIN -----	1	
-27	1200735-102	CABLE ASSY -----	1	
-28		CABLE ASSY CONTROLLER AMPLIFIER TO OMNI COUPLER -----	NP	
	28371-0009	PLUG CONNECTS TO CONTROLLER AMPLIFIER ARC -----	1	
	29410	PLUG CONNECTS TO OMNI COUPLER ARC -----	1	
	S1838-1	HOUSING CONNECTS TO P-2 ON AUDIO JUNCTION BOX -----	1	
-29		CABLE ASSY CONTROLLER AMPLIFIER TO DIRECTIONAL GYRO ----	1	
	28371-0005	PLUG CONNECTS TO CONTROLLER AMPLIFIER ARC -----	1	
	28326-0005	PLUG CONNECTS TO DIRECTIONAL GYRO ARC -----	1	
-30		CABLE ASSY CONTROLLER AMPLIFIER TO AILERON ACTUATOR -----	NP	
		CABLE AND TURN COORDINATOR PIG-TAIL		
	28336-0000	PLUG CONNECTS TO CONTROLLER AMPLIFIER ARC -----	1	
	50328-0002	PLUG CONNECTS TO TURN COORDINATOR ARC -----	1	
	S1641-9	PLUG CONNECTS TO AILERON ACTUATOR CABLE ARC -----	1	

CONTINUED ON NEXT PAGE

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-22-31		CABLE ASSY AILERON ACTUATOR TO CONTROLLER AMPLIFIER -----	NP	
	S1640-9	CABLE		
-32	38423-0001	HOUSING CONNECTS TO CONTROLLER AMPLIFIER CABLE ARC-	1	
		PLUG CONNECTS TO AILERON ACTUATOR ARC -----	1	
	28460-0000	CABLE ASSY BUS BAR TO TURN COORDINATOR -----	NP	
-33	30370-0100	PLUG ATTACHES TO TURN COORDINATOR ARC -----	1	
		DIRECTIONAL GYRO TYPE G-520A WHEN EXHAUSTED USE -----	1	A
-33A	30370-0102	30370-0102 ARC		
		DIRECTIONAL GYRO TYPE G-520A ARC -----	1	B
	AN515B6R7	ATTACHING PARTS		
		SCREW -----	1	
-34	C661001-0504	-----*-----		
		GYRO HORIZON -----	REF	
NOTES. 1. REFER TO THE 177RG PARTS CATALOG FOR VACUUM HOSES AND FITTINGS * 2. REFER TO THE 177RG WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS. A---THRU 1971 MODELS ONLY B---1972 & ON MODELS ONLY				

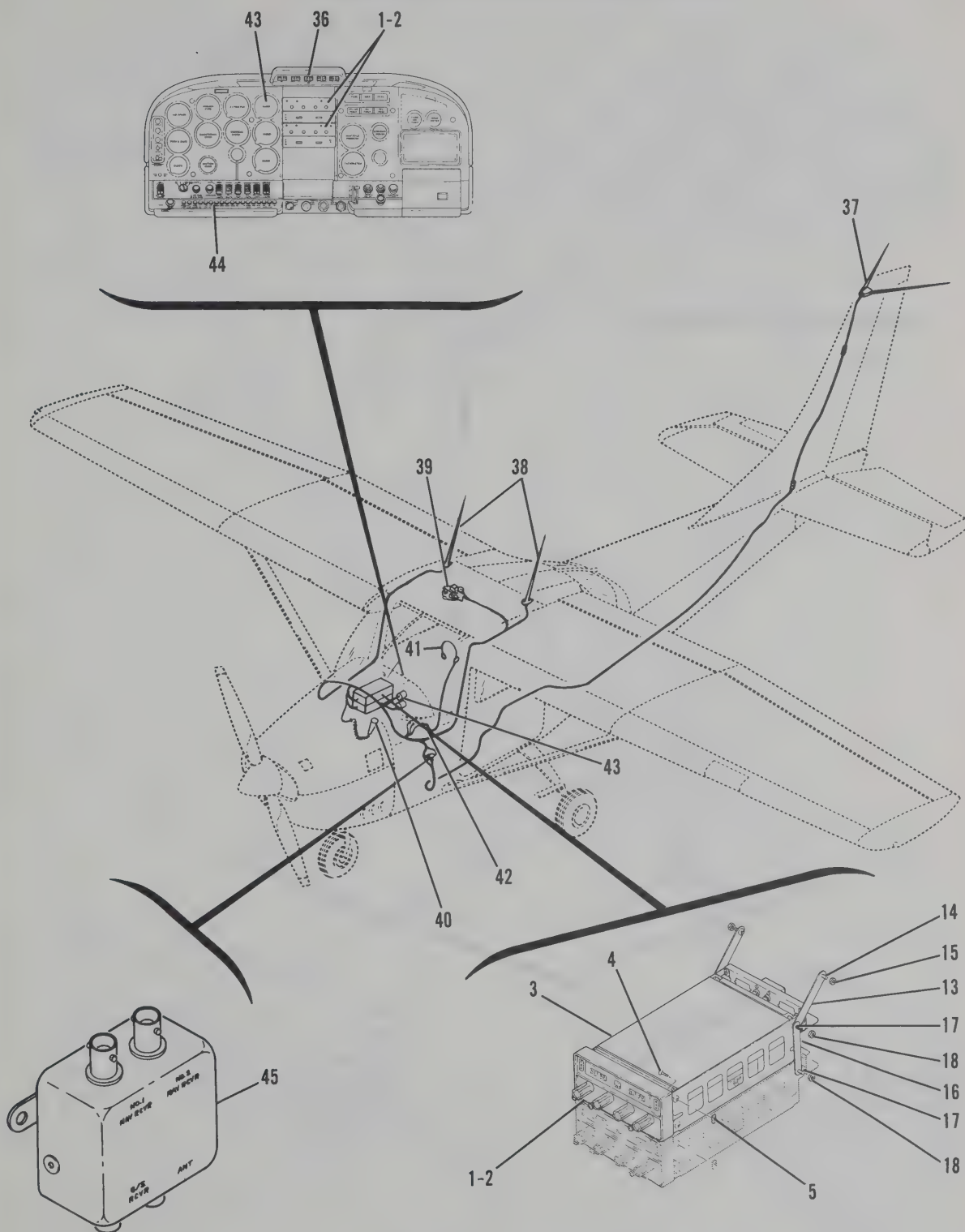
CESSNA 300 NAV/COM RADIO INSTALLATION



**177RG SERIAL 177RG0163 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-23. Cessna 300 Nav/Com (Type RT-508A) Radio Installation (Sheet 1 of 4)

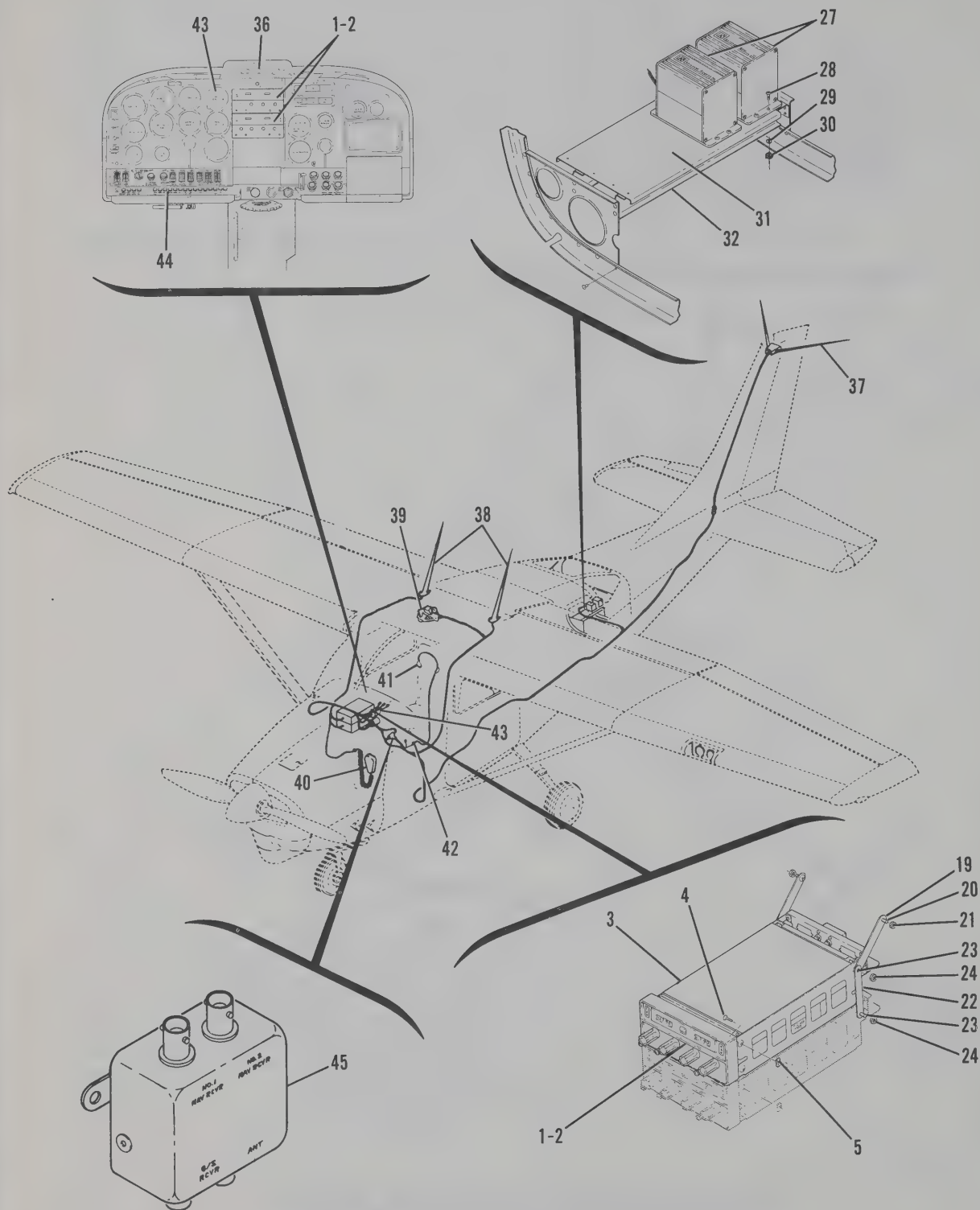
CESSNA 300 NAV/COM RADIO INSTALLATION



182 SERIAL 18260632 & ON
A182 SERIAL A182-0137 & ON

Figure 1-23. Cessna 300 Nav/Com (Type RT-508A) Radio Installation (Sheet 2 of 4)

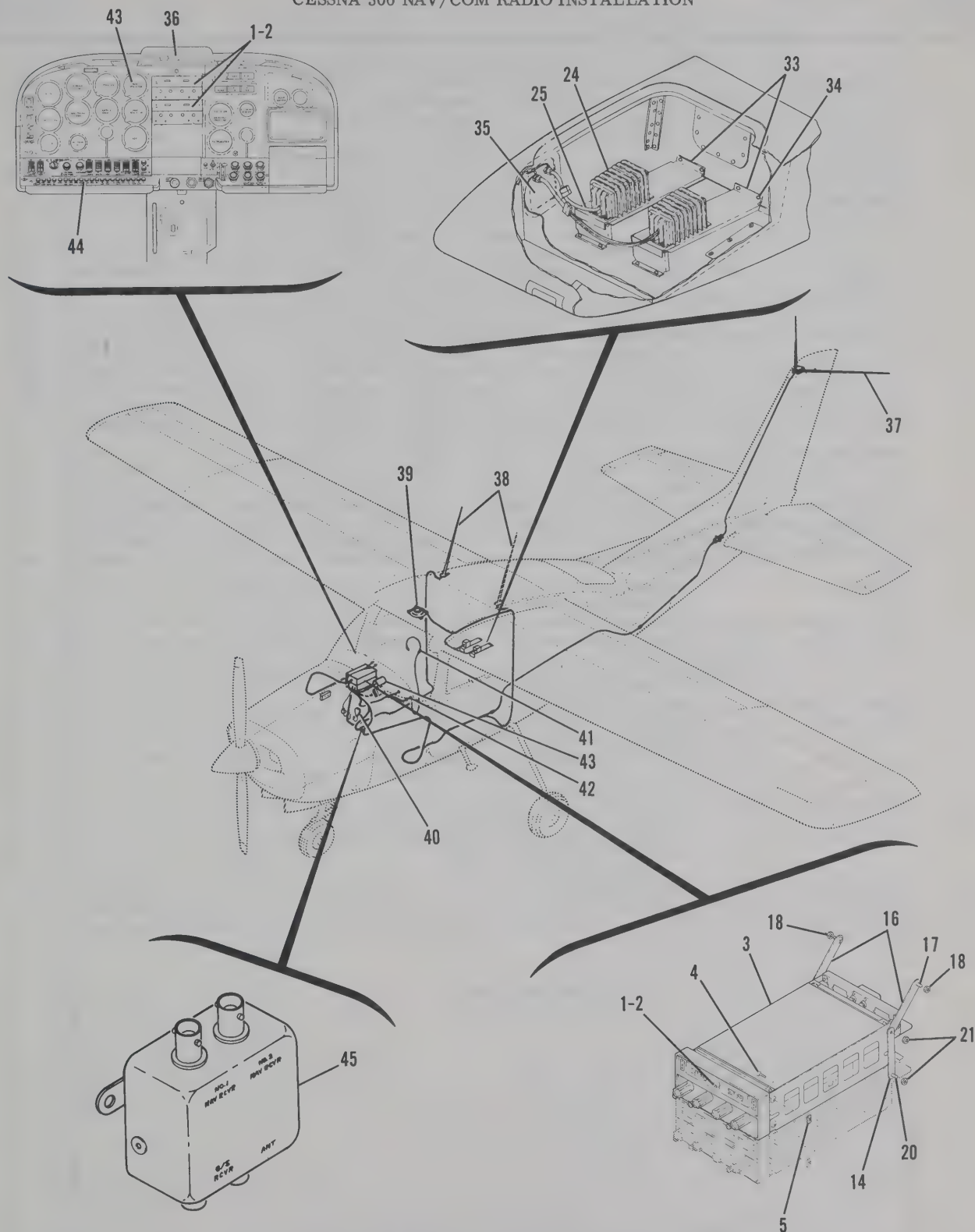
CESSNA 300 NAV/COM RADIO INSTALLATION



U206 SERIAL U20601657 & ON

Figure 1-23. Cessna 300 Nav/Com (Type RT-508A) Radio Installation (Sheet 3 of 4)

CESSNA 300 NAV/COM RADIO INSTALLATION



210 SERIAL 21059450 & ON
T210 SERIAL T21059450 & ON

Figure 1-23. Cessna 300 Nav/Com (Type RT-508A) Radio Installation (Sheet 4 of 4)

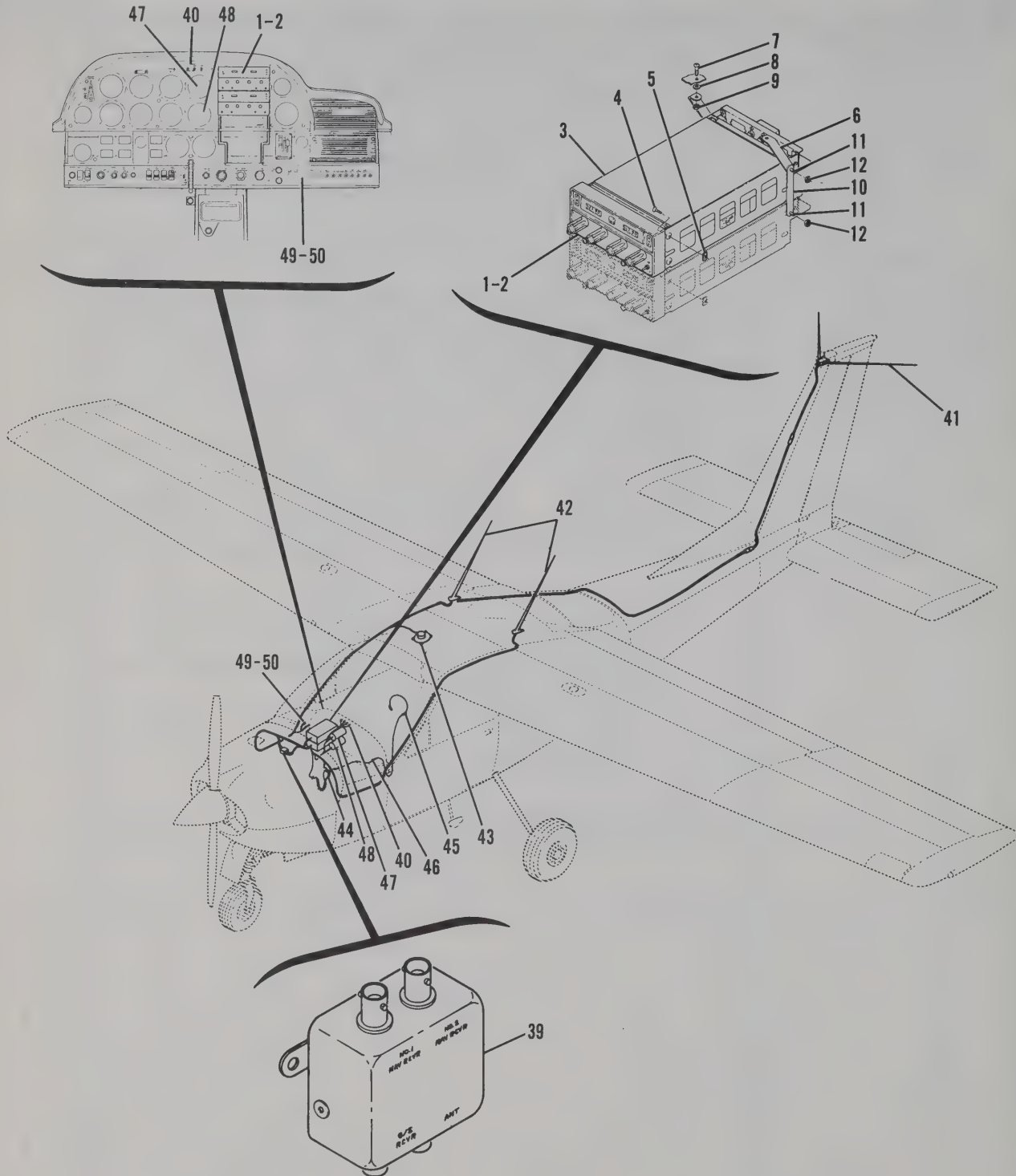
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-23-		CESSNA 300 NAV/COM RADIO INSTALLATION 100 CH - TYPE RT-508A- MID 1971 & ON ALL MODELS EXCEPT 337 SERIES	NP	
- 1	39360-1014 *	TRANSCEIVER 100 CHANNEL 14 VOLTS BLACK FACEPLATE-	1	A
- 2	39360-1114 *	WHEN EXHAUSTED USE 39360-1114 ARC	1	B
- 3	40550	TRANSCEIVER 100 CHANNEL 14 VOLTS LIGHT SHADOW --- GREY FACEPLATE ARC	1	
- 4	S1022Z6-6	MOUNTING DOES NOT INCLUDE CONNECTORS ARC -----	4	
- 5	NAS446-2-3	ATTACHING PARTS	4	
- 6	1713125-1	SCREW ----- NUT ----- ---*---	2	
- 7	AN507-832R8	SUPPORT STRAP - RADIO 177RG ONLY -----	2	
- 8	AN960-8	ATTACHING PARTS	2	
- 9	NAS679A08	SCREW CHG LENGTH AS REQD ----- WASHER AS REQD FOR SHIM ----- NUT -----	2	
-10	1270465-3	---*---	2	
-11	AN507-632R8	SUPPORT STRAP - RADIO 177RG ONLY -----	4	
-12	NAS679A06	ATTACHING PARTS	4	
-13	1270465-8	SCREW ----- NUT ----- ---*---	2	
-14	AN507-632R8	SUPPORT STRAP - RADIO 182 ONLY -----	2	
-15	NAS679A06	ATTACHING PARTS	2	
-16	1270465-9	SCREW ----- NUT ----- ---*---	2	
-17	AN507-632R8	SUPPORT STRAP - RADIO 182 ONLY -----	4	
-18	NAS679A06	ATTACHING PARTS	4	
-19	1270465-11	SCREW ----- NUT ----- ---*---	2	
-20	AN507-632R8	SUPPORT STRAP - RADIO U206 & 210 SERIES ONLY -----	2	
-21	NAS679A06	ATTACHING PARTS	2	
-22	1270465-10	SCREW ----- NUT ----- ---*---	2	
-23	AN507-632R8	SUPPORT STRAP - RADIO U206 & 210 SERIES ONLY -----	2	
-24	NAS679A06	ATTACHING PARTS	2	
-25	41010	SCREW ----- NUT ----- ---*---	1	B
-26	AN515-6R10	VOLTAGE CONVERTER TYPE P-528A 24 VOLT AFCT ONLY ----- ARC ALTERNATE PART IS 0362 ADAV	4	
-27	MODEL0362	ATTACHING PARTS	1	
-28	AN515-10R8	SCREW -----	2	
-29	AN936A10	WASHER -----	2	
-30	MS21044N3	NUT ----- ---*---	2	

CONTINUED ON NEXT PAGE

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-23-	ME026550A-1	SHELF ASSY -----	1	
-31	1260652-1	BRACKET ASSY - 206 SERIES ONLY -----	1	
-32	ME026550A-2	SHELF -----	1	
-33	1270703-3	RADIO SUPPORT ASSY 210 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
-34	AN515-8R6	SCREW -----	4	
		-----*		
-35	1212248-7	PLATE USED ON SINGLE RADIO INSTL ONLY -----	1	
		210 SERIES ONLY -----		
	1212248-8	PLATE USED ON DUAL RADIO INSTL ONLY -----	1	
		210 SERIES ONLY -----		
		ATTACHING PARTS -----		
	1212253-2	SEAL -----	1	
	AN515-8R6	SCREW -----	4	
		-----*		
-36	SEE SEC 4	TRANSMITTER SELECTOR SWITCH & AUDIO AMPLIFIER INSTL -----	1	
-37	SEE FIG 3-8	OMNI ANTENNA INSTALLATION -----	1	
-38	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
-39	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-40	SEE FIG 4-7	MICROPHONE INSTALLATION -----	1	
-41	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-42	SEE FIG 4-9	PHONE JACK INSTALLATION -----	1	
-43	31640-0000	INDICATOR - VOR/LOC TYPE IN-514R ARC -----	1	
		ATTACHING PARTS -----		
		SCREW -----	3	
		-----*		
-44	S1360-10	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	A
	S1360-10L	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	B
	S1360-5L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY WITHOUT NUT -----	1	B
	S2122-1	NUT - DECORATIVE CKT BKR -----	1	B
-45	S2086-1	ANTENNA COUPLER REQUIRED ONLY WITH DUAL RADIOS -----	1	
NOTES 1. REFER TO THE APPROPRIATE PARTS CATALOG FOR RADIO DIMMING RHEOSTAT AND KNOB. 2. REFER TO SECTION VII IN THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO SPECIFIC MODELS. * RADIO COOLING MUST BE INSTALLED WITH THE 508A NAV/COM SYSTEM. SEE FIGURE 5-1 OF THIS MANUAL THE APPROPRIATE INSTALLATION. A---THRU 1971 MODELS ONLY B---1972 & ON MODELS ONLY				

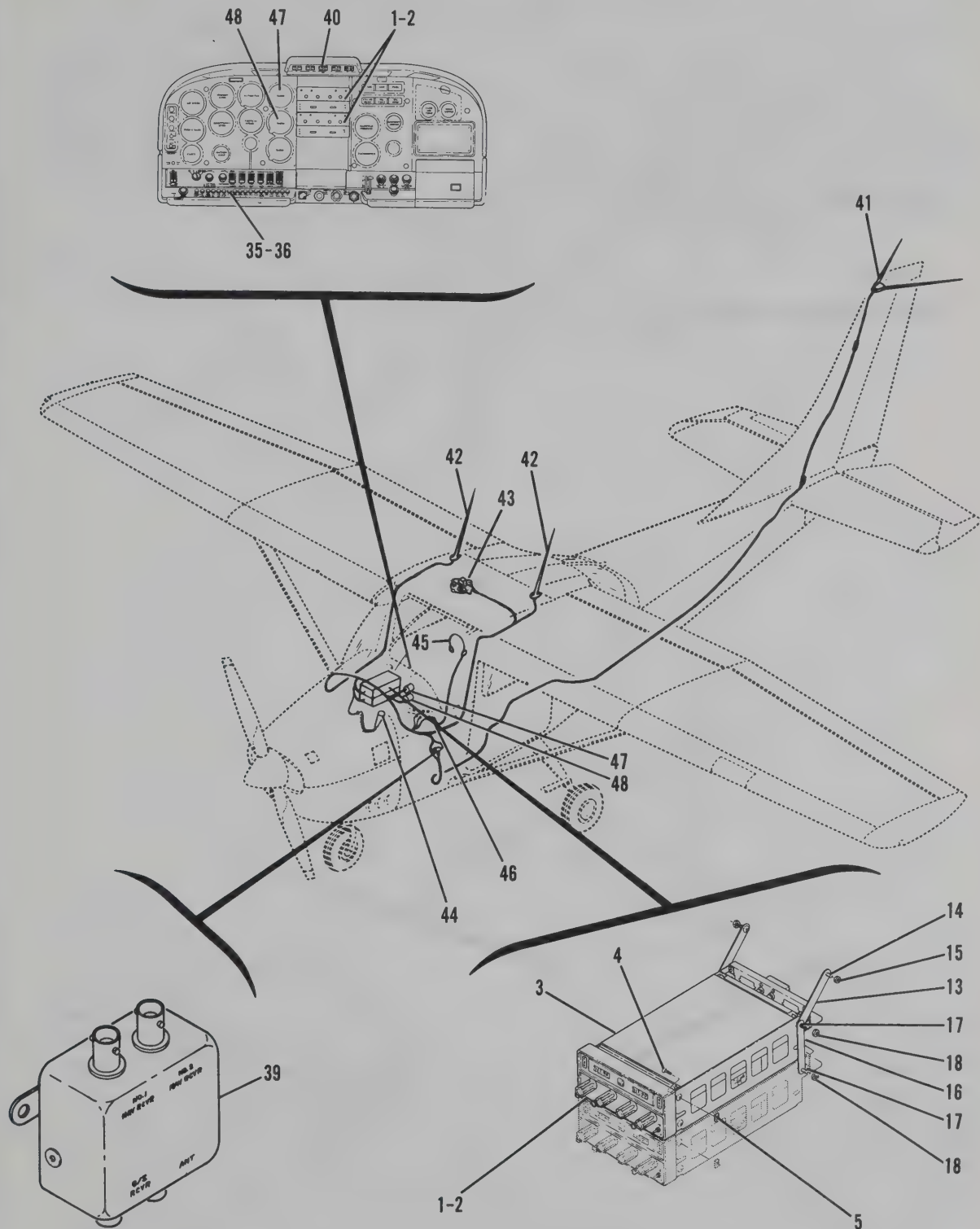
CESSNA 300 NAV/COM RADIO INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 1-24. Cessna 300 Nav/Com (Type RT-528A) Radio Installation (Sheet 1 of 5)

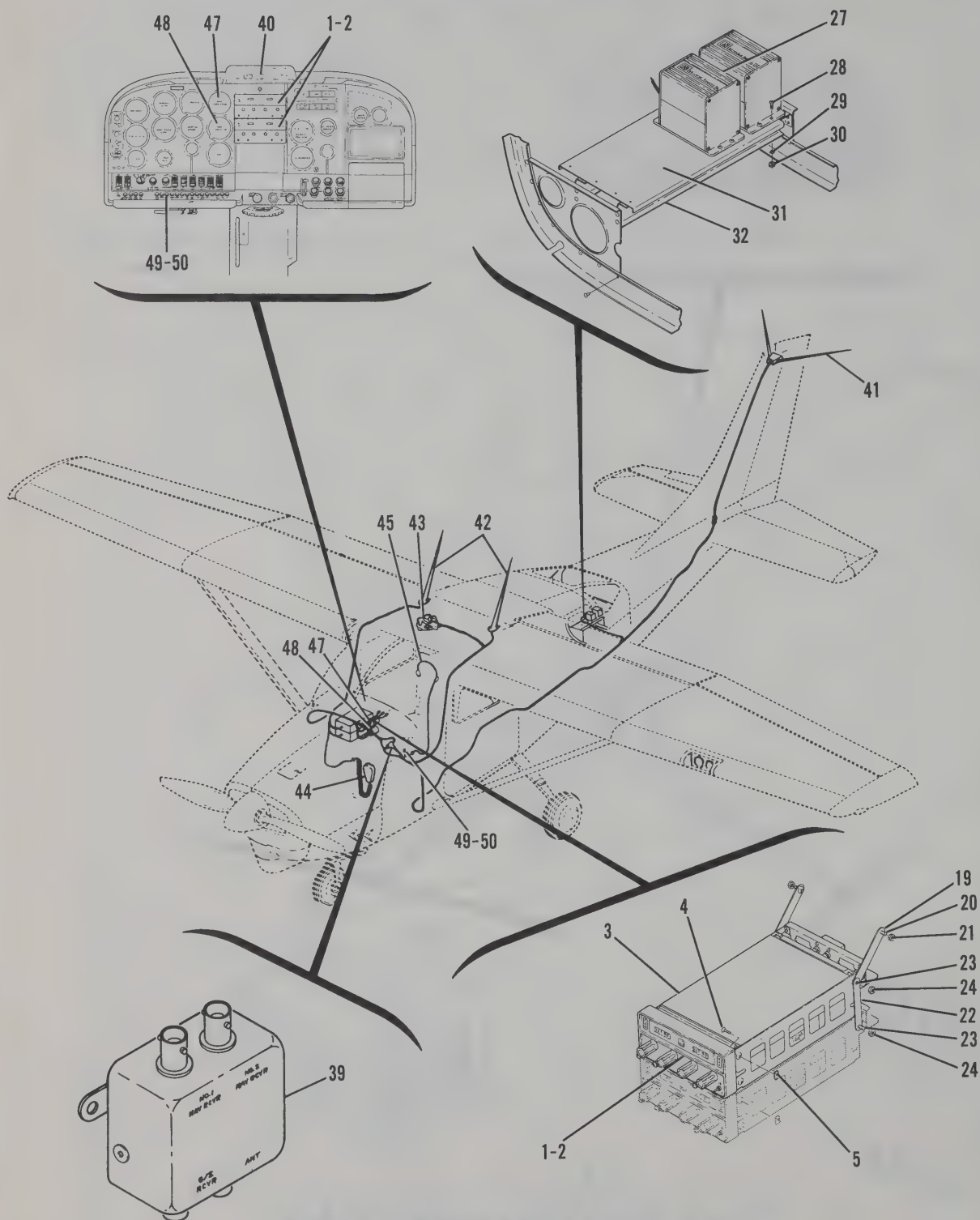
CESSNA 300 NAV/COM RADIO INSTALLATION



**182 SERIAL 18260446 & ON
A182 SERIAL A182-0137 & ON**

Figure 1-24. Cessna 300 Nav/Com (Type RT-528A) Radio Installation (Sheet 2 of 5)

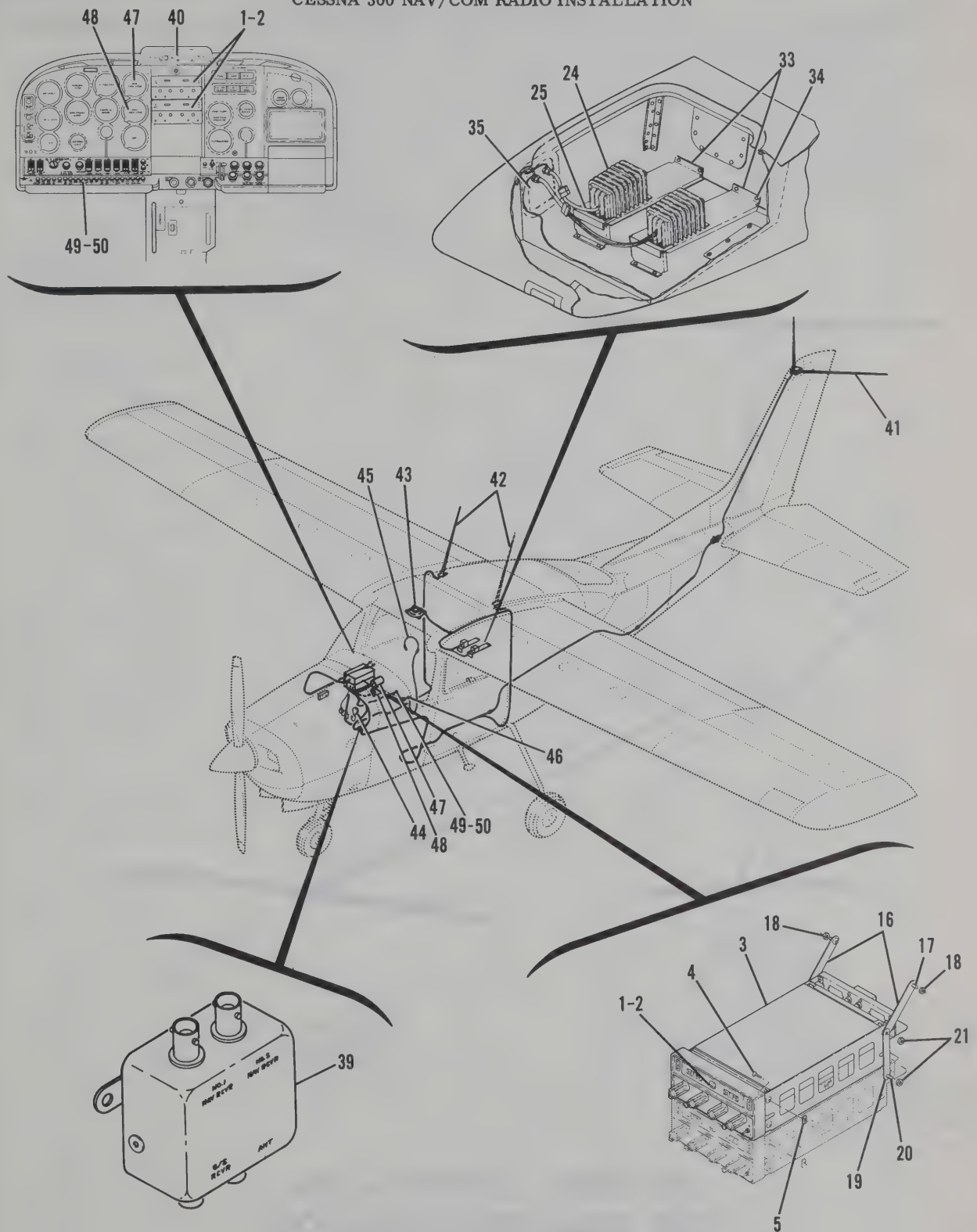
CESSNA 300 NAV/COM RADIO INSTALLATION



U206 SERIAL U20601588 & ON

Figure 1-24. Cessna 300 Nav/Com (Type RT-528A) Radio Installation (Sheet 3 of 5)

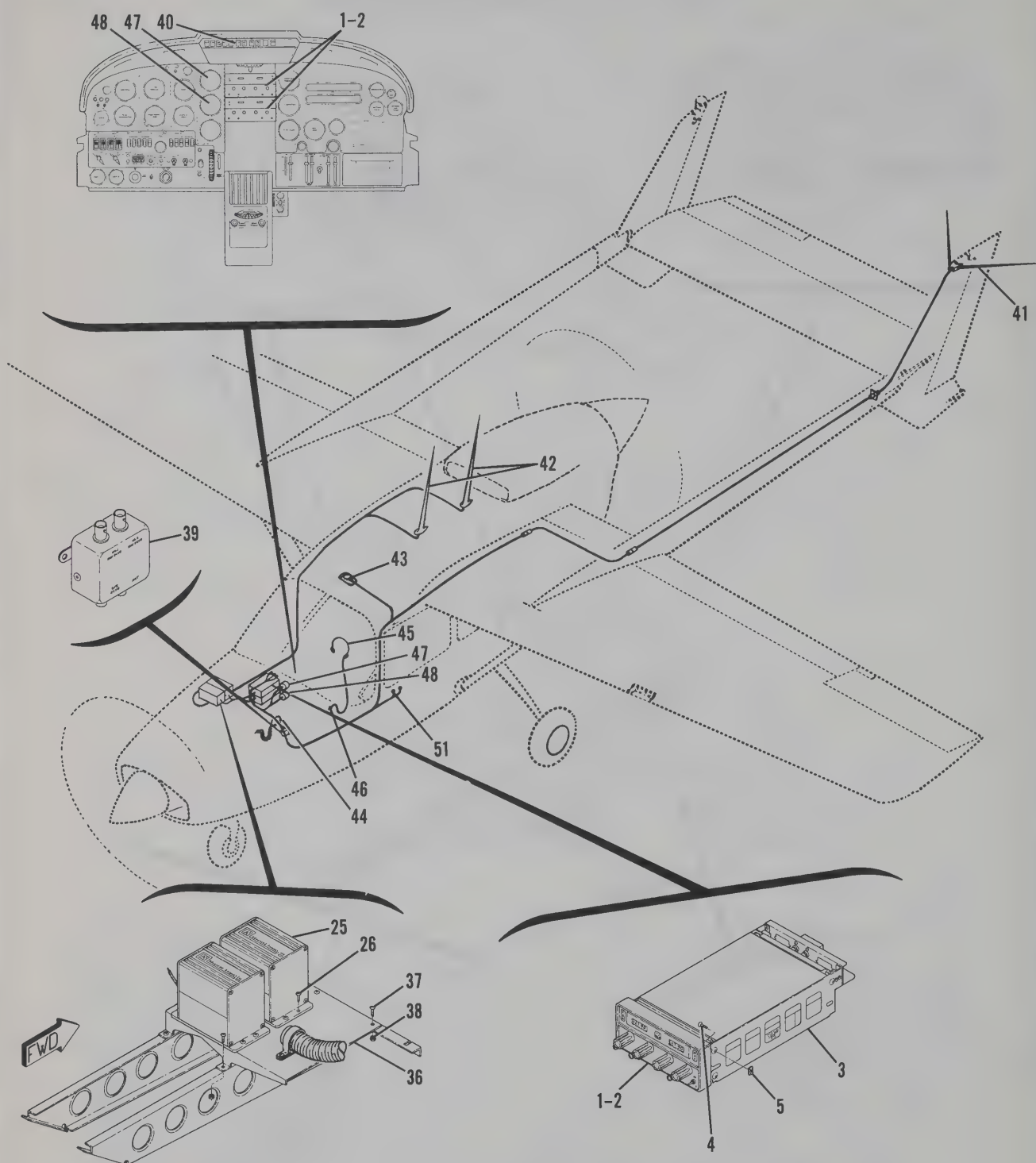
CESSNA 300 NAV/COM RADIO INSTALLATION



**210 SERIAL 21059352 & ON
T210 SERIAL T21059352 & ON**

Figure 1-24. Cessna 300 Nav/Com (Type RT-528A) Radio Installation (Sheet 4 of 5)

CESSNA 300 NAV/COM RADIO INSTALLATION



337 SERIAL 33701317 & ON
T337 SERIAL T33701317 & ON
F337 SERIAL F33700025 & ON

Figure 1-24. Cessna 300 Nav/Com (Type RT-528A) Radio Installation (Sheet 5 of 5)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION						UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6		
1-24-		CESSNA 300 NAV/COM RADIO INSTALLATION 360 CH - TYPE RT-528A- MID 1971 & ON ALL MODELS						NP	
- 1	39380-1014	*	TRANSCEIVER	360 CHANNEL	14 VOLTS	BLACK FACEPLATE-		1	A
- 2	39380-1114	*	WHEN EXHAUSTED USE 39380-1114						
- 3	40550		TRANSCEIVER	360 CHANNEL	14 VOLTS	LIGHT SHADOW ---		1	B
- 4	S102276-6		GREY FACEPLATE						
- 5	NAS446-2-3		MOUNTING	DOES NOT INCLUDE CONNECTORS	ARC -----			1	
- 6	1713125-1		ATTACHING PARTS						
- 7	AN507-832R8		SCREW	CHG LENGTH AS REQD	-----			4	
- 8	AN960-8		NUT		-----			4	
- 9	NAS679A08		-----*						
- 10	1270465-3		SUPPORT STRAP - RADIO	177RG ONLY	-----			2	
- 11	AN507-632R8		ATTACHING PARTS						
- 12	NAS679A06		SCREW		-----			2	
- 13	1270465-8		NUT		-----			4	
- 14	AN507-632R8		-----*						
- 15	NAS679A06		SUPPORT STRAP - RADIO	182 ONLY	-----			2	
- 16	1270465-9		ATTACHING PARTS						
- 17	AN507-632R8		SCREW		-----			2	
- 18	NAS679A06		NUT		-----			2	
- 19	1270465-11		-----*						
- 20	AN507-632R8		SUPPORT STRAP - RADIO	U206 & 210 SERIES ONLY	-----			2	
- 21	NAS679A06		ATTACHING PARTS						
- 22	1270465-10		SCREW		-----			2	
- 23	AN507-632R8		NUT		-----			2	
- 24	NAS679A06		-----*						
- 25	41010		SUPPORT STRAP - RADIO	U206 & 210 SERIES ONLY	-----			2	
- 26	AN515-6R10		ATTACHING PARTS						
- 27	MODEL0362		SCREW		-----			2	
- 28	AN515-10R8		NUT		-----			2	
- 29	AN936A10		-----*						
- 30	MS21044N3		VOLTAGE CONVERTER	TYPE P-528A	24 VOLT ACFT ONLY	----		1	B
			ARC	ALTERNATE PART IS 0362	HPK				
			ATTACHING PARTS						
			SCREW	210 & 337 ONLY	-----			4	
			-----*						
			VOLTAGE CONVERTER	TYPE 528	HPK	-----		1	
			206 SERIES WITH 24 VOLT ONLY						
			ATTACHING PARTS						
			SCREW		-----			4	
			WASHER		-----			4	
			NUT		-----			4	
			-----*						

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Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-24-	ME026550A-1	SHELF ASSY - 206 SERIES ONLY -----	1	
-31	1260652-1	BRACKET ASSY -----	1	
-32	ME026550A-2	SHELF -----	1	
-33	1270703-3	RADIO SUPPORT ASSY 210 SERIES ONLY ----- ATTACHING PARTS	1	
-34	AN515-8R6	SCREW ----- -----*	4	
-35	1212248-7	PLATE USED ON SINGLE RADIO INSTL ONLY ----- 210 SERIES ONLY	1	
	1212248-8	PLATE USED ON DUAL RADIO INSTL ONLY ----- 210 SERIES ONLY ATTACHING PARTS	1	
	1212253-2	SEAL -----	1	
	AN515-8R6	SCREW ----- -----*	4	
-36	1570212-3	SUPPORT ASSY 337 SERIES ONLY -----	1	
-37	AN515-8R8	SCREW -----	5	
-38	NAS679A08	NUT ----- -----*	5	
-39	S2086-1	ANTENNA COUPLER REQUIRED ONLY WITH DUAL RADIOS -----	1	
-40	SEE SEC 4	TRANSMITTER SELECTOR SWITCH & AUDIO AMPLIFIER INSTL -----	1	
-41	SEE FIG 3-8	OMNI ANTENNA INSTALLATION -----	1	
-42	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
-43	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-44	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-45	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-46	SEE FIG 4-9	PHONE JACK INSTALLATION -----	1	
-47	31640-0000	INDICATOR - VOR/LOC TYPE IN-514R ARC -----	1	
-48	32350-0000	INDICATOR - VOR/ILS TYPE IN-525A ARC ----- ATTACHING PARTS SCREW ----- -----*	1 3	
-49	S1360-10	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	A
-50	S1360-10L	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY WITHOUT NUT ---	1	B
-51	S1360-5L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY WITHOUT NUT ---	1	B
	S2122-1	NUT - DECORATIVE CKT BKR USED ONLY WITH ITEMS 36 & 37 ---	1	B
NOTES 1. REFER TO THE APPROPRIATE PARTS CATALOG FOR RADIO DIMMING RHEOSTAT AND KNOB. 2. REFER TO SECTION VII IN THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO SPECIFIC MODELS. * RADIO COOLING MUST BE INSTALLED WITH THE 528A NAV/COM SYSTEM. SEE FIGURE 5-1 OF THIS MANUAL FOR THE APPROPRIATE INSTALLATION. A---THRU 1971 MODELS ONLY B---1972 & ON MODELS ONLY				

CESSNA NAV-O-MATIC 400A INSTALLATION

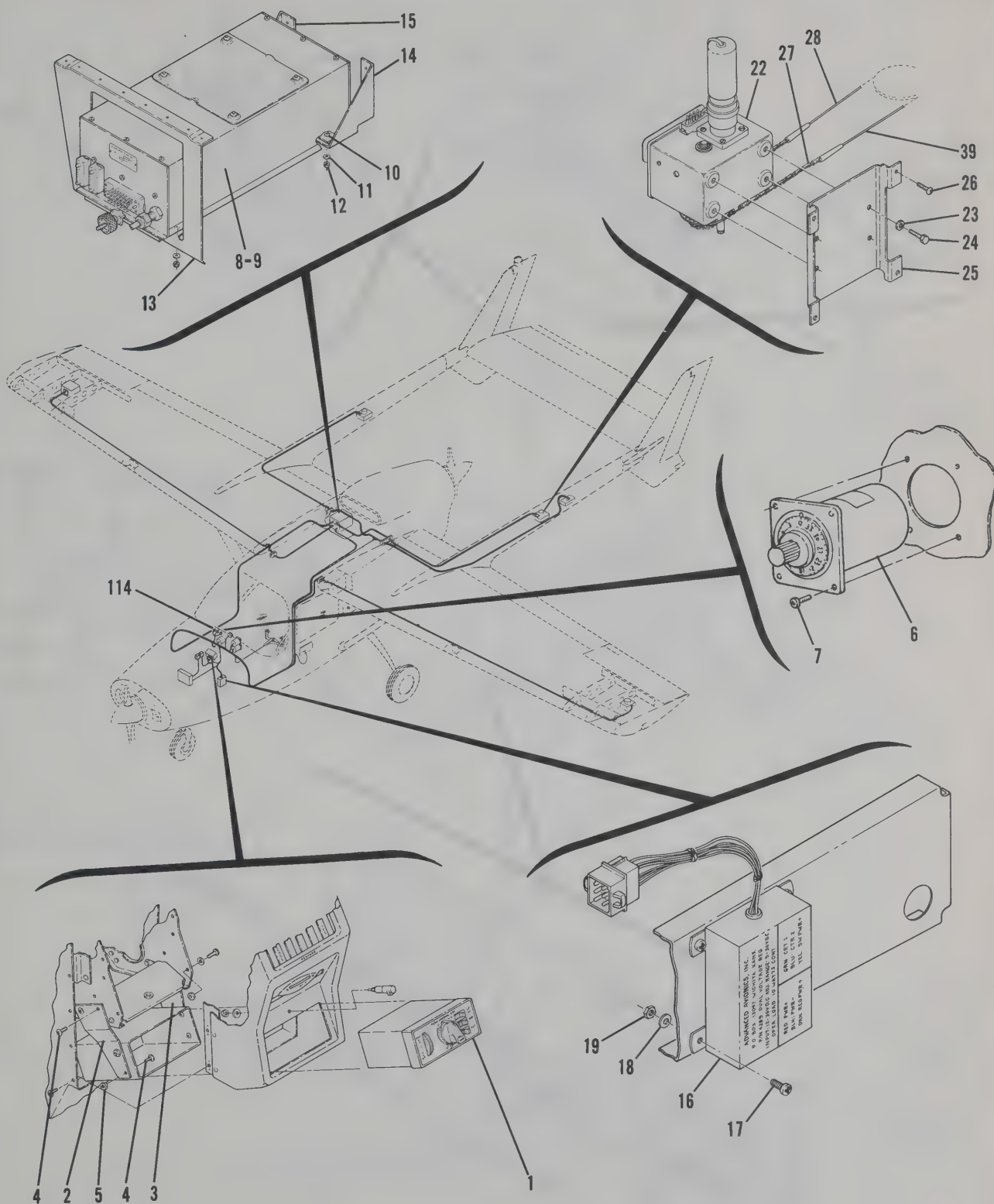


Figure 1-25. Cessna Nav-O-Matic 400A Installation - Model 337 Series Only (Sheet 1 of 5)

CESSNA NAV-O-MATIC 400A INSTALLATION

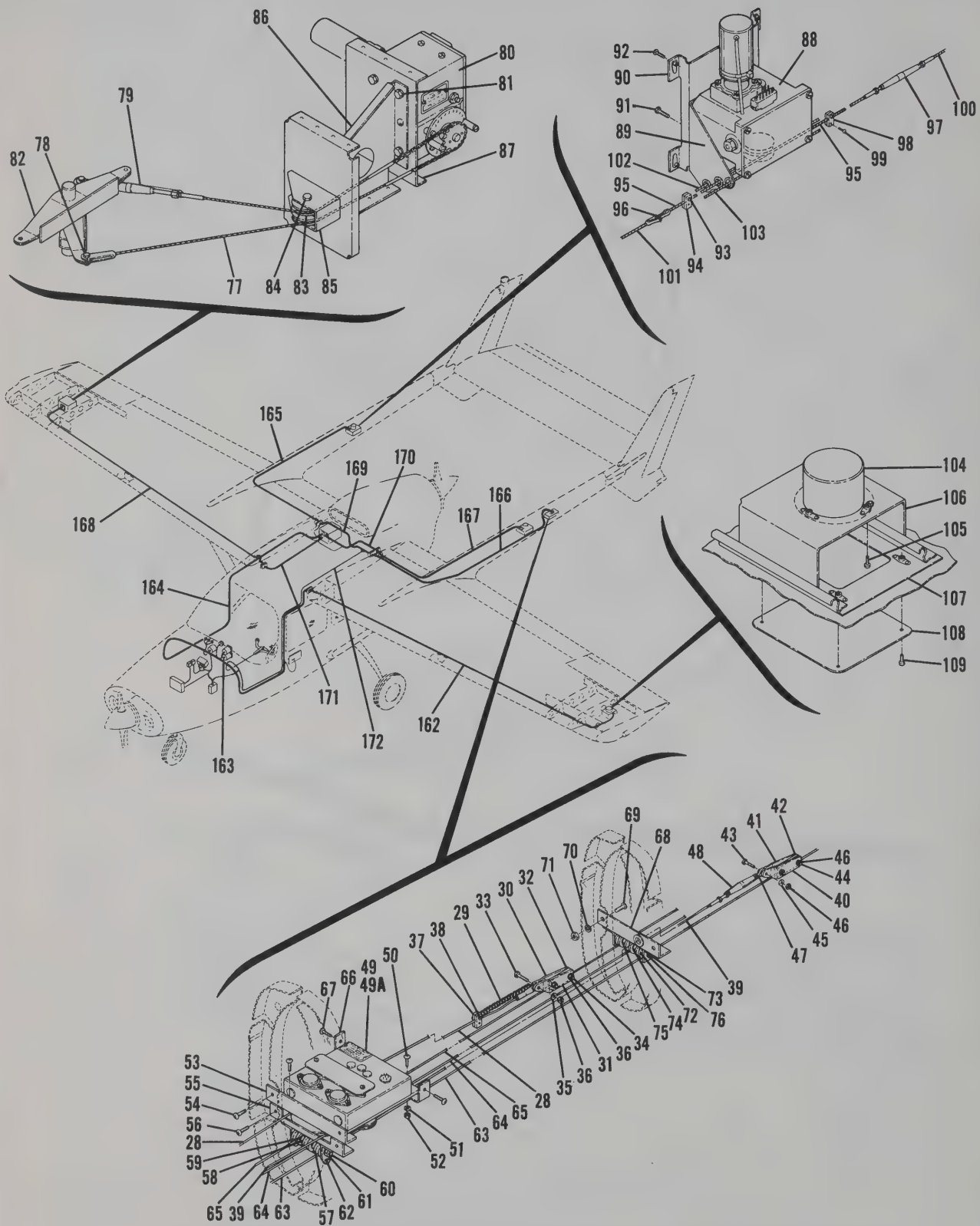


Figure 1-25. Cessna Nav-O-Matic 400A Installation - Model 337 Series Only (Sheet 2 of 5)

CESSNA NAV-O-MATIC 400A INSTALLATION

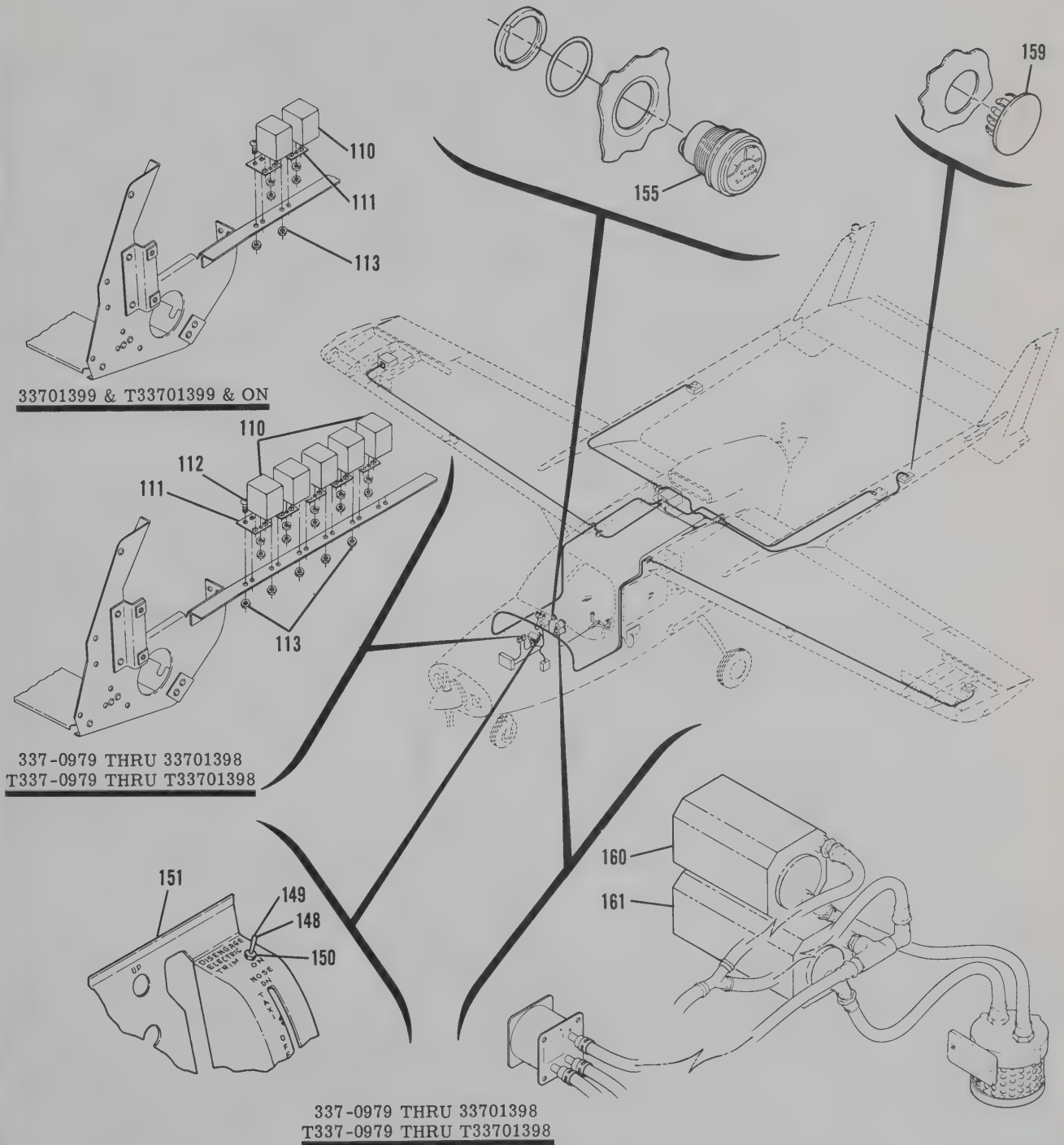


Figure 1-25. Cessna Nav-O-Matic 400A Installation - Model 337 Series Only (Sheet 3 of 5)

CESSNA NAV-O-MATIC 400A INSTALLATION

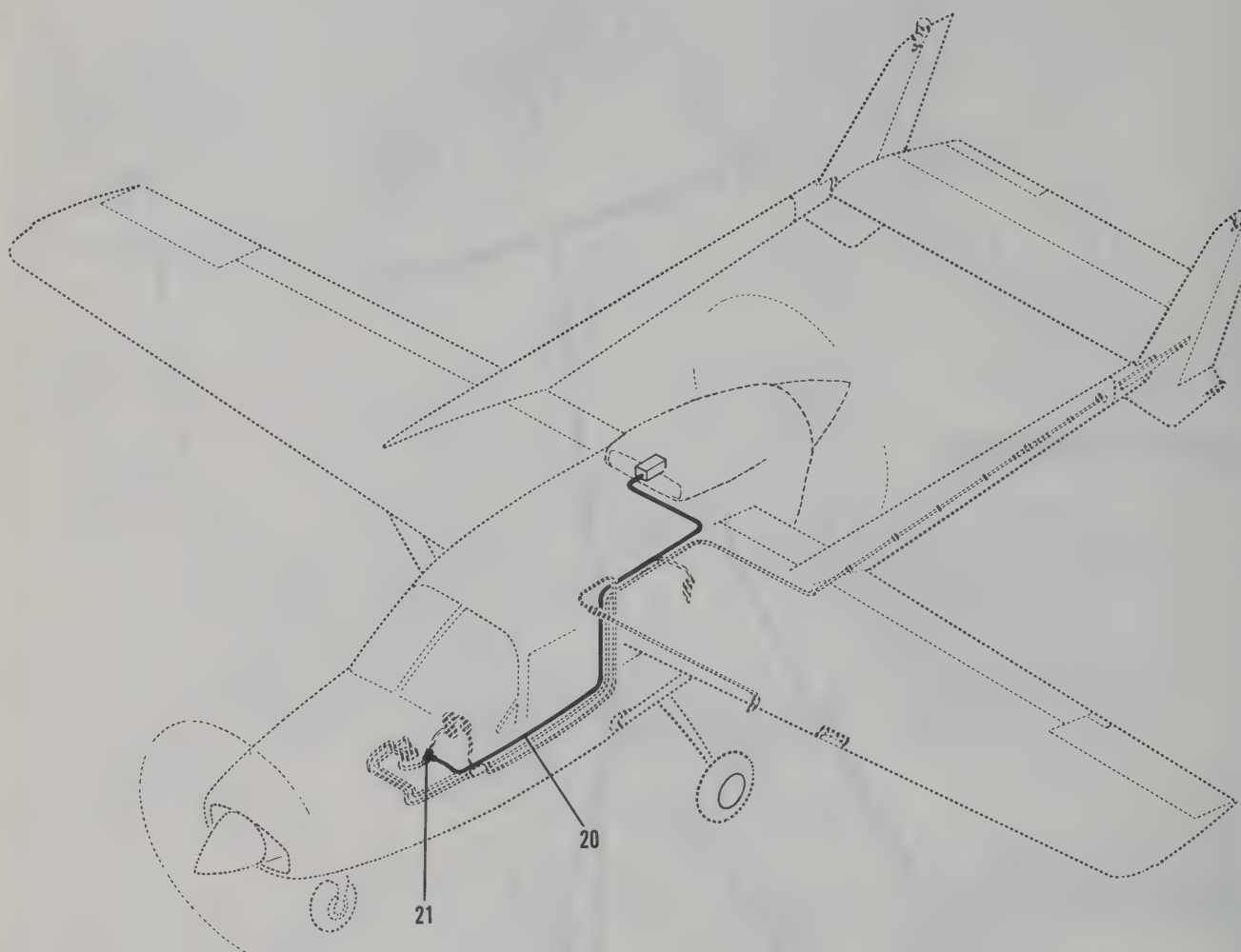


Figure 1-25. Cessna Nav-O-Matic 400A Installation - Model 337 Series Only (Sheet 4 of 5)

CESSNA NAV-O-MATIC 400A INSTALLATION

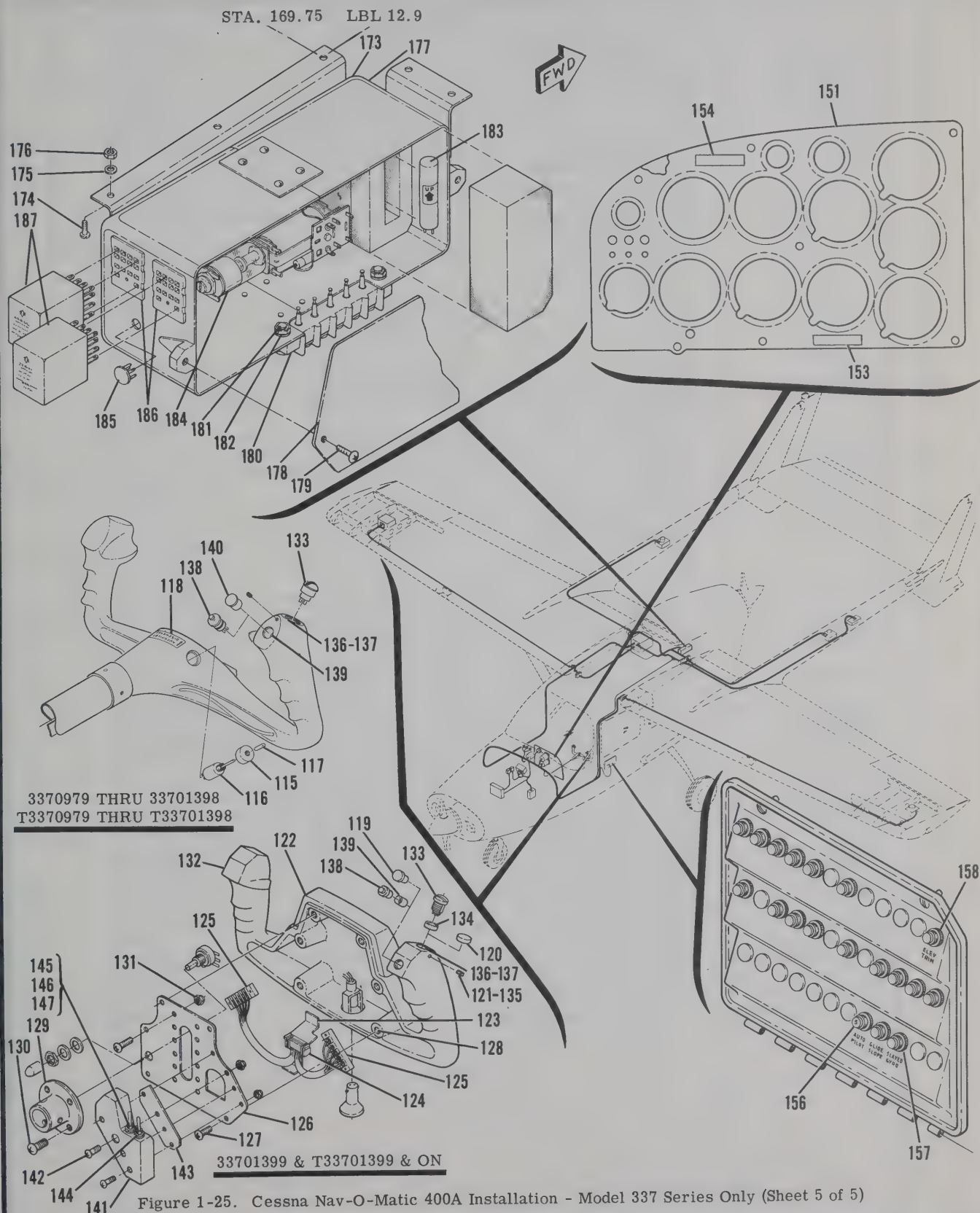


Figure 1-25. Cessna Nav-O-Matic 400A Installation - Model 337 Series Only (Sheet 5 of 5)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-25-		CESSNA 400A AUTO PILOT INSTALLATION ARC TYPE AF-530A -----	NP	
		1971 & ON MODEL 337 & T337 SERIES ONLY		
- 1	37960-1028	CONTROLLER TYPE C-530A ARC -----	1	
		ATTACHING PARTS		
- 2	1470066-24	BRACKET-LH -----	1	
- 3	1470066-23	BRACKET-RH -----	1	
- 4	AN507-632R6	SCREW -----	4	
- 5	NAS679A06	NUT -----	4	
		-----*		
- 6	40450-0000	HEADING SELECTOR TYPE S520A ARC -----	1	
		ATTACHING PARTS		
- 7	AN507-440R8	SCREW -----	4	
		-----*		
- 8	37970-0128	COMPUTER AMPLIFIER USED ONLY WHEN ILS CAPABILITY NOT ----	AR	
		REQUIRED		
- 9	37970-0028	COMPUTER AMPLIFIER USED ONLY WHEN ILS CAPABILITY -----	AR	
		REQUIRED		
		ATTACHING PARTS		
-10	AN515-6R8	SCREW -----	4	
-11	AN960-6	WASHER -----	4	
-12	NAS679A06	NUT -----	4	
		-----*		
-13	1570221-1	BRACKET -----	1	
-14	1570221-2	SUPPORT -----	1	
-15	1570221-3	SUPPORT -----	1	
-16	4285	VOLTAGE REGULATOR ADAV -----	1	
		ATTACHING PARTS		
-17	AN515-6R8	SCREW -----	4	
-18	AN960-6	WASHER -----	4	
-19	NAS679A06	NUT -----	4	
		-----*		
-20	S1071-1	TUBE LENGTH 20 FEET BKI -----	AR	
-21	S1137-1	TEE -----	1	
		ATTACHING PARTS		
	S1131-1	INSERT -----	2	
	S1130-1	NUT -----	2	
		-----*		
-22	35070-0128	PITCH ACTUATOR ARC -----	1	
		ATTACHING PARTS		
-23	AN960-10L	WASHER -----	4	
-24	AN3-4A	BOLT -----	4	
		-----*		
-25	1570219-1	BRACKET ASSY -----	1	
		ATTACHING PARTS		
-26	AN525-832R8	SCREW -----	4	
		-----*		
-27	1560100-39	CHAIN -----	1	
-28	1560100-36	CABLE ASSY -----	1	
		ATTACHING PARTS		
-29	1470066-54	SPRING -----	1	
-30	1470066-34	LINK -----	1	
-31	1470066-35	LINK -----	1	
-32	0861520-1	CLAMP HALF -----	2	
-33	AN3-6A	BOLT -----	1	
-34	AN3-10A	BOLT -----	2	
-35	AN960-10	WASHER -----	3	
-36	MS21044N3	NUT -----	3	
		-----*		
-37	1460326-1	STOP BLOCK -----	2	
		ATTACHING PARTS		
-38	AN502-10-6	SCREW -----	2	
		-----*		

CONTINUED ON NEXT PAGE

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-25-39	1560100-38	CABLE ASSY ----- ATTACHING PARTS -----	1	
-40	1470066-34	LINK -----	1	
-41	1470066-35	LINK -----	1	
-42	0861520-1	CLAMP HALF -----	2	
-43	AN3-6A	BOLT -----	1	
-44	AN3-10A	BOLT -----	2	
-45	AN960-10	WASHER -----	3	
-46	MS21044N3	NUT -----	3	
-47	AN165-16RS	END -----	1	
-48	AN155B-16S	BARREL ----- -----*	1	
-49	37580-1038	PITCH TRIM SENSOR TYPE DT-520A ARC -----	1	A
-49A	37580-0014	PITCH TRIM SENSOR TYPE DT-520A ARC ----- ATTACHING PARTS -----	1	B
-50	AN520-10R8	SCREW -----	4	
-51	AN960-10L	WASHER -----	4	
-52	MS21044N3	NUT ----- -----*	4	
-53	1570217-1	SUPPORT ASSY ----- ATTACHING PARTS -----	1	
-54	AN520-10R10	SCREW ----- -----*	2	
-55	1570218-1	BRACKET ASSY ----- ATTACHING PARTS -----	1	
-56	AN520-10R10	SCREW ----- -----*	2	
-57	S1710-1	PULLEY ----- ATTACHING PARTS -----	3	
-58	0411783	BUSHING -----	3	
-59	NAS43DD3-16	SPACER -----	2	
-60	AN960-10L	WASHER -----	7	
-61	AN3-24A	BOLT -----	1	
-62	MS21044N3	NUT -----	1	
-62	MS24665-294	COTTER PIN ----- -----*	1	
-63	1460100-12	CABLE ASSY ELEVATOR DOWN -----	REF	
-64	1460100-21	CABLE ASSY RUDDER -----	REF	
-65	1460100-11	CABLE ASSY ELEVATOR UP -----	REF	
-66	1570217-3	SUPPORT ASSY ----- ATTACHING PARTS -----	1	
-67	AN520-10R8	SCREW ----- -----*	2	
-68	1570223-1	BRACKET ----- ATTACHING PARTS -----	1	
-69	AN520-10R7	SCREW -----	2	
-70	AN960-10L	WASHER -----	2	
-71	MS21044N3	NUT ----- -----*	2	
-72	S1710-1	PULLEY ----- ATTACHING PARTS -----	3	
-73	AN3-29A	BOLT -----	1	
-74	AN960-10L	WASHER -----	7	
-75	NAS43DD3-12	SPACER -----	2	
-76	0411783	BUSHING -----	3	
-76	MS21044N3	NUT ----- -----*	1	
-77	1560008-8	CHAIN & CABLE ASSY ----- ATTACHING PARTS -----	1	
-78	AN3-5	BOLT -----	2	
	AN960C10L	WASHER -----	2	
	AN310-C3	NUT -----	2	
	MS24665-134	COTTER PIN -----	2	
-79	AN155B-16S	BARREL -----	1	
	AN161-16LS	FORK ----- -----*	1	

CONTINUED ON NEXT PAGE

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-25-80	35070-0028	ROLL ACTUATOR TYPE PA-500A ARC -----	1	
		ATTACHING PARTS -----		
-81	AN3-4A	BOLT -----	4	
	AN960-10	WASHER -----	4	
		---*---		
-82	1462000-2	BELLCRANK -----	1	
-83	S378-1	PULLEY -----	2	
		ATTACHING PARTS -----		
-84	AN3-12A	BOLT -----	1	
	NAS43HT3-15	SPACER -----	1	
	AN960-10L	WASHER -----	2	
		---*---		
-85	1560111-2	BRACKET ASSY -----	1	
-86	1570224-1	BRACKET -----	1	
-87	1422023-5	PLATE -----	1	
-88	40280-0028	TRIM ACTUATOR TYPE PA-520B ARC -----	1	
		ATTACHING PARTS -----		
-89	1570220-1	BRACKET ASSY -----	1	
	1570220-3	BRACKET ASSY OPPOSITE ITEM 90 -----	1	
-90	1570219-3	BRACKET ASSY -----	1	
-91	AN3-5A	BOLT -----	4	
-92	AN525-832R8	SCREW -----	4	
		---*---		
-93	1460326-1	STOP BLOCK -----	2	
		ATTACHING PARTS -----		
-94	AN502-10-6	SCREW -----	2	
		---*---		
-95	1560100-37	CABLE ASSY ELEVATOR UP -----	1	
		ATTACHING PARTS -----		
-96	MS20392-2C7	PIN -----	REF	
	AN960-10L	WASHER -----	REF	
	MS24665-132	COTTER PIN -----	REF	
-97	AN155B-8S	BARREL -----	REF	
		---*---		
-98	1460326-1	STOP BLOCK -----	2	
		ATTACHING PARTS -----		
-99	AN502-10-6	SCREW -----	2	
		---*---		
-100	1560100-27	CABLE ASSY ELEVATOR UP -----	REF	
-101	1560100-22	CABLE ASSY ELEVATOR UP -----	REF	
-102	1560100-23	CABLE ASSY ELEVATOR DOWN -----	REF	
-103	1460100-22	CABLE ASSY RUDDER -----	REF	
-104	38170-0000	FLUX DETECTOR TYPE CT-520A ARC -----	1	
		ATTACHING PARTS -----		
-105	AN515B8R8	SCREW -----	3	
		---*---		
-106	1522056-1	BRACKET ASSY -----	1	
-107	1522041-1	DOUBLER ASSY -----	1	
-108	1522042-1	DOOR -----	1	
		ATTACHING PARTS -----		
-109	AN507B832R8	SCREW -----	4	
		---*---		
-110	S1813-1	RELAY NON-SLAVED WITHOUT ILS -----	2	C
	S1813-1	RELAY SLAVED WITHOUT ILS -----	2	C
	S1813-1	RELAY ILS ONLY -----	5	C
	S1813-1	RELAY SLAVED & ILS -----	5	C
	S1813-1	RELAY USED ON ALL 400A AUTOPILOT SYSTEMS -----	2	D
		ATTACHING PARTS -----		
-111	1470085-2	BRACKET 1 REQUIRED WITH EACH RELAY -----	AR	
-112	AN515-6R6	SCREW 2 REQUIRED WITH EACH RELAY -----	AR	
-113	NAS679A06	SCREW 2 REQUIRED WITH EACH RELAY -----	AR	
		---*---		
-114	SEE SEC 4	TRANSMITTER SELECTOR SWITCHES & AUDIO JUNCTION BOX INSTL ----	1	
	1570215-20	CONTROL WHEEL ASSY -----	1	C
-115	1570215-7	COVER-AUTOPILOT DISENGAGE SWITCH -----	1	C
-116	T20057	SWITCH-AUTOPILOT DISENGAGE -----	1	C
-117	.112-8	CAP-YELLOW TRIMLINE -----	1	C
-118	1505023-1	PLACARD-AUTOPILOT DISENGAGE -----	1	C

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-25-	0760019-4	CONTROL WHEEL ASSY -----	1	D
-119	1270682-1	PLUG-MIKE SWITCH HOLE -----	1	D
-120	1560110-3	PLUG-TRIM SWITCH HOLE -----	1	D
-121	AN565B4	SCREW -----	1	D
-122	0760018-1	PAD-CONTROL WHEEL FACE -----	1	D
-123	0760022-1	BRACKET-CONNECTOR MOUNT -----	1	D
-124	255-10-30-190	CONNECTOR -----	1	D
-125	351-11-05-001	TERMINAL BLOCK -----	2	D
-126	0760016-2	PLATE -----	1	D
		ATTACHING PARTS		
-127	NAS221-9	SCREW -----	6	D
-128	MS21209-F1-20	INSERT -----	6	D
		-----*		
-129	0760017-2	ADAPTER -----	1	D
		ATTACHING PARTS		
-130	NAS221-11	SCREW -----	4	D
-131	MS21044N3	NUT -----	4	D
		-----*		
-132	0760015-3	CONTROL WHEEL -----	1	D
-133	S2030-1	SWITCH ELECTRIC TRIM -----	1	
		ATTACHING PARTS		
-134	1560110-1	ADAPTOR -----	1	
-135	AN565-B42	SCREW -----	1	
		-----*		
-136	1505003-3	PLACARD ELEC TRIM UP -----	1	
-137	1505003-2	PLACARD DN -----	1	
-138	S1985-1	SWITCH-MIKE KEYING -----	1	
-139	1270683-1	INSULATOR -----	1	
-140	1270682-1	PLUG-MIKE SWITCH HOLE -----	1	C
-141	1560337-2	HOUSING-TRIM & AUTOPILOT SWITCHES -----	1	D
		ATTACHING PARTS		
-142	AN515-6R7	SCREW -----	3	D
-143	1560337-3	STIFFENER -----	1	D
		-----*		
-144	7108SYZ	SWITCH AUTOPILOT DISENGAGE CANK -----	1	D
-145	S1695-2	SWITCH ELEC TRIM DISENGAGE -----	1	D
-146	C10	COVER-TOGGLE RED ALEM -----	1	D
-147	S1216-2	NUT-SWITCH -----	1	D
-148	S1695-2	SWITCH ELEC TRIM DISENGAGE -----	1	C
-149	C10	COVER-TOGGLE RED ALEM -----	1	C
-150	S1216-2	NUT-SWITCH -----	1	C
-151		UPR & LOWER INSTRUMENT PANEL COVERS -----	NP	
-152		MAP LIGHT & RHEOSTAT -----	NP	
-153	1400019-33	PLACARD ELECTRIC TRIM -----	1	A
	1400019-40	PLACARD ELECTRIC TRIM -----	1	B
-154	1400019-29	PLACARD LIMITATIONS -----	1	A
	1400019-38	PLACARD LIMITATIONS -----	1	B
-155	38530-0000	SLAVING METER 1N520B ARC -----	1	
-156	S1360-5	CIRCUIT BREAKER AUTOPILOT -----	1	C
	S1360-5L	CIRCUIT BREAKER AUTOPILOT WITHOUT NUT -----	1	D
-157	S1360-2	CIRCUIT BREAKER SLAVED GYRO USED WITH SLAVED OR -----	1	C
		SLAVED & ILS CAPABILITY ONLY		
	S1360-2L	CIRCUIT BREAKER SLAVED GYRO USED WITH SLAVED OR -----	1	D
		SLAVED & ILS CAPABILITY ONLY WITHOUT NUT		
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER USED ONLY WITH 1972 -----	1	D
		AND ON TYPE CIRCUIT BREAKERS SEE ITEMS 124 & 125		
-158	7271-8-3	CIRCUIT BREAKER ELECTRIC ELEVATOR TRIM AIMS -----	1	
-159	CM2692-28A15	PLUG BUTTON -----	1	
-160	37570-0001	ATTITUDE GYRO TYPE G-519A-1 WHEN EXHAUSTED USE -----	1	
		37570-0105 ARC		
		ATTACHING PARTS		
	AN520-6R10	SCREW -----	4	
		-----*		

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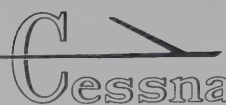
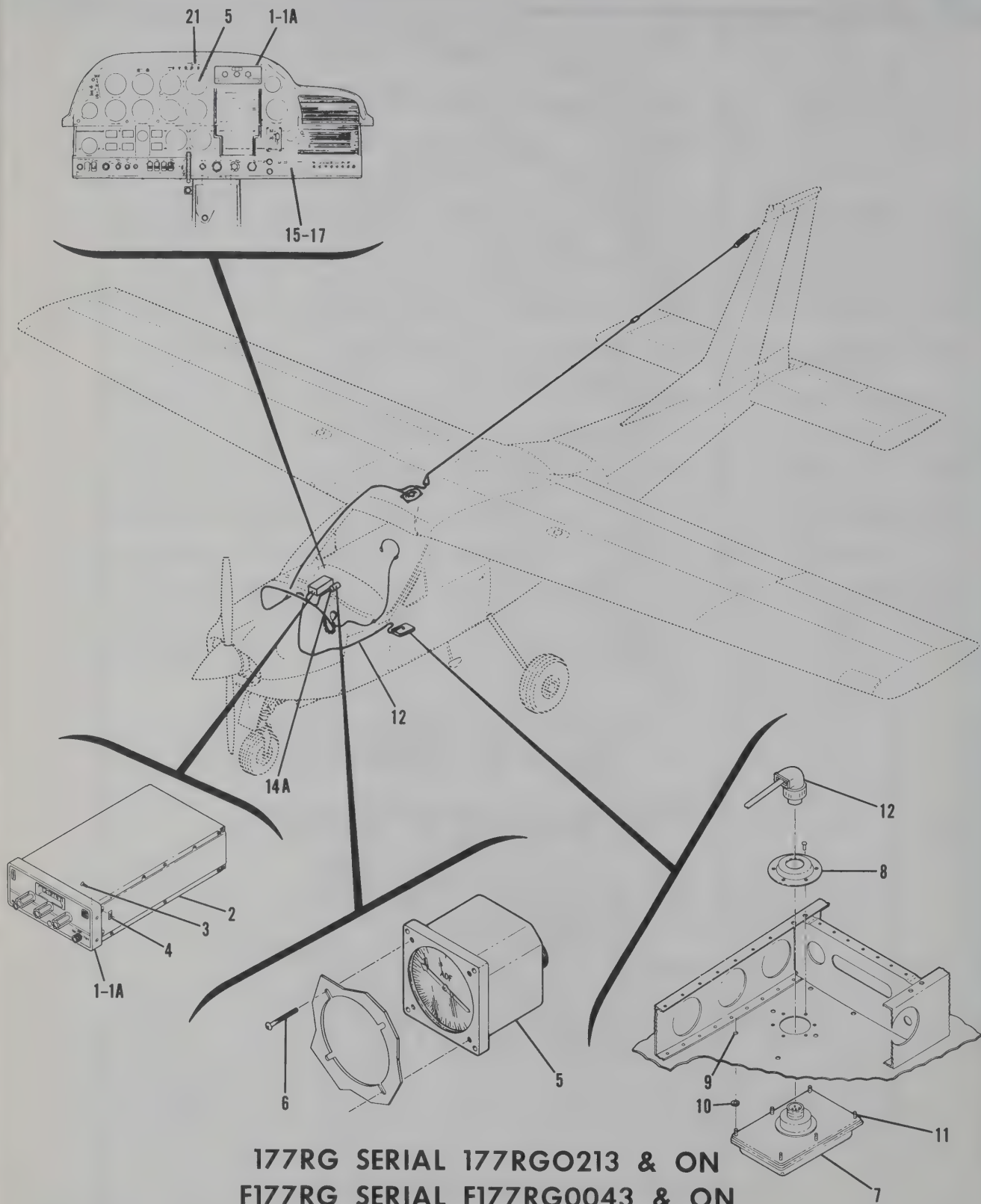


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-25-161	30370-0100	DIRECTIONAL GYRO TYPE G-520A USED WHEN SLAVED GYRO -- NOT REQUIRED WHEN EXHAUSTED USE 30370-0102 ARC	1	
	AN520-6R10	ATTACHING PARTS SCREW -----	3	
	38180-0100	DIRECTIONAL GYRO TYPE G-520B USED WHEN SLAVED GYRO -- IS REQUIRED WHEN EXHAUSTED USE 38180-0102 ARC	1	
	AN520-6R10	SCREW -----	3	
-162	*	CABLE ASSY FLUX DETECTOR TO FUSELAGE USED WITH ----- SLAVED GYRO ONLY	NP	
	S1640-9	HOUSING-PIN CONNECTS TO FUSELAGE AT LH WING ROOT -----	1	
	33878-0004	CONNECTOR CONNECTS TO FLUX DETECTOR ARC -----	1	
	33877-0005	CONNECTOR CONNECTS TO FLUX DETECTOR ARC -----	1	
	33878-0006	CONNECTOR CONNECTS TO FLUX DETECTOR ARC -----	1	
-163	*	CABLE ASSY CONNECTS DIRECTIONAL GYRO TO LH WING ROOT, --- SLAVING METER AND BUS BAR USED WITH SLAVED GYRO ONLY	NP	
	28326-0009	CONNECTOR CONNECTS TO SLAVED DIRECTIONAL GYRO ARC -	1	
	S1641-9	HOUSING-SOCKET CONNECTS TO LH WING ROOT CONNECTOR ----- ATTACHING PARTS	1	
-164	*	CABLE ASSY CONTROLLER TO COMPUTER, AUDIO J BOX, G ----- BOX ASSY, BUS BAR, PITCH TRIM SENSOR & VOLTAGE REGULATOR RELAY	NP	
	38423-0007	CONNECTOR CONNECTS TO CONTROLLER & COMPUTER -----	2	
	S1641-6	HOUSING-SOCKET CONNECTS COMPUTER TO GLIDE SLOPE ----- RECEIVER	1	
	S1637-2	HOUSING-PLUG CONNECTS COMPUTER TO RELAY & AUDIO J ----- BOX	3	
	S1637-1	HOUSING-CAP CONNECTS TO VOLTAGE REGULATOR RELAY -----	1	
	S1637-2	HOUSING-PLUG CONNECTS CONTROLLER TO RELAY -----	1	
-165	*	CABLE ASSY CONNECTS TRIM ACTUATOR TO FUSELAGE -----	NP	
	38423-0013	CONNECTOR CONNECTS TO TRIM ACTUATOR ARC -----	1	
	S1640-9	HOUSING-PIN CONNECTS TO FUSELAGE AT RH WING ROOT -----	1	
-166	*	CABLE ASSY CONNECTS PITCH TRIM SENSOR TO FUSELAGE -----	NP	
	28326-0007	CONNECTOR CONNECTS TO PITCH TRIM SENSOR -----	1	
	S1640-9	HOUSING-PIN CONNECTS TO FUSELAGE AT LH WING ROOT -----	1	
-167	*	CABLE ASSY CONNECTS PITCH ACTUATOR TO FUSELAGE -----	NP	
	38423-0001	CONNECTOR CONNECTS TO PITCH ACTUATOR -----	1	
	S1640-12	HOUSING-PIN CONNECTS TO FUSELAGE AT LH WING ROOT -----	1	
-168	*	CABLE ASSY CONNECTS ROLL ACTUATOR TO FUSELAGE -----	NP	
	38423-0001	CONNECTOR CONNECTS TO ROLL ACTUATOR -----	1	
	S1640-9	HOUSING-PIN CONNECTS TO FUSELAGE AT RH WING ROOT -----	1	
-169	*	CABLE ASSY CONNECTS PITCH TRIM SENSOR TO TRIM ACTUATOR, - BUS BAR, VOLTAGE REGULATOR RELAY & CONTROL WHEEL	NP	
	S1641-9	HOUSING-SOCKET CONNECTS TO PITCH TRIM SENSOR WIRING --- AT FUSELAGE	1	
	S1641-9	HOUSING-SOCKET CONNECTS TO TRIM ACTUATOR WIRING ----- AT FUSELAGE	1	
	582384-9	SOCKET CONNECTS TO CONTROL WHEEL AMP -----	1	
	S1637-1	HOUSING-CAP CONNECTS TO VOLTAGE REGULATOR RELAY -----	1	
	*	CABLE ASSY CONNECTS VOLTAGE REGULATOR RELAY TO VOLTAGE -- REGULATOR, PITCH TRIM SENSOR, COMPUTER & ELECTRIC TRIM DISENGAGE SWITCH	NP	
	S1637-2	HOUSING-PLUG CONNECTS TO VOLTAGE REGULATOR -----	3	
	S1637-2	HOUSING-PLUG CONNECTS TO COMPUTER -----	1	
	S1637-2	HOUSING-PLUG CONNECTS TO PITCH TRIM SENSOR WIRING -----	1	
	S1637-2	HOUSING-PLUG CONNECTS TO TRIM DISENGAGE SWITCH -----	1	
	*	CABLE ASSY CONNECTS ELECTRIC TRIM DISENGAGE SWITCH TO --- VOLTAGE REGULATOR RELAY	NP	
	S1637-1	HOUSING-CAP CONNECTS TO VOLTAGE REGULATOR RELAY -----	1	
-170	*	CABLE ASSY CONNECTS VOLTAGE REGULATOR TO BUSBAR & ----- VOLTAGE REGULATOR RELAY	NP	
	S1641-6	HOUSING-SOCKET CONNECTS TO VOLTAGE REGULATOR -----	1	
	S1637-1	HOUSING-CAP CONNECTS TO VOLTAGE REGULATOR RELAY -----	3	
	*	CABLE ASSY CONNECTS CONTROLLER TO ATTITUDE GYRO, HEADING- SELECTOR, DIRECTIONAL GYRO & AUDIO J BOX	NP	
	38423-0014	CONNECTOR CONNECTS TO CONTROLLER -----	1	
	28326-0007	CONNECTOR CONNECTS TO ATTITUDE GYRO -----	1	
	28326-0009	CONNECTOR CONNECTS TO HEADING SELECTOR -----	1	
	28326-0005	CONNECTOR CONNECTS TO DIRECTIONAL GYRO -----	1	
	S1838-1	HOUSING-CONTACT CONNECTS TO AUDIO J BOX -----	1	

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-25-171	*	CABLE ASSY CONNECTS ROLL ACTUATOR (AT RH WING ROOT) TO -- COMPUTER & PITCH ACTUATOR (AT LH WING ROOT)	NP	
	S1641-9	HOUSING-SOCKET CONNECTS TO ROLL ACTUATOR WIRING AT ---- RH WING ROOT	1	
	38423-0006	CONNECTOR CONNECTS TO COMPUTER -----	1	
	S1641-12	HOUSING-SOCKET CONNECTS TO PITCH ACTUATOR AT LH ----- WING ROOT	REF	
-172	*	CABLE ASSY CONNECTS PITCH ACTUATOR (AT LH WING ROOT) TO - COMPUTER & G SWITCH BOX ASSY	NP	
	S1641-12	HOUSING-SOCKET CONNECTS TO PITCH ACTUATOR WIRING AT --- LH WING ROOT	1	
	38423-0005	CONNECTOR CONNECTS TO COMPUTER -----	1	
	699-2104-5	TERMINAL BLOCK CONNECTS TO G SWITCH BOX ASSY ----- KULKA	REF	
-173	1570251-1	BOX ASSY- G SWITCH & RELAY ----- ATTACHING PARTS	1	
-174	AN515-6R8	SCREW -----	5	
-175	AN960-6	WASHER -----	5	
-176	NAS679A06	NUT -----	5	
		-----*		
-177	1570252-1	BOX ASSY -----	1	
-178	1570256-1	LID-BOX ASSY ----- ATTACHING PARTS	1	
-179	AN515-8R8	SCREW -----	2	
		-----*		
-180	699-2104-5	TERMINAL BLOCK ----- ATTACHING PARTS	1	
-181	AN515-8R8	SCREW -----	2	
-182	NAS679A08	NUT -----	2	
		-----*		
-183	1535-2-000	G SWITCH AERODYNE -----	1	
-184	W110X-9	DELAY RELAY ----- ATTACHING PARTS	1	
	AN515-6R8	SCREW -----	2	
		-----*		
-185	CM2692-8-1	PLUG BUTTON -----	1	
-186	S2032-2	SOCKET -----	2	
-187	S1813-1	RELAY -----	2	
		ATTACHING PARTS		
	9KH3	RETAINER -----	2	
		-----*		
		NOTE *		
		1. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS.		
		NOTE #REFER TO THE APPROPRIATE 337 SKYMASTER & SUPER SKYMASTER PARTS CATALOG FOR SPARE PARTS INFORMATION.		
		A---337 SERIAL 33701317 THRU 33701334 T337 SERIAL T33701317 THRU T33701317		
		B---337 SERIAL 33701335 & ON T337 SERIAL T33701335 & ON F337 SERIAL F33700025 & ON FT337 SERIAL FT33700001 THRU FT33700045		
		C---337 SERIAL 337-0979 THRU 33701398 T337 SERIAL T3370979 THRU 33701398 F337 SERIAL F33700001 THRU F33700045		
		D---337 SERIAL 33701399 & ON T337 SERIAL T33701399 & ON F337 SERIAL F33700046 & ON		

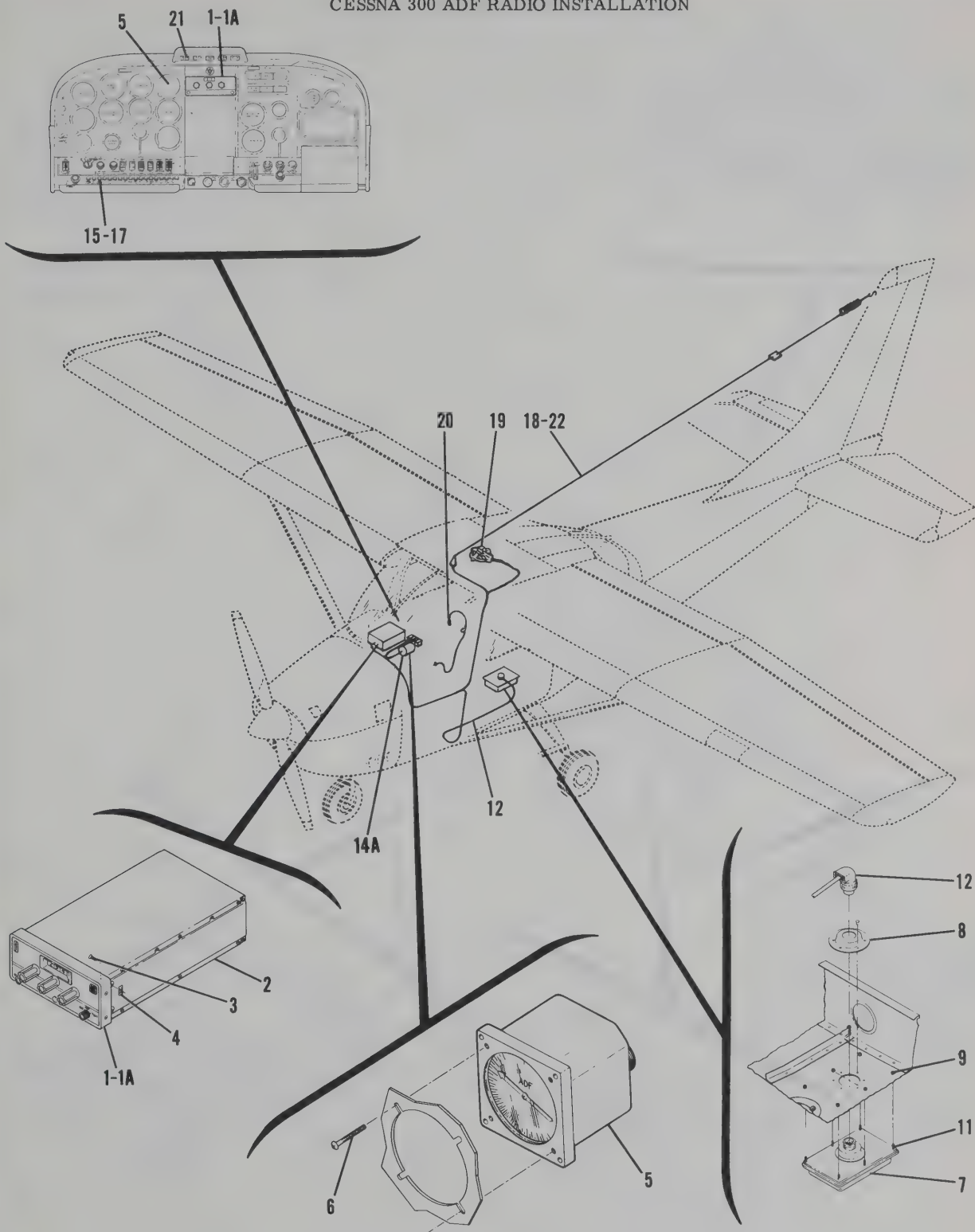
CESSNA 300 ADF RADIO INSTALLATION



**177RG SERIAL 177RGO213 & ON
F177RG SERIAL F177RG0043 & ON**

Figure 1-26. Cessna 300 ADF (Type R-546A) Radio Installation (Sheet 1 of 5)

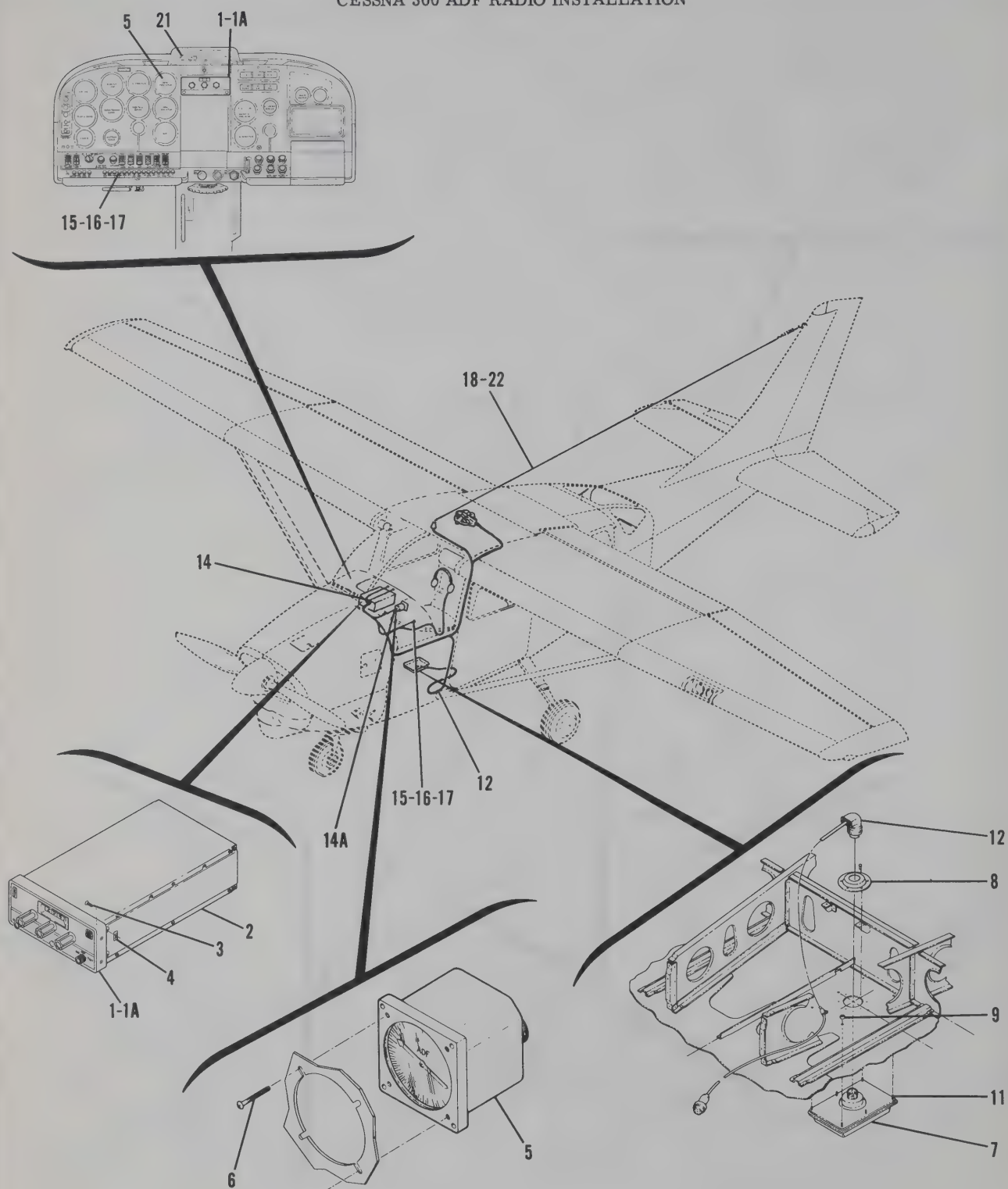
CESSNA 300 ADF RADIO INSTALLATION



182 SERIAL 18260826 & ON

Figure 1-26. Cessna 300 ADF (Type R-546A) Radio Installation (Sheet 2 of 5)

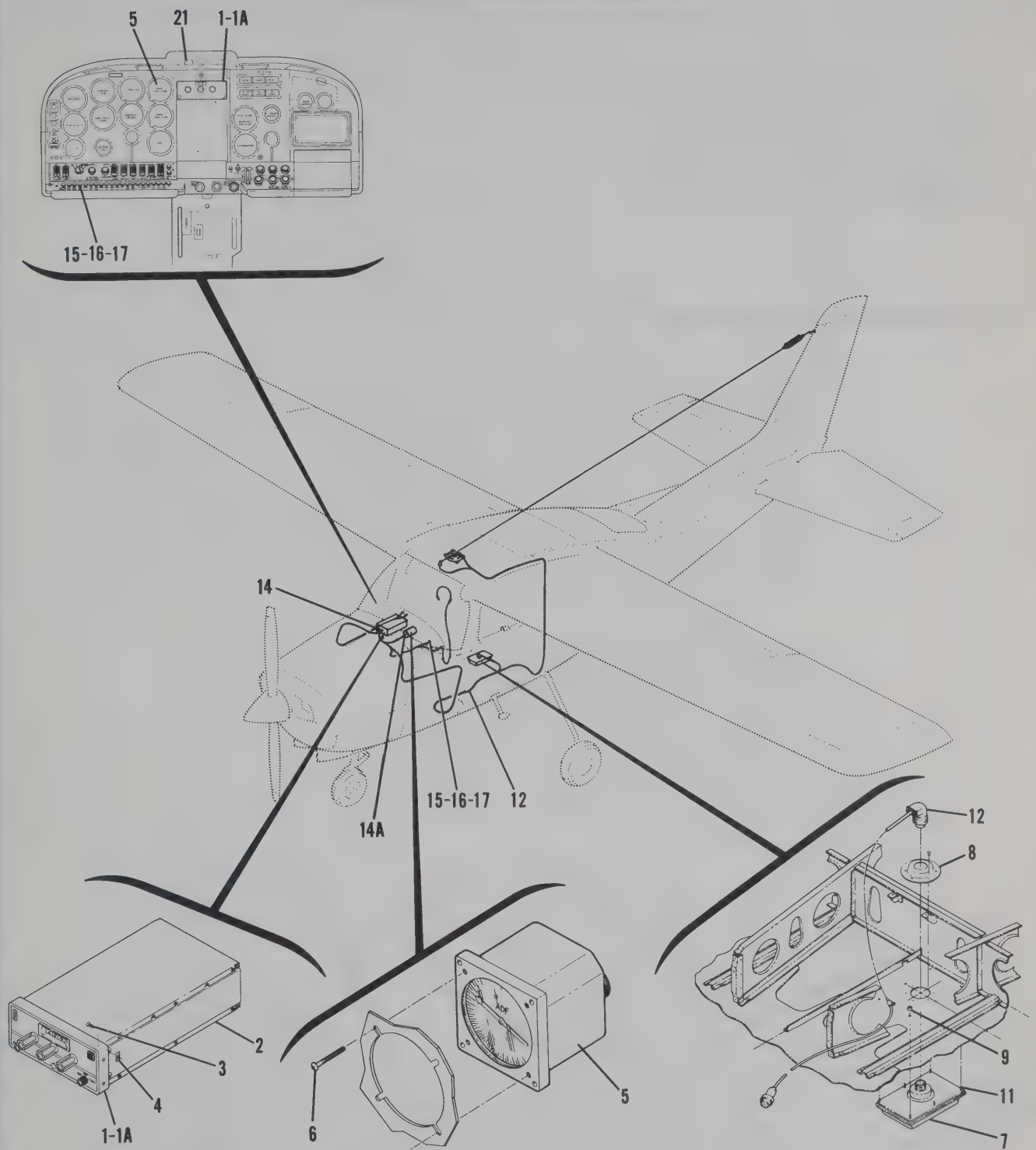
CESSNA 300 ADF RADIO INSTALLATION



U206 SERIAL U20601703 & ON

Figure 1-26. Cessna 300 ADF (Type R-546A) Radio Installation (Sheet 3 of 5)

CESSNA 300 ADF RADIO INSTALLATION



210 SERIAL 21059503 & ON
T210 SERIAL T21059503 & ON

Figure 1-26. Cessna 300 ADF (Type R-546A) Radio Installation (Sheet 4 of 5)

CESSNA 300 ADF RADIO INSTALLATION

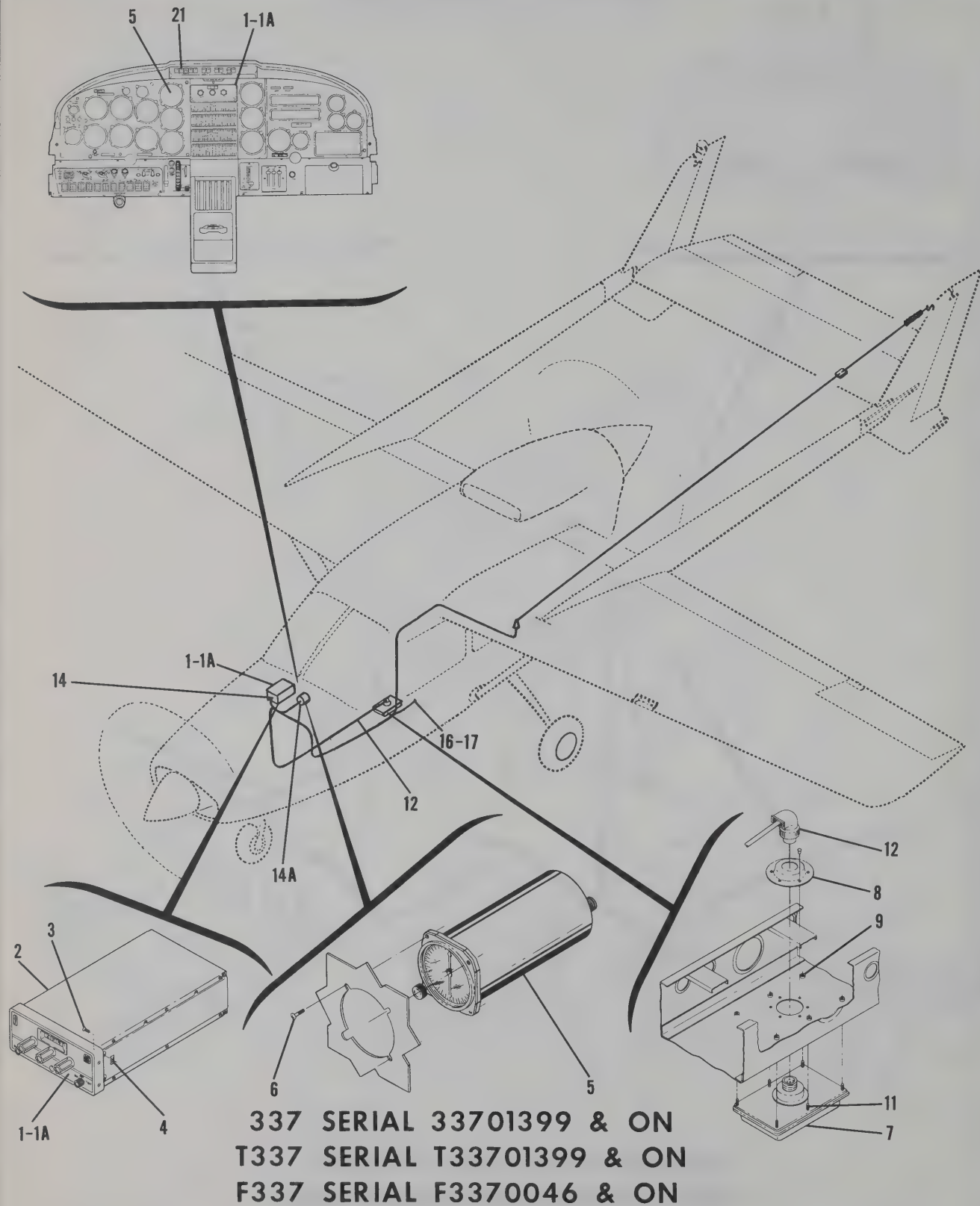
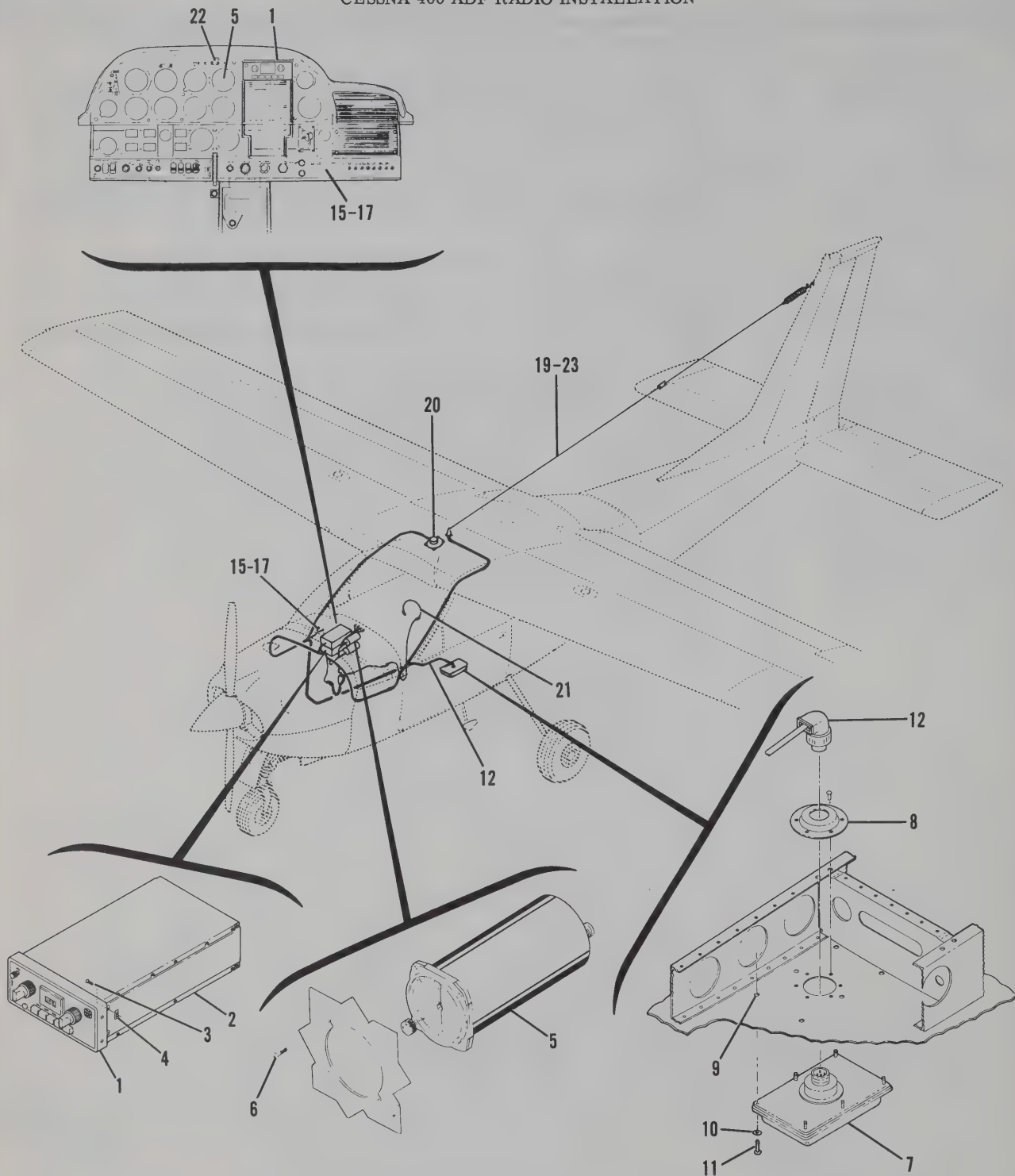


Figure 1-26. Cessna 300 ADF (Type R-546A) Radio Installation (Sheet 5 of 5)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-26-		CESSNA 300 ADF RADIO INSTALLATION TYPE R-546A -----	NP	
		ALL 1972 & ON MODELS		
- 1	41240-1001	RECEIVER WITHOUT BFO TYPE R-546A ARC -----	1	
- 1A	41240-0101	RECEIVER WITH BFO TYPE R-546E ARC -----	1	
- 2	40900-0000	MOUNTING-LESS CABLE TYPE M-346A ARC -----	1	
		ATTACHING PARTS		
- 3		SCREW -----	1	
- 4		NUT -----	1	
		---*---		
- 5	41250-1001	INDICATOR TYPE IN-546A ARC -----	1	
		ATTACHING PARTS		
- 6	AN515B6R12	SCREW -----	4	
		---*---		
- 7	41000-1000	LOOP ANTENNA TYPE L-346A ARC -----	1	
		ATTACHING PARTS		
- 8	1511005-1	SHIELD -----	1	
- 9	NAS1329C06K12C	RIVNUT -----	6	
-10	AN936A6	WASHER 177RG ONLY -----	6	
-11	AN515-6R12	SCREW -----	6	
		---*---		
-12	3827-0000	CABLE ASSY - LOOP ANT TO INDICATOR - 9 FT LONG ARC -----	1	
-13	32803-0000	CABLE ASSY - LOOP ANT TO INDICATOR - 20 FT LONG ARC -----	AR	
-14	41287-0002	DROPPING RESISTOR KIT 28 VOLT AIRCRAFT ONLY -----	1	
-14A	38423-0000	CONNECTOR KIT MATES WITH 41250-1001 INDICATOR -----	1	
-15	S1360-5L	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	
-16	S1360-2L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	
-17	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
-18	SEE FIG 3-6	ADF SENSE ANTENNA INSTALLATION -----	AR	
-19	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-20	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-21	SEE SEC 4	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
-22	SEE FIG 3-9	ANTI-PRECIPITATION ADF SENSE ANTENNA INSTALLATION -----	AR	
	SEE FIG 5-1	RADIO COOLING INSTALLATION -----	AR	
		NOTES		
		1. REFER TO THE APPROPRIATE PARTS CATALOG FOR		
		1972 & ON RADIO DIMMING RHEOSTATS & KNOBS.		
		2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN		
		SECTION VII OF THIS MANUAL FOR ELECTRICAL		
		CONNECTORS AND WIRING APPLICABLE TO 1972 & ON		
		MODELS.		

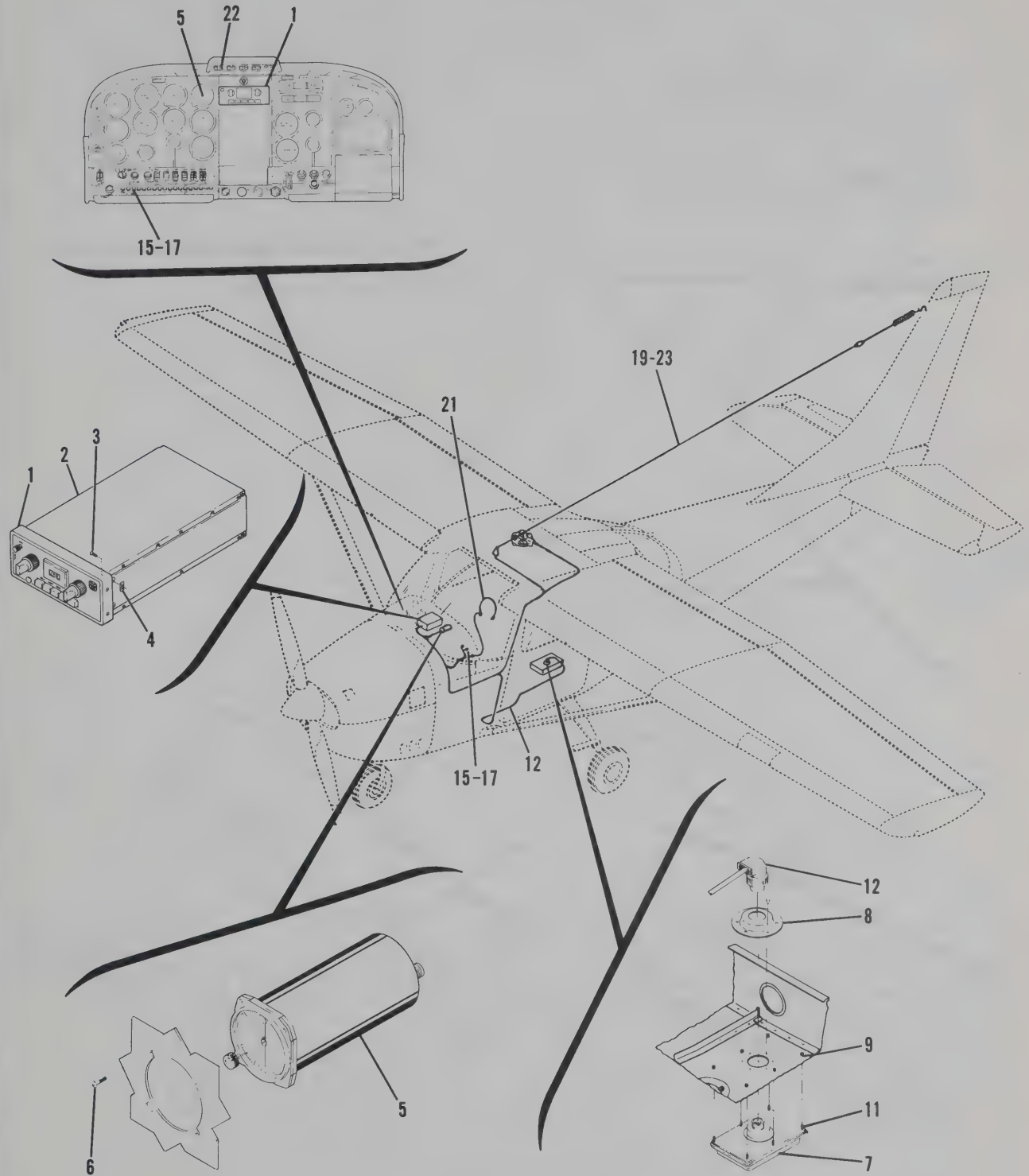
CESSNA 400 ADF RADIO INSTALLATION



**177RG SERIAL 177RGO213 & ON
F177RG SERIAL F177RG0043 & ON**

Figure 1-27. Cessna 400 ADF (Type R-346A) Radio Installation (Sheet 1 of 5)

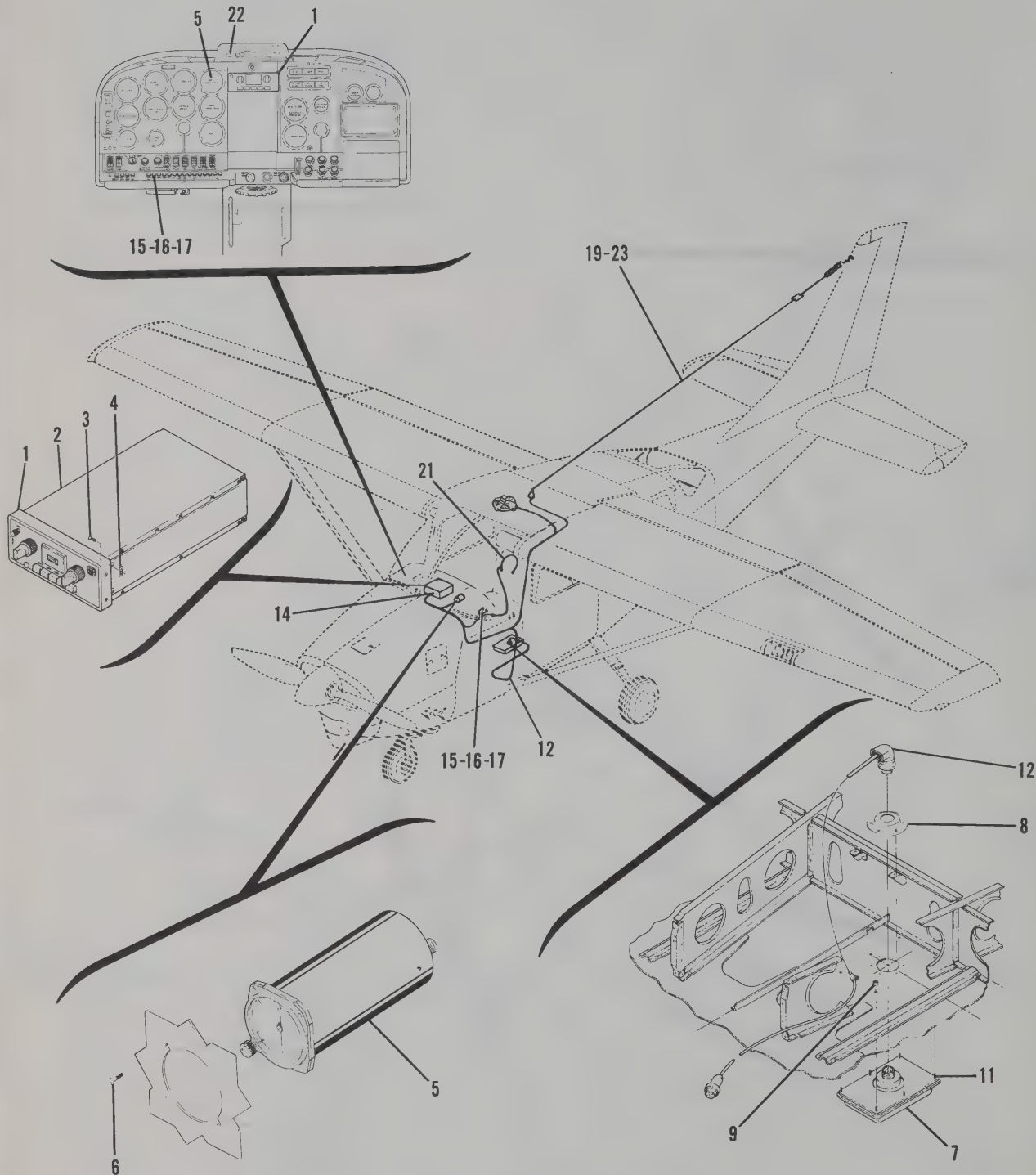
CESSNA 400 ADF RADIO INSTALLATION



182 SERIAL 18260826 & ON

Figure 1-27. Cessna 400 ADF (Type R-346A) Radio Installation (Sheet 2 of 5)

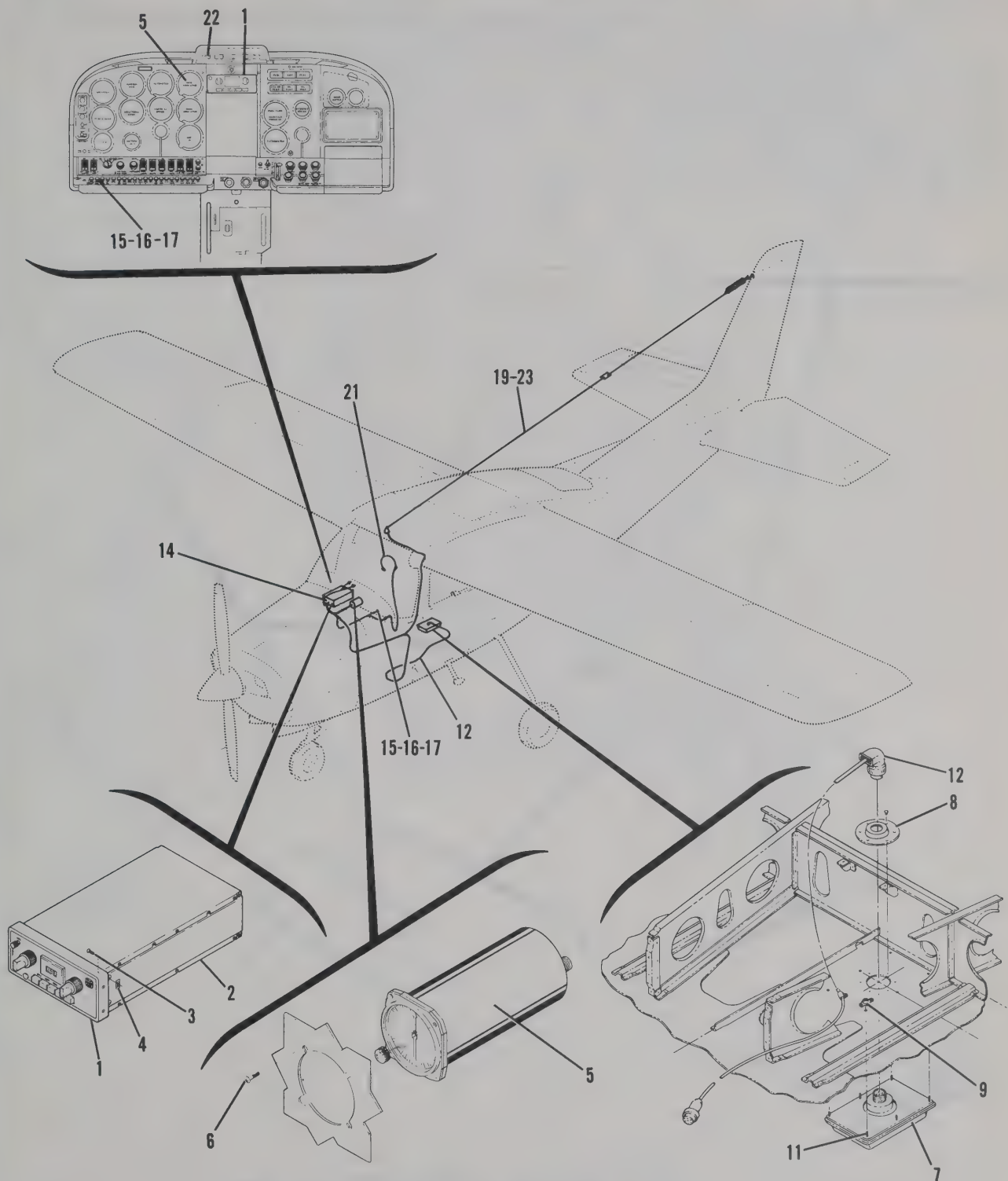
CESSNA 400 ADF RADIO INSTALLATION



U206 SERIAL U20601703 & ON

Figure 1-27. Cessna 400 ADF (Type R-346A) Radio Installation (Sheet 3 of 5)

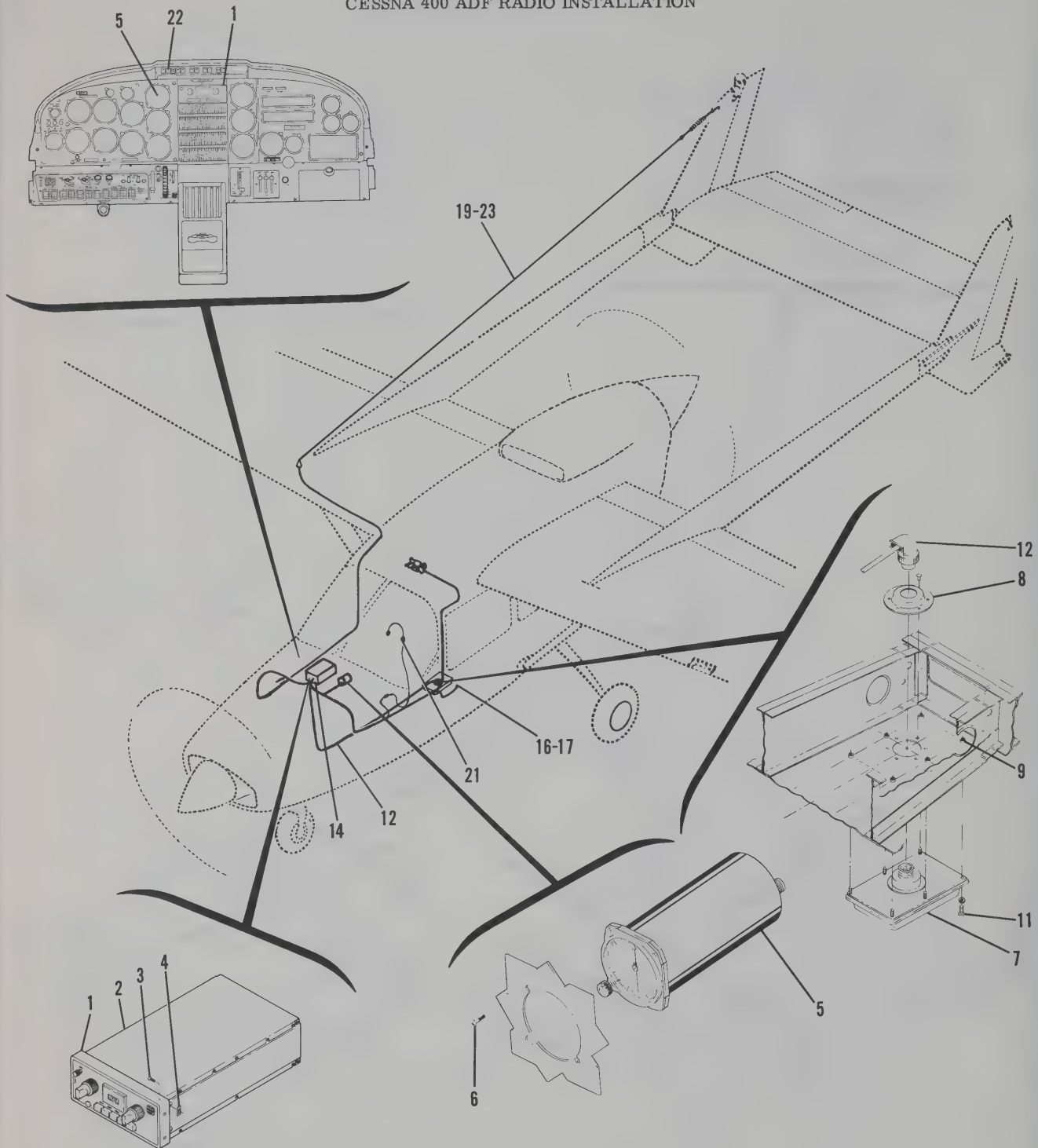
CESSNA 400 ADF RADIO INSTALLATION



210 SERIAL 21059503 & ON
T210 SERIAL T21059503 & ON

Figure 1-27. Cessna 400 ADF (Type R-346A) Radio Installation (Sheet 4 of 5)

CESSNA 400 ADF RADIO INSTALLATION



**337 SERIAL 33701399 & ON
T337 SERIAL T33701399 & ON
F337 SERIAL F3370046 & ON**

Figure 1-27. Cessna 400 ADF (Type R-346A) Radio Installation (Sheet 5 of 5)



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-27-		CESSNA 400 ADF RADIO INSTALLATION TYPE R346A -----	NP	
- 1	40950-1001	ALL 1972 & ON MODELS		
		RECEIVER WITH BFO LIGHT SHADOW-GREY FACEPLATE -----	1	
	40950-1000	TYPE R-346A ARC		
		RECEIVER WITH BFO BLACK FACEPLATE -----	1	
		TYPE R-346A ARC		
- 2	40900-0000	MOUNTING LESS CABLE TYPE M-346A ARC -----	1	
		ATTACHING PARTS		
- 3	S1021Z6-6	SCREW -----	4	
- 4	NAS446-2-3	NUT -----	4	
		---*---		
- 5	41360-1001	INDICATOR TYPE IN-346C ARC -----	1	
		ATTACHING PARTS		
- 6	AN515B6R12	SCREW -----	3	
- 6A	NAS487-20	NUT -----	3	
		---*---		
- 7	41000-1000	LOOP ANTENNA TYPE L-346A ARC -----	1	
		ATTACHING PARTS		
- 8	1511005-1	SHIELD -----	1	
- 9	NAS1329C06K12C	RIVNUT -----	6	
-10	AN936A6	WASHER 177RG ONLY -----	6	
-11	AN515-6R12	SCREW -----	6	
		---*---		
-12	33827-0000	CABLE ASSY - LOOP ANT TO INDICATOR - 9 FT LONG ARC -----	1	
-13	32803-0000	CABLE ASSY - LOOP ANT TO INDICATOR - 20 FT LONG ARC -----	1	
-14	41287-0002	DROPPING RESISTOR KIT 28 VOLT AIRCRAFT ONLY -----	1	
	38423-0040	CONNECTOR KIT MATES WITH 41360-1001 INDICATOR -----	1	
-15	S1360-5L	CIRCUIT BREAKER 14 VOLT AIRCRAFT ONLY -----	1	
-16	S1360-2L	CIRCUIT BREAKER 28 VOLT AIRCRAFT ONLY -----	1	
-17	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER -----	1	
-18	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
-19	SEE FIG 3-6	ADF SENSE ANTENNA INSTALLATION -----	AR	
-20	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-21	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-22	SEE SEC 4	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
-23	SEE FIG 3-9	ANTI-PRECIPITATION ADF SENSE ANTENNA INSTALLATION -----	AR	
	SEE FIG 5-1	RADIO COOLING INSTALLATION -----	AR	
		NOTES		
		1. REFER TO THE APPROPRIATE PARTS CATALOG FOR		
		1972 & ON RADIO DIMMING RHEOSTATS & KNOBS.		
		2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN		
		SECTION VII OF THIS MANUAL FOR ELECTRICAL		
		CONNECTORS AND WIRING APPLICABLE TO 1972 & ON		
		MODELS.		

Date		Description		Amount	
1900	Jan 1	Balance		100.00	
1900	Jan 15	Received from A. B.		50.00	
1900	Feb 1	Received from C. D.		25.00	
1900	Feb 15	Received from E. F.		75.00	
1900	Mar 1	Received from G. H.		100.00	
1900	Mar 15	Received from I. J.		150.00	
1900	Apr 1	Received from K. L.		200.00	
1900	Apr 15	Received from M. N.		250.00	
1900	May 1	Received from O. P.		300.00	
1900	May 15	Received from Q. R.		350.00	
1900	Jun 1	Received from S. T.		400.00	
1900	Jun 15	Received from U. V.		450.00	
1900	Jul 1	Received from W. X.		500.00	
1900	Jul 15	Received from Y. Z.		550.00	
1900	Aug 1	Received from A. B.		600.00	
1900	Aug 15	Received from C. D.		650.00	
1900	Sep 1	Received from E. F.		700.00	
1900	Sep 15	Received from G. H.		750.00	
1900	Oct 1	Received from I. J.		800.00	
1900	Oct 15	Received from K. L.		850.00	
1900	Nov 1	Received from M. N.		900.00	
1900	Nov 15	Received from O. P.		950.00	
1900	Dec 1	Received from Q. R.		1000.00	
1900	Dec 15	Received from S. T.		1050.00	
1900	Dec 31	Balance		1100.00	

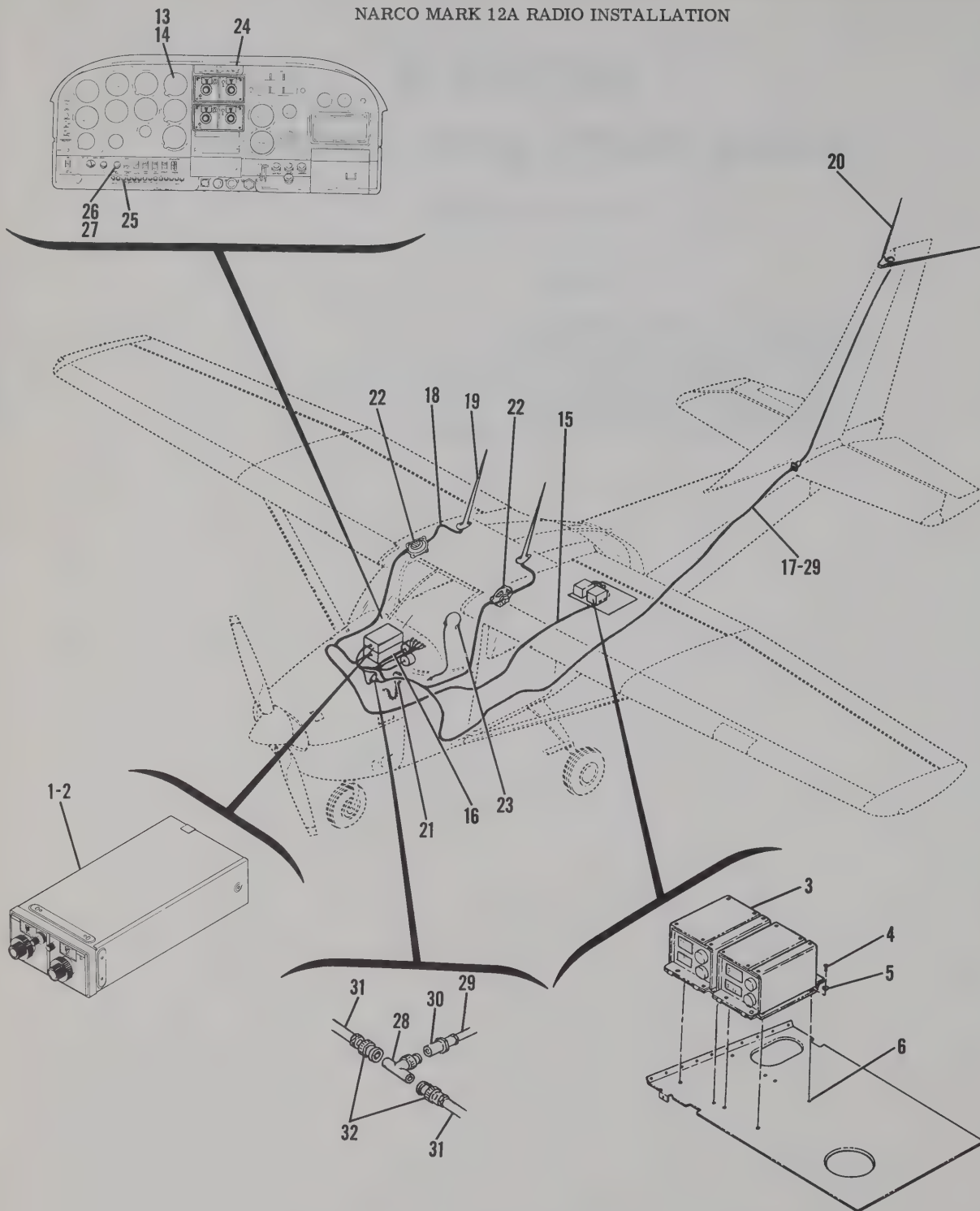
SECTION II

VENDOR CRAFTED RADIO EQUIPMENT

TABLE OF CONTENTS

Figure	Equipment	Page
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2-2	Narco Mark 12B Radio Installation	2-7
2-3	Narco UGR-2 Glide Slope Radio Installation	2-16
2-4	Sunair Single Side-Band (Type ASB-125) Radio Installation	2-24
2-5	Ground Avoidance Radar Installation	2-32
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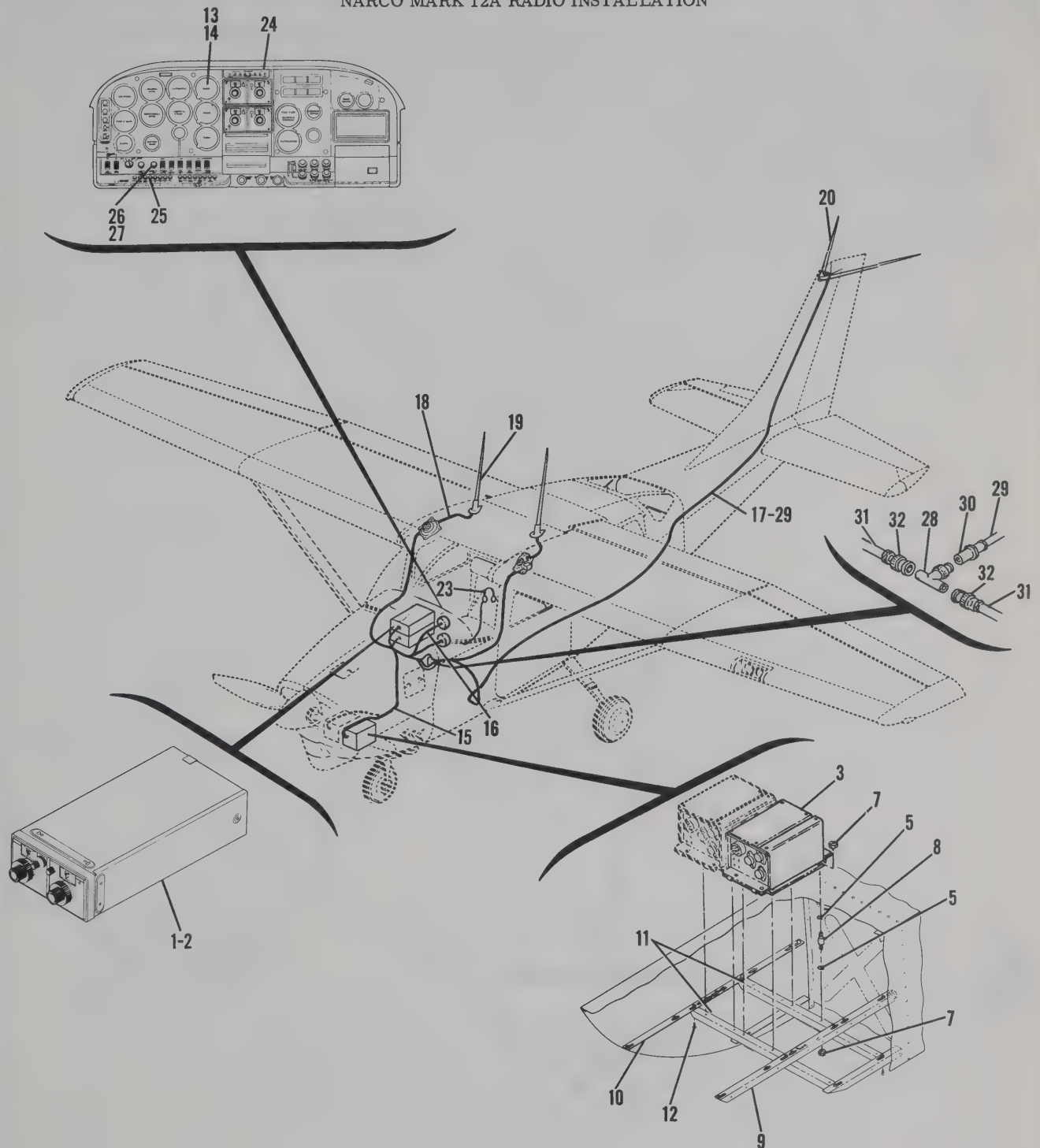
NARCO MARK 12A RADIO INSTALLATION



182 SERIAL 18259306 THRU 18260060

Figure 2-1. Narco Mark 12A Radio Installation (Sheet 1 of 3)

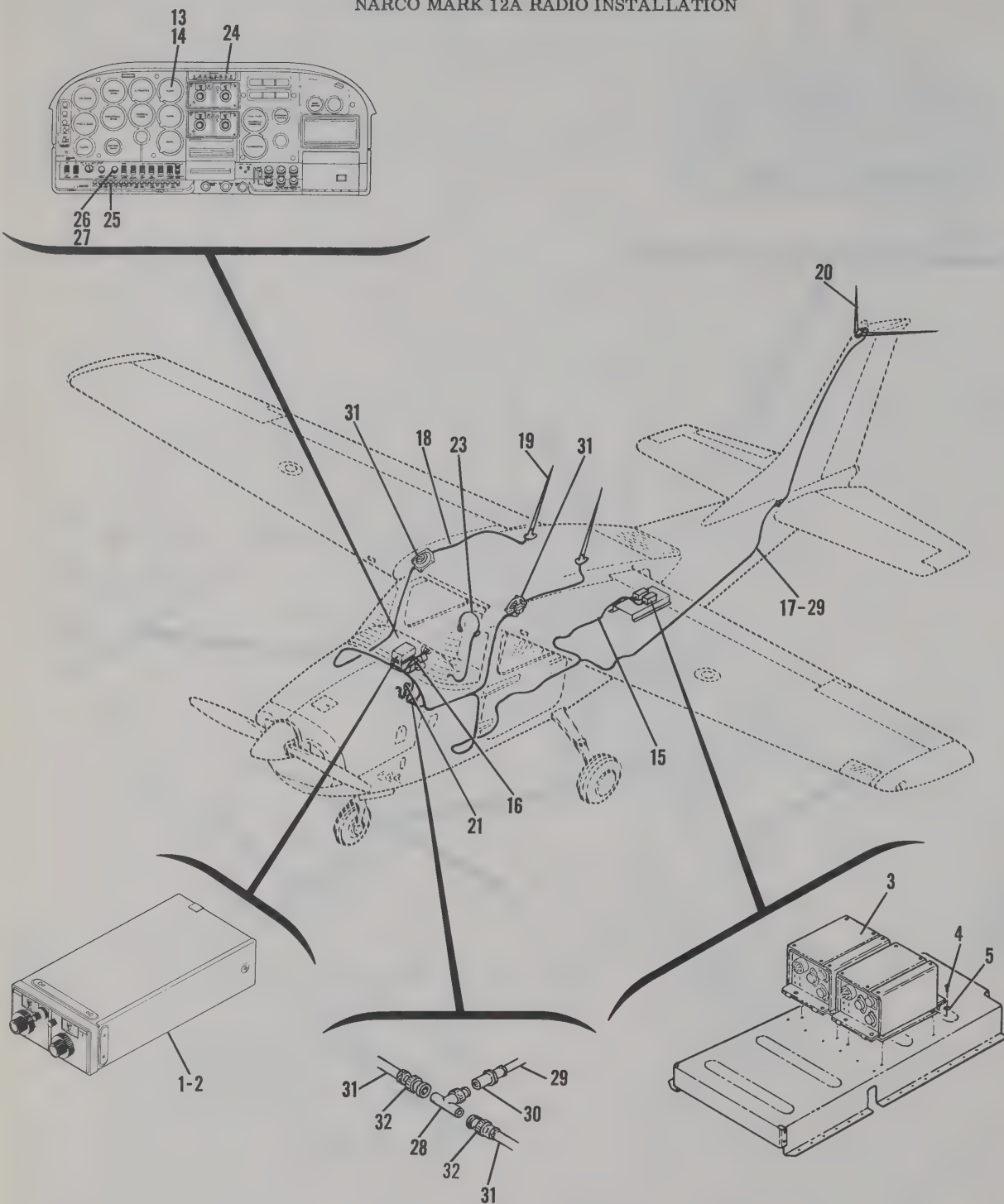
NARCO MARK 12A RADIO INSTALLATION



P206 SERIAL P206-0520 THRU P206-0607
TP206 SERIAL TP206-0520 THRU TP206-0607

Figure 2-1. Narco Mark 12A Radio Installation (Sheet 2 of 3)

NARCO MARK 12A RADIO INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 2-1. Narco Mark 12A Radio Installation (Sheet 3 of 3)

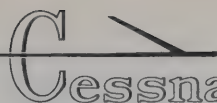
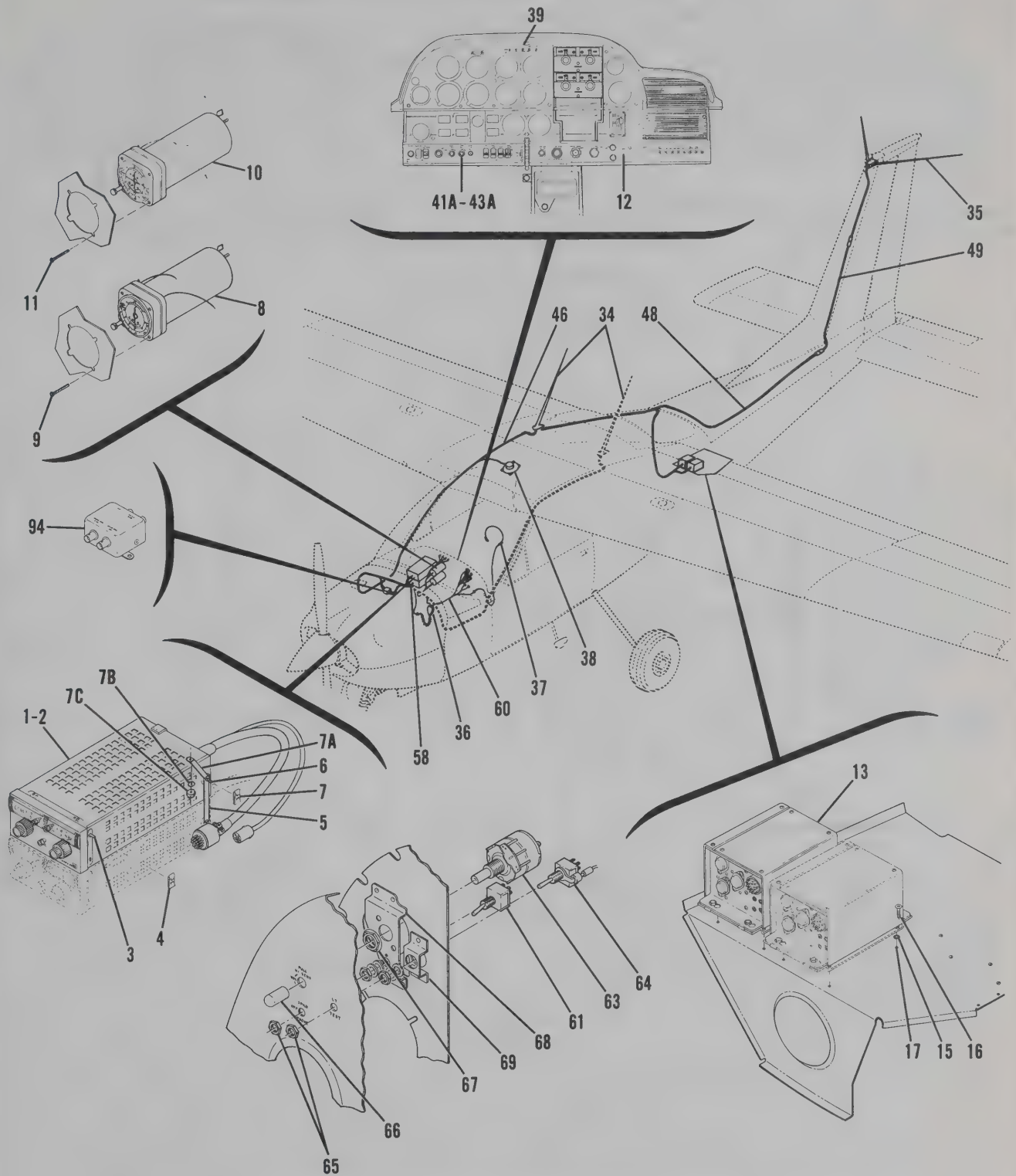


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-1 -		RADIO INSTALLATION-NARCO MARK 12A WITH VOA-8 OR VOA-9 ALL -	NP	A
- 1	MARK 12A	MODELS EXCEPT 337 SERIES THRU 1969 ONLY		
- 2	MARK 12A	TRANSCEIVER - 90 CHANNEL NARO ALL MODELS -----	1	
		TRANSCEIVER - 360 CHANNEL NARO ALL MODELS -----	1	
		ATTACHING PARTS		
	S1021Z8-8	SCREW -----	4	
	AN960-8L	WASHER -----	4	
	NAS446-4-3	NUT -----	4	
		---*---		
- 3	T12MP-12A	POWER SUPPLY NARO -----	1	
		ATTACHING PARTS		
- 4	AN515-8R16	SCREW 182 & 210 SERIES ONLY -----	4	
- 5	AN936A8	WASHER -----	4	
- 6	S1648-08-75	RIVNUT 182 & 210 SERIES ONLY -----	4	
- 7	AN340B8	NUT 206 SERIES ONLY -----	8	
- 8	0411059-3	SHOCKMOUNT 206 SERIES ONLY -----	4	
		---*---		
- 9	1270627-85	SIDE ANGLE ASSY - LH SIDE - STANDARD EQUIPMENT -----	REF	
		ON AIRCRAFT 206 SERIES ONLY		
-10	1270627-86	SIDE ANGLE ASSY - RH SIDE - STANDARD EQUIPMENT -----	REF	
		ON AIRCRAFT 206 SERIES ONLY		
-11	1270627-56	ATTACH ANGLE 206 SERIES ONLY -----	2	
		ATTACHING PARTS		
-12	AN520-10R6	SCREW -----	4	
		---*---		
-13	VOA-9	CONVERTER-INDICATOR USED ONLY WHEN GLIDE SLOPE -----	1	
		IS INSTALLED WITH A 360 CHANNEL MARK 12A NARO		
		ATTACHING PARTS		
	AN515B6R10	SCREW -----	3	
		---*---		
-14	VOA-8	CONVERTER-INDICATOR USED ONLY WHEN GLIDE SLOPE -----	1	
		IS NOT INSTALLED NARO		
		ATTACHING PARTS		
	AN515B6R10	SCREW -----	3	
		---*---		
-15		CABLE ASSY - TRANSCEIVER TO POWER SUPPLY -----	NP	
	S1838-2	CONNECTOR - CONNECTS TO AUDIO JUNCTION BOX -----	1	
	EL-3077-502	CONNECTOR KIT NARO -----	1	
	K41271-1	RECEPTACLE - 16 PIN NARO -----	2	
	K41182-2	CAP-PLUG NARO -----	2	
-16		CABLE ASSY - TRANSCEIVER TO VOA-8 OR VOA-9 INDICATOR -----	NP	
	K41116-1	PLUG - CONNECTS TO TRANSCEIVER NARO -----	1	
	MS3106A-20-27S	PLUG - CONNECTS TO VOA-8 OR VOA-9 -----	1	
	MS3057-12	CLAMP - CONNECTS TO VOA-8 OR VOA-9 -----	1	
		CONTINUED ON NEXT PAGE		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-1 -17	RG-58A/U 13B UG-88C/U	CABLE ASSY - TRANSCEIVER TO BALUN STUB ----- COAXIAL CABLE - BULK ITEM ----- PLUG - MOTOROLA TYPE - CONNECTS TO TRANSCEIVER ----- PLUG - COAXIAL - CONNECTS TO BALUN STUB -----	NP AR 1 1	
-18	RG-58A/U 13E UG-913/U	CABLE ASSY - TRANSCEIVER TO VHF ANTENNA ----- COAXIAL CABLE - BULK ITEM ----- PLUG - RCA PHONO TYPE ----- PLUG - COAXIAL - RIGHT ANGLE -----	NP AR 1 1 1	
-19	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
-20	SEE FIG 3-2	OMNI ANTENNA INSTALLATION -----	1	
-21	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-22	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-23	SEE FIG 4-9 SEE FIG 5-1 SEE FIG 5-2	HEADSET INSTALLATION ----- RADIO COOLING ----- RADIO NOISE FILTER -----	1 1 1	
-24	SEE SEC 4	AUDIO TRANSMITTER & SELECTOR SWITCHES INSTALLATION -----	1	
-25	S1360-10L S2122-1	CIRCUIT BREAKER ----- NUT-DECORATIVE CIRCUIT BREAKER -----	1 1	
-26	S1880-3	RHEOSTAT -----	1	
-27	S1753-7	KNOB - RHEOSTAT -----	1	
		 DUAL MARK 12A WITH DUAL VOA-8 OR VOA-9 INSTALLATION THE FOLLOWING PARTS ARE REQUIRED IN ADDITION TO THOSE REQUIRED FOR A SINGLE RADIO INSTALLATION. ITEMS 29 & 30 REPLACE ITEM 17 WHEN DUAL RADIOS ARE INSTALLED.		
-28	UG-274/U	TEE ADAPTER -----	1	
-29		CABLE ASSY - TEE ADAPTER TO BALUN STUB-REPLACES ITEM ----- 17 WHEN DUAL RADIOS ARE INSTALLED.	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	1	
-30	UG-89/U	PLUG - COAXIAL -----	1	
-31	RG-58A/U 13B	CABLE ASSY-TRANSCEIVER TO TEE ADAPTER ----- COAXIAL CABLE - TWO 33 INCH LONG CABLES BULK ITEM -----	NP AR	
-32	UG-88C/U	PLUG - MOTOROLA TYPE ----- PLUG - COAXIAL -----	1 1	
		 A---182 SERIAL 18259306 THRU 18260060 P206 SERIAL P206-0520 THRU P206-0607 TP206 SERIAL TP206-0520 THRU TP206-0607 210 SERIAL 21059062 THRU 21059199 T210 SERIAL T210-0393 THRU T210-0424		

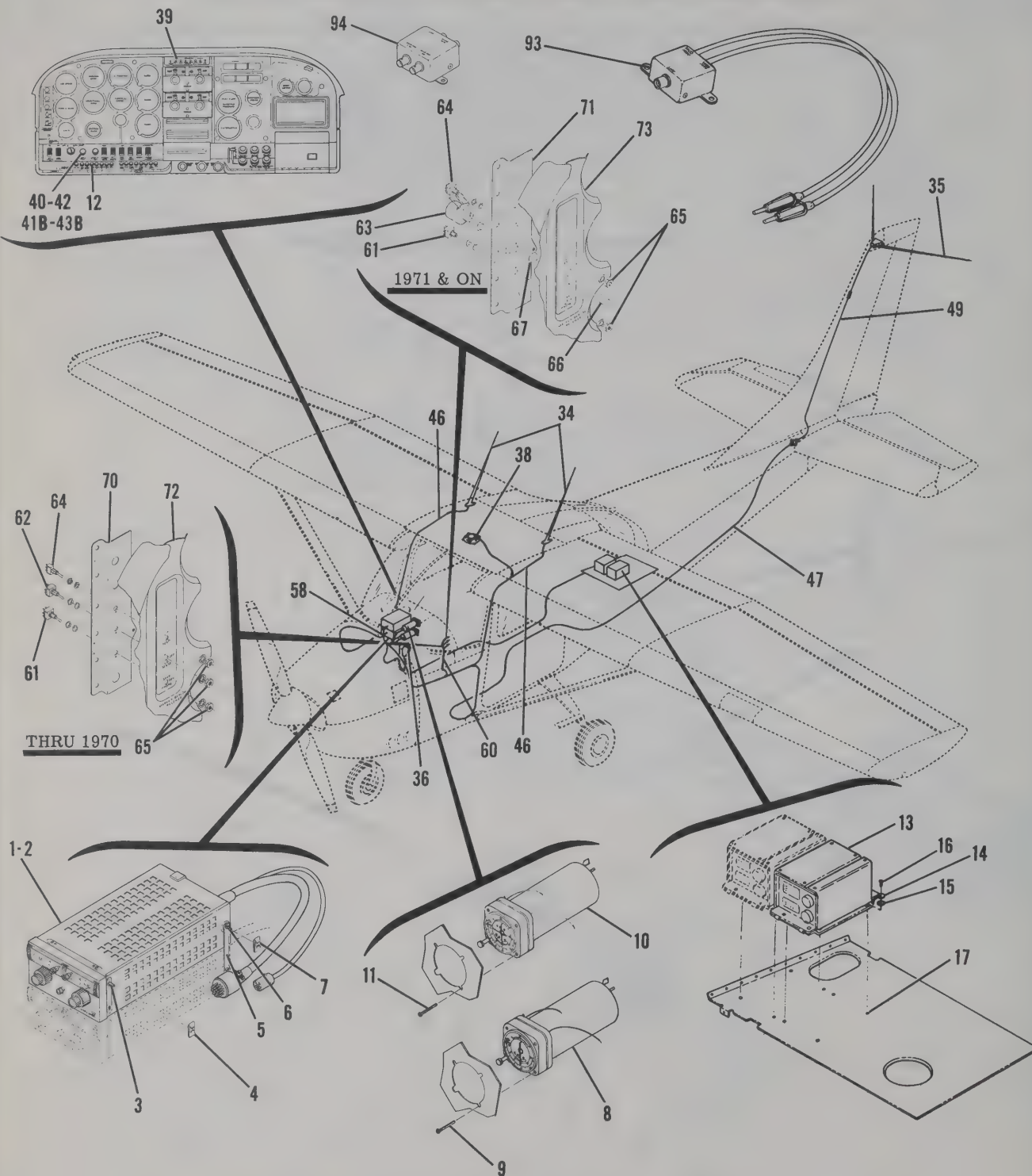
NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



**177RG SERIAL 177RG0001 THRU 177RG0212
F177RG SERIAL F177RG0001 THRU F177RG0042**

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M Radio Installation (Sheet 1 of 5)

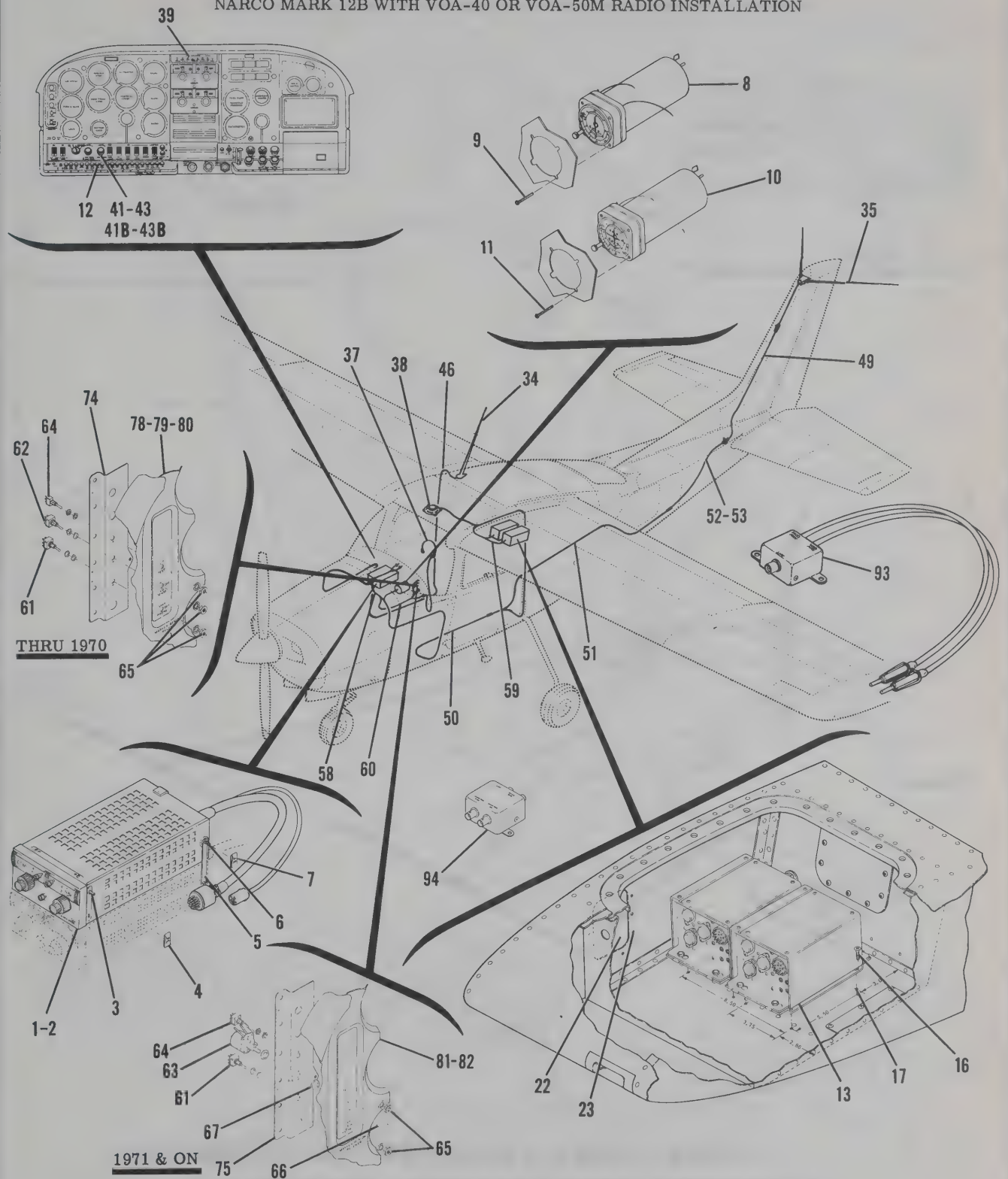
NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



182 SERIAL 18260056 THRU 18260825
A182 SERIAL A182-0097 THRU A182-0116

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M Radio Installation (Sheet 2 of 5)

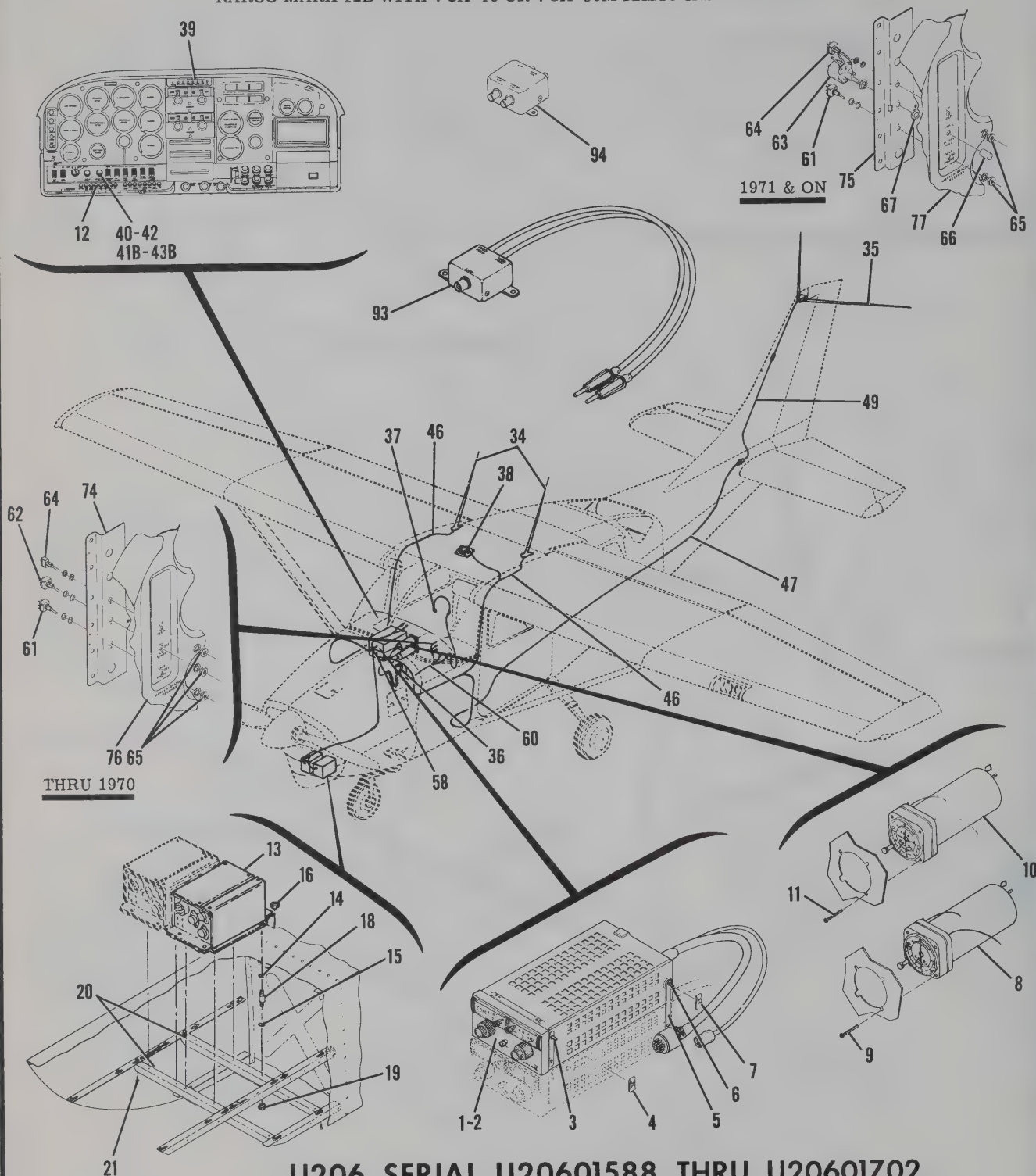
NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



210 SERIAL 21059200 THRU 21059502
T210 SERIAL T21059200 THRU T21059502

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M Radio Installation (Sheet 3 of 5)

NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



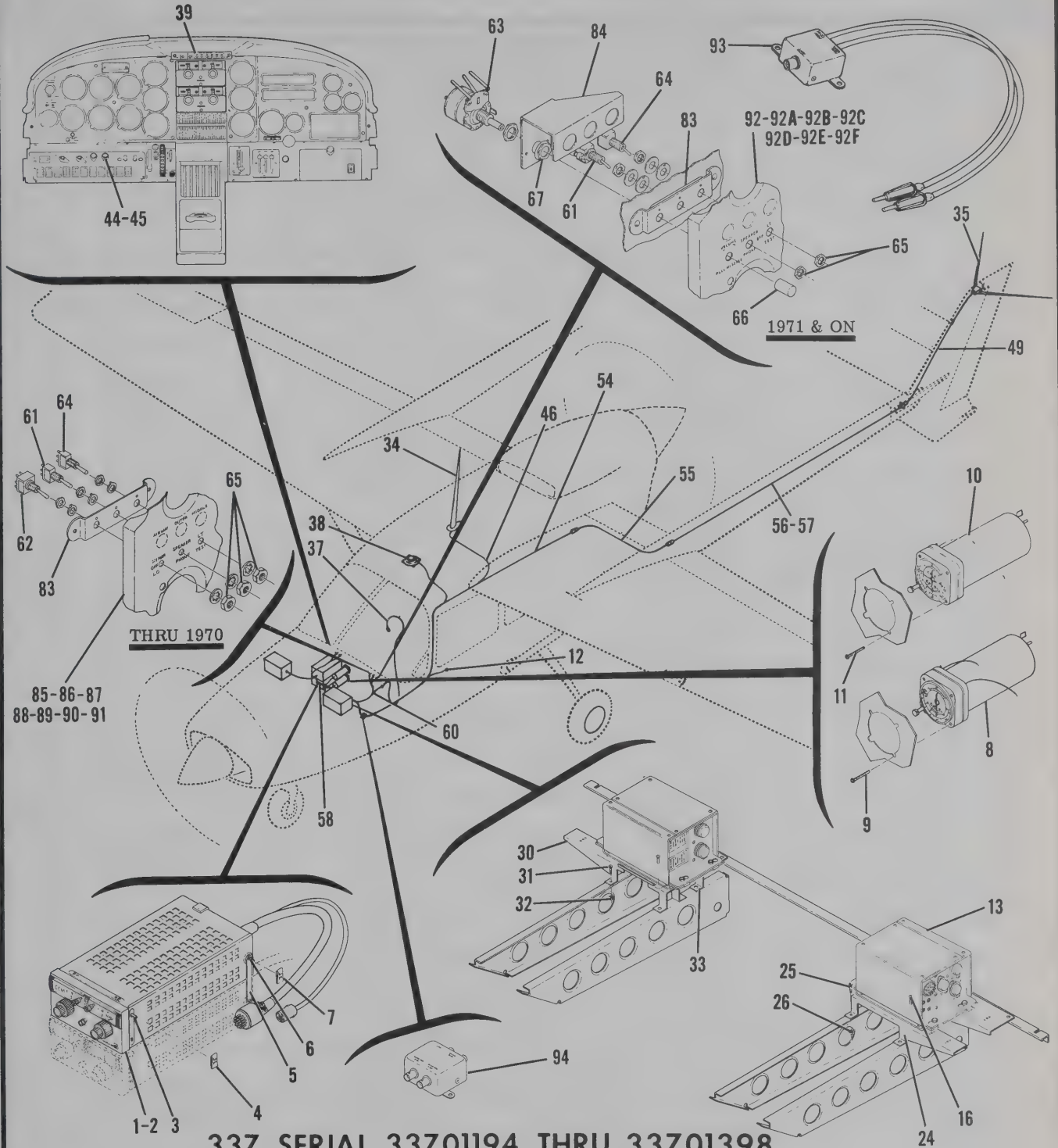
U206 SERIAL U20601588 THRU U20601702

P206 SERIAL P206-0520 THRU P20600648

TP206 SERIAL TP206-0520 THRU TP20600648

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M Radio Installation (Sheet 4 of 5)

NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



337 SERIAL 33701194 THRU 33701398
T337 SERIAL T33701194 THRU T33701398
F337 SERIAL F33700001 THRU F33700045
FT337 SERIAL F33700001 THRU FT33700045

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M Radio Installation (Sheet 5 of 5)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-2 -		NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION ----- THRU 1971 MODELS ONLY	NP	
- 1	MARK 12B	TRANSCIVER-90 CHANNEL NARO -----	1	
- 2	MARK 12B	TRANSCIVER-360 CHANNEL NARO -----	1	
		ATTACHING PARTS		
- 3	S1022Z6-6	SCREW -----	4	
- 4	NAS446-2-3	NUT -----	4	
		---*---		
- 5	1270465-2	SUPPORT STRAP -----	2	
		ATTACHING PARTS		
- 6	S1022Z6-6	SCREW -----	4	
- 7	NAS446-2-3	NUT -----	4	
		---*---		
- 7A	1713125-1	SUPPORT STRAP 177RG ONLY -----	2	
		ATTACHING PARTS		
- 7B	AN960-8	WASHER -----	AR	
- 7C	NAS679A08	NUT -----	2	
		---*---		
- 8	VOA-40	INDICATOR NARO -----	AR	
		ATTACHING PARTS		
- 9	AN515B6R10	SCREW -----	3	
		---*---		
-10	VOA-50M	INDICATOR NARO -----	1	
		ATTACHING PARTS		
-11	AN515B6R10	SCREW -----	3	
		---*---		
-12	S1360-15	CIRCUIT BREAKER -----	1	
-13	T12MP-12A-1	POWER SUPPLY NARO -----	1	
		ATTACHING PARTS		
-14	AN960-8	WASHER -----	4	
-15	AN936A8	WASHER -----	4	
-16	AN515-8R10	SCREW -----	4	
-17	S1648-08K75	RIVNUT 177RG, 182 & 210 SERIES ONLY -----	4	
-18	0411059-3	SHOCKMOUNT 206 SERIES ONLY -----	4	
-19	AN340B8	NUT 206 SERIES ONLY -----	4	
		---*---		
-20	1270627-56	ATTACH ANGLE 206 SERIES ONLY -----	2	
		ATTACHING PARTS		
-21	AN520-10R6	SCREW -----	4	
		---*---		
-22	1221248-2	PLATE REPLACED BY 1221248-3 WHEN SECOND RADIO IS ----- INSTALLED 210 SERIES ONLY	1	
		ATTACHING PARTS		
-23	AN515-8R6	SCREW -----	10	
		---*---		
-24	1513629-1	SUPPORT ASSY-RH 337 SERIES ONLY -----	1	
		ATTACHING PARTS		
-25	AN515-8R8	SCREW -----	5	
-26	NAS679A08	NUT -----	5	
		---*---		
-27	1513635-1	SUPPORT ASSY-RH 337 SERIES ONLY -----	1	
		ATTACHING PARTS		
-28	AN515-8R8	SCREW -----	4	
-29	NAS679A08	NUT -----	4	
		---*---		
-30	1513629-2	SUPPORT ASSY-LH 337 SERIES ONLY -----	AR	
		ATTACHING PARTS		
-31	AN515-8R8	SCREW -----	5	
-32	NAS679A08	NUT -----	5	
		---*---		
-33	1513662-20	SUPPORT ASSY-LH 337 SERIES ONLY -----	AR	
		ATTACHING PARTS		
	AN515-8R8	SCREW -----	4	
	NAS679A08	NUT -----	4	
		---*---		

CONTINUED ON NEXT PAGE

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-2 -34	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
-35	SEE FIG 3-2	OMNI ANTENNA INSTALLATION -----	1	
-36	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-37	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-38	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-39	SEE SEC 4	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
-40	S2008-1	RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-41	S1904-3	RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-41A	S1880-1	RHEOSTAT-RADIO DIMMING 1971 & ON MODEL 177RG ONLY -----	1	
-41B	S2091-1	VARIABLE RHEOSTAT-RADIO DIMMING 1971 & ON MODELS 182, 206- SERIES & 210 SERIES ONLY -----	1	
-42	S1995-1	KNOB-RHEOSTAT 1970 MODELS 182 & 206 SERIES ONLY -----	1	
-43	S1980-1	KNOB-RHEOSTAT 1970 MODEL 210 SERIES ONLY -----	1	
-43A	S1980-3	KNOB-RHEOSTAT 1971 & ON MODEL 177RG ONLY -----	1	
	AN565B8H3	SET SCREW-RHEOSTAT KNOB 1971 & ON MODEL 177RG ONLY -----	1	
-43B	S1995-4	KNOB-RHEOSTAT 1971 & ON MODELS 182, 206 SERIES & 210 ----- SERIES ONLY -----	1	
	AN565B2H3	SETSCREW-RHEOSTAT KNOB 1971 & ON MODELS 182, 206 SERIES - & 210 SERIES ONLY -----	1	
-44	1570164-1	SWITCH ASSY RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
-45	S1980-3	KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	
	AN565D8H2	SET SCREW-RHEOSTAT KNOB 1970 & ON MODEL 337 SERIES ONLY -	1	
-46		CABLE ASSY VHF ANT TO TRANSCEIVER -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-913/U	CONNECTOR RIGHT ANGLE -----	1	
-47		CABLE ASSY BALUN STUB TO TRANSCEIVER THRU 1970 MODEL- 182 & 206 SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-913/U	CONNECTOR CONNECTS TO BALUN STUB & TRANSCEIVER -----	1	
-48		CABLE ASSY TRANSCEIVER TO VERTICAL FIN CONNECTOR ----- 177RG ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL -----	2	
-49		CABLE ASSY VERTICAL FIN CABLE ALL 1971 & ON MODELS --	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	JACK-COAXIAL CONNECTS BETWEEN OMNI CABLE FROM XCVR ---- AND BALUN STUB 177RG ONLY -----	2	
-50		CABLE ASSY TRANSCEIVER TO OMNI CONNECTION AT STA. 55.62 - 210 SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL CONNECTS TO TRANSCEIVER -----	1	
	UG-89/U	JACK-COAXIAL CONNECTS TO STA. 55.62 -----	1	
-51		CABLE ASSY OMNI CABLE-STA. 55.62 TO STA. 152.20 ----- 210 SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	JACK-COAXIAL CONNECTS TO STA. 55.62 -----	1	
	UG-291/U	PANEL JACK CONNECTS TO STA. 152.20 -----	1	
-52		CABLE ASSY STA. 152.20 TO BALUN STUB THRU 1970 210 -- SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	CONNECTOR CONNECTS TO BALUN STUB AND OMNI CABLE AT ---- STA. 152.20 -----	1	
-53		CABLE ASSY STA. 152.20 TO VERTICAL FIN CONNECTOR ----- 1971 & ON 210 SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	CONNECTOR CONNECTS TO OMNI CABLE AT STA. 152.20 -----	1	
	UG-89/U	CONNECTOR CONNECTS TO VERTICAL FIN CABLE -----	1	
-54		CABLE ASSY TRANSCEIVER TO OMNI CABLE CONNECTION AT ----- WING ROOT 337 SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	CONNECTOR TRANSCEIVER END -----	1	
	UG-88C/U	PLUG-COAXIAL WING ROOT END -----	1	
-55		CABLE ASSY WING ROOT CONNECTION TO BOOM CONNECTION ----- SUPPLIED ON AIRCRAFT AS STANDARD EQUIPMENT ----- 337 SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-COAXIAL BOOM END -----	1	
	UG-89/U	RECEPTACLE-COAXIAL WING ROOT END -----	1	

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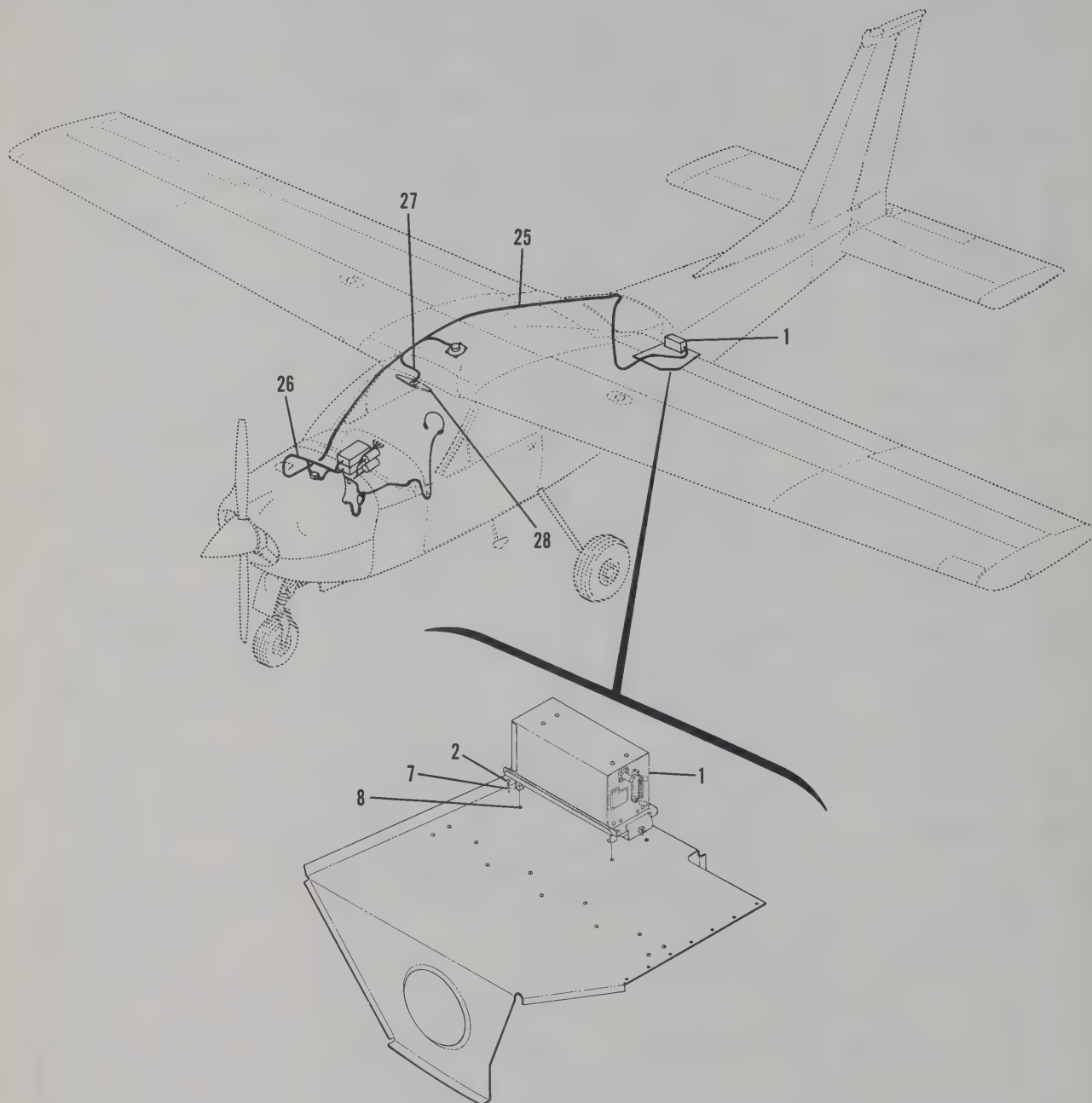
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-2 -56		CABLE ASSY BOOM CONNECTION TO BALUN STUB THRU -----	NP	
		1970 337 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	RECEPTACLE-COAXIAL -----	1	
	UG-89/U	PLUG-COAXIAL BALUN STUB END -----	1	
-57		CABLE ASSY BOOM CONNECTION TO OMNI VERTICAL FIN -----	NP	
		CONNECTOR 1971 & ON 337 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-89/U	CONNECTOR -----	2	
-58		MAIN CABLE ASSY -----	NP	
	K41271-1	PLUG 16 PIN CONNECTS TO TRANSCEIVER PIG TAIL AND --	2	
		POWER SUPPLY ONE REQD ON 210 SERIES NARO		
	K41182-2	CAP 16 PIN CONNECTS TO TRANSCEIVER PIG TAIL AND ---	2	
		POWER SUPPLY ONE REQD ON 210 SERIES NARO		
	K4116-1	CONNECTOR 6 PIN CONNECTS TO TRANSCEIVER -----	1	
	S1838-2	HOUSING 36 PIN CONNECTS TO P-1 ON AUDIO JUNCTION BOX-	1	
	1773-100	CONNECTOR KIT CONNECTS TO VOA-40 OR VOA-50M INDICATOR -	1	
		SUPPLIED WITH INDICATOR NARO		
	S1640-6	SOCKET CONNECTS TO MKR BCN CABLE USED ONLY WHEN ---	1	
		MKR BCN IS INSTALLED WITH VOA-50M		
	41291-101	CONNECTOR CONNECTS TO UGR-2 GLIDE SLOPE USED -----	1	
		ONLY WHEN GLIDE SLOPE IS INSTALLED WITH VOA-50M NARO		
	41247-102	CONNECTOR CONNECTS TO TRANSCEIVER PIG TAIL USED ---	1	
		ONLY WHEN GLIDE SLOPE IS INSTALLED		
	S1961-2-4	HOUSING CAP CONNECTS TO WING ROOT CONNECTOR -----	1	
		210 SERIES ONLY		
	S1960-2-0	HOUSING CAP CONNECTS TO WING ROOT CONNECTOR -----	1	
		210 SERIES ONLY		
-59		CABLE ASSY WING ROOT TO POWER SUPPLY 210 SERIES ONLY-	NP	
	S1961-1-4	HOUSING-PLUG CONNECTS TO WING ROOT CONNECTOR -----	1	
	S1960-1-0	HOUSING-PLUG CONNECTS TO WING ROOT CONNECTOR -----	1	
	K41271-1	PLUG 16 PIN CONNECTS TO POWER SUPPLY -----	1	
	K41182-2	CAP 16 PIN CONNECTS TO POWER SUPPLY -----	1	
-60		CABLE ASSY MKR BCN RCVR TO AUDIO JUNCTION BOX SWITCHES --	NP	
		AND INDICATOR		
	28371-0009	CONNECTOR CONNECTS TO MKR BCN RCVR NARO -----	1	
	S1838-3	HOUSING CONNECTS TO P3 ON AUDIO JUNCTION BOX -----	1	
	S1838-1	HOUSING CONNECTS TO P2 ON AUDIO JUNCTION BOX -----	1	
	S1960-1-0	HOUSING-PLUG 177RG ONLY -----	1	
	S1960-1-0	HOUSING-CAP 177RG ONLY -----	1	
-61	S1696-2	SWITCH SPKR-PHONE -----	1	
-62	S1695-1	SWITCH HI-LO SENSE THRU 1970 MODELS ONLY -----	1	
-63	S2062-1	CONTROL HI-LO SENSE 1971 & ON MODELS -----	1	
-64	S1696-4	SWITCH TEST -----	1	
	VAL3-12	RESISTOR -----	1	
	F4	DIODE ALL MODELS EXCEPT 177RG -----	3	
	1N2070	DIODE 1971 & ON 177RG ONLY -----	3	
	S1641-6	SOCKET CONNECTS TO VOA-50M INDICATOR -----	1	
-65	S1216-3	NUT-DECORATIVE 3 REQD THRU 1970 MODELS & 2 REQD ON -----	2	
		1971 & ON MODELS		
-66	S2093-1	KNOB ALL 1971 & ON MODELS -----	1	
-67	MS25082-20	NUT ALL 1971 & ON MODELS -----	1	
-68	2013058	BRACKET 177RG ONLY -----	REF	
-69	1770017-1	BRACKET 177RG ONLY -----	1	
-70	0713941-3	SUPPORT ASSY THRU 1970 182 MODELS ONLY -----	1	
-71	0713941-7	SUPPORT ASSY 1971 & ON 182 MODELS ONLY -----	1	
-72	0713278-11	COVER-INSTRUMENT PANEL REPLACES 0713278-7 COVER WHEN ---	1	
		MARK 12B WITH VOA-50M IS INSTALLED THRU 1970 182		
		MODELS ONLY		
-73	0713278-17	COVER-INSTRUMENT PANEL REPLACES 0713278-13 COVER WHEN ---	1	
		MARK 12B WITH VOA-50M IS INSTALLED 1971 & ON 182		
		MODELS ONLY		
-74	1213169-7	SUPPORT ASSY THRU 1970 P206 SERIES & 210 SERIES ONLY ----	1	
-75	1213169-13	SUPPORT ASSY 1971 & ON U206 & 210 SERIES ONLY -----	1	
-76	1213096-15	COVER-INSTRUMENT PANEL REPLACES 1213096-6 COVER WHEN ----	1	
		MARK 12B WITH VOA-50M IS INSTALLED THRU 1970 P206		
		SERIES ONLY		
-77	1213096-41	COVER-INSTRUMENT PANEL REPLACES 1213096-27 COVER WHEN ---	1	
		MARK 12B WITH VOA-50M IS INSTALLED 1971 & ON U206		
		SERIES ONLY		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-2 -78	1213096-21	COVER-INSTRUMENT PANEL REPLACES 1213096-9 COVER WHEN ---- MARK 12B WITH VOA-50M IS INSTALLED THRU 1970 210 SERIES ONLY	AR	
-79	1213096-23	COVER-INSTRUMENT PANEL REPLACES 1213096-10 COVER WHEN --- MARK 12B WITH VOA-50M IS INSTALLED THRU 1970 210 SERIES ONLY	AR	
-80	1213096-24	COVER-INSTRUMENT PANEL REPLACES 1213096-14 COVER ASSY --- WHEN MARK 12B WITH VOA-50M IS INSTALLED THRU 1970 210 SERIES ONLY	AR	
-81	1213096-41	COVER-INSTRUMENT PANEL REPLACES 1213096-27 WHEN POST LTS- ARE NOT REQD 1971 & ON 210 SERIES ONLY	AR	
-82	1213096-43	COVER-INSTRUMENT PANEL REPLACES 1213096-31 WHEN POST LTS- ARE REQD 1971 & ON 210 SERIES ONLY	AR	
-83	1570226	BRACKET 337 SERIES ONLY -----	1	
-84	1570222-1	BRACKET 1971 & ON 337 SERIES ONLY -----	1	
-85	1513684-6	COVER-INSTRUMENT PANEL REPLACES 1513684-5 COVER ON STD -- T337 ACFT THRU 1970 T337 SERIES ONLY	AR	
-86	1513684-7	COVER-INSTRUMENT PANEL REPLACES 1513684-5 COVER ON 337 -- ACFT WITH POST LTS THRU 1970 337 SERIES ONLY	AR	
-87	1513684-8	COVER-INSTRUMENT PANEL REPLACES 1513684-5 COVER ON T337 - ACFT WITH POST LTS THRU 1970 T337 SERIES ONLY	AR	
-88	1513684-9	COVER-INSTRUMENT PANEL REPLACES 1513684-5 COVER ON STD -- 337 ACFT W/OIL DILUTION THRU 1970 337 SERIES ONLY	AR	
-89	1513684-10	COVER-INSTRUMENT PANEL REPLACES 1513684-5 COVER FOR ---- T337 W/OIL DILUTION THRU 1970 T337 SERIES ONLY	AR	
-90	1513684-11	COVER-INSTRUMENT PANEL REPLACES 1513684-5 COVER ON STD -- 337 ACFT WITH POST LTS & OIL DIL THRU 1970 337 SERIES ONLY	AR	
-91	1513684-12	COVER-INSTRUMENT PANEL REPLACES 1513684-5 COVER ON T337 - WITH POST LTS & OIL DIL THRU 1970 T337 SERIES ONLY	AR	
-92	1513684-14	COVER-INSTRUMENT PANEL REPLACES 1513684-13 COVER ON STD - T337 ACFT 1971 & ON T337 SERIES ONLY	AR	
-92A	1513684-15	COVER-INSTRUMENT PANEL REPLACES 1513684-13 COVER ON 337 - ACFT WITH POST LTS 1971 & ON 337 SERIES ONLY	AR	
-92B	1513684-16	COVER-INSTRUMENT PANEL REPLACES 1513684-13 COVER ON T337- ACFT WITH POST LTS 1971 & ON T337 SERIES ONLY	AR	
-92C	1513684-17	COVER-INSTRUMENT PANEL REPLACES 1513684-13 COVER ON STD - 337 ACFT W/OIL DILUTION 1971 & ON 337 SERIES ONLY	AR	
-92D	1513684-18	COVER-INSTRUMENT PANEL REPLACES 1513684-13 COVER FOR ---- T337 W/OIL DILUTION 1971 & ON T337 SERIES ONLY	AR	
-92E	1513684-19	COVER-INSTRUMENT PANEL REPLACES 1513684-13 COVER ON STD - 337 ACFT WITH POST LTS & OIL DIL 1971 & ON 337 SERIES ONLY	AR	
-92F	1513684-20	COVER-INSTRUMENT PANEL REPLACES 1513684-13 COVER ON T337- WITH POST LTS & OIL DIL 1971 & ON T337 SERIES ONLY	AR	
-93	AV-10CNA	COUPLER-OMNI ANTENNA USED ONLY ON DUAL NARCO MARK 12B --- RADIO INSTALLATIONS ASC THRU 1970 MODELS ONLY	1	
-94	S2086-1	ANTENNA-COUPLER USED ONLY ON DUAL NARCO MARK 12B ----- RADIO INSTALLATIONS 1971 & ON MODELS ONLY	1	
	S2115-1	PLUG ATTACHES TO G/S RCVR POSITION ON ITEM 94 TWO --- REQD IF SECOND OMNI POSITION IS NOT USED ALL 1971 & ON MODELS	1	

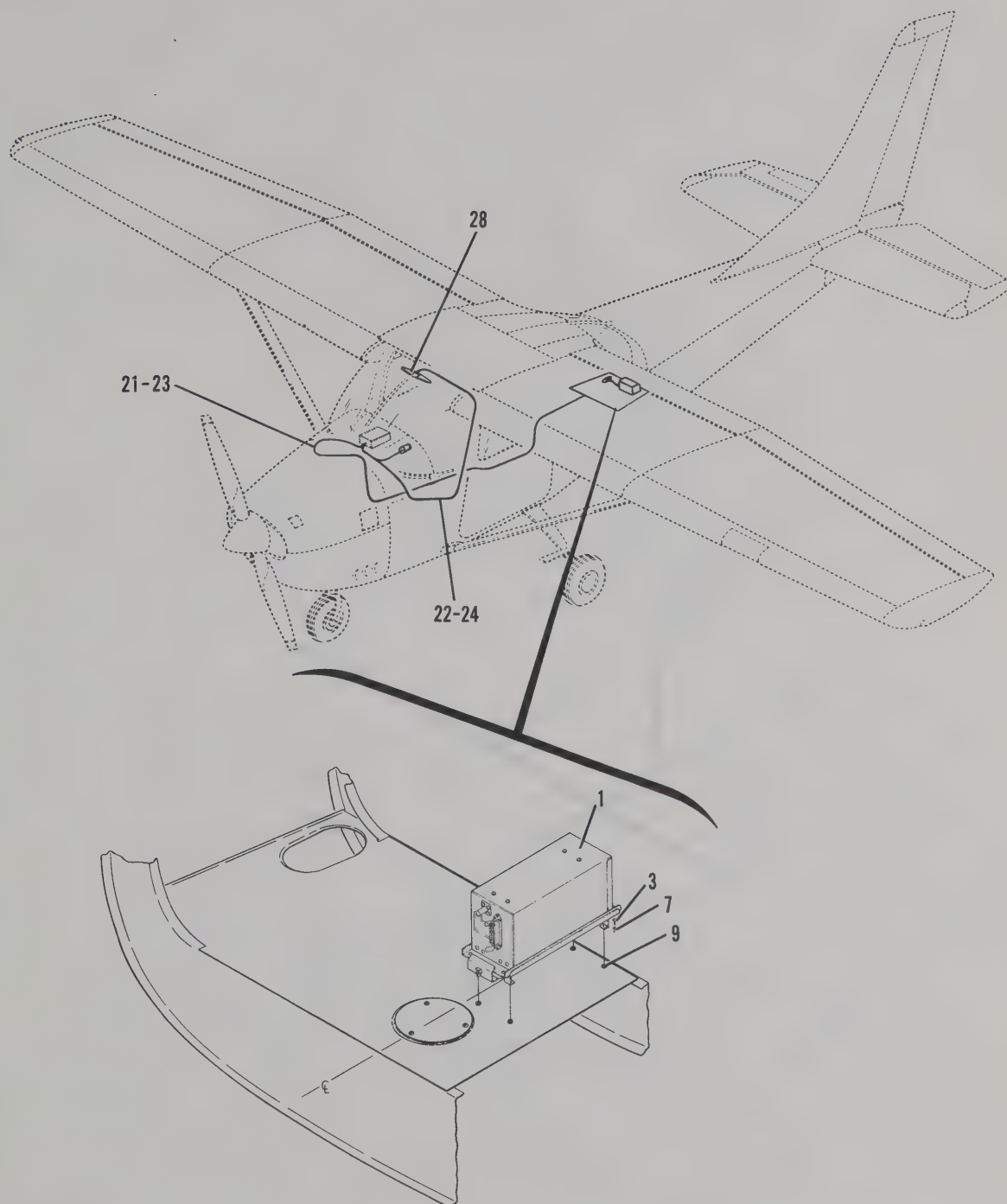
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



177RG SERIAL 177RG0001 THRU 177RG0212
F177RG SERIAL F177RG0001 THRU F177RG0042

Figure 2-3. Narco (UGR-2) Glide Slope Receiver Installation (Sheet 1 of 6)

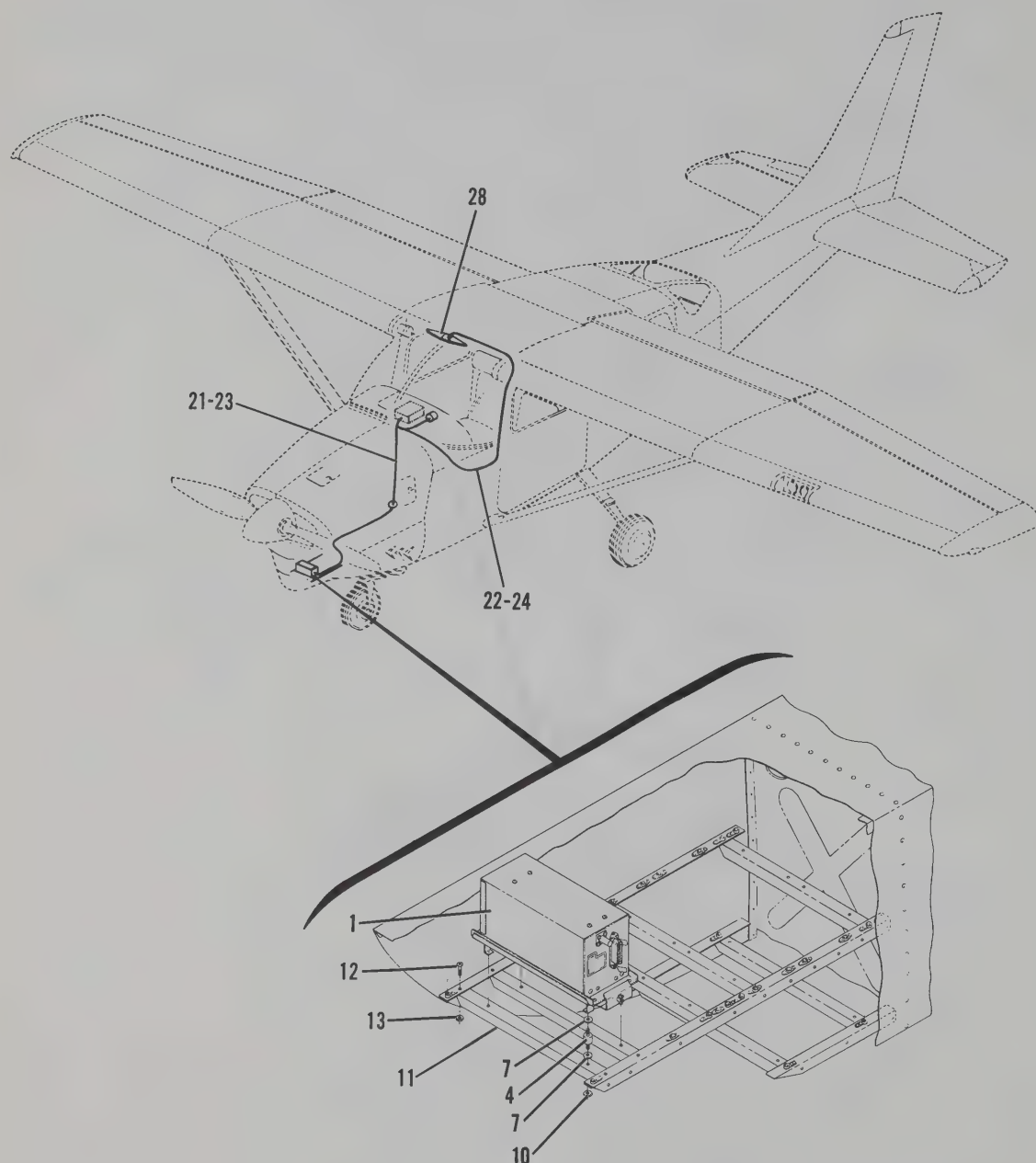
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



182 SERIAL 18259306 THRU 18260825

Figure 2-3. Narco (UGR-2) Glide Slope Receiver Installation (Sheet 2 of 6)

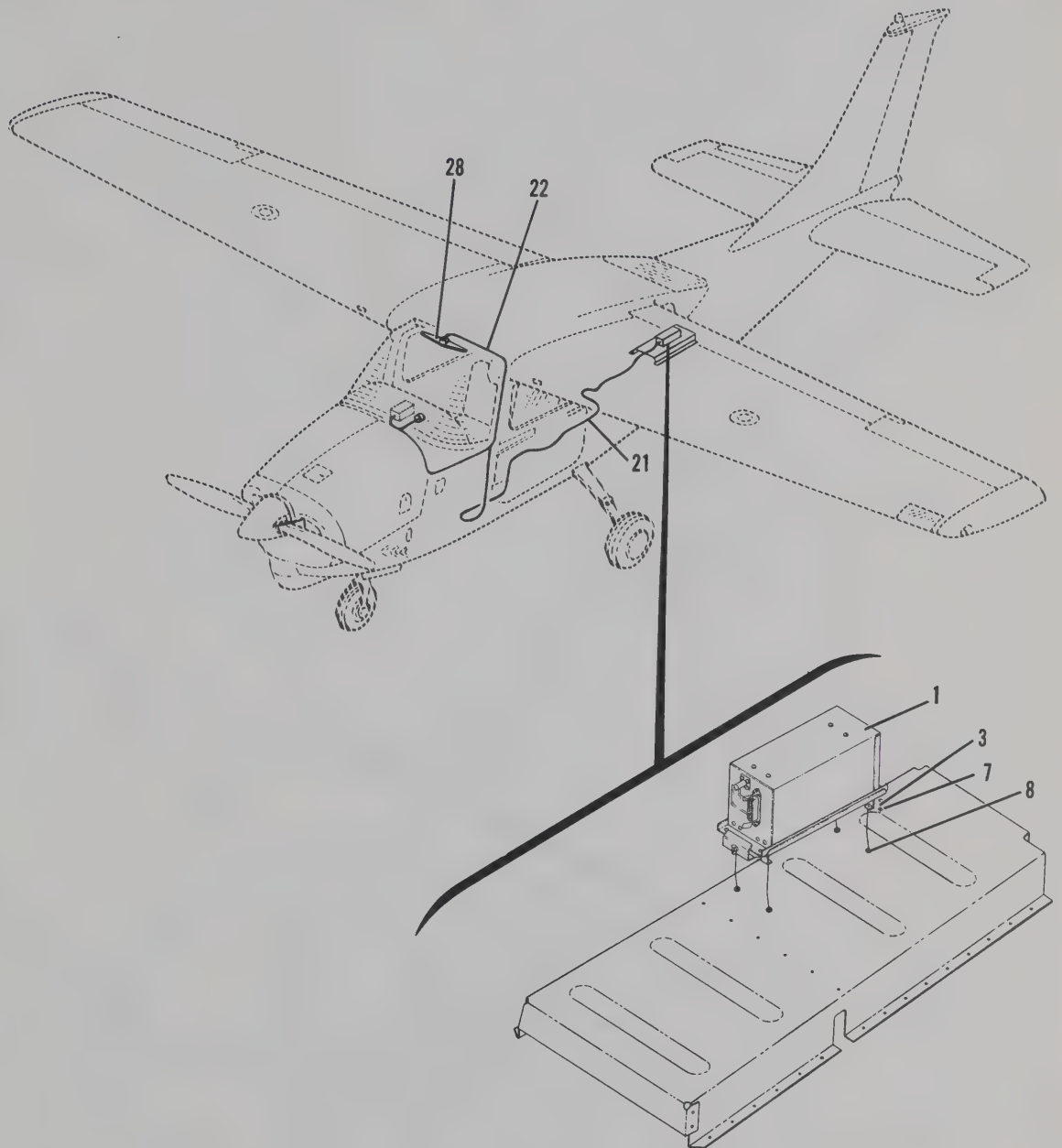
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



U206 SERIAL U20601588 THRU U20601702
P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648

Figure 2-3. Narco (UGR-2) Glide Slope Receiver Installation (Sheet 3 of 6)

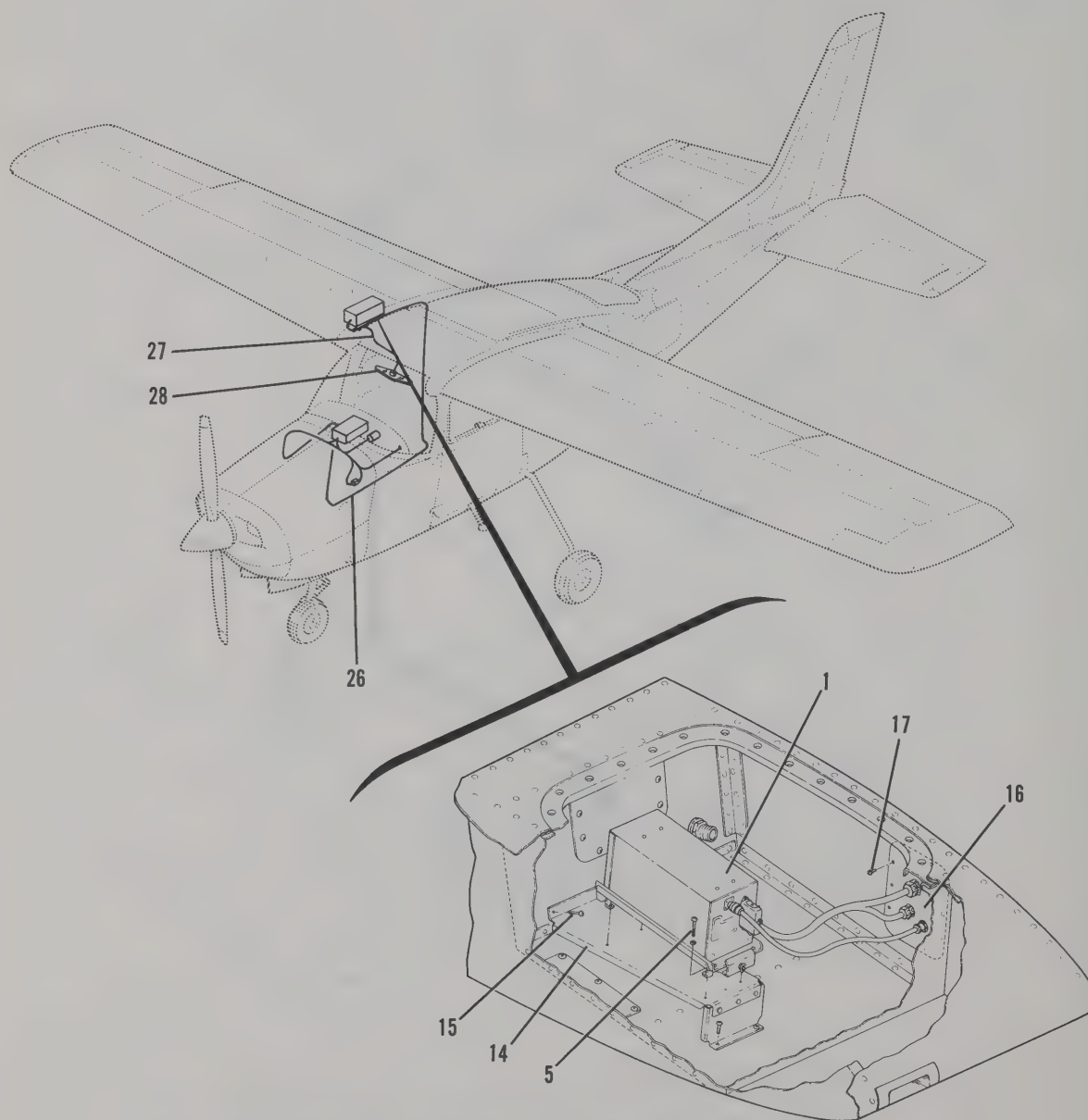
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



210 SERIAL 21059062 THRU 21059199
T210 SERIAL T210-0393 THRU T210-0454

Figure 2-3. Narco (UGR-2) Glide Slope Receiver Installation (Sheet 4 of 6)

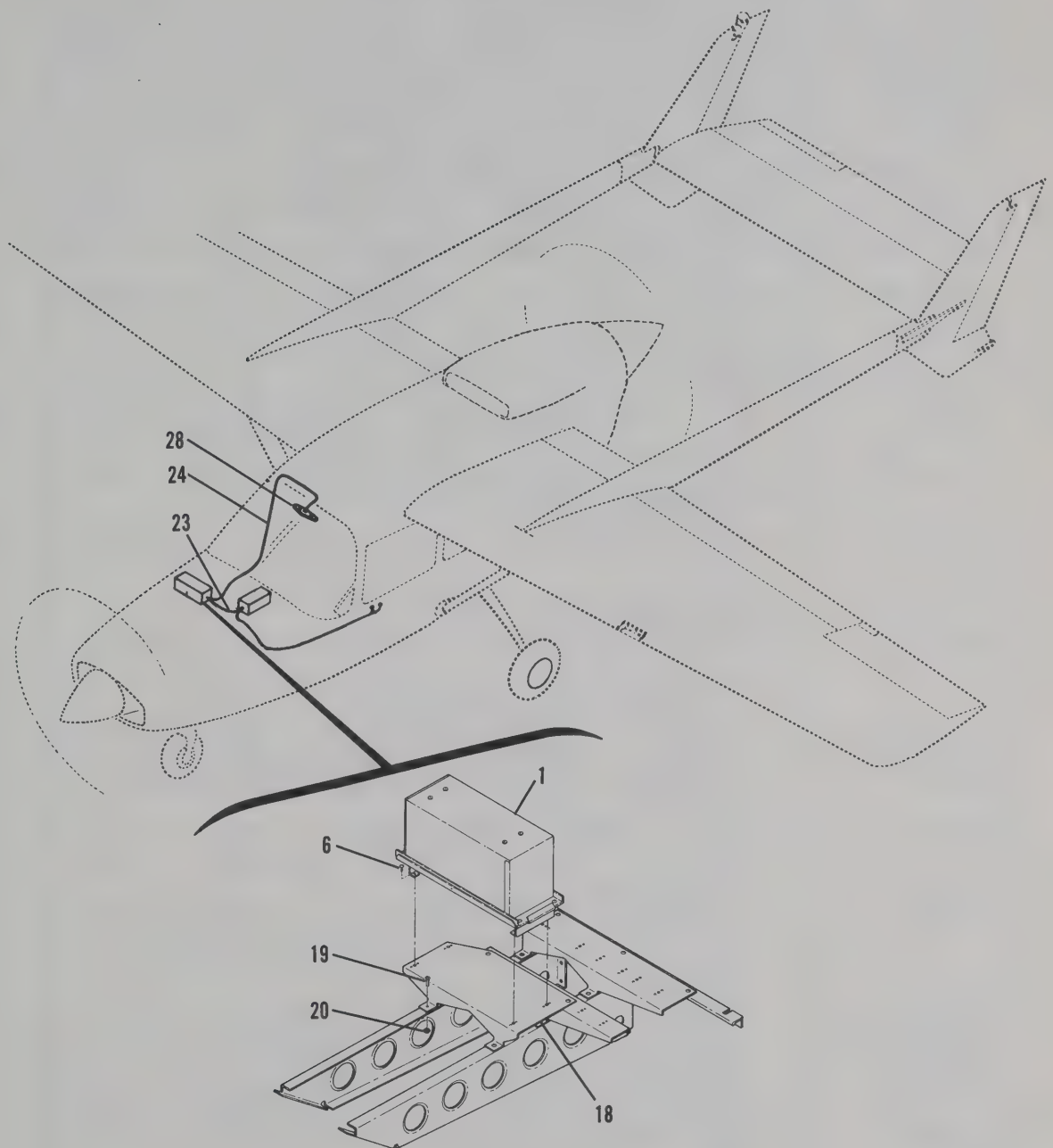
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



210 SERIAL 21059200 THRU 21059502
T210 SERIAL T21059200 THRU T21059502

Figure 2-3. Narco (UGR-2) Glide Slope Receiver Installation (Sheet 5 of 6)

NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



337 SERIAL 33701194 THRU 33701398
T337 SERIAL T33701194 THRU T33701398
F337 SERIAL F33700001 THRU F33700045
FT337 SERIAL FT33700001 THRU FT33700045

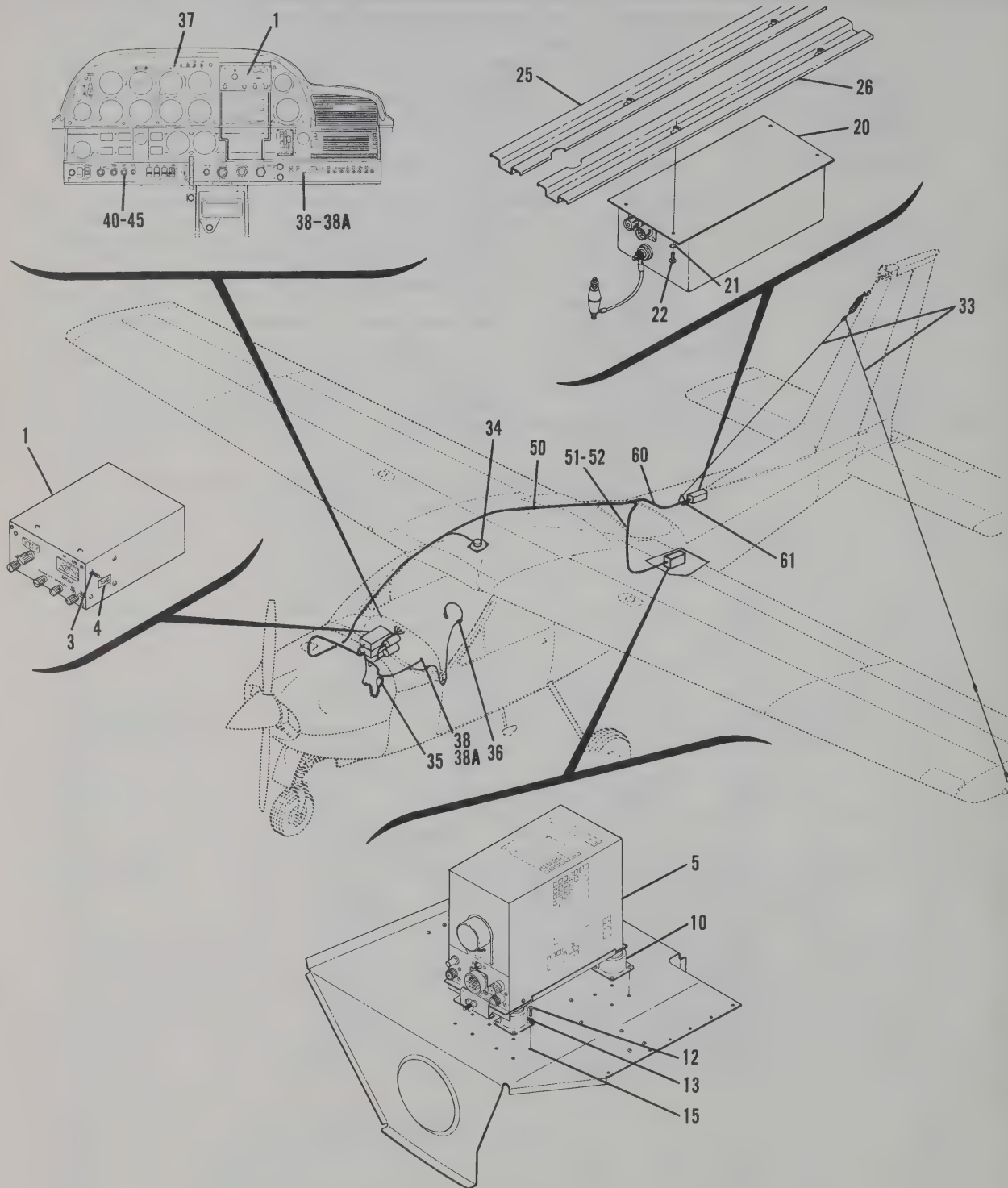
Figure 2-3. Narco (UGR-2) Glide Slope Receiver Installation (Sheet 6 of 6)

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-3 -		NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION ----- ALL MODELS THRU 1971 ONLY-----	NP	
- 1	UGR-2	RECEIVER-20 CHANNEL NARO ----- ATTACHING PARTS	1	
- 2	AN515-8R6	SCREW MODEL 177RG ONLY -----	4	
- 3	AN515-8R16	SCREW ALL MODELS 182 & 1969 210 SERIES ONLY -----	4	
- 4	0411059-3	SHOCK MOUNT 206 SERIES ONLY -----	4	
- 5	AN515-6R6	SCREW 1970 & ON 210 SERIES ONLY -----	4	
- 6	AN515-6R8	SCREW 1970 & ON 337 SERIES ONLY -----	4	
- 7	AN936A8	WASHER MODELS 177RG, 182, 206 SERIES & 1969 210 SERIES -- ONLY 8 REQD ON 206 SERIES	4	
- 8	S1648-08K75	NUT MODEL 177RG & 1969 210 SERIES ONLY -----	4	
- 9	A8K75	RIVNUT MODEL 182 ONLY -----	4	
-10	AN340B8	NUT 206 SERIES ONLY USED WITH ITEM #4 -----	8	
-11	1270627-56	ATTACH ANGLE 206 SERIES ONLY ----- ATTACHING PARTS	2	
-12	AN520-10R6	SCREW -----	4	
-13	MS21044N3	NUT -----	4	
-14	1270703-1	RADIO SUPPORT ASSY 1970 & ON 210 SERIES ONLY ----- ATTACHING PARTS	1	
-15	AN515-8R8	SCREW -----	4	
-16	1221248-5	PLATE USED WITH UGR-2 ONLY 210 SERIES ONLY -----	1	
	1221248-9	PLATE USED WHEN 300 HF IS INSTALLED WITH UGR-2 210 -- SERIES ONLY	1	A
	1221248-17	PLATE USED WHEN 300 HF IS INSTALLED WITH UGR-2 210 -- SERIES ONLY	1	B
		ATTACHING PARTS		
	1221253-2	SEAL -----	1	
-17	AN515-8R6	SCREW -----	10	
-18	1570228-1	SUPPORT ASSY 1970 & ON 337 SERIES ONLY ----- ATTACHING PARTS	1	
-19	AN515-8R8	SCREW -----	2	
-20	NAS679A08	NUT -----	2	
-21		CABLE ASSY UGR-2 RCVR TO MARK 12A RCVR AND VOA-9 ----- INDICATOR USED ON 1969 MODELS ONLY	NP	
	41291-101	CONNECTOR CONNECTS TO UGR-2 RCVR NARO -----	1	
	470 OHM 1/4 W	RESISTOR CONNECTS TO PINS 14 & 18 ON UGR-2 RCVR -----	1	
	1000 OHM 1/4 W	RESISTOR CONNECTS TO PINS 19 & 23 ON UGR-2 RCVR -----	1	
	41247-102	CONNECTOR CONNECTS TO MARK 12A PIG TAIL CONNECTOR ----- MRA-14S NARO	1	
	41223-2	PLUG CONNECTS TO VOA-9 INDICATOR NARO -----	1	
	41228-6	CLAMP CONNECTS TO VOA-9 INDICATOR NARO -----	1	
-22		CABLE ASSY UGR-2 RCVR TO GLIDE SLOPE ANTENNA USED ON- 1969 MODELS ONLY	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG-CONNECTS TO UGR-2 RCVR -----	1	
-23		CABLE ASSY UGR-2 RCVR TO MARK 12B RCVR & VOA-50M ----- INDICATOR USED ON 1970 & ON MODEL 182, 206 SERIES & 337 SERIES	NP	
	41291-101	CONNECTOR CONNECTS TO UGR-2 RCVR -----	1	
	1000 OHM 1/4 W	RESISTOR CONNECTS TO 41291-101 CONNECTOR -----	1	
	470 OHM 1/4 W	RESISTOR CONNECTS TO 41291-101 CONNECTOR -----	1	
	1773-100	CONNECTOR KIT CONNECTS TO VOA-50M INDICATOR -----	1	
	K41116-1	CONNECTOR CONNECTS TO MARK 12B RCVR -----	1	
	41247-102	CONNECTOR CONNECTS TO MARK 12B MRA-14S PIGTAIL -----	1	
-24		CABLE ASSY UGR-2 RCVR TO GLIDE SLOPE ANTENNA ----- COAXIAL CABLE BULK ITEM -----	NP	
	RG-58A/U	PLUG CONNECTS TO UGR-2 RCVR -----	AR	
	UG-88C/U		1	
CONTINUED ON NEXT PAGE				

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-3 -25		CABLE ASSY UGR-2 RCVR TO MARK 12B RCVR WIRING & VOA-50M - INDICATOR WIRING USED ON 1970 & ON 210 SERIES & 1971 & ON MODEL 177RG	NP	
	41291-101	CONNECTOR CONNECTS TO UGR-2 RCVR -----	1	
	1000 OHM 1/4 W	RESISTOR CONNECTS TO 41291-101 CONNECTOR -----	1	
	470 OHM 1/4 W	RESISTOR CONNECTS TO 41291-101 CONNECTOR -----	1	
	S1960-1-2	HOUSING-CAP CONNECTS TO VOA-50M INDICATOR WIRING -----	1	
	S1961-1-2	HOUSING-CAP 210 SERIES ONLY CONNECTS TO MARK 12B --	1	
		RCVR WIRING		
	S1962-1-2	HOUSING-CAP MODEL 177RG ONLY CONNECTS TO MARK 12B -	1	
		RCVR WIRING		
		CABLE ASSY CONNECTS TO UGR-2 WIRING -----	NP	
-26	41247-102	CONNECTOR CONNECTS TO MARK 12B MRA-14S PIGTAIL -----	1	
	K41116-1	CONNECTOR CONNECTS TO MARK 12B RCVR -----	1	
	1773-100	CONNECTOR KIT CONNECTS TO VOA-50M INDICATOR -----	1	
	S1960-2-2	HOUSING-PLUG CONNECTS TO UGR-2 RCVR WIRING -----	1	
	S1962-2-2	HOUSING-PLUG MODEL 177RG ONLY CONNECTS TO UGR-2 ---	1	
		RCVR WIRING		
	S1961-2-2	HOUSING-PLUG 210 SERIES ONLY CONNECTS TO UGR-2 ----	1	
-27		CABLE ASSY UGR-2 RCVR TO ANTENNA -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG MODEL 177RG ONLY CONNECTS TO UGR-2 RCVR -----	1	
-28	2-331350-1	CONNECTOR 210 SERIES ONLY CONNECTS TO UGR-2 RCVR --	1	
	SEE FIG 3-3	GLIDE SLOPE ANTENNA INSTALLATION -----	1	
		A---210 SERIAL 21059200 THRU 21059384, 21059386 THRU 21059397 & 21059399		
		B---210 SERIAL 21059385, 21059398 & 21059400 & ON		

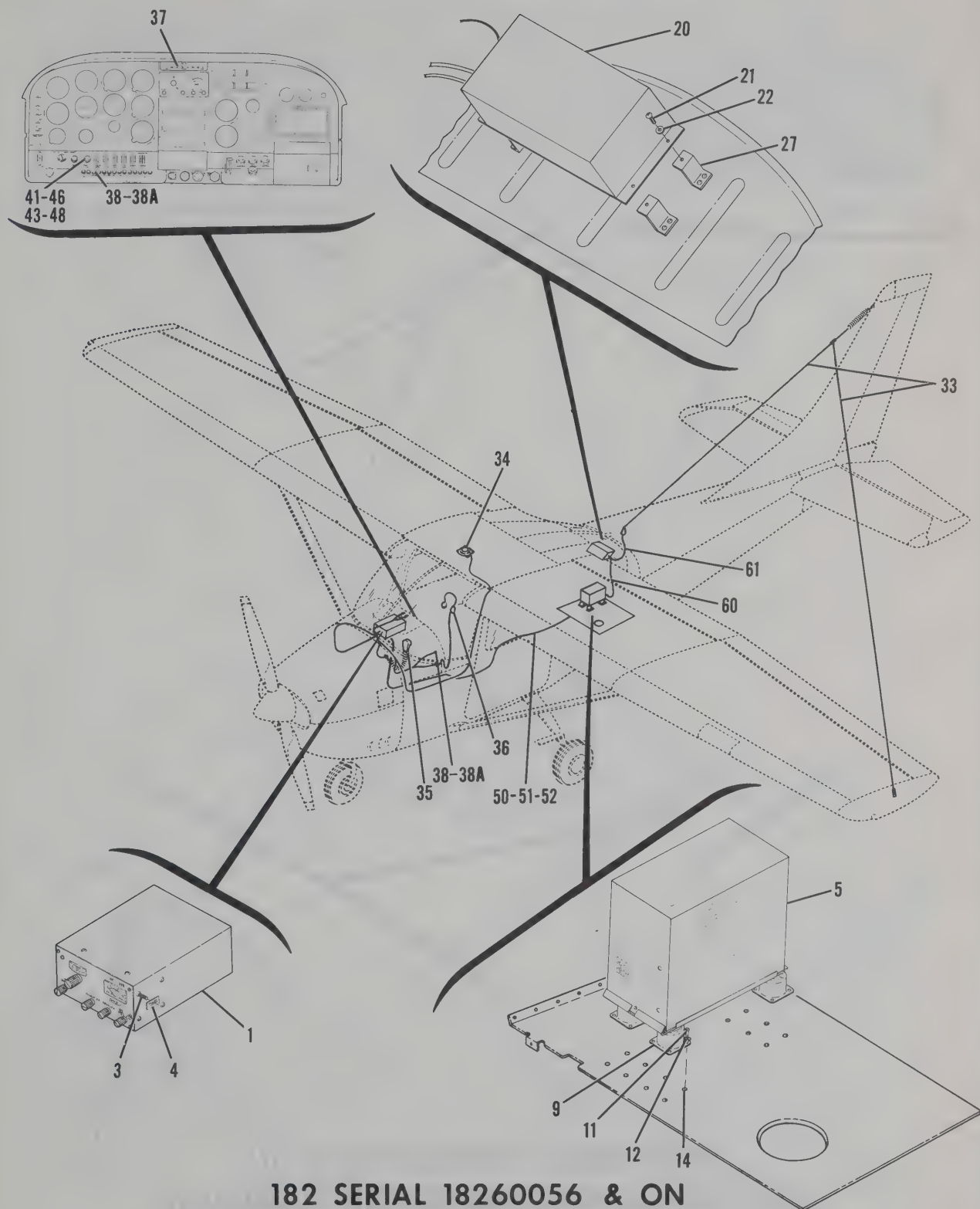
SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION



**177RG SERIAL 177RG0001 & ON
F177RG SERIAL F177RG0001 & ON**

Figure 2-4. Sunair Single Side-Band (Type ASB-125) Radio Installation (Sheet 1 of 5)

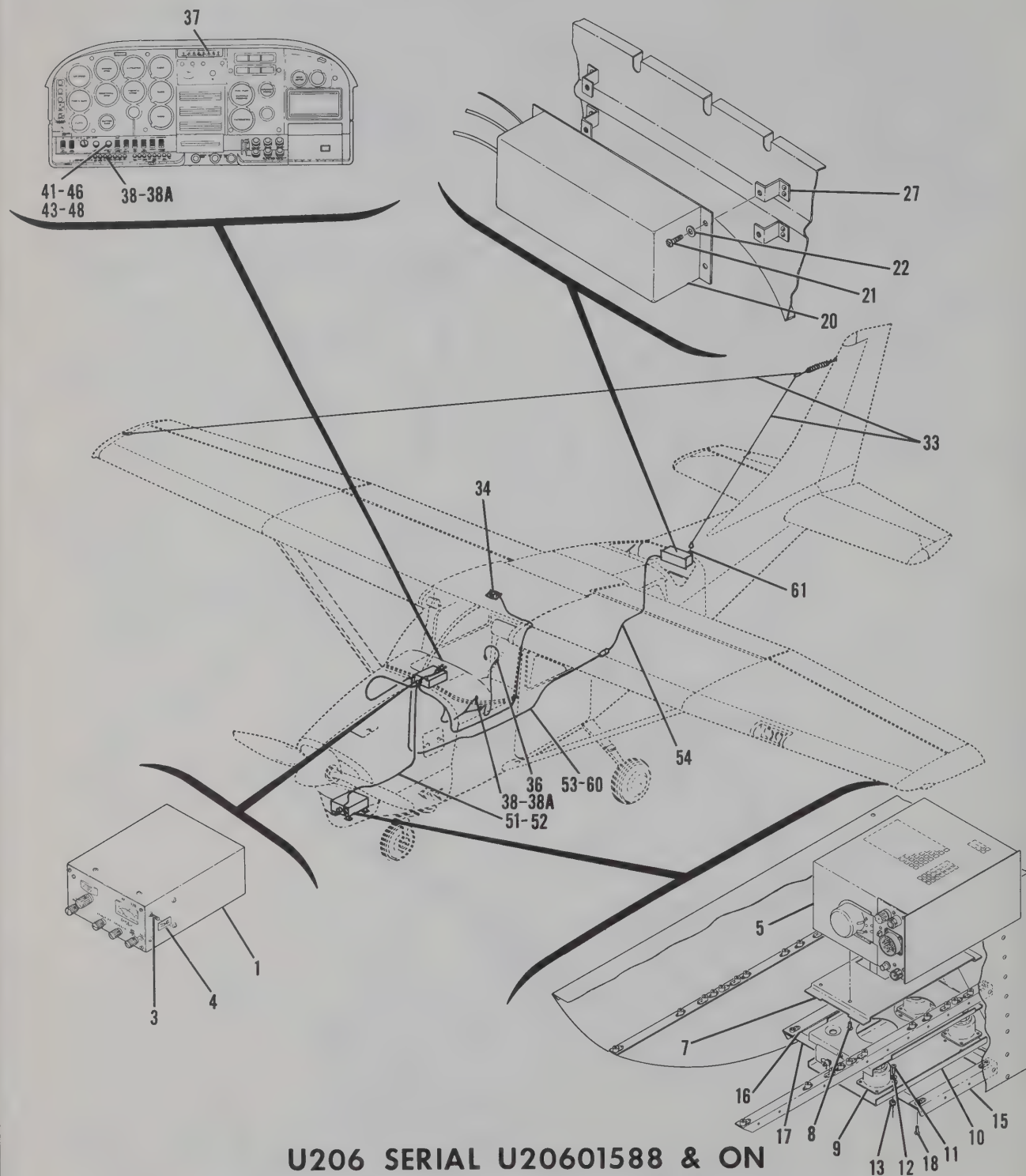
SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION



**182 SERIAL 18260056 & ON
A182 SERIAL A182-0097 & ON**

Figure 2-4. Sunair Single Side-Band (Type ASB-125) Radio Installation (Sheet 2 of 5)

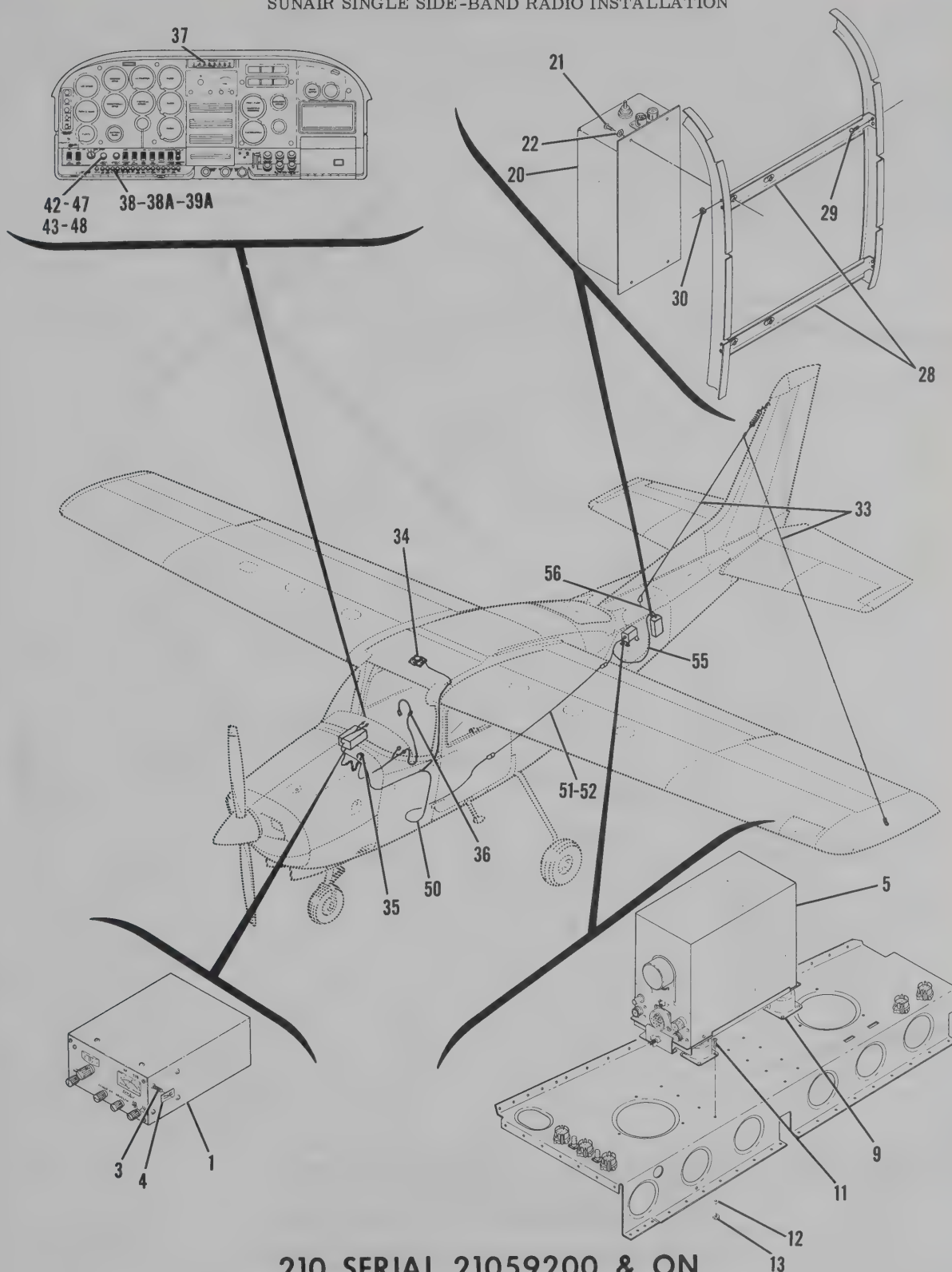
SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION



U206 SERIAL U20601588 & ON
P206 SERIAL P20600604 THRU P20600648
TP206 SERIAL TP20601445 THRU TP20600648

Figure 2-4. Sunair Single Side-Band (Type ASB-125) Radio Installation (Sheet 3 of 5)

SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL T21059200 & ON

Figure 2-4. Sunair Single Side-Band (Type ASB-125) Radio Installation (Sheet 4 of 5)

SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION

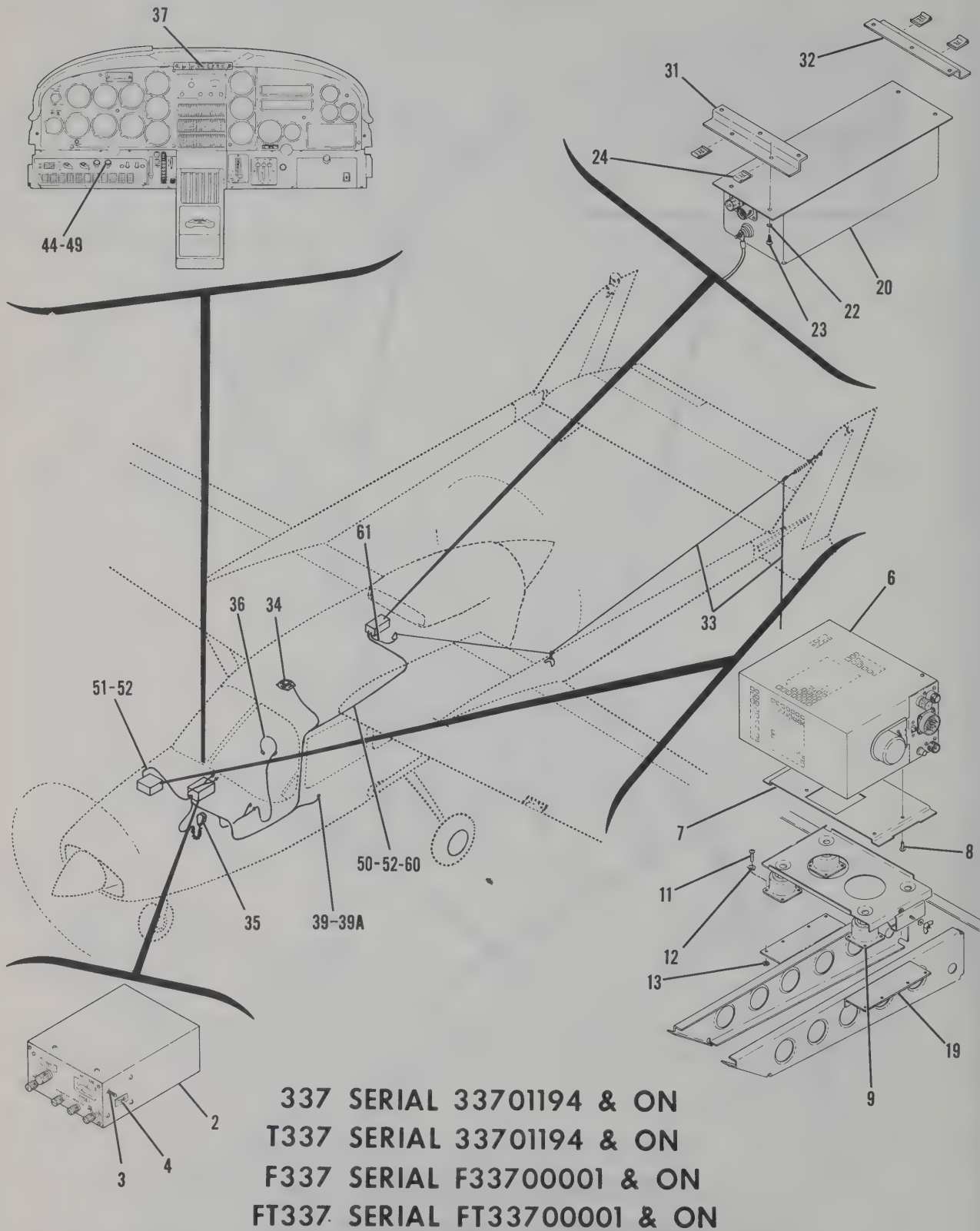


Figure 2-4. Sunair Single Side-Band (Type ASB-125) Radio Installation (Sheet 5 of 5)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-4 -		SUNAIR SINGLE SIDE BAND TYPE ASB-125 RADIO INSTALLATION -----	NP	
- 1	99680	TRANSCEIVER TYPE RE 1200 14V ONLY SUNA -----	1	
- 2	99681	TRANSCEIVER TYPE RE 1200 28V ONLY SUNA -----	1	
		ATTACHING PARTS		
- 3	S1022Z6-8	SCREW -----	4	
- 4	NAS446-2-3	NUT -----	4	
		-----*		
- 5	99682	POWER SUPPLY TYPE PA-1010A 14V ONLY SUNA -----	1	
- 6	99683	POWER SUPPLY TYPE PA-1010A 28V ONLY SUNA -----	1	
		ATTACHING PARTS		
- 7	10179	SIDE MOUNTING PLATE SUNA 206 & 337 SERIES ONLY -----	1	
- 8	AN515-8R6	SCREW 206 SERIES & 337 SERIES ONLY -----	4	
	NAS679A08	NUT 206 SERIES & 337 SERIES ONLY -----	4	
- 9	99916	SHOCKMOUNT SUNA -----	1	
-10	1270668-1	MOUNTING PLATE 206 SERIES ONLY -----	1	
-11	AN515-8R8	SCREW 16 REQD ON 182 -----	8	
-12	AN936A8	WASHER 16 REQD ON 182 -----	8	
-13	NAS679A08	NUT ALL MODELS EXCEPT 177RG & 182 -----	8	
-14	S1648-08-75	RIVNUT 177RG & 182 ONLY -----	16	
		-----*		
-15	1270669-1	ANGLE ASSY LH 206 SERIES ONLY -----	1	
-16	1270669-2	ANGLE ASSY RH 206 SERIES ONLY -----	1	
-17	1270669-5	ANGLE 206 SERIES ONLY -----	2	
		ATTACHING PARTS		
-18	AN515-10R8	SCREW -----	4	
		-----*		
-19	1570232-1	SUPPORT ANGLE 337 SERIES ONLY -----	2	
		ATTACHING PARTS		
	AN515-8R6	SCREW -----	6	
	NAS679A08	NUT -----	6	
		-----*		
-20	99816	ANTENNA COUPLER TYPE CU-110 SUNA -----	1	
		ATTACHING PARTS		
-21	AN515-8R8	SCREW -----	4	
-22	AN960-8L	WASHER -----	4	
-23	S1021Z6-4	SCREW 337 SERIES ONLY -----	4	
-24	NAS395-6-3	NUT 337 SERIES ONLY -----	4	
		-----*		
-25	1712130-3	SUPPORT ASSY 177RG SERIES ONLY -----	4	
-26	1712130-4	SUPPORT ASSY 177RG SERIES ONLY -----	4	
-27	1212015-1	SUPPORT ASSY 182 & 206 SERIES ONLY -----	4	
-28	1270690-2	BRACKET ASSY 210 SERIES ONLY -----	2	
		ATTACHING PARTS		
-29	AN515-6R7	SCREW -----	8	
-30	NAS679A06	NUT -----	8	
		-----*		
-31	1570233-1	SUPPORT ANGLE FWD USED ON 337 SERIES ONLY -----	1	
-32	1570233-2	SUPPORT ANGLE AFT USED ON 337 SERIES ONLY -----	1	
-33	SEE FIG 3-5	MEDIUM AND HIGH FREQUENCY ANTENNA INSTALLATION -----	1	
-34	SEE FIG 4-6	SPEAKER INSTALLATION -----	1	
-35	SEE SEC 4	MICROPHONE INSTALLATION -----	1	
-36	SEE FIG 4-9	HEADSET INSTALLATION -----	1	
-37	SEE SEC 4	TRANSMITTER & AUDIO SELECTOR SWITCH INSTALLATION -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
-38	S1360-20	CIRCUIT BREAKER 14 VOLT SYSTEM ONLY -----	1	C
	S1360-5	CIRCUIT BREAKER USED ONLY WHEN SECOND 14 VOLT RADIO -----	1	C
		IS INSTALLED		
-38A	S1360-20L	CIRCUIT BREAKER WITHOUT NUT 14 VOLT SYSTEM ONLY -----	1	D
	S1360-5L	CIRCUIT BREAKER WITHOUT NUT USED ONLY WHEN -----	1	D
		SECOND 14 VOLT RADIO IS INSTALLED		
-39	S1360-10	CIRCUIT BREAKER 28 VOLT SYSTEM ONLY -----	1	C
-39A	S1360-10L	CIRCUIT BREAKER WITHOUT NUT 28 VOLT SYSTEM ONLY -----	1	D
	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER USE WITH ITEMS 38A -----	1	D
		AND 39A ONLY		
-40	S1880-1	* RHEOSTAT-RADIO DIMMING 177RG SERIES ONLY -----	1	
-41	S2008-1	* RHEOSTAT-RADIO DIMMING 1970 MODEL 182 & 206 SERIES ONLY -	1	
-42	S1904-3	* RHEOSTAT-RADIO DIMMING 1970 MODEL 210 SERIES ONLY -----	1	
-43	S2091-1	* VARIABLE RHEOSTAT-RADIO DIMMING 1971 & ON MODELS 182, ---	1	
		206 SERIES & 210 SERIES ONLY		
-44	1570164-1	* SWITCH ASSY-RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	

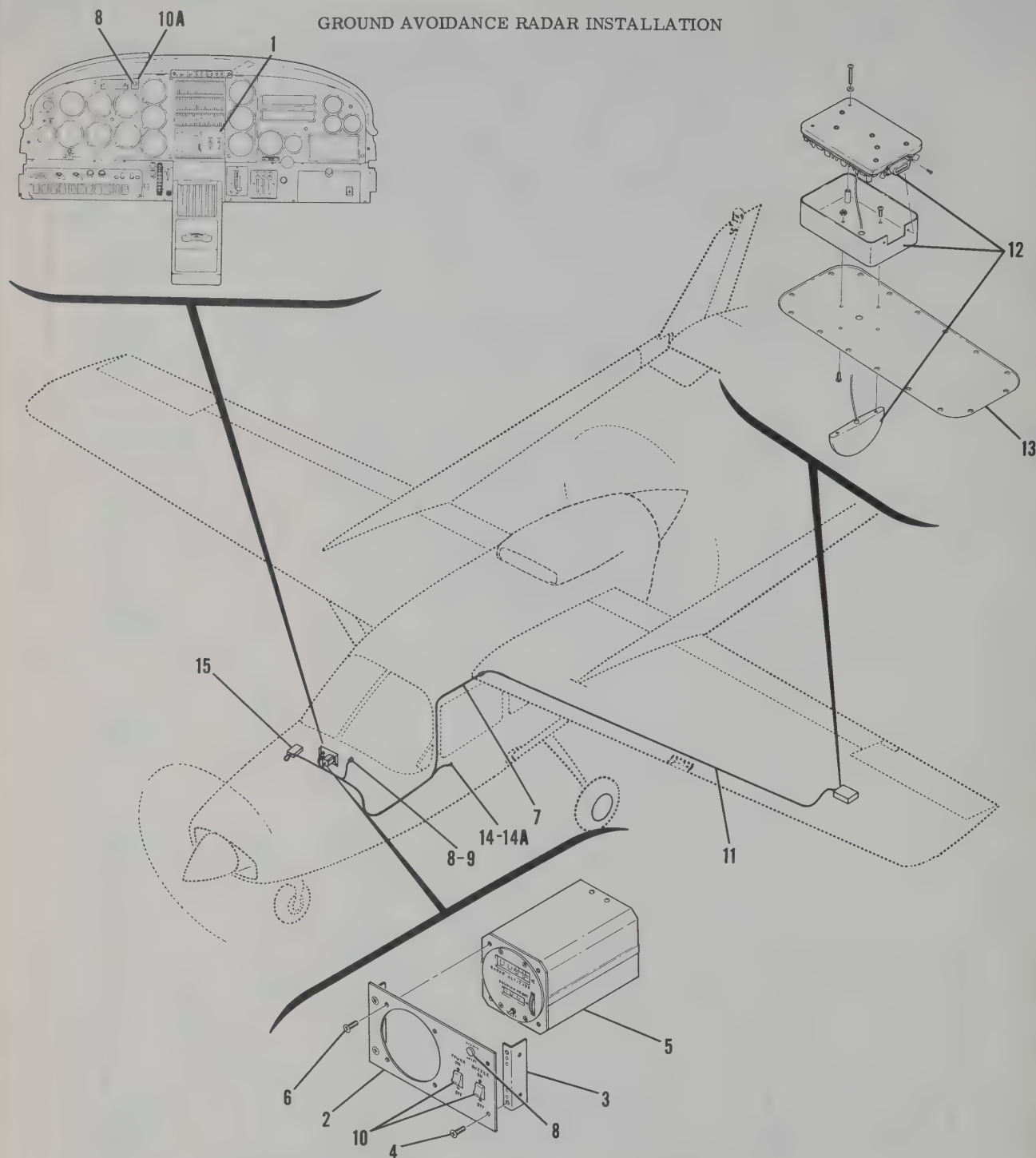
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION						UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7	
2-4	-45	S1980-3	*	KNOB-RHEOSTAT	177RG SERIES ONLY	-----		1	
	-46	S1995-1		KNOB-RHEOSTAT	1970 MODELS 182 & 206 SERIES ONLY	-----		1	
	-47	S1980-1		KNOB-RHEOSTAT	1970 MODEL 210 SERIES ONLY	-----		1	
	-48	S1995-4	*	KNOB-RHEOSTAT	1971 & ON MODELS 182, 206 SERIES & 210	-----		1	
		AN565B2H3	*	SETSCREW-RHEOSTAT KNOB	1971 & ON 182, 206 SERIES &	-----		1	
				210 SERIES ONLY					
	-49	S1980-3	*	KNOB-RHEOSTAT	337 SERIES ONLY	-----		1	
		AN565D8H2	*	SETSCREW-RHEOSTAT KNOB	337 SERIES ONLY	-----		1	
	-50		*	CABLE ASSY-MAIN	CONTROL UNIT TO ANT LOAD BOX POWER	-----		NP	
				SUPPLY & AUDIO JUNCTION BOX	177RG SERIES 182 & 337				
				SERIES ONLY					
		74996		PLUG	CONNECTS TO CONTROL UNIT	SUNA	-----	1	
		74362		PLUG	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	A
		75110		CLAMP	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	B
		75093		CONNECTOR	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	B
		74726		PLUG	CONNECTS TO POWER SUPPLY	SUNA	-----	1	
		S1838-2		HOUSING	CONNECTS TO P1 ON AUDIO JUNCTION BOX	-----		1	
				S1838-1 REPLACES S1838-2 ON SECOND RADIO INSTALLATION					
		S1960-2-2		CAP	177RG SERIES ONLY	-----		3	
		S1960-1-2		PLUG	177RG SERIES ONLY	-----		3	
	-51		*	CABLE ASSY	CONTROL UNIT TO POWER SUPPLY	ALL MODELS	----	NP	
				EXCEPT 210 SERIES					
		RG-58A/U		COAXIAL CABLE	BULK ITEM	-----		AR	
		UG-88C/U		PLUG	CONNECTS TO CONTROL UNIT	PIN J10	-----	1	
		UG-536B/U		PLUG	CONNECTS TO POWER SUPPLY	PIN J1	-----	1	
	-52		*	CABLE ASSY	CONTROL UNIT TO POWER SUPPLY	ALL MODELS	----	NP	
				EXCEPT 210 SERIES					
		RG-58A/U		COAXIAL CABLE	BULK ITEM	-----		AR	
		UG-88C/U		PLUG	PINS J9 & J3	-----		2	
	-53		*	CABLE ASSY-MAIN	CONTROL UNIT TO ANT LOAD BOX CABLE	-----		NP	
				POWER SUPPLY & AUDIO JUNCTION BOX	206 SERIES ONLY				
		74996		PLUG	CONNECTS TO CONTROL UNIT	SUNA	-----	1	
		S1960-1-0		HOUSING PLUG	CONNECTS TO ANT LOAD BOX CABLE	-----		1	
		74726		PLUG	CONNECTS TO POWER SUPPLY	SUNA	-----	1	
		S1838-2		HOUSING	CONNECTS TO P1 ON AUDIO JUNCTION BOX	-----		1	
				S1838-1 REPLACES S1838-2 ON SECOND RADIO INSTALLATION					
	-54		*	CABLE ASSY	CONNECTS TO MAIN CABLE ASSY AND TO ANT	-----		NP	
				LOAD BOX	206 SERIES ONLY				
		S1960-2-0		HOUSING CAP	CONNECTS TO MAIN CABLE ASSY	-----		1	
		74362		CONNECTOR	CONNECTS TO ANT LOAD BOX	-----		1	A
		75110		CLAMP	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	B
		75093		CONNECTOR	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	B
	-55		*	CABLE ASSY-MAIN	CONTROL UNIT TO ANT LOAD BOX	-----		NP	
				CABLE AT STA. 55.62	POWER SUPPLY CABLE AT STA.				
				55.62 & AUDIO JUNCTION BOX	210 SERIES ONLY				
		74996		PLUG	CONNECTS TO CONTROL UNIT	SUNA	-----	1	
		S1962-1-2		HOUSING PLUG	15 PIN	CONNECTS TO ANT LOAD BOX	-----	1	
				CABLE AT STA. 55.62					
		S1962-1-0		HOUSING PLUG	15 PIN	CONNECTS TO POWER SUPPLY	-----	1	
				CABLE AT STA. 55.62					
		S1838-2		HOUSING	CONNECTS TO P1 ON AUDIO JUNCTION BOX	-----		1	
				S1838-1 REPLACES S1838-2 ON SECOND RADIO INSTALLATION					
	-56		*	CABLE ASSY	CONNECTS TO MAIN CABLE ASSY AT STA. 55.62	-----		NP	
				AND ANT LOAD BOX CABLE AT STA. 152.20	210 SERIES ONLY				
		S1962-2-2		HOUSING CAP	15 PIN	-----		2	
	-57		*	CABLE ASSY	CONNECTS TO MAIN CABLE ASSY AT STA. 55.62	-----		NP	
				AND CONNECTS TO POWER SUPPLY CABLE AT STA. 152.20					
				210 SERIES ONLY					
		S1962-2-4		HOUSING CAP	15 PIN	-----		2	
	-58		*	CABLE ASSY	ANT LOAD BOX CABLE AT STA. 152.20 TO	-----		NP	
				ANT LOAD BOX	210 SERIES ONLY				
		S1962-1-2		HOUSING PLUG	15 PIN	CONNECTS TO STA. 152.20	-----	1	
		74362		PLUG	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	A
		75110		CLAMP	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	B
		75093		CONNECTOR	CONNECTS TO ANT LOAD BOX	SUNA	-----	1	B

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-4 -59	*	CABLE ASSY POWER SUPPLY CABLE AT STA. 152.20 TO ----- POWER SUPPLY 210 SERIES ONLY -----	NP	
	S1962-1-4	HOUSING PLUG 15 PIN CONNECTS TO STA. 152.20 -----	1	
	74726	PLUG CONNECTS TO POWER SUPPLY SUNA -----	1	
-60	*	CABLE ASSY POWER SUPPLY TO ANT LOAD BOX ----- COAXIAL CABLE BULK ITEM -----	NP AR	
	RG-58A/U	PLUG ATTACHES TO POWER SUPPLY AND ANT LOAD BOX -----	2	
-61	*	CABLE ASSY ANTENNA LOAD BOX TO FEED-THRU INSULATOR ON --- SKIN -----	NP	
	8899	WIRE BULK ITEM BDN -----	AR	
	S1367-1-10	TERMINAL ATTACHES TO ANT COUPLER & INSULATOR -----	2	
		NOTES *		
		1. REFER TO THE APPROPRIATE PARTS CATALOG FOR 1972 & ON RADIO DIMMING RHEOSTATS & KNOBS.		
		2. REFER TO THE APPROPRIATE WIRING DIAGRAMS IN SECTION VII OF THIS MANUAL FOR ELECTRICAL CONNECTORS AND WIRING APPLICABLE TO 1972 & ON MODELS.		
		A---182 SERIAL 18260056 THRU 18260165 P206 SERIAL P20600604 THRU P20600610 337 SERIAL 33701194 THRU 33701287		
		B---177RG SERIAL 177RG0001 & ON F177RG SERIAL F177RG0001 & ON 182 SERIAL 18260166 & ON P206 SERIAL P20600611 & ON U206 SERIAL U20601588 & ON 337 SERIAL 33701288 & ON		
		C---THRU 1971 MODELS ONLY		
		D---1972 & ON MODELS ONLY		



337 SERIAL 33701317 THRU 33701398
T337 SERIAL T33701317 THRU T33701398
F337 SERIAL F33700025 THRU F33700045
FT337 SERIAL FT33700025 THRU FT33700045

Figure 2-5. Ground Avoidance Radar Installation

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-5 -		GROUND AVOIDANCE RADAR INSTALLATION 1971 337 SERIES ONLY --	NP	
- 1	1570056-1	RADAR INDICATOR ASSY-GROUND AVOIDANCE WHEN EXHAUSTED ----	1	A
	1570056-9	USE 1570056-9	1	B
	S102276-8	RADAR INDICATOR ASSY-GROUND AVOIDANCE -----	4	
	NAS446-2-3	ATTACHING PARTS -----	4	
		SCREW -----		
		NUT -----		
		---*---		
- 2	1570056-3	SUPPORT -----	1	
- 3	1570056-4	BRACKET ASSY -----	2	
		ATTACHING PARTS -----		
- 4	AN507B6R6	SCREW -----	4	
		---*---		
- 5	MJ271	INDICATOR IFD -----	1	
		ATTACHING PARTS -----		
- 6	AN507B6R6	SCREW -----	4	
		---*---		
- 7		CABLE ASSY ALTITUDE INDICATOR TO TRANSCEIVER CABLE ----	NP	
	AGC	FUSE BUS -----	1	
	HHJ-A	FUSEHOLDER BUS -----	1	
- 8	VM911M-2A SPEC	D.H. LIGHT MODULE MOUNTED ON RADAR IND ASSY ON -----	1	
		EARLY MODELS AND MOUNTED ON TOP OF L.H. INST PANEL		
		ON LATER AIRCRAFT		
- 9	GE328	BULB -----	1	
	57-30140	CONNECTOR CONNECTS TO ALTITUDE INDICATOR CIN ----	1	
-10	MSL-203N	SWITCH AELM -----	2	
	S1641-12	HOUSING CONNECTS TO TRANSCEIVER CABLE -----	1	
-10A	1505025-1	PLACARD -----	1	B
-11		CABLE ASSY TRANSCEIVER TO ALTITUDE INDICATOR CABLE ----	NP	
	57-30240	CONNECTOR CONNECTS TO TRANSCEIVER AMBE -----	1	
	S1640-12	HOUSING CONNECTS TO ALTITUDE INDICATOR CABLE -----	1	
-12	TG279	TRANSCEIVER INCLUDES ANTENNA AND ATTACHING SCREWS IFD-	1	
-13	1422024-3	DOOR REPLACES 1422024-1 DOOR INSTALLED AS STD EQUIP -----	1	
		ON AIRCRAFT		
-14	S1360-5L	CIRCUIT BREAKER -----	1	A
-14A	S2122-1	NUT - DECORATIVE CIRCUIT BREAKER USED ONLY WITH -----	1	B
		ITEM 14		
	SEE FIG 4-1	AUDIO JUNCTION BOX -----	1	
	S1838-2	HOUSING CONNECTS TO PIN 45 ON P2 WHICH CONNECTS -----	1	
		TO AUDIO J BOX		
		A---337 SERIAL 33701317 THRU 33701377		
		T337 SERIAL T33701317 THRU T33701377		
		F337 SERIAL F33700025 THRU F33700045		
		FT337 SERIAL FT33700025 THRU FT33700045		
		B---337 SERIAL 33701378 THRU 33701398		
		T337 SERIAL T33701378 THRU T33701398		

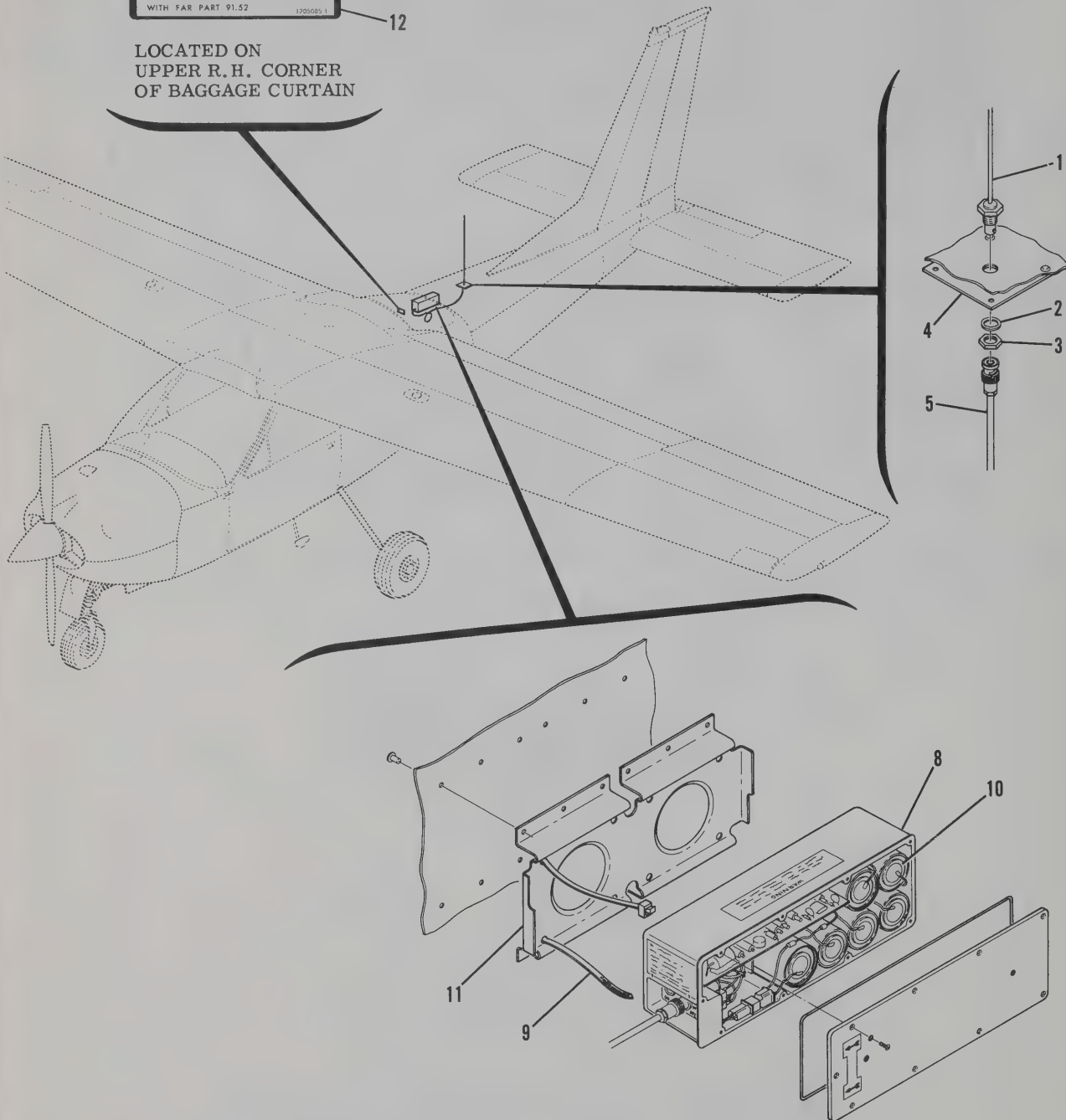
EMERGENCY LOCATOR TRANSMITTER INSTALLATION

EMERGENCY LOCATOR TRANSMITTER
INSTALLED AFT OF THIS PARTITION.
MUST BE SERVICED IN ACCORDANCE
WITH FAR PART 91.52

1205085-1

12

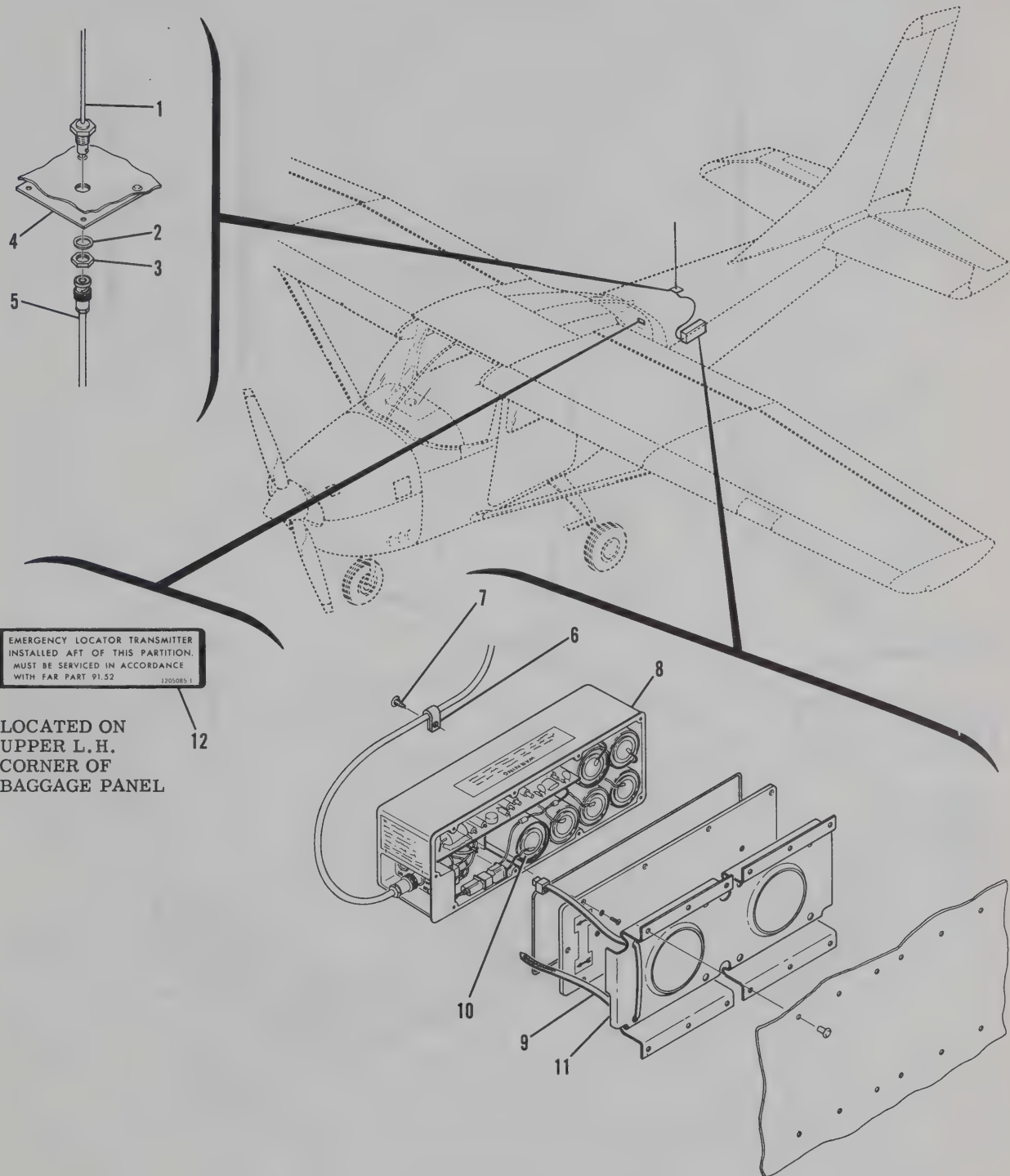
LOCATED ON
UPPER R.H. CORNER
OF BAGGAGE CURTAIN



177RG SERIAL 177RG0213 & ON

Figure 2-6. Emergency Locator Transmitter Installation (Sheet 1 of 5)

EMERGENCY LOCATOR TRANSMITTER INSTALLATION



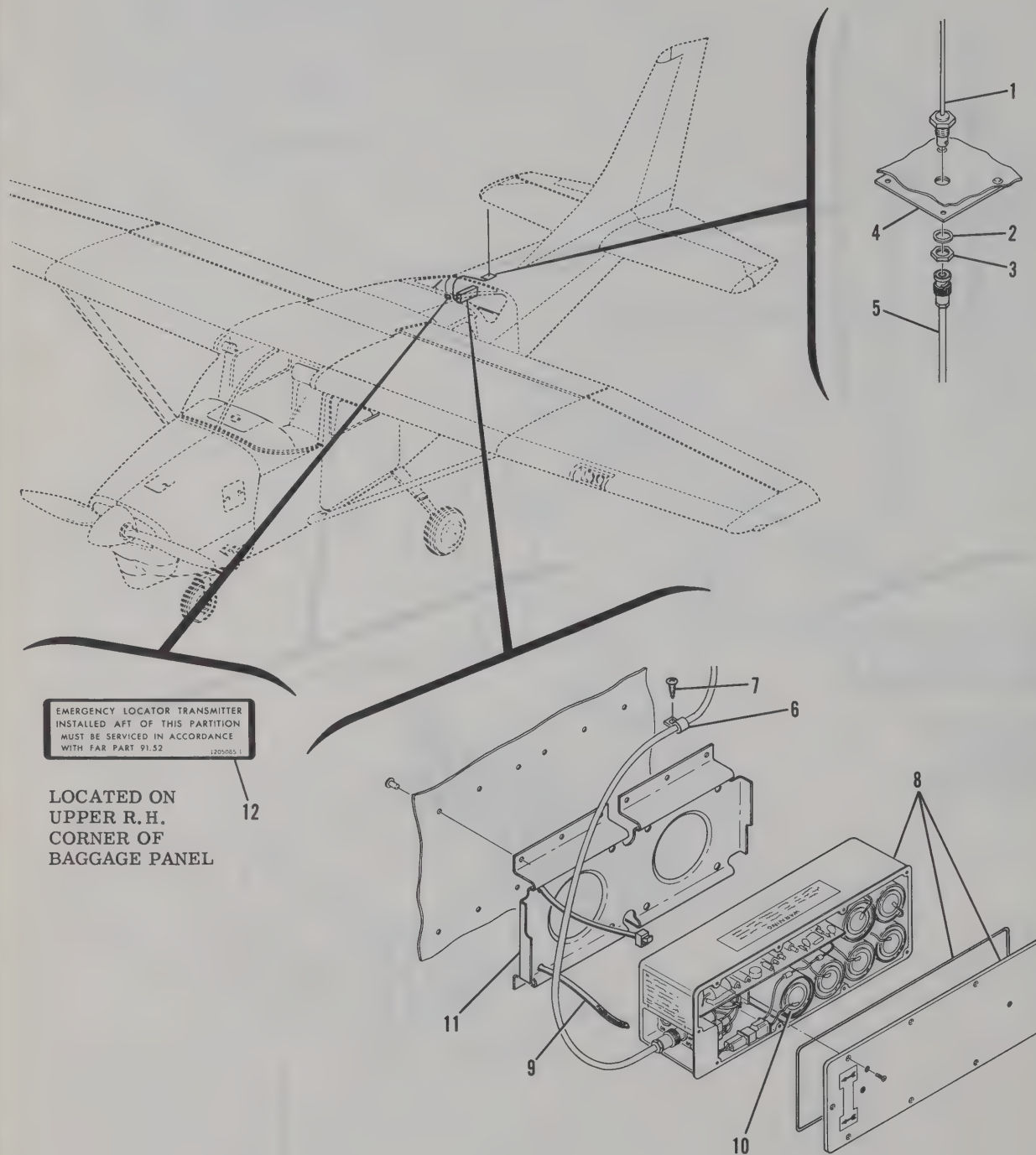
EMERGENCY LOCATOR TRANSMITTER
INSTALLED AFT OF THIS PARTITION.
MUST BE SERVICED IN ACCORDANCE
WITH FAR PART 91.52 1205089-1

LOCATED ON
UPPER L.H.
CORNER OF
BAGGAGE PANEL

182 SERIAL 18260826 & ON

Figure 2-6. Emergency Locator Transmitter Installation (Sheet 2 of 5)

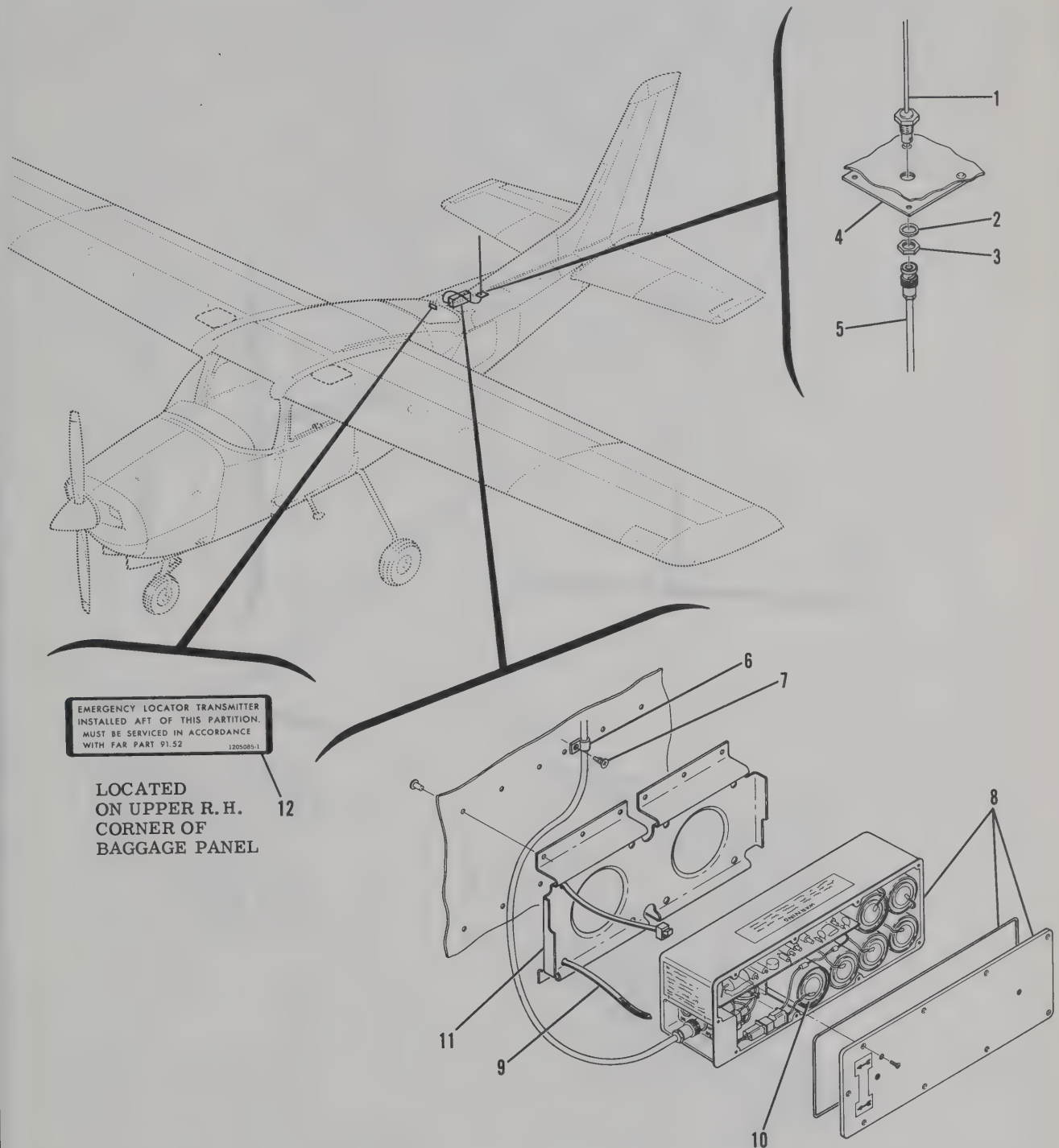
EMERGENCY LOCATOR TRANSMITTER INSTALLATION



U206 SERIAL U20601701 & ON
TU206 SERIAL TU20601701 & ON

Figure 2-6. Emergency Locator Transmitter Installation (Sheet 3 of 5)

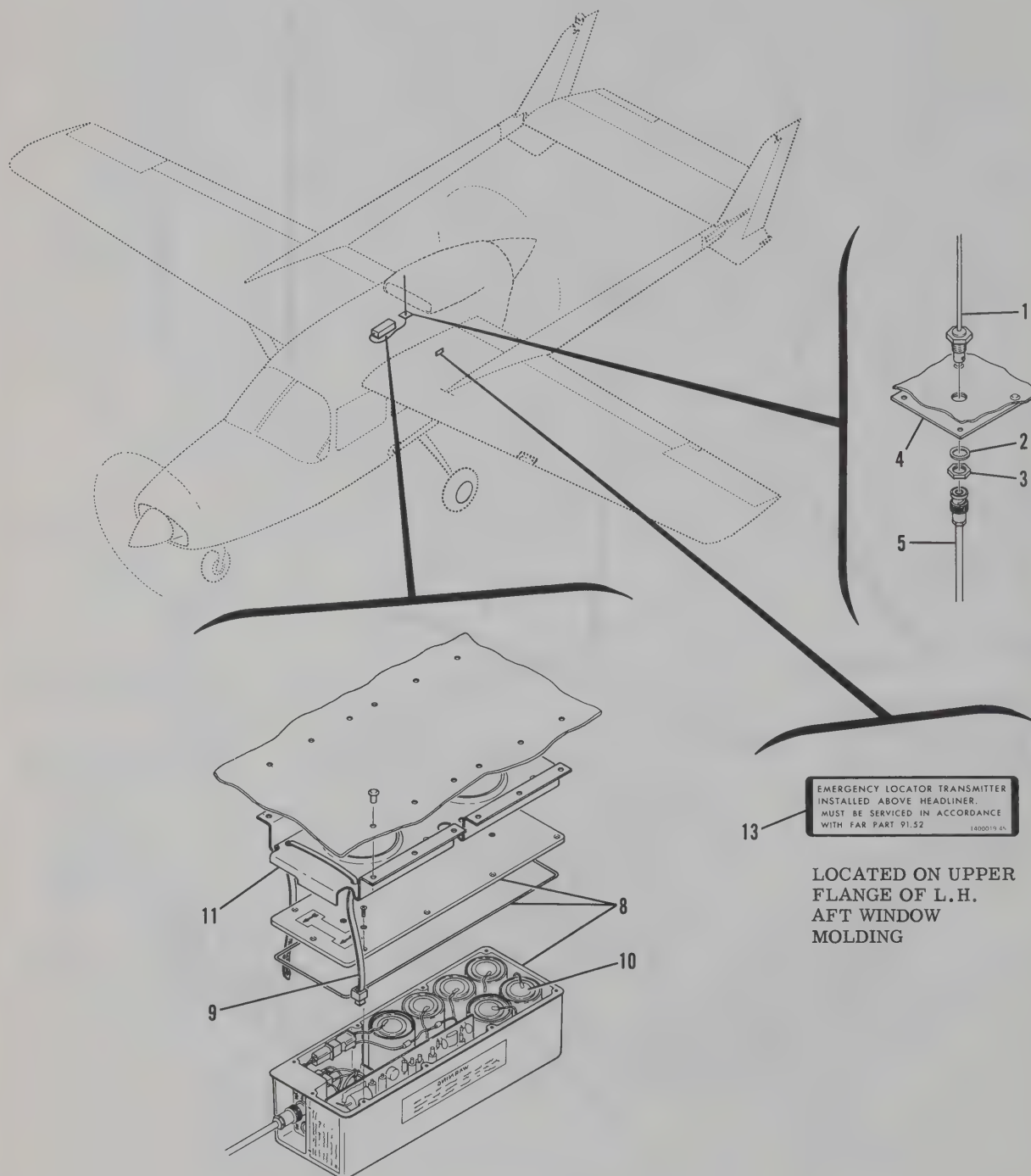
EMERGENCY LOCATOR TRANSMITTER INSTALLATION



210 SERIAL 21059503 & ON
T210 SERIAL T21059503 & ON

Figure 2-6. Emergency Locator Transmitter Installation (Sheet 4 of 5)

EMERGENCY LOCATOR TRANSMITTER INSTALLATION



337 SERIAL 33701399 & ON
T337 SERIAL T33701399 & ON

Figure 2-6. Emergency Locator Transmitter Installation (Sheet 5 of 5)

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-6 -		EMERGENCY LOCATOR TRANSMITTER INSTALLATION ----- ALL 1972 & ON MODELS -----	NP	
- 1	C589510-0103	ANTENNA -----	1	
- 2		ATTACHING PARTS -----		
- 3		WASHER SUPPLIED WITH ITEM 1 -----	1	
		NUT SUPPLIED WITH ITEM 1 -----	1	
		---*---		
- 4	1260474-2	DOUBLER-ANTENNA SUPPORT -----	1	
- 5	C589510-0104	CABLE ASSY-ANTENNA -----	1	
		ATTACHING PARTS -----		
- 6	S1155-3	CLAMP 182, 206 SERIES, 210 SERIES ONLY -----	1	
- 7	S1021A8-6	SCREW 182, 206 SERIES, 210 SERIES ONLY -----	1	
		---*---		
- 8	C589510-0102	TRANSMITTER-EMERGENCY LOCATOR -----	1	
		ATTACHING PARTS -----		
- 9	S1693-3	STA-STRAP 5 REQUIRED ON 177RG & 337 SERIES ONLY -----	4	
		---*---		
-10	C589510-0105	BATTERY PACK-TRANSMITTER POWER SUPPLY -----	1	
-11	1260474-1	BRACKET-TRANSMITTER MOUNT -----	1	
-12	1205085-1	PLACARD 177RG, 182, 206 SERIES, 210 SERIES ONLY -----	1	
-13	1400019-45	PLACARD 337 SERIES ONLY -----	1	



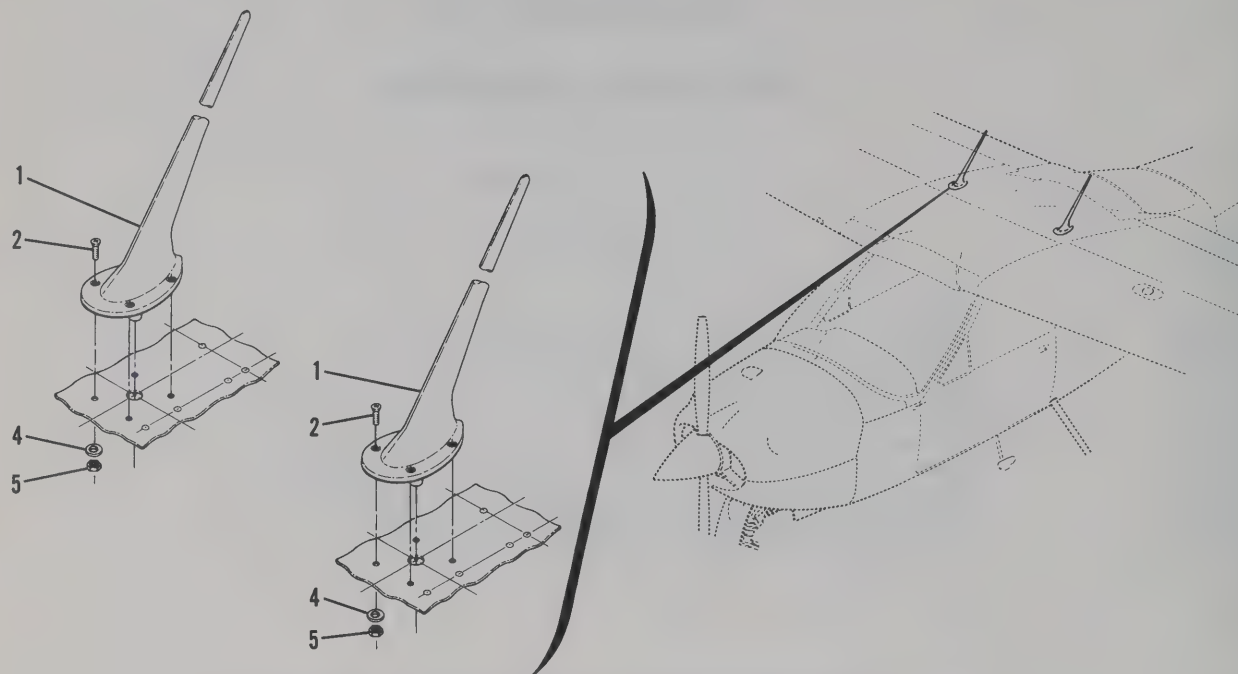
SECTION III

ANTENNA SYSTEMS

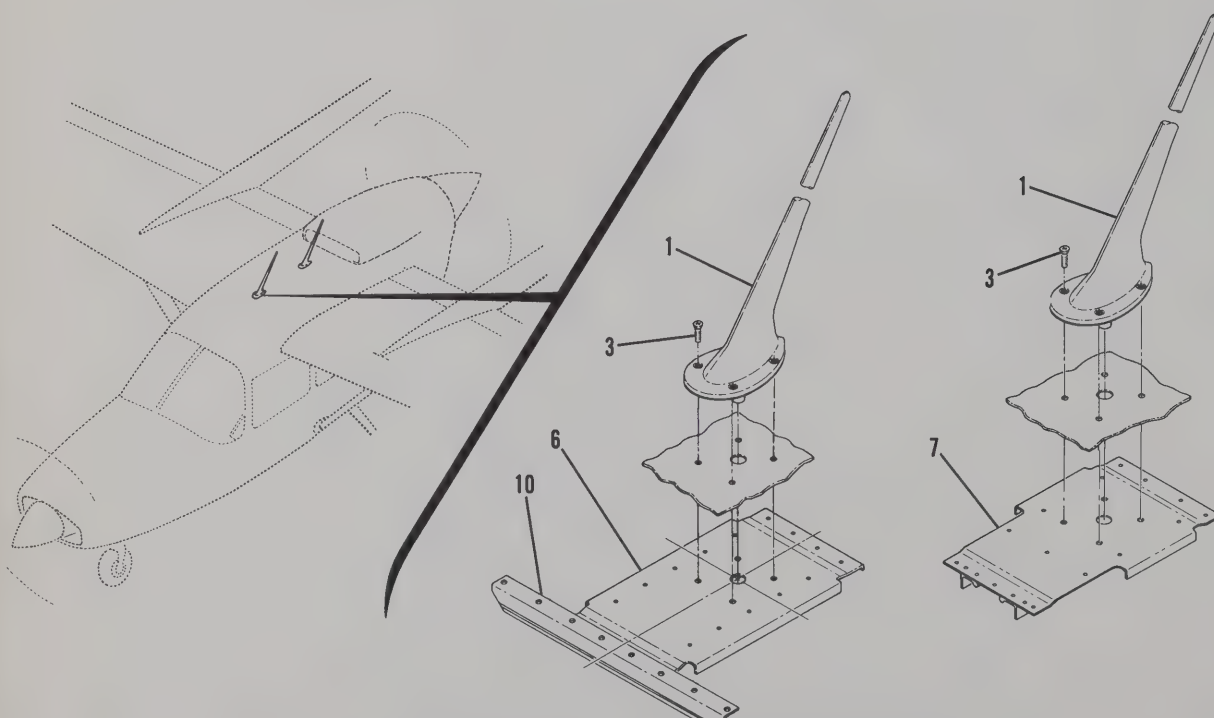
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3-4	Marker Beacon Antenna Installations	3-9
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3-7	Cessna 400 Transponder (Type A-105B) Antenna Installations	3-20
3-8	Cessna 300 Transponder (Type KA-28) Antenna Installations	3-21
3-9	Anti-Precipitation ADF Sense Antenna Installation	3-22
3-10	Omni Antenna Installations - 1971 & On Models Only	3-30

VHF ANTENNA INSTALLATIONS



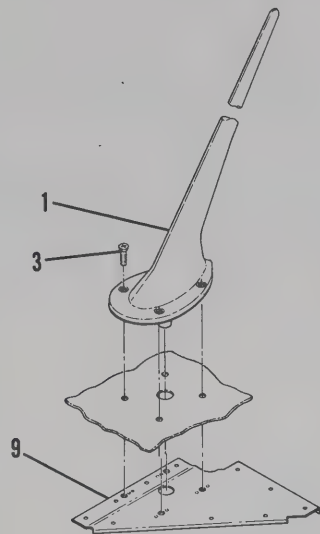
TYPICAL INSTALLATION FOR ALL AIRCRAFT EXCEPT 337 SERIES



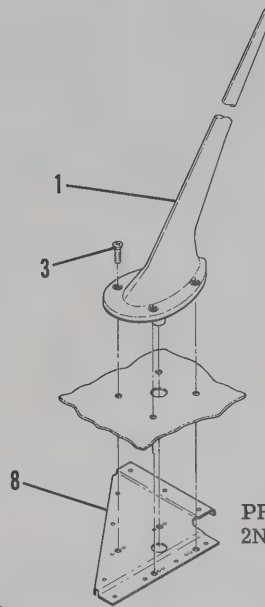
TYPICAL INSTALLATION FOR 337 SERIES THRU 1971 MODELS

Figure 3-1. Antenna Installations (Sheet 1 of 2)

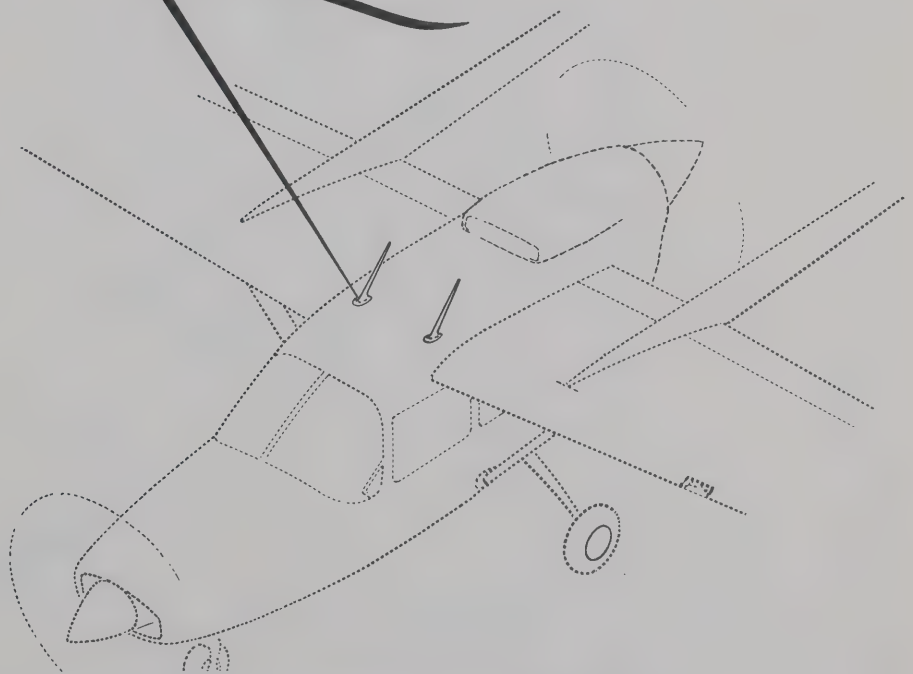
VHF ANTENNA INSTALLATIONS



PREFERRED
1ST RADIO INSTL.



PREFERRED
2ND RADIO INSTL.

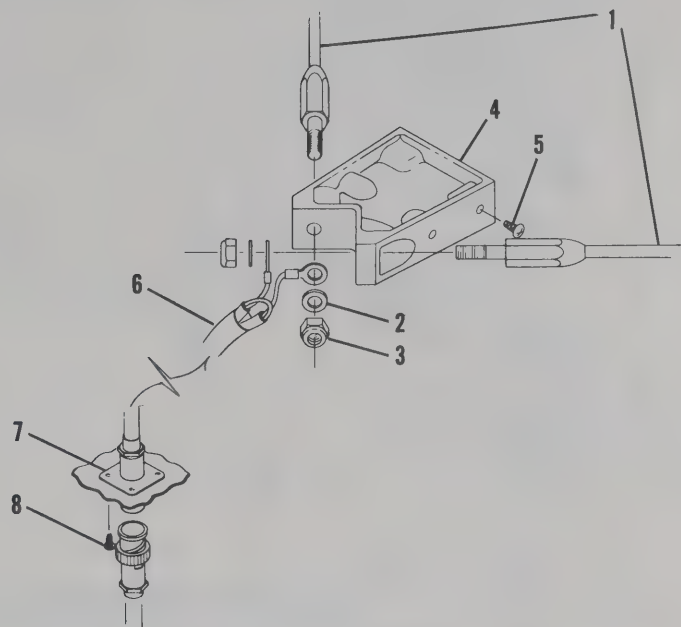


1972 & ON 337 SERIES ONLY

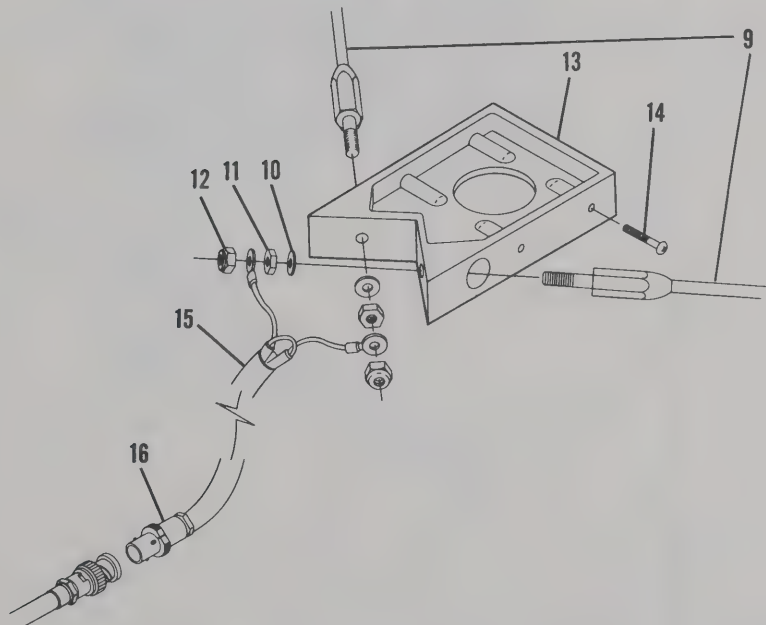
Figure 3-1. VHF Antenna Installations (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-1 -		VHF ANTENNA INSTALLATIONS -----	NP	
- 1	C598501-0103	ANTENNA ASSY-VHF -----	1	
		ATTACHING PARTS		
- 2	AN520-8R9	SCREW ALL MODELS EXCEPT 337 SERIES -----	4	
- 3	AN509-8R9	SCREW MODEL 337 ONLY -----	4	
- 4	AN936A8	WASHER ALL MODELS EXCEPT 337 SERIES -----	4	
- 5	NAS679A08	NUT ALL MODELS EXCEPT 337 SERIES -----	4	
		-----*		
- 6	1511099-3	DOUBLER ASSY-FWD 337 SERIES THRU 1971 ONLY -----	1	
- 7	1570014-3	DOUBLER ASSY-AFT 337 SERIES THRU 1971 ONLY -----	1	
- 8	1511385-1	DOUBLER ASSY-LH 337 SERIES 1972 & ON -----	1	
- 9	1511385-2	DOUBLER ASSY-RH 337 SERIES 1972 & ON -----	1	
-10	1470114-3	REINFORCEMENT 337 SERIES THRU 1971 ONLY -----	1	

OMNI ANTENNA INSTALLATION



INSTALLATION A THRU 1970 MODELS 182, P206 SERIES, & 210 SERIES ONLY



INSTALLATION B THRU 1970 MODEL 337 SERIES ONLY

Figure 3-2. Omni Antenna Installation

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-2 -		OMNI ANTENNA INSTALLATIONS THRU 1970 MODELS ONLY REFER- TO FIGURE 3-10 FOR 1971 & ON OMNI ANTENNA INSTALLATIONS	NP	
		OMNI - ANTENNA INSTALLATION A 182, 206 SERIES ----- AND 210 SERIES ONLY	NP	A
- 1	1270012-1	ROD - ANTENNA STRAIGHT -----	2	
		ATTACHING PARTS -----		
- 2	AN960-10L	WASHER -----	2	
- 3	MS21044N3	NUT -----	2	
		---*---		
- 4	0570026-1	BLOCK - MOUNTING -----	1	
		ATTACHING PARTS -----		
- 5	S1021Z8-8	SCREW -----	4	
		---*---		
- 6	1270013-1	BALUN STUB ASSEMBLY -----	1	
- 7	UG-291/U	PLUG - COAXIAL -----	1	
		ATTACHING PARTS -----		
- 8	AN520-3R4	SCREW -----	4	
		---*---		
		OMNI - ANTENNA INSTALLATION B 337 & T337 ONLY -----	NP	B
- 9	1270012-1	ROD - ANTENNA STRAIGHT -----	2	
		ATTACHING PARTS -----		
-10	AN960-10	WASHER -----	2	
-11	AN345-10	NUT -----	2	
-12	MS21044N3	NUT -----	2	
		---*---		
-13	1470060-1	BLOCK - MOUNTING -----	1	
		ATTACHING PARTS -----		
-14	S1021Z8-8	SCREW -----	4	
		---*---		
-15	1270013-1	BALUN STUB ASSY -----	1	
-16	UG-89/U	PLUG - COAXIAL -----	1	
		A---182 SERIAL 18259346 THRU 18260445 A182 SERIAL A182-0097 THRU A18200136 P206 SERIAL P206-0520 THRU P20600648 TP206 SERIAL TP206-0520 THRU TP20600648 210 SERIAL 21058973 THRU 21059351 T210 SERIAL T210-0393 THRU T21059351 B---337 SERIAL 337-0979 THRU 33701316 T337 SERIAL T337-0979 THRU T33701316 F337 SERIAL F33700001 THRU F33700024 FT337 SERIAL FT33700001 THRU FT33700024		

GLIDE SLOPE ANTENNA INSTALLATION

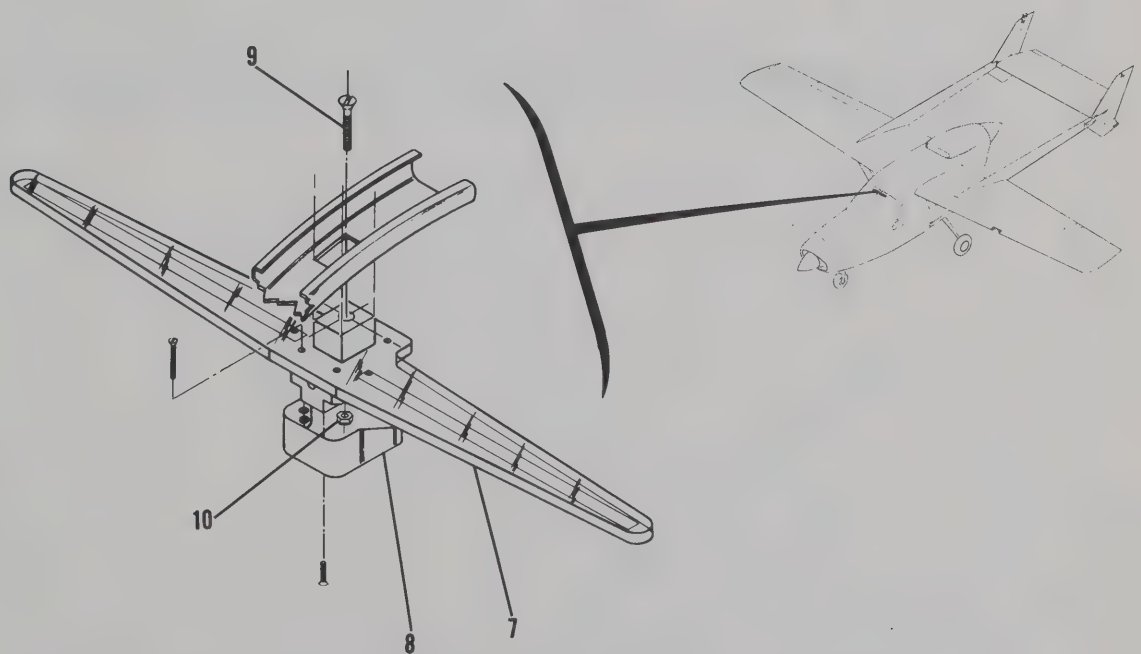
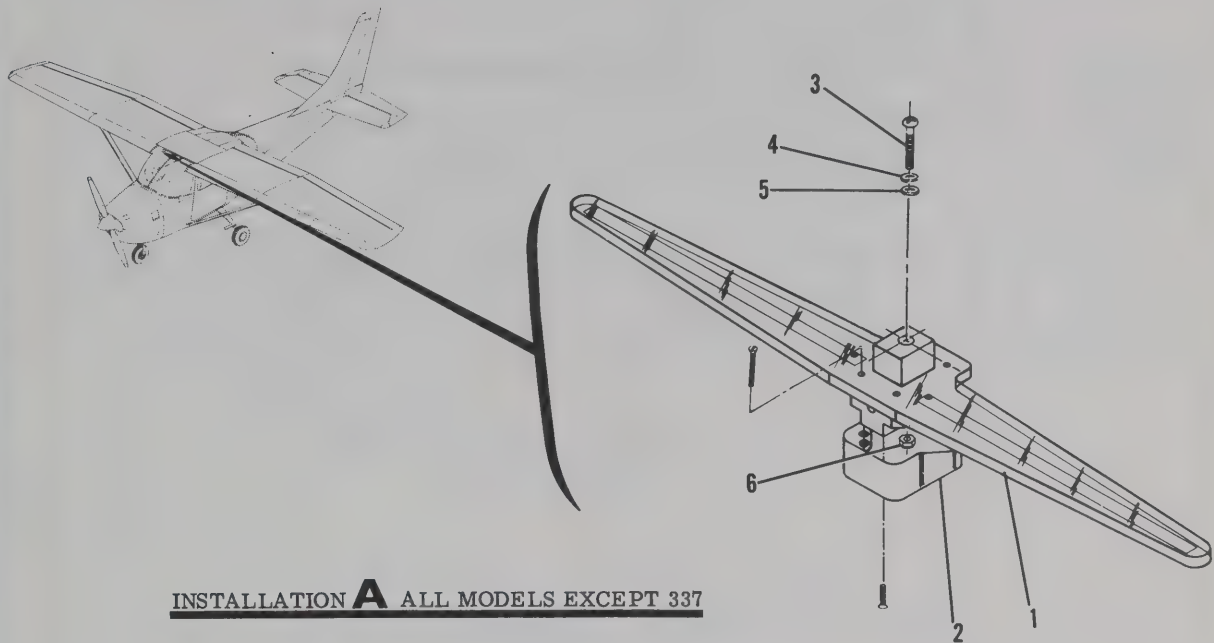
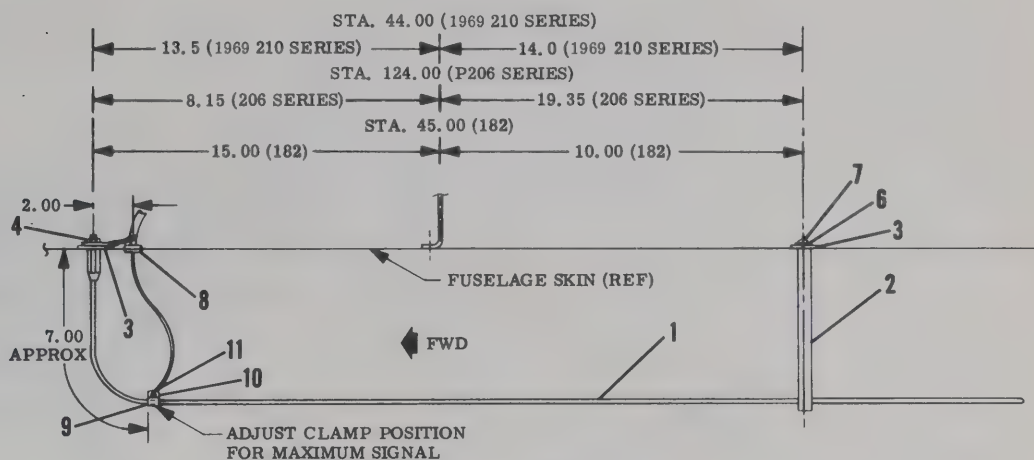


Figure 3-3. UHF Glide Slope Antenna Installations



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
3-3 -		UHF GLIDE SLOPE ANTENNA INSTALLATIONS -----	NP	
		UHF GLIDE SLOPE ANTENNA INSTALLATION A ALL MODELS -----	NP	
- 1	1200098-1	EXCEPT 337 & T337		
- 2	1200096-1	GLIDE SLOPE ANTENNA ASSEMBLY -----	1	
		COVER -----	1	
		ATTACHING PARTS		
- 3	NAS221-22	SCREW 182, 206 SERIES & 210 SERIES ONLY -----	1	
- 4	AN960-10L	WASHER -----	1	
- 5	S350	WASHER -----	1	
- 6	NAS679A06	NUT -----	1	
		---*---		
		UHF GLIDE SLOPE ANTENNA INSTALLATION B 337 & T337 ONLY --	NP	
- 7	1200098-1	GLIDE SLOPE ANTENNA ASSEMBLY -----	1	
- 8	1200096-1	COVER -----	1	
		ATTACHING PARTS		
- 9	AN509-10R32C	SCREW -----	1	
-10	NAS697A3	NUT -----	1	
		---*---		

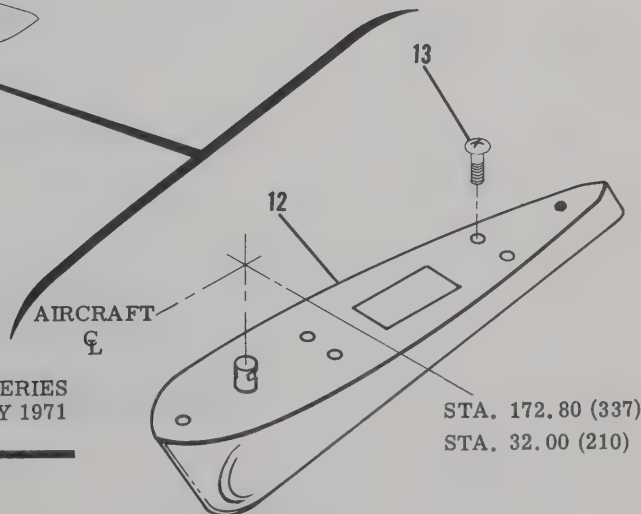
MARKER BEACON ANTENNA INSTALLATIONS



NOTES:

1. LOCATE AT 4.00 LBL. FOR MODEL 206 SERIES.
2. LOCATE AT 2.00 RBL. FOR MODEL 182 AND 1969 210 SERIES.
3. ALL DIMENSIONS ARE IN INCHES.

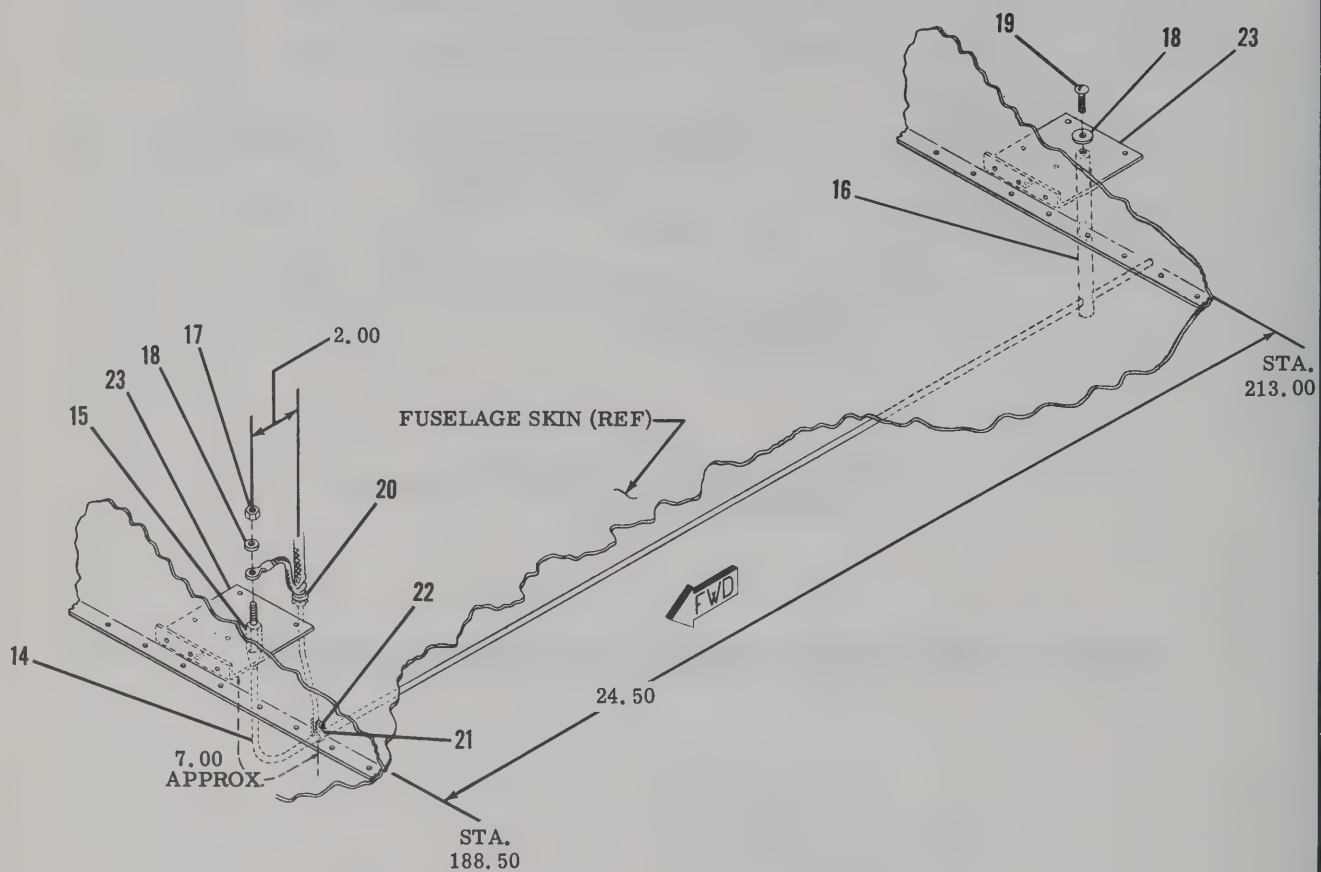
INSTALLATION **A** - ALL 182 & 206 SERIES AND 1969 210 SERIES MODELS ONLY



INSTALLATION **B** - ALL 1970 THRU EARLY 1971 210 SERIES AND ALL 337 SERIES THRU EARLY 1971 MODELS ONLY.

Figure 3-4. Marker Beacon Antenna Installations (Sheet 1 of 3)

MARKER BEACON ANTENNA INSTALLATION

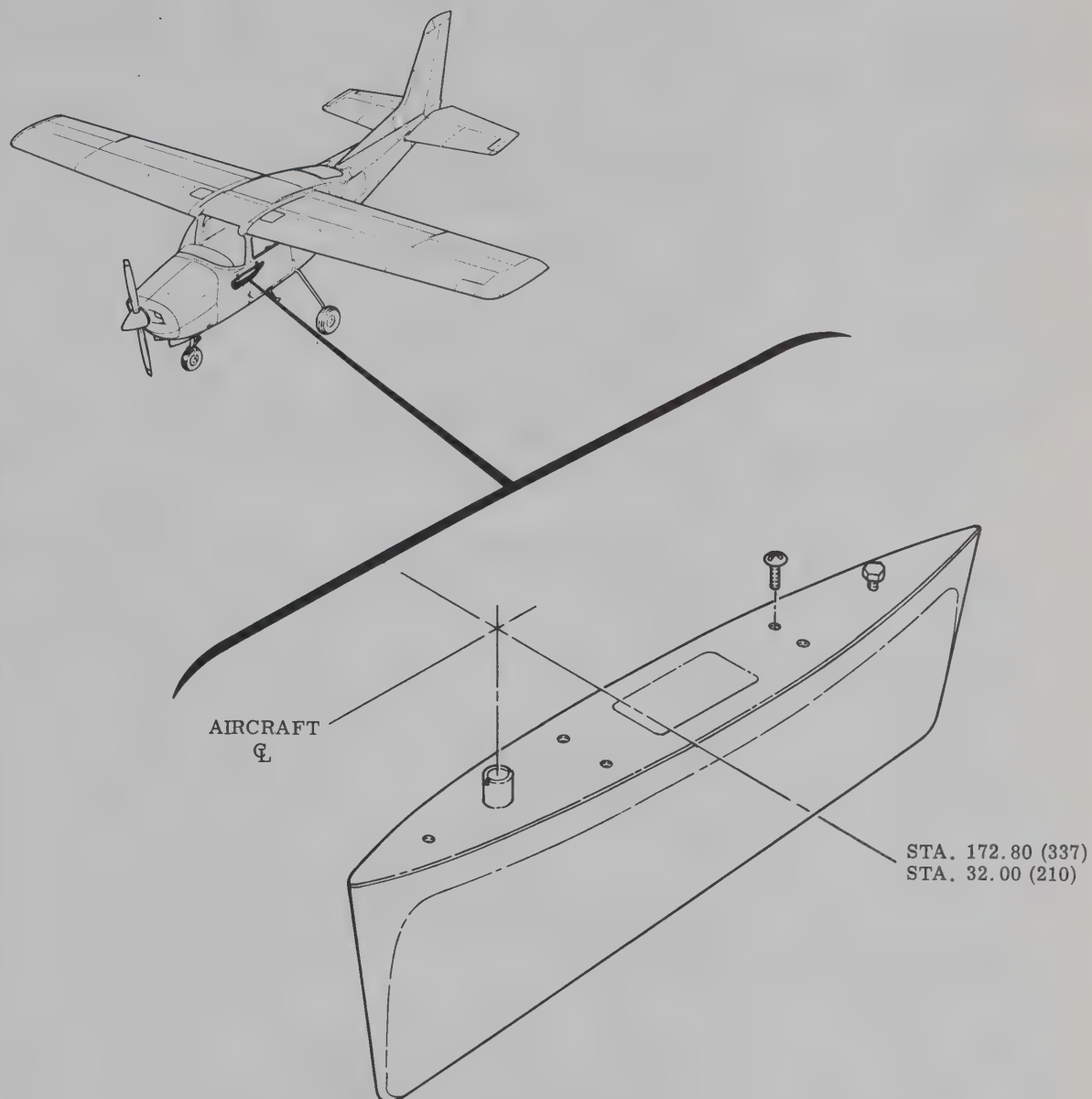


ALL DIMENSIONS ARE IN INCHES.

INSTALLATION **C** MODEL 177RG ONLY

Figure 3-4 Marker Beacon Antenna Installation (Sheet 2 of 3)

MARKER BEACON ANTENNA INSTALLATION



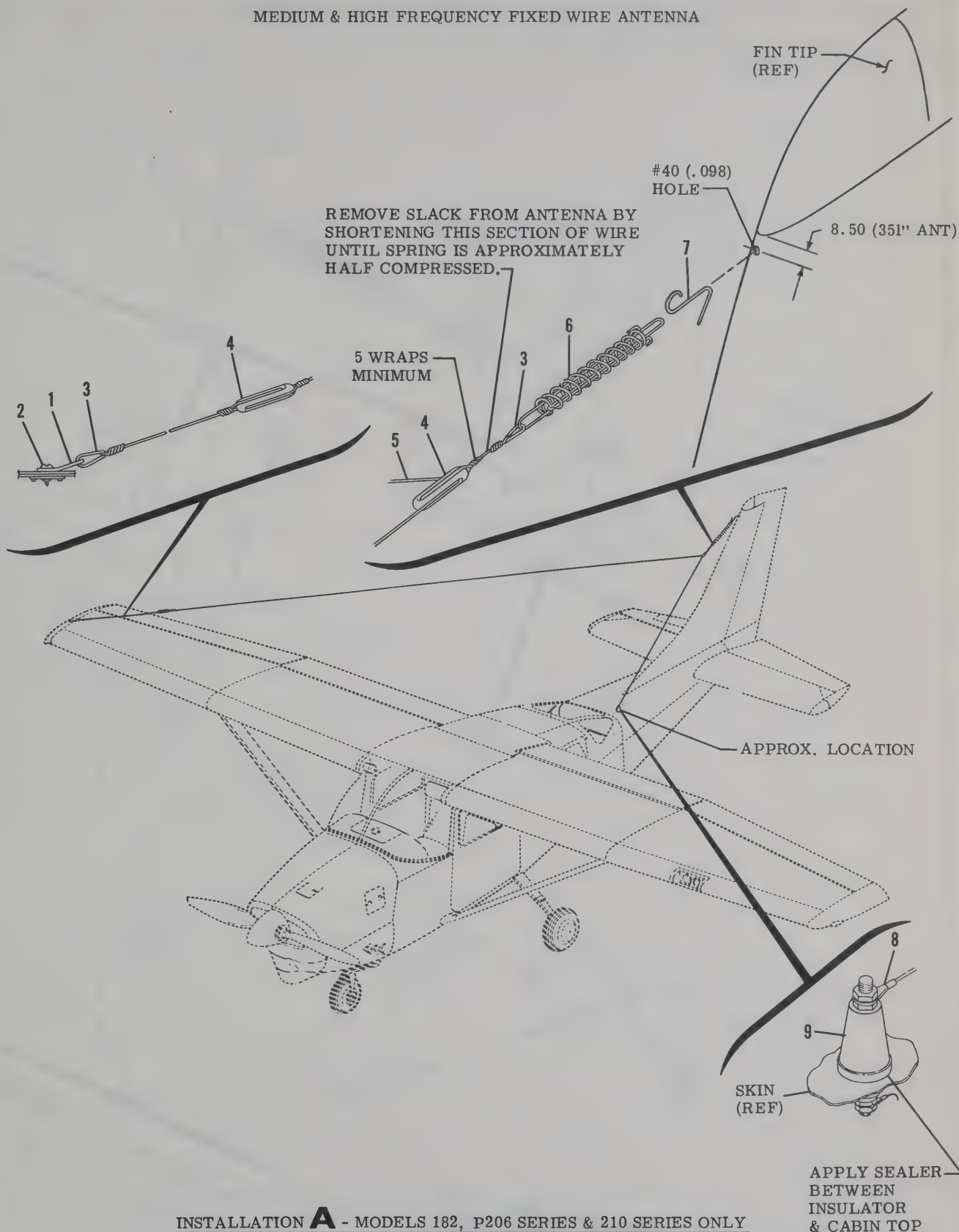
INSTALLATION **D** - EARLY 1971 210 SERIES & ON AND
EARLY 1971 337 SERIES & ON

Figure 3-4. Marker Beacon Antenna Installation (Sheet 3 of 3)

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-4 -		MARKER BEACON ANTENNA INSTALLATIONS -----	NP	
		MARKER BEACON ANTENNA INSTALLATION A -----	NP	
		ALL 182 & 206 SERIES AND 1969 210 SERIES ONLY		
		ANTENNA ROD ASSEMBLY -----	1	
- 1	0770681-1	ANTENNA ROD -----	1	
- 2	0770681-2	SUPPORT - PHENOLIC -----	1	
	0770681-3	SLEEVE -----	1	
	1270012-7	ATTACHING PARTS		
- 3	AN970-3	WASHER -----	1	
- 4	MS21044N3	NUT -----	1	
- 5	AN970-3	WASHER -----	1	
- 6	AN936A10	WASHER -----	1	
- 7	AN520-10R12	SCREW -----	1	
		---*---		
- 8	MS35489-2S	GROMMET -----	1	
- 9	AN742D3	CLAMP -----	1	
		ATTACHING PARTS		
-10	AN515-8R6	SCREW -----	1	
-11	NAS679A08	NUT -----	1	
		---*---		
		MARKER BEACON ANTENNA INSTALLATION B ALL 1970 THRU EARLY- 1971 210 SERIES AND ALL 337 SERIES THRU EARLY 1971 MODELS ONLY WHEN EXHAUSTED USE INSTALLATION D	NP	A
-12	C589506-0101	MARKER BEACON ANTENNA -----	1	
		ATTACHING PARTS		
-13	AN520-10R6	SCREW -----	5	
		---*---		
		MARKER BEACON ANTENNA INSTALLATION C 177RG ONLY -----	NP	
		ANTENNA ROD ASSEMBLY -----	1	
-14	0770681-1	ANTENNA ROD -----	1	
-15	0770681-2	SLEEVE -----	1	
-16	0770681-3	SUPPORT -----	1	
		ATTACHING PARTS		
-17	MS21044N3	NUT -----	1	
-18	AN970-3	WASHER -----	2	
-19	AN515-8R6	SCREW -----	1	
		---*---		
-20	MS35489-2S	GROMMET -----	1	
-21	AN742D3	CLAMP -----	1	
		ATTACHING PARTS		
	AN515-8R6	SCREW -----	1	
-22	NAS679A08	NUT -----	1	
		---*---		
-23	1712097-3	DOUBLER -----	2	
		MARKER BEACON ANTENNA INSTALLATION D EARLY 1971 210 ----- SERIES & ON AND EARLY 1971 337 SERIES & ON	NP	B
-24	C689506-0201	MARKER BEACON ANTENNA -----	1	
		ATTACHING PARTS		
-25	AN520-10R6	SCREW -----	5	
		---*---		
		A---210 SERIAL 21059200 THRU 21059420 T210 SERIAL T21059200 THRU T21059420 337 SERIAL 337-0979 THRU 33701374 T337 SERIAL T337-0979 THRU T33701374 F337 SERIAL F33700001 THRU F33700034 FT337 SERIAL FT33700001 THRU FT33700034		
		B---210 SERIAL 21059421 & ON T210 SERIAL T21059421 & ON 337 SERIAL 33701375 & ON T337 SERIAL T33701375 & ON F337 SERIAL F33700035 & ON FT337 SERIAL FT33700035 & ON		

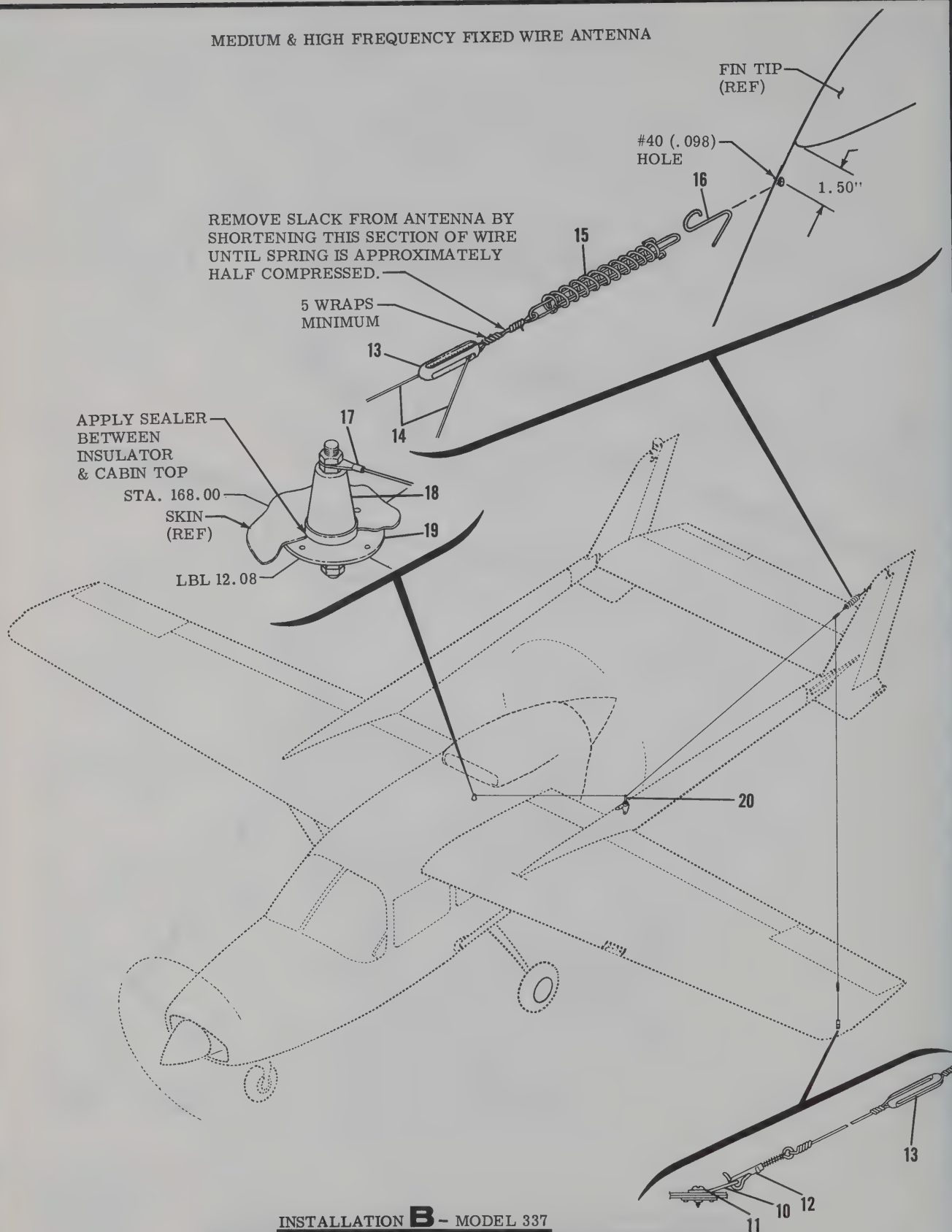
MEDIUM & HIGH FREQUENCY FIXED WIRE ANTENNA



INSTALLATION **A** - MODELS 182, P206 SERIES & 210 SERIES ONLY

Figure 3-5. Medium & High Frequency Fixed Wire Antenna Installations (Sheet 1 of 3)

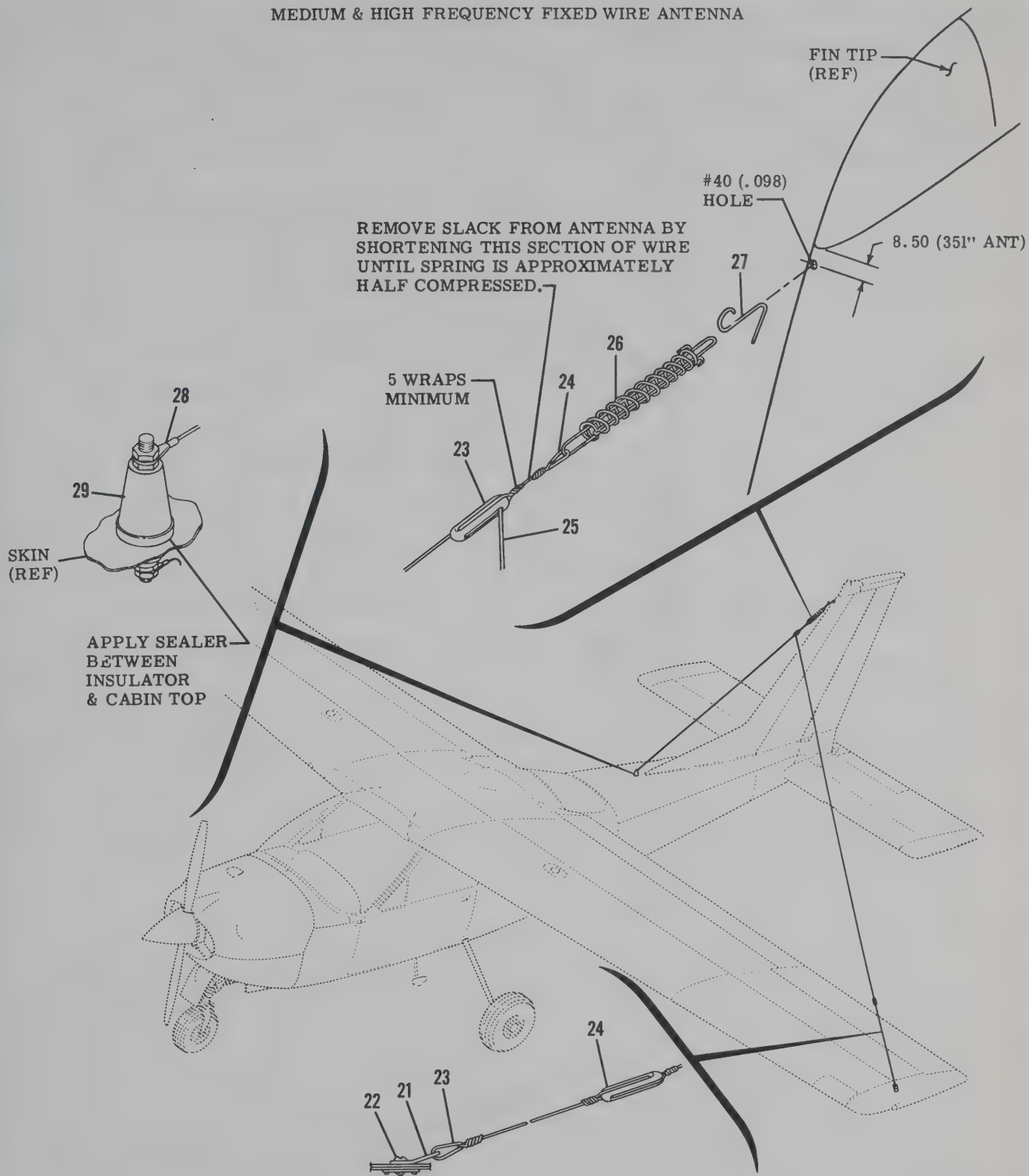
MEDIUM & HIGH FREQUENCY FIXED WIRE ANTENNA



INSTALLATION **B** - MODEL 337

Figure 3-5. Medium & High Frequency Fixed Wire Antenna Installations (Sheet 2 of 3)

MEDIUM & HIGH FREQUENCY FIXED WIRE ANTENNA



INSTALLATION **C** - MODEL 177RG

Figure 3-5. Medium & High Frequency Fixed Wire Antenna Installations (Sheet 3 of 3)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-5 -		MF & HF FIXED WIRE ANTENNA INSTALLATIONS -----	NP	
		MF & HF ANTENNA INSTL. A MODELS 182, 206 SERIES & -----	NP	
		210 SERIES ONLY		
- 1	0511104-19	BRACKET -----	1	
		ATTACHING PARTS		
- 2	S1021Z8-10	SCREW -----	1	
		-----*		
- 3	AN100-3	THIMBLE - WIRE CABLE -----	2	
- 4	463	INSULATOR -----	2	
- 5	W-106A	WIRE - ANTENNA SURFACE LENGTH TO BE 351 INCHES -----	AR	
		BULK ITEM		
- 6	S1282-4	SPRING -----	1	
- 7	0411686-1	CLIP -----	1	
- 8	S1367-1-10	TERMINAL -----	1	
- 9	135-40	INSULATOR FEED THRU -----	1	
		-----*		
		MF & HF ANTENNA INSTL. B MODELS 337 & T337 ONLY -----	NP	
-10	0511104-19	BRACKET -----	1	
		ATTACHING PARTS		
-11	S1021Z8-10	SCREW -----	1	
		-----*		
-12	5930 1/2	HOOK NJ -----	2	
-13	463	INSULATOR -----	2	
-14	W-106A	WIRE - #18/30HS - ANT SURFACE LENGTH TO BE 34 FT 3 IN. -----	AR	
		BULK ITEM		
-15	S1282-4	SPRING -----	1	
-16	0411686-1	CLIP -----	1	
-17	S1367-1-10	TERMINAL -----	1	
-18	135-40	INSULATOR -----	1	
		ATTACHING PARTS		
-19	1470082-4	DOUBLER -----	1	
		-----*		
-20	1470125-1	STANDOFF ASSEMBLY -----	1	
		-----*		
		MF & HF ANTENNA INSTL. C 177RG ONLY -----	NP	
-21	0511104-19	BRACKET -----	1	
		ATTACHING PARTS		
-22	S1021Z8-10	SCREW -----	1	
		-----*		
-23	AN100-3	THIMBLE-WIRE CABLE -----	2	
-24	463	INSULATOR -----	2	
-25	W-106A	WIRE-ANTENNA SURFACE LENGTH TO BE 327 INCHES -----	AR	
		BULK ITEM		
-26	S1282-4	SPRING -----	1	
-27	0411686	CLIP -----	1	
-28	S1367-1-10	TERMINAL -----	1	
-29	135-40	INSULATOR FEED THRU -----	1	

ADF (SENSE) ANTENNA INSTALLATION

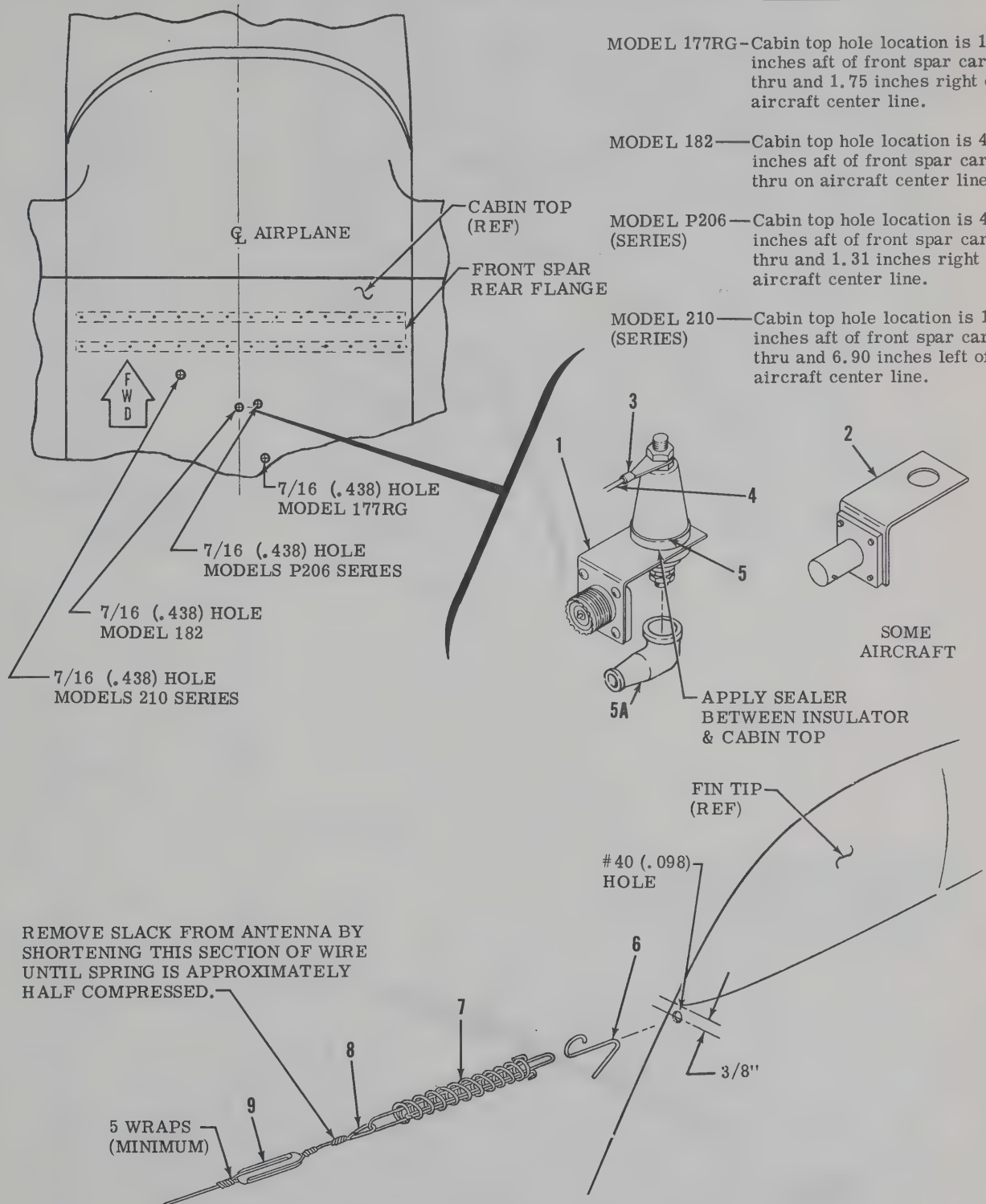
NOTE

MODEL 177RG—Cabin top hole location is 12.78 inches aft of front spar carry thru and 1.75 inches right of aircraft center line.

MODEL 182—Cabin top hole location is 4.78 inches aft of front spar carry thru on aircraft center line.

MODEL P206 (SERIES)—Cabin top hole location is 4.50 inches aft of front spar carry thru and 1.31 inches right of aircraft center line.

MODEL 210 (SERIES)—Cabin top hole location is 1.55 inches aft of front spar carry thru and 6.90 inches left of aircraft center line.

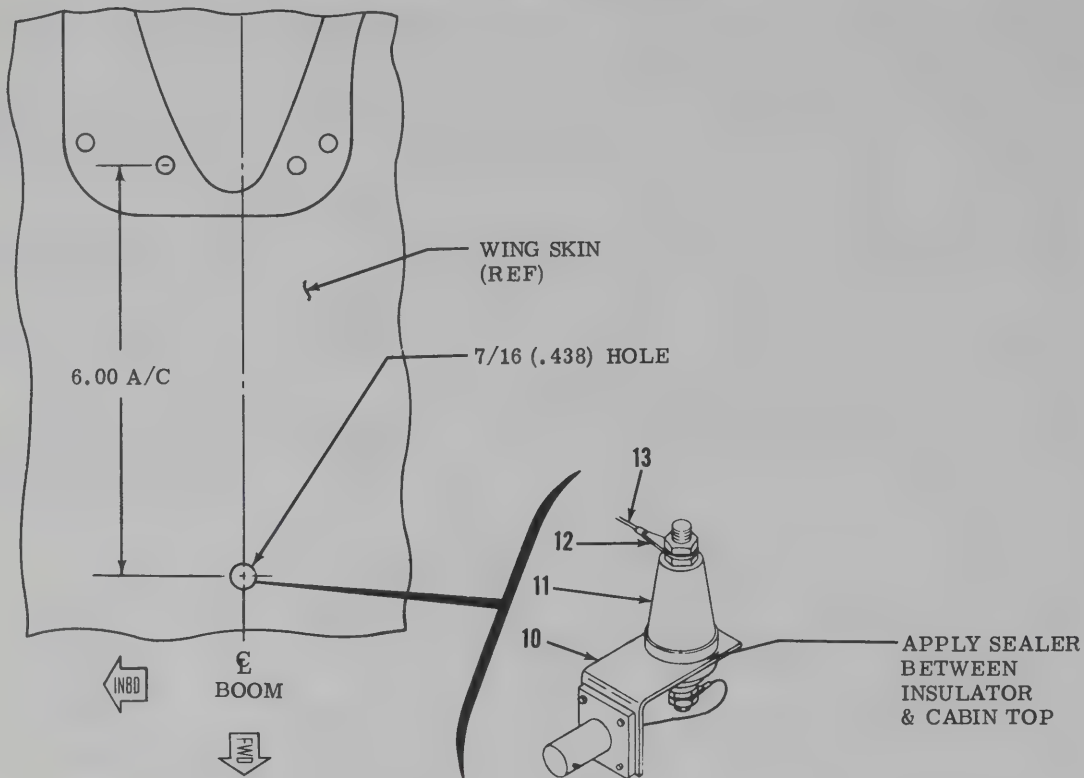


REMOVE SLACK FROM ANTENNA BY SHORTENING THIS SECTION OF WIRE UNTIL SPRING IS APPROXIMATELY HALF COMPRESSED.

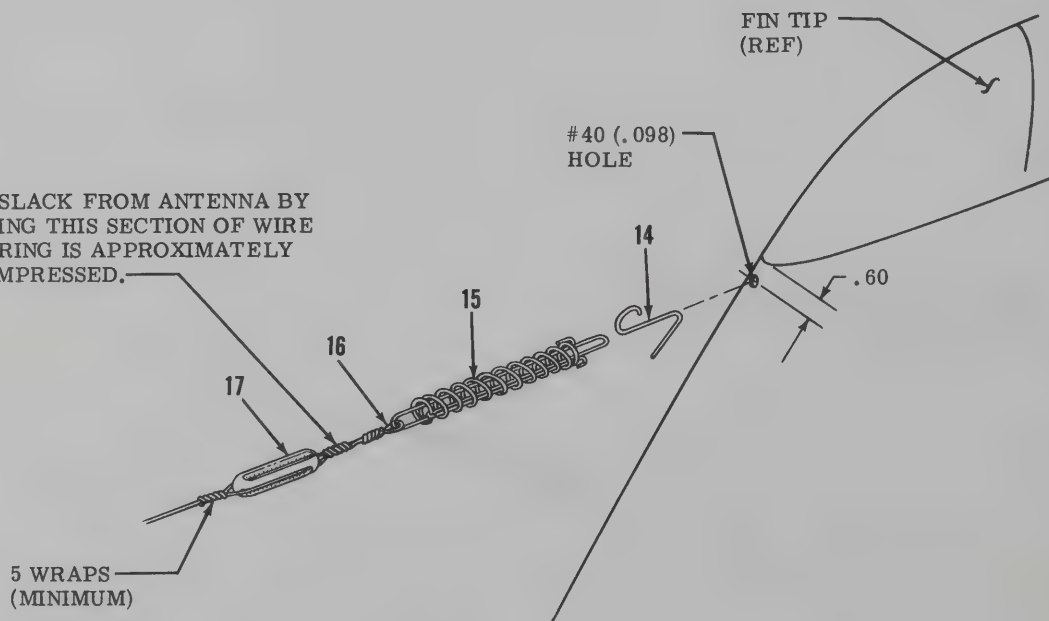
INSTALLATION **A** - ALL MODELS EXCEPT 337 SERIES

Figure 3-6. ADF (Sense) Antenna Installations (Sheet 1 of 2)

ADF (SENSE) ANTENNA INSTALLATION



REMOVE SLACK FROM ANTENNA BY SHORTENING THIS SECTION OF WIRE UNTIL SPRING IS APPROXIMATELY HALF COMPRESSED.



INSTALLATION **B** - MODEL 337 ONLY

Figure 3-6. ADF (Sense) Antenna Installations (Sheet 2 of 2)



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-6 -		ADF SENSE ANTENNA INSTALLATIONS -----	NP	
		ADF SENSE ANTENNA INSTALLATION A MODELS 177RG, 182, -----	NP	
		206 SERIES & 210 SERIES ONLY		
- 1	1270422-1	ANGLE - CONNECTOR ASSY USED ON SOME AIRCRAFT -----	1	
	1270422-2	ANGLE -----	1	
	S0-239	JACK - COAXIAL -----	1	
- 2	1270444-1	ANGLE - CONNECTOR ASSY USED ON SOME AIRCRAFT -----	1	
	1270444-2	ANGLE -----	1	
	UG-290/U	RECEPTACLE - COAXIAL -----	1	
- 3	S1367-1-10	TERMINAL -----	1	
- 4	W-106A	WIRE - ADF SENSE ANTENNA 18 FEET REQD BULK ITEM ---	AR	
- 5	135-40	INSULATOR - FEED THRU -----	1	
- 5A	S1488-1	NIPPLE USED ON SOME AIRCRAFT WHEN ITEMS 1 & 2 ARE -----	1	
		NOT INSTALLED		
- 6	0411686	CLIP -----	1	
- 7	S1282-4	SPRING -----	1	
- 8	AN100-3	THIMBLE - WIRE CABLE -----	1	
- 9	463	INSULATOR -----	1	
		ADF SENSE ANTENNA INSTALLATION B 337 SERIES ONLY -----	NP	
-10	1270444-1	ANGLE - CONNECTOR ASSY -----	1	
-11	135-40	INSULATOR - FEED THRU -----	1	
-12	S1367-1-8	TERMINAL -----	1	
-13	W-106A	WIRE #18/30 HS 20 FEET REQD BULK ITEM ---	AR	
-14	0411686	CLIP -----	1	
-15	S1282-4	SPRING -----	1	
-16	AN100-3	THIMBLE - WIRE CABLE -----	1	
-17	463	INSULATOR -----	1	
		NOTE. LENGTH OF ANTENNA ON ALL MODELS IS 10 FT.		

CESSNA 400 TRANSPONDER ANTENNA INSTALLATION

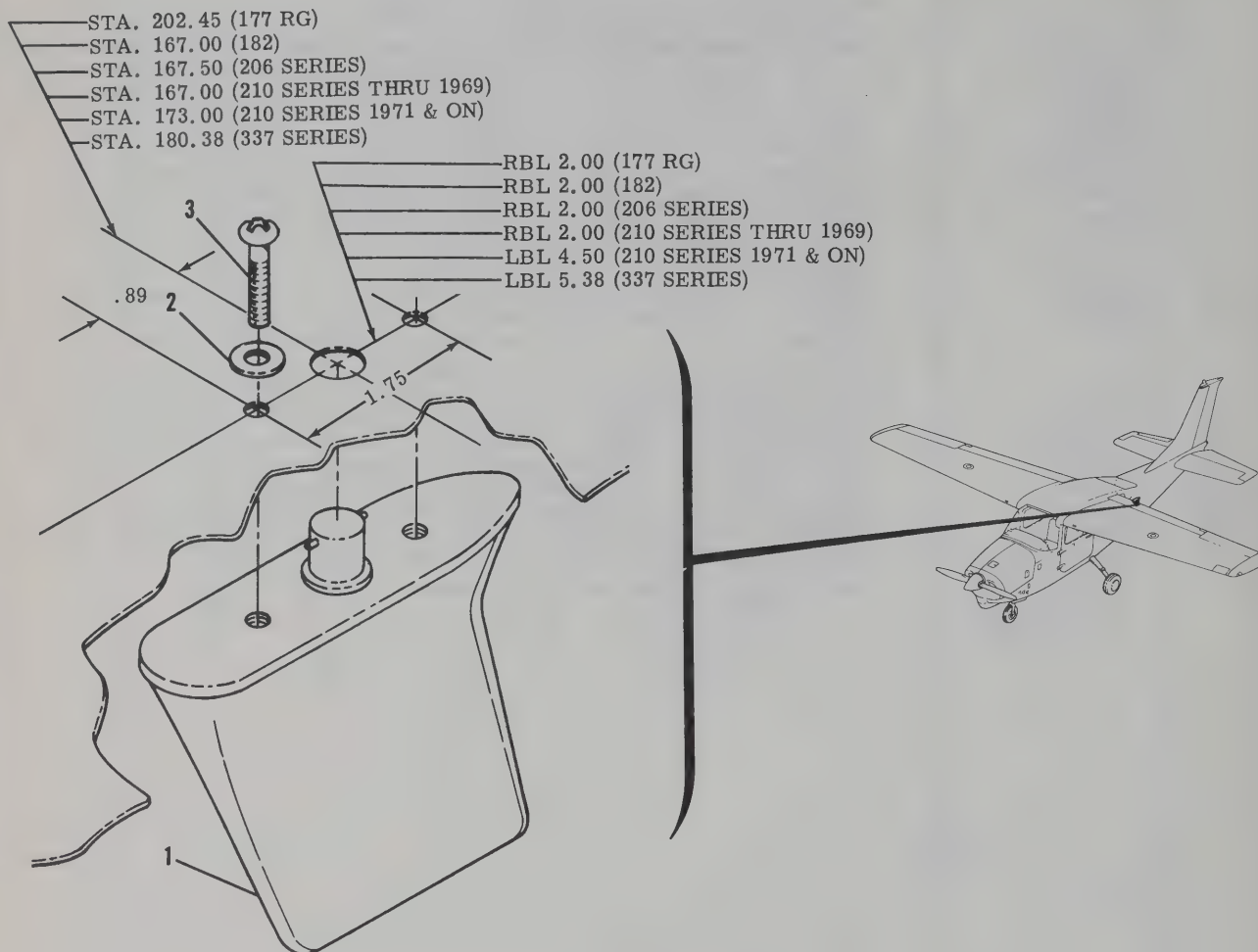


Figure 3-7. Cessna 400 Transponder (Type A-105B) Antenna Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
3-7-		1 2 3 4 5 6 7		
- 1	34970-0000	CESSNA 400 TRANSPONDER ANTENNA INSTALLATION TYPE A-105B --- 177RG, 182, 206 SERIES, 210 SERIES AND 337 SERIES ONLY	NP	
- 2	AN960-8L	ANTENNA TYPE A-105B ARC -----	1	
- 3	AN515-8R6	ATTACHING PARTS WASHER -----	2	
		SCREW -----	2	
		-----*		

CESSNA 300 TRANSPONDER ANTENNA INSTALLATION

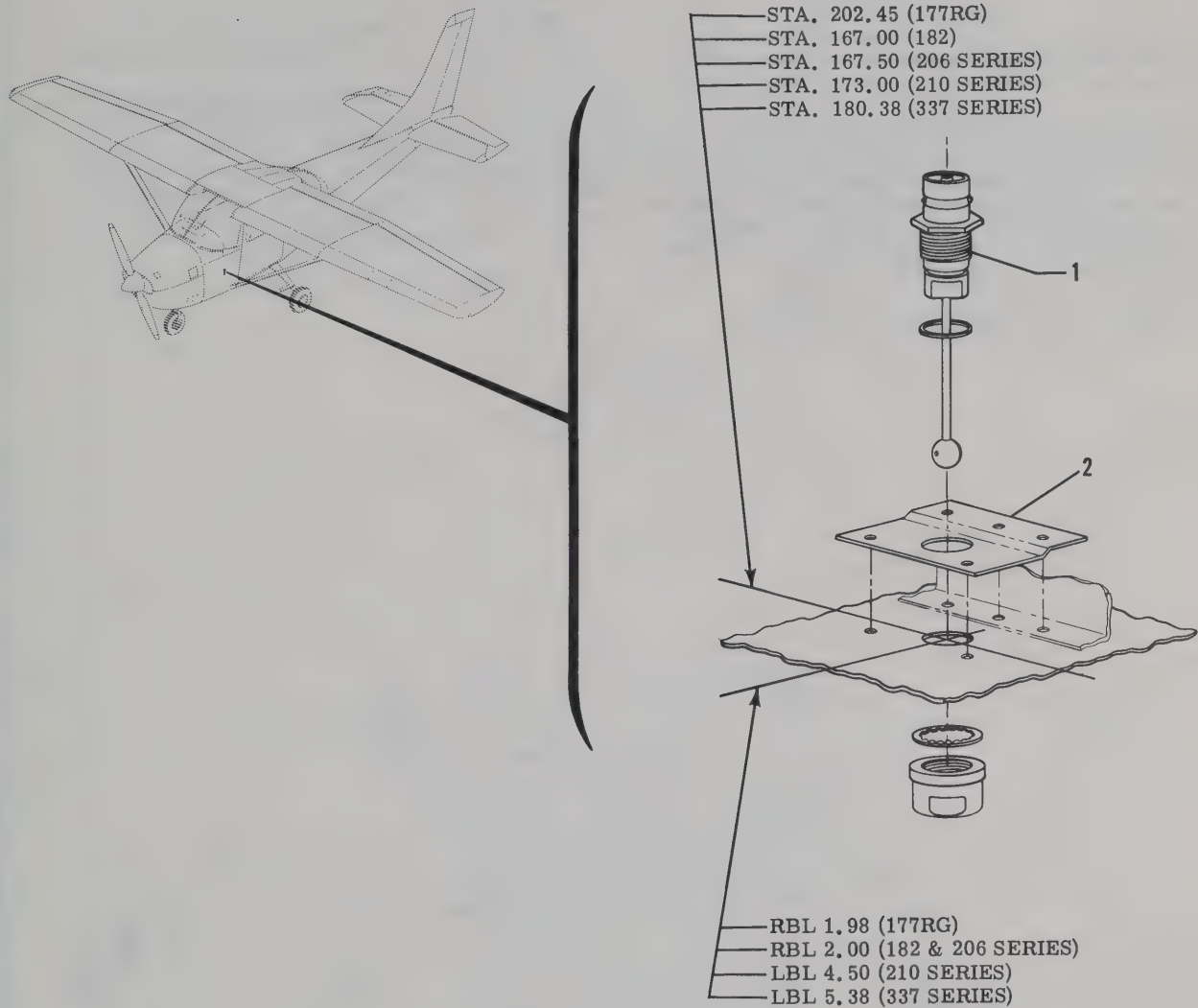


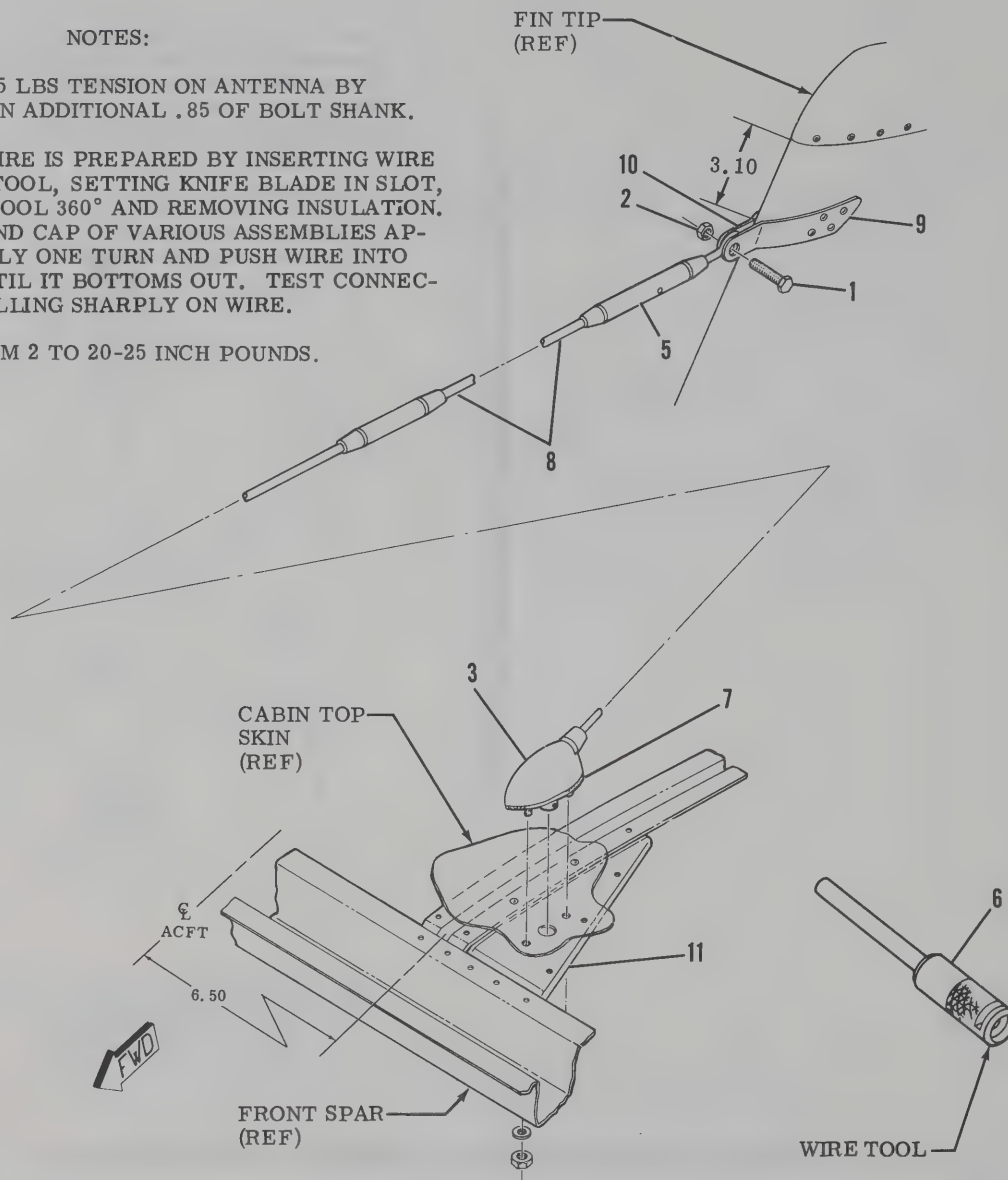
Figure 3-8. Cessna 300 Transponder (Type KA-28) Antenna Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-8 -		CESSNA 300 TRANSPONDER ANTENNA INSTALLATION ALL MODELS ----	NP	
- 1	C589505-0101	ANTENNA ALL MODELS -----	1	
- 2	1712145-1	ATTACHING PARTS -----	1	
		DOLBLER 177RG ONLY -----		
		-----*		

ANTI-PRECIPITATION ADF (SENSE) ANTENNA INSTALLATION

NOTES:

1. MAINTAIN 35 LBS TENSION ON ANTENNA BY EXPOSING AN ADDITIONAL .85 OF BOLT SHANK.
2. ANTENNA WIRE IS PREPARED BY INSERTING WIRE INTO WIRE TOOL, SETTING KNIFE BLADE IN SLOT, ROTATING TOOL 360° AND REMOVING INSULATION. UNSCREW END CAP OF VARIOUS ASSEMBLIES APPROXIMATELY ONE TURN AND PUSH WIRE INTO FITTING UNTIL IT BOTTOMS OUT. TEST CONNECTION BY PULLING SHARPLY ON WIRE.
3. TORQUE ITEM 2 TO 20-25 INCH POUNDS.



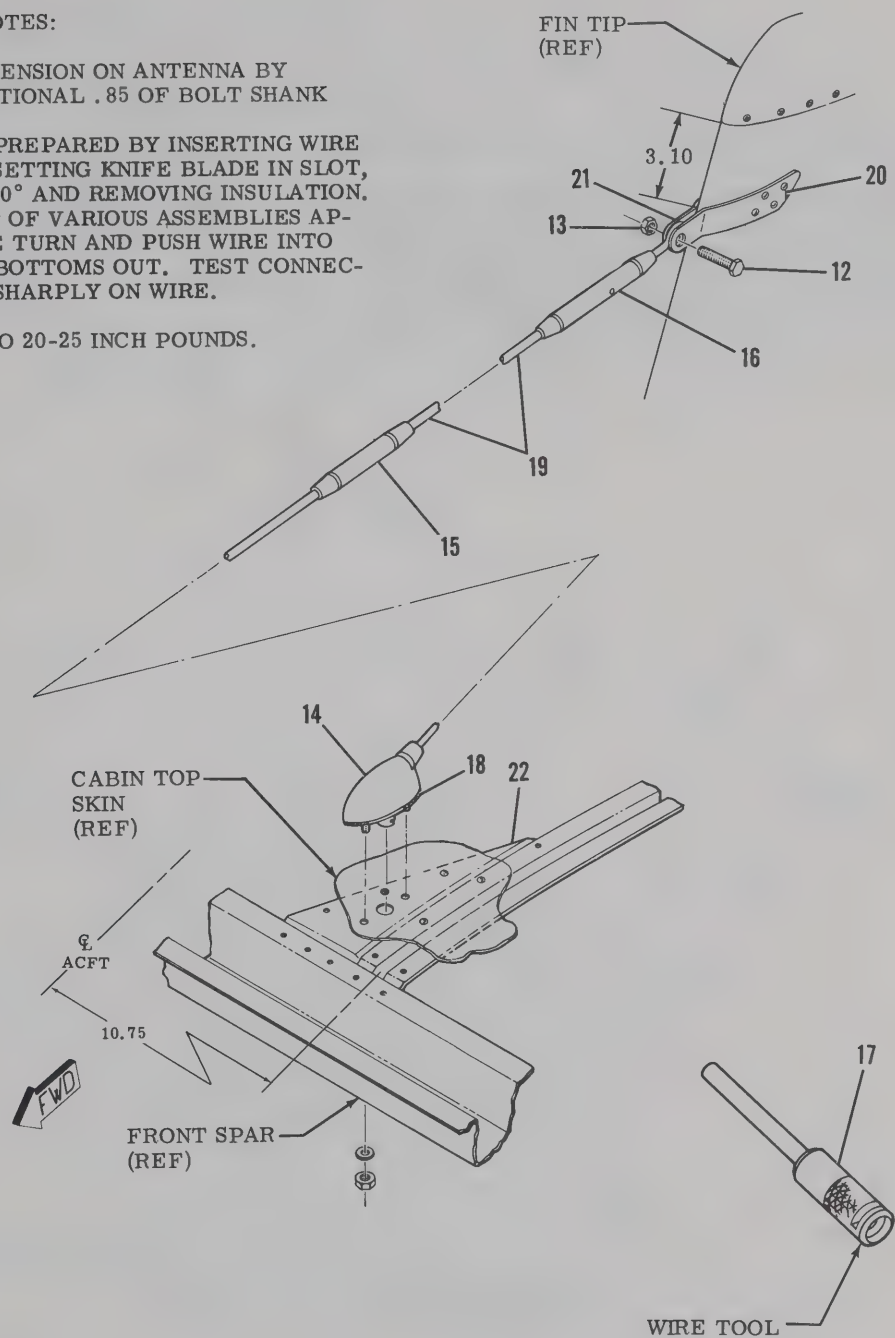
INSTALLATION **A**-MODEL 182 ONLY

Figure 3-9. Anti-Precipitation ADF (Sense) Antenna Installation (Sheet 1 of 6)

ANTI-PRECIPITATION ADF (SENSE) ANTENNA INSTALLATION

NOTES:

1. MAINTAIN 35 LBS TENSION ON ANTENNA BY EXPOSING AN ADDITIONAL .85 OF BOLT SHANK
2. ANTENNA WIRE IS PREPARED BY INSERTING WIRE INTO WIRE TOOL, SETTING KNIFE BLADE IN SLOT, ROTATING TOOL 360° AND REMOVING INSULATION. UNSCREW END CAP OF VARIOUS ASSEMBLIES APPROXIMATELY ONE TURN AND PUSH WIRE INTO FITTING UNTIL IT BOTTOMS OUT. TEST CONNECTION BY PULLING SHARPLY ON WIRE.
3. TORQUE ITEM 13 TO 20-25 INCH POUNDS.



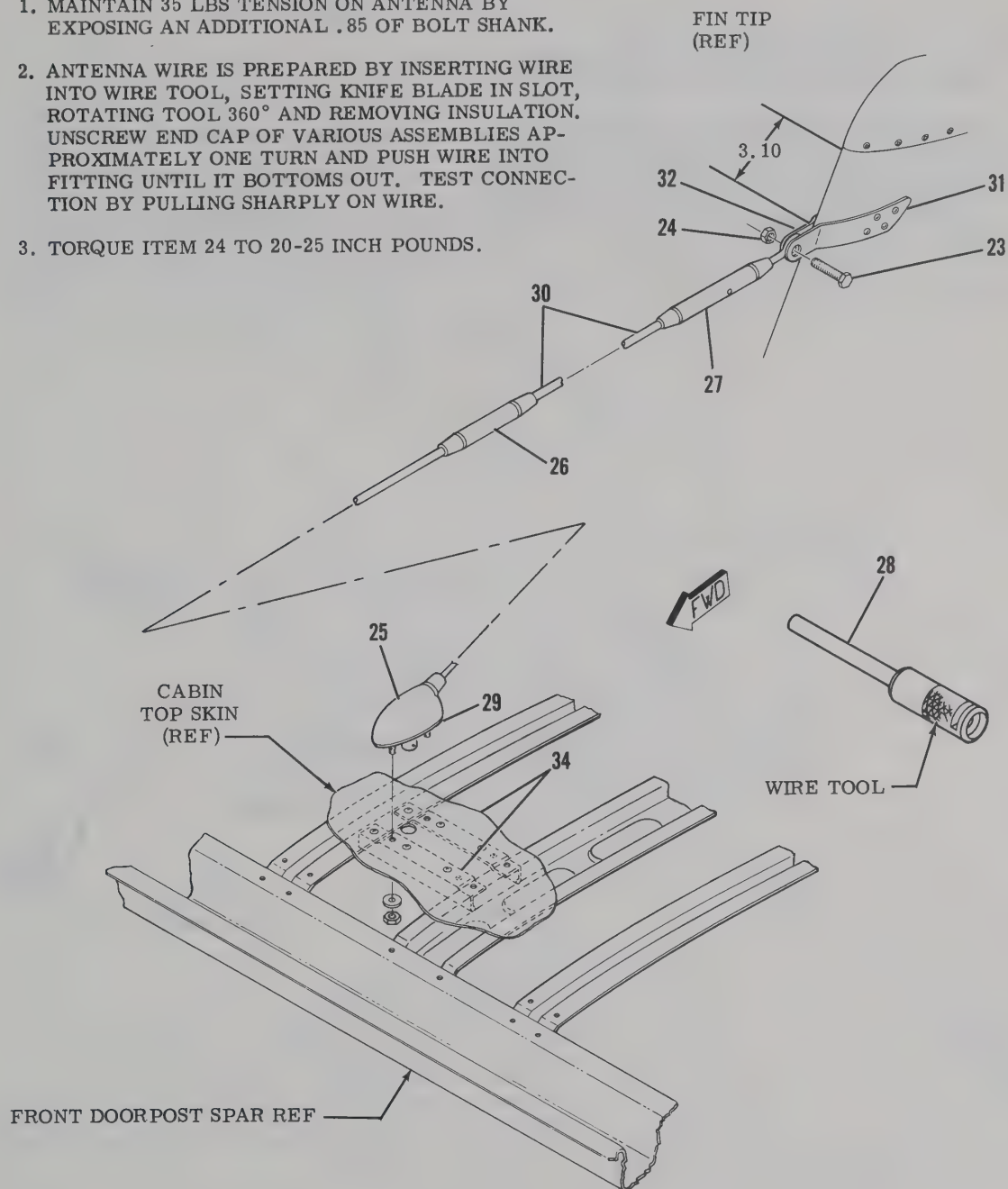
INSTALLATION **B**-THRU 1970 MODEL P206 ONLY

Figure 3-9. Anti-Precipitation ADF (Sense) Antenna Installation (Sheet 2 of 6)

ANTI-PRECIPITATION ADF (SENSE) ANTENNA INSTALLATION

NOTES:

1. MAINTAIN 35 LBS TENSION ON ANTENNA BY EXPOSING AN ADDITIONAL .85 OF BOLT SHANK.
2. ANTENNA WIRE IS PREPARED BY INSERTING WIRE INTO WIRE TOOL, SETTING KNIFE BLADE IN SLOT, ROTATING TOOL 360° AND REMOVING INSULATION. UNSCREW END CAP OF VARIOUS ASSEMBLIES APPROXIMATELY ONE TURN AND PUSH WIRE INTO FITTING UNTIL IT BOTTOMS OUT. TEST CONNECTION BY PULLING SHARPLY ON WIRE.
3. TORQUE ITEM 24 TO 20-25 INCH POUNDS.



INSTALLATION **C**-MODEL 210 SERIES WITH OXYGEN

Figure 3-9. Anti-Precipitation ADF (Sense) Antenna Installation (Sheet 4 of 6)

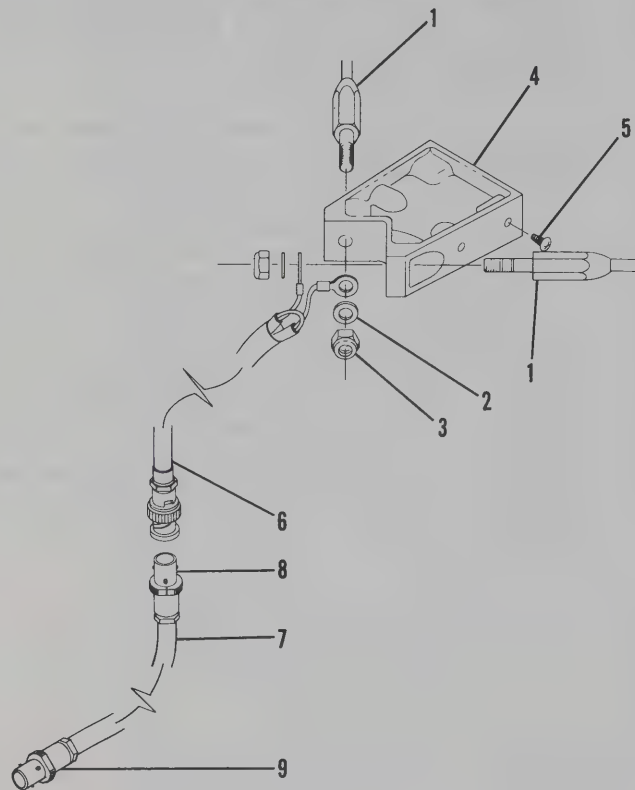
Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-9 -		ANTI-PRECIPITATION ADF SENSE ANTENNA INSTALLATION ALL ----	NP	
		MODELS 1970 & ON		
	C598502-0101	ANTI-PRECIPITATION INSTALLATION A 182 ONLY -----	NP	
		ANTENNA KIT -----	1	
		ATTACHING PARTS		
- 1	AN4-5A	BOLT -----	1	
- 2	NAS679A4	NUT -----	1	
		---*---		
- 3	C598502-0102	MOUNT INSULATOR -----	1	
- 4	C598502-0103	INSULATOR -----	1	
- 5	C598502-0104	TENSION UNIT MAINTAIN 35 LBS TENSION ON ANTENNA ----	1	
		TEN. UNIT		
- 6	C598502-0105	WIRE TOOL -----	1	
- 7	C598502-0106	GASKET -----	1	
- 8	S1971-1	WIRE BULK ITEM -----	AR	
- 9	0570039-5	SUPPORT-LH -----	1	
-10	0570039-4	SUPPORT-RH -----	1	
-11	1270680-2	STIFFENER -----	1	
	31-009	ADAPTER MATES WITH ITEM 3 USED ON 400 ADF INSTL ---	AR	
		ONLY AMBE		
	31-338	CONNECTOR MATES WITH ITEM 3 USED ON 300 ADF INSTL -	AR	
		ONLY AMBE		
	C598502-0101	ANTI-PRECIPITATION INSTALLATION B 206 SERIES ONLY -----	NP	
		ANTENNA KIT -----	1	
		ATTACHING PARTS		
-12	AN4-5A	BOLT -----	1	
-13	NAS679A4	NUT -----	1	
		---*---		
-14	C598502-0102	MOUNT INSULATOR -----	1	
-15	C598502-0103	INSULATOR -----	1	
-16	C598502-0104	TENSION UNIT MAINTAIN 35 LBS TENSION ON ANTENNA ----	1	
		TENSION UNIT		
-17	C598502-0105	WIRE TOOL -----	1	
-18	C598502-0106	GASKET -----	1	
-19	S1971-1	WIRE BULK ITEM -----	AR	
-20	0570039-5	SUPPORT-LH -----	1	
-21	0570039-4	SUPPORT-RH -----	1	
-22	1270680-1	STIFFENER -----	1	
	31-009	ADAPTER MATES WITH ITEM 14 USED ON 400 ADF INSTL --	AR	
		ONLY AMBE		
	31-338	CONNECTOR MATES WITH ITEM 14 USED ON 300 ADF INSTL -	AR	
		ONLY AMBE		
	C598502-0101	ANTI-PRECIPITATION INSTALLATION C 210 SERIES ONLY -----	NP	
		ANTENNA KIT -----	1	
		ATTACHING PARTS		
-23	AN4-5A	BOLT -----	1	
-24	NAS679A4	NUT -----	1	
		---*---		
-25	C598502-0102	MOUNT INSULATOR -----	1	
-26	C598502-0103	INSULATOR -----	1	
-27	C598502-0104	TENSION UNIT MAINTAIN 35 LBS TENSION ON ANTENNA ----	1	
		TENSION UNIT		
-28	C598502-0105	WIRE TOOL -----	1	
-29	C598502-0106	GASKET -----	1	
-30	S1971-1	WIRE BULK ITEM -----	AR	
-31	0570039-5	SUPPORT-LH -----	1	
-32	0570039-4	SUPPORT-RH -----	1	
-33	1270692-1	STIFFENER USED ONLY WHEN OXYGEN SYSTEM IS NOT INSTALLED-	2	
-34	1270692-2	STIFFENER REPLACES ITEM 33 WHEN OXYGEN SYSTEM IS -----	2	
		INSTALLED		
	31-009	ADAPTER MATES WITH ITEM 25 USED ON 400 ADF INSTL --	AR	
		ONLY AMBE		
	31-338	CONNECTOR MATES WITH ITEM 25 USED ON 300 ADF INSTL -	AR	
		ONLY AMBE		
		CONTINUED ON NEXT PAGE		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-9 -	C598502-0101	ANTI-PRECIPITATION INSTALLATION D 337 SERIES ONLY ----- ANTENNA KIT ----- ATTACHING PARTS -----	NP 1	
-35	AN-4-5A	BOLT -----	1	
-36	NAS679A4	NUT ----- -----*	1	
-37	C598502-0102	MOUNT INSULATOR -----	1	
-38	C598502-0103	INSULATOR -----	1	
-39	C598502-0104	TENSION UNIT MAINTAIN 35 LBS TENSION ON ANTENNA ----- TENSION UNIT -----	1	
-40	C598502-0105	WIRE TOOL -----	1	
-41	C598502-0106	GASKET -----	1	
-42	S1971-1	WIRE BULK ITEM -----	AR	
-43	0570039-5	SUPPORT-LH -----	1	
-44	0570039-4	SUPPORT-RH -----	1	
-45	1570225-1	STIFFENER USED ON LEFT INSTALLATION ONLY -----	2	
-46	1570235-1	STIFFENER USED ON RIGHT INSTALLATION ONLY -----	2	
	31-009	ADAPTER MATES WITH ITEM 37 USED ON 400 ADF ----- INSTALLATION ONLY	AR	
	31-338	CONNECTOR MATES WITH ITEM 37 USED ON 300 ADF ----- INSTALLATION ONLY	AR	
	C598502-0101	ANTI-PRECIPITATION INSTALLATION E 177RG ONLY ----- ANTENNA KIT ----- ATTACHING PARTS -----	NP 1	
-47	AN4-5A	BOLT -----	1	
-48	NAS679A4	NUT ----- -----*	1	
-49	C598502-0102	MOUNT INSULATOR -----	1	
-50	C598502-0103	INSULATOR -----	1	
-51	C598502-0104	TENSION UNIT MAINTAIN 35 LBS TENSION ON ANTENNA ----- TENSION UNIT -----	1	
-52	C598502-0105	WIRE TOOL -----	1	
-53	C598502-0106	GASKET -----	1	
-54	S1971-1	WIRE BULK ITEM -----	AR	
-55	0570039-5	SUPPORT-LH -----	1	
-56	0570039-4	SUPPORT-RH -----	1	
-57		DOUBLER -----	1	
	31-009	ADAPTER MATES WITH ITEM 45 USED ON 400 ADF INSTL -- ONLY AMBE	AR	
	31-338	CONNECTOR MATES WITH ITEM 45 USED ON 300 ADF INSTL -- ONLY AMBE	AR	

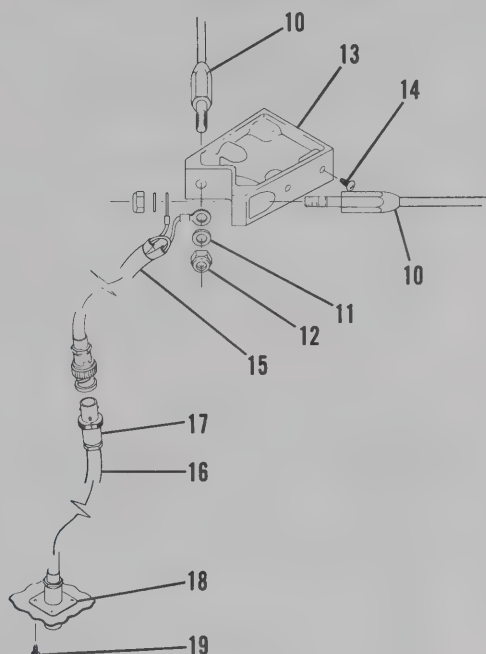
OMNI ANTENNA INSTALLATION



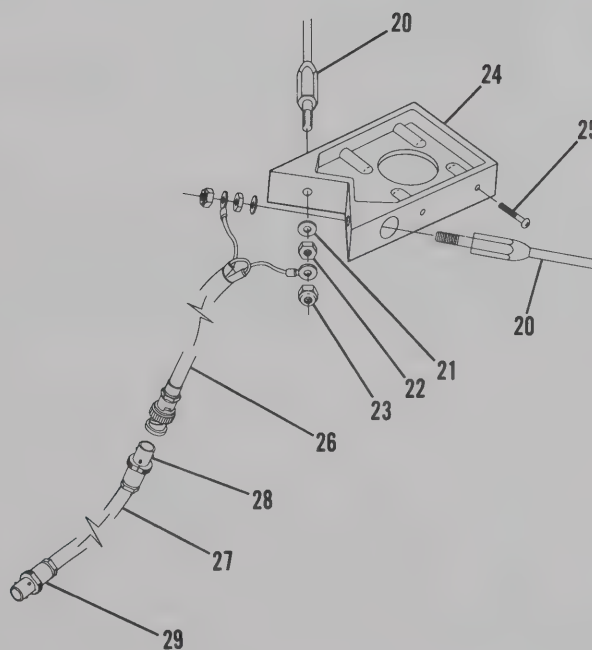
INSTALLATION **A** - 1971 & ON 177RG ONLY

Figure 3-10. Omni Antenna Installation (Sheet 1 of 2)

OMNI ANTENNA INSTALLATION



INSTALLATION B - 1971 & ON MODEL 182, 206 SERIES & 210 SERIES ONLY



INSTALLATION C - 1971 & ON 337 SERIES ONLY

Figure 3-10. Omni Antenna Installation (Sheet 2 of 2)

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-10-		OMNI ANTENNA INSTALLATIONS ALL 1971 & ON MODELS -----	NP	
- 1	1270012-12	OMNI ANTENNA INSTALLATION A 1971 & ON MODEL 177RG ONLY --	NP	
- 2	AN960-10L	ANTENNA ROD ASSEMBLY -----	2	
- 3	MS21044N3	ATTACHING PARTS -----		
		WASHER -----	2	
		NUT -----	2	
		-----*		
- 4	1770003-1	MOUNTING BLOCK-ANTENNA -----	1	
- 5	S1021Z8-8	ATTACHING PARTS -----		
- 6	1270059-1	SCREW -----	4	
		-----*		
- 7	RG-58A/U	BALUN STUB CABLE ASSY -----	1	
- 8	UG-89/U	VERTICAL FIN CABLE ASSY -----	NP	
- 9	UG-89/U	COAXIAL CABLE BULK ITEM -----	AR	
		JACK-COAXIAL CONNECTS TO BALUN STUB -----	1	
		JACK-COAXIAL CONNECTS TO TAILCONE CABLE ASSY -----	1	
		OMNI ANTENNA INSTALLATION B 1971 & ON MODELS 182, 206 ---	NP	
		& 210 SERIES ONLY -----		
-10	1270012-12	ANTENNA ROD ASSEMBLY -----	2	
-11	AN960-10L	ATTACHING PARTS -----		
-12	MS21044N3	WASHER -----	2	
		NUT -----	2	
		-----*		
-13	0570026-1	MOUNTING BLOCK-ANTENNA -----	1	
-14	S1021Z8-8	ATTACHING PARTS -----		
-15	1270059-1	SCREW -----	4	
		-----*		
-16	RG-58A/U	BALUN STUB CABLE ASSY -----	1	
-17	UG-89/U	VERTICAL FIN CABLE ASSY -----	NP	
-18	UG-291/U	COAXIAL CABLE BULK ITEM -----	AR	
		JACK-COAXIAL CONNECTS TO BALUN STUB -----	1	
		JACK-FLANGE MOUNT CONNECTS TO TAILCONE CABLE ASSY ---	1	
		ATTACHING PARTS -----		
-19	AN520-3R4	SCREW -----	4	
		-----*		
		OMNI ANTENNA INSTALLATION C 1971 & CN MODEL 337 -----	NP	
		SERIES ONLY -----		
-20	1270012-12	ANTENNA ROD ASSEMBLY -----	2	
-21	AN960-10	ATTACHING PARTS -----		
-22	AN345-10	WASHER -----	2	
-23	MS21044N3	NUT -----	2	
		NUT -----	2	
		-----*		
-24	1470060-1	MOUNTING BLOCK-ANTENNA -----	1	
-25	S1021Z8-8	ATTACHING PARTS -----		
-26	1270059-1	SCREW -----	4	
		-----*		
-27	RG-58A/U	BALUN STUB CABLE ASSY -----	1	
-28	UG-89/U	VERTICAL FIN CABLE ASSY -----	NP	
-29	UG-89/U	COAXIAL CABLE BULK ITEM -----	AR	
		JACK-COAXIAL CONNECTS TO BALUN STUB -----	1	
		JACK-COAXIAL CONNECTS TO TAILCONE CABLE ASSY -----	1	

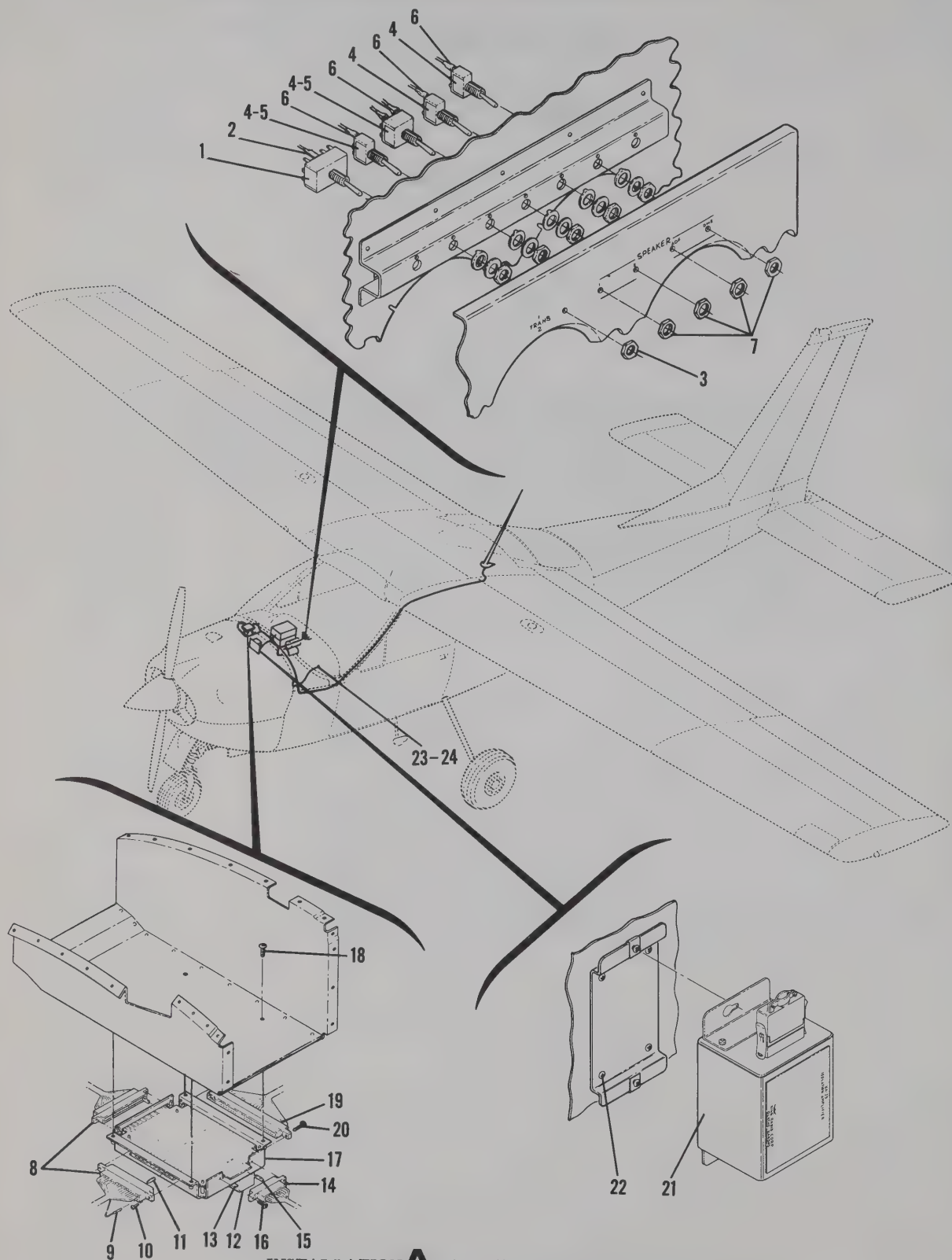
SECTION IV

AUDIO SYSTEMS

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4-1	Model 177RG Audio Isolation Amplifier & Selector Switch Installation	4-2
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AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION

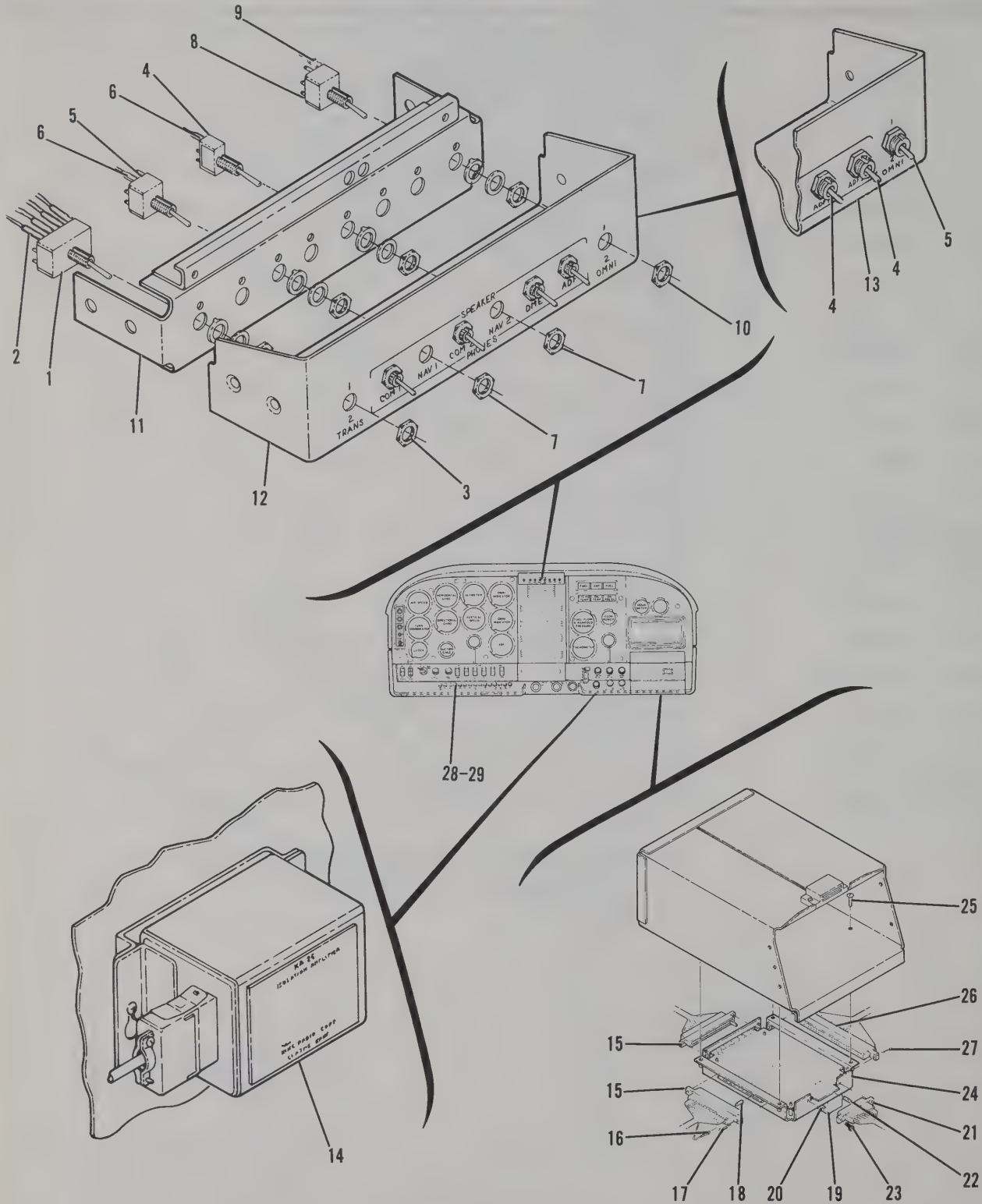


INSTALLATION **A** - ALL 177RG MODELS ONLY

Figure 4-1. Model 177RG Audio Isolation Amplifier & Selector Switch Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-1 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION ----- 1971 & ON MODEL 177RG ONLY	NP	
- 1	S1697-1	CABLE ASSY-TRANSMITTER SELECTOR	1	
- 2	S1694-3-0.5	SWITCH-TRANSMITTER SELECTOR ----- SHRINK TUBING BULK ITEM -----	AR	
- 3	S1216-3	ATTACHING PARTS NUT-DECORATIVE ----- ---*---	1	
- 4	S1695-1	CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH ----- SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH -----	NP AR	
- 5	S1696-1	RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH -----	AR	
- 6	S1694-3-0.5	RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER SHRINK TUBING BULK ITEM -----	AR	
- 7	S1216-3	ATTACHING PARTS NUT-DECORATIVE ----- ---*---	1	
- 8	S1838-2	HOUSING 36 PIN ----- ATTACHING PARTS	2	
- 9	S1837-1	TERMINAL -----	AR	
-10	AN515-4R6	SCREW ----- ---*---	2	
-11	S1836-1	KEYING PLUG USED ON ITEM 8 & 14 ONLY ONE EACH ----- REQD PER HOUSING	1	
-12	S1813-2	RELAY ----- ATTACHING PARTS	1	
-13	9KH3	SPRING PBR ----- ---*---	1	
-14	S1838-3	HOUSING 20 PIN ----- ATTACHING PARTS	1	
-15	S1837-1	TERMINAL -----	AR	
-16	AN515-4-8	SCREW ----- ---*---	2	
-17	0570084-1	JUNCTION BOX & CIRCUIT BOARD ASSY ----- ATTACHING PARTS	1	
-18	AN515-8R6	SCREW ----- ---*---	4	
-19	S1838-1	HOUSING 60 PIN ----- ATTACHING PARTS	1	
-20	AN515-6R8	SCREW ----- ---*---	2	
-21	KA-25	KING ISOLATION AMPLIFIER NOT REQD ON RADIOS WITH ----- BUILT-IN AMPLIFIER KG	1	
-22	AN515-8R8	ATTACHING PARTS SCREW ----- ---*---	4	
-23	S1360-5L	CIRCUIT BREAKER -----	1	
-24	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	
NOTE. *WHEN THE ADF IS INSTALLED ON THE R.H. SIDE OF THE INSTRUMENT PANEL, THE 0570084-1 JUNCTION BOX WILL BE MOUNTED ON THE BOTTOM OF THE ADF DUST COVER.				

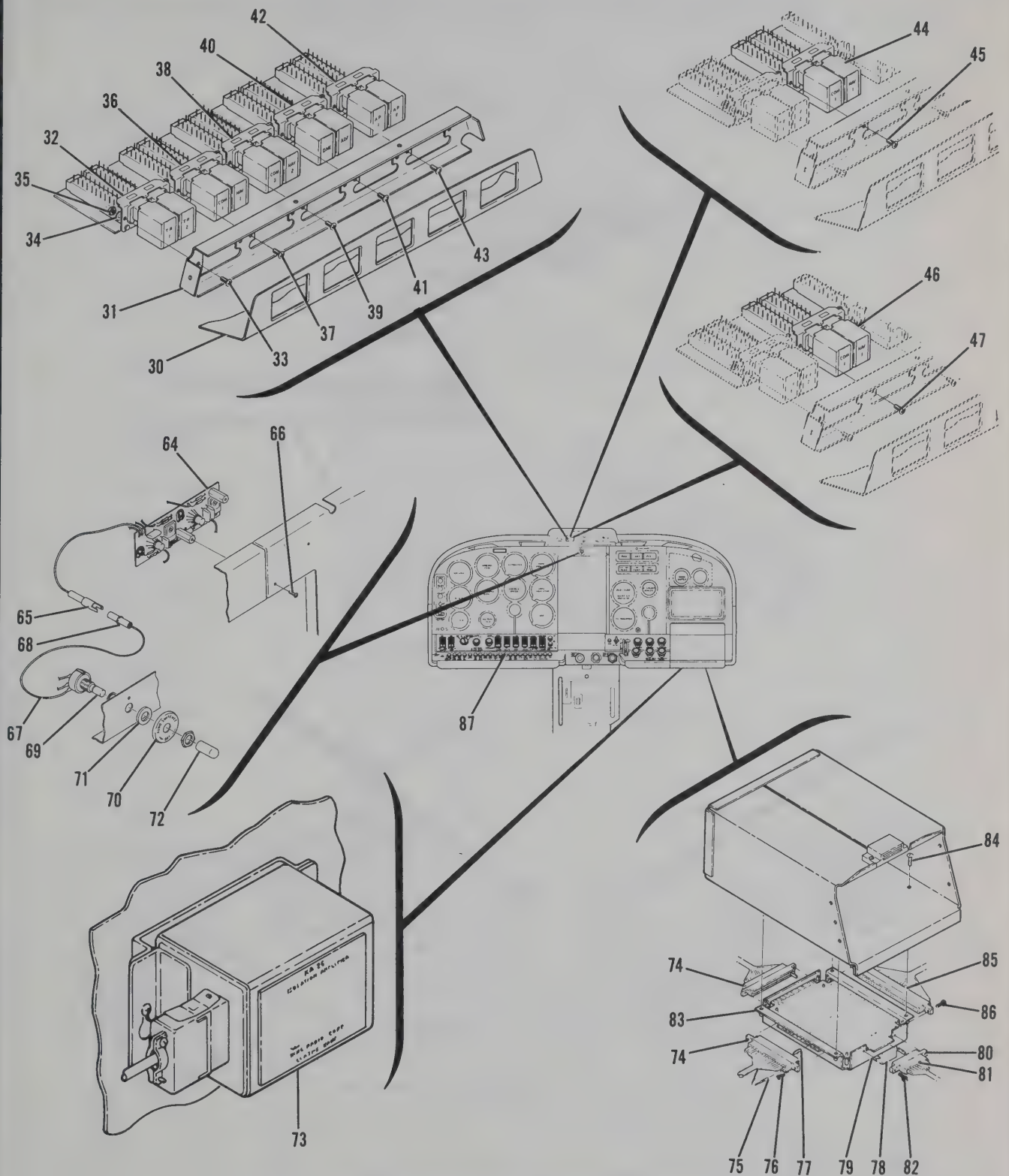
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION A - ALL 182 MODELS THRU 1971 ONLY

Figure 4-2. Model 182 Audio Isolation Amplifier & Selector Switch Installation (Sheet 1 of 3)

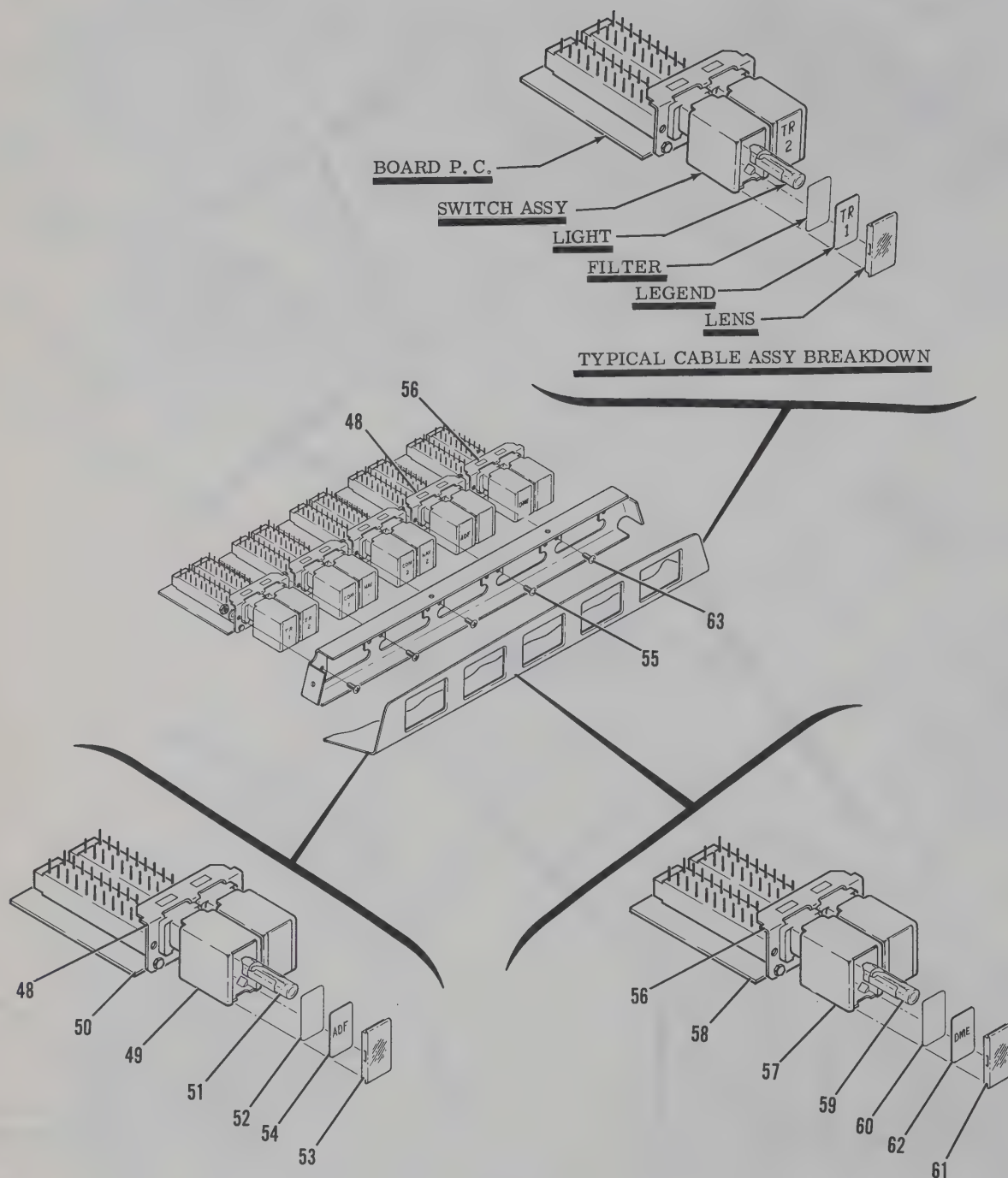
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION B - 1972 & ON 182 MODELS ONLY (Sheet 1 of 2)

Figure 4-2. Model 182 Audio Isolation Amplifier & Selector Switch Installation (Sheet 2 of 3)

AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION B - 1972 & ON 182 MODELS ONLY (Sheet 2 of 2)

Figure 4-2. Model 182 Audio Isolation Amplifier & Selector Switch Installation (Sheet 3 of 3)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-2 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION ----- ALL 182 MODELS ONLY	NP	
		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION A -- ALL 182 MODELS THRU 1971 ONLY	NP	
- 1	S1697-1	CABLE ASSY-TRANSMITTER SELECTOR SWITCH ----- SWITCH-TRANSMITTER SELECTOR -----	NP 1	
- 2	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS	AR	
- 3	S1216-3	NUT-DECORATIVE ----- -----*	1	
		CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH -----	NP	
- 4	S1675-2	SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER	1	
- 5	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER	1	
- 6	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS	AR	
- 7	S1216-3	NUT-DECORATIVE ----- -----*	AR	
		CABLE ASSY-OMNI SELECTOR SWITCH -----	NP	
- 8	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW -----	1	
- 9	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS	1	
-10	S1216-3	NUT-DECORATIVE ----- -----*	1	
-11	1213064-1	BRACKET ASSY-SWITCH MOUNTING -----	1	
-12	1213005-2	COVER ----- ATTACHING PARTS	1	
	AN507-632R7	SCREW ----- -----*	4	
-13	1213005-4	COVER REPLACES ITEM 12 WHEN DUAL ADF IS INSTALLED -----	1	
-14	KA-25	KING ISOLATION AMPLIFIER NOT REQD ON RADIOS WITH ----- BUILT IN AMPLIFIER KG	1	
	AN515-6R8	ATTACHING PARTS		
	NAS679A06	SCREW ----- NUT -----	4 4	
		-----*		
-15	S1838-2	HOUSING 36 PIN ----- ATTACHING PARTS	2	
-16	S1837-1	TERMINAL -----	AR	
-17	AN515-4R6	SCREW ----- -----*	4	
-18	S1836-1	KEYING PLUG USED ON ITEM 16 & 22 ONLY ONE EACH ---- REQD PER HOUSING	3	
-19	S1813-2	RELAY ----- ATTACHING PARTS	1	
-20	9KH3	SPRING PBR ----- -----*	1	
-21	S1838-2	HOUSING 20 PIN ----- ATTACHING PARTS	1	
-22	S1837-1	TERMINAL -----	1	
-23	AN515-4R6	SCREW ----- -----*	2	
-24	0570084-1	JUNCTION BOX & CIRCUIT BOARD ASSY ----- ATTACHING PARTS	1	
-25	AN515-8R6	SCREW ----- -----*	4	
-26	S1838-1	HOUSING 60 PIN ----- ATTACHING PARTS	1	
-27	AN515-6R8	SCREW ----- -----*	2	
-28	S1360-5L	CIRCUIT BREAKER 12 VOLT -----	1	
-29	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	
		CONTINUED ON NEXT PAGE		

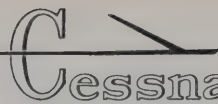


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-2 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION B -- 1972 & ON 182 SERIES MODELS ONLY	NP	
-30	1213329	COVER STD EQUIPMENT ON ACFT -----	REF	
-31	1213328	BRACKET STD EQUIPMENT ON AFCT -----	REF	
-32	1270675-2018	CABLE ASSY-TRANSMITTER SELECTOR SWITCH TR 1 & TR 2 ----	1	
	S2131-2	SWITCH ASSY -----	1	
	1270714-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12 VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-6	LEGEND TR1 -----	1	
	S2133-7	LEGEND TR2 -----	1	
		ATTACHING PARTS		
-33	AN515-4R8	SCREW -----	2	
-34	AN93684	WASHER -----	2	
-35	AN340B4	NUT -----	2	
		-----*		
-36	0770750-2025	CABLE ASSY-AUDIO SELECTOR SWITCH COM 1 & NAV 1 ----- FIRST 400 NAV/COM FOR SPARES ONLY SAME AS 077075-2011 CABLE ASSY ONLY 24 VOLT LIGHT BULBS ARE NOT CALLED OUT IN 077075-2011 CABLE ASSY	1	
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2133-2	LIGHT 24-VOLT NOT USED ON 182 ACFT -----	2	
	S2133-25	FILTER -----	2	
	S2134-2	LENS -----	2	
	S2133-9	LEGEND COM 1 -----	1	
	S2133-11	LEGEND NAV 1 -----	1	
		ATTACHING PARTS		
-37	AN515-4R8	SCREW -----	2	
	AN93684	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-38	0770750-2026	CABLE ASSY-AUDIO SELECTOR SWITCH COM 2 & NAV 2 ----- SECOND 400 NAV/COM FOR SPARES ONLY SAME AS 0770750-2013 CABLE ASSY ONLY 24 VOLT LIGHT BULBS ARE NOT CALLED OUT IN 0770750-2013 CABLE ASSY	1	
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2134-2	LIGHT 24-VOLT NOT USED ON 182 ACFT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-10	LEGEND COM 2 -----	1	
	S2133-12	LEGEND NAV 2 -----	1	
		ATTACHING PARTS		
-39	AN515-4R8	SCREW -----	2	
	AN93684	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-40	0770750-2027	CABLE ASSY AUDIO SELECTOR SWITCH ADF-DME -----	1	
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2134-2	LIGHT 24-VOLT NOT USED ON 182 ACFT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-15	LEGEND ADF -----	1	
	S2133-20	LEGEND DME -----	1	
		ATTACHING PARTS		
-41	AN515-4R8	SCREW -----		
	AN93684	WASHER -----		
	AN340B4	NUT -----		
		-----*		

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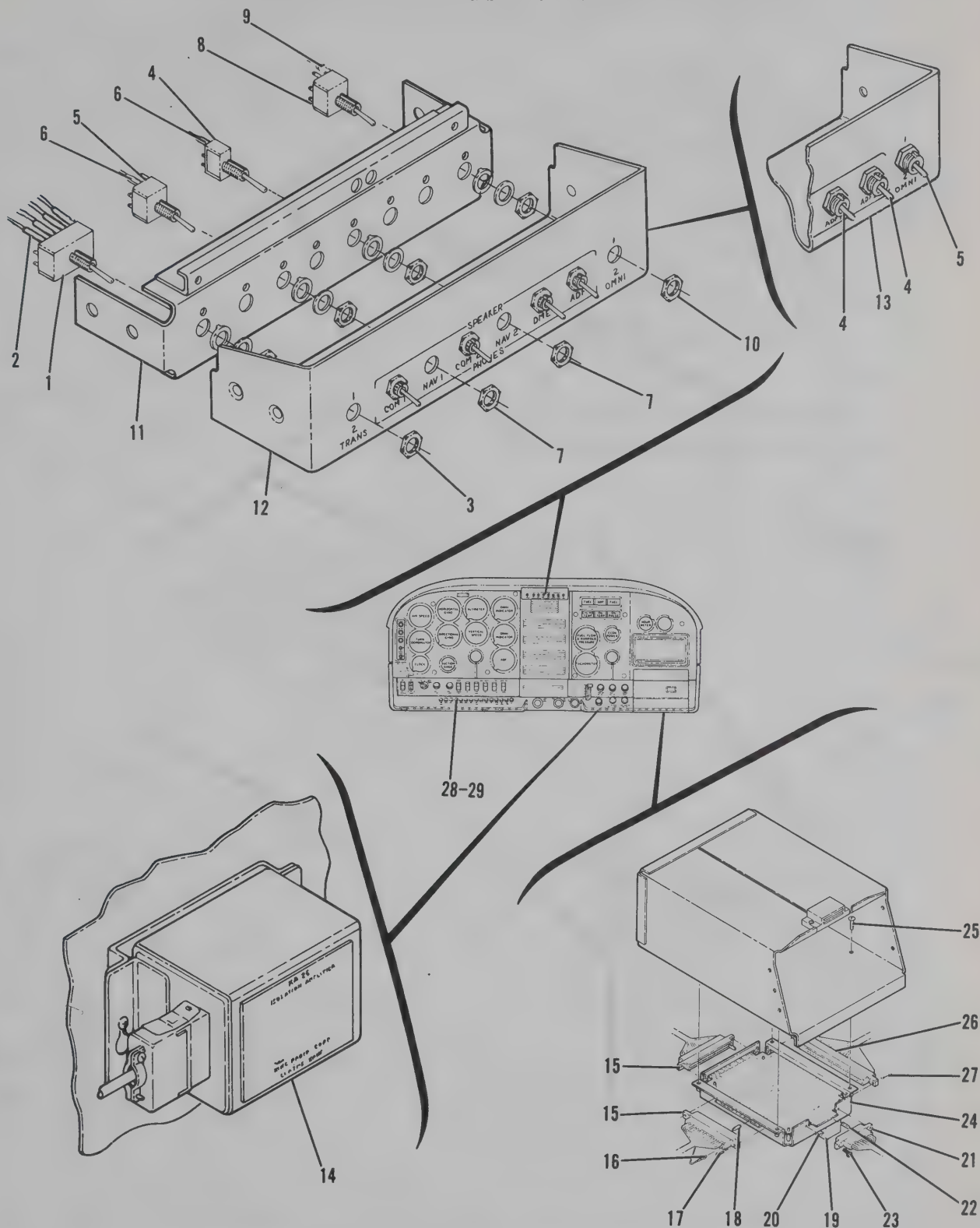
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-2 -42	0770750-2017	CABLE ASSY-OMNI SELECTOR SWITCH AP 1 & AP 2 -----		
	S2131-2	SWITCH ASSY -----	1	
	1270716-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-13	LEGEND AP 1 -----	1	
	S2133-14	LEGEND AP 2 -----	1	
-43		ATTACHING PARTS		
	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
-44	0770750-2012	CABLE ASSY-DUAL 300 NAV/COM REC 1 & REC 2 -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-21	LEGEND REC 1 -----	1	
	S2133-22	LEGEND REC 2 -----	1	
-45		ATTACHING PARTS		
	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
-46	0770750-2014	CABLE ASSY-AUDIO SELECTOR SWITCH HF -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	1	
	S2133-25	FILTER -----	1	
	S2133-2	LENS -----	1	
	S2133-19	LEGEND HF -----	1	
		ATTACHING PARTS		
-47	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-48	0770750-2015	CABLE ASSY-AUDIO SELECTOR SWITCH ADF -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	1	
	S2133-25	FILTER -----	1	
	S2133-2	LENS -----	1	
	S2133-15	LEGEND ADF -----	1	
		ATTACHING PARTS		
-55	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-56	0770750-2016	CABLE ASSY-AUDIO SELECTOR SWITCH DME -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134	LIGHT 12 VOLT -----	1	
	S2133-25	FILTER -----	1	
	S2133-2	LENS -----	1	
	S2133-20	LEGEND DME -----	1	
		ATTACHING PARTS		
-63	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-2 -64	1270713-1	REGULATOR ASSY -----	1	
-65	S1637-1	HOUSING -----	7	
	S1635-1	PIN -----	7	
		ATTACHING PARTS		
-66	AN515-4R6	SCREW -----	2	
		---*---		
-67	1270708-260	CABLE ASSY -----	1	
-68	S1637-2	HOUSING -----	3	
-69	3859A-281-103A	POTENIOMETER -----	1	
		ATTACHING PARTS		
-70	0713895-1	COVER -----	1	
-71	NAS549H616	WASHER -----	1	
-72	S2093-1	KNOB -----	1	
		---*---		
		NOTE. THE FOLLOWING LEGENDS MAY BE ORDERED IF DESIRED FOR OTHER RADIO COMBINATIONS NOT OFFERED IN THIS PARTS LIST		
	S2133-8	LEGEND TR3 THIRD TRANSMITTER -----	1	
	S2133-16	LEGEND ADF1 FIRST ADF -----	1	
	S2133-17	LEGEND ADF2 SECOND ADF -----	1	
-73	KA-25	KING ISOLATION AMPLIFIER NOT REQD ON RADIOS WITH -----	1	
		BUILT IN AMPLIFIER KG		
		ATTACHING PARTS		
	AN515-6R8	SCREW -----	4	
	NAS679A06	NUT -----	4	
		---*---		
-74	S1838-2	HOUSING 36 PIN -----	2	
		ATTACHING PARTS		
-75	S1837-1	TERMINAL -----	AR	
-76	AN515-4R6	SCREW -----	4	
		---*---		
-77	S1836-1	KEYING PLUG USED ON ITEM 74 & 80 ONLY ONE EACH -----	3	
		REQD PER HOUSING		
-78	S1813-2	RELAY -----	1	
		ATTACHING PARTS		
-79	9KH3	SPRING PBR -----	1	
		---*---		
-80	S1838-2	HOUSING -----	1	
		ATTACHING PARTS		
-81	S1837-1	TERMINAL -----	1	
-82	AN515-4R6	SCREW -----	2	
		---*---		
-83	0570084-1	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
		ATTACHING PARTS		
-84	AN515-8R6	SCREW -----	4	
		---*---		
-85	S1838-1	HOUSING 60 PIN -----	1	
		ATTACHING PARTS		
-86	AN515-6R8	SCREW -----	2	
		---*---		
-87	S1360-5L	CIRCUIT BREAKER 12 VOLT -----	1	
	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	

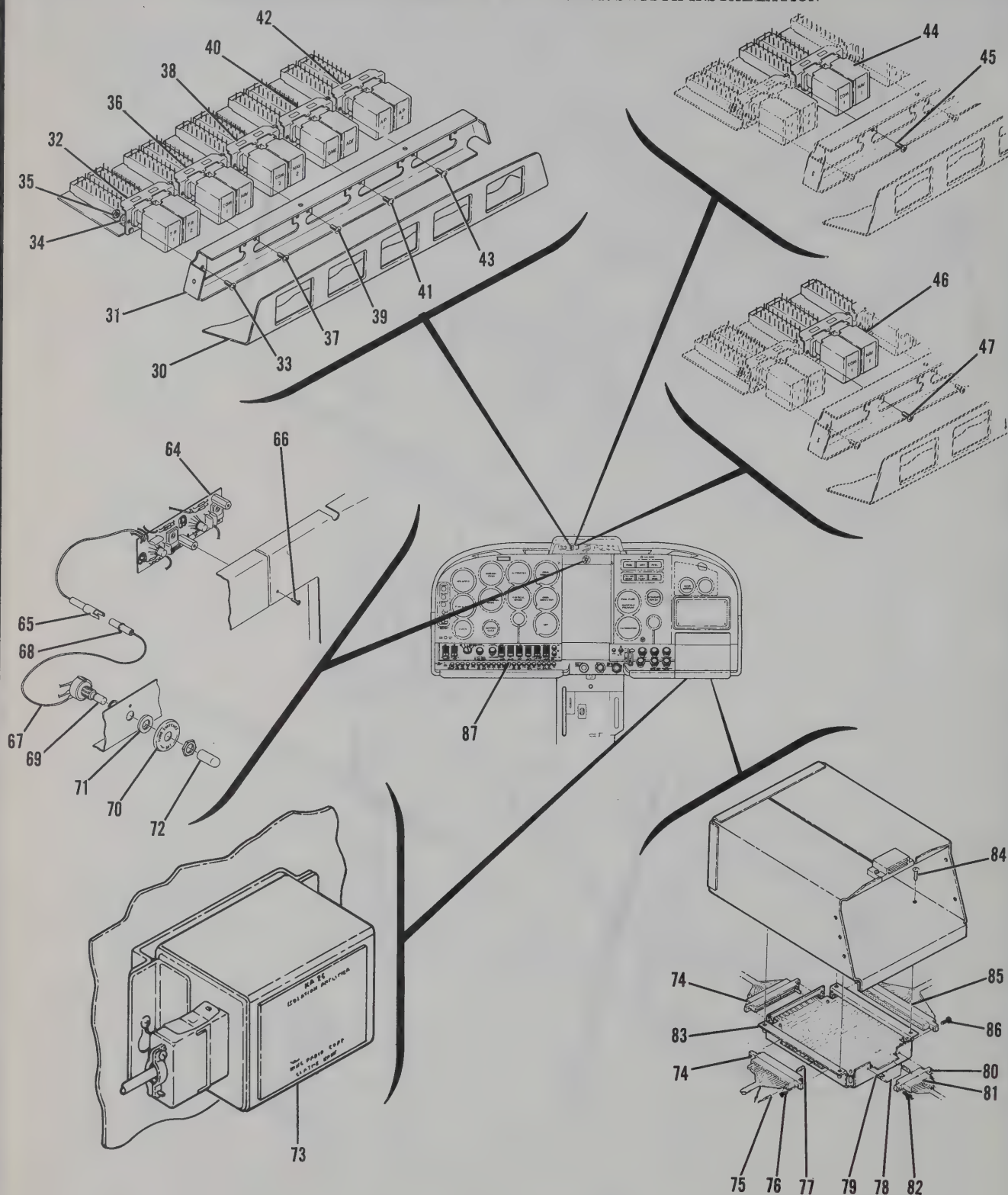
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION **A** - ALL 206 SERIES THRU 1971 ONLY

Figure 4-3. Model 206 Audio Isolation Amplifier & Selector Switch Installation (Sheet 1 of 3)

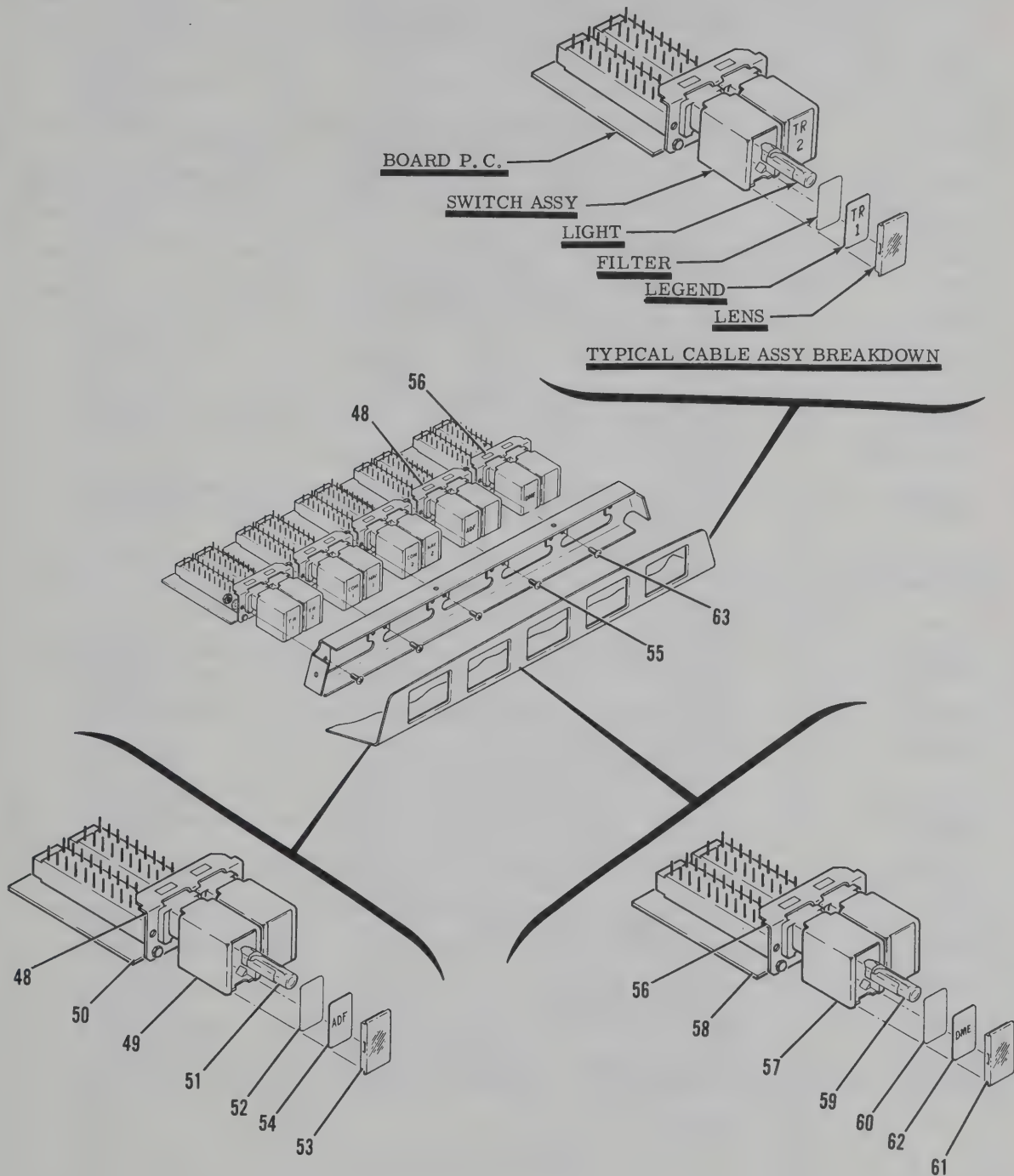
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION B- ALL 206 SERIES 1972 & ON ONLY (Sheet 1 of 2)

Figure 4-3. Model 206 Audio Isolation Amplifier & Selector Switch Installation (Sheet 2 of 3)

AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION **B** - ALL 206 SERIES 1972 & ON ONLY (Sheet 2 of 2)

Figure 4-3. Model 206 Audio Isolation Amplifier & Selector Switch Installation (Sheet 3 of 3)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-3 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION ----- ALL 206 SERIES MODELS ONLY	NP	
		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION A -- ALL 206 SERIES MODELS THRU 1971 ONLY	NP	
- 1	S1697-1	CABLE ASSY-TRANSMITTER SELECTOR SWITCH ----- SWITCH-TRANSMITTER SELECTOR ----- ATTACHING PARTS	NP 1	
- 3	S1216-3	NUT-DECORATIVE ----- -----*	1	
- 4	S1696-1	CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH ----- SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER	NP	
- 5	S1694-3-0.5	SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER	AR	
- 6	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS	AR	
- 7	S1216-3	NUT-DECORATIVE ----- -----*	AR	
- 8	S1696-1	CABLE ASSY-OMNI SELECTOR SWITCH ----- SWITCH DOUBLE POLE-DOUBLE THROW -----	NP	
- 9	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS	1	
-10	1216-3	NUT-DECORATIVE ----- -----*		
-11	1213064-1	BRACKET ASSY-SWITCH MOUNTING -----	1	
-12	1213005-2	COVER ----- ATTACHING PARTS	1	
	AN507-632R7	SCREW ----- -----*	4	
-13	1213005-4	COVER REPLACES ITEM 12 WHEN DUAL ADF IS INSTALLED ----	1	
-14	KA-25	KING ISOLATION AMPLIFIER NOT REQD ON RADIOS WITH ---- BUILT IN AMPLIFIER KG ATTACHING PARTS		
	AN515-6R8	SCREW -----	4	
	NAS679A06	NUT ----- -----*	4	
-15	S1838-2	HOUSING 36 PIN ----- ATTACHING PARTS	2	
-16	S1837-1	TERMINAL -----	AR	
-17	AN515-4R6	SCREW ----- -----*	4	
-18	S1836-1	KEYING PLUG USED ON ITEM 16 & 22 ONLY ONE EACH ---- REQD PER HOUSING	3	
-19	S1813-2	RELAY ----- ATTACHING PARTS	1	
-20	9KH3	SPRING PBR ----- -----*	1	
-21	S1838-2	HOUSING 20 PIN ----- ATTACHING PARTS	1	
-22	S1837-1	TERMINAL -----	1	
-23	AN515-4R6	SCREW ----- -----*	2	
-24	0570084-1	JUNCTION BOX & CIRCUIT BOARD ASSY ----- ATTACHING PARTS	1	
-25	AN515-8R6	SCREW ----- -----*	4	
-26	S1838-1	HOUSING 60 PIN ----- ATTACHING PARTS	1	
-27	AN515-6R8	SCREW ----- -----*	2	
-28	S1360-5L	CIRCUIT BREAKER 12 VOLT -----	1	
-29	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	
CONTINUED ON NEXT PAGE				

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-3 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION B -- 1972 & ON 206 SERIES MODELS ONLY	NP	
-30	1213329	COVER STD EQUIPMENT ON ACFT -----	REF	
-31	1213328	BRACKET STD EQUIPMENT ON ACFT -----	REF	
-32	1270675-2018	CABLE ASSY-TRANSMITTER SELECTOR SWITCH TR 1 & TR 2 ----	1	
	S2131-2	SWITCH ASSY -----	1	
	1270714-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12 VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-6	LEGEND TR1 -----	1	
	S2133-7	LEGEND TR2 -----	1	
		ATTACHING PARTS		
-33	AN515-4R8	SCREW -----	2	
-34	AN936B4	WASHER -----	2	
-35	AN340B4	NUT -----	2	
		---*---		
-36	0770750-2025	CABLE ASSY-AUDIO SELETOR SWITCH COM 1 & NAV 1 ----- FIRST 400 NAV/COM FOR SPARES ONLY SAME AS 1270675-2011 CABLE ASSY ONLY 24 VOLT LIGHT BULBS ARE NOT CALLED OUT IN 077075-2011 CABLE ASSY	1	
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2133-2	LIGHT 24-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2134-2	LENS -----	2	
	S2133-9	LEGEND COM 1 -----	1	
	S2133-11	LEGEND NAV 1 -----	1	
		ATTACHING PARTS		
-37	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-38	1270675-2026	CABLE ASSY-AUDIO SELECTOR SWITCH COM 2 & NAV 2 ----- SECOND 400 NAV/COM FOR SPARES ONLY SAME AS 1270675-2013 CABLE ASSY ONLY 24 VOLT LIGHT BULBS ARE NOT CALLED OUT IN 0770750-2013 CABLE ASSY	1	
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2134-2	LIGHT 24-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-10	LEGEND COM 2 -----	1	
	S2133-12	LEGEND NAV 2 -----	1	
		ATTACHING PARTS		
-39	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-40	1270675-2027	CABLE ASSY AUDIO SELECTOR SWITCH ADF-DME -----	1	
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2134-2	LIGHT 24-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-15	LEGEND ADF -----	1	
	S2133-20	LEGEND DME -----	1	
		ATTACHING PARTS		
-41	AN515-4R8	SCREW -----		
	AN936B4	WASHER -----		
	AN340B4	NUT -----		
		---*---		

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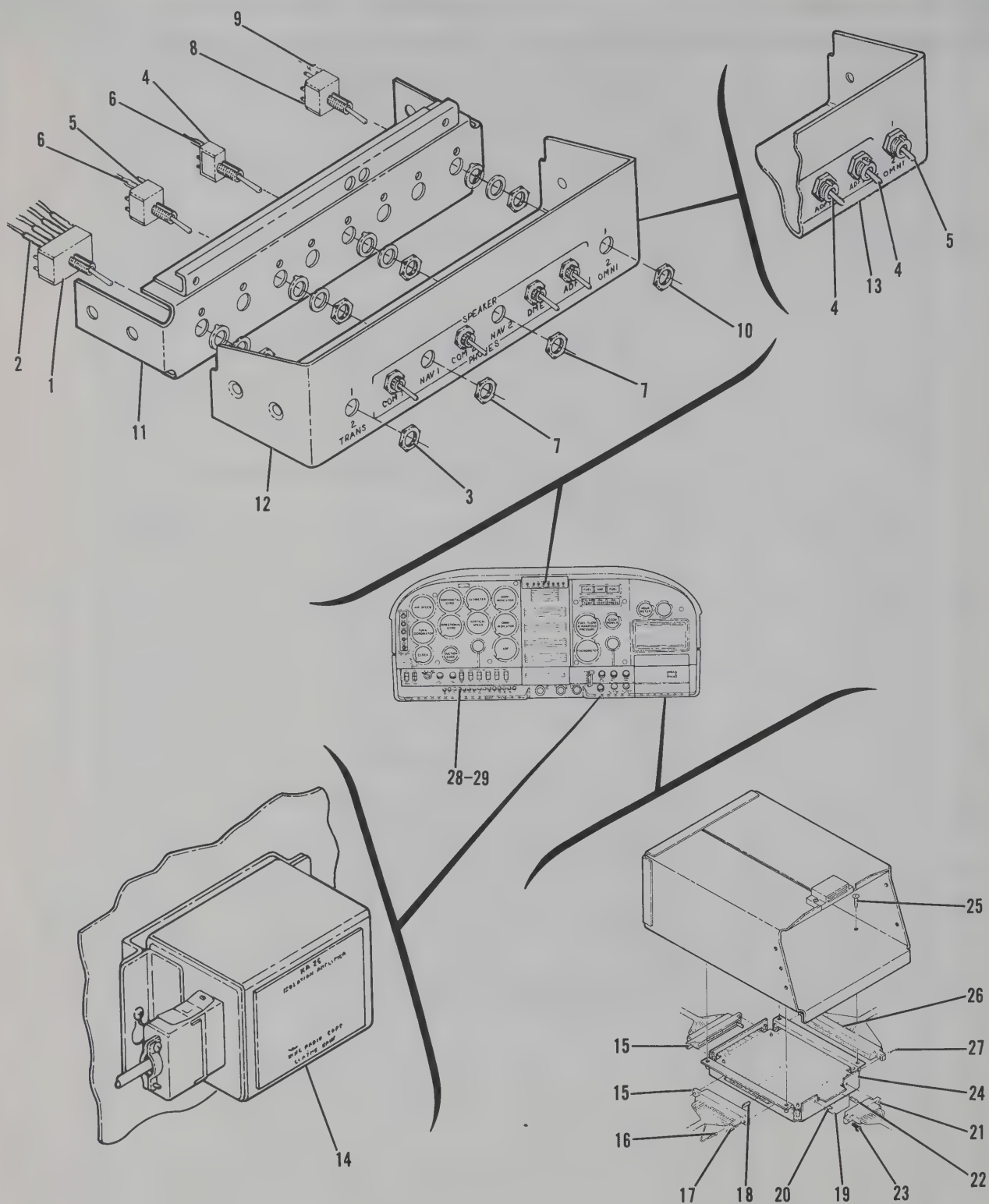
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-3 -42	1270675-2017	CABLE ASSY-OMNI SELECTOR SWITCH AP 1 & AP 2 -----		
	S2131-2	SWITCH ASSY -----	1	
	1270716-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-13	LEGEND AP 1 -----	1	
	S2133-14	LEGEND AP 2 -----	1	
		ATTACHING PARTS		
-43	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-44	1270675-2012	CABLE ASSY-DUAL 300 NAV/COM REC 1 & REC 2 -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-21	LEGEND REC 1 -----	1	
	S2133-22	LEGEND REC 2 -----	1	
		ATTACHING PARTS		
-45	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-46	1270675-2014	CABLE ASSY-AUDIO SELECTOR SWITCH HF -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT -----	1	
	S2133-25	FILTER -----	1	
	S2133-2	LENS -----	1	
	S2133-19	LEGEND HF -----	1	
		ATTACHING PARTS		
-47	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-48	1270675-2015	CABLE ASSY-AUDIO SELECTOR SWITCH ADF -----	1	
-49	S2131-1	SWITCH ASSY -----	1	
-50	1270715-1	BOARD-P.C. -----	1	
-51	S2134-1	LIGHT 12-VOLT -----	1	
-52	S2133-25	FILTER -----	1	
-53	S2133-2	LENS -----	1	
-54	S2133-15	LEGEND ADF -----	1	
		ATTACHING PARTS		
-55	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		
-56	1270675-2016	CABLE ASSY-AUDIO SELECTOR SWITCH DME -----	1	
-57	S2131-1	SWITCH ASSY -----	1	
-58	1270715-1	BOARD-P.C. -----	1	
-59	S2134	LIGHT 12 VOLT -----	1	
-60	S2133-25	FILTER -----	1	
-61	S2133-2	LENS -----	1	
-62	S2133-20	LEGEND DME -----	1	
		ATTACHING PARTS		
-63	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
4-3	-64	1270713-1	REGULATOR ASSY -----						1	
	-65	S1637-1	HOUSING -----						7	
		S1635-1	PIN -----						7	
			ATTACHING PARTS							
	-66	AN515-4R6	SCREW -----						2	
			-----*							
	-67	1270708-260	CABLE ASSY -----						1	
	-68	S1637-2	HOUSING -----						3	
	-69	3859A-281-103A	POTENIOMETER -----						1	
			ATTACHING PARTS							
	-70	0713895-1	COVER -----						1	
	-71	NAS549H616	WASHER -----						1	
	-72	S2093-1	KNOB -----						1	
			-----*							
			NOTE. THE FOLLOWING LEGENDS MAY BE ORDERED IF DESIRED FOR OTHER RADIO COMBINATIONS NOT OFFERED IN THIS PARTS LIST							
		S2133-8	LEGEND TR 3 THIRD TRANSMITTER -----						1	
		S2133-16	LEGEND ADF1 FIRST ADF -----						1	
		S2133-17	LEGEND ADF2 SECOND ADF -----						1	
-73		KA-25	KING ISOLATION AMPLIFIER NOT REQD ON RADIOS WITH -----						1	
			BUILT IN AMPLIFIER KG							
			ATTACHING PARTS							
		AN515-6R8	SCREW -----						4	
		NAS679A06	NUT -----						4	
			-----*							
	-74	S1838-2	HOUSING 36 PIN -----						2	
			ATTACHING PARTS							
	-75	S1837-1	TERMINAL -----						AR	
	-76	AN515-4R6	SCREW -----						4	
			-----*							
	-77	S1836-1	KEYING PLUG USED ON ITEM 74 & 80 ONLY ONE EACH -----						3	
			REQD PER HOUSING							
	-78	S1813-2	RELAY -----						1	
			ATTACHING PARTS							
	-79	9KH3	SPRING PBR -----						1	
			-----*							
	-80	S1838-2	HOUSING -----						1	
			ATTACHING PARTS							
	-81	S1837-1	TERMINAL -----						1	
	-82	AN515-4R6	SCREW -----						2	
			-----*							
	-83	0570084-1	JUNCTION BOX & CIRCUIT BOARD ASSY -----						1	
			ATTACHING PARTS							
	-84	AN515-8R6	SCREW -----						4	
			-----*							
	-85	S1838-1	HOUSING 60 PIN -----						1	
			ATTACHING PARTS							
	-86	AN515-6R8	SCREW -----						2	
			-----*							
	-87	S1360-5L	CIRCUIT BREAKER 12 VOLT -----						1	
		S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----						1	

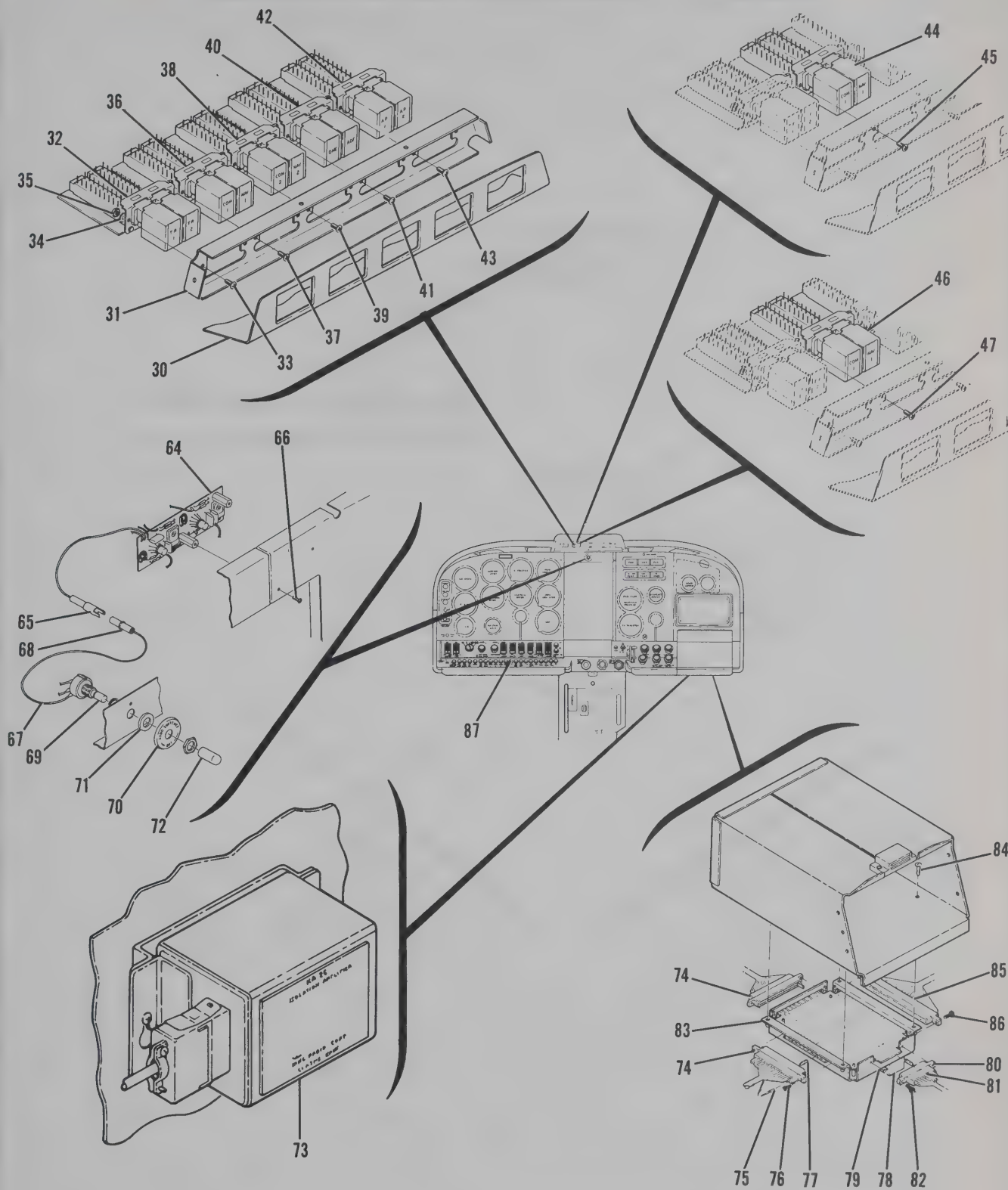
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION A - ALL 210 SERIES THRU 1971 ONLY

Figure 4-4. Model 210 Audio Isolation Amplifier & Selector Switch Installation (Sheet 1 of 3)

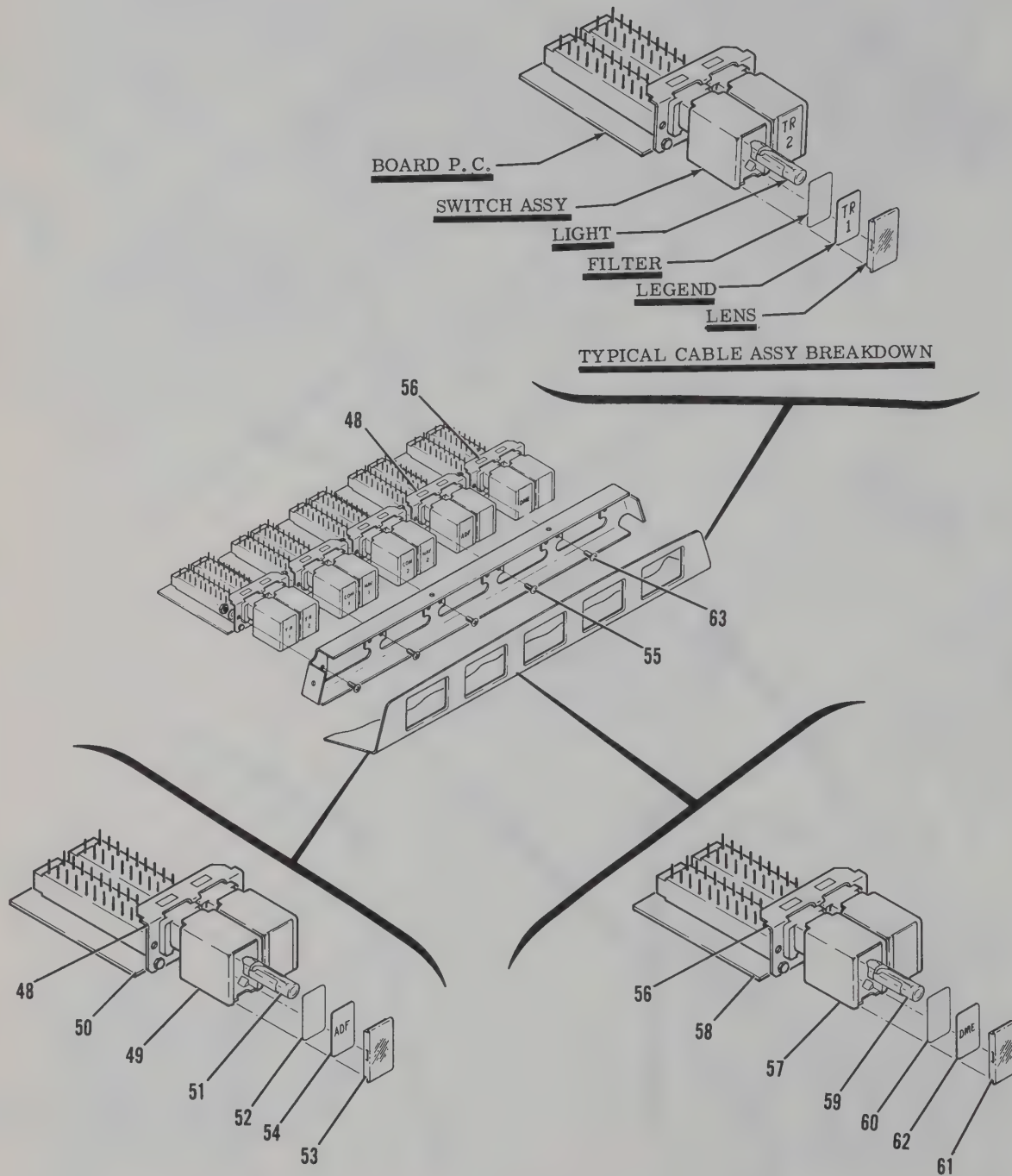
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION **B** - ALL 210 SERIES 1972 & ON ONLY (Sheet 1 of 2)

Figure 4-4. Model 210 Audio Isolation Amplifier & Selector Switch Installation (Sheet 2 of 3)

AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION **B** - ALL 210 SERIES 1972 & ON ONLY (Sheet 2 of 2)

Figure 4-4. Model 210 Audio Isolation Amplifier & Selector Switch Installation (Sheet 3 of 3)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-4 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION ----- ALL 210 SERIES MODELS ONLY	NP	
		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION A -- ALL 210 SERIES MODELS THRU 1971 ONLY	NP	
- 1	S1697-1	CABLE ASSY-TRANSMITTER SELECTOR SWITCH -----	NP	
- 2	S1694-3-0.5	SWITCH-TRANSMITTER SELECTOR -----	1	
		SHRINK TUBING BULK ITEM -----	AR	
- 3	S1216-3	ATTACHING PARTS -----	1	
		NUT-DECORATIVE -----	1	
		-----*		
- 4	S1696-1	CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH -----	NP	
		SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH --		
- 5	S1694-3-0.5	RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER		
		SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH --	AR	
- 6	S1694-3-0.5	RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER		
		SHRINK TUBING BULK ITEM -----	AR	
- 7	S1216-3	ATTACHING PARTS -----	AR	
		NUT-DECORATIVE -----	AR	
		-----*		
- 8	S1696-1	CABLE ASSY-OMNI SELECTOR SWITCH -----	NP	
- 9	S1694-3-0.5	SWITCH DOUBLE POLE-DOUBLE THROW -----		
		SHRINK TUBING BULK ITEM -----	1	
		ATTACHING PARTS -----		
-10	1216-3	NUT-DECORATIVE -----		
		-----*		
-11	1213064-1	BRACKET ASSY-SWITCH MOUNTING -----	1	
-12	1213005-2	COVER -----	1	
		ATTACHING PARTS -----		
	AN507-632R7	SCREW -----	4	
		-----*		
-13	1213005-4	COVER REPLACES ITEM 12 WHEN DUAL ADF IS INSTALLED -----	1	
-14	KA-25	KING ISOLATION AMPLIFIER NOT REQD ON RADIOS WITH -----		
		BUILT IN AMPLIFIER KG		
		ATTACHING PARTS -----		
	AN515-6R8	SCREW -----	4	
	NAS679A06	NUT -----	4	
		-----*		
-15	S1838-2	HOUSING 36 PIN -----	2	
		ATTACHING PARTS -----		
-16	S1837-1	TERMINAL -----	AR	
-17	AN515-4R6	SCREW -----	4	
		-----*		
-18	S1836-1	KEYING PLUG USED ON ITEM 16 & 22 ONLY ONE EACH -----	3	
		REQD PER HOUSING		
-19	S1813-2	RELAY -----	1	
		ATTACHING PARTS -----		
-20	9KH3	SPRING PBR -----	1	
		-----*		
-21	S1838-2	HOUSING 20 PIN -----	1	
		ATTACHING PARTS -----		
-22	S1837-1	TERMINAL -----	1	
-23	AN515-4R6	SCREW -----	2	
		-----*		
-24	0570084-1	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
		ATTACHING PARTS -----		
-25	AN515-8R6	SCREW -----	4	
		-----*		
-26	S1838-1	HOUSING 60 PIN -----	1	
		ATTACHING PARTS -----		
-27	AN515-6R8	SCREW -----	2	
		-----*		
-28	S1360-5L	CIRCUIT BREAKER 12 VOLT -----	1	
-29	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-4 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION B --	NP	
		1972 & ON 210 SERIES MODELS ONLY		
-30	1213329	COVER STD EQUIPMENT ON ACFT -----	REF	
-31	1213328	BRACKET STD EQUIPMENT ON AFCT -----	REF	
-32	1270675-2018	CABLE ASSY-TRANSMITTER SELECTOR SWITCH TR 1 & TR 2 -----	1	
	S2131-2	SWITCH ASSY -----	1	
	1270714-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12 VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-6	LEGEND TR1 -----	1	
	S2133-7	LEGEND TR2 -----	1	
		ATTACHING PARTS		
-33	AN515-4R8	SCREW -----	2	
-34	AN936B4	WASHER -----	2	
-35	AN340B4	NUT -----	2	
		---*---		
-36	0770750-2025	CABLE ASSY-AUDIO SELETOR SWITCH COM 1 & NAV 1 -----	1	
		FIRST 400 NAV/COM FOR SPARES ONLY SAME AS		
		1270708-2011 CABLE ASSY ONLY 24 VOLT LIGHT BULBS ARE		
		NOT CALLED OUT IN 1270708-2011 CABLE ASSY		
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT NOT USED ON 210 ACFT -----	2	
	S2134-2	LIGHT 24-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-9	LEGEND COM 1 -----	1	
	S2133-11	LEGEND NAV 1 -----	1	
		ATTACHING PARTS		
-37	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-38	0770750-2026	CABLE ASSY-AUDIO SELECTOR SWITCH COM 2 & NAV 2 -----	1	
		SECOND 400 NAV/COM FOR SPARES ONLY SAME AS		
		1270708-2013 CABLE ASSY ONLY 24 VOLT LIGHT BULBS		
		ARE NOT CALLED OUT IN 1270708-2013 CABLE ASSY		
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT NOT USED ON 210 ACFT -----	2	
	S2134-2	LIGHT 24-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-10	LEGEND COM 2 -----	1	
	S2133-12	LEGEND NAV 2 -----	1	
		ATTACHING PARTS		
-39	AN515-4R8	SCREW -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-40	1270708-2027	CABLE ASSY AUDIO SELECTOR SWITCH ADF-DME -----	1	
	S2131-1	SWITCH -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-1	LIGHT 12-VOLT NOT USED ON 210 AFCT -----	2	
	S2134-2	LIGHT 24-VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-15	LEGEND ADF -----	1	
	S2133-20	LEGEND DME -----	1	
		ATTACHING PARTS		
-41	AN515-4R8	SCREW -----		
	AN936B4	WASHER -----		
	AN340B4	NUT -----		
		---*---		

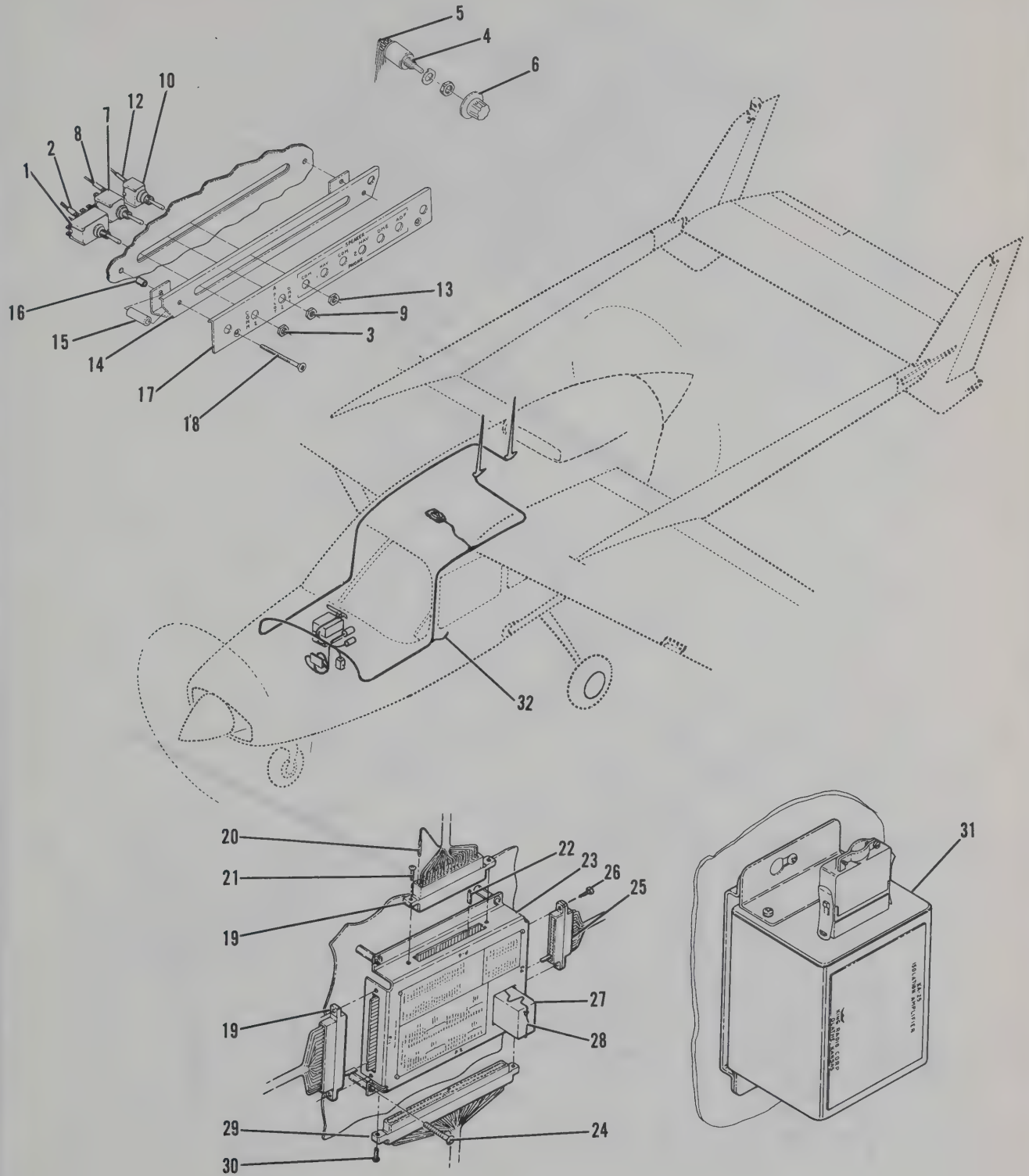
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-4 -42	1270708-2017 S2131-2 1270716-1 S2134-1 S2133-25 S2133-2 S2133-13 S2133-14	CABLE ASSY-OMNI SELECTOR SWITCH AP 1 & AP 2 ----- SWITCH ASSY ----- BOARD-P.C. ----- LIGHT 12-VOLT ----- FILTER ----- LENS ----- LEGEND AP 1 ----- LEGEND AP 2 ----- ATTACHING PARTS -----	1 1 2 2 2 1 1	
-43	AN515-4R8 AN936B4 AN340B4	SCREW ----- WASHER ----- NUT ----- -----*	2 2 2	
-44	1270708-2012 S2131-1 1270715-1 S2134-1 S2133-25 S2133-2 S2133-21 S2133-22	CABLE ASSY-DUAL 300 NAV/COM REC 1 & REC 2 ----- SWITCH ASSY ----- BOARD-P.C. ----- LIGHT 12-VOLT ----- FILTER ----- LENS ----- LEGEND REC 1 ----- LEGEND REC 2 ----- ATTACHING PARTS -----	1 1 1 2 2 2 1 1	
-45	AN515-4R8 AN936B4 AN340B4	SCREW ----- WASHER ----- NUT ----- -----*	2 2 2	
-46	1270708-2014 S2131-1 1270715-1 S2134-1 S2133-25 S2133-2 S2133-19	CABLE ASSY-AUDIO SELECTOR SWITCH HF ----- SWITCH ASSY ----- BOARD-P.C. ----- LIGHT 12-VOLT ----- FILTER ----- LENS ----- LEGEND HF ----- ATTACHING PARTS -----	1 1 1 1 1 1 1	
-47	AN515-4R8 AN936B4 AN340B4	SCREW ----- WASHER ----- NUT ----- -----*	2 2 2	
-48	1270708-2015	CABLE ASSY-AUDIO SELECTOR SWITCH ADF -----	1	
-49	S2131-1	SWITCH ASSY -----	1	
-50	1270715-1	BOARD-P.C. -----	1	
-51	S2134-1	LIGHT 12-VOLT -----	1	
-52	S2133-25	FILTER -----	1	
-53	S2133-2	LENS -----	1	
-54	S2133-15	LEGEND ADF ----- ATTACHING PARTS -----	1	
-55	AN515-4R8 AN936B4 AN340B4	SCREW ----- WASHER ----- NUT ----- -----*	2 2 2	
-56	1270708-2016	CABLE ASSY-AUDIO SELECTOR SWITCH DME -----	1	
-57	S2131-1	SWITCH ASSY -----	1	
-58	1270715-1	BOARD-P.C. -----	1	
-59	S2134	LIGHT 12 VOLT -----	1	
-60	S2133-25	FILTER -----	1	
-61	S2133-2	LENS -----	1	
-62	S2133-20	LEGEND DME ----- ATTACHING PARTS -----	1	
-63	AN515-4R8 AN936B4 AN340B4	SCREW ----- WASHER ----- NUT ----- -----*	2 2 2	

CONTINUED ON NEXT PAGE

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-4 -64	1270713-1	REGULATOR ASSY -----	1	
-65	S1637-1	HOUSING -----	7	
	S1635-1	PIN -----	7	
		ATTACHING PARTS		
-66	AN515-4R6	SCREW -----	2	
		---*---		
-67	1270708-260	CABLE ASSY -----	1	
-68	S1637-2	HOUSING -----	3	
-69	3859A-281-103A	POTENIOMETER -----	1	
		ATTACHING PARTS		
-70	0713895-1	COVER -----	1	
-71	NAS549H616	WASHER -----	1	
-72	S2093-1	KNOB -----	1	
		---*---		
		NOTE. THE FOLLOWING LEGENDS MAY BE ORDERED IF DESIRED FOR OTHER RADIO COMBINATIONS NOT OFFERED IN THIS PARTS LIST		
	S2133-8	LEGEND TR3 THIRD TRANSMITTER -----	1	
	S2133-16	LEGEND ADF1 FIRST ADF -----	1	
	S2133-17	LEGEND ADF2 SECOND ADF -----	1	
-73	KA-25	KING ISOLATION AMPLIFIER NOT REQD ON RADIOS WITH ----- BUILT IN AMPLIFIER KG	1	
		ATTACHING PARTS		
	AN515-6R8	SCREW -----	4	
	NAS679A06	NUT -----	4	
		---*---		
-74	S1838-2	HOUSING 36 PIN -----	2	
		ATTACHING PARTS		
-75	S1837-1	TERMINAL -----	AR	
-76	AN515-4R6	SCREW -----	4	
		---*---		
-77	S1836-1	KEYING PLUG USED ON ITEM 74 & 80 ONLY ONE EACH ----	3	
		REQD PER HOUSING		
-78	S1813-2	RELAY -----	1	
		ATTACHING PARTS		
-79	9KH3	SPRING PBR -----	1	
		---*---		
-80	S1838-2	HOUSING -----	1	
		ATTACHING PARTS		
-81	S1837-1	TERMINAL -----	1	
-82	AN515-4R6	SCREW -----	2	
		---*---		
-83	0570084-1	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
		ATTACHING PARTS		
-84	AN515-8R6	SCREW -----	4	
		---*---		
-85	S1838-1	HOUSING 60 PIN -----	1	
		ATTACHING PARTS		
-86	AN515-6R8	SCREW -----	2	
		---*---		
-87	S1360-5L	CIRCUIT BREAKER 12 VOLT -----	1	
	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	

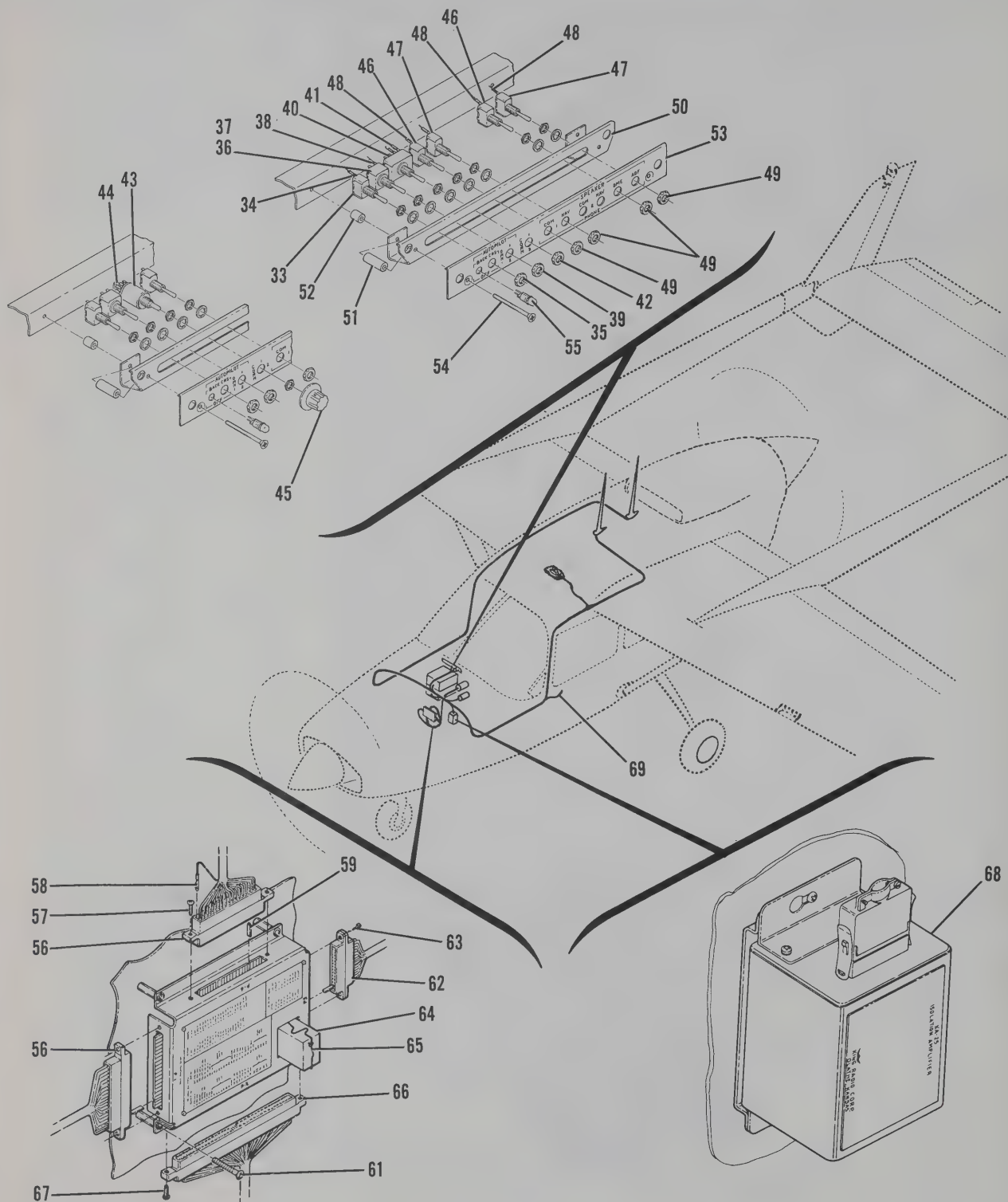
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION **A** - ALL 337 SERIES THRU 1970 ONLY

Figure 4-5. Model 337 Audio Isolation Amplifier & Selector Switch Installation (Sheet 1 of 5)

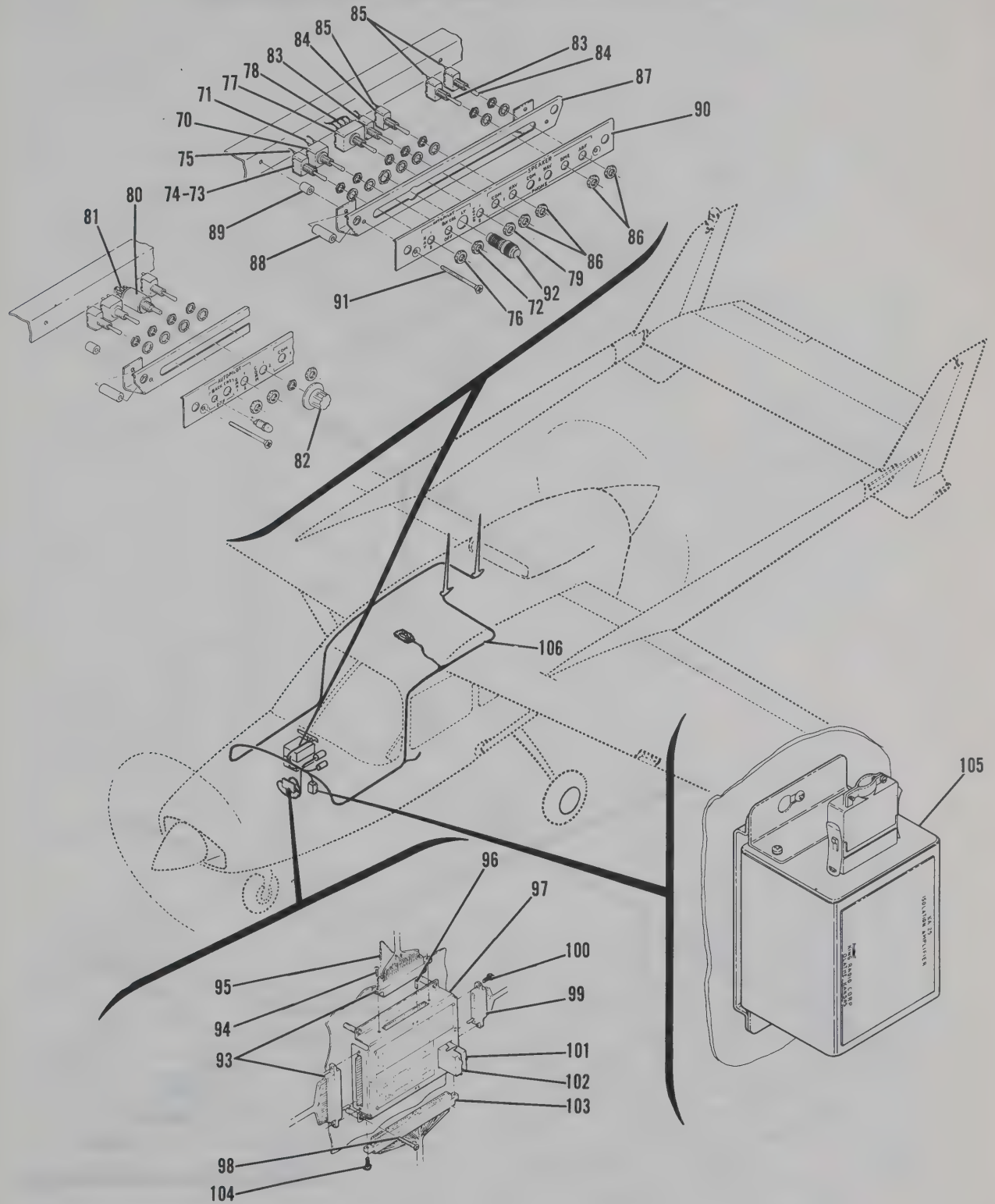
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION **B** - ALL 337 SERIES EARLY 1971 ONLY

Figure 4-5. Model 337 Audio Isolation Amplifier & Selector Switch Installation (Sheet 2 of 5)

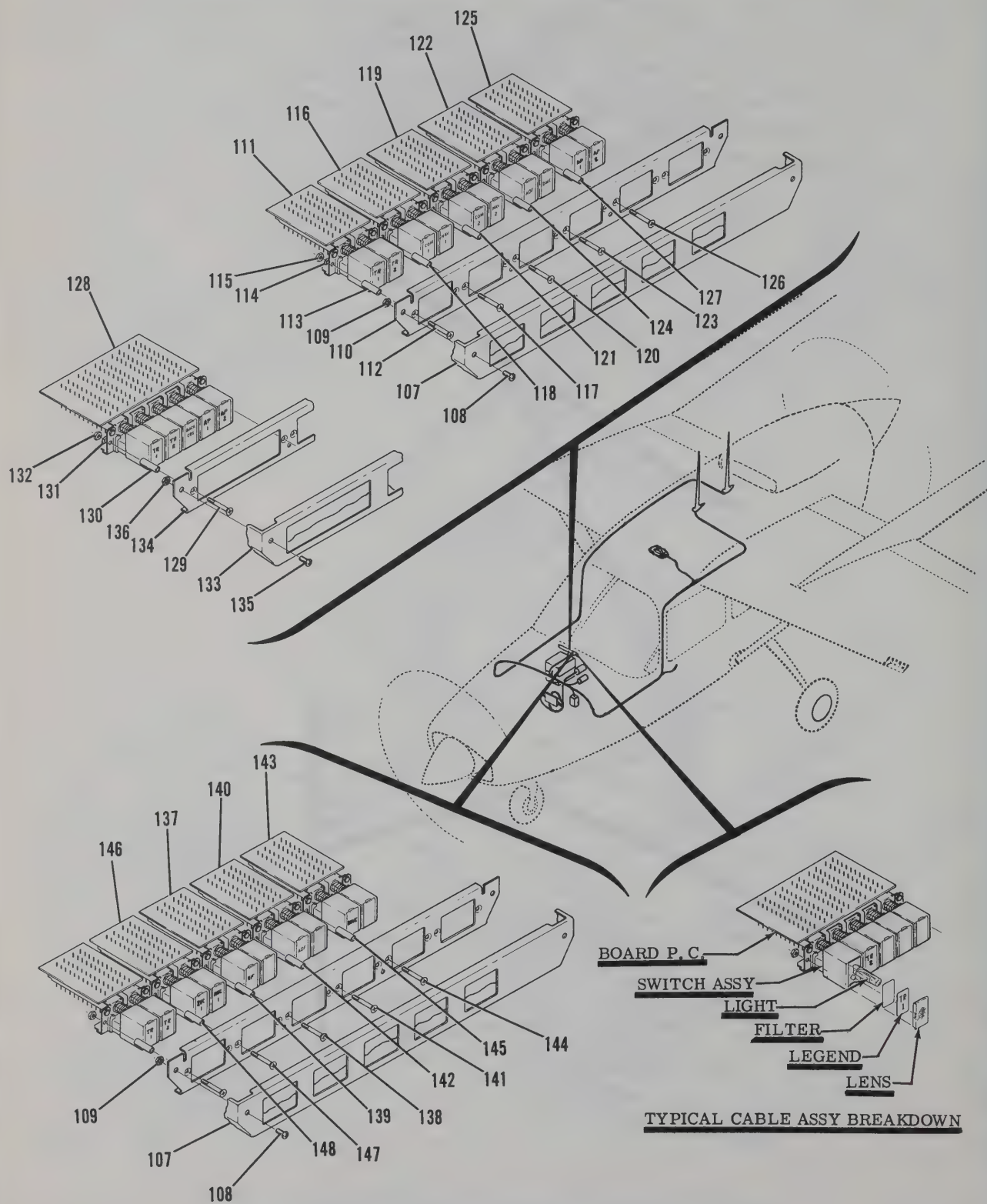
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION C- ALL 337 SERIES EARLY 1971 THRU 1971 ONLY

Figure 4-5. Model 337 Audio Isolation Amplifier & Selector Switch Installation (Sheet 3 of 5)

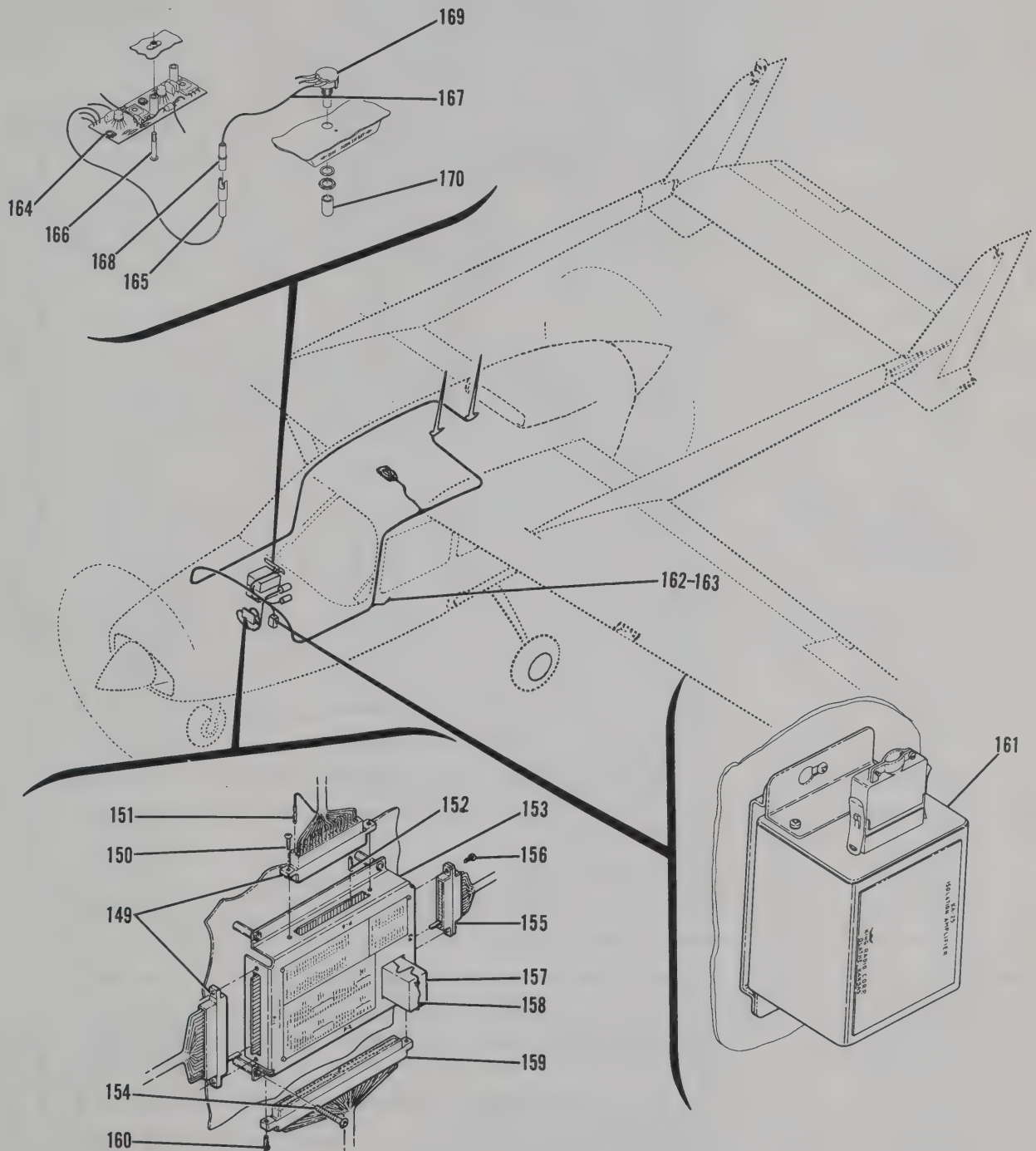
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION D - ALL 337 SERIES 1972 & ON ONLY (Sheet 1 of 2)

Figure 4-5. Model 337 Audio Isolation Amplifier & Selector Switch Installation (Sheet 4 of 5)

AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



INSTALLATION D - ALL 337 SERIES 1972 & ON ONLY (Sheet 2 of 2)

Figure 4-5. Model 337 Audio Isolation Amplifier & Selector Switch Installation (Sheet 5 of 5)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-5 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATIONS ----- ALL 337 SERIES MODELS ONLY	NP	
		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION A -- 337 SERIES THRU 1970 MODELS ONLY	NP	
		CABLE ASSY-TRANSMITTER SELECTOR SWITCH USED ONLY WHEN - DUAL TRANSMITTERS ARE INSTALLED	NP	
- 1	S1697-1	SWITCH-TRANSMITTER SELECTOR -----	1	
- 2	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
		ATTACHING PARTS		
- 3	S1216-3	NUT-DECORATIVE -----	1	
		-----*-----		
		CABLE ASSY-TRANSMITTER SELECTOR SWITCH USED ONLY -----	NP	
		WHEN THREE TRANSMITTERS ARE INSTALLED		
- 4	MRA-2-5	SWITCH-TRANSMITTER SELECTOR REPLACES ITEM 1 WHEN ----	1	
		THREE TRANSMITTERS ARE INSTALLED AELM		
- 5	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
- 6	1910-E	KNOB USED ONLY WHEN ITEM 4 IS INSTALLED DHM -----	1	
		CABLE ASSY-OMNI SELECTOR SWITCH -----	NP	
- 7	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW -----	1	
- 8	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
		ATTACHING PARTS		
- 9	S1216-3	NUT-DECORATIVE -----	1	
		-----*-----		
		CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH -----	NP	
-10	S1695-2	SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH --	AR	
		RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER		
-11	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH --	AR	
		RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER		
-12	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
		ATTACHING PARTS		
-13	S1216-3	NUT-DECORATIVE -----	1	
		-----*-----		
		BRACKET ASSY -----	1	
-14	1470201-4	BRACKET -----	1	
-15	NAS430D1-60	SPACER -----	2	
-16	NAS430D1-20	SPACER -----	2	
-17	1513143-1	PLATE ASSY -----	1	
		ATTACHING PARTS		
-18	AN507-632R28	SCREW -----	2	
		-----*-----		
-19	S1838-2	HOUSING 36 PIN -----	2	
		ATTACHING PARTS		
-20	S1837-1	TERMINAL -----	AR	
-21	AN515-4R6	SCREW -----	4	
		-----*-----		
-22	S1836-1	KEYING PLUG USED ONLY ON ITEM 70 & 76 ONLY ONE EACH -	3	
		REQD PER HOUSING		
-23	0570084-2	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
		ATTACHING PARTS		
-24	AN515-6R22	SCREW -----	4	
		-----*-----		
-25	S1838-3	HOUSING 20 PIN -----	1	
		ATTACHING PARTS		
	S1837-1	TERMINAL -----	AR	
-26	AN515-4R8	SCREW -----	2	
		-----*-----		
-27	S1813-1	RELAY -----	1	
		ATTACHING PARTS		
-28	9KH3	SPRING PBR -----	1	
		-----*-----		
-29	S1838-1	HOUSING 60 PIN -----	1	
		ATTACHING PARTS		
	S1837-1	TERMINAL -----	AR	
-30	AN515-6R8	SCREW -----	2	
		-----*-----		
-31	KA-25	KING ISOLATION AMPLIFIER NOT REQUIRED WHEN RADIOS -----	1	
		HAVE BUILT-IN AMPLIFIER		
-32	S1360-5L	CIRCUIT BREAKER -----	1	
	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-5 -		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION B -- EARLY 1971 337 SERIES ONLY	NP	
		CABLE ASSY-BACK COURSE SWITCH USED ON NAV-O-MATIC 400A- ONLY	NP	
-33	S1695-2	SWITCH -----	1	
-34	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
		ATTACHING PARTS -----		
-35	S1612-3	NUT-DECORATIVE -----	1	
		-----*		
		CABLE ASSY-AUTOPILOT OMNI SELECTOR SWITCH -----	NP	
-36	S2078-1	SWITCH USED ONLY WITH NAV-O-MATIC 400A WHEN ILS ----- CAPABILITY OR SLAVED & ILS CAPABILITIES ARE INSTALLED	1	
-37	S1696-1	SWITCH USED ONLY WITH NAV-O-MATIC 300 OR 400 -----	1	
-38	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
		ATTACHING PARTS -----		
-39	S1216-3	NUT-DECORATIVE -----	1	
		-----*		
		CABLE ASSY-TRANSMITTER SELECTOR SWITCH -----	NP	
-40	S1697-1	SWITCH-TRANSMITTER SELECTOR USED ONLY WHEN DUAL ----- TRANSMITTERS ARE INSTALLED	1	
-41	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
		ATTACHING PARTS -----		
-42	S1216-3	NUT-DECORATIVE -----	1	
		-----*		
		CABLE ASSY-TRANSMITTER SELECTOR USED ONLY WHEN -----	NP	
		THREE TRANSMITTERS ARE INSTALLED		
-43	MRA-2-5	SWITCH-TRANSMITTER SELECTOR REPLACES ITEM 40 WHEN ----- THREE TRANSMITTERS ARE INSTALLED AELM	1	
-44	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
-45	1910-E	KNOB USED ONLY WHEN ITEM 43 IS INSTALLED DHM -----	1	
		CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH -----	NP	
-46	S1695-2	SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER	AR	
-47	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS NOT HAVING BUILT IN ISOLATION AMPLIFIER	AR	
-48	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
-49	S1216-3	NUT-DECORATIVE -----	1	
		-----*		
	1470201-25	BRACKET ASSY -----	1	
-50	1470201-24	BRACKET -----	1	
-51	NAS43DD1-60	SPACER -----	2	
-52	NAS43DD1-20	SPACER -----	2	
-53	1513785-1	PLATE ASSY -----	1	
		ATTACHING PARTS -----		
-54	AN507-632R28	SCREW -----	2	
		-----*		
-55	AB-62	LIGHT ASSY USED ONLY WHEN NAV-O-MATIC 400A IS ----- INSTALLED CLGD	1	
-56	S1838-2	HOUSING 36 PIN -----	2	
		ATTACHING PARTS -----		
-57	AN515-4R6	SCREW -----	4	
-58	S1837-1	TERMINAL -----	AR	
		-----*		
-59	S1836-1	KEYING PLUG USED ONLY ON ITEM 56 & 62 ONLY ONE ----- EACH REQD PER HOUSING	3	
-60	0570084-2	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
		ATTACHING PARTS -----		
-61	AN515-6R22	SCREW -----	4	
		-----*		
-62	S1838-3	HOUSING 20 PIN -----	1	
		ATTACHING PARTS -----		
	S1837-1	TERMINAL -----	AR	
-63	AN515-4R8	SCREW -----	2	
		-----*		
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-5 -64	S1813-1	RELAY ----- ATTACHING PARTS -----	1	
-65	9KH3	SPRING PBR ----- -----*	1	
-66	S1838-1	HOUSING 60 PIN ----- ATTACHING PARTS -----	1	
	S1837-1	TERMINAL -----	AR	
-67	AN515-6R8	SCREW ----- -----*	2	
-68	KA-25	KING ISOLATION AMPLIFIER NOT REQD WHEN RADIOS ----- HAVE BUILT-IN AMPLIFIER -----	1	
-69	S1360-5L S2122-1	CIRCUIT BREAKER ----- NUT-DECORATIVE CIRCUIT BREAKER -----	1 1	
		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION C -- EARLY 1971 THRU 1971 337 SERIES ONLY	NP	B
		CABLE ASSY-BACK COURSE SWITCH USED ON NAV-O-MATIC 400A- ONLY	NP	
-70	S1695-2	SWITCH -----	1	
-71	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS -----	AR	
-72	S1612-3	NUT-DECORATIVE CIRCUIT BREAKER ----- -----*	1	
-73	S2078-1	CABLE ASSY-AUTOPILOT OMNI SELECTOR SWITCH ----- SWITCH USED ONLY WITH NAV-O-MATIC 400A WHEN ILS ----- CAPABILITY OR SLAVED & ILS CAPABILITIES ARE INSTALLED	NP 1	
-74	S1696-1	SWITCH USED ONLY WITH NAV-O-MATIC 300 OR 400 -----	1	
-75	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS -----	AR	
-76	S1216-3	NUT-DECORATIVE ----- -----*	1	
-77	S1697-1	CABLE ASSY-TRANSMITTER SELECTOR SWITCH ----- SWITCH-TRANSMITTER SELECTOR USED ONLY WHEN DUAL ----- TRANSMITTERS ARE INSTALLED	NP 1	
-78	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS -----	AR	
-79	S1216-3	NUT-DECORATIVE ----- -----*	1	
		CABLE ASSY-TRANSMITTER SELECTOR USED ONLY WHEN ----- THREE TRANSMITTERS ARE INSTALLED	NP	
-80	MRA-2-5	SWITCH-TRANSMITTER SELECTOR REPLACES ITEM 128 WHEN -- THREE TRANSMITTERS ARE INSTALLED AELM	1	
-81	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
-82	1910-E	KNOB USED ONLY WHEN ITEM 131 IS INSTALLED DHM -----	1	
-83	S1695-2	CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH ----- SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER	AR	
-84	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER	AR	
-85	S1694-3-0.5	SHRINK TUBING BULK ITEM ----- ATTACHING PARTS -----	AR	
-86	S1216-3	NUT-DECORATIVE ----- -----*	1	
	1470201-25	BRACKET ASSY -----	1	
-87	1470201-24	BRACKET -----	1	
-88	NAS43DD1-60	SPACER -----	2	
-89	NAS43DD1-20	SPACER -----	2	
-90	1513785-5	PLATE ASSY ----- ATTACHING PARTS -----	1	
-91	AN507-632R28	SCREW ----- -----*	2	
-92	855216A	LIGHT ASSY USED ONLY WHEN NAV-O-MATIC 400A IS ----- INSTALLED 08717	1	
-93	S1838-2	HOUSING 36 PIN ----- ATTACHING PARTS -----	2	
-94	AN515-4R6	SCREW -----	4	
-95	S1837-1	TERMINAL ----- -----*	AR	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-5 -96	S1836-1	KEYING PLUG USED ONLY ON ITEM 144 & 150 ONLY ONE --	3	
-97	0570084-2	EACH REQD PER HOUSING		
-98	AN515-6R22	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
-99	S1838-3	ATTACHING PARTS		
-100	S1837-1	SCREW -----	4	
-101	S1813-1	HOUSING 20 PIN -----	1	
-102	9KH3	ATTACHING PARTS		
-103	S1838-1	TERMINAL -----	AR	
-104	AN515-6R8	SCREW -----	2	
-105	KA-25	RELAY -----	1	
-106	S1360-5L	ATTACHING PARTS		
	S2122-1	SPRING PBR -----	1	
		HOUSING 60 PIN -----	1	
		ATTACHING PARTS		
		TERMINAL -----	AR	
		SCREW -----	2	
		KING ISOLATION AMPLIFIER NOT REQD WHEN RADIOS -----	1	
		HAVE BUILT-IN AMPLIFIER		
		CIRCUIT BREAKER -----	1	
		NUT-DECORATIVE CIRCUIT BREAKER -----	1	
		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION D --	NP	
		1972 & ON 337 SERIES MODELS ONLY		
-107	1570258-3	COVER -----	1	
-108	AN515-6R5	ATTACHING PARTS		
-109	AN340-3	SCREW -----	2	
-110	1570258-2	NUT -----	2	
-111	1570001-2056	SUPPORT -----	1	
	S2131-2	CABLE ASSY-TRANSMITTER SELECTOR SWITCH TR1 & TR2 -----	1	
	1270713-1	SWITCH ASSY -----	1	
	S2134-2	BOARD-P.C. -----	1	
	S2133-25	LIGHT-24 VOLT -----	2	
	S2133-2	FILTER -----	2	
	S2133-6	LENS -----	2	
	S2133-7	LEGEND TR 1 -----	1	
		LEGEND TR 2 -----	1	
		ATTACHING PARTS		
-112	AN507-440R12	SCREW -----	2	
-113	NAS43DD0-25	SPACER -----	2	
-114	AN936B4	WASHER -----	2	
-115	AN340B4	NUT -----	2	
-116	1570001-2051	CABLE ASSY-400 AUDIO SELECTOR SWITCH COM 1 & NAV 1 -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-2	LIGHT-24 VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-9	LEGEND COM 1 -----	1	
	S2133-11	LEGEND NAV 1 -----	1	
		ATTACHING PARTS		
-117	AN507-440R12	SCREW -----	2	
-118	NAS43DD0-25	SPACER -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		-----*		

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-5 -119	1570001-2053	CABLE ASSY-400 AUDIO SELECTOR SWITCH COM 2 & NAV 2 ----	1	
	S2131-1	SWITCH ASSY ----	1	
	1270715-1	BOARD-P.C. ----	1	
	S2134-2	LIGHT-24 VOLT ----	2	
	S2133-25	FILTER ----	2	
	S2133-2	LENS ----	2	
	S2133-10	LEGEND COM 2 ----	1	
	S2133-12	LEGEND NAV 2 ----	1	
		ATTACHING PARTS		

-120	AN507-440R12	SCREW ----	2	
-121	NAS43000-25	SPACER ----	2	
	AN936B4	WASHER ----	2	
	AN340B4	NUT ----	2	

-122	1570001-2063	CABLE ASSY-AUDIO SELECTOR SWITCH ADF & DME ----	1	
	S2131-1	SWITCH ASSY ----	1	
	1270715-1	BOARD-P.C. ----	1	
	S2134-2	LIGHT-24 VOLT ----	2	
	S2133-25	FILTER ----	2	
	S2133-2	LENS ----	2	
	S2133-15	LEGEND ADF ----	1	
	S2133-20	LEGEND DME ----	1	
		ATTACHING PARTS		

-123	AN507-440R12	SCREW ----	2	
-124	NAS43000-25	SPACER ----	2	
	AN936B4	WASHER ----	2	
	AN340B4	NUT ----	2	

-125	1570001-2055	CABLE ASSY OMNI SELECTOR SWITCH AP 1 & AP 2 ----	1	
	S2131-2	SWITCH ASSY ----	1	
	1270713-1	BOARD-P.C. ----	1	
	S2134-2	LIGHT-24 VOLT ----	2	
	S2133-25	FILTER ----	2	
	S2133-2	LENS ----	2	
	S2133-13	LEGEND AP 1 ----	1	
	S2133-14	LEGEND AP 2 ----	1	
		ATTACHING PARTS		

-126	AN507-440R12	SCREW ----	2	
-127	NAS43000-25	SPACER ----	2	
	AN936B4	WASHER ----	2	
	AN340B4	NUT ----	2	

-128	1570227-21	CABLE ASSY 400A AUTOPILOT SELECTOR SWITCH ----	1	
	1571008-1	BOARD-P.C. ----	1	
	S2132-2	SWITCH ASSY ----	1	
	S1813-1	RELAY ----	1	
	1470085-2	BRACKET ----	1	
	S1838-1	HOUSING ----	1	
	S2133-6	LEGEND TR 1 ----	1	
	S2133-7	LEGEND TR 2 ----	1	
	S2133-18	LEGEND BK CRS ----	1	
	S2133-13	LEGEND AP 1 ----	1	
	S2133-14	LEGEND AP 2 ----	1	
	S2133-25	FILTER ----	5	
	S2133-2	LENS ----	5	
	S2134-2	LIGHT 24 VOLT ----	5	
		ATTACHING PARTS		

-129	AN507-440R12	SCREW ----	2	
-130	NAS43000-25	SPACER ----	2	
-131	AN936B4	WASHER ----	2	
-132	AN340B4	NUT ----	2	

-133	1570258-4	SUPPORT ----	1	
-134	1570258-2	SUPPORT ----	1	
		ATTACHING PARTS		
-135	AN515-6R5	SCREW ----	2	
-136	AN340-3	NUT ----	2	

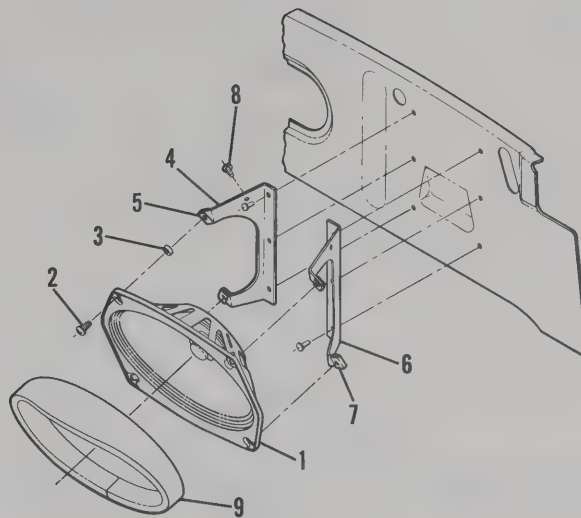
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-5 -137	1570001-2052	CABLE ASSY AUDIO SELECTOR SWITCH HF -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-2	LIGHT-24 VOLT -----	1	
	S2133-25	FILTER -----	1	
	S2133-2	LENS -----	1	
	S2133-19	LEGEND HF -----		
		ATTACHING PARTS		
-138	AN507-440R12	SCREW -----	2	
-139	NAS43DD0-25	SPACER -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-140	1570001-2057	CABLE ASSY AUDIO SELECT SWITCH ADF -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-2	LIGHT-24 VOLT -----	1	
	S2133-25	FILTER -----	1	
	S2133-2	LENS -----	1	
	S2133-15	LEGEND ADF -----	1	
		ATTACHING PARTS		
-141	AN507-440R12	SCREW -----	2	
-142	NAS43DD0-25	SPACER -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-143	1570001-2058	CABLE ASSY AUDIO SELECT SWITCH DME -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-2	LIGHT-24 VOLT -----	1	
	S2133-25	FILTER -----	1	
	S2133-2	LENS -----	1	
	S2133-20	LEGEND DME -----	1	
		ATTACHING PARTS		
-144	AN507-440R12	SCREW -----	2	
-145	NAS43DD0-25	SPACER -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-146	1570001-2060	CABLE ASSY DUAL 300 RADIOS REC 1 & REC 2 -----	1	
	S2131-1	SWITCH ASSY -----	1	
	1270715-1	BOARD-P.C. -----	1	
	S2134-2	LIGHT-24 VOLT -----	2	
	S2133-25	FILTER -----	2	
	S2133-2	LENS -----	2	
	S2133-21	LEGEND REC 1 -----	1	
	S2133-22	LEGEND REC 2 -----	1	
		ATTACHING PARTS		
-147	AN507-440R12	SCREW -----	2	
-148	NAS43DD0-25	SPACER -----	2	
	AN936B4	WASHER -----	2	
	AN340B4	NUT -----	2	
		---*---		
-149	S1838-2	HOUSING 36 PIN -----	2	
		ATTACHING PARTS		
-150	AN515-4R6	SCREW -----	4	
-151	S1837-1	TERMINAL -----	AR	
		---*---		
-152	S1836-1	KEYING PLUG USED ONLY ON ITEMS 149 & 155 ONE EACH -	3	
		REQD PER HOUSING		
-153	0570084-2	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
		ATTACHING PARTS		
-154	AN515-6R22	SCREW -----	4	
		---*---		

CONTINUED ON NEXT PAGE

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-5 -155	S1838-3	HOUSING 20 PIN ----- ATTACHING PARTS -----	1	
	S1837-1	TERMINAL -----	AR	
-156	AN515-4R8	SCREW ----- ---*---	2	
-157	S1813-1	RELAY ----- ATTACHING PARTS -----	1	
-158	9KH3	SPRING PBR ----- ---*---	1	
-159	S1838-1	HOUSING 60 PIN ----- ATTACHING PARTS -----	1	
	S1837-1	TERMINAL -----	AR	
-160	AN515-6R8	SCREW ----- ---*---	2	
-161	KA-25	KING ISOLATION AMPLIFIER NOT REQD WHEN RADIOS ----- HAVE BUILT-IN AMPLIFIER -----	1	
-162	S1360-5L	CIRCUIT BREAKER -----	1	
-163	S2122-1	NUT-DECORATIVE CIRCUIT BREAKER -----	1	
-164	1270713-2	REGULATOR ASSY -----	1	
-165	S1637-1	HOUSING -----	7	
	S1635-1	PIN ----- ATTACHING PARTS -----	7	
-166	AN515-6R16	SCREW ----- ---*---	2	
-167	1270708-260	CABLE ASSY -----	1	
-168	S1637-2	HOUSING -----	3	
-169	3859A-281-103A	POTENIOMETER ----- ATTACHING PARTS -----	1	
-170	S2093-1	KNOB ----- ---*---	1	

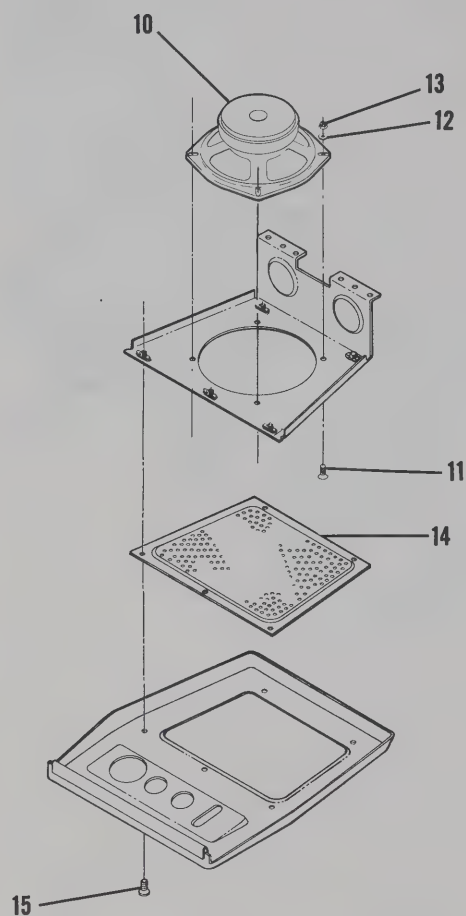
SPEAKER INSTALLATION



INSTALLATION A - 1969 MODELS 182 & 206 SERIES ONLY
(TYPICAL INSTALLATION FOR L.H. & R.H. SPEAKERS)

Figure 4-6. Speaker Installation (Sheet 1 of 4)

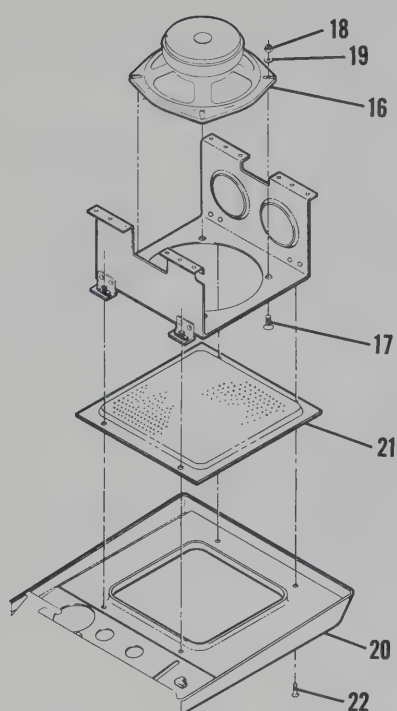
SPEAKER INSTALLATION



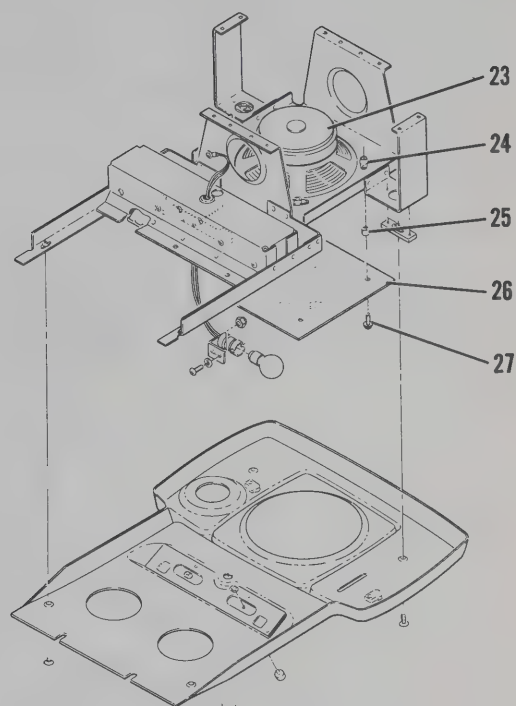
INSTALLATION **B** - 1970 & ON MODELS 182 & 206 SERIES ONLY

Figure 4-6. Speaker Installation (Sheet 2 of 4)

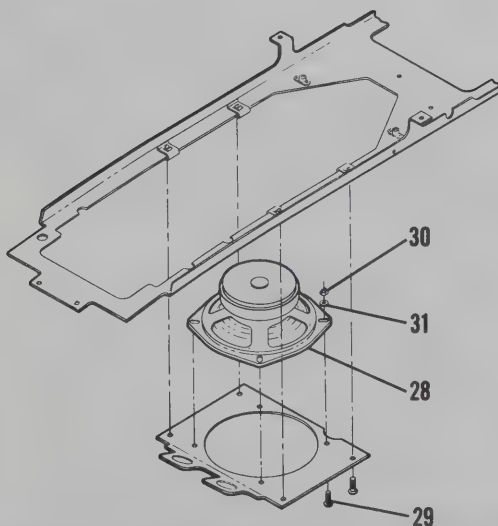
SPEAKER INSTALLATION



INSTALLATION C - 1969 MODEL 210 SERIES ONLY



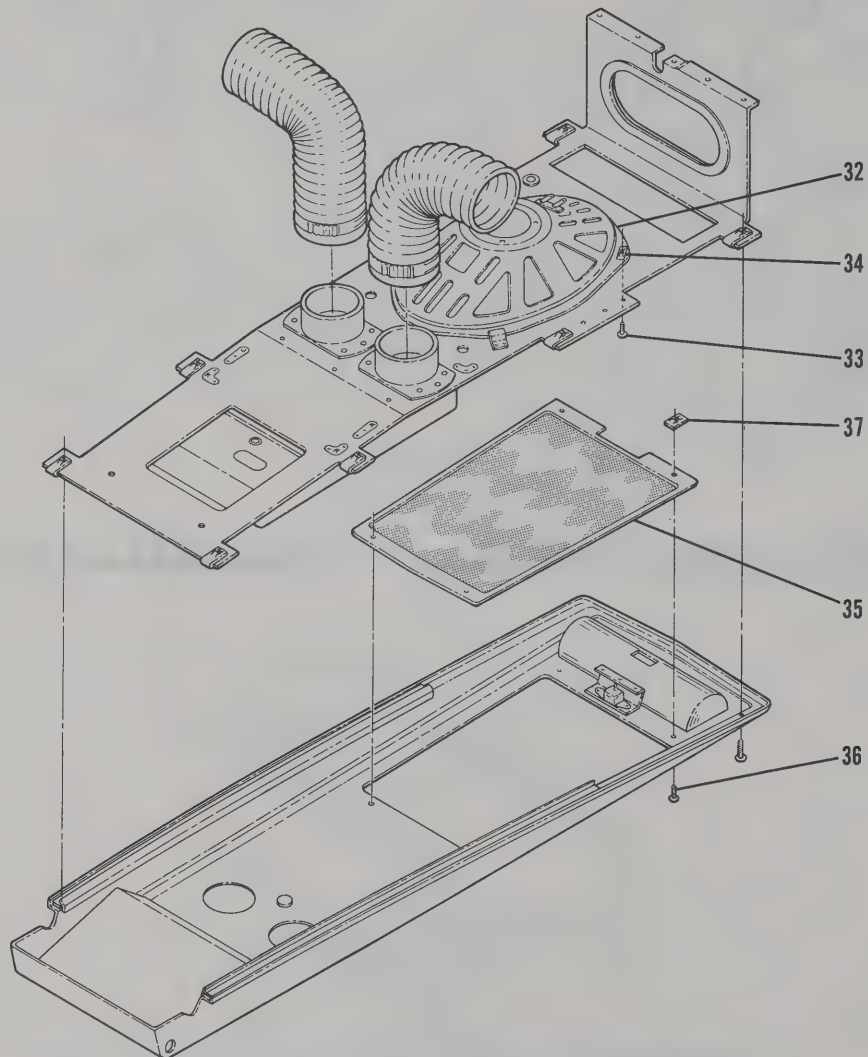
INSTALLATION D - 1970 & ON 210 SERIES ONLY



INSTALLATION E - MODELS 337 & T337

Figure 4-6. Speaker Installation (Sheet 3 of 4)

SPEAKER INSTALLATION

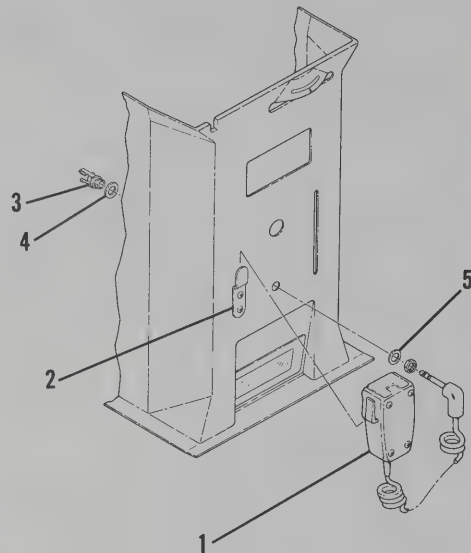


INSTALLATION **F** - 1971 & ON MODEL 177RG

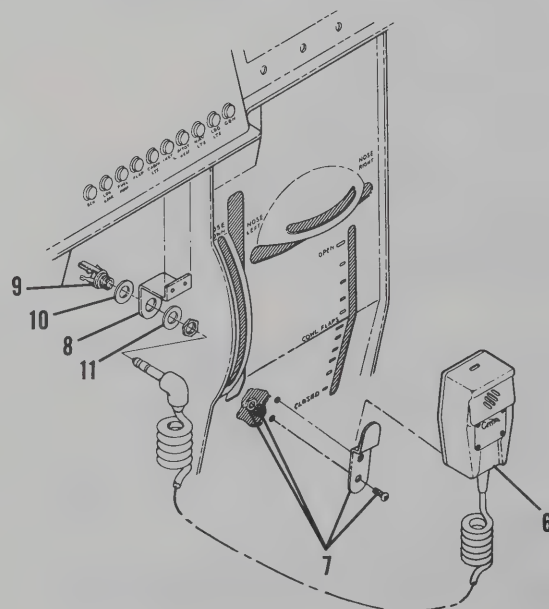
Figure 4-6. Speaker Installation (Sheet 4 of 4)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-6 -		SPEAKER INSTALLATIONS -----	NP	
- 1	C596505-0101	SPEAKER INSTALLATION A 1969 MODEL 182 & 206 SERIES ONLY - SPEAKER WIRES NOT SUPPLIED TYPICAL FOR BOTH ----- RIGHT AND LEFT SPEAKER INSTALLATIONS WHEN EXHAUSTED USE 0770731-1 ATTACHING PARTS	NP 1	
- 2	S1021Z8-6	SCREW -----	4	
- 3	NAS42DD6-8	SPACER -----	4	
		-----*-----		
- 4	0770732-5	ADAPTER PLATE ASSY -----	1	
	0770732-7	ADAPTER PLATE -----	1	
- 5	NAS395-11-3	NUT -----	2	
- 6	0770732-6	ADAPTER PLATE ASSY -----	1	
	0770732-8	ADAPTER PLATE -----	1	
- 7	NAS395-11-3	NUT -----	2	
- 8	S1021Z4-4	SCREW-GROUNDING -----	1	
- 9	1270058-1	BAFFLE -----	1	
		-----*-----		
-10	C596504-0101	SPEAKER INSTALLATION B 1970 & ON MODELS 182 & 206 ----- SERIES ONLY SPEAKER -----	NP 1	
		ATTACHING PARTS		
-11	AN507-832R8	SCREW -----	4	
-12	AN960D8	WASHER -----	4	
-13	NAS679A08	NUT -----	4	
		-----*-----		
-14	1211081	GRILLE -----	1	
		ATTACHING PARTS		
-15	AN507-832R7	SCREW -----	5	
		-----*-----		
-16	C596504-0101	SPEAKER INSTALLATION C 1969 MODEL 210 SERIES ONLY ----- SPEAKER WIRES NOT SUPPLIED -----	NP 1	
		ATTACHING PARTS		
-17	AN507-832R8	SCREW -----	4	
-18	NAS679A08	NUT -----	4	
-19	AN960C8L	WASHER -----	4	
		-----*-----		
-20	SEE PARTS CAT.	COVER -----	1	
-21	1211086-1	GRILLE -----	1	
		ATTACHING PARTS		
-22	AN507-832R6	SCREW -----	4	
		-----*-----		
-23	C596504-0101	SPEAKER INSTALLATION D 1970 & ON 210 SERIES ONLY ----- SPEAKER WIRES NOT SUPPLIED -----	NP 1	
		ATTACHING PARTS		
-24	NAS680A08K	NUTPLATE -----	4	
-25	NAS43DD3-12	SPACER -----	4	
-26	1200224-1	GRILLE-SPEAKER -----	1	
-27	AN525-832R10	SCREW -----	4	
		-----*-----		
-28	C596504-0101	SPEAKER INSTALLATION E 1969 & ON MODEL 337 SERIES ONLY -- SPEAKER WIRES NOT SUPPLIED -----	NP 1	
		ATTACHING PARTS		
-29	AN515-8R10	SCREW -----	4	
-30	NAS679A08	NUT -----	4	
-31	AN960D8	WASHER -----	4	
		-----*-----		
-32	0770731-1	SPEAKER INSTALLATION F 1971 & ON MODEL 177RG ONLY ----- SPEAKER WIRES NOT SUPPLIED -----	NP 1	
		ATTACHING PARTS		
-33	S1021Z8-8	SCREW -----	4	
-34	NAS446-4-3	NUT-FLAT -----	2	
		-----*-----		
-35	1706016-1	GRILLE -----	1	
		ATTACHING PARTS		
-36	S1021Z6-5	SCREW -----	4	
-37	NAS446-2-3	NUT-FLAT -----	4	
		-----*-----		

HAND-HELD MICROPHONE INSTALLATION & SERVICE PARTS



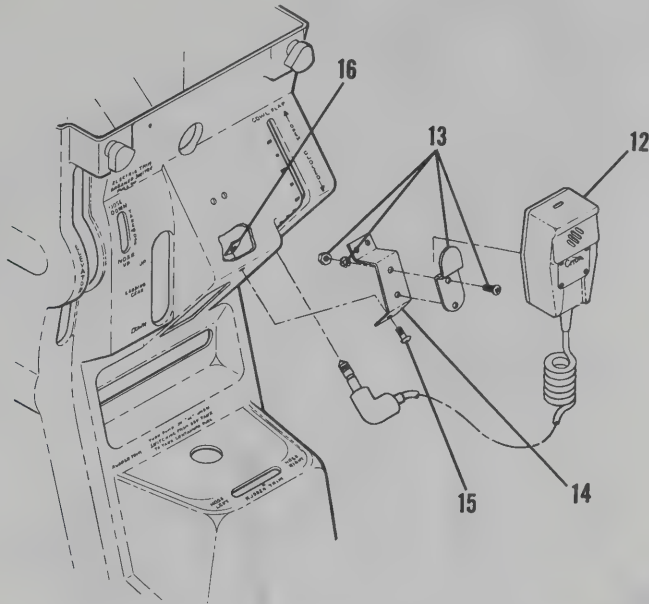
INSTALLATION A - 177RG THRU 1971 ONLY



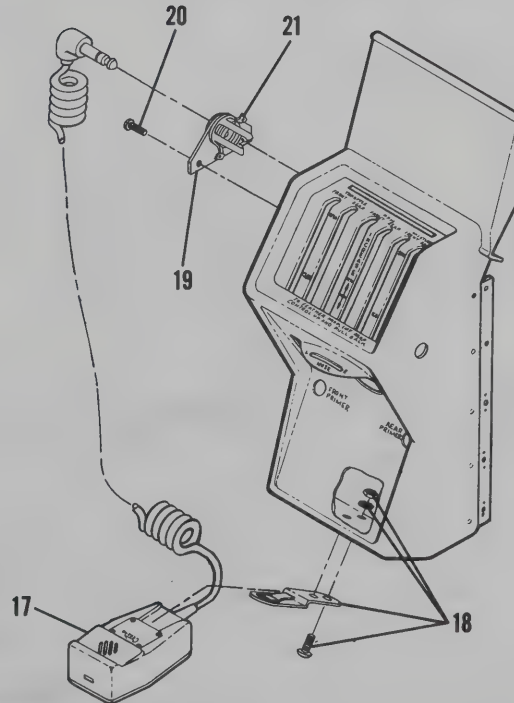
INSTALLATION B - THRU 1971 182 SERIES, 1969 THRU 1970
P206 SERIES & 1971 U206 SERIES ONLY

Figure 4-7. Hand-held Microphone Installation & Service Parts (Sheet 1 of 6)

HAND-HELD MICROPHONE INSTALLATION & SERVICE PARTS



INSTALLATION C - THRU 1971 210 SERIES ONLY



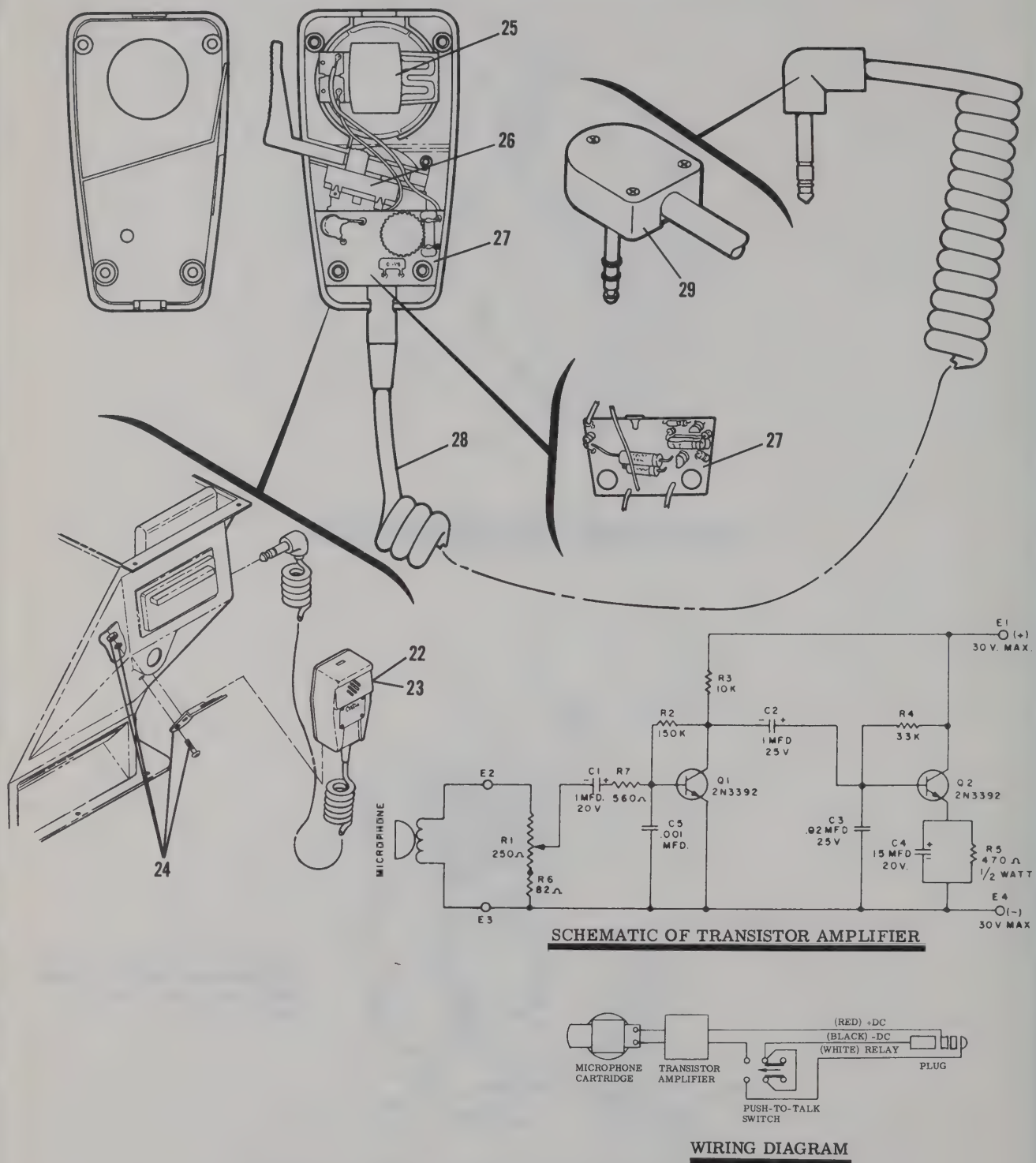
NOTE

REFER TO FIGURE 1-25 FOR MICROPHONE INSTALLATION WHEN 400A NAV-O-MATIC IS INSTALLED.

INSTALLATION D - THRU 1971 337 SERIES ONLY

Figure 4-7. Hand-held Microphone Installation & Service Parts (Sheet 2 of 6)

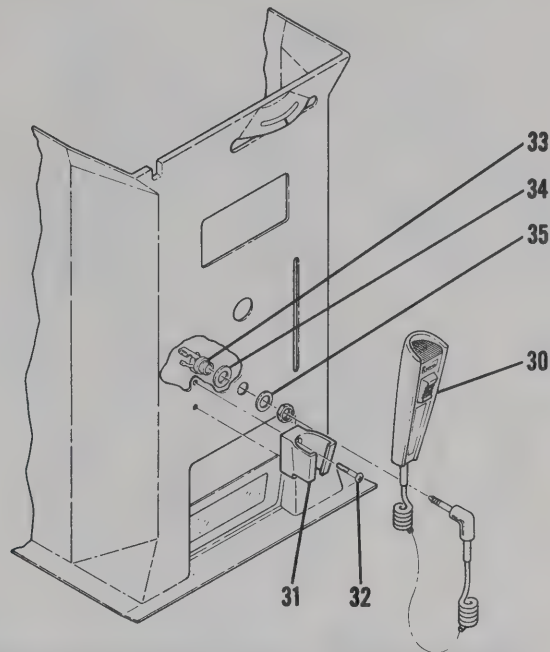
HAND-HELD MICROPHONE INSTALLATION & SERVICE PARTS



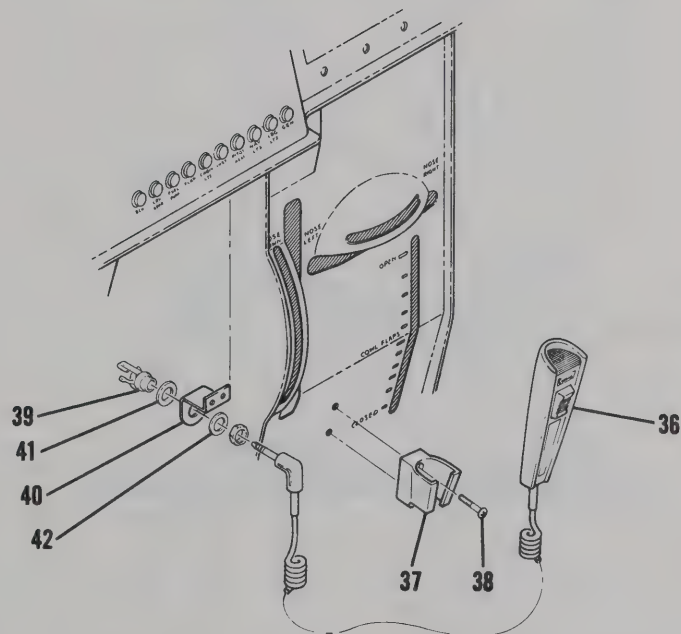
INSTALLATION **E** - SPARE PARTS FOR CESSNA CRAFTED HAND-HELD MICROPHONE
ALL MODELS

Figure 4-7. Hand-held Microphone Installation & Service Parts (Sheet 3 of 6)

HAND-HELD MICROPHONE INSTALLATION & SERVICE PARTS



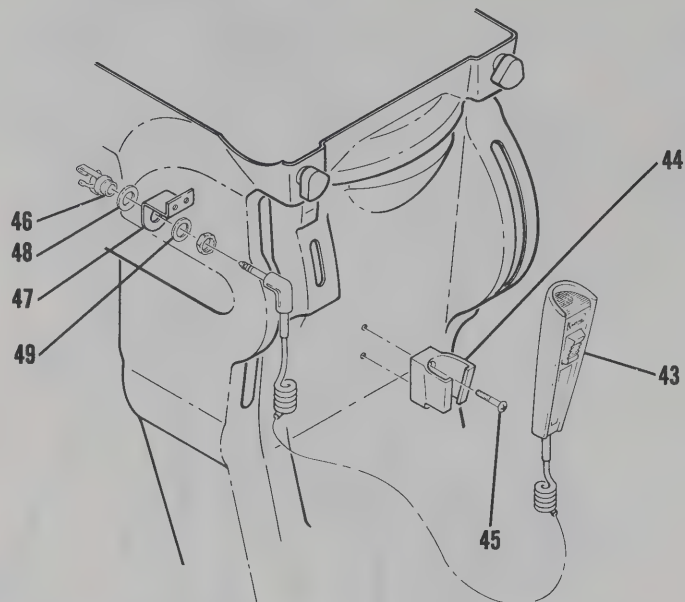
INSTALLATION F - 1972 & ON 177RG ONLY



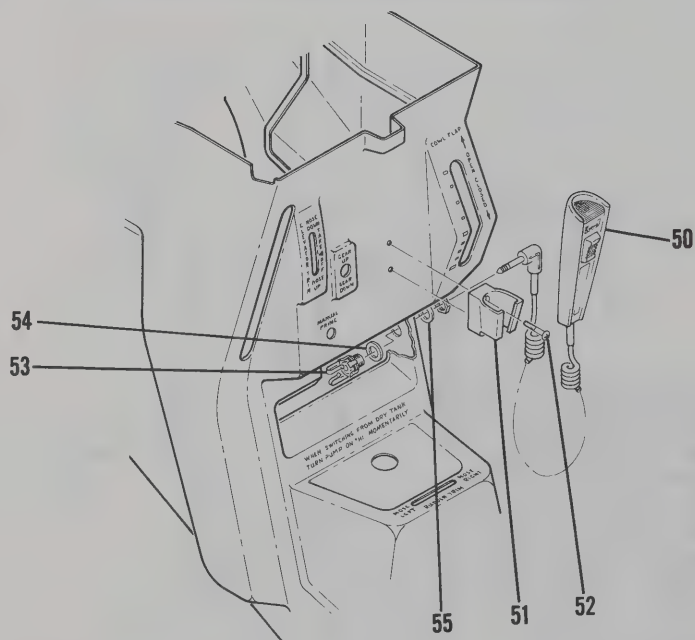
INSTALLATION G - 1972 & ON 182 SERIES ONLY

Figure 4-7. Hand-held Microphone Installation & Service Parts (Sheet 4 of 6)

HAND-HELD MICROPHONE INSTALLATION & SERVICE PARTS



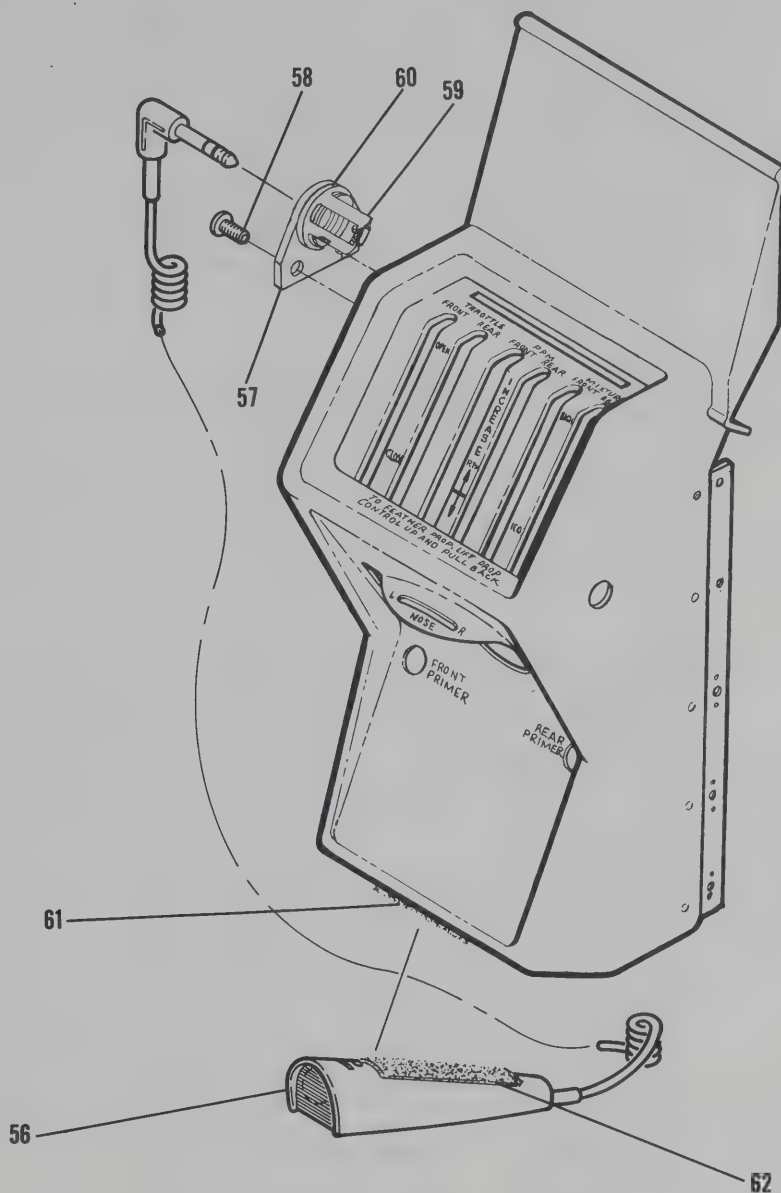
INSTALLATION H - 1972 & ON U206 SERIES ONLY



INSTALLATION J - 1972 & ON 210 SERIES ONLY

Figure 4-7. Hand-held Microphone Installation & Service Parts (Sheet 5 of 6)

HAND-HELD MICROPHONE INSTALLATION & SERVICE PARTS



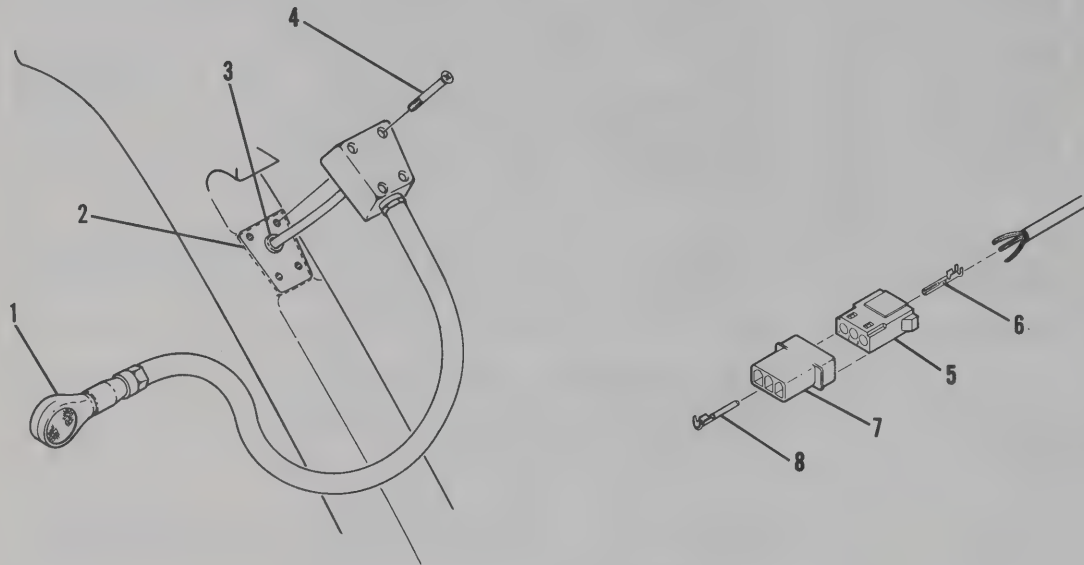
INSTALLATION K - 1972 & ON 337 SERIES ONLY

Figure 4-7. Hand-held Microphone Installation & Service Parts (Sheet 6 of 6)

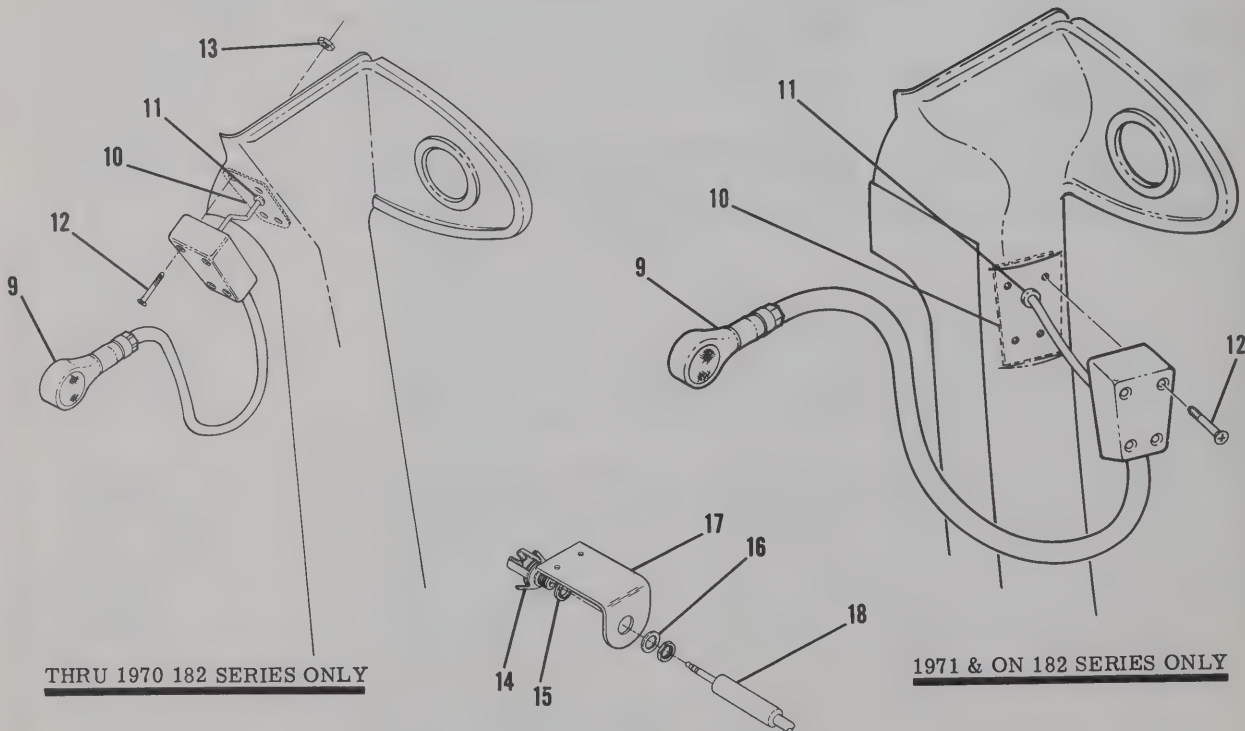
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-7 -		MICROPHONE INSTALLATIONS HAND-HELD -----	NP	
- 1	C596502-0201	MICROPHONE INSTALLATION A THRU 1971 177RG ONLY -----	NP	
	C596502-0202	MICROPHONE KIT -----	1	
- 2	C596501-0103	MICROPHONE ASSY -----	1	
- 3	S1102-1	MOUNTING KIT -----	1	
- 4	S1196-2	JACK-MICROPHONE -----	1	
- 5	S1196-1	WASHER-INNER -----	1	
		WASHER-OUTER -----	1	
		MICROPHONE INSTALLATION B ALL 1971 182 SERIES, 1969 -----	NP	
		THRU 1970 P206 SERIES & 1971 U206 SERIES ONLY		
- 6	C596502-0201	MICROPHONE KIT -----	1	
	C596502-0202	MICROPHONE ASSY -----	1	
- 7	C596501-0103	MOUNTING KIT -----	1	
- 8	1270638-1	BRACKET -----	1	
		ATTACHING PARTS		
	S1021A6-6	SCREW -----	2	
		---*---		
- 9	S1102-1	JACK-MICROPHONE -----	1	
-10	S1196-2	WASHER-INNER -----	1	
-11	S1196-1	WASHER-OUTER -----	1	
		MICROPHONE INSTALLATION C THRU 1971 210 SERIES ONLY -----	NP	
-12	C596502-0201	MICROPHONE KIT -----	1	
	C596502-0202	MICROPHONE ASSY -----	1	
-13	C596501-0103	MOUNTING KIT -----	1	
-14	1270468-3	BRACKET -----	1	
		ATTACHING PARTS		
-15	S1021Z4-4	SCREW -----	3	
-16	NAS446-1-3	NUT -----	3	
		---*---		
		MICROPHONE INSTALLATION D THRU 1971 337 SERIES ONLY -----	NP	
-17	C596502-0201	MICROPHONE KIT -----	1	
	C596502-0202	MICROPHONE ASSY -----	1	
-18	C596501-0103	MOUNTING KIT -----	1	
-19	1513627-1	BRACKET-MICROPHONE JACK -----	1	
		ATTACHING PARTS		
-20	AN515-8R6	SCREW -----	2	
	NAS679A08	NUT -----	2	
		---*---		
-21	S1102-1	JACK-MICROPHONE -----	1	
	S1196-2	WASHER-INNER -----	1	
	S1196-1	WASHER-OUTER -----	1	
		INSTALLATION E SPARE PARTS FOR CESSNA CRAFTED HAND-HELD -	NP	
		MICROPHONE ALL MODELS		
-22	C596502-0201	MICROPHONE KIT -----	1	
-23	C596502-0202	MICROPHONE ASSY -----	1	
-24	C596501-0103	MOUNTING KIT -----	1	
-25	60794-03	MIKE CARTRIDGE -----	1	
-26	35277-00	SWITCH -----	1	
-27	60792-00	CIRCUIT BOARD -----	1	
-28	60903-03	CORD -----	1	
-29	S1342-4	PLUG-REMOVABLE REPLACEMENT FOR PLUG SUPPLIED WITH -----	1	
		MICROPHONE KIT		
		MICROPHONE INSTALLATION F 1972 & ON 177RG ONLY -----	NP	
-30	62800-00	MICROPHONE KIT TXAO -----	1	
-31	62802-00	BRACKET -----	1	
		ATTACHING PARTS		
-32	AN515-6R12	SCREW -----	2	
		---*---		
-33	S1102-1	JACK - MICROPHONE -----	1	
-34	S1196-2	WASHER-INNER -----	1	
-35	S1196-1	WASHER-OUTER -----	1	
		---*---		
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-7 -		MICROPHONE INSTALLATION G 1972 & ON 182 SERIES ONLY ----	NP	
-36	62800-00	MICROPHONE KIT TXAO ----	1	
-37	62802-00	BRACKET ----	1	
		ATTACHING PARTS		
-38	AN515-6R12	SCREW ----	2	
		-----*		
-39	S1102-1	JACK - MICROPHONE ----	1	
		ATTACHING PARTS		
-40	1270638-1	BRACKET ----	1	
-41	S1196-2	WASHER-INNER ----	1	
-42	S1196-1	WASHER-OUTER ----	1	
		-----*		
		MICROPHONE INSTALLATION H 1972 & ON U206 SERIES ONLY ----	NP	
-43	62800-00	MICROPHONE KIT TXAO ----	1	
-44	62802-00	BRACKET ----	1	
		ATTACHING PARTS		
-45	AN515-6R12	SCREW ----	2	
		-----*		
-46	S1102-1	JACK - MICROPHONE ----	1	
		ATTACHING PARTS		
-47	1270638-1	BRACKET ----	1	
-48	S1196-2	WASHER-INNER ----	1	
-49	S1196-1	WASHER-OUTER ----	1	
		-----*		
		MICROPHONE INSTALLATION J 1972 & ON 210 SERIES ONLY ----	NP	
-50	62800-00	MICROPHONE KIT TXAO ----	1	
-51	62802-00	BRACKET ----	1	
		ATTACHING PARTS		
-52	AN515-6R12	SCREW ----	2	
		-----*		
-53	S1102-1	JACK - MICROPHONE ----	1	
-54	S1196-2	WASHER-INNER ----	1	
-55	S1196-1	WASHER-OUTER ----	1	
		-----*		
		MICROPHONE INSTALLATION K 1972 & ON 337 SERIES ONLY ----	1	
-56	62800-00	MICROPHONE TXAO ----	1	
-57	1513627-1	BRACKET ----	1	
		ATTACHING PARTS		
-58	AN515-8R6	SCREW ----	2	
	NAS679A08	NUT ----	2	
		-----*		
-59	S1102-1	JACK-MICROPHONE ----	1	
-60	S1196-2	WASHER ----	1	
-61	S2092-6	PILE ----	1	
-62	S2092-3	HOOK ----	3	

BOOM MICROPHONE INSTALLATION & SERVICE PARTS



INSTALLATION A - MODEL 177RG ONLY



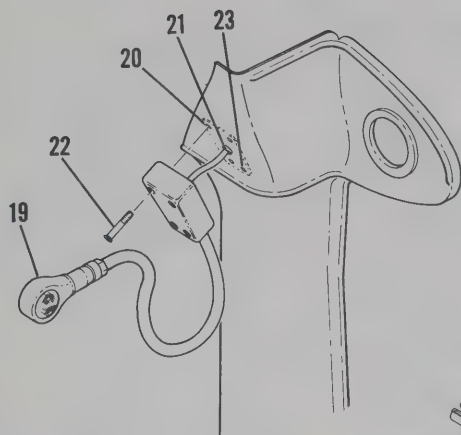
THRU 1970 182 SERIES ONLY

1971 & ON 182 SERIES ONLY

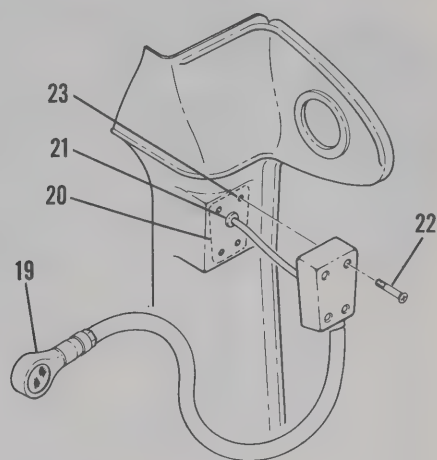
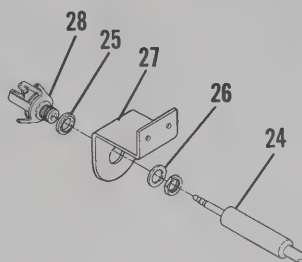
INSTALLATION B - 182 SERIES ONLY

Figure 4-8. Boom Microphone Installation & Service Parts (Sheet 1 of 3)

BOOM MICROPHONE INSTALLATION & SERVICE PARTS

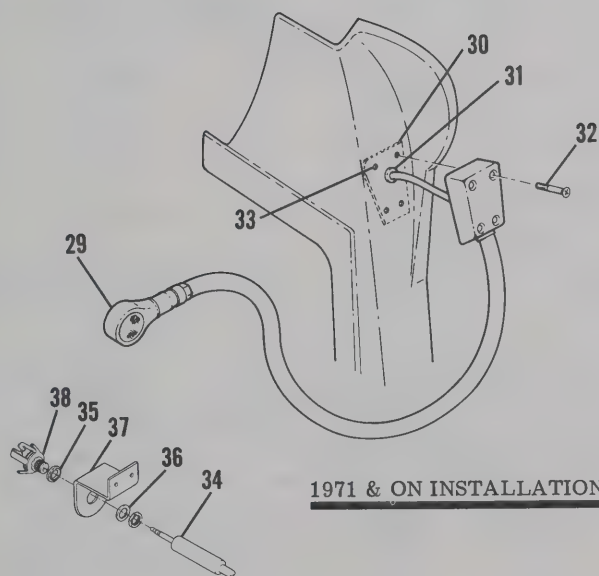


THRU 1970 P206 SERIES ONLY



1971 & ON U206 SERIES ONLY

INSTALLATION C -206 SERIES ONLY

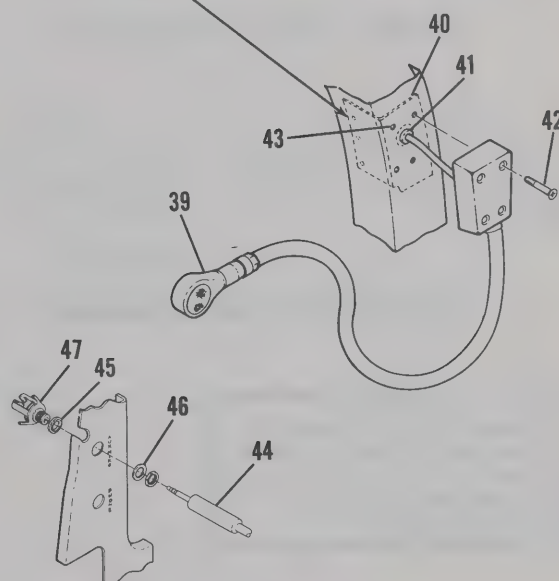


1971 & ON INSTALLATION

NOTE: MICROPHONE WAS MOUNTED ON THE SIDE OF THE FORWARD DOOR POST COVER ON MODELS PRIOR TO 1971.

INSTALLATION D - 210 SERIES ONLY

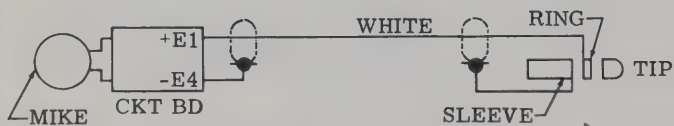
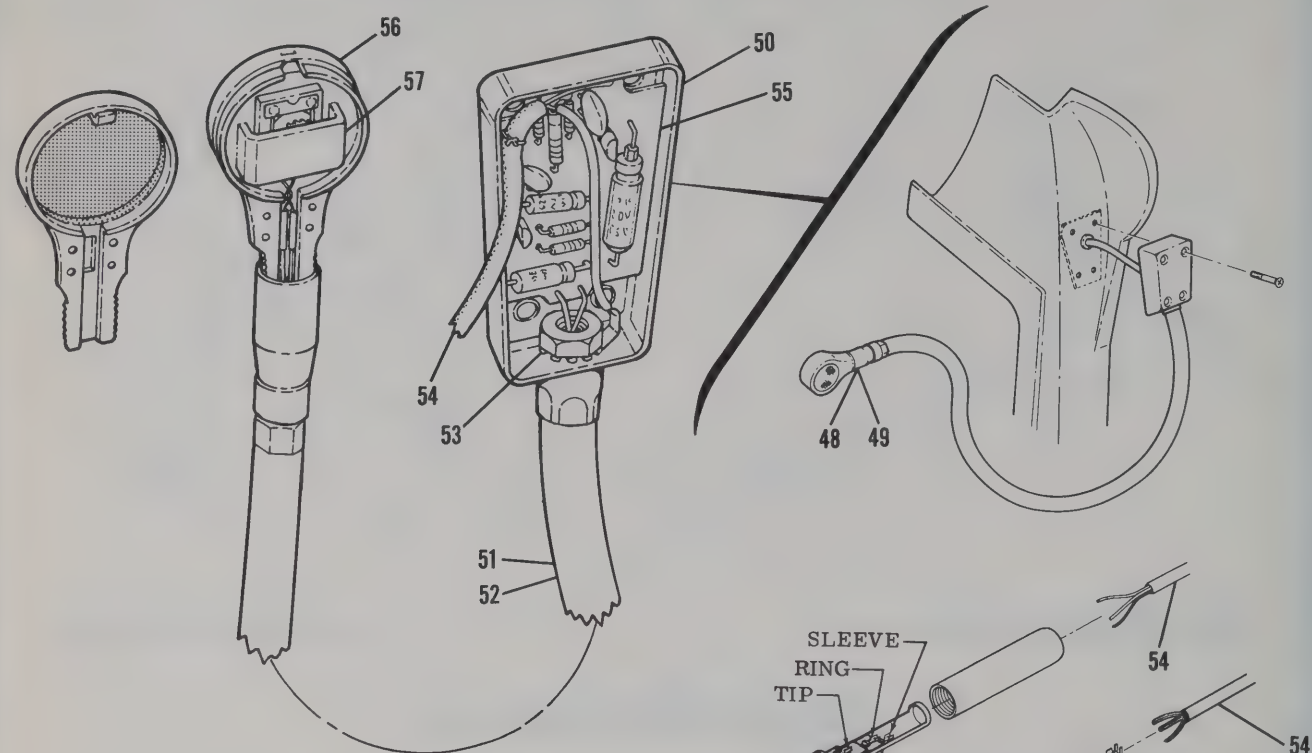
NOTE: MICROPHONE WAS MOUNTED ON SIDE OF THE FORWARD DOOR POST COVER ON MODELS PRIOR TO 1971 USING 1270055-1 PLATE.



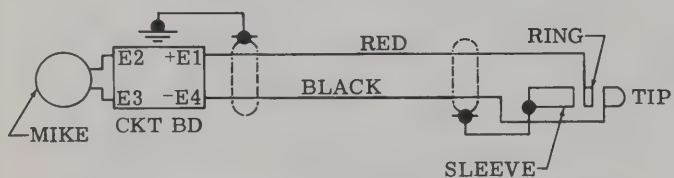
INSTALLATION E - 337 SERIES ONLY

Figure 4-8. Boom Microphone Installation & Service Parts (Sheet 2 of 3)

BOOM MICROPHONE INSTALLATION & SERVICE PARTS



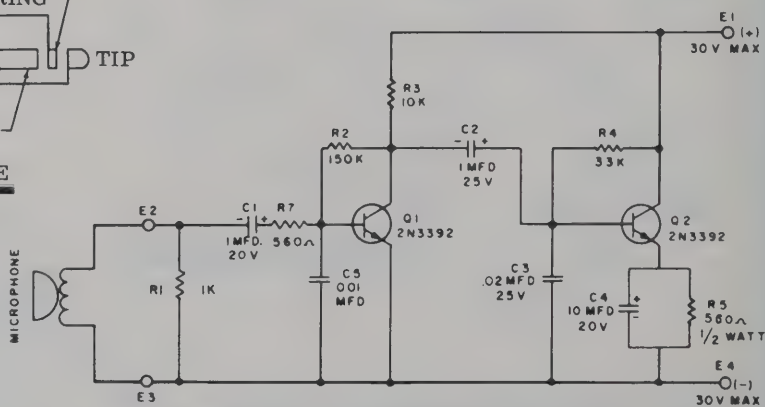
WIRING DIAGRAM - SINGLE WIRE



WIRING DIAGRAM - DOUBLE WIRE

CAUTION

Microphones having single wire or double wire leads should only be wired in accordance with the appropriate wiring diagram shown on this page.



SCHEMATIC OF TRANSISTOR AMPLIFIER

INSTALLATION **F** - SPARE PARTS FOR CESSNA CRAFTED BOOM MICROPHONE, ALL MODELS

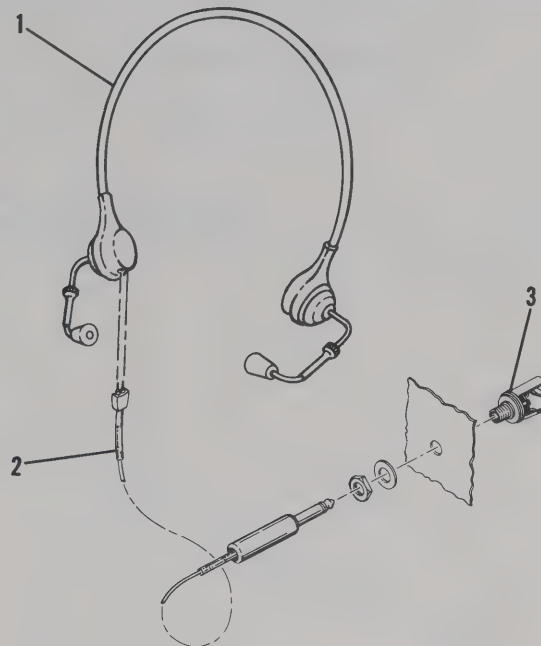
Figure 4-8. Boom Microphone Installation & Service Parts (Sheet 3 of 3)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-8 -		BOOM MICROPHONE INSTALLATIONS ALL MODELS -----	NP	
- 1	C596503-0104	BOOM MICROPHONE INSTALLATION A 177RG ONLY -----	NP	
		MICROPHONE KIT -----	1	
		ATTACHING PARTS -----		
- 2	1270055-1	PLATE -----	1	
- 3	MS35489-1S	GROMMET -----	1	
- 4	AN505-6R16	SCREW -----	4	
	AN960-6L	WASHER -----	4	
	NAS679A06	NUT -----	4	
		-----*		
- 5	S1138-1	HOUSING PLUG -----	1	
- 6	S1136-1	PIN-FEMALE -----	3	
- 7	S1138-2	HOUSING-CAP -----	1	
- 8	S1635-1	PIN-MALE -----	3	
		-----*		
- 9	C596503-0104	BOOM MICROPHONE INSTALLATION B 182 SERIES ONLY -----	NP	
		MICROPHONE KIT -----	1	
		ATTACHING PARTS -----		
-10	1270055-1	PLATE -----	1	
-11	MS35489-11	GROMMET -----	1	
-12	AN507-632R18	SCREW -----	4	
-13	NAS679A06	NUT -----	4	
		-----*		
-14	S1102-1	JACK MICROPHONE -----	1	
-15	S1196-2	WASHER-INNER -----	1	
-16	S1196-1	WASHER-OUTER -----	1	
-17	0713291-1	BRACKET -----	1	
-18	PJ-068	PLUG ISES -----	1	
-19	C596503-0104	BOOM MICROPHONE INSTALLATION C 206 SERIES ONLY -----	NP	
		MICROPHONE KIT -----	1	
		ATTACHING PARTS -----		
-20	1270055-1	PLATE -----	1	
-21	MS35489-11	GROMMET -----	1	
-22	AN507-632R18	SCREW -----	4	
-23	NAS679A06	NUT -----	4	
		-----*		
-24	S1102-1	JACK-MICROPHONE -----	1	
-25	S1196-2	WASHER-INNER -----	1	
-26	S1196-1	WASHER-OUTER -----	1	
-27	1270638-1	BRACKET -----	1	
-28	PJ-068	PLUG ISES -----	1	
-29	C596503-0104	BOOM MICROPHONE INSTALLATION D 210 SERIES ONLY -----	NP	
		MICROPHONE KIT -----	1	
		ATTACHING PARTS -----		
-30	1270055-1	PLATE -----	1	
-31	MS35489-11	GROMMET -----	1	
-32	AN507-632	SCREW -----	4	
-33	MS21044N06	NUT -----	4	
		-----*		
-34	S1102-1	JACK-MICROPHONE -----	1	
-35	S1196-2	WASHER-INNER -----	1	
-36	S1196-1	WASHER-OUTER -----	1	
-37	1270638-1	BRACKET -----	1	
-38	PJ-068	PLUG ISES -----	1	
		CONTINUED ON NEXT PAGE		

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-8 -		BOOM MICROPHONE INSTALLATION E 337 SERIES ONLY -----	NP	
-39	C596503-0104	MICROPHONE KIT -----	1	
		ATTACHING PARTS -----		
-40	1270055-1	PLATE THRU 1970 MODELS ONLY -----	1	
	1513202	BRACKET ASSY 1971 & ON MODELS ONLY -----	1	
	S2031-1	NUTPLATE -----	4	
-41	MS35489-1	GROMMET -----	1	
-42	NAS388-6-18P	SCREW -----	4	
		NUT THRU 1970 MODELS ONLY -----	1	
		---*---		
-44	S1102-1	JACK-MICROPHONE -----	1	
-45	S1196-2	WASHER-INNER -----	1	
-46	S1196-1	WASHER-OUTER -----	1	
-47	PJ-068	PLUG ISES -----	1	
		INSTALLATION F SPARE PARTS FOR CESSNA CRAFTED BOOM -----	NP	
		MICROPHONE ALL MODELS -----		
-48	C596503-0101	MICROPHONE ASSY WHEN EXHAUSTED USE C596503-0104 -----	1	
-49	C596503-0104	MICROPHONE ASSY -----	1	
-50	61603-00	HOUSING -----	1	
-51	61617-00	FLEXIBLE TUBING ASSY USED WITH ITEM 78 ONLY -----	AR	
-52	61600-02	FLEXIBLE TUBING ASSY USED WITH ITEM 79 ONLY -----	AR	
-53	61605-00	NUT -----	1	
-54	25421-00	CORDAGE 8 FT -----	1	
-55	61602-00	CIRCUIT BOARD ASSY -----	1	
-56	61619-00	HOUSING-BOTTOM ASSY -----	1	
-57	61178-06	MIKE CARTRIDGE -----	1	
-58	PJ-068	PLUG ALL MODELS EXCEPT 177RG -----	1	
-59	S1638-1	HOUSING MODEL 177RG ONLY -----	1	
-60	S1636-1	SOCKET MODEL 177RG ONLY -----	1	

HEADSET INSTALLATION



INSTALLATION **A** - ALL MODELS

Figure 4-9. Headset Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-9 -		HEADSET INSTALLATION -----	NP	
- 1	0770039-1	HEADSET ASSY -----	1	
- 2	0770039-2	TWINSET -----	1	
- 3	0770039-3	CORD ASSY -----	1	
	S1612-1	PHONE JACK -----	1	
	560 OHM 1/2 W	RESISTOR-LITTLE DEVIL OM -----	1	



SECTION V

MISCELLANEOUS ELECTRONIC EQUIPMENT

TABLE OF CONTENTS

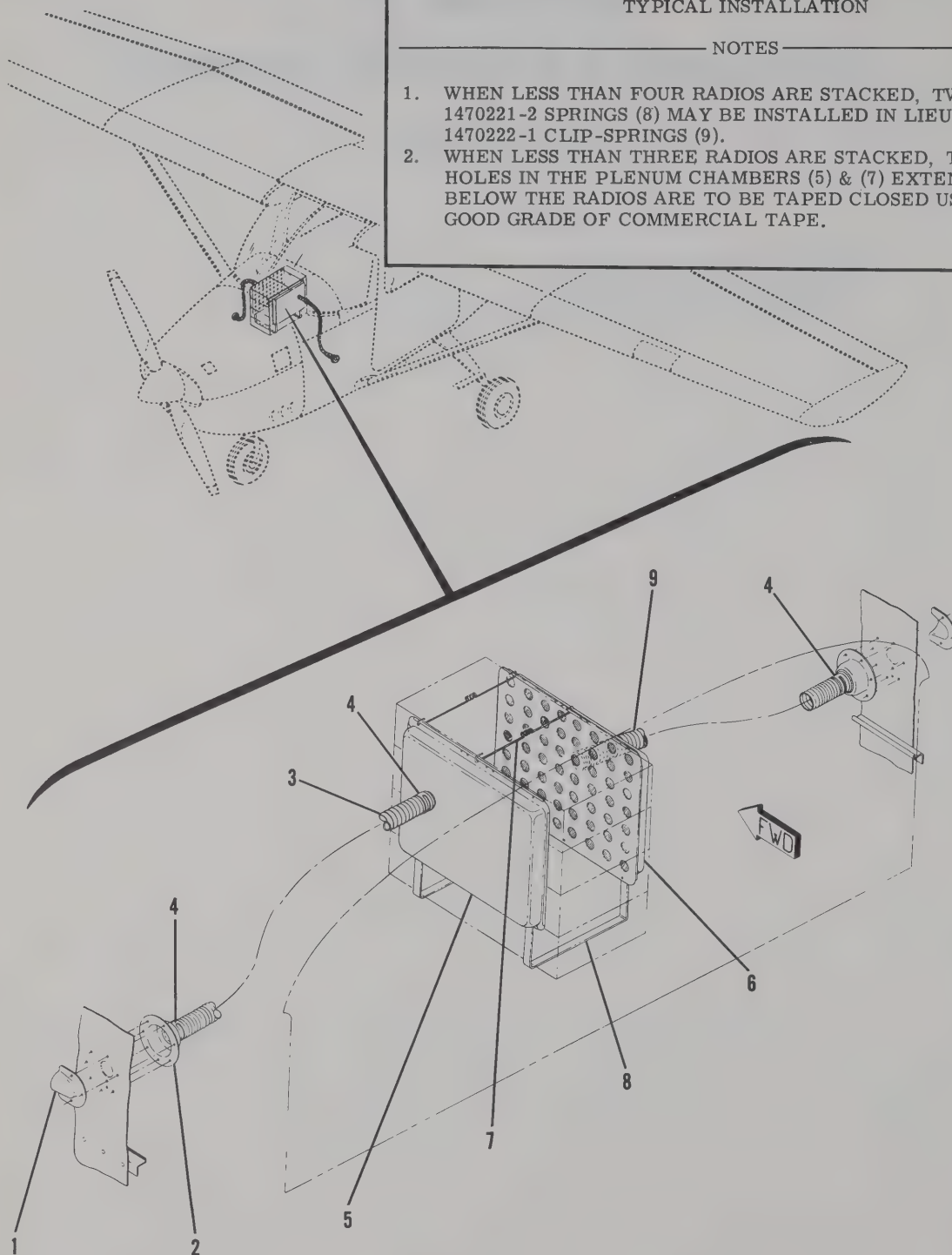
Figure	Equipment	Page
5-1	Radio Cooling Installations	5-2
5-2	Radio Noise Filter Installations	5-24
5-3	Available Accessory Kits List - See Accessory Kits Catalog	

RADIO COOLING INSTALLATIONS

TYPICAL INSTALLATION

NOTES

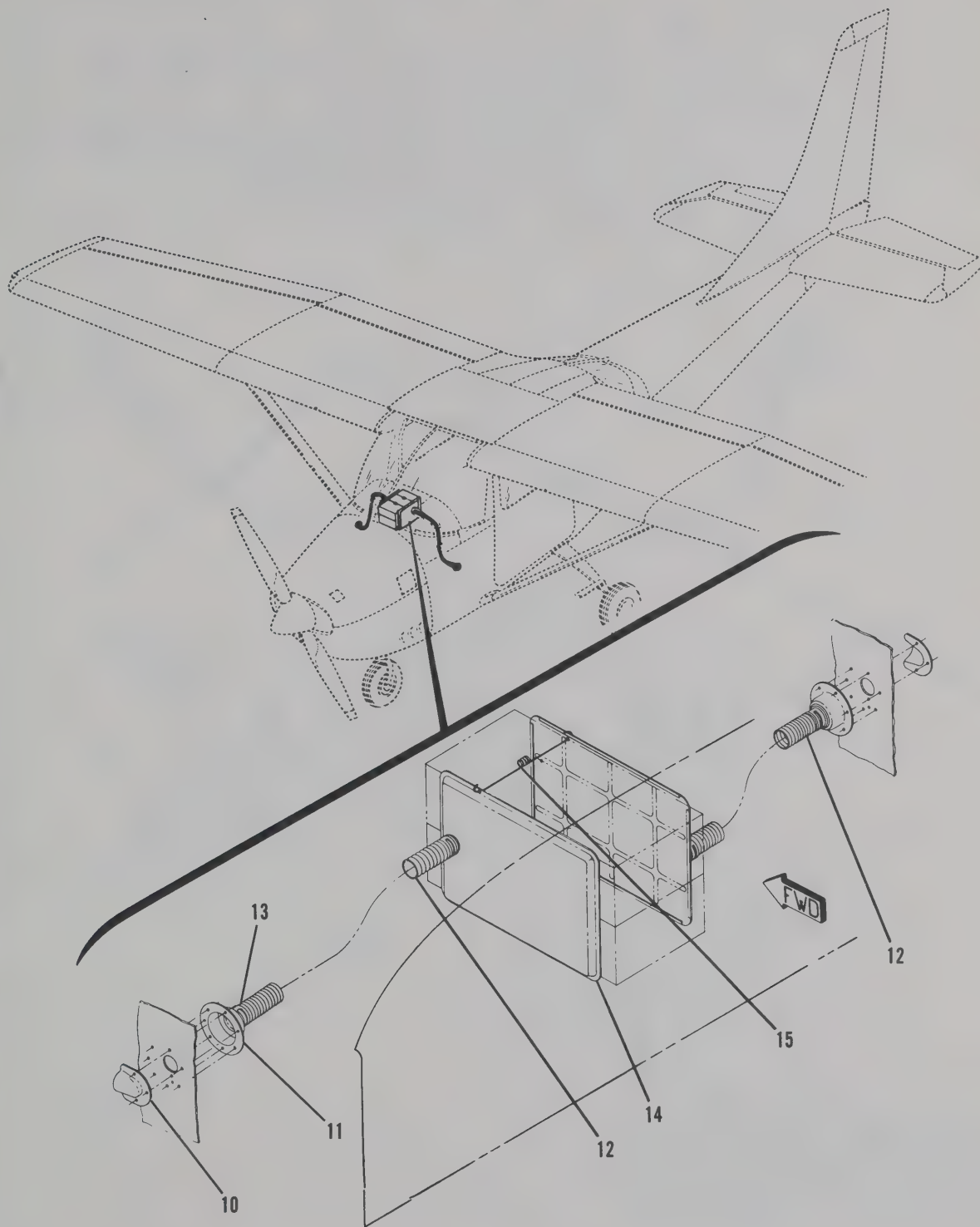
1. WHEN LESS THAN FOUR RADIOS ARE STACKED, TWO 1470221-2 SPRINGS (8) MAY BE INSTALLED IN LIEU OF THE 1470222-1 CLIP-SPRINGS (9).
2. WHEN LESS THAN THREE RADIOS ARE STACKED, THE HOLES IN THE PLENUM CHAMBERS (5) & (7) EXTENDING BELOW THE RADIOS ARE TO BE TAPED CLOSED USING A GOOD GRADE OF COMMERCIAL TAPE.



INSTALLATION **A** - 1969 182 MODELS AND THRU 1970 MODEL
206 SERIES & 210 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 1 of 18)

RADIO COOLING INSTALLATIONS



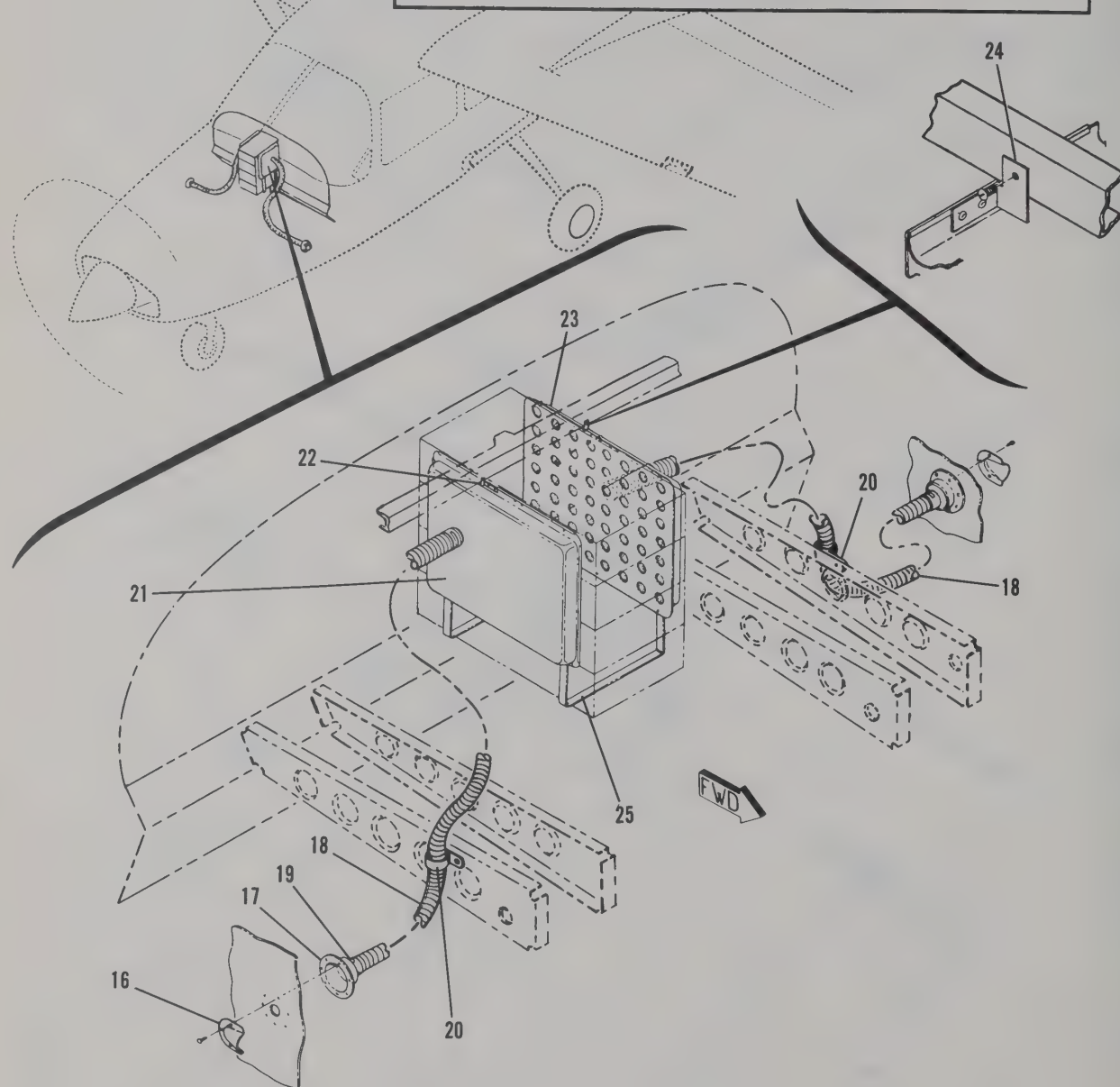
INSTALLATION B - 1970 182 MODELS ONLY

Figure 5-1. Radio Cooling Installation (Sheet 2 of 18)

RADIO COOLING INSTALLATION

MODEL 337 & T337 NON-TSO INSTALLATION ONLY NOTES

1. WHEN LESS THAN FOUR RADIOS ARE STACKED, TWO 1470221-2 SPRINGS MAY BE INSTALLED IN LIEU OF THE 1470222-1 CLIP-SPRINGS (25).
2. WHEN LESS THAN THREE RADIOS ARE STACKED, THE HOLES IN THE PLENUM CHAMBERS (14) & (16) EXTENDING BELOW THE RADIOS ARE TO BE TAPED CLOSED USING A GOOD GRADE OF COMMERCIAL TAPE.



INSTALLATION **C** - THRU 1970 337 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 3 of 18)

RADIO COOLING INSTALLATION

28

26

27

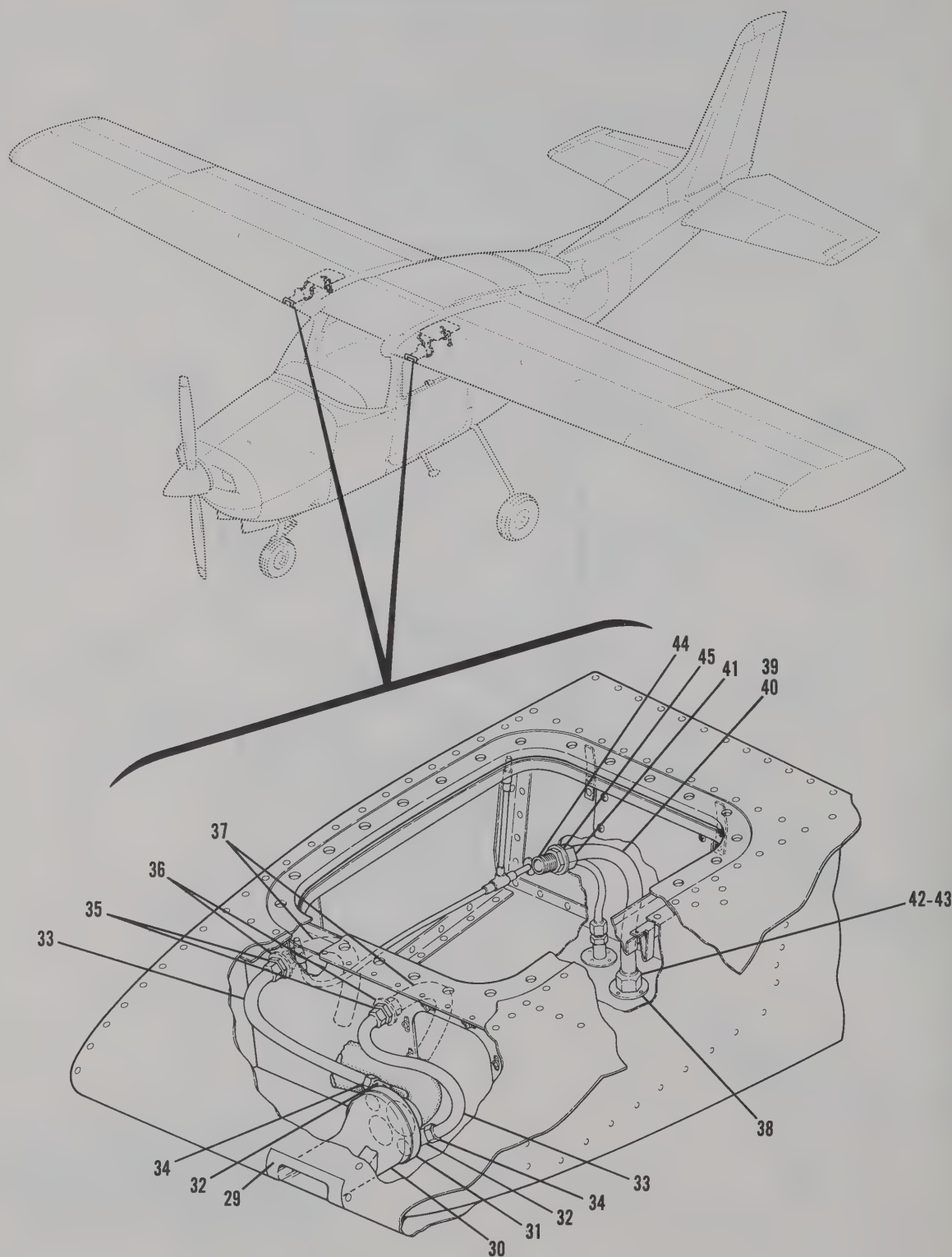
27

NOTE
USED TO PROVIDE RADIO COOLING
RIGHT HAND LOCATED KING RADIO
CESSNA DME 300 RADIOS WHEN A
CENTER STACK OF RADIOS HAS

INSTALLATION **D** - THRU 1970 182, 206 SERIES & 210 SERIES ONLY

5-5

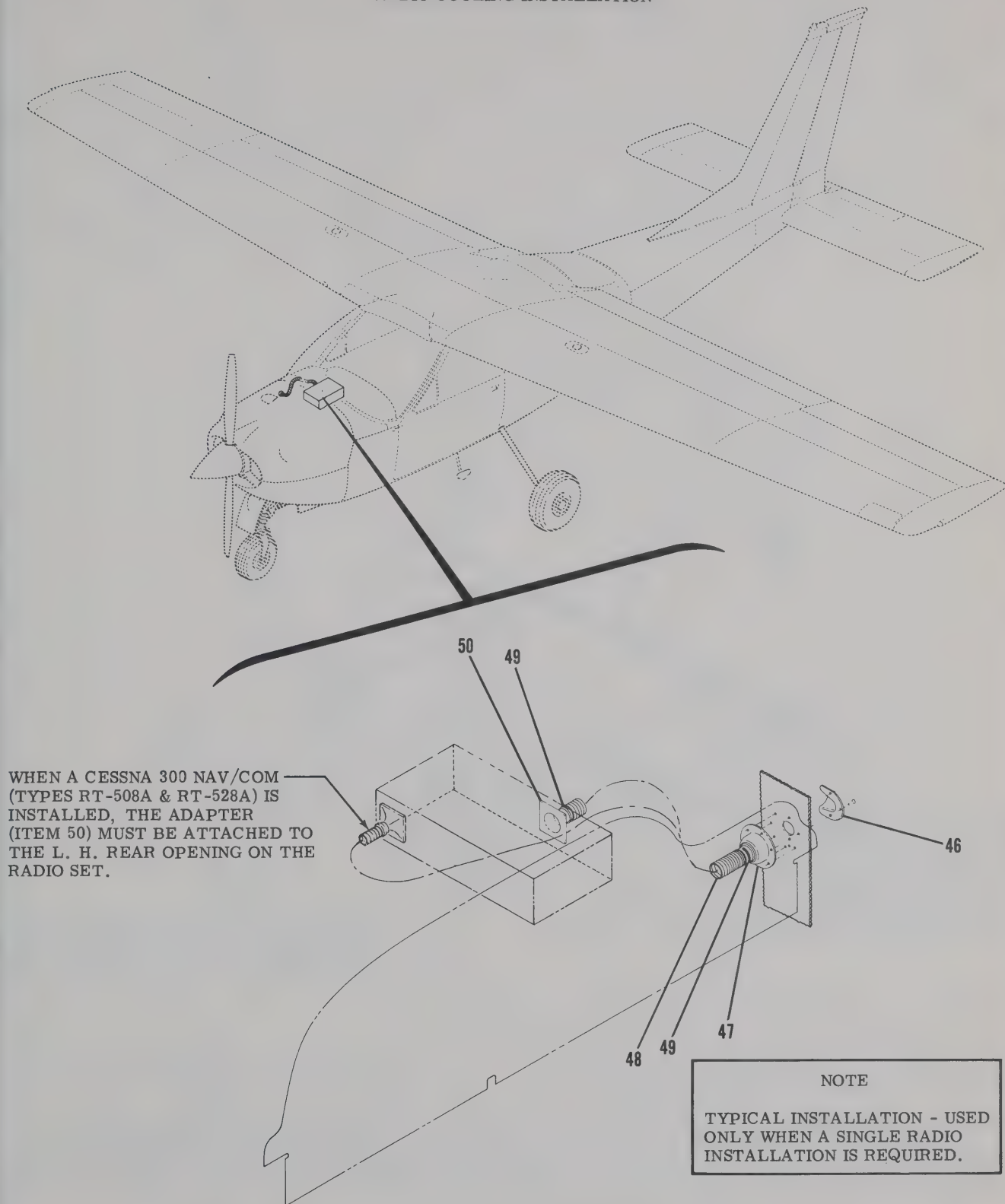
RADIO COOLING INSTALLATIONS



INSTALLATION E - 1970 & ON 210 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 5 of 18)

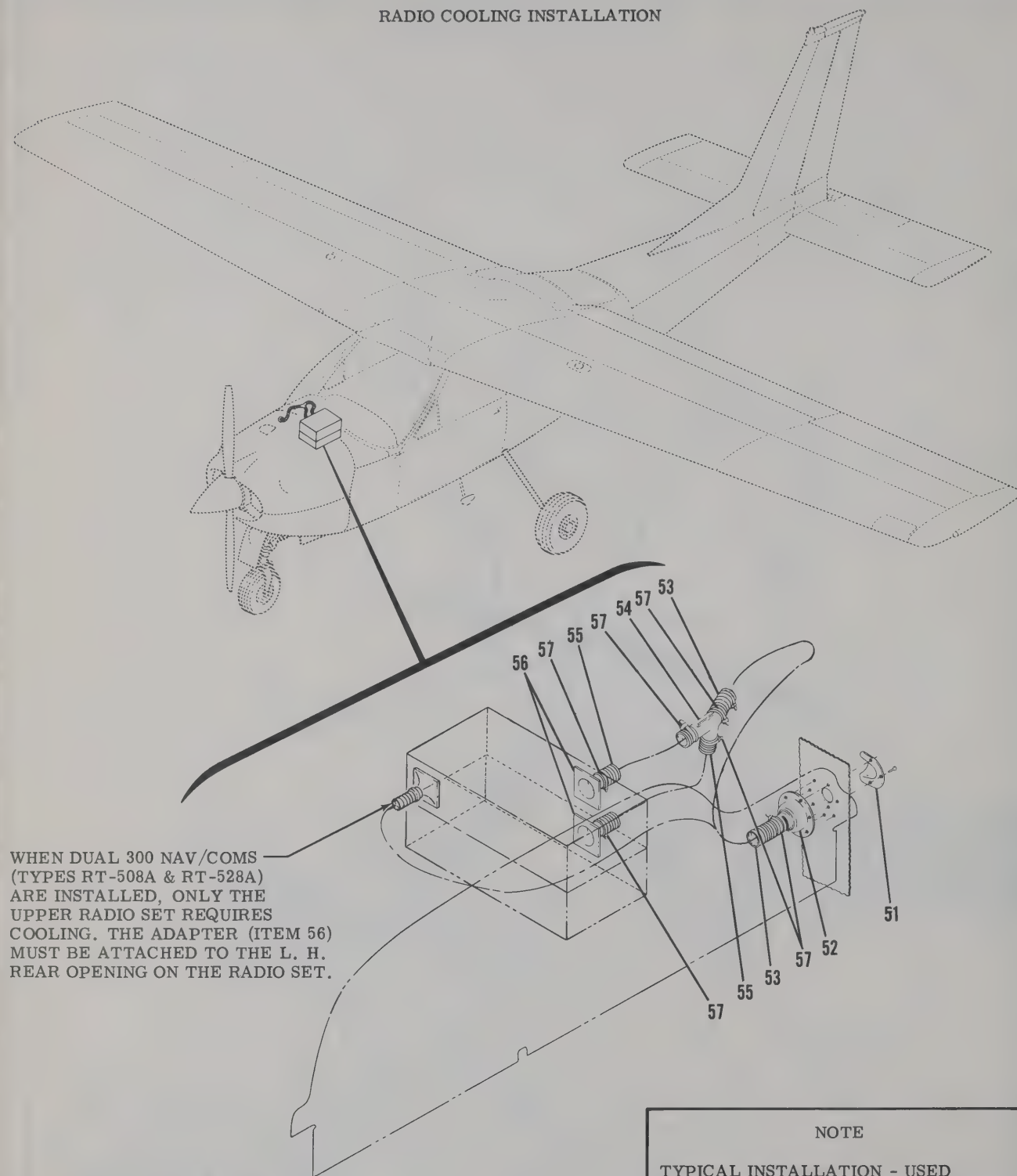
RADIO COOLING INSTALLATION



INSTALLATION F - ALL 1971 & ON MODELS EXCEPT 210 SERIES & 337 SERIES

Figure 5-1. Radio Cooling Installation (Sheet 6 of 18)

RADIO COOLING INSTALLATION



WHEN DUAL 300 NAV/COMS (TYPES RT-508A & RT-528A) ARE INSTALLED, ONLY THE UPPER RADIO SET REQUIRES COOLING. THE ADAPTER (ITEM 56) MUST BE ATTACHED TO THE L. H. REAR OPENING ON THE RADIO SET.

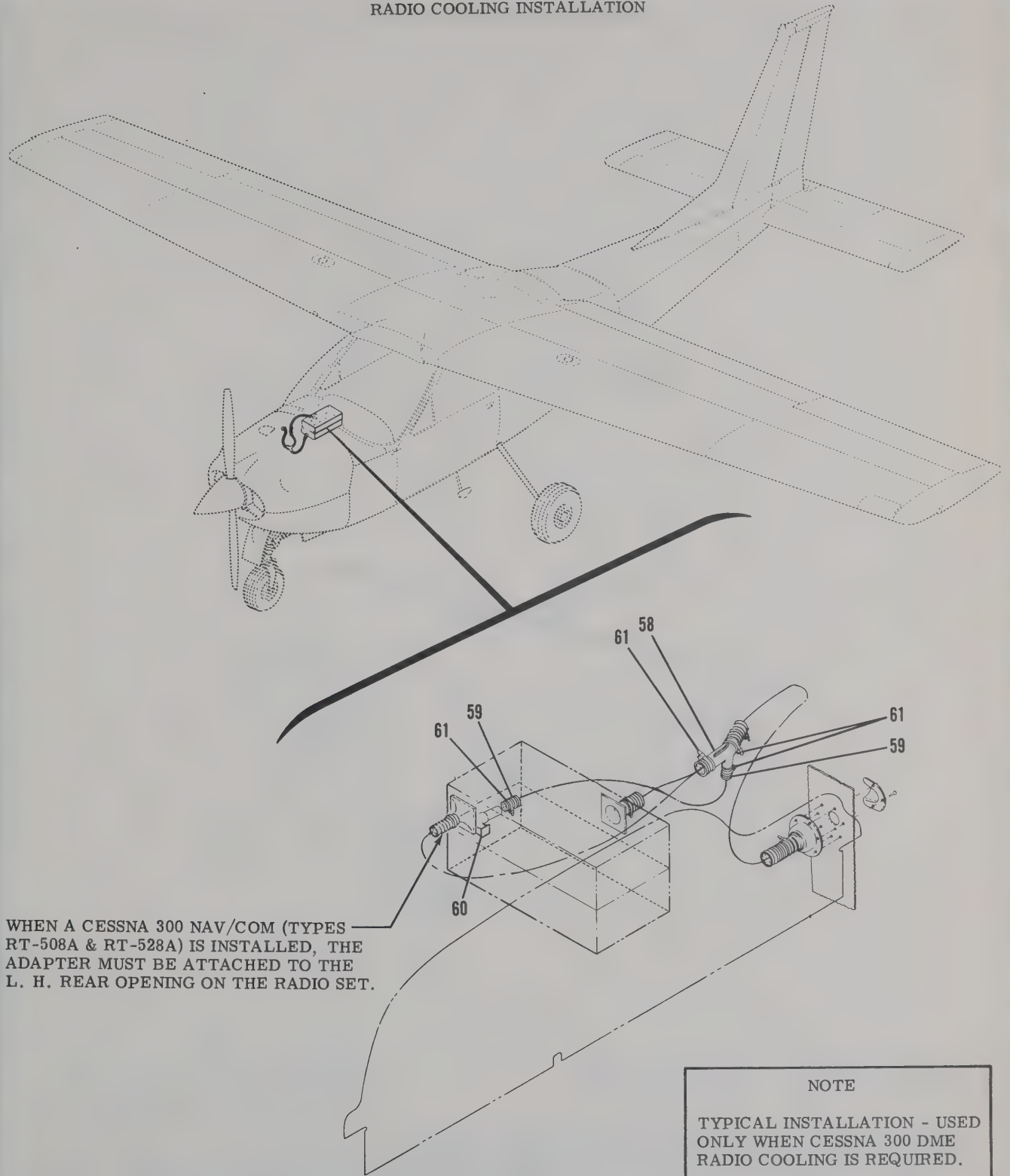
NOTE

TYPICAL INSTALLATION - USED ONLY ON DUAL RADIO INSTALLATIONS.

INSTALLATION G - ALL 1971 & ON MODELS EXCEPT 210 SERIES & 337 SERIES

Figure 5-1. Radio Cooling Installation (Sheet 7 of 18)

RADIO COOLING INSTALLATION

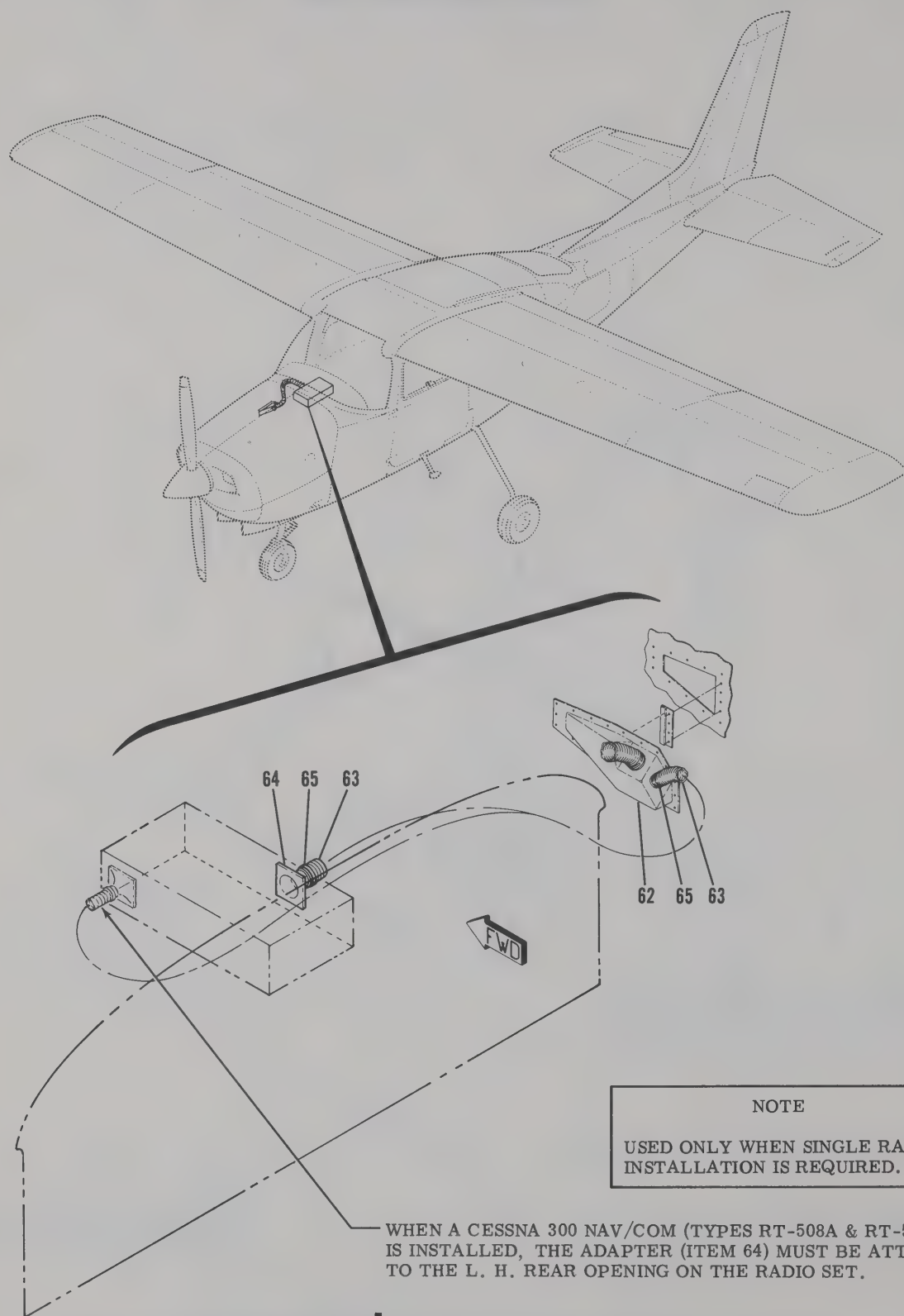


WHEN A CESSNA 300 NAV/COM (TYPES RT-508A & RT-528A) IS INSTALLED, THE ADAPTER MUST BE ATTACHED TO THE L. H. REAR OPENING ON THE RADIO SET.

INSTALLATION H - ALL 1971 & ON MODELS EXCEPT 210 SERIES & 337 SERIES

Figure 5-1. Radio Cooling Installation (Sheet 8 of 18)

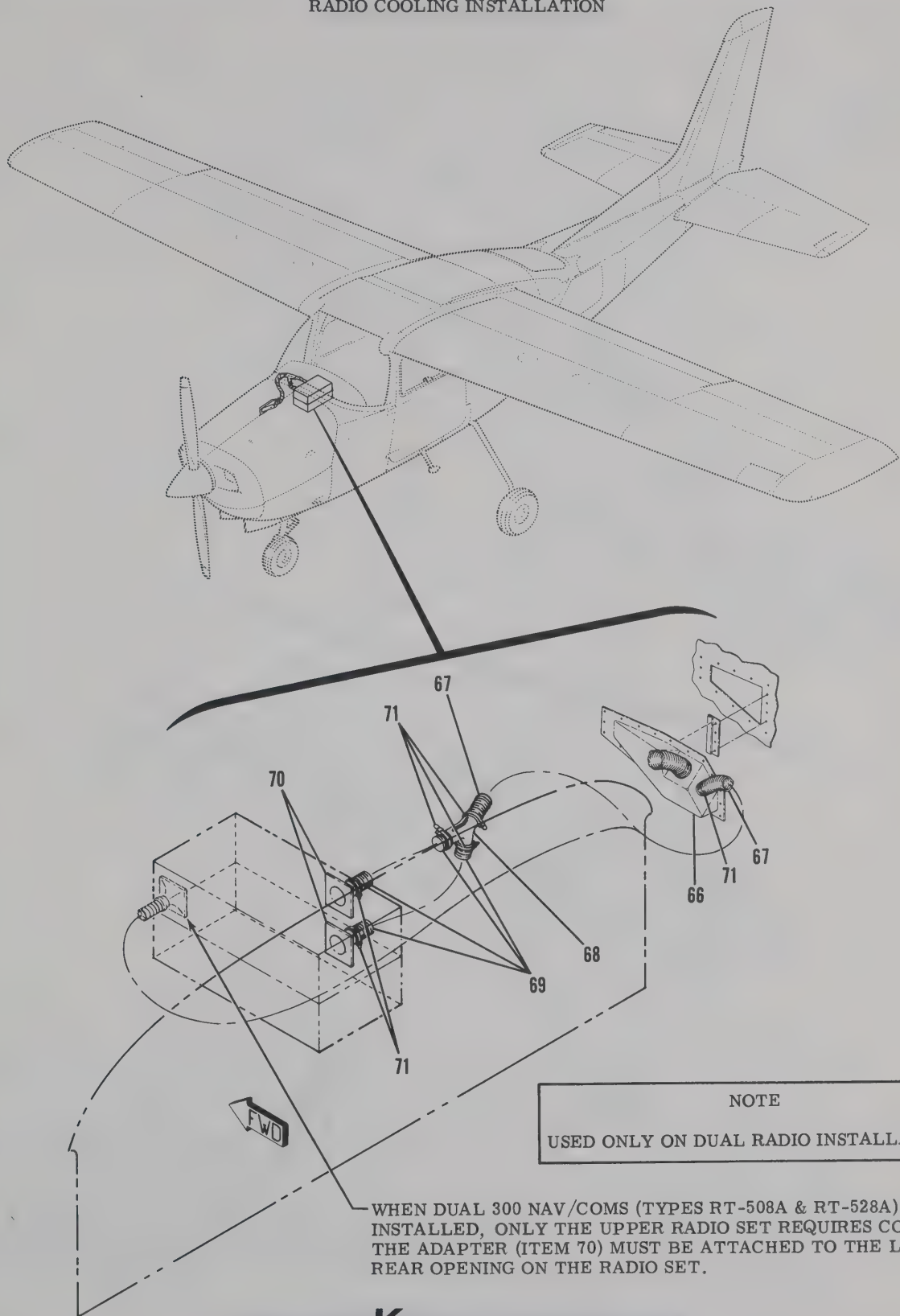
RADIO COOLING INSTALLATION



INSTALLATION J - 1971 & ON 210 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 9 of 18)

RADIO COOLING INSTALLATION



NOTE

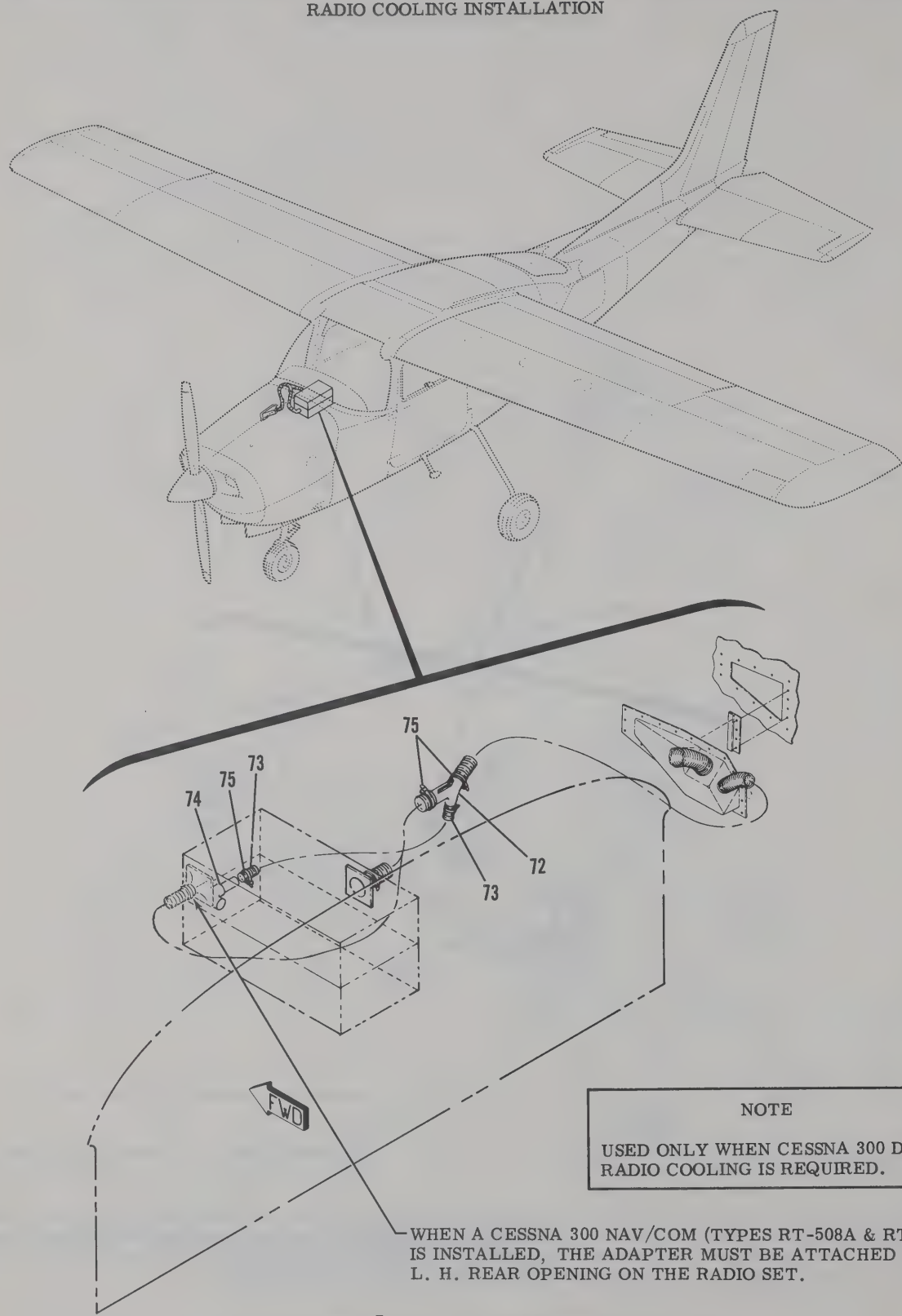
USED ONLY ON DUAL RADIO INSTALLATIONS

WHEN DUAL 300 NAV/COMS (TYPES RT-508A & RT-528A) ARE INSTALLED, ONLY THE UPPER RADIO SET REQUIRES COOLING. THE ADAPTER (ITEM 70) MUST BE ATTACHED TO THE L. H. REAR OPENING ON THE RADIO SET.

INSTALLATION K - 1971 & ON 210 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 10 of 18)

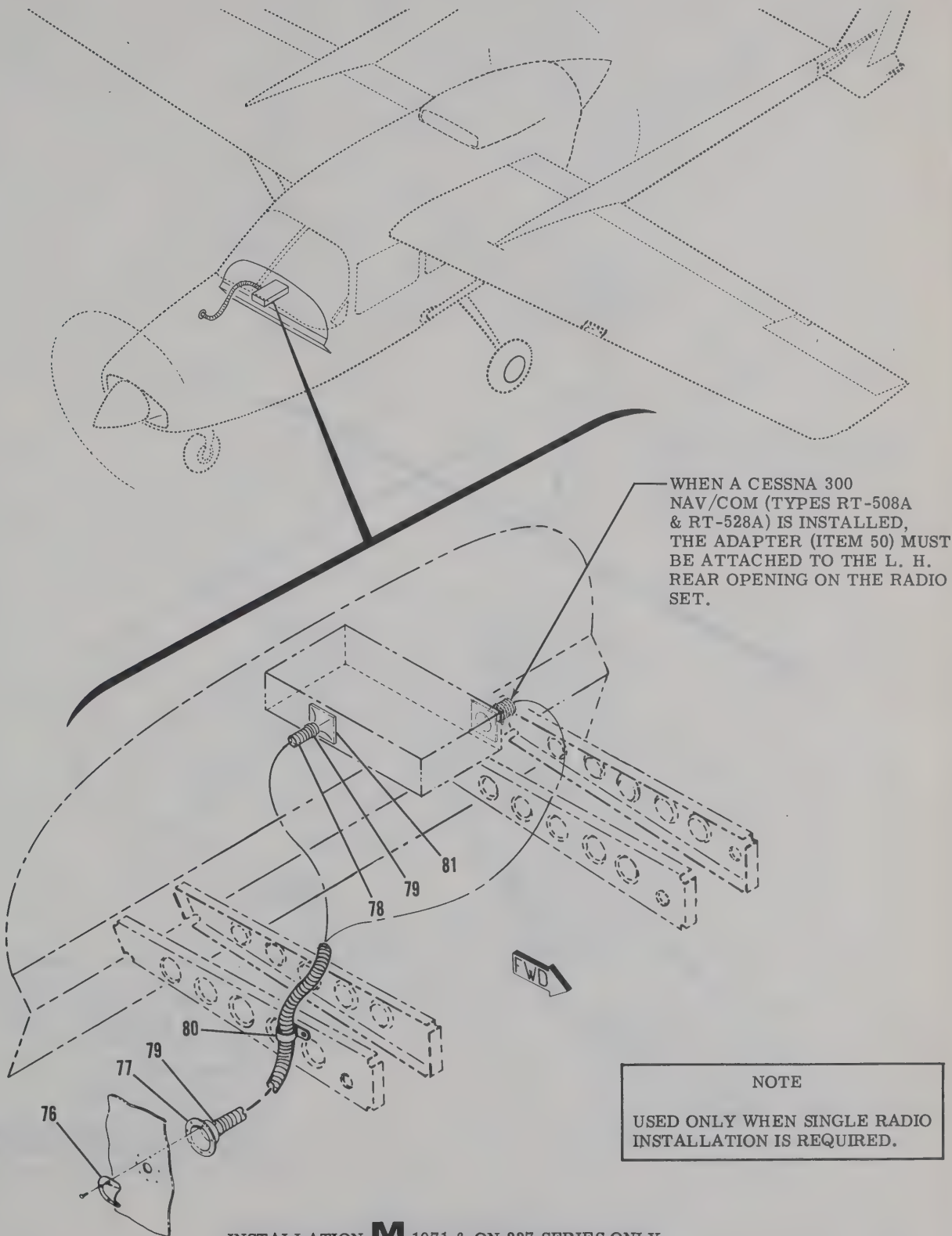
RADIO COOLING INSTALLATION



INSTALLATION L - 1971 & ON 210 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 11 of 18)

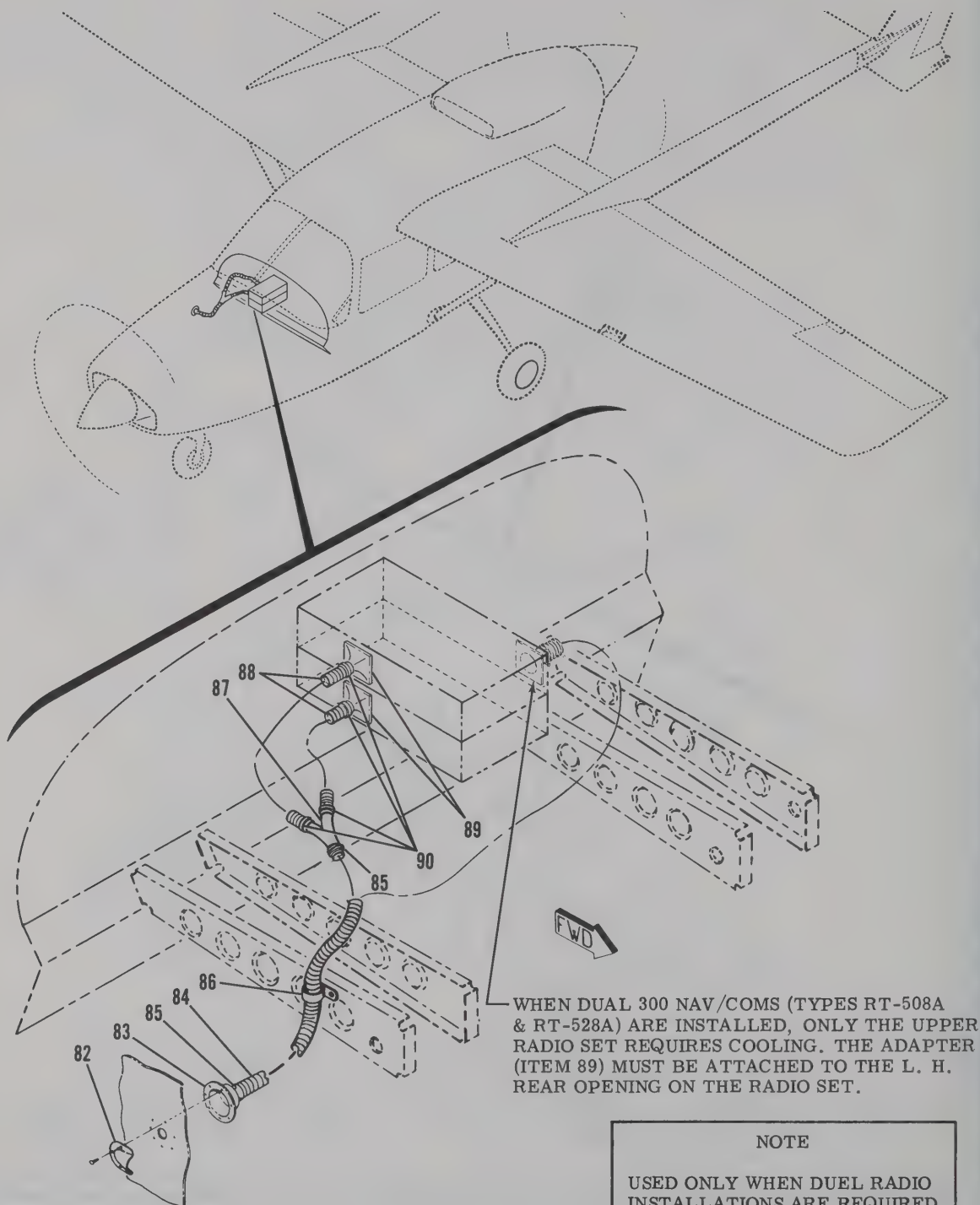
RADIO COOLING INSTALLATION



INSTALLATION **M** 1971 & ON 337 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 12 of 18)

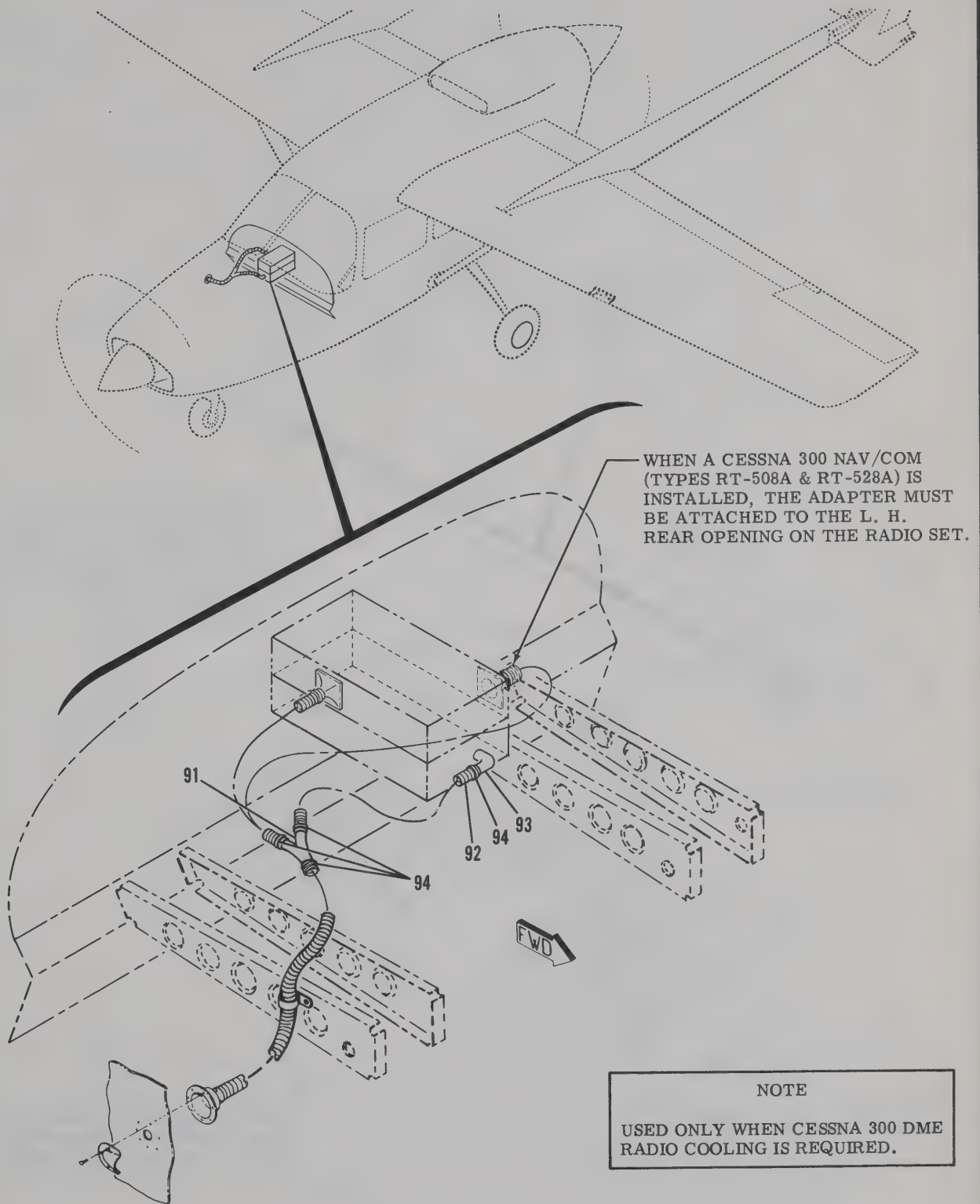
RADIO COOLING INSTALLATION



INSTALLATION **N** 1971 & ON 337 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 13 of 18)

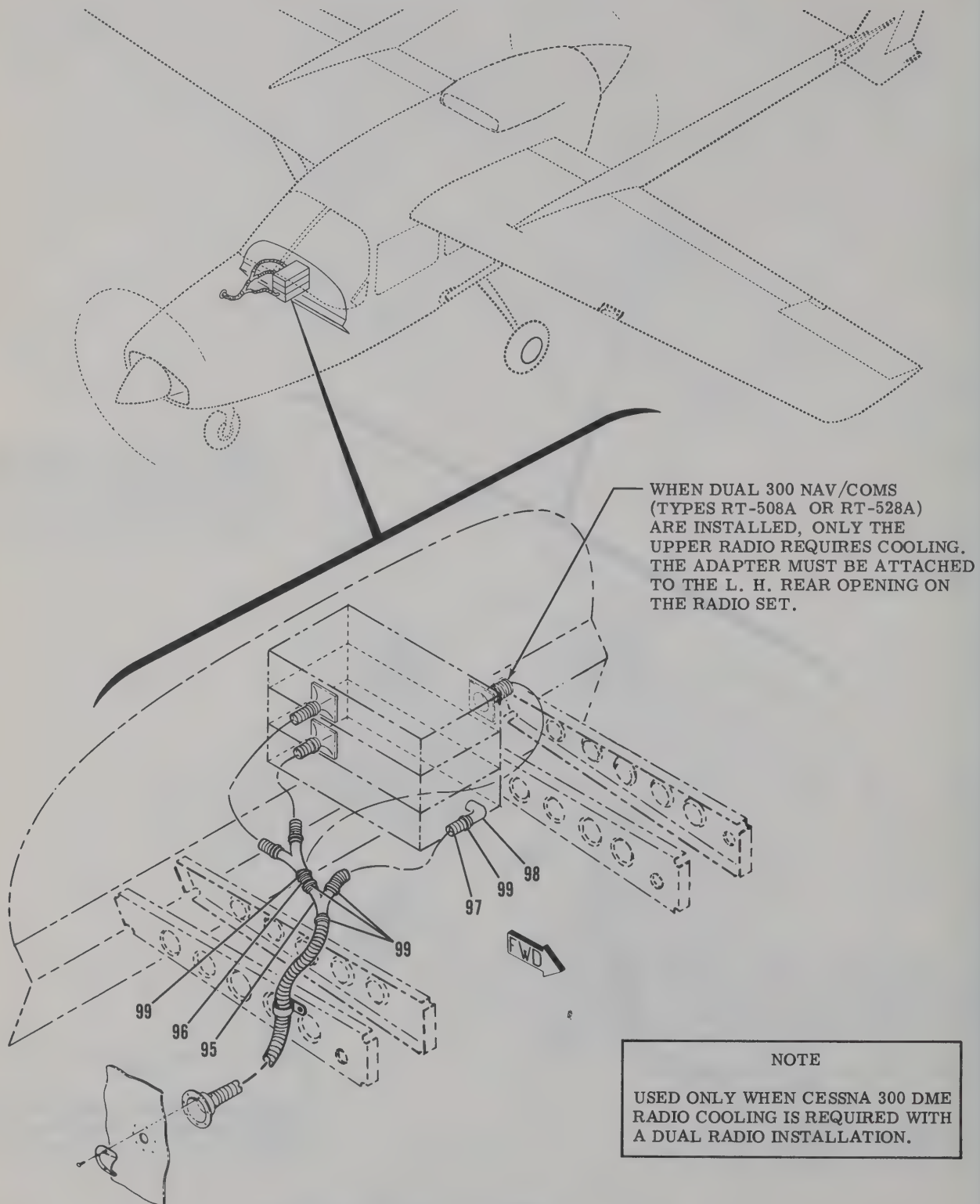
RADIO COOLING INSTALLATION



INSTALLATION **P** 1971 & ON 337 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 14 of 18)

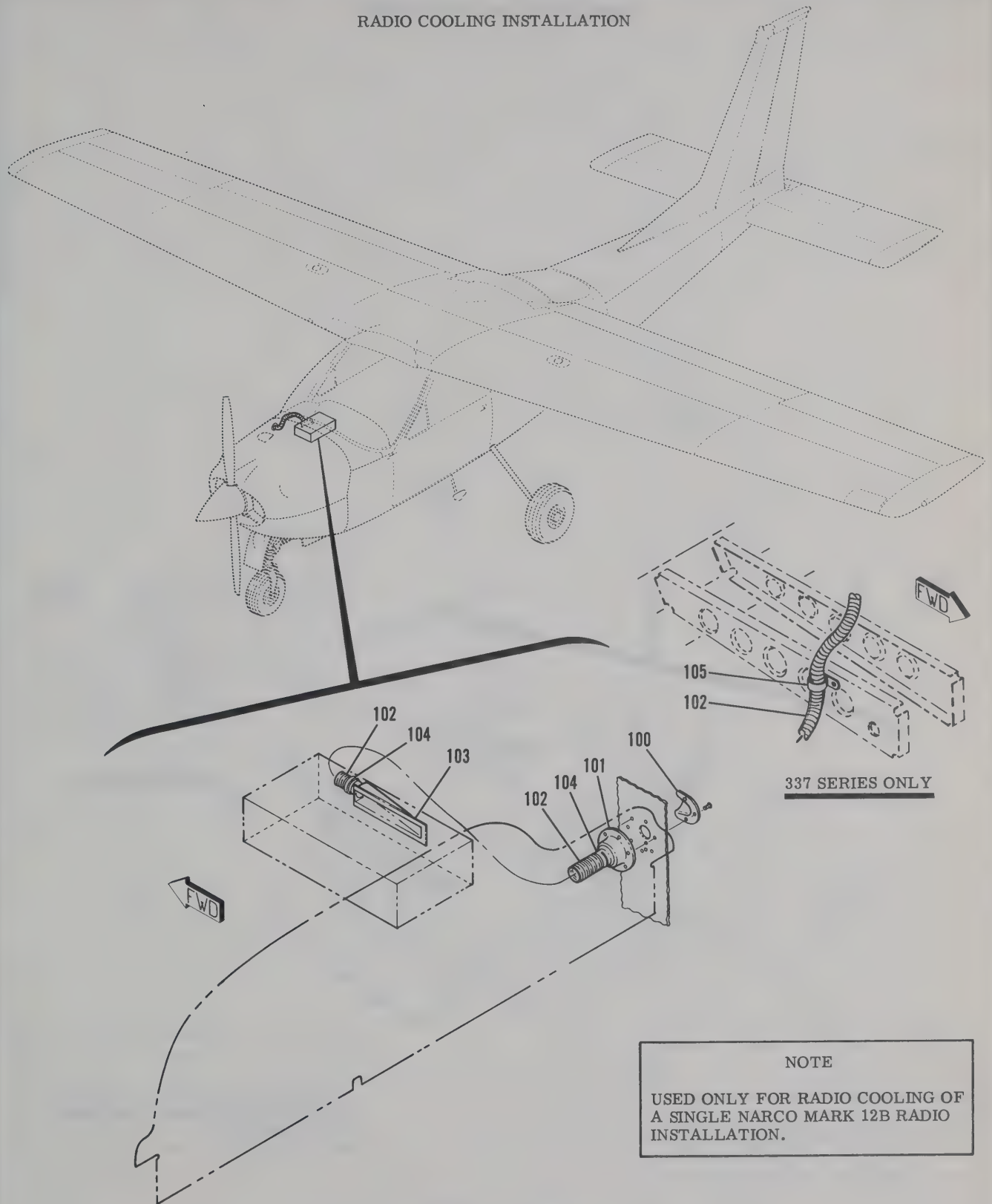
RADIO COOLING INSTALLATION



INSTALLATION **Q** 1971 & ON 337 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 15 of 18)

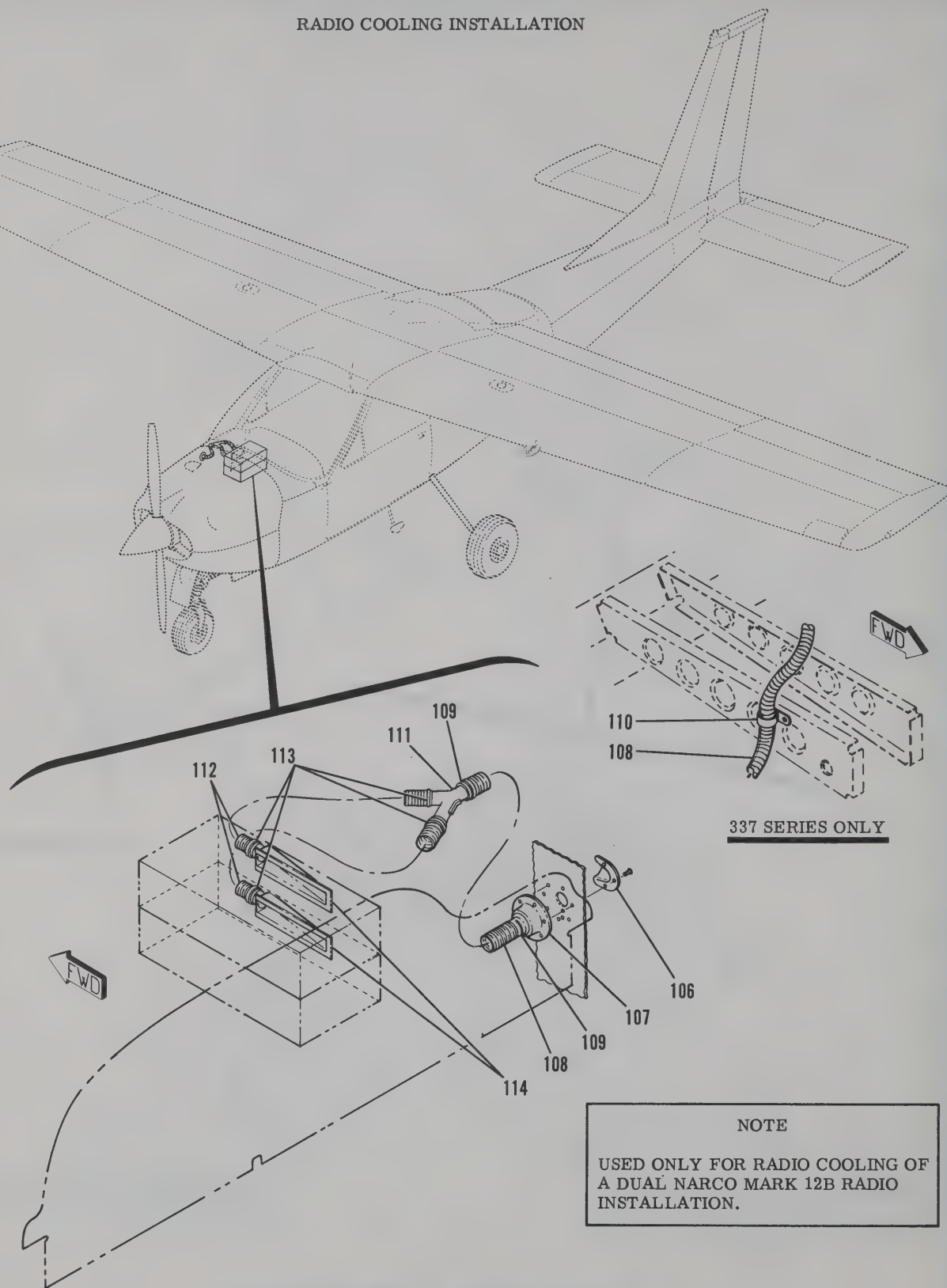
RADIO COOLING INSTALLATION



INSTALLATION R - ALL 1971 MODELS ONLY

Figure 5-1. Radio Cooling Installation (Sheet 16 of 18)

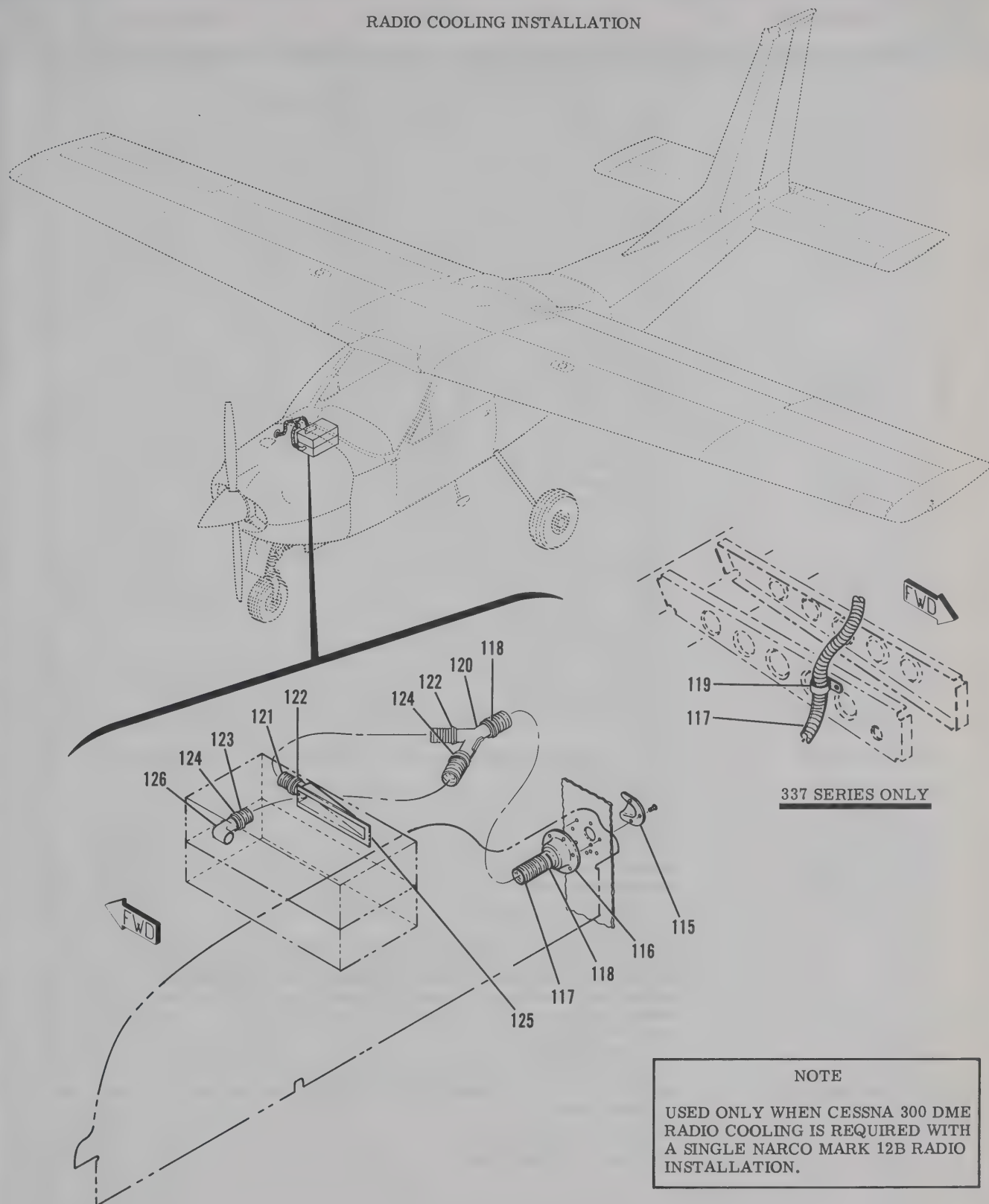
RADIO COOLING INSTALLATION



INSTALLATION S - ALL 1971 MODELS ONLY

Figure 5-1. Radio Cooling Installation (Sheet 17 of 18)

RADIO COOLING INSTALLATION



INSTALLATION T - ALL 1971 MODELS ONLY

Figure 5-1. Radio Cooling Installation (Sheet 18 of 18)

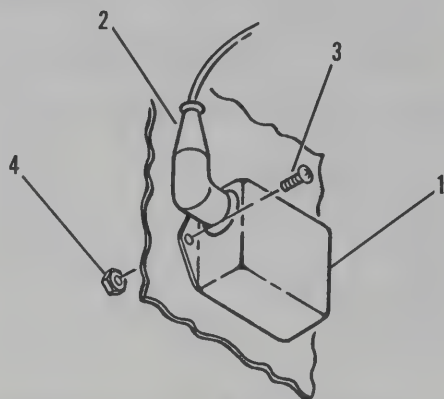
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
5-1 -		RADIO COOLING INSTALLATIONS -----	NP	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION A -----	NP	
		1969 182 MODELS AND THRU 1970 MODEL 206 SERIES & 210 SERIES ONLY		
- 1	1470219-1	SCOOP -----	2	
- 2	0770641-1	ADAPTER ASSY -----	2	
- 3	S1053E7T	HOSE 3 FEET REQD -----	1	
- 4	NAS397-16	CLAMP -----	4	
- 5	1470220-8	PLENUM CHAMBER ASSY-LH -----	1	
- 6	1470220-1	PLENUM CHAMBER ASSY-RH -----	1	
		ATTACHING PARTS		
- 7	1470221-2	SPRING -----	2	
- 8	1470222-1	CLIP -----	2	
		---*---		
- 9	S1053E7T	HOSE 3 FEET REQD -----	1	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION B -----	NP	
		1970 182 MODELS ONLY		
-10	1470219-1	SCOOP -----	2	
-11	0770641-1	ADAPTER ASSY -----	2	
-12	S1053E7T	HOSE 3 FEET REQD EACH SIDE -----	6FT	
		ATTACHING PARTS		
-13	NAS397-16	CLAMP -----	4	
		---*---		
-14	0570033-1	PLENUM CHAMBER ASSY -----	2	
		ATTACHING PARTS		
-15	1470221-2	SPRING -----	2	
		---*---		
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION C -----	NP	
		THRU 1970 337 SERIES ONLY		
-16	1470219-1	SCOOP -----	2	
-17	0770641-1	ADAPTER ASSY -----	2	
-18	S1053E7T	HOSE 3 FEET REQD EACH SIDE -----	6FT	
		ATTACHING PARTS		
-19	NAS397-16	CLAMP -----	4	
		---*---		
-20	MS21044N3	CLAMP ONE REQD EACH SIDE -----	2	
		ATTACHING PARTS		
	AN520-10R8C	SCREW -----	2	
	NAS679A3	NUT -----	2	
		---*---		
-21	1470220-1	PLENUM CHAMBER ASSY-RH -----	1	
		ATTACHING PARTS		
-22	1470220-4	SUPPORT ANGLE -----	1	
	S1021Z6-8	SCREW -----	1	
		---*---		
-23	1470220-8	PLENUM CHAMBER ASSY-LH -----	1	
		ATTACHING PARTS		
-24	1470220-5	SUPPORT ANGLE -----	1	
	S1021Z6-8	SCREW -----	1	
		---*---		
-25	1470064-1	CLIP-SPRING -----	2	
		CESSNA CRAFTED RADIO COOLING INSTALLATION D USED ONLY ---	NP	
		TO PROVIDE RADIO COOLING FOR RIGHT HAND LOCATED KING RADIOS OR CESSNA DME 300 RADIOS WHEN A FULL CENTER STACK HAS BEEN INSTALLED THRU 1970 182, 206 SERIES & 210 SERIES ONLY		
-26	0770729-1	TEE ADAPTER ASSY -----	1	
		ATTACHING PARTS		
-27	NAS397-14	CLAMP -----	2	
		---*---		
-28	150-0038-00	DUCTING KG SUPPLIED WITH CESSNA DME OR KING -----	NP	
		RADIOS ONLY		
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
5-1 -29	1221027-1	CESSNA CRAFTED RADIO COOLING INSTALLATION E 1970 & ON ---	NP	
-30	1221025-1	210 SERIES ONLY SCOOP FLANGE		
		SCOOP -----	1	
	AN960PD2	ATTACHING PARTS		
		WASHER -----	4	
		---*---		
-31	1200221-1	CONNECTOR -----	1	
		ATTACHING PARTS		
	AN960PD2	WASHER -----	16	
		---*---		
	MS20913-4D	PLUG USED WHEN OPTIONAL RADIO COOLING NOT INSTALLED ---	2	
-32	S1135-6	ELBOW -----	2	
-33	S1071-4	TUBE -----	2	
		ATTACHING PARTS		
	S1131-4	INSERT -----	2	
-34	S1130-4	NUT -----	2	
		---*---		
-35	S1134-4	UNION -----	2	
		ATTACHING PARTS		
-36	NAS549H1216	WASHER -----	2	
		---*---		
-37	1200406-152	TUBE ASSY -----	2	
-38	1221251-1	FITTING -----	1	
-39	1200406-151	TUBE ASSY-LH WING ONLY -----	1	
-40	1200406-154	TUBE ASSY-RH WING ONLY -----	1	
		ATTACHING PARTS		
-41	S1130-4	NUT -----	1	
		---*---		
-42	MS20819-8D	SLEEVE -----	1	
-43	AN818-8D	NUT -----	1	
-44	S1134-4	UNION -----	1	
		ATTACHING PARTS		
-45	NAS549H1216	WASHER -----	1	
		---*---		
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION F ALL -	NP	
		1971 & ON MODELS EXCEPT 210 SERIES AND 337 SERIES		
-46	1470219-1	SCOOP -----	1	
-47	0770641-1	ADAPTER ASSY -----	1	
-48	S1053E7T30.0	TUBING -----	1	
		ATTACHING PARTS		
-49	S1693-2	STA-STRAP -----	2	
		---*---		
-50	1713240-1	ADAPTER -----	1	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION G ALL -	NP	
		1971 & ON MODELS EXCEPT 210 SERIES AND 337 SERIES		
-51	1470219-1	SCOOP -----	1	
-52	0770641-1	ADAPTER ASSY -----	1	
-53	S1053E7T	TUBING -----	3FT	
-54	1713241-1	DUCT ASSY -----	1	
-55	S1053E7T	TUBING 2 PIECES 1 FOOT 6 INCHES EACH REQD -----	3FT	
-56	1713240-1	ADAPTER -----	2	
-57	S1693-2	STA-STRAP -----	6	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION H ALL --	NP	
		1971 & ON MODELS EXCEPT 210 SERIES & 337 SERIES		
-58	1713241-1	DUCT ASSY -----	1	
-59	S1053E7T	TUBING 2 FEET REQD -----	1	
-60	0770131-1	ANGLE ADAPTER -----	1	
-61	S1693-2	STA-STRAP -----	4	
		CONTINUED ON NEXT PAGE		

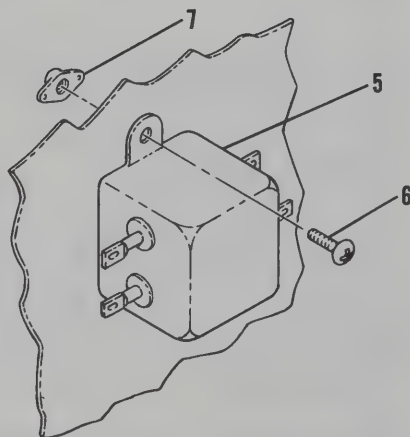
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
5-1 -		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION J 1971- & ON 210 SERIES ONLY	NP	
-62	1213361-2	SCOOP ASSY-RH -----	1	
-63	S1053E7T	TUBING 3 FEET REQD -----	1	
-64	1713240-1	ADAPTER -----	1	
-65	S1693-2	STA-STRAP -----	2	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION K 1971- & ON 210 SERIES ONLY	NP	
-66	1213361-2	SCOOP ASSY-RH -----	1	
-67	S1053E7T	TUBING 2 FEET REQD -----	1	
-68	1713241-1	DUCT ASSY -----	1	
-69	S1053E7T	TUBING 2 PIECES 1 FOOT 6 INCHES EACH REQD -----	3FT	
-70	1713240-1	ADAPTER -----	2	
-71	S1693-2	STA-STRAP -----	6	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION L 1971- & ON 210 SERIES ONLY	NP	
-72	1713241-3	DUCT ASSY -----	1	
-73	150-0038-00	FLEXIBLE TUBING KG SUPPLIED WITH CESSNA 300 DME OR- KING RADIOS ONLY	1	
-74	0770131-1	ELBOW ASSY -----	1	
-75	S1693-2	STA-STRAP -----	4	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION M 1971- & ON 337 SERIES ONLY	NP	
-76	1470219-1	SCOOP -----	1	
-77	0770641-1	ADAPTER ASSY -----	1	
-78	S1053E7T	TUBING 3 FEET REQD -----	1	
		ATTACHING PARTS		
-79	S1693-2	STA-STRAP -----	2	
-80	AN742D16	CLAMP -----	1	
	AN52010R8C	SCREW -----	1	
	MS21044N3	NUT -----	1	
		---*---		
-81	1713240-1	ADAPTER -----	1	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION N 1971- & ON 337 SERIES ONLY	NP	
-82	1470219-1	SCOOP -----	1	
-83	0770641-1	ADAPTER ASSY -----	1	
-84	S1053E7T	TUBING 2 FEET REQD -----	1	
		ATTACHING PARTS		
-85	S1693-2	STA-STRAP -----	2	
-86	AN742D16	CLAMP -----	1	
	AN520-10R8C	SCREW -----	1	
	MS21044N3	NUT -----	1	
		---*---		
-87	1713241-1	DUCT ASSY -----	1	
-88	S1053E7T	TUBING 2 PIECES 1 FOOT EACH REQD -----	2FT	
-89	1713240-1	ADAPTER -----	2	
-90	S1693-2	STA-STRAP -----	4	
		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION P 1971- & ON 337 SERIES ONLY	NP	
-91	1713241-3	DUCT ASSY -----	1	
-92	150-0038-00	FLEXIBLE TUBING KG SUPPLIED WITH CESSNA 300 DME OR- KING RADIOS ONLY	1	
-93	0770131-1	ELBOW ASSY -----	1	
-94	S1693-2	STA-STRAP -----	4	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
5-1 -		CESSNA CRAFTED NON-TSO RADIO COOLING INSTALLATION Q 1971- & ON 337 SERIES ONLY	NP	
-95	1713241-3	DUCT ASSY -----	1	
-96	S1053E7T	TUBING 1 FOOT REQD -----	1	
-97	150-0038-00	FLEXIBLE TUBING KG SUPPLIED WITH CESSNA DME OR --- KING RADIOS ONLY	1	
-98	0770131-1	ELBOW ASSY -----	1	
-99	S1693-2	STA-STRAP -----	5	
		NARCO MARK 12B NON-TSO RADIO COOLING INSTALLATION R ALL - 1971 & ON MODELS	NP	
-100	1470219-1	SCOOP -----	1	
-101	0770641-1	ADAPTER ASSY -----	1	
-102	S1053E7T	TUBING 4 FEET REQD -----	1	
-103	1713252-1	NOZZLE ASSY -----	1	
-104	S1693-2	STA-STRAP -----	2	
-105	AN742D16	CLAMP USED ON 337 SERIES ONLY ----- ATTACHING PARTS	1	
	AN520-10R8C	SCREW -----	1	
	MS21044N3	NUT -----	1	
		---*---		
		DUAL NARCO MARK 12B NON-TSO RADIO COOLING INSTALLATIONS -----	NP	
		ALL 1971 & ON MODELS		
-106	1470219-1	SCOOP -----	1	
-107	0770641-1	ADAPTER ASSY -----	1	
-108	S1053E7T	TUBING 3 FEET REQD -----	1	
		ATTACHING PARTS		
-109	S1693-2	STA-STRAP -----	2	
		---*---		
-110	AN742D16	CLAMP USED ON 337 SERIES ONLY ----- ATTACHING PARTS	1	
	AN520-10R8C	SCREW -----	1	
	MS21044N3	NUT -----	1	
		---*---		
-111	1713241-1	DUCT ASSY -----	1	
-112	S1053E7T	TUBING 2 PIECES 2 FEET EACH REQD -----	4FT	
		ATTACHING PARTS		
-113	S1693-2	STA-STRAP -----	4	
		---*---		
-114	1713252-1	NOZZLE ASSY -----	2	
		CESSNA CRAFTED 300 DME & NARCO MARK 12B NON-TSO RADIO -----	NP	
		COOLING INSTALLATION T ALL 1971 & ON MODELS		
-115	1470219-1	SCOOP -----	1	
-116	0770641-1	ADAPTER ASSY -----	1	
-117	S1053E7T	TUBING 3 FEET REQD -----	1	
		ATTACHING PARTS		
-118	S1693-2	STA-STRAP -----	1	
		---*---		
-119	AN742D16	CLAMP USED ON 337 SERIES ONLY ----- ATTACHING PARTS	1	
	AN520-10R8C	SCREW -----	1	
	MS21044N3	NUT -----	1	
		---*---		
-120	1713241-3	DUCT ASSY -----	1	
-121	S1053E7T	TUBING 2 FEET REQD -----	1	
		ATTACHING PARTS		
-122	S1693-2	STA-STRAP -----	2	
		---*---		
-123	150-0038-00	FLEXIBLE TUBING KG SUPPLIED WITH CESSNA 300 DME OR- KING RADIOS ONLY	1	
		ATTACHING PARTS		
-124	S1693-2	STA-STRAP -----	2	
		---*---		
-125	1713252-1	NOZZLE ASSY -----	1	
-126	0770131-1	ELBOW ASSY -----	1	

RADIO NOISE FILTER INSTALLATIONS



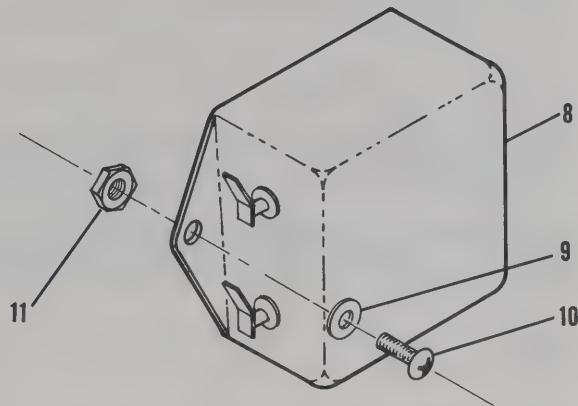
INSTALLATION **A**



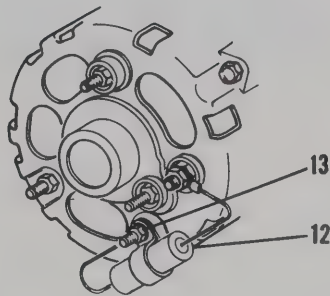
INSTALLATION **B**

Figure 5-2. Radio Noise Filter Installations (Sheet 1 of 2)

RADIO NOISE FILTER INSTALLATIONS



INSTALLATION C



INSTALLATION D

Figure 5-2. Radio Noise Filter Installations (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
5-2 -		RADIO NOISE FILTER INSTALLATIONS -----	NP	
		INSTALLATION A ALTERNATOR FILTER SOME EARLY -----	NP	
- 1	0770038-2	AIRCRAFT ONLY		
		CONDENSER-RADIO NOISE WIRES NOT FURNISHED -----	1	
- 2	NAS446-4-3	2 REQD FOR 337 & T337		
		NIPPLE -----	1	
- 3	AN515-8R8	ATTACHING PARTS		
- 4	NAS679A08	SCREW -----	2	
		NUT SOME AIRCRAFT -----	2	
		---*---		
		INSTALLATION B COWL FLAP NOISE FILTER-337 & T337 ONLY ---	NP	
- 5	A-374A	FILTER CTAT -----	2	
		ATTACHING PARTS		
- 6	AN515-6R8	SCREW -----	4	
- 7	NAS697A06L	NUTPLATE -----	4	
		---*---		
		INSTALLATION C FLAP ACTUATOR NOISE FILTER -----	NP	A
- 8	S1732-1	FILTER USED ONLY WITH C301001-0303 FLAP MOTOR ASSY -----	1	A
		THRU 1969 MODELS & EARLY 1970 MODELS ONLY		
		ATTACHING PARTS		
- 9	AN960-8L	WASHER -----	2	A
-10	0500062	SCREW -----	2	A
-11	NAS679A08	NUT 210 SERIES ONLY -----	2	A
		---*---		
		INSTALLATION D ALTERNATOR FILTER -----	NP	
-12	S1915-1	CAPACITOR-ALTERNATOR FILTER -----	1	
		ATTACHING PARTS		
-13	AN340-10	NUT -----	1	
	S1450-3-10-032	WASHER -----	1	
		---*---		
		A---182 SERIAL 18259346 THRU 18260067		
		A182 SERIAL A182-0057 THRU A182-0116		
		P206 SERIAL P206-0520 THRU P20600607		
		TP206 SERIAL TP206-0520 THRU TP20600607		
		210 SERIAL 21059062 THRU 21059205		
		T210 SERIAL T210-0393 THRU T21059205		
		337 SERIAL 337-0979 THRU 33701271		
		F337 SERIAL F33700001 THRU F33700013		
		T337 SERIAL T337-0979 THRU T33701271		
		FT337 SERIAL FT33700001 THRU FT33700013		

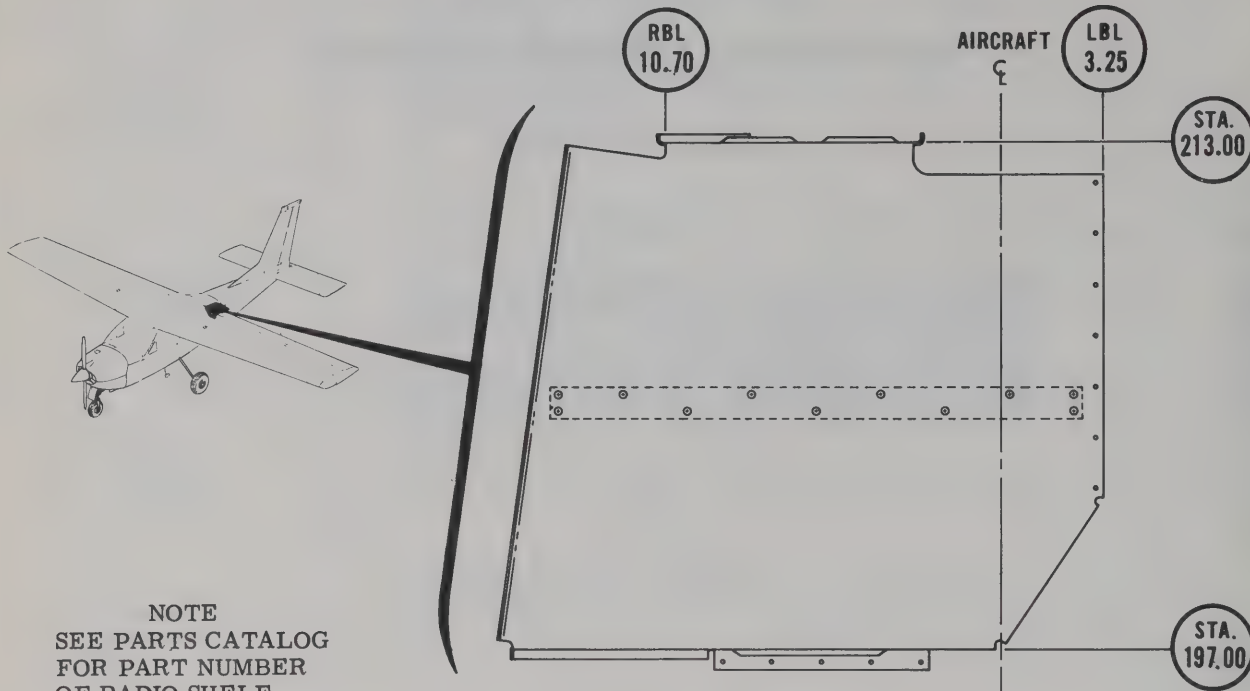
SECTION VI

ELECTRONIC LOADING CHARTS

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Figure	Equipment	Page
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6-2	Electronic Loading Chart - Thru 1970 Model 182 Only	6-4
6-3	Electronic Loading Chart - 1971 & On Model 182 Only	6-6
6-4	Electronic Loading Chart - Model 206 Series Only	6-8
6-5	Electronic Loading Chart - 1969 Model 210 Series Only	6-9
6-6	Electronic Loading Chart - 1970 & On Model 210 Series Only	6-11

177RG SERIAL 177RG0001 & ON F177RG SERIAL F177RG0001 & ON



EQUIPMENT	FWD INBD ATTACH POINT		AFT INBD ATTACH POINT		COMPONENT WEIGHT	LOCATION
	B. L.	STA.	B. L.	STA.		
CESSNA						
300 HF TRANSCEIVER POWER SUPPLY	9.10 (R)	197.70	9.10 (R)	206.45	8.6#	Position #1
300 TRANSPONDER POWER SUPPLY	1.15 (L)	199.42	1.15 (L)	208.17	6.0#	Position #1
400 GLIDE SLOPE RECEIVER (R-543B)	3.75 (R)	210.40	3.75 (R)	211.90	2.9#	Position #1
400 TRANSCEIVER (RTA-532B-1) POWER SUPPLY OR 400 NAV/COM (RTA-532B-1) POWER SUPPLY	12.35 (R)	197.65	12.35 (R)	201.77	2.2#	Position #1
	9.30 (R)	197.65	9.30 (R)	201.77	2.2#	Position #2
400 TRANSPONDER POWER SUPPLY	1.60 (L)	200.04	1.60 (L)	208.54	6.0#	Position #1

Figure 6-1. Electronic Loading Chart - Model 177RG - Standard Locations (Sheet 1 of 2)

ELECTRONICS MANUAL

EQUIPMENT	FWD INBD ATTACH POINT		AFT INBD ATTACH POINT		COMPONENT WEIGHT	LOCATION
	B. L.	STA.	B. L.	STA.		
NARCO						
T12MP-12A-1	5.95 (R)	197.58	5.95 (R)	203.08	4.1#	Position #1
POWER SUPPLY	4.70 (R)	197.58	4.70 (R)	203.08	4.1#	Position #2
UGR-2 RECEIVER	5.95 (R)	209.67	5.95 (R)	212.94	2.9	Position #1
SUNAIR						
99682 POWER SUPPLY	2.12 (R)	199.31	2.12 (R)	206.31	8.0#	Position #1

Figure 6-1. Electronic Loading Chart - Model 177RG - Standard Locations (Sheet 2 of 2)

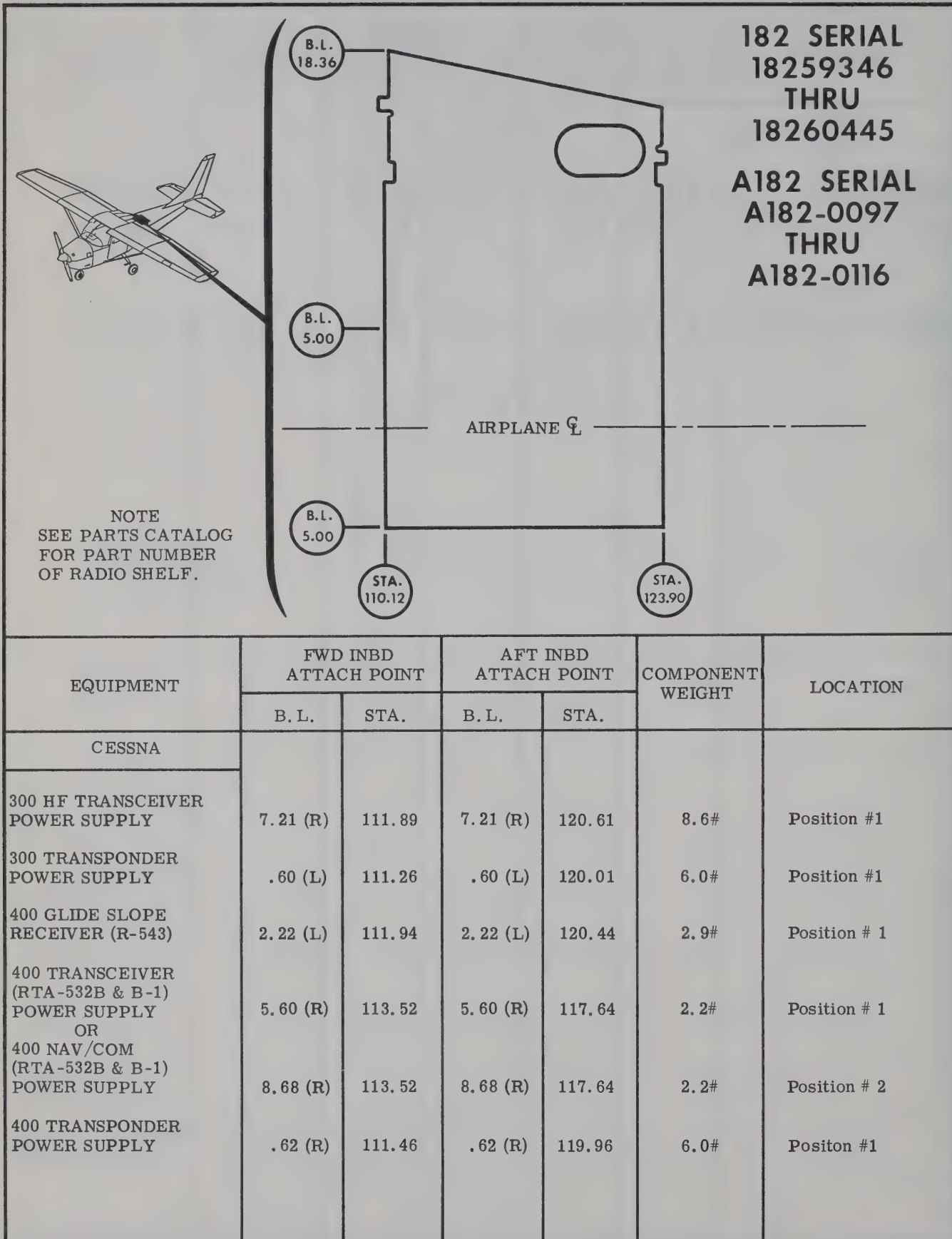


Figure 6-2. Electronic Loading Chart - Model 182 - Standard Locations (Sheet 1 of 2)

ELECTRONICS MANUAL

EQUIPMENT	FWD INBD ATTACH POINT		AFT INBD ATTACH POINT		COMPONENT WEIGHT	LOCATION
	B. L.	STA.	B. L.	STA.		
NARCO						
T12MP-12A POWER SUPPLY	7.6 (R)	112.0	7.6 (R)	117.5	4.1#	Position # 2
T12MP-12A POWER SUPPLY	12.4 (R)	112.0	12.4 (R)	117.5	4.1#	Position # 1
UGR-2 RECEIVER	1.7 (L)	116.6	1.7 (L)	123.4	2.9#	Position # 1
SUNAIR						
99682 POWER SUPPLY	7.34 (R)	111.89	7.34 (R)	118.89	8.0#	Position # 1

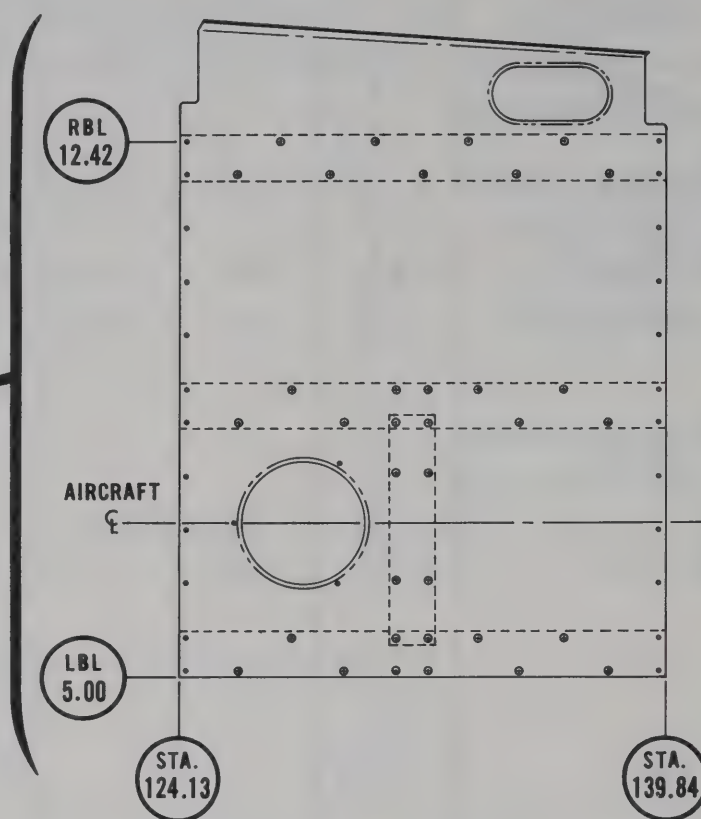
Figure 6-2. Electronic Loading Chart - Model 182 - Standard Locations (Sheet 2 of 2)

**182 SERIAL
18260446 & ON**

**A182 SERIAL
A182-0117 & ON**



NOTE
SEE PARTS CATALOG
FOR PART NUMBER
OF RADIO SHELF.



EQUIPMENT	FWD INBD ATTACH POINT		AFT INBD ATTACH POINT		COMPONENT WEIGHT	LOCATION
	B. L.	STA.	B. L.	STA.		
CESSNA						
300 HF TRANSCEIVER POWER SUPPLY	7.20 (R)	125.89	7.20 (R)	134.61	8.6#	Position #1
300 TRANSPONDER POWER SUPPLY	.60 (L)	125.33	.60 (L)	134.08	6.0#	Position #1
400 GLIDE SLOPE RECEIVER (R-543)	2.22 (L)	111.94	2.22 (L)	120.44	2.9#	Position #1
400 TRANSCEIVER (RTA-532B-1) POWER SUPPLY OR 400 NAV/COM (RTA-532B-1) POWER SUPPLY	5.60 (R)	127.53	5.60 (R)	131.65	2.2#	Position #1
	8.68 (R)	127.53	8.68 (R)	131.65	2.2#	Position #2
400 TRANSPONDER POWER SUPPLY	.54 (R)	125.53	.54 (R)	134.03	6.0#	Position #1

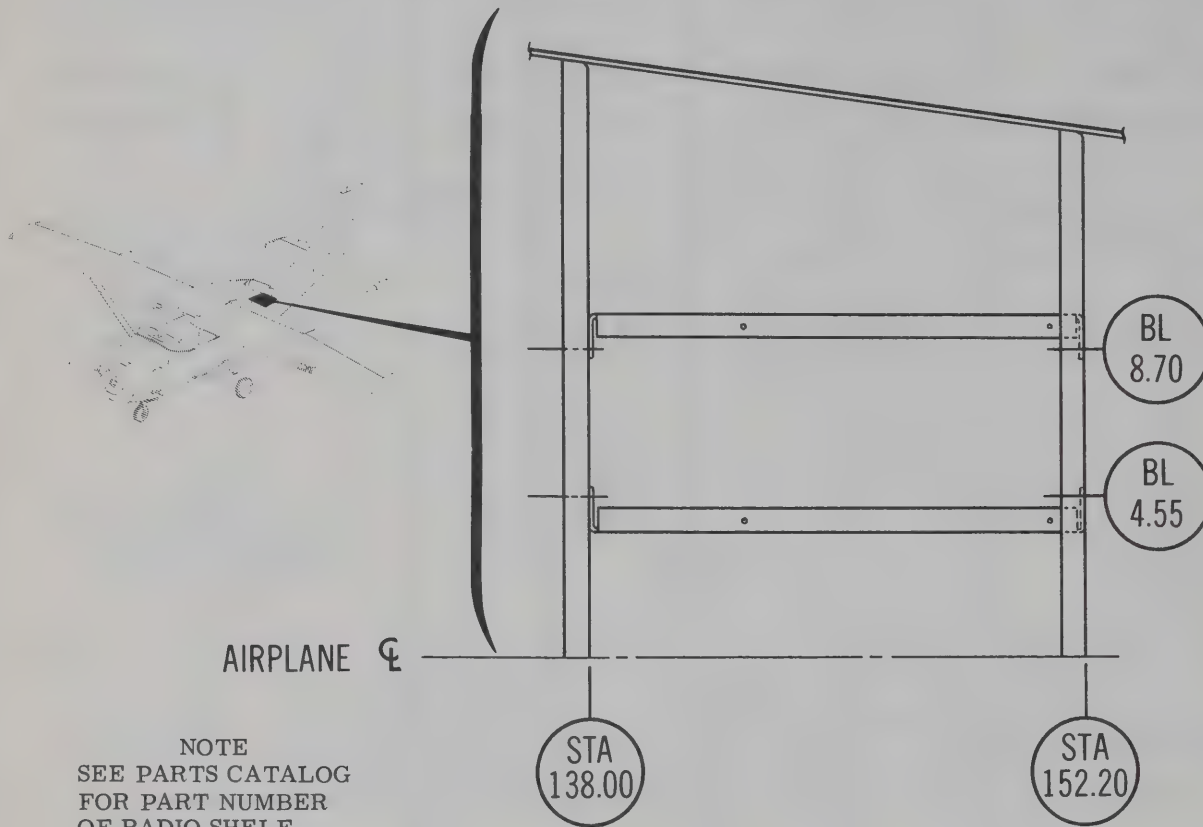
Figure 6-3. Electronic Loading Chart - Model 182 - Standard Locations (Sheet 1 of 2)

ELECTRONICS MANUAL

EQUIPMENT	FWD INBD ATTACH POINT		AFT INBD ATTACH POINT		COMPONENT WEIGHT	LOCATION
	B.L.	STA.	B.L.	STA.		
NARCO						
T12MP-12B POWER SUPPLY	10.18 (R)	126.03	10.18 (R)	131.53	4.1#	Position #1
T12MP-12B POWER SUPPLY	5.43 (R)	126.13	5.43 (R)	131.63	4.1#	Position #2
UGR-2 RECEIVER	1.75 (L)	130.62	1.75 (L)	137.49	2.9#	Position #1
SUNAIR						
99682 POWER SUPPLY	7.33 (R)	125.89	7.33 (R)	132.89	8.0#	Position #1

Figure 6-3. Electronic Loading Chart - Model 182 - Standard Locations (Sheet 2 of 2)

**U206 SERIAL U20601588 & ON
P206 SERIAL P206-0520 THRU P20600648
TP206 SERIAL TP206-0520 THRU TP20600648**



EQUIPMENT	FWD INBD ATTACH POINT		AFT INBD ATTACH POINT		COMPONENT WEIGHT	LOCATION
	B. L.	STA.	B. L.	STA.		
CESSNA						
300 TRANSPONDER POWER SUPPLY	4.0 (R)	142.45	4.0 (R)	151.20	6.0#	Position # 1

Figure 6-4. Electronic Loading Chart - Model 206 Series - RH Auxiliary Locations

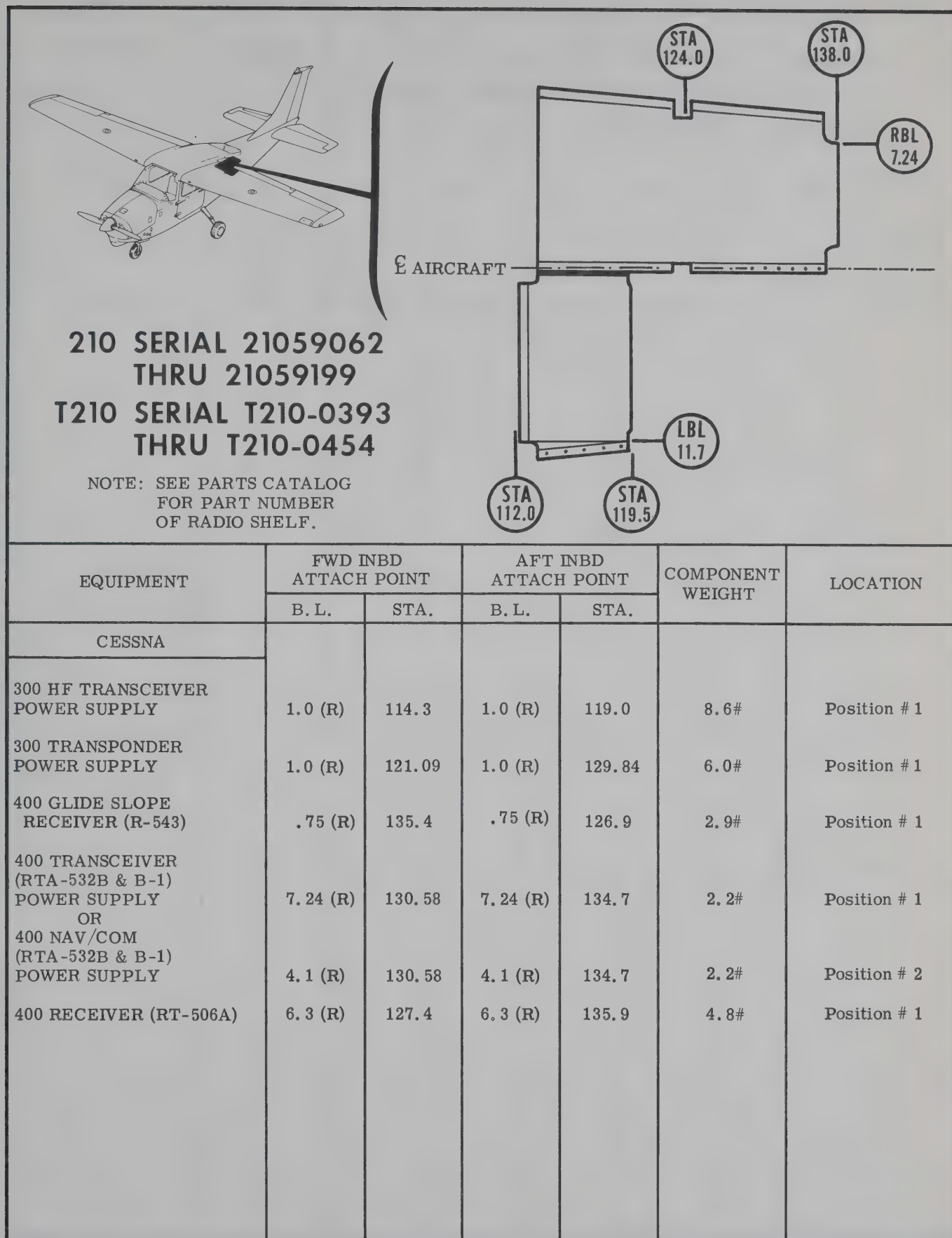


Figure 6-5. Electronic Loading Chart - Model 210 Series - Standard Locations (Sheet 1 of 2)

ELECTRONICS MANUAL

EQUIPMENT	FWD INBD ATTACH POINT		AFT INBD ATTACH POINT		COMPONENT WEIGHT	LOCATION
	B. L.	STA.	B. L.	STA.		
NARCO						
T12MP-12A POWER SUPPLY	5.7 (R)	124.8	5.7 (R)	130.3	4.1#	Position # 1
T12MP-12A POWER SUPPLY	.7 (R)	124.8	.7 (R)	130.3	4.1#	Position # 2
UGR-2 GLIDE SLOPE RECEIVER	8.75 (R)	125.87	8.75 (R)	132.74	2.9#	Position # 1

Figure 6-5. Electronic Loading Chart - Model 210 Series - Standard Locations (Sheet 2 of 2)

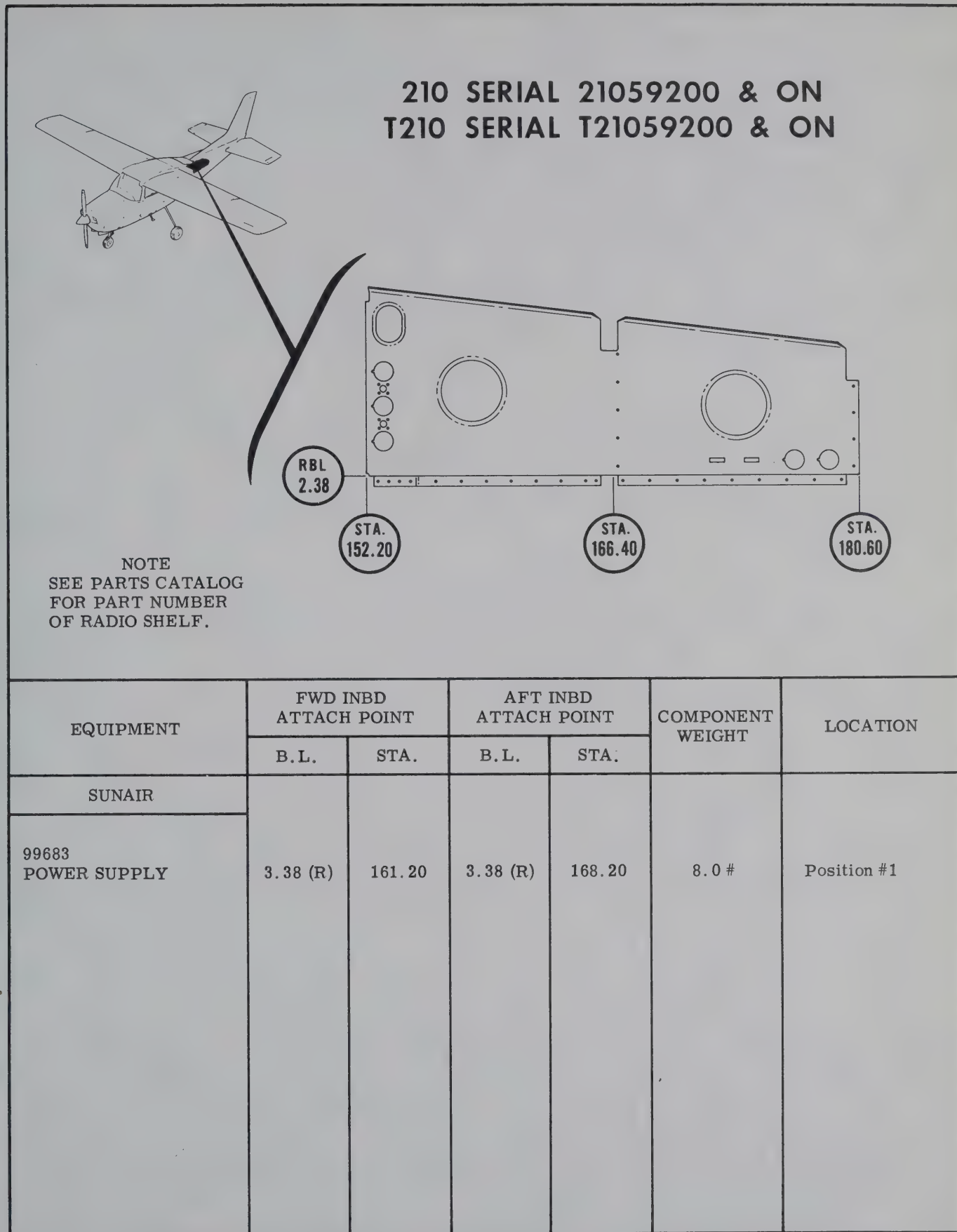


Figure 6-6. Electronic Loading Chart - Model 210 Series - RH Auxiliary Locations

THE RADIO DIAGRAMS ARE DIVIDED INTO MODELS AS FOLLOWS

SECTION VII

THUMB INDEX

ELECTRONIC WIRING DIAGRAMS

MODEL 177RG
MODEL F177RG
(12 Volt System)

MODEL 182
MODEL A182
(12 Volt System)

MODEL P206
MODEL TP206
MODEL U206
(12 Volt System)

MODEL 210
MODEL T210
1969 MODELS ONLY
(12 Volt System)

MODEL 210
MODEL T210
1970 THRU 1971
MODELS ONLY
(12 Volt System)

MODEL 210
MODEL T210
1972 MODELS & ON
(24 Volt System)

MODEL 337
MODEL T337
MODEL F337
MODEL FT337
(24 Volt System)

NOTE

The page numbering method in this section differs from that of the rest of the book. However, each model section begins with an index of diagrams contained therein, which will facilitate locating any particular diagram.

NOTES

1. WIRE CODE DESIGNATIONS PER CES 1100.
2. WIRE CODE APPLICATION AND WIRE LENGTH TOLERANCES PER CES 1015.
3. "S" SUFFIX ON WIRE GAUGE IN WIRE TABLE DENOTES SHIELDED WIRE.
"DS" SUFFIX ON WIRE GAUGE IN WIRE TABLE DENOTES A DOUBLE-SHIELDED WIRE PER S-1462.
4. NON-SHIELDED WIRES TO BE PER S-1460 WHITE. WIRES 10-GAUGE AND LARGER TO BE TYPE II CONSTRUCTION.
5. SHIELDED WIRES TO BE PER S-1461 WHITE, UNLESS DESIGNATED OTHERWISE BY NOTE ON THE FIELD OF THE WIRING DIAGRAM.
6. PART NUMBERS SHOWN IN THE "EQUIPMENT TABLE" OF THE VARIOUS PAGES ARE FOR REFERENCE ONLY, AND DO NOT CONSTITUTE A MATERIAL REQUIREMENT UNLESS SPECIFICALLY NOTED ON THE INDIVIDUAL PAGE. REFER TO THE VARIOUS EQUIPMENT INSTALLATION DRAWINGS FOR VERIFICATION OF PART NUMBERS.
7. EQUIPMENT PART NUMBERS SHOWN ON THE VARIOUS PAGES THAT ARE FOR REFERENCE ONLY, (SEE NOTE 6), WILL NOT BE CHANGED UNLESS IT AFFECTS WIRE TERMINALS AND FABRICATION.
8. VENDOR CODES PER S-1400. VENDOR CODES ARE SHOWN IN PARENTHESIS.
9. WIRES NOTED HEREIN AS ("OPT") ARE OPTIONAL TO THE STANDARD AIRPLANE.
10. ALL WIRES NOT SPECIFIED AS ("OPT") ARE TO BE INSTALLED AS STANDARD EQUIPMENT. THE AIRPLANE ASSEMBLY WILL SPECIFY THE ADDITIONAL EQUIPMENT REQUIRED FOR DELUXE VERSIONS.
11. WHEN ("OPT") IS USED IN THE TITLE BLOCK OF A DIAGRAM, ALL WIRES SHOWN THEREIN ARE OPTIONAL EXCEPT WHERE NOTED AS ("STD").

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	177RG SERIAL 177RG0001 & ON F177RG SERIAL F177RG0001 & ON		
2.1.0	Radio Speaker, Phone Jack, Mike, Light Rheostat & Power Circuits	3-1-71	NC
2.1.1	Schematic Diagram - Audio Junction Box, Internal Wiring	3-1-71	NC
2.1.2	Map Light & Mike Key Control Wheel	3-1-71	NC
2.3.1	Wiring Diagram - Cessna 300R Nav/Com, VOR (ARC Type RT-508A & RT-528A)	3-1-71	NC
2.3.2	Wiring Diagram - Cessna 300R Nav/Com, VOR (ARC Type RT-508A & RT-528A)	3-1-71	NC
2.3.3	Wiring Diagram - Cessna 300R Nav/Com, VOR/ILS (ARC Type RT-528A)	9-29-71	A
2.3.4	Wiring Diagram - Cessna 300R Nav/Com, VOR/ILS (ARC Type RT-528A)	3-1-71	NC
2.3.5	Wiring Diagram - Cessna 400 Glideslope (ARC Type R-543B)	9-29-71	A
2.3.6	Wiring Diagram - Cessna 400 Glideslope (ARC Type R-543B)	9-29-71	A
2.6.1	Wiring Diagram - Audio Selector Switch	3-1-71	NC
2.6.2	Wiring Diagram - Omni Audio Switch	3-1-71	NC
2.6.3	Wiring Diagram - Transmitter Selector Switch	9-29-71	A
2.8.1	Wiring Diagram - Cessna 300 DME	3-1-71	NC
2.9.2	Wiring Diagram - Cessna 300 Marker Beacon (ARC Type R-502B)	3-1-71	NC
2.9.3	Wiring Diagram - Cessna 300 Marker Beacon (ARC Type R-502B)	3-1-71	NC
2.10.0	Wiring Diagram - Cessna 300 ADF (ARC Type 521B)	9-24-71	NC-Inac
2.11.1	Wiring Diagram - Audio Amplifier (King KA-25C)	3-1-71	NC
2.12.2	Wiring Diagram - Cessna 300 HF (Pantronics PT-10A)	9-29-71	A
2.12.3	Wiring Diagram - Cessna 300 HF (Pantronics PT-10A)	9-29-71	A
2.13.2	Wiring Diagram - Cessna 300 Xponder	9-29-71	A
2.13.3	Wiring Diagram - Cessna 300 Xponder	3-1-71	NC
2.14.1	Wiring Diagram - Cessna 400 ADF (ARC Type 324A)	9-24-71	A-Inac
		DRAWING NO.	
TITLE: RADIO WIRING DIAGRAMS MODEL 177RG		2070000	
DATE: 15 April 1972		PAGE: 1 of 3	
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.			

2070000

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2.15.2	Wiring Diagram - Cessna 400 Transceiver (ARC Type R-532A)	3-3-71	NC
2.15.4	Wiring Diagram - Cessna 400 Nav/Com (ARC Type RT-522A)	3-3-71	NC
2.15.5	Wiring Diagram - Cessna 400 Nav/Com (ARC Type RT-522A)	3-3-71	NC
2.15.6	Wiring Diagram - Cessna 400 Nav/Com (ARC Type RT-522A)	3-3-71	NC
2.15.7	Wiring Diagram - Cessna 400 Nav/Com (ARC Type RT-522A)	3-3-71	NC
2.16.1	Wiring Diagram - Cessna 400 Xponder (ARC Type R-506A)	3-1-71	NC
2.16.2	Wiring Diagram - Cessna 400 Xponder (ARC Type R-506A)	3-1-71	NC
2.17.1	Wiring Diagram - Sunair SSB H. F. (ASB-125)	3-1-71	NC
2.17.2	Wiring Diagram - Sunair SSB H. F. (ASB-125)	3-1-71	NC
2.18.1	Wiring Diagram - Narco Mark 12B with VOA-40 Indicator	3-1-71	NC
2.18.2	Wiring Diagram - Narco Mark 12B with VOA-40 Indicator	3-1-71	NC
2.19.1	Wiring Diagram - Narco Mark 12B with VOA-50M	3-1-71	NC
2.19.2	Wiring Diagram - Narco Mark 12B with VOA-50M	3-1-71	NC
2.19.3	Wiring Diagram - Narco Mark 12B with VOA-50M	3-1-71	NC
2.20.1	Wiring Diagram - Cessna 300 Marker Beacon (ARC Type R-502B) with VOA-50M Indicator	3-1-71	NC
2.20.2	Wiring Diagram - Cessna 300 Marker Beacon (ARC Type R-502B) with VOA-50M Indicator	3-1-71	NC
2.21.1	Wiring Diagram - UGR-2 G/S Receiver with Narco Mark 12B and VOA-50M Indicator	9-29-71	A
2.21.2	Wiring Diagram - UGR-2 G/S Receiver with Narco Mark 12B and VOA-50M Indicator	9-29-71	A
2.22.1	Wiring Diagram - Cessna 400 G/S Receiver (ARC Type R-543B) with Cessna 400 Nav/Com (ARC Type RT-522A)	3-1-71	NC



TITLE: RADIO WIRING DIAGRAMS
MODEL 177RG

DRAWING NO.

2070000

DATE: 15 April 1972

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CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

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2.25.1	Cessna 300 & 400 Digital ADF (ARC Type R-546 & R346)	9-24-71	NC
	DRAWING NUMBER 2070001		
14.2.0	Cessna 300 Nav-O-Matic Autopilot (14-Volt)	3-1-71	A
14.2.1	Cessna 300 Nav-O-Matic Autopilot (14-Volt)	3-1-71	A
14.2.2	Cessna 300 Nav-O-Matic Autopilot (14-Volt)	3-1-71	A



TITLE: RADIO WIRING DIAGRAMS
MODEL 177RG

DRAWING NO.
2070000

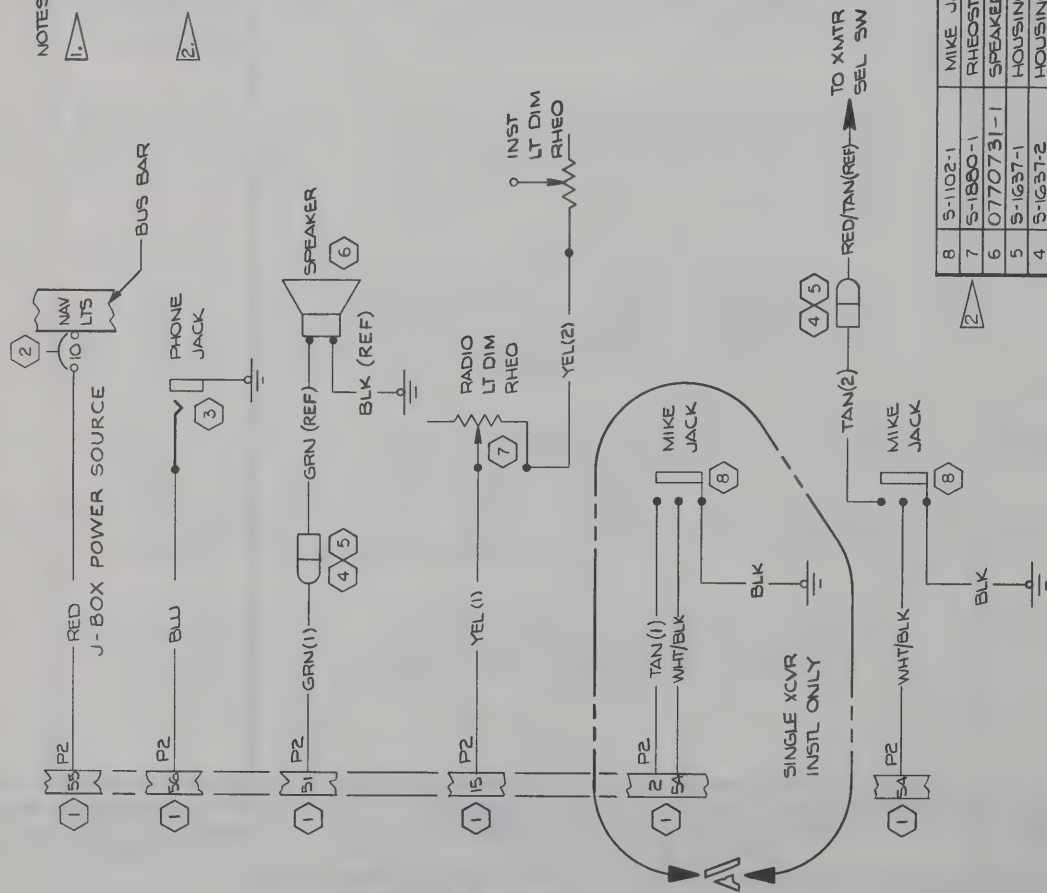
DATE: 15 April 1972

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CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

LET	DESCRIPTION	DATE	APPD

- NOTES:
- WIRE TO BE OF SUFFICIENT LENGTH TO ALLOW CONNECTION TO ANY POSSIBLE RADIO COMBINATION. TERMINAL TO ATTACH WIRE AS REQD BY VARIOUS RADIO INSTL. THIS RHEOSTAT CAN BE S-1880-2 OR S-1880-5 AS REQD BY RADIO LT REQUIREMENTS
 -



DETAIL ALL
DUAL XCVR INSTL

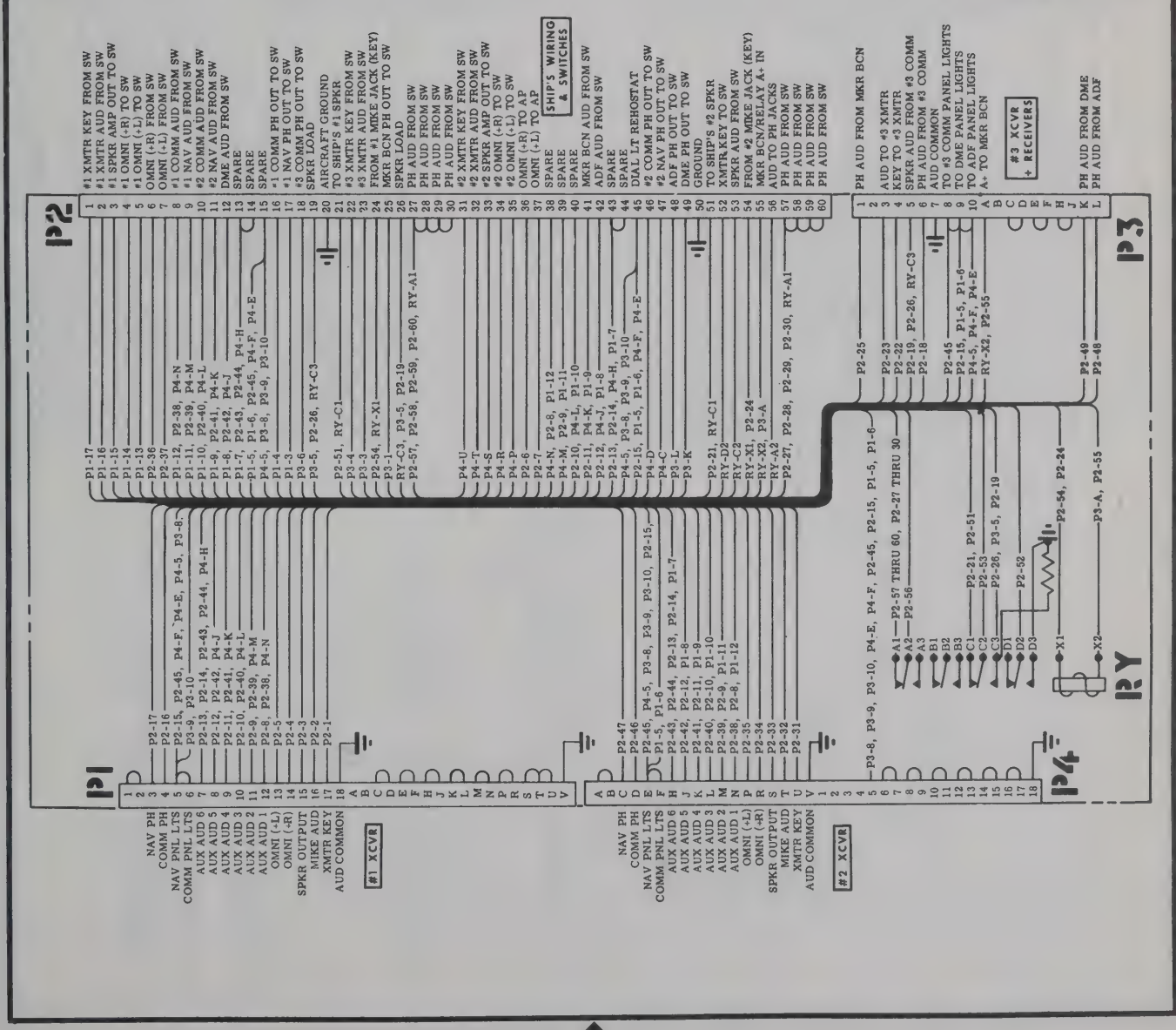
ITEM NO.	DESCRIPTION	PART NO.	QUANTITY	REMARKS
8	S-1102-1	MIKE JACK	7.3.0	
7	S-1880-1	RHEOSTAT	7.9.0	
6	0770731-1	SPEAKER	7.1.0	
5	S-1637-1	HOUSING-CAP		
4	S-1637-2	HOUSING-PLUG		
3	S-1612-1	PHONE JACK	7.2.0	
2	S-1860-10	CIRCUIT BREAKER		
1	S-1838-1	CONNECTOR		
EQUIPMENT TABLE				
ITEM NO.	DESCRIPTION	PART NO.	QUANTITY	REMARKS
8	S-1102-1	MIKE JACK	7.3.0	
7	S-1880-1	RHEOSTAT	7.9.0	
6	0770731-1	SPEAKER	7.1.0	
5	S-1637-1	HOUSING-CAP		
4	S-1637-2	HOUSING-PLUG		
3	S-1612-1	PHONE JACK	7.2.0	
2	S-1860-10	CIRCUIT BREAKER		
1	S-1838-1	CONNECTOR		
SUPPLIES:				
CES-1000 IS APPLICABLE				
VENDOR CODES PER S1400				
CES-XXXX-CESNA SPEC NO.				
S-XXX OR CMXXX-CESNA				
STD. NO.				

WIRE	LG	TERMINALS	SERIALS
TAN (2) 22	-22-10	SOLDER S-1636-1	
WHT/BLK 22	-22-9-0	S-1837-1 SOLDER	
TAN (1) 22	-22-10	S-1837-1 SOLDER	
YEL (2) 18	-18-4	SOLDER SOLDER	
YEL (1) 18	-18-4	S-1837-1 SOLDER	
BLK 22	-22-0	<1> SOLDER	
GRN (1) 20	-20-5	S-1837-1 S-1635-1	
BLU 22	-22-6	S-1837-1 SOLDER	
RED 18	-18-2	S-1837-1 S-1637-1-6	

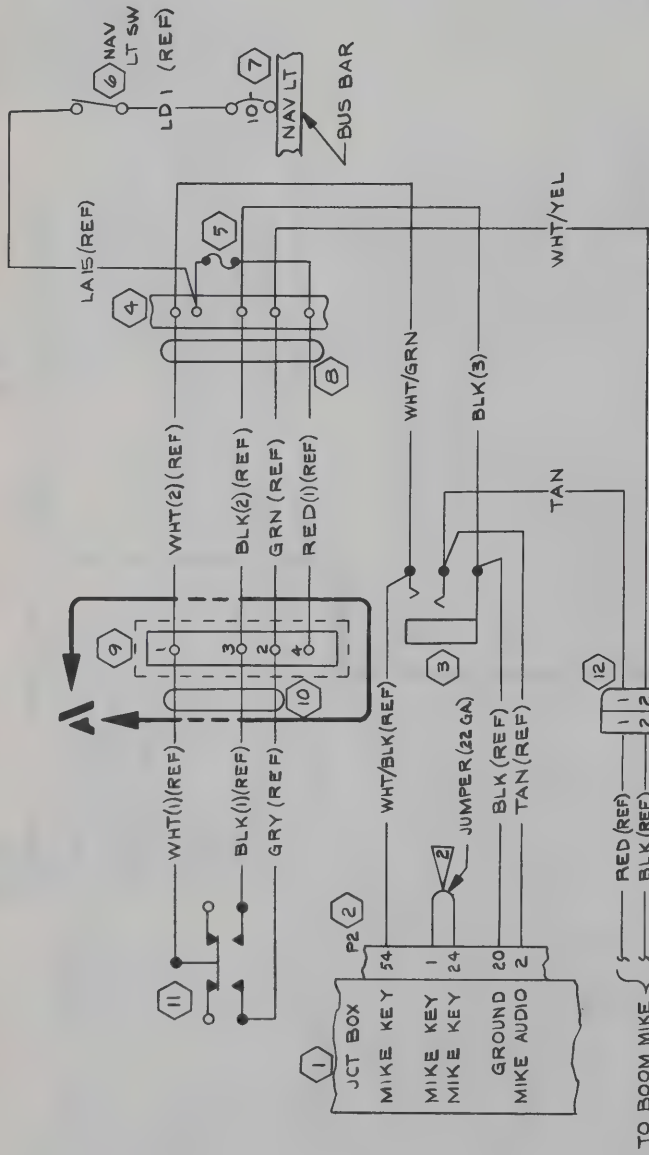
WIRE TABLE

CONTRACT NO.	NAME	DATE	TITLE
	G WOOD	9-9-0	WIRING DIAGRAM -
	H. H. H.	12-10-70	RADIO SPEAKER, PHONE & MIKE JACK,
	X. WHITE	2-8-71	LIGHT RHEO & POWER CIRCUITS
DESIGN	GROUP	CHECK	STRESS
PROJ	APPD	OTHER	
SIZE	CODE IDENT.	DWG NO	
C	71379	2070000	
SCALE:	NONE	177RG	PAGE: 2.1.0

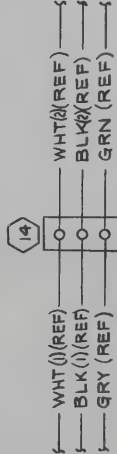
REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		
THIS DRAWING FOR TECHNICAL USE ONLY P1 AND P4 MATE WITH S-1838-2 HOUSING (AMP 1-562191-5) P2 MATES WITH S-1838-1 HOUSING (AMP 480146-7) P3 MATES WITH S-1838-3 HOUSING (AMP 582963-2) ALL THE ABOVE HOUSINGS USE S-1837-1 CONTACT PINS (AMP 42717-3LP) AND S-1836-1 KEYING PLUGS (AMP 582501-1) CONTACTS CRIMP ON WITH AMP TOOL 90017 CONTACTS EXTRACT WITH AMP TOOL 465195-2 IF A CRIMPING TOOL IS NOT AVAILABLE WIRES MAY BE SOLDERED TO PINS IN LIEU OF CRIMPING			
CONTRACT NO: DESIGN: G WOOD DRAWN: H. WOOD CHECK: A. K. WHITE STRESS: R. E. Felt PROJECT: 7-8-7 APPROVED: 2070000 NAME: G WOOD DATE: 9-9-70 TITLE: SCHEMATIC DIAGRAM - AUDIO JUNCTION BOX, INTERNAL WIRING COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS SCALE: NONE 177RG PAGE: 2.11 (526349) ED&R 10185			



REVISION	DATE	APPD
LET		
DESCRIPTION		



TO BOOM MIKE



DETAIL A
W/O MAPLIGHT

NOTES:

1. WIRE TERMINATION TO BE 329636 TERMINAL (00779)

2. SINGLE RADIO INSTALLATION ONLY

3. FOR MAP LIGHT WIRING W/O BOOM MIKE REFER TO 2070001 PAGE 11.7.0

14	3511-11-03-001	TERMINAL BLOCK
13	S-1638-1	HOUSING
12	S-1638-2	HOUSING
11	S-1985-1	SWITCH
10	SF-1030-BX	CABLE
9	0570088-1	MAP LIGHT ASSY
8	8409	CABLE
7	S-1360-10	CIRCUIT BREAKER
6	S-1845-1-2	SWITCH
5	1570141-1	FUSE ASSY
4	3511-11-05-001	TERMINAL BLOCK
3	S-1102-1	JACK
2	S-1838-1	HOUSING
1	0570084-1	JCT BOX

PART NO.	DESCRIPTION
1	JCT BOX

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESSNA SPEC. NO.
S-XXX OR CMXXX-CESSNA
STD. NO.

SUPERSEDED BY:

WIRE TABLE

CONTRACT NO.	NAME	DATE	WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
	G. WOOD	9-9-70						
	G. WOOD	12-10-70						
	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
	G. WOOD	2-8-71						

DESIGN	NAME	DATE	WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
	G. WOOD	9-9-70						
	G. WOOD	12-10-70						
	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
	G. WOOD	2-8-71						

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	G. WOOD	2-8-71						

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	G. WOOD	12-8-70						
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	G. WOOD	2-8-71						

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	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
	G. WOOD	2-8-71						

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	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
	G. WOOD	2-8-71						

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	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
	G. WOOD	2-8-71						

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	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
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	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
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	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
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	G. WOOD	9-9-70						
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	G. WOOD	9-9-70						
	G. WOOD	12-10-70						
	G. WOOD	12-8-70						
	L.K. WHITE	2-8-71						
	G. WOOD	2-8-71						

CONTRACT NO:			Cessna AIRCRAFT CO.			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE			WIRING DIAGRAM —		
GROUP	G WOOD	9-9-70	MAP LIGHT & MIKE KEY,			CONTROL WHEEL		
DRAWN	G WOOD	12-8-70	SIZE			CODE IDENT.		
CHECK	L.K. WHITE	2-8-71	NO.			DWG NO.		
STRESS			C			71379		
PROJECT	G.R. Zipe	2-8-71				2070000		
APPD						SCALE: NONE		
						177 Rg		
						PAGE: 2.1.2		

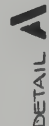
REVISION		DESCRIPTION		DATE		APPD	
LET		DESCRIPTION		DATE		APPD	
25							
24							
23	0570400-2022	CABLE ASSY					
22							
21	S-1838-2	HOUSING					
20							
19							
18	0770750-2011	CABLE ASSY					
17	S-2086-1	ANT. COUPLER					
16	31640-0000	INDICATOR (IN-514R)					
15	0570084-1	JCT BOX ASSY	3.17.0				
14	MS3106B-18-15	CONNECTOR	7.4.0				
13	1270012-12	ANT. NAV	6.2.0				
12	C598501-0103	ANT. VHF	6.1.0				
11	-502	ANT. CABLE	5.1.0				
10	1270059-1	BALUN STUB	6.2.0				
9	1270801-252	CABLE ASSY					
8	1270801-200	CABLE ASSY					
7	39380-1014	TRANSCIVER	3.18.0				
6	39360-1014	TRANSCIVER	3.17.0				
5	S-2096-1	BLOCK					
4	S-1637-2	HOUSING-SOCKET					
3	S-1637-1	HOUSING-PIN					
2	S-1360-5	CKT BKR					
1	S-1360-10	CKT BKR					

PART NO.		DESCRIPTION		PAGE	
EQUIPMENT TABLE					
SUPERSEDES:					
SUPERSEDED BY:					

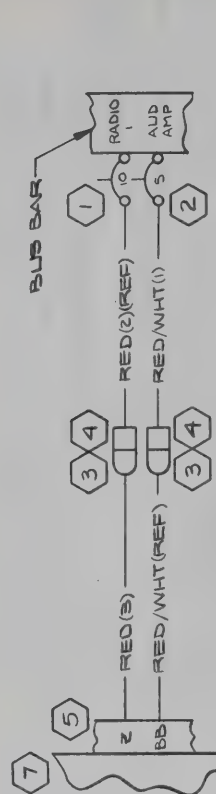
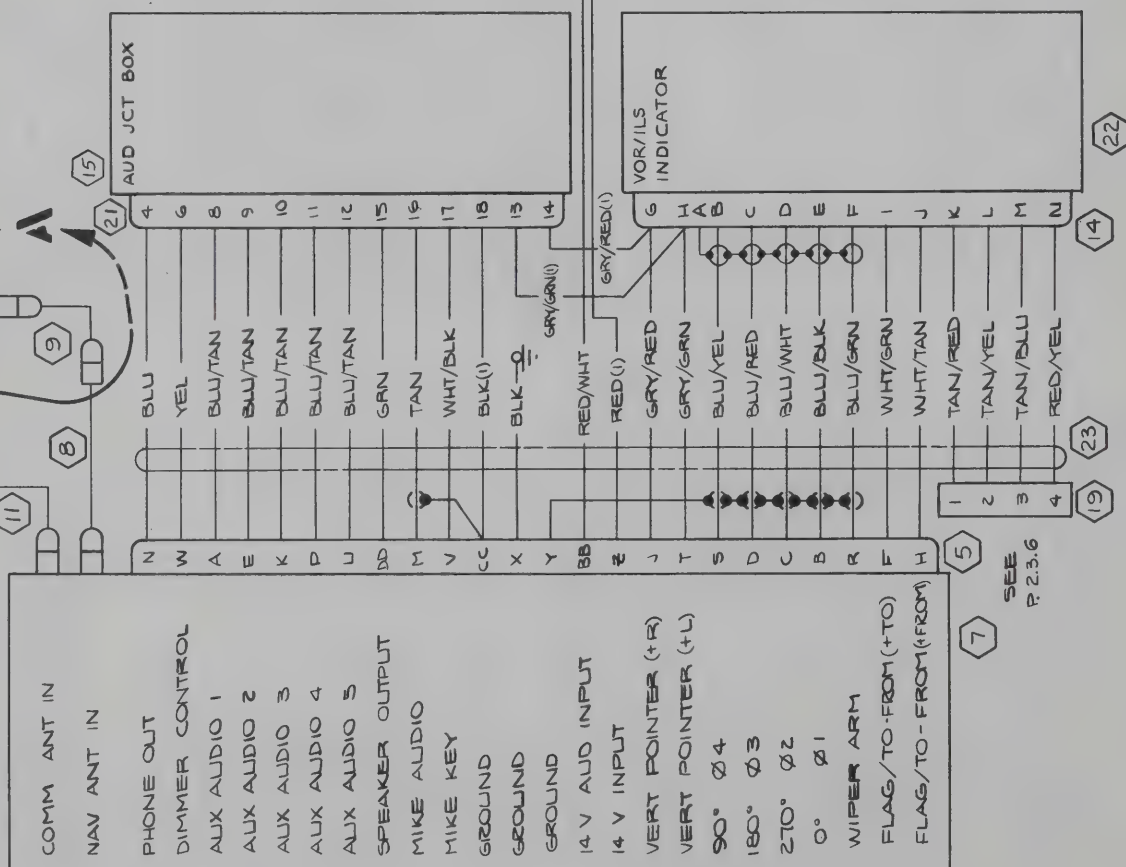
CONTRACT NO.		NAME		DATE	
		G WOOD		10-19-70	
DESIGN		G WOOD		12-10-70	
GROUP		G WOOD		12-9-70	
DRAWN		G WOOD		12-9-70	
CHECK		K WHITE		2-8-71	
STRESS		Z-B71			
PROJ		Z-B71			
APPD					
OTHER					

WIRE TABLE		SERIALS	
RED (3)	16 - 16-2	S-2099-1	S-1635-2
YEL	18 - 18-4	S-2099-1	S-1837-1
BLK	16 - 16-0	S-2099-1	S-1367-2-8
RED/WHIT	18 - 18-2-9	S-1636-2	S-1367-2-6
RED/WHIT	18 - 18-2-9	S-2099-1	S-1635-2
RED (2)	16 - 16-2	S-1636-2	S-1367-2-6
RED (1)	16 - 16-2	S-2099-1	S-1367-2-6
GRY/GRN	22 - 22-8-5	S-1837-1	SOLDER
BLU/GRN	22S S-1461-22-6-5	S-2099-2	
BLU/BLK	S-1461-22-6-0		
BLU/WHIT	S-1461-22-6-9		
BLU/RED	S-1461-22-6-2		
BLU/YEL	S-1461-22-6-4		SOLDER
TAN	22S S-1461-22-10		S-1837-1
GRN	20 - 20-5	S-2099-2	S-1837-1
GRY/RED	22 - 22-8-2	S-1837-1	SOLDER
GRY/GRN	22 - 22-8-2		SOLDER
BLK (1)	20 - 20-0		S-1837-1
WHIT/TAN	22 - 22-9-10		SOLDER
WHIT/GRN	22 - 22-9-5		SOLDER
BLU/TAN	22 - 22-6-10		S-1837-1
BLU/TAN (4)			
BLU/TAN (3)			
BLU/TAN (2)			
BLU/TAN (1)	22 - 22-6-10		
BLU	22 - 22-6		
WHIT/BLK	22 - 22-9-0	S-2099-2	S-1837-1
WIRE CODE NO.	GA MATERIAL	LG	TERMINALS

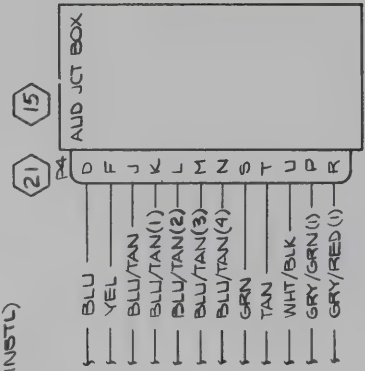
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CESSNA AIRCRAFT CO. <td colspan="2">CESSNA 300 NAV/COM -</td>		CESSNA 300 NAV/COM -	
COMMERCIAL AIRCRAFT DIV. <td colspan="2">VOR (ARC TYPE 508A & 528A)</td>		VOR (ARC TYPE 508A & 528A)	
1800 E. PAWNEE <td colspan="2"></td>			
WICHITA, KANSAS <td colspan="2"></td>			
SIZE		C 71379	
CODE IDENT.		2070000	
DWG NO.		177RG	
SCALE		NONE	
PAGE		2.3.1	



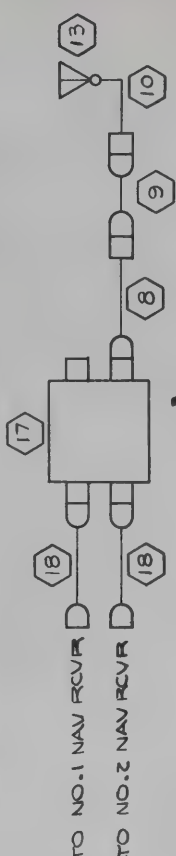
REVISIONS		
LTR	DESCRIPTION	DATE



DETAIL 13
(APPLIES TO DUAL INSTL)



DETAIL 15
(APPLIES TO DUAL INSTL)



DETAIL 17
(APPLIES TO DUAL INSTL)

CONTRACT NO.		NAME		DATE	TITLE	
		G WOOD		10-21-70	WIRING DIAGRAM -	
DESIGN GROUP		PAPE		12-9-70	CESSNA 300R NAV/COMM -	
DRAWN		L.K. WHITE		12-8-71	VOR/ILS (ARC TYPE 528A)	
CHECK						
STRESS						
PROJECT				2-8-71		
APPRO						

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.		5800 E. PAWNEE		WICHITA, KANSAS	
SIZE		CODE IDENT.		DWG NO.			
C		71379		2070000			
SCALE: NONE		177RG		PAGE: 2.3.4			

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD JUMPER FROM PIN 19 TO PIN CC ON 36194-0001 (NOW SHOP PRACTICE)	9-28-71 GLW	2/1/72 W. R. R. R. R.

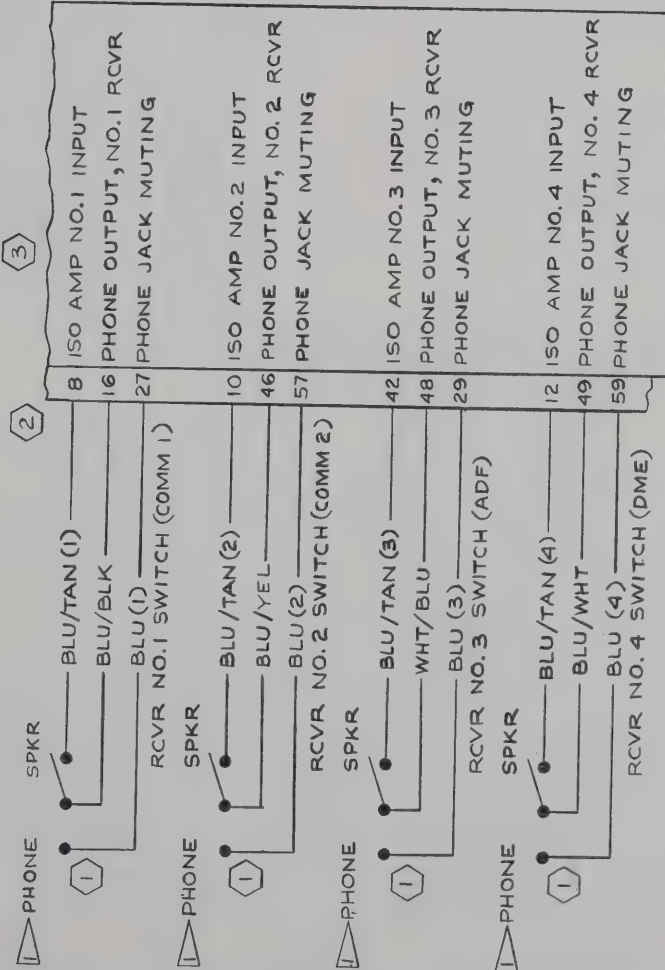
19	RED/YEL	22	-22-2-4	S-1635-2	SOLDER	
18	TAN/BLU	22	-22-10-6			
17	TAN/YEL	22	-22-10-4			
16	TAN/RED	22	-22-10-2	S-1635-2		
15	BLU/BLK	22	-22-6-0	S-2099-1		
14	BLU/RED	22	-22-6-2			
13	BLU/YEL	22	-22-6-4			
12	BLU/GRN	22	-22-6-5			
11	BLU/WHT	22	-22-6-9			
10	BLK/YEL	22	-22-0-4			
9	GRY/BLU	22	-22-8-6			
8	GRY/TAN	22	-22-8-10			
7	GRY/YEL	22	-22-8-4			
6	GRY/BLK	22	-22-8-0			
5	GRY/RED	22	-22-8-2			
4	RED	18	-18-2			
3	BLK	18	-18-0	S-2099-1	SOLDER	
2	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE			
CONTRACT NO:	NAME	DATE	TITLE
	G WOOD	10-21-70	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS
DESIGN	GROUP	DRAWN	WIRING DIAGRAM -
	H WOOD	G WOOD	CESSNA 400 GLIDESLOPE
CHECK	LY WHITE	2-8-71	(ARC TYPE R-543B)
STRESS	PROJ	2-8-71	
APPD	OTHER		
OTHER			
SUPERSEDED BY:		SIZE	CODE IDENT.
		C	71379
		SCALE: NONE	PAGE: 2.3.5

ITEM NO.	PART NO.	DESCRIPTION	PAGE
1	-208	CABLE ASSY	2.3.0
EQUIPMENT TABLE			
SUPERSEDES:			
CES-1000 IS APPLICABLE			
VENDOR CODES PER S-1400			
CES-XXXX-CESSNA SPEC. NO.			
S-XXX OR CMXXXX-CESSNA			
STD. NO.			

NOTES:

1 ▷ SPKR FUNCTION ON KEYWAY SIDE OF SWITCH.



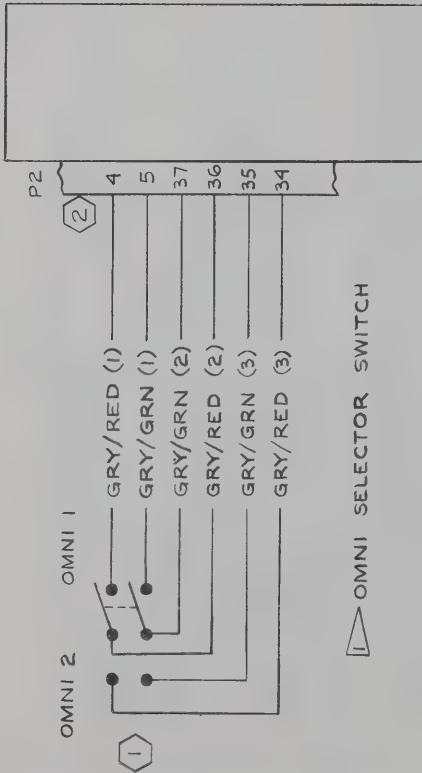
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/TAN (4)	22	-22-B-4		SOLDER S-1837-I	
WHT/BLU	1	-22-G-4			
BLU/WHT		-22-G-5			
BLU/TAN (3)		-22-G-10			
BLU/TAN (2)		-22-G-10			
BLU/TAN (1)		-22-G-10			
BLU/BLK		-22-G-0			
BLU (4)		-22-G			
BLU (3)		-22-G			
BLU (2)		-22-G			
BLU (1)	22	-22-G		SOLDER S-1837-I	

WIRE TABLE

CONTRACT NO:		NAME		DATE
		G WOOD		9-16-70
DESIGN	GROUP	TITLE		
S-1838-1	H. WOOD	WIRING DIAGRAM -		
DRAWN G WOOD		AUDIO SELECTOR		
CHECK L. K. WHITE		SWITCH		
STRESS		SIZE	CODE IDENT.	DWG NO
PROJ		C	71379	2070000
APPD		SCALE: NONE		
OTHER		177RG		
		PAGE: 2, 6, 1		

3	0570084-1	JUNCTION BOX ASSY	7.4.0
2	S-1838-1	HOUSING	
1	S-1695-2	SWITCH	
PART NO.		DESCRIPTION	PAGE
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE			
VENDOR CODES PER S-1400			
CES-XXXX-CESSNA SPEC. NO.			
S-XXX OR CMXXXX-CESSNA			
STD. NO.			
SUPERSEDES:			
SUPERSEDED BY:			

NOTES:
1 OMNI 2 FUNCTION TO BE ON KEYWAY SIDE OF SWITCH.



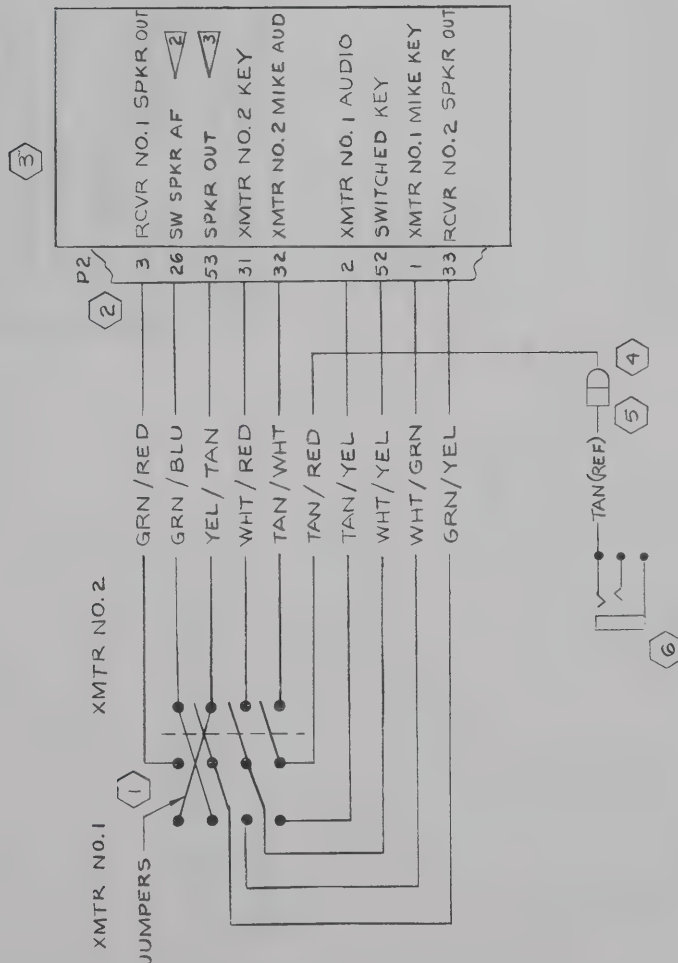
1 OMNI SELECTOR SWITCH

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
GRY/GRN(3)22	-22-8-2				
GRY/GRN(2)22	-22-8-2				
GRY/RED(1)22	-22-8-2				
GRY/GRN(3)22	-22-8-5				
GRY/GRN(2)22	-22-8-5				
GRY/GRN(1)22	-22-8-5				
SOLDER S-1837-1					

WIRE TABLE

CONTRACT NO:		NAME		DATE
DESIGN		G WOOD		9-16-70
GROUP		H. WOOD		12-10-70
DRAWN		G WOOD		12-9-70
CHECK		L. K. WHITE		2-8-71
STRESS				
PROJECT		R. D. F.		2-8-71
APPD				
TITLE		WIRING DIAGRAM - OMNI AUDIO SWITCH		
SIZE		C 71379		
CODE IDENT. NO.		2070000		
SCALE		NONE 177RG		
PAGE		2.6.2		

LET	DESCRIPTION	DATE	APPRO
A	BY REVISION: S-1838-1 HOUSING WAS S-1831-1 (NOW SHOP PRACTICE)	GLW 9-7-71	<i>W</i> SEP



- NOTES:
- TRANSMITTER NO. 1 IS ON KEYWAY SIDE OF SWITCH.
 - NO. 26 CONNECTS TO 10 Ω RESISTOR ON P. C. BOARD.
 - NO. 53 CONNECTS TO RELAY WIPER CONTACT THEN TO SHIPS SPKR THRU NORMAL CLOSED CONTACT TO 51. WHEN RELAY IS ACTUATED BY MIC KEY CIRCUIT 53 IS CONNECTED TO 10 Ω RESISTOR THRU NORMAL OPEN CONTACT.

PART NO.	DESCRIPTION
6	5-1102-1 MIKE JACK
5	5-1637-2 HOUSING - PLUG
4	5-1637-1 HOUSING - CAP
3	0570084-1 JUNCTION BOX ASSY
2	5-1838-1 HOUSING
1	5-1697-1 SWITCH

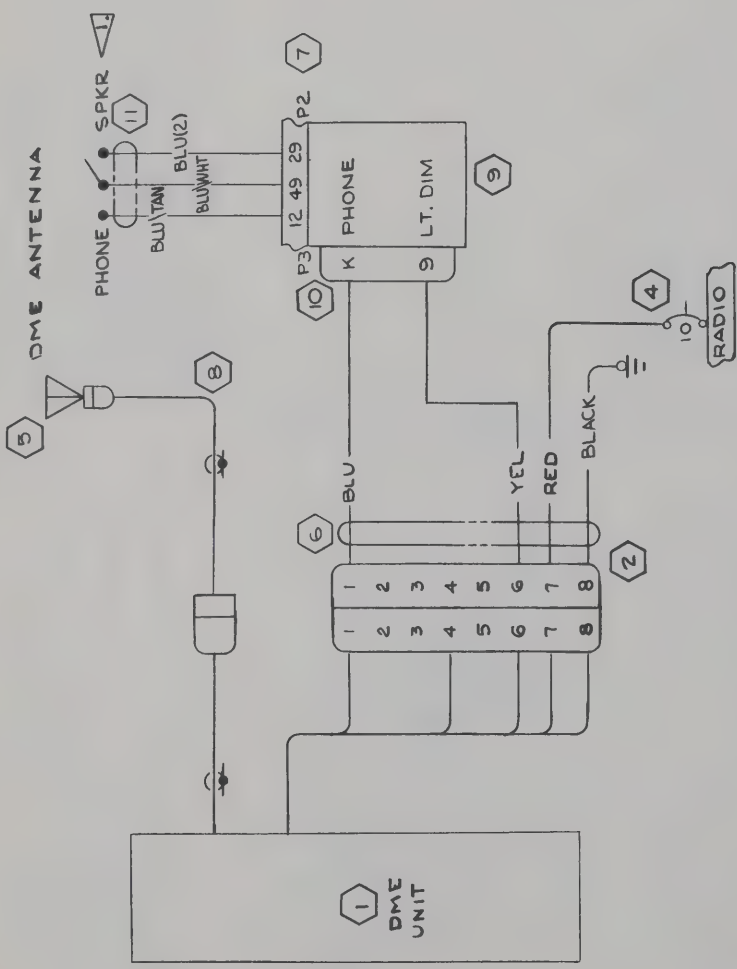
EQUIPMENT TABLE
CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESNA SPEC. NO.
S-XXX OR CMXXXX-CESNA
STD. NO.

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJ	APPD	OTHER
	G. WOOD	9-15-70			H. WOOD	L. WILITE				
		12-30-70								
		2-8-71								
		2-8-71								

WIRE TABLE					COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
Cessna® AIRCRAFT CO.					TITLE	
WIRING DIAGRAM — TRANSMITTER SELECTOR — SWITCH					TITLE	
CONTRACT NO:					SIZE	
CODE NO.	GA.	MATERIAL	LG.	TERMINALS	CODE NO.	DWG NO
					C 71379	2070000
OTHER					SCALE: NONE	PAGE: 2 OF 3

Cessna AIRCRAFT CO.	COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS
TITLE	WIRING DIAGRAM -		
TRANSMITTER SELECTOR			
SWITCH			
SIZE	C	71379	2070000
SCALE	NONE	177RG	PAGE: 2.6.3

REVISION	DATE	APPD
LET		
DESCRIPTION		



NOTES:
 1. SPKR FUNCTION ON KEYWAY SIDE OF SWITCH

ITEM NO.	DESCRIPTION	PAGE
1	CABLE ASSY	2.6.0
2	HOUSING	
3	JUNCTION BOX	
4	CABLE ASSY	2.8.2
5	HOUSING	
6	CABLE ASSY	2.8.0
7	ANTENNA	6.7.0
8	CIRCUIT BKR	
9	CONNECTOR	
10	DME UNIT	

WIRE	CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
BLU	22		-22-6		SOLDER 5-1371-1	
RED	16		-16-2		SOLDER 5-1837-1	
YEL	18		-18-4		SOLDER 5-1367-2	
BLACK	16		-16-0		SOLDER 5-1837-1	

WIRE TABLE

CONTRACT NO. _____

NAME: G. WOOD DATE: 1-20-71

DESIGN: 1-20-71

GROUP: H. WOOD 12-10-70

DRAWN: 1-13-70 9-4-70

CHECK: 1-13-70 2-8-71

STRESS: 2-8-71

PROJECT: 2-8-71

APPD: 2-8-71

COMMERCIAL AIRCRAFT DIV.
 WICHITA, KANSAS

Cessna AIRCRAFT CO.

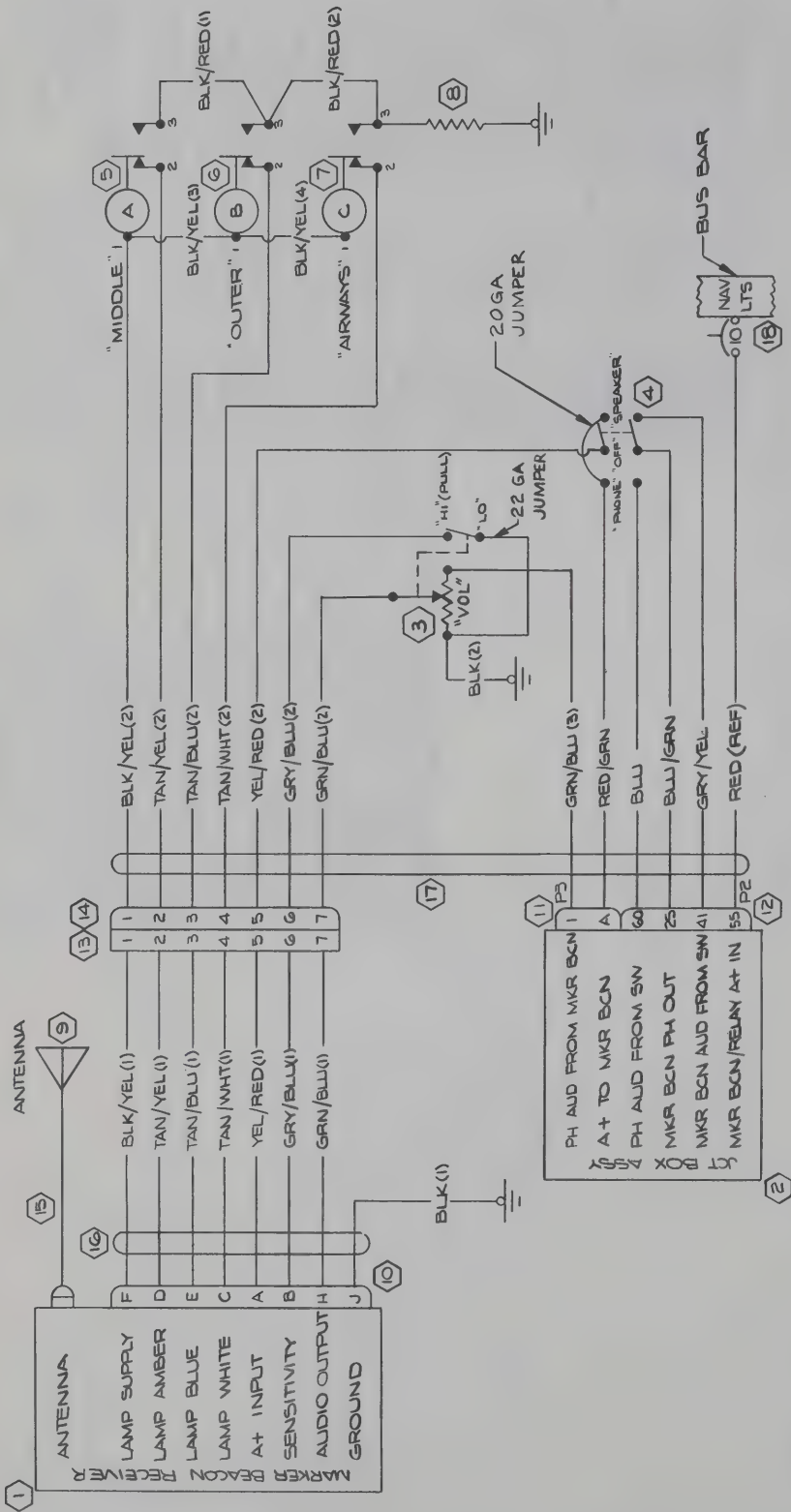
TITLE: WIRING DIAGRAM - CESSNA 300 DME (KING KN-60B)

SIZE: C 71379 DWG NO. 2070000

SCALE: NONE 1:1 R.G. PAGE: 2.8.1

FORM NO. 80-215B

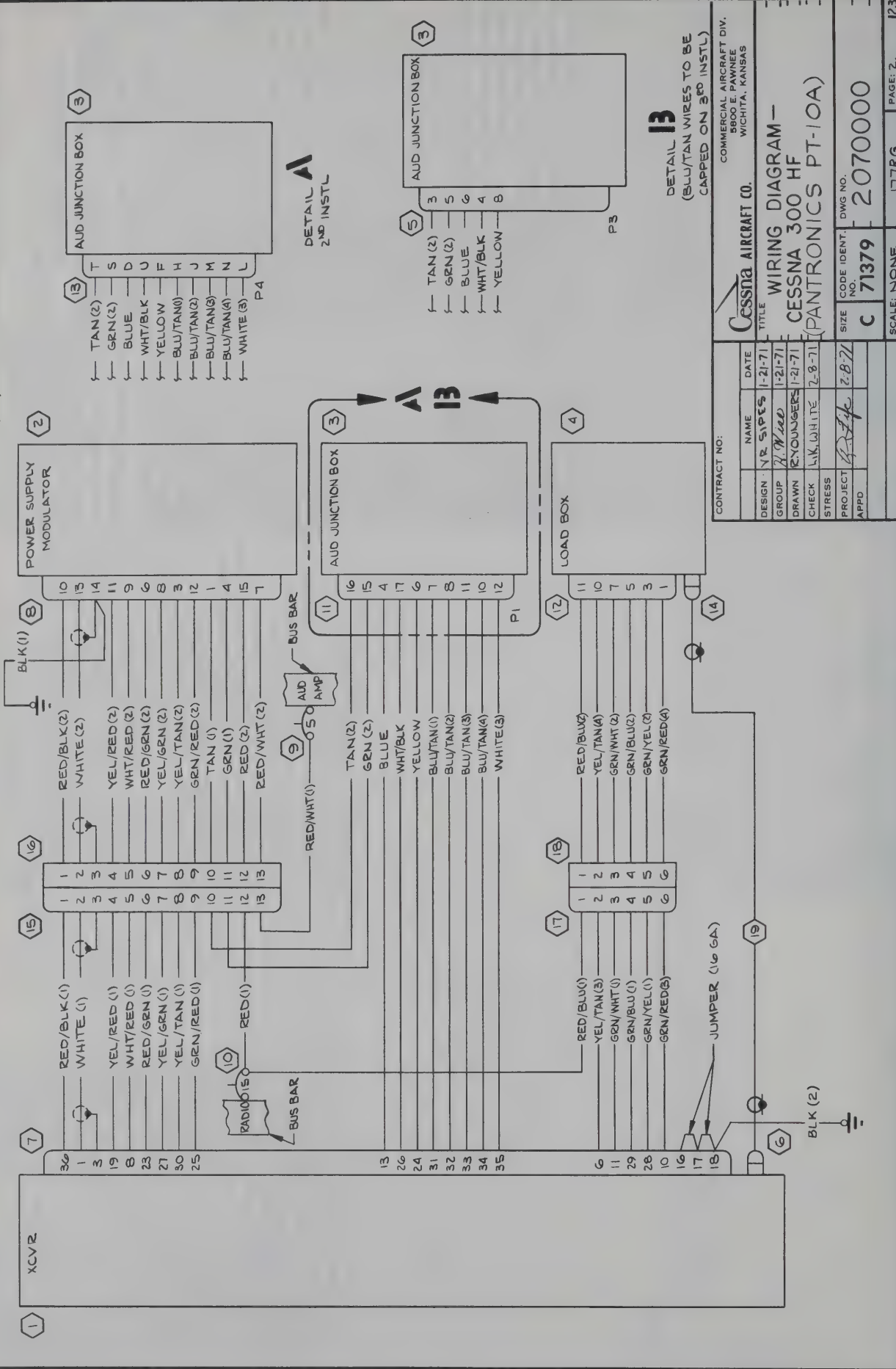
REVISIONS		
LTR	DESCRIPTION	DATE



CONTRACT NO.		NAME	DATE
DESIGN		G. WOOD	9-9-70
GROUP		H. W. J.	12-10-70
DRAWN		M. MORIARTY	12-9-70
CHECK		L. K. WHITE	2-8-71
STRESS			
PROJECT			
APPD			

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM — CESSNA 300 MARKER BEACON (TYPE R-502B)	
SIZE	CODE IDENT.	DWG NO.	
C	71379	2070000	
SCALE	NONE	177RG	PAGE: 2.9.3
EDRR 10185		(SR 6349) II	

REVISIONS		
LTR	DESCRIPTION	DATE
A	SEE PAGE 2.12.2 FOR REVISION	9-28-71



CONTRACT NO.		NAME	DATE
DESIGN		YR. SIPS	1-21-71
GROUP		R. W. Lee	1-21-71
DRAWN		R. W. Lee	1-21-71
CHECK		L. K. WHITE	2-8-71
STRESS			
PROJECT			
APPRO			

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
WIRING DIAGRAM - CESSNA 300 HF (PANTRONICS PT-10A)		TITLE	
SIZE		CODE IDENT. DWG NO.	
C		71379	
SCALE: NONE		PAGE: 2.	

NOTES:

1 SUPPRESSOR CABLE ROUTES WITH CABLE TO CONTROL PANEL. CENTER CONDUCTOR CONNECTS TO PIN 4. CENTER CONDUCTOR TERMINATED WITH END CAP WHEN NOT USED.

REVISION

LET	DESCRIPTION	DATE	APPD
A	BY REVISION: IN NOTE 1, PIN 4 WAS PIN 8	9-28-71	WJW

WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
YELLOW (20)	-20-4			SOLDER S-1B37-1	
YEL/BLK (2)	20-20-4-0			S-1963-2 SOLDER	
YEL/BLK (1)	20-20-4-0			SOLDER S-1963-1	
RED/YEL (2)	22-22-2-4			S-1963-2 SOLDER	
RED/YEL (1)	22-22-2-4			SOLDER S-1963-1	
RED/GRN (2)	20-20-2-5			S-1963-2 SOLDER	
RED/GRN (1)	20-20-2-5			SOLDER S-1963-1	
TAN/YEL (2)	22-22-10-4			S-1963-2 SOLDER	
TAN/YEL (1)	22-22-10-4			SOLDER S-1963-1	
TAN/RED (2)	22-22-10-2			S-1963-2 SOLDER	
TAN/RED (1)	22-22-10-2			SOLDER S-1963-1	
TAN/WHI (2)	22-22-10-9			S-1963-2 SOLDER	
TAN/WHI (1)	22-22-10-9			SOLDER S-1963-1	
TAN/BLU (2)	22-22-10-6			S-1963-2 SOLDER	
TAN/BLU (1)	22-22-10-6			SOLDER S-1963-1	
RED/BLK (2)	18-18-2-0			S-1963-2 SOLDER	
RED/BLK (1)	18-18-2-0			SOLDER S-1963-1	
RED/WHI (2)	18-18-2-9			S-1963-2 SOLDER	
RED/WHI (1)	18-18-2-9			SOLDER S-1963-1	
BLK (3)	18-18-0			S-1963-2 SOLDER	
BLU/WHI (2)	22-22-6-9			S-1963-2 SOLDER	
BLU/WHI (1)	22-22-6-9			SOLDER S-1963-1	
GRY/BLK (2)	22-22-8-0			S-1963-2 SOLDER	
GRY/BLK (1)	22-22-8-0			SOLDER S-1963-1	
GRY/TAN (2)	22-22-8-10			S-1963-2 SOLDER	
GRY/TAN (1)	22-22-8-10			SOLDER S-1963-1	
GRY/RED (2)	22-22-8-2			S-1963-2 SOLDER	
GRY/RED (1)	22-22-8-2			SOLDER S-1963-1	
WHI/YEL (2)	22-22-9-4			S-1963-2 SOLDER	
WHI/YEL (1)	22-22-9-4			SOLDER S-1963-1	
WHI/GRN (2)	22-22-9-5			S-1963-2 SOLDER	
WHI/GRN (1)	22-22-9-5			SOLDER S-1963-1	
WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/TAN (2)	22	-22-6-10		S-1963-2 SOLDER	
BLU/TAN (1)	22	-22-6-10		SOLDER S-1963-1	
GRY/GRN (2)	22	-22-8-5		S-1963-2 SOLDER	
GRY/GRN (1)	22	-22-8-5		SOLDER S-1963-1	
GRY/YEL (2)	22	-22-8-4		S-1963-2 SOLDER	
GRY/YEL (1)	22	-22-8-4		SOLDER S-1963-1	
GRY/BLU (2)	22	-22-8-6		S-1963-2 SOLDER	
GRY/BLU (1)	22	-22-8-6		SOLDER S-1963-1	
WHI/RED (2)	22	-22-9-2		S-1963-2 SOLDER	
WHI/RED (1)	22	-22-9-2		SOLDER S-1963-1	
WHI/BLU (2)	22	-22-9-6		S-1963-2 SOLDER	
WHI/BLU (1)	22	-22-9-6		SOLDER S-1963-1	
RG-174 (6)		CABLE		SOLDER S-1367-28	
BLK (1)	18	-18-0		S-1963-2 S-1367-28	
RED (2)	18	-18-2		S-1963-2 S-1367-28	
RED (1)	18	-18-2		SOLDER S-1963-1	

WIRE TABLE

CONTRACT NO:		DATE	
NAME		DATE	
DESIGN	G WOOD	10-16-70	
GROUP	H Wire	12-10-70	
DRAWN	G WOOD	12-9-70	
CHECK	L.K. WHITE	2-8-71	
STRESS		2-8-71	
PROJ		2-8-71	
APPD		2-8-71	
OTHER		2-8-71	

COMMERCIAL AIRCRAFT DIV.
3500 E. 10TH AVE.
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE
WIRING DIAGRAM —
CESSNA 300 TRANSPONDER —
(KING KT-75R)

SIZE
C 71379

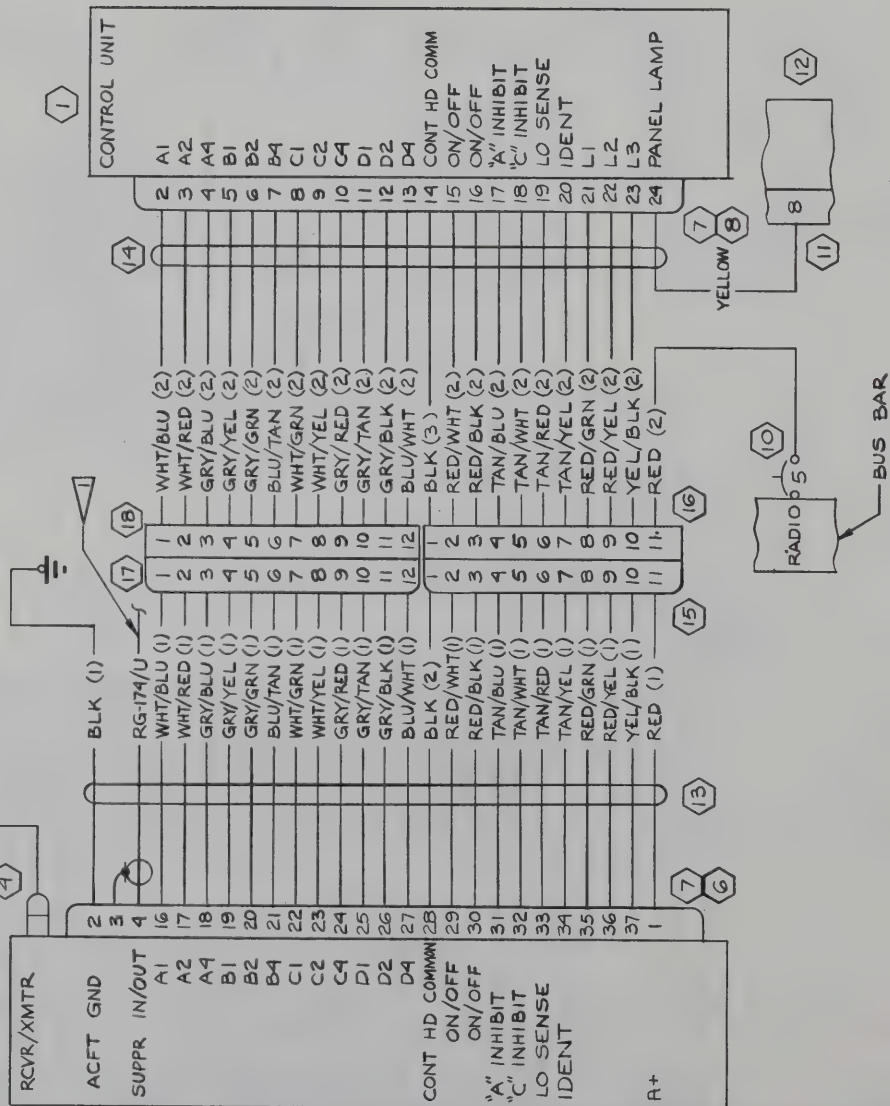
CODE IDENT.
NO. 2070000

SCALE
NONE

PAGE
177RG

PAGE: 2-13-2

LET	REVISION	DESCRIPTION	DATE	APPD



WIRE TABLE

CONTRACT NO.

NAME

DATE

DESIGN

GROUP

DRAWN

CHECK

STRESS

PROJ

APPD

OTHER

COMMERCIAL AIRCRAFT DIV.

5800 E. PAWNEE

WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE

WIRING DIAGRAM

CESSNA 300 TRANSPONDER

(KING KT-75R)

SIZE

CODE IDENT

DWG NO

SCALE

PAGE

(SR6349)IX

EQUIPMENT TABLE

PART NO.

DESCRIPTION

SUPERSEDES:

SUPERSEDED BY:

CES-1000 IS APPLICABLE

VENDOR CODES PER S-1400

CES-XXXX-CESNA SPEC. NO.

S-XXX OR CMXXXX-CESNA

STD. NO.

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		

JUNCTION BOX ASSY

COMM PHONE
 COMM DIM
 AUX AUD 6
 AUX AUD 5
 AUX AUD 4
 AUX AUD 3
 AUX AUD 2
 AUX AUD 1
 SPKR OUT
 MIKE AUD
 MIKE KEY
 MIKE GND

PI

BLUE
 YEL
 BLU/TAN (6)
 BLU/TAN (5)
 BLU/TAN (4)
 BLU/TAN (3)
 BLU/TAN (2)
 BLU/TAN (1)
 GRN/WHT (1)
 TAN (1)
 WHT/BLK (1)
 BLK (1)

DETAIL A
 2ND INSTL

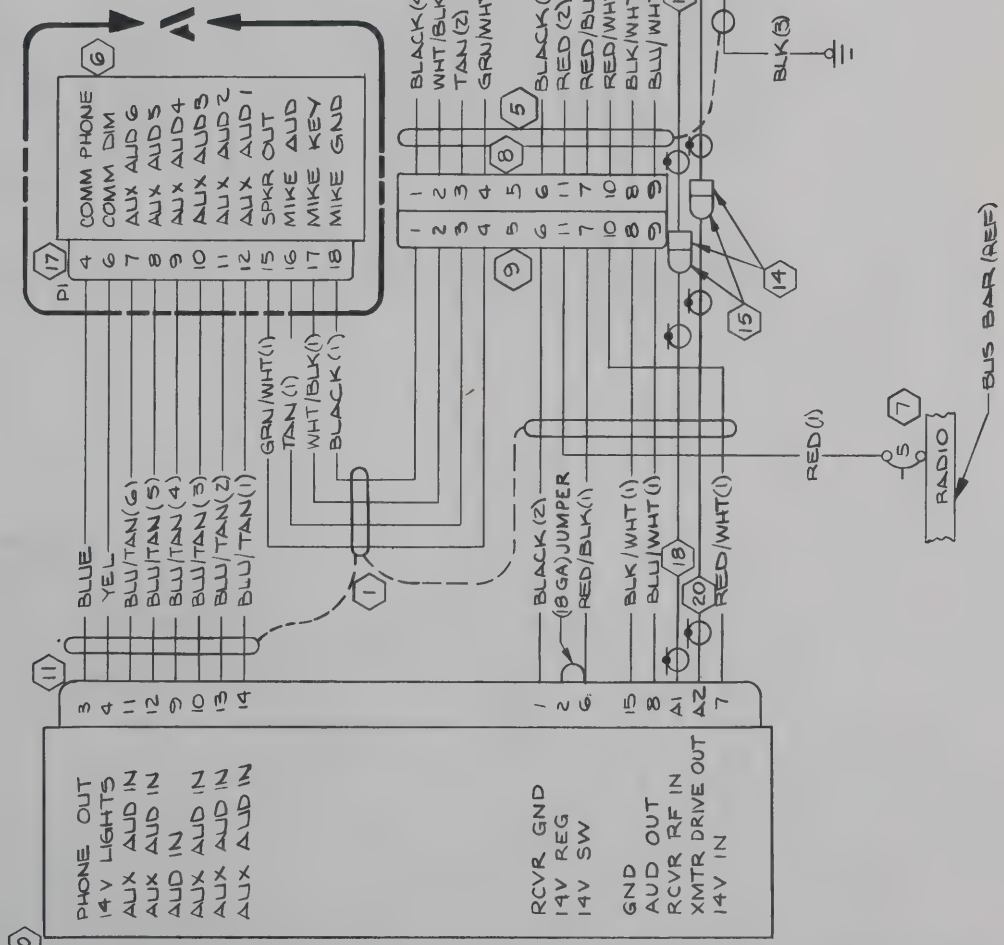
COMM PHONE
 COMM DIM
 AUX AUD 6
 AUX AUD 5
 AUX AUD 4
 AUX AUD 3
 AUX AUD 2
 AUX AUD 1
 SPKR OUT
 MIKE AUD
 MIKE KEY
 MIKE GND

BLUE
 YEL
 BLU/TAN (6)
 BLU/TAN (5)
 BLU/TAN (4)
 BLU/TAN (3)
 BLU/TAN (2)
 BLU/TAN (1)
 GRN/WHT (1)
 TAN (1)
 WHT/BLK (1)
 BLACK (1)

GND
 MIKE KEY
 MIKE AUD
 40HM SPKR
 LV SOURCE 28V
 GND(RX)/+14V(TX)
 LV SOURCE (14V)
 TRANSMITTER +4V
 LV +14V
 GND
 ISO AUDIO INPUT
 RCVR ANT
 RF INPUT
 GND

REMOTE UNIT

VHF COM
 ANTENNA



CONTRACT NO:		NAME	DATE
		G. WOOD	2-27-71
DESIGN		TITLE	
GROUP		WIRING DIAGRAM	
DRAWN		JERRY HELSWAN	
CHECK		W. WHITE	
STRESS		3-2-71	
PROJECT		5-2-71	
APPD			

COMMERCIAL AIRCRAFT DIV. 5800 E. PAVNEE WICHITA, KANSAS	
Cessna AIRCRAFT CO.	
CESSNA 400 TRANSCIVER	
(ARC TYPE R-532A)	
SIZE	NO.
C	71379
CODE IDENT.	DWG NO.
2070000	
SCALE: NONE	PAGE: 2, 15, 2

LET	DESCRIPTION	DATE	APPO
-----	-------------	------	------

-259	RG-58A/U	SOLDER S2046-1	32	-259	CABLE ASSY	3.11.0	BLU/TAN(6) 22	-22-6-10	SOLDER S-1837-I	
-258	RG-58A/U	SOLDER S2046-2	31	-258	CABLE ASSY	2.5.0	BLU/TAN(5) 22	-22-6-10		
-257	RG-58A/U	SOLDER S2046-1	30	-257	CABLE ASSY	2.15.3	BLU/TAN(4) 22	-22-6-10		
-256	RG-58A/U	SOLDER S2046-2	29	-256	CABLE ASSY	2.15.3	BLU/TAN(3) 22	-22-6-10		
-255	RG-58A/U	SOLDER S2046-1	28	-255	CABLE ASSY	3.11.0	BLU/TAN(2) 22	-22-6-10		
-254	RG-58A/U	SOLDER S2046-2	27	S-2086-1	ANT. COUPLER	2.15.5	BLU/TAN(1) 22	-22-6-10		
-253	RG-58A/U	SOLDER S2046-1	26	39490-0000	INDICATOR (ARC IN-543B)	2.15.5	YEL 20	-20-6-4		
-252	RG-58A/U	SOLDER S2046-2	25	-209	CABLE ASSY	2.15.3	TAN/WHI 22	-22-10-9		
-251	RG-58A/U	SOLDER S2046-1	24	S-1961-1-4	HOUSING-CAP	2.15.3	BLUE 22	-22-6		
-250	RG-58A/U	SOLDER S2046-2	23	S-1961-2-4	HOUSING-PLUG	2.15.3	RED/YEL(2) 22	-22-2-4		
-249	RG-58A/U	SOLDER S2046-1	22			4.5.0	GRY/GRN 22	-22-8-5		
-248	RG-58A/U	SOLDER S2046-2	21	39480-0000	INDICATOR (TYPE IN-522B)	3.11.0	GRY/RED 22	-22-8-2		
-247	RG-58A/U	SOLDER S2046-1	20	35693-0004	CONNECTOR (00781)	2.15.5	RED/YEL(1) 22	-22-2-4	S-1837-I	
-246	RG-58A/U	SOLDER S2046-2	19	36364-0000	CONNECTOR KIT (00781)	2.15.5	WHI/GRN 22	-22-9-5	SOLDER	
-245	RG-58A/U	SOLDER S2046-1	18	36363-0000	CONNECTOR KIT (00781)	2.15.3	WHI/TAN 22	-22-9-10		
-244	RG-58A/U	SOLDER S2046-2	17	35693-0003	CONNECTOR (00781)	2.15.6	WHI/YEL 22	-22-9-4		
-243	RG-58A/U	SOLDER S2046-1	16	38960-0014	ACCESSORY UNIT (RTA-532B)	4.5.0	YEL/TAN 20	-20-4-10		
-242	RG-58A/U	SOLDER S2046-2	15				RED/BLU(1) 18	-18-2-0	SOLDER SOLDER	
-241	RG-58A/U	SOLDER S2046-1	14				CODE NO. 18		TERMINALS	SERIALS
-240	RG-58A/U	SOLDER S2046-2	13	33950-1100	RCVR/XMTR (ARC TYPE 522A)	3.11.0	LG			
-239	RG-58A/U	SOLDER S2046-1	12	S-1838-2	HOUSING		MATERIAL			
-238	RG-58A/U	SOLDER S2046-2	11	S-1360-5	CIRCUIT BREAKER	3.11.0				
-237	RG-58A/U	SOLDER S2046-1	9	0570084-1	JUNCTION BOX ASSY	7.4.0				
-236	RG-58A/U	SOLDER S2046-2	8	1270801-252	CABLE ASSY	2.15.5				
-235	RG-58A/U	SOLDER S2046-1	7	1270801-200	CABLE ASSY	2.15.5				
-234	RG-58A/U	SOLDER S2046-2	6							
-233	RG-58A/U	SOLDER S2046-1	5							
-232	RG-58A/U	SOLDER S2046-2	4							
-231	RG-58A/U	SOLDER S2046-1	3							
-230	RG-58A/U	SOLDER S2046-2	2							
-229	RG-58A/U	SOLDER S2046-1	1							

WIRE TABLE									
WIRE NO.	WIRE CODE	G A	M A T L	L G	T E R M I N A L S	SERIALS			
RED (1)	18	10-2							
BLU/WHIT(1)	22	-22-6-9							
SOLDER S1963-1									
BLK/WHIT(1)	18	-18-0-9							
SOLDER S1963-1									
RED/BLK(2)	18	-18-2-0							
SOLDER S1963-1									
BLACK(2)	18	-18-0-0							
SOLDER S1963-1									
RED/WHIT(1)	18	-18-2-9							
SOLDER S1963-1									
BLACK(1)	16	-16-0-0							
S1837-1									
WHIT/BLK(1)	22	-22-9-0							
S1837-1									
TAN (1)	22	-22-10							
S1837-1									
GRN/WHIT(1)	20	-20-5-9							
S1837-1									
RED/BLU	18	-18-2-6							
SOLDER S1962-6									

WIRE TABLE

WIRE NO. 18

M A T L

L G

T E R M I N A L S

SERIALS

WIRE TABLE

WIRE NO. 20

M A T L

L G

T E R M I N A L S

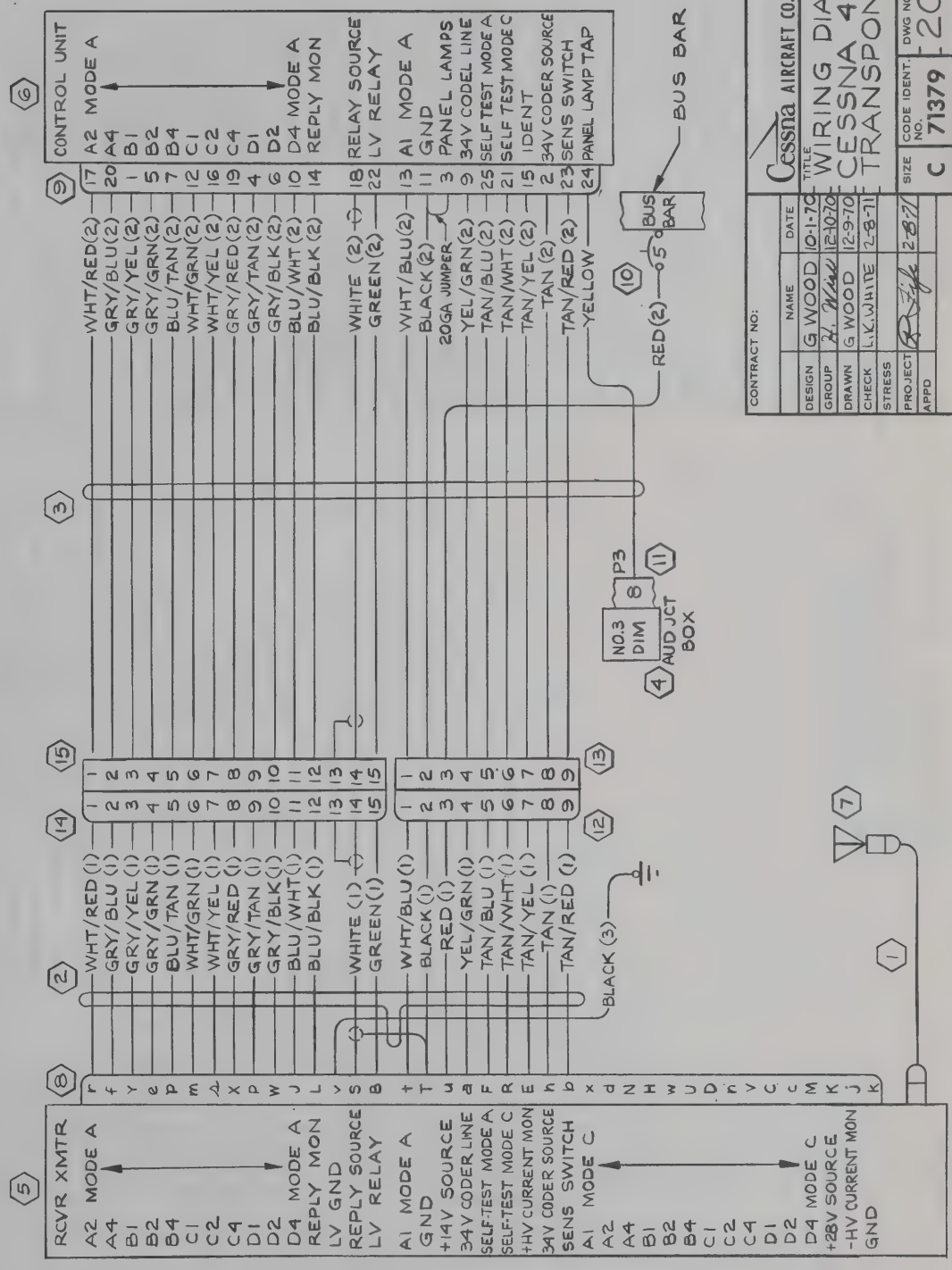
SERIALS

FORM NO. 80-215B



FORM NO. 80-215B

REVISIONS		
LTR	DESCRIPTION	DATE



CONTRACT NO:		NAME		DATE	
DESIGN		G WOOD		10-1-70	
GROUP		H. WOOD		12-10-70	
DRAWN		G WOOD		12-9-70	
CHECK		L.V. WHITE		12-8-71	
STRESS					
PROJECT		R. E. E.		2-8-71	
APPD					

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.		5800 E. PAWNEE		WICHITA, KANSAS	
TITLE		WIRING DIAGRAM - CESSNA 400 TRANSPONDER					
SIZE		C		CODE IDENT. NO.		71379	
DWG NO.		2070000		SCALE:		NONE	
PAGE:		2.16.2		FORM NO.		80-215	

NOTES:
1. JUMPERS ARE 22 GA WIRE.

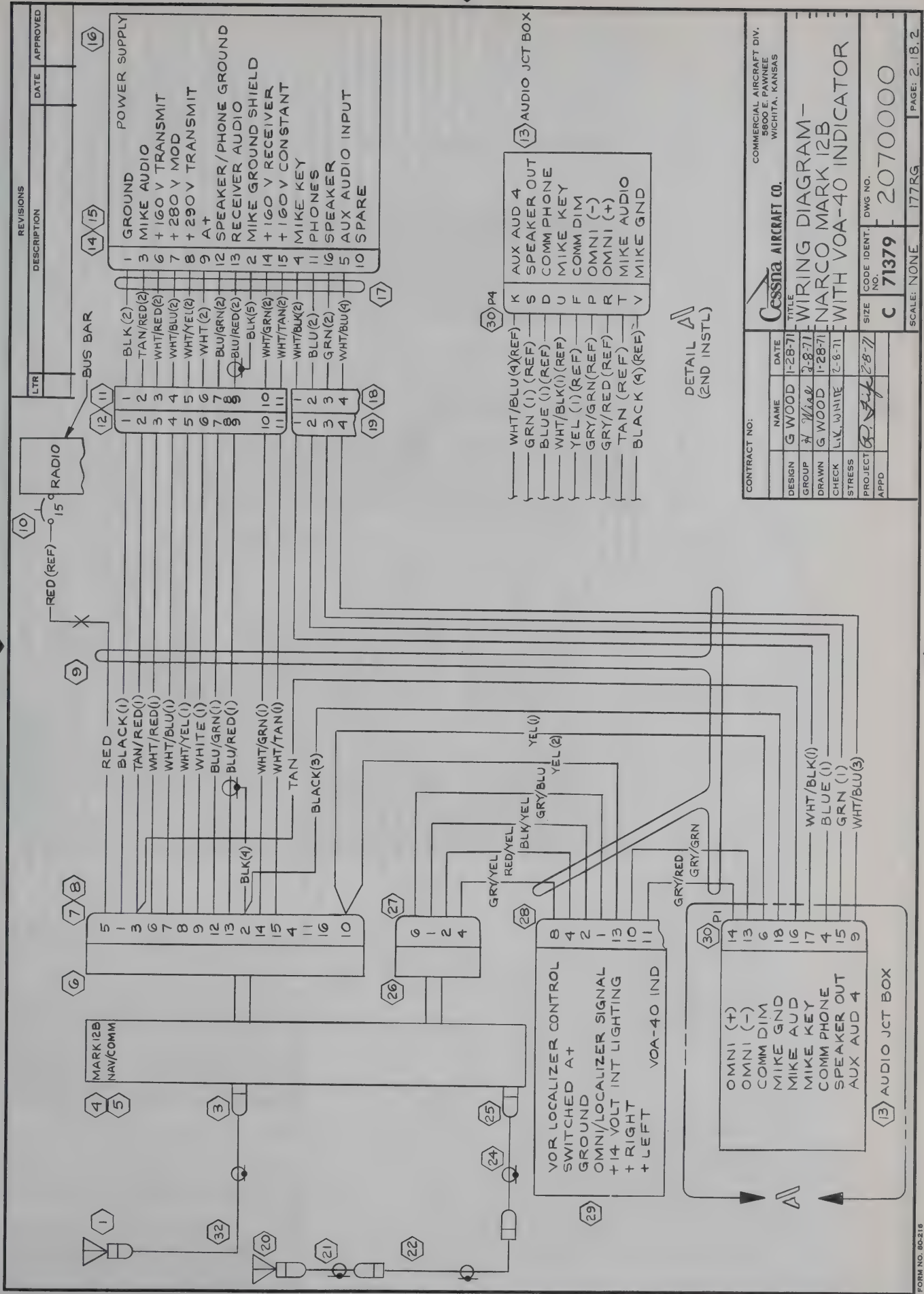
LET		DESCRIPTION		REVISION		DATE		APPD	
YEL/BLK(3)	18	-18-4-0	S-1963-1 SOLDER						
WHT/BLK(4)	22	-22-9-0	SEE WHT/BLK (2)						
BB99		8899 CABLE (BELDEN)	S-1367-2-10						
BLK/WHIT(3)	18	-18-0-9	S-1963-1 SOLDER						
BLK/WHIT(1)	18	-18-0-9	SOLDER S-1963-2						
YEL/TAN(2)	20	-20-4-10	S-1963-1 SOLDER						
YEL/TAN(1)	20	-20-4-10	SOLDER S-1963-2						
YEL/RED(2)	20	-20-4-5	S-1963-1 SOLDER						
YEL/GRN(2)	20	-20-4-2	SOLDER S-1963-2						
YEL/GRN(1)	20	-20-4-5	S-1963-1 SOLDER						
YEL/BLK(2)	18	-18-4-0	SOLDER S-1963-2						
YEL/BLK(1)	18	-18-4-0	SOLDER S-1370-2						
YEL	18	-18-4	SOLDER S-1837-1						
WHT/BLK(3)	22	-22-9-0	SEE WHT/BLK (2)						
WHT/BLK(2)	22	-22-9-0	S-1963-1 S-1370-1						
WHT/BLK(1)	22	-22-9-0	SOLDER S-1963-2						
WHT(2)	20	-20-9	S-1963-1 SOLDER						
WHT(1)	20	-20-9	SOLDER S-1963-2						
TAN	22	-22-10	SOLDER S-1837-1						
RED/GRN(2)	20	-20-2-5	S-1963-1 SOLDER						
RED/GRN(1)	20	-20-2-5	SOLDER S-1963-2						
RED/BLU(2)	16	-16-2-6	S-1963-1 SOLDER						
RED/BLU(1)	16	-16-2-6	SOLDER S-1963-2						
RED/BLK(3)	18	-18-2-0	SOLDER SOLDER						
RED/BLK(2)	18	-18-2-0	S-1963-1 SOLDER						
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	WIRE TABLE				
RED/BLK(1)	18	-18-2-0	SOLDER S-1963-2						
RED(2)	12	-12-2	S-1963-1 SOLDER						
RED(1)	12	-12-2	S-1367-3-6 S-1963-2						
GRN/YEL(2)	20	-20-5-4	S-1963-1 SOLDER						
GRN/YEL(1)	20	-20-5-4	SOLDER S-1963-2						
GRN/WHIT(2)	20	-20-5-9	S-1963-1 SOLDER						
GRN/WHIT(1)	20	-20-5-9	SOLDER S-1963-2						
GRN/RED(2)	20	-20-5-2	S-1963-1 SOLDER						
GRN/RED(1)	20	-20-5-2	SOLDER S-1963-2						
GRN/BLU(2)	20	-20-5-6	S-1963-1 SOLDER						
GRN/BLU(1)	20	-20-5-6	SOLDER S-1963-2						
GRN(2)	20	-20-5	S-1963-1 SOLDER						
GRN(1)	20	-20-5	SOLDER S-1963-2						
GRAY(2)	18	-18-8	S-1963-1 SOLDER						
GRAY(1)	18	-18-8	SOLDER S-1963-2						
BLU/TAN(2)	22S	S-1461-22-6-10	S-1963-1 SOLDER						
BLU/TAN(1)	22S	S-1461-22-6-10	SOLDER S-1963-2						
BLU/RED(2)	22S	S-1461-22-6-10	S-1963-1 SOLDER						
BLU/RED(1)	22S	S-1461-22-6-2	SOLDER S-1963-2						
BLU	22	-22-6	SOLDER S-1837-1						
BLK(2)	12	-12-0	SOLDER S-1367-3-8						
BLK(1)	20	-20-0	SOLDER S-1367-1-8						
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	WIRE TABLE				
CONTRACT NO.	Cessna AIRCRAFT CO.								
DESIGN	NAME	DATE	TITLE						
G WOOD	G WOOD	9-24-70	WIRING DIAGRAM -						
GROUP	H. W. Lee	12-10-70	SUNAIR SINGLE SIDEBAND H.F.						
GROUP	G WOOD	12-9-70	(TYPE ASB-125)						
CHECK	L. K. WHITE	2-8-71	SIZE						
STRESS	PROJ	2-8-71	CODE IDENT						
APPD	APPD		71379						
OTHER	OTHER		2070000						
SUPERSEDES:			SCALE: NONE						
SUPERSEDED BY:			177RG						
CES-1000 IS APPLICABLE			PAGE: 2.17.1						
VENDOR CODES PER S-1400			EDR 10185 (SR6349) 12						
CES-XXXX-CESNA SPEC. NO.									
S-XXX OR CMXXXX-CESNA									
STD. NO.									

[illegible]

CONTRACT NO:			WIRE TABLE		
 COMMERCIAL AIRCRAFT DIV. 1800 E. PAWNEE WICHITA, KANSAS			TITLE WIRING DIAGRAM — SINGLE SIDEBAND H.F. (TYPE ASB 125)		
DESIGN	NAME	DATE	SIZE	CODE IDENT. NO.	DWG NO
GROUP	G WOOD	10-13-70	C	71379	2070000
DRAWN	H. WOOD	12-10-70			
CHECK	G WOOD	12-9-70			
	W.K. WHITE	2-9-71			
STRESS					
PROJ					
APPD					
OTHER					
			SCALE: NONE	177BG	PAGE: 2172

	PART NO.	DESCRIPTION
	EQUIPMENT TABLE	
SUPERSEDES: CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESNSA SPEC. NO. S-XXX OR CMXXXX-CESNSA STD. NO.		
SUPERSEDED BY:		

[illegible]



CONTRACT NO.

CESSNA AIRCRAFT CO.

COMMERCIAL AIRCRAFT DIV.
5600 E. PAWNEE
WICHITA, KANSAS

DESIGN	NAME	DATE	TITLE
G WOOD	H Wood	2-8-71	WIRING DIAGRAM-
DRAWN	G WOOD	1-28-71	NARCO MARK 12B
CHECK	L.K. WHITE	2-8-71	WITH VOA-40 INDICATOR
STRESS			
PROJECT			
APPD			

CODE IDENT. **C 71379**

SIZE **NO.** **2070000**

SCALE: NONE **177RG** **PAGE: 2, 1B, 2.**

FORM NO. 86-218

REVISION

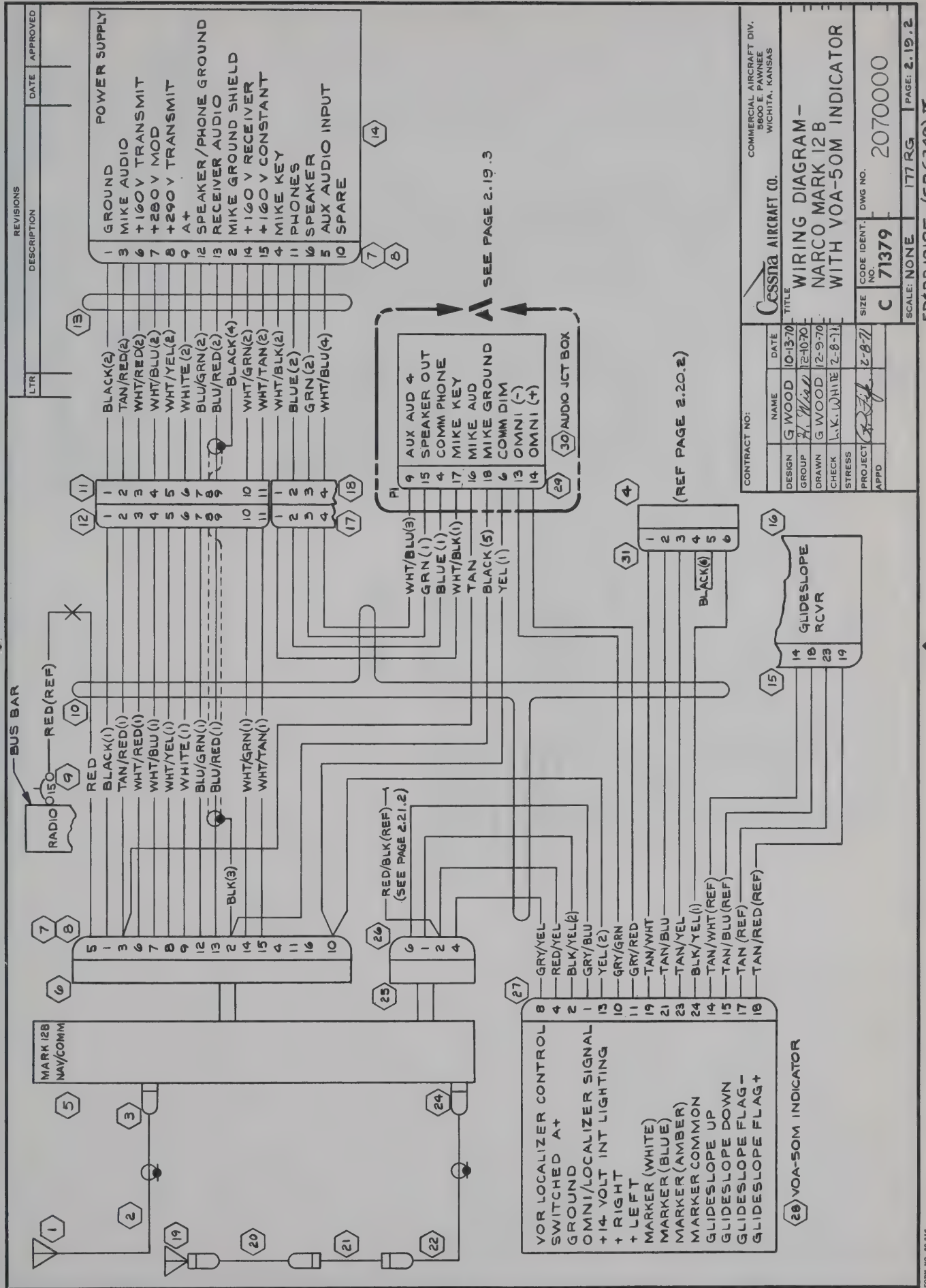
DESCRIPTION

DATE

APPD

LET

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REVISIONS		
LTR	DESCRIPTION	DATE

29 P4
 30 AUDIO JCT BOX

— WHT/BLU(3)(REF)	K	AUX AUD 4
— GRN(1)(REF)	S	SPEAKER OUT
— BLUE(1)(REF)	D	COMM PHONE
— WHT/BLK(1)(REF)	U	MIKE KEY
— TAN(REF)	T	MIKE AUD
— BLACK(5)(REF)	V	MIKE GROUND
— YEL(1)(REF)	F	COMM DIM
— GRN/GRN(REF)	P	OMNI (-)
— GRN/RED(REF)	R	OMNI (+)

DETAIL A
 (2ND INSTL)

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	G WOOD	10-13-70	WIRING DIAGRAM -		
DRAWN	R. Wood	12-10-70	NARCO MARK 12B WITH		
CHECK	L.K. WHITE	2-8-71	VOA-50M INDICATOR		
STRESS					
PROJECT	R. F. Fife	2-8-71	SIZE	CODE IDENT. NO.	DWG NO.
APPD.			C	71379	2070000
			SCALE: NONE		
			PAGE: 2.19.3		

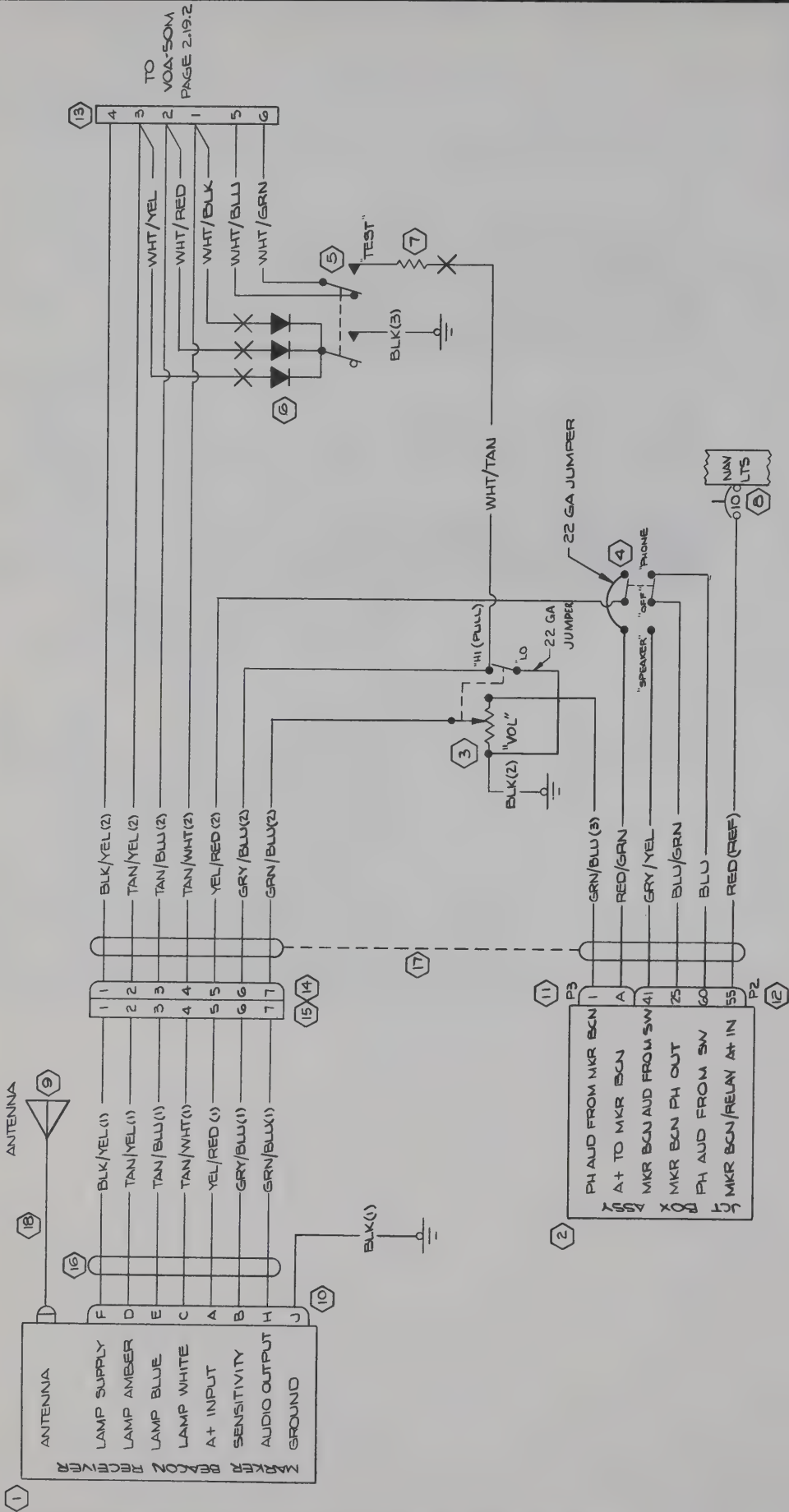


REVISION	
LET	DATE
DESCRIPTION	APPD

16	-220	CABLE ASSY	2.9.0	RED/GRN 20	-20-2-5	S-1837-1	SOLDER
17	-239	CABLE ASSY	2.20.0	WHT/BLU 22	-22-9-6	SOLDER	S-1636-1
18	-238	CABLE ASSY	2.20.0	WHT/TAN 22	-22-9-10	SOLDER	S-1370-1
15	S-1960-2-0	HOUSING-CAP	2.20.0	WHT/BLK 22	-22-9-0	SEE TAN/WH(2)	S-1370-1
14	S-1960-1-0	HOUSING-PLUG	2.20.0	WHT/GRN 22	-22-9-5	SOLDER	S-1636-1
13	S-1641-6	HOUSING-SOCKET	2.20.0	WHT/YEL 22	-22-9-4	SEE TAN/WH(2)	S-1370-1
12	S-1838-1	HOUSING	2.20.2	WHT/RED 22	-22-9-2	SEE TAN/WH(2)	S-1370-1
11	S-1838-3	HOUSING	2.20.0	BLU/GRN 22	-22-6-5	S-1837-1	SOLDER
10	28371-0003	PLUG	2.20.0	BLU 22	-22-6	S-1837-1	SOLDER
9	0770681-1	ANTENNA ROD ASSY	6.4.0	GRN/YEL 22	-22-8-4	S-1837-1	SOLDER
8	S-1360-10	CIRCUIT BREAKER	2.20.2	GRN/BLU(2) 22	-22-8-6	S-1943-1	SOLDER
7	VAL 3-12	RESISTOR	2.20.0	GRY/BLU(2) 22	-20-8-6	SOLDER	S-1943-2
6	IN2070	DIODE	2.20.0	GRY/BLU(2) 20	-20-4-2	S-1943-1	SOLDER
5	S-1696-4	SWITCH	3.15.0	YEL/RED(2) 20	-20-5-6	SOLDER	S-1943-2
4	S-1696-2	SWITCH	3.15.0	GRN/BLU(2) 20	-20-5-6	SOLDER	S-1943-1
3	S-2062-1	CONTROL	3.15.0	TAN/WH(2) 22	-22-10-4	S-1963-1	S-1636-2
2	0570084-1	JCT BOX ASSY	7.4.0	TAN/WH(2) 22	-22-10-9	SOLDER	S-1943-2
1	31240-0014	MKR BGN RCVR	4.1.0	TAN/BLU(2) 22	-22-10-6	SOLDER	S-1943-1
				BLK/YEL(2) 22	-22-10-6	SOLDER	S-1943-2
				BLK(3) 22	-22-10-4	SOLDER	S-1943-1
				BLK(2) 22	-22-10-4	SOLDER	S-1943-2
				BLK(1) 18	-22-0	SOLDER	S-1367-8
				WIRE	-18-0	SOLDER	S-1367-8
				GA		TERMINALS	
				LG		SERIALS	

WIRE TABLE

CONTRACT NO:		NAME		DATE	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	G. WOOD	9-9-70	TITLE			
GROUP	H. WOOD	12-10-70	WIRING DIAGRAM			
DRAWN	G. WOOD	12-9-70	CESSNA 300 MARKER BEACON (R-502B)			
CHECK	L.K. WHITE	2-8-71	WITH VOA-50M INDICATOR			
STRESS			C 71379			
PROJ		2-8-71	SIZE			
APPD			CODE IDENT			
OTHER			DWG NO			
EQUIPMENT TABLE			SCALE: NONE			PAGE: 2.20.1
SUPERSEDES:			177RG			EDRR 10185 (SR 6349) II
SUPERSEDED BY:			2070000			
CES-1000 IS APPLICABLE			VENDOR CODES PER S1400			
CES-XXXX-CESNA SPEC. NO.			S-XXX OR CMXXXX-CESNA			
STD. NO.						



CONTRACT NO:		NAME		DATE	TITLE
		G. WOOD		10-10-70	WIRING DIAGRAM - CESSNA
DESIGN		GROUP		DRAWN	CHECK
		H. WOOD		12-10-70	300 MARKER BEACON (R-502B)
DRAWN		M. MARIARTY		12-10-70	WITH VOA-50M INDICATOR
CHECK		L. K. WHITE		2-8-71	
STRESS		PROJECT		APPD	
PROJECT		APPD			
SIZE		CODE IDENT.		DWG NO.	
C		71379		2-8-71	2070000
SCALE: NONE		177RG		PAGE: 2.20.2	
EDRR 10185		(SR 6349) IX			

REVISION		DATE	APPD
LET	DESCRIPTION		
A	BY REVISION: REVISED CABLE SYMBOL TO INCLUDE RED/BLK (2) TAN/WHT (2), TAN/BLU (2) TAN/RED (2) TAN (2) (NOW SHOP PRACTICE)	GLW 9/28/71 N/W K/H	

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/YEL(2)	22	-22-6-4		S-1963-2	SOLDER
BLU/YEL(1)	22	-22-6-4		SOLDER	S-1963-1
WHT/YEL(2)	22	-22-9-4		SOLDER	S-1963-1
WHT/YEL(1)	22	-22-9-4		SOLDER	S-1963-1
WHT/TAN(2)	22	-22-9-10		SOLDER	S-1963-1
WHT/TAN(1)	22	-22-9-10		SOLDER	S-1963-1
WHT/RED(2)	22	-22-9-2		SOLDER	S-1963-1
WHT/RED(1)	22	-22-9-2		SOLDER	S-1963-1
WHT/GRN(2)	22	-22-9-5		SOLDER	S-1963-1
WHT/GRN(1)	22	-22-9-5		SOLDER	S-1963-1
WHT/BLU(2)	22	-22-9-6		SOLDER	S-1963-1
WHT/BLU(1)	22	-22-9-6		SOLDER	S-1963-1
WHT/BLK(2)	22	-22-9-0		SOLDER	S-1963-1
WHT/BLK(1)	22	-22-9-0		SOLDER	S-1963-1
TAN/WHT(2)	22	-22-10-9		SOLDER	S-1963-1
TAN/WHT(1)	22	-22-10-9		SOLDER	S-1963-1
TAN/RED(2)	22	-22-10-2		SOLDER	S-1963-1
TAN/RED(1)	22	-22-10-2		SOLDER	S-1963-1
TAN/BLU(2)	22	-22-10-6		SOLDER	S-1963-1
TAN/BLU(1)	22	-22-10-6		SOLDER	S-1963-1
TAN/BLK(2)	22	-22-10-0		SOLDER	S-1963-1
TAN/BLK(1)	22	-22-10-0		SOLDER	S-1963-1
RED/BLK(2)	18	-18-2-0		SOLDER	S-1963-1
RED/BLK(1)	18	-18-2-0		SOLDER	S-1963-1
BLU/WHT(2)	22	-22-6-9		SOLDER	S-1963-1
BLU/WHT(1)	22	-22-6-9		SOLDER	S-1963-1
BLU/RED(2)	22	-22-6-2		SOLDER	S-1963-1
BLU/RED(1)	22	-22-6-2		SOLDER	S-1963-1
BLU/GRN(2)	22	-22-6-5		SOLDER	S-1963-1
BLU/GRN(1)	22	-22-6-5		SOLDER	S-1963-1
BLU/BLK(2)	22	-22-6-0		SOLDER	S-1963-1
BLU/BLK(1)	22	-22-6-0		SOLDER	S-1963-1
BLK/YEL(2)	22	-22-0-4		S-1963-2	SOLDER
BLK/YEL(1)	22	-22-0-4		SOLDER	S-1963-1
BLACK(3)	18	-18-0		SOLDER	S-1967-18
BLACK(2)	22	-22-0		S-1963-2	SOLDER
BLACK(1)	22	-22-0		SOLDER	S-1963-1
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK(2)	22	-22-9-0		S-1963-2	SOLDER
WHT/BLK(1)	22	-22-9-0		SOLDER	S-1963-1
TAN/WHT(2)	22	-22-10-9		SOLDER	S-1963-1
TAN/WHT(1)	22	-22-10-9		SOLDER	S-1963-1
TAN/RED(2)	22	-22-10-2		SOLDER	S-1963-1
TAN/RED(1)	22	-22-10-2		SOLDER	S-1963-1
TAN/BLU(2)	22	-22-10-6		SOLDER	S-1963-1
TAN/BLU(1)	22	-22-10-6		SOLDER	S-1963-1
TAN/BLK(2)	22	-22-10-0		SOLDER	S-1963-1
TAN/BLK(1)	22	-22-10-0		SOLDER	S-1963-1
RED/BLK(2)	18	-18-2-0		SOLDER	S-1963-1
RED/BLK(1)	18	-18-2-0		SOLDER	S-1963-1
BLU/WHT(2)	22	-22-6-9		SOLDER	S-1963-1
BLU/WHT(1)	22	-22-6-9		SOLDER	S-1963-1
BLU/RED(2)	22	-22-6-2		SOLDER	S-1963-1
BLU/RED(1)	22	-22-6-2		SOLDER	S-1963-1
BLU/GRN(2)	22	-22-6-5		SOLDER	S-1963-1
BLU/GRN(1)	22	-22-6-5		SOLDER	S-1963-1
BLU/BLK(2)	22	-22-6-0		SOLDER	S-1963-1
BLU/BLK(1)	22	-22-6-0		SOLDER	S-1963-1
BLK/YEL(2)	22	-22-0-4		S-1963-2	SOLDER
BLK/YEL(1)	22	-22-0-4		SOLDER	S-1963-1
BLACK(3)	18	-18-0		SOLDER	S-1967-18
BLACK(2)	22	-22-0		S-1963-2	SOLDER
BLACK(1)	22	-22-0		SOLDER	S-1963-1
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

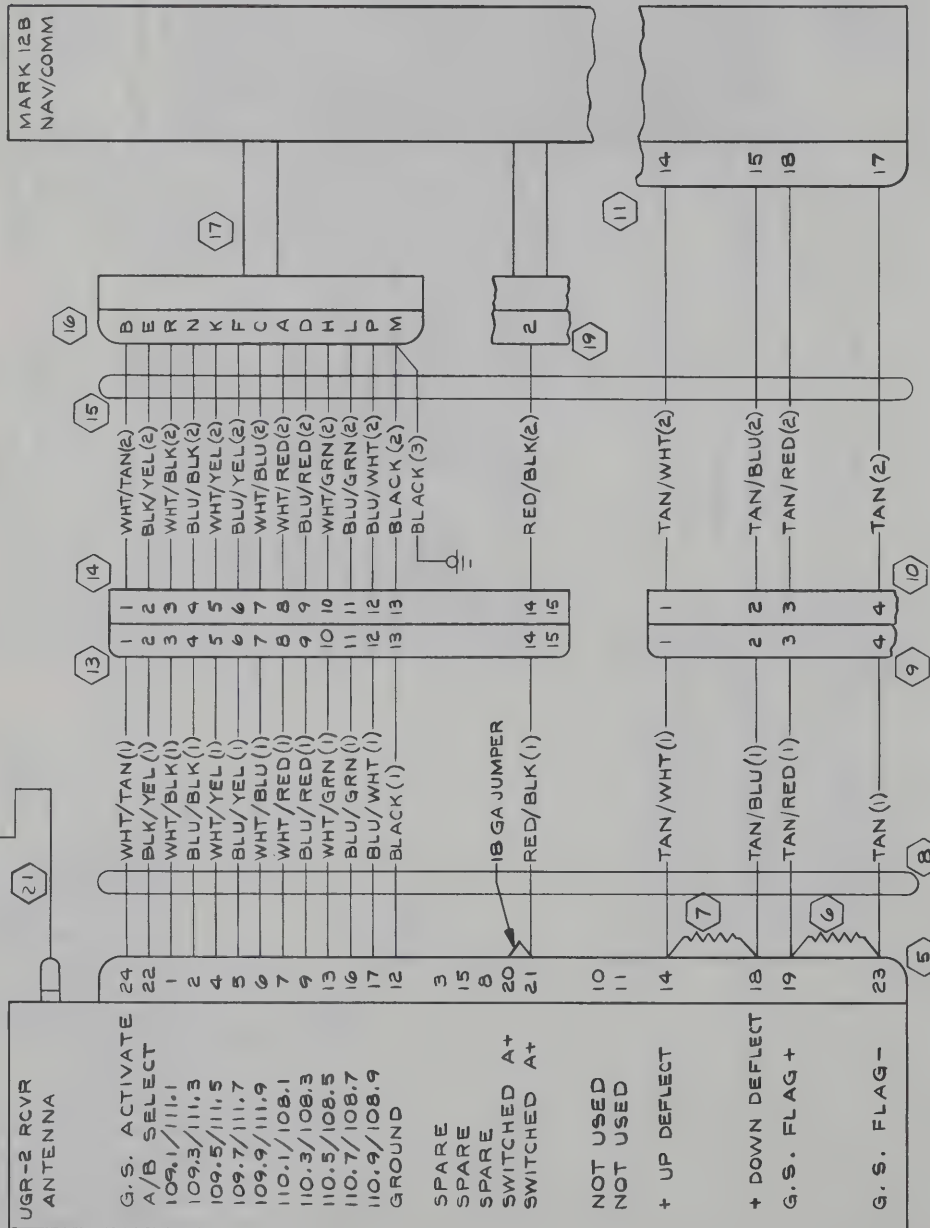
ITEM NO.	DESCRIPTION	PART NO.	RECEIVER	DESCRIPTION	STRESS	APPD
22	-G19 ANT. INSTL-G/S					
21	-202 CABLE ASSY					
20						
19	K4116-1 CONNECTOR	2.21.0				
18	MK-12B NAV/COMM UNIT	3.14.1				
17	MRA-14S PIGTAIL	2.21.0				
16	41247-102 CONNECTOR	2.21.0				
15	-240 CABLE ASSY	2.21.0				
14	S-1962-2-2 HOUSING, PLUG	2.21.2				
13	S-1962-1-2 HOUSING, CAP	2.21.2				
12	VOA-50M INDICATOR	3.14.0				
11	1773-100 CONN KIT ASSY	2.21.0				
10	S-1960-2-2 HOUSING, PLUG	2.21.0				
9	S-1960-1-2 HOUSING, CAP	2.21.0				
8	-241 CABLE ASSY	2.21.0				
7	470Ω 1/4 W RESISTOR	2.21.0				
6	1K Ω 1/4 W RESISTOR	2.21.0				
5	41291-101 CONNECTOR	2.21.0				
4						
3						
2						
1	UGR-2	4.9.0				

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/YEL(2)	22	-22-6-4		S-1963-2	SOLDER
BLU/YEL(1)	22	-22-6-4		SOLDER	S-1963-1
WHT/YEL(2)	22	-22-9-4		SOLDER	S-1963-1
WHT/YEL(1)	22	-22-9-4		SOLDER	S-1963-1
WHT/TAN(2)	22	-22-9-10		SOLDER	S-1963-1
WHT/TAN(1)	22	-22-9-10		SOLDER	S-1963-1
WHT/RED(2)	22	-22-9-2		S-1963-2	SOLDER
WHT/RED(1)	22	-22-9-2		SOLDER	S-1963-1
WHT/GRN(2)	22	-22-9-5		S-1963-2	SOLDER
WHT/GRN(1)	22	-22-9-5		SOLDER	S-1963-1
WHT/BLU(2)	22	-22-9-6		S-1963-2	SOLDER
WHT/BLU(1)	22	-22-9-6		SOLDER	S-1963-1
WHT/BLK(2)	22	-22-9-0		S-1963-2	SOLDER
WHT/BLK(1)	22	-22-9-0		SOLDER	S-1963-1
TAN/WHT(2)	22	-22-10-9		SOLDER	S-1963-1
TAN/WHT(1)	22	-22-10-9		SOLDER	S-1963-1
TAN/RED(2)	22	-22-10-2		SOLDER	S-1963-1
TAN/RED(1)	22	-22-10-2		SOLDER	S-1963-1
TAN/BLU(2)	22	-22-10-6		SOLDER	S-1963-1
TAN/BLU(1)	22	-22-10-6		SOLDER	S-1963-1
TAN/BLK(2)	22	-22-10-0		SOLDER	S-1963-1
TAN/BLK(1)	22	-22-10-0		SOLDER	S-1963-1
RED/BLK(2)	18	-18-2-0		SOLDER	S-1963-1
RED/BLK(1)	18	-18-2-0		SOLDER	S-1963-1
BLU/WHT(2)	22	-22-6-9		SOLDER	S-1963-1
BLU/WHT(1)	22	-22-6-9		SOLDER	S-1963-1
BLU/RED(2)	22	-22-6-2		SOLDER	S-1963-1
BLU/RED(1)	22	-22-6-2		SOLDER	S-1963-1
BLU/GRN(2)	22	-22-6-5		SOLDER	S-1963-1
BLU/GRN(1)	22	-22-6-5		SOLDER	S-1963-1
BLU/BLK(2)	22	-22-6-0		SOLDER	S-1963-1
BLU/BLK(1)	22	-22-6-0		SOLDER	S-1963-1
BLK/YEL(2)	22	-22-0-4		S-1963-2	SOLDER
BLK/YEL(1)	22	-22-0-4		SOLDER	S-1963-1
BLACK(3)	18	-18-0		SOLDER	S-1967-18
BLACK(2)	22	-22-0		S-1963-2	SOLDER
BLACK(1)	22	-22-0		SOLDER	S-1963-1
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

DESIGN	NAME	DATE	TITLE
G WOOD	H. Wood	12-30-70	WIRING DIAGRAM -
G WOOD	H. Wood	1-5-71	UGR-2 GLIDESLOPE WITH NARCO
K. WHITE	K. WHITE	2-8-71	MARK 12B & VOA-50M INDICATOR
PROJECT	STRESS	APPD	
71379	2070000		
SCALE: NONE	177RG	PAGE: 2.21.1	

CONTRACT NO.	DESIGN	NAME	DATE	TITLE
	G WOOD	H. Wood	12-30-70	WIRING DIAGRAM -
	G WOOD	H. Wood	1-5-71	UGR-2 GLIDESLOPE WITH NARCO
	K. WHITE	K. WHITE	2-8-71	MARK 12B & VOA-50M INDICATOR
	PROJECT	STRESS	APPD	
	71379	2070000		
	SCALE: NONE	177RG	PAGE: 2.21.1	

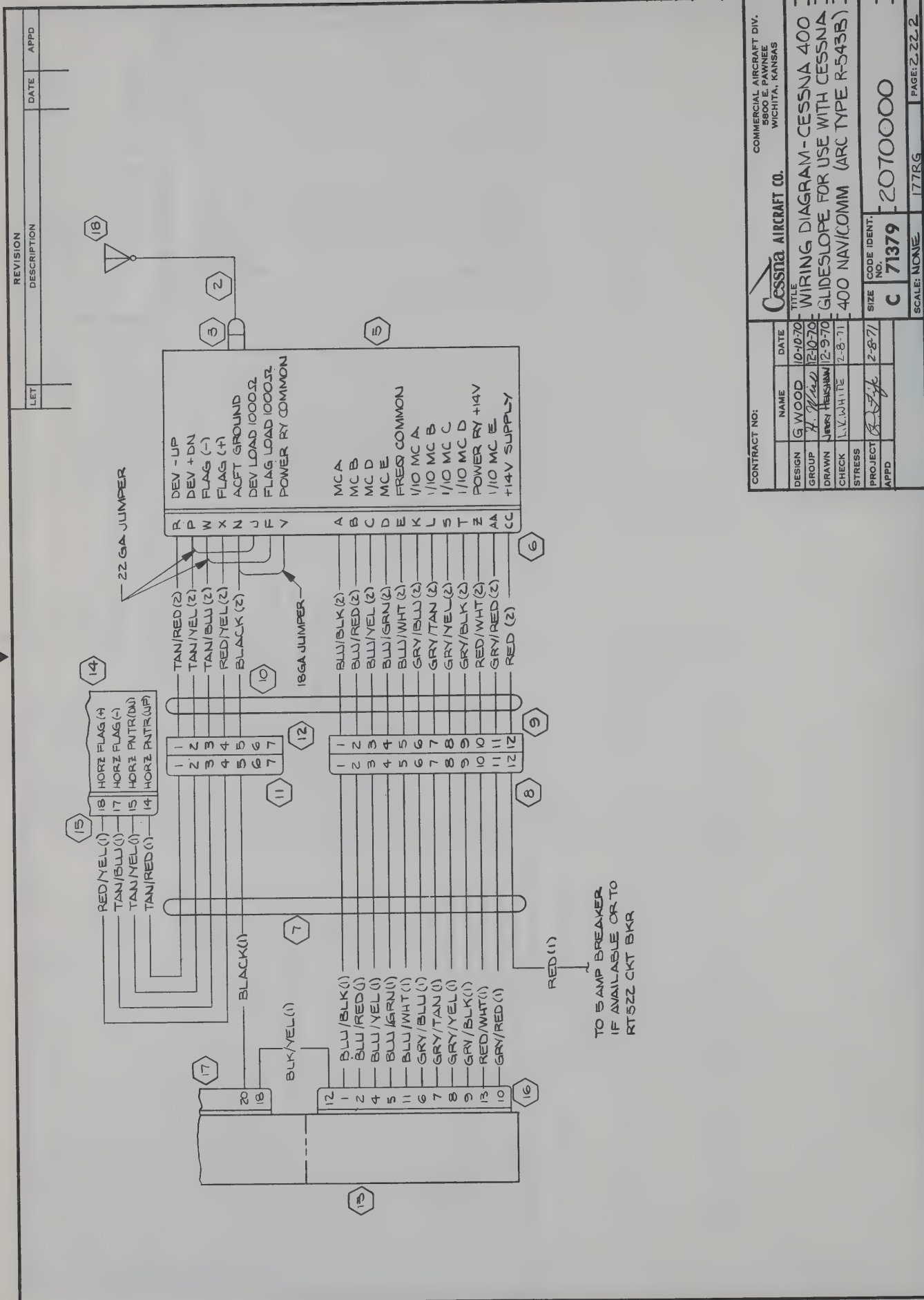
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	SEE PAGE 2.21.1 FOR REVISION	9-28-71	



CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 3800 E. PARKWAY WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
G WOOD	G WOOD	12-29-70	WIRING DIAGRAM - UGR-2		
GROUP	NAME	DATE	TITLE		
H. Wood	G WOOD	1-5-70	GLIDESLIDE WITH NARCO		
DRAWN	NAME	DATE	TITLE		
K. White	G WOOD	12-29-70	MARK 12B & VOA-50M INDICATOR		
CHECK	NAME	DATE	TITLE		
K. White	G WOOD	2-8-71	MARK 12B & VOA-50M INDICATOR		
STRESS	NAME	DATE	TITLE		
K. White	G WOOD	2-8-71	MARK 12B & VOA-50M INDICATOR		
PROJECT	NAME	DATE	TITLE		
K. White	G WOOD	2-8-71	MARK 12B & VOA-50M INDICATOR		
APPD	NAME	DATE	TITLE		
K. White	G WOOD	2-8-71	MARK 12B & VOA-50M INDICATOR		
CODE IDENT. NO. 71379			SIZE C	DWG NO. 2070000	
SCALE: NONE			177 RS	PAGE: 2.21.2	

EDARR 10185 (SRCSA9) II

[illegible]

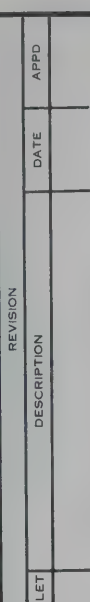


REVISION	DESCRIPTION	DATE	APPD
1	LET		

DESIGN	NAME	DATE	TITLE
G. WOOD	G. WOOD	10-10-70	WIRING DIAGRAM - CESSNA 400
GROUP			GLIDESLOPE FOR USE WITH CESSNA
DRAWN			400 NAV/COMM (ARC TYPE R-543B)
CHECK			
STRESS			
PROJECT			
APPD			

SIZE	CODE IDENT.	SCALE	PAGE
C	71379	177RG	2.22.2

COMMERCIAL AIRCRAFT DIV.	WICHITA, KANSAS
--------------------------	-----------------



THIS CABLE TO BE 4 FEET IN LENGTH.
JUMPERS TO BE 20 GA WIRE.
CENTER CONDUCTOR SOLDERED TO
S-2099-4 THEN CRIMPED TO INSERT
N ③.

CONTRACT NO:		Cessna® AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
WIRE TABLE		TITLE		WIRING DIAGRAM —	
DESIGN	G WOOD	DATE	8-4-71	CESSNA 300 & 400 DIGITAL	
GROUP	H. WOOD	DATE	9-23-71	ADF (ARC TYPE R-546 & R-346)	
DRAWN	G WOOD	DATE	9-20-71		
CHECK	LK WHITE	DATE	9-22-71		
STRESS				SIZE	
PROJ				CODE IDENT.	
APPD				NO	
OTHER				DWG NO	
				C 71379	
				SCALE: NONE	
				PAGE: 2.25.1	

CONTRACT NO:		Cessna® AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
WIRE TABLE		TITLE		WIRING DIAGRAM —	
DESIGN	G WOOD	DATE	8-4-71	CESSNA 300 & 400 DIGITAL	
GROUP	H. WOOD	DATE	9-23-71	ADF (ARC TYPE R-546 & R-346)	
DRAWN	G WOOD	DATE	9-20-71		
CHECK	LK WHITE	DATE	9-22-71		
STRESS				SIZE	
PROJ				CODE IDENT.	
APPD				NO	
OTHER				DWG NO	
				C 71379	
				SCALE: NONE	
				PAGE: 2.25.1	

CONTRACT NO:		Cessna® AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
WIRE TABLE		TITLE		WIRING DIAGRAM —	
DESIGN	G WOOD	DATE	8-4-71	CESSNA 300 & 400 DIGITAL	
GROUP	<i>H. W. 120</i>	DATE	9-22-71	ADF (ARC TYPE R-546 & R-346)	
DRAWN	G WOOD	DATE	9-20-71		
CHECK	LK WHITE	DATE	9-22-71		
STRESS		DATE			
PROJ	<i>W. J. 1/2</i>	DATE	7-23-71		
APPD		DATE			
OTHER		DATE			
SIZE		CODE IDENT.	DWG NO	SCALE: NONE	
C		NO 71379	2070000	PAGE: 2.25.1	

REVISION			
LET	DESCRIPTION	DATE	APPD
A	REDRAWN - NO CHANGE (SR 6349) II	SEB 8-24-70	LWJ 11/20/80 RF

NOTES:

- ALL CONNECTORS ARE VENDOR SUPPLIED IN KIT NO. 38411 EXCEPT FOR S1838-14 S1838-2 HOUSING
- GROUND AS CLOSE TO ACTUATOR UNIT AS POSSIBLE.

QTY	PART NO.	DESCRIPTION	VENDOR	CODE NO.	MATERIAL	LG	TERMINALS	SERIALS
25	1270449-11	CABLE ASSY						
24	1270449-9	CABLE ASSY						
23	1270449-7	CABLE ASSY						
22	1270449-4	CABLE ASSY						
21	1270449-3	CABLE ASSY						
20	0570084-1	JUNCTION BOX ASSY						
19	S1838-1	HOUSING						
18	S1838-2	HOUSING						
17	S1840-10	CIRCUIT BKR						
16	CA-2	CIRCUIT BKR						
15	50328-0002	PLUG						
14	35060-0014	RATE GYRO						
13	28440-0000	PLUG						
12	S1641-9	HOUSING						
11	S1640-9	HOUSING						
10	38423-0001	PLUG						
9	35070-1014	ROLL ACTUATOR						
8	28326-0005	PLUG						
7	30370-0100	DG						
6	29410-0000	PLUG						
5	28900-0000	OMNI COUPLER						
4	28336-0000	PLUG						
3	28371-0005	PLUG						
2	28371-0009	PLUG						
1	35660-1014	CONTROLLER AMPL						
EQUIPMENT TABLE								
SUPERSEDES:								
CES-1000 IS APPLICABLE								
VENDOR CODES PER S1400								
CES-XXXX-CESNA SPEC. NO.								
S-XXX OR CMXXXX-CESNA								
STD. NO.								
SUPERSEDED BY:								
VENDOR								
STRESS								
PROJ								
APPD								
OTHER								
CONTRACT NO:								
NAME								
DATE								
DESIGN								
GROUP								
CHECK								
L.K. WHITE								
R. YOUNGER								
H. WISE								
WIRING DIAGRAM -								
CESSNA 300 NAV-O-MATIC								
AUTOPILOT (14 VOLT)								
TITLE								
CESSNA AIRCRAFT CO.								
COMMERCIAL AIRCRAFT DIV.								
5800 E. PAWNEE								
WICHITA, KANSAS								
SIZE								
C								
CODE IDENT								
71379								
DWG NO								
2070001								
SCALE: NONE								
177RG								
PAGE: 14.2.0								

1
CONTROLLER
AMPL

2

10V
COMMON AC
AC (REF)
AC (REF)
HDG
OMNI
DC RETURN
PANEL LT

24

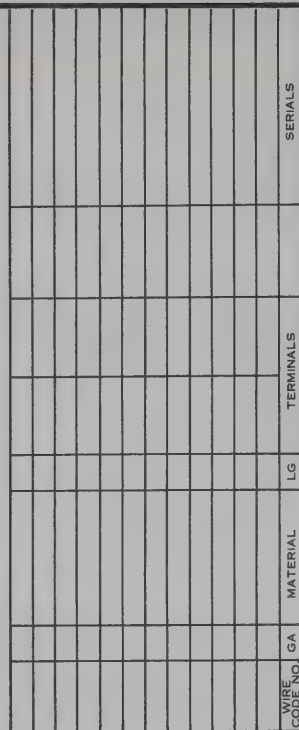
YELLOW

3

22

DG ROTOR (H)
DG ROTOR (C)
DG STATOR (X)
DG STATOR (Y)
DG STATOR (Z)

2000



WIRE TABLE			
CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5900 E. PAWNEE WICHITA, KANSAS	
Cessna. AIRCRAFT CO.		TITLE	
DESIGN	NAME	DATE	WIRING DIAGRAM — CESSNA 300 NAV-O-MATIC AUTOPILOT (14 VOLT)
GROUP	H. WISE	6-5-70	
DRAWN	R. YOUNGERS	6-5-70	
CHECK	J. K. WHITE	6-5-70	
STRESS			
PROJ	B. FIFE	6-8-70	SIZE
APPD			CODE IDENT.
OTHER			NO. 71379
			DWG NO
			2070001
SCALE: NONE			1772G
			PAGE: 14-2, 2

ITEM NO.	PART NO.	DESCRIPTION
	EQUIPMENT TABLE	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.		
SUPERSEDES:		
SUPERSEDED BY:		

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	182 SERIAL 18259306 & ON A182 SERIAL A182-0057 & ON		
2.0.2	Radio Spkr, Phone Jack, Mike, Light Rheo. & Pwr Ckts.	7-22-69	NC-Inac
2.0.3	Schematic Diagram - Audio Junction Box, Internal Wiring	5-12-69	A
2.0.4	Radio Spkr, Phone Jack, Mike, Light Dim & Pwr Ckts.	7-22-69	NC
2.0.5	Radio Spkr, Phone Jack, Mike, Light Dim & Pwr Ckts.	7-22-69	NC
2.3.1.4	Cessna 300 Nav/Com Type 540A, 517R with IN525A & IN-514	9-4-70	A-Inac
2.3.1.5	Cessna 300 Nav/Com Type 540A, 517R with IN525A & IN-514	9-4-70	A-Inac
2.4.2	Cessna 300 Marker Beacon (Type 502B)	6-29-70	A-Inac
2.4.4	W.D. - Cessna 300 Marker Beacon (Type 502B)	11-2-70	A
2.6.0.1	Cable Assy - Audio, Omni & XMTR Selector Switches	2-24-69	B
2.6.0.5	W.D. - Audio Selector Switch Push Button	9-28-71	NC
2.6.0.6	W.D. - Schematic Dual Voltage Regulator	9-28-71	NC
2.6.1.1	W.D. - Audio Selector Switches	5-13-71	A-Inac
2.6.1.2	W.D. - Audio Selector Switch - Push Button	5-13-71	NC
2.6.2.1	W.D. - Omni Audio Transmitter Switch	5-13-71	NC-Inac
2.6.2.2	W.D. - Omni Selector Switch Push Button	5-13-71	NC
2.6.3.1	W.D. - Transmitter Selector Switch	5-13-71	A-Inac
2.6.3.2	W.D. - Transmitter Selector Switch - Push Button	5-13-71	NC
2.6.4	Typical Switching - Narco Mark 12 & ADF	1-28-64	Inac
2.6.8.1	W.D. - Typical Switching, Narco Mark 12A & ADF	12-5-68	NC-Inac
2.7.3	Cessna Com 300 (ARC Type 524A)	8-16-68	NC
2.12	W.D. - Cessna ADF 300 (ARC Type 521B)	9-28-71	B-Inac
2.20.1	W.D. - Cessna DME 300	2-24-69	C
2.25.2	Cable Assembly - Narco Mark 12A	8-20-69	NC-Inac
2.25.3	W.D. Narco Mark 12A with VOA-8 & VOA-9	8-20-69	NC-Inac
2.36.2	W.D. - King KA-25C Audio Amplifier	8-16-68	NC



TITLE: RADIO WIRING DIAGRAMS
MODEL 182

DRAWING NO.

0770750

DATE: 15 April 1972

PAGE: 1 of 3

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

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PAGE NO.	TITLE	DATE ISSUED	REV
2.37.1	Narco UGR-2 Glideslope with Narco Mark 12A & VOA-9	8-20-69	A-Inac
2.38.1	W.D. - Cessna Glideslope 400 (ARC Type R-543B)	9-4-70	B-Inac
2.39.1	W.D. - Cessna 400 Glideslope (ARC Type R-543B)	6-9-70	B
2.40.3	W.D. - Typical Switching, Narco Mark 12A & ADF	8-16-68	NC
2.40.4	W.D. - Audio Switching - Narco Mark 12A	8-16-68	NC
2.41.3.0	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	6-9-70	E
2.41.3.1	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	6-9-70	E
2.41.3.2	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	10-28-67	A-Inac
2.41.4	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	10-28-69	C
2.44.1	W.D. - Mike Key - Control Wheel	8-25-69	B-Inac
2.44.2	W.D. - Mike Key - Control Wheel Mounted	7-8-70	NC-Inac
2.44.3	W.D. - Mike Key - Control Wheel Mounted	7-8-70	NC-Inac
2.44.4	Mike Key - Control Wheel Mounted	11-20-70	A
2.45.1.0	Cessna 300 HF (Type PT10-A)	8-3-70	B
2.45.1.1	Cessna 300 HF (Type PT10-A)	8-3-70	B
2.45.1.3	W.D. - Cessna (Type PT10A)	7-9-68	NC
2.46.0	Cessna 400 Transponder (ARC Type 506A)	7-23-68	NC
2.47.1	W.D. - Cessna 400 ADF (ARC Type 324A)	8-2-68	NC
2.48.1	W.D. - Cessna 300 Transponder	2-13-69	A
2.49.0	W.D. - Cessna 400 ADF (ARC Type 324A)	9-28-71	A-Inac
2.51.1	W.D. - Narco Mark 12B with VOA-40 Indicator	8-20-69	NC
2.51.2	W.D. - Narco Mark 12B with VOA-40 Indicator	8-20-69	NC
2.52.1	W.D. - Narco Mark 12B with VOA-50M Indicator	8-20-69	NC
2.52.2	W.D. - Narco Mark 12B with VOA-50M Indicator	8-20-69	NC
2.52.3	W.D. - Narco Mark 12B with VOA-50M Indicator	8-20-69	NC
2.53.1	W.D. - Cessna 300 Mkr Bcn (R502B) with VOA-50M Indicator	6-29-70	NC-Inac
2.53.2	W.D. - Cessna 300 Mkr Bcn (R502B) with VOA-50M Indicator	6-29-70	NC-Inac



TITLE: RADIO WIRING DIAGRAMS
MODEL 182

DRAWING NO.

0770750

DATE: 15 April 1972

PAGE: 2 of 3

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

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PAGE NO.	TITLE	DATE ISSUED	REV
2.53.4	W.D. - Cessna 300 Mkr Bcn (R502B) VOA-50M Indicator	11-2-70	A
2.53.5	W.D. - Cessna 300 Mkr Bcn (R502B) VOA-50M Indicator	11-2-70	A
2.54.1	W.D. - UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	6-9-70	A
2.54.2	W.D. - UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	6-9-70	A
2.55.1	W.D. - Sunair - SSB HF (ASB-125)	3-24-70	C
2.55.2	W.D. - Sunair - SSB HF (ASB-125)	3-24-70	C
2.56.0	Cessna 300R Nav/Com-VOR (ARC Type 508A & 528A)	9-4-70	NC
2.56.1	Cessna 300R Nav/Com-VOR (ARC Type 508A & 528A)	9-4-70	NC
2.56.2	Cessna 300R Nav/Com-VOR/ILS (ARC Type 528A)	9-4-70	NC
2.56.3	Cessna 300R Nav/Com-VOR/ILS (ARC Type 528A)	9-4-70	NC
2.57.1	Cessna 400 Glideslope (ARC Type R-543B)	9-4-70	NC
2.57.2	Cessna 400 Glideslope (ARC Type R-543B)	9-4-70	NC
2.59.1	W.D. - Cessna 300 & 400 Digital ADF (ARC Type R-546 & R-346)	9-28-71	NC
DRAWING NUMBER 0770610			
17.25.0	Cessna 300 Nav-O-Matic Autopilot	2-7-69	B-Inac
17.25.1	Cessna 300 Nav-O-Matic Autopilot	2-7-69	B-Inac
17.26.0	Cessna 300 Nav-O-Matic Autopilot	9-29-69	B
17.26.1	Cessna 300 Nav-O-Matic Autopilot	9-29-69	B
17.26.2	Cessna 300 Nav-O-Matic Autopilot	9-29-69	B



TITLE: RADIO WIRING DIAGRAMS
MODEL 182

DRAWING NO.

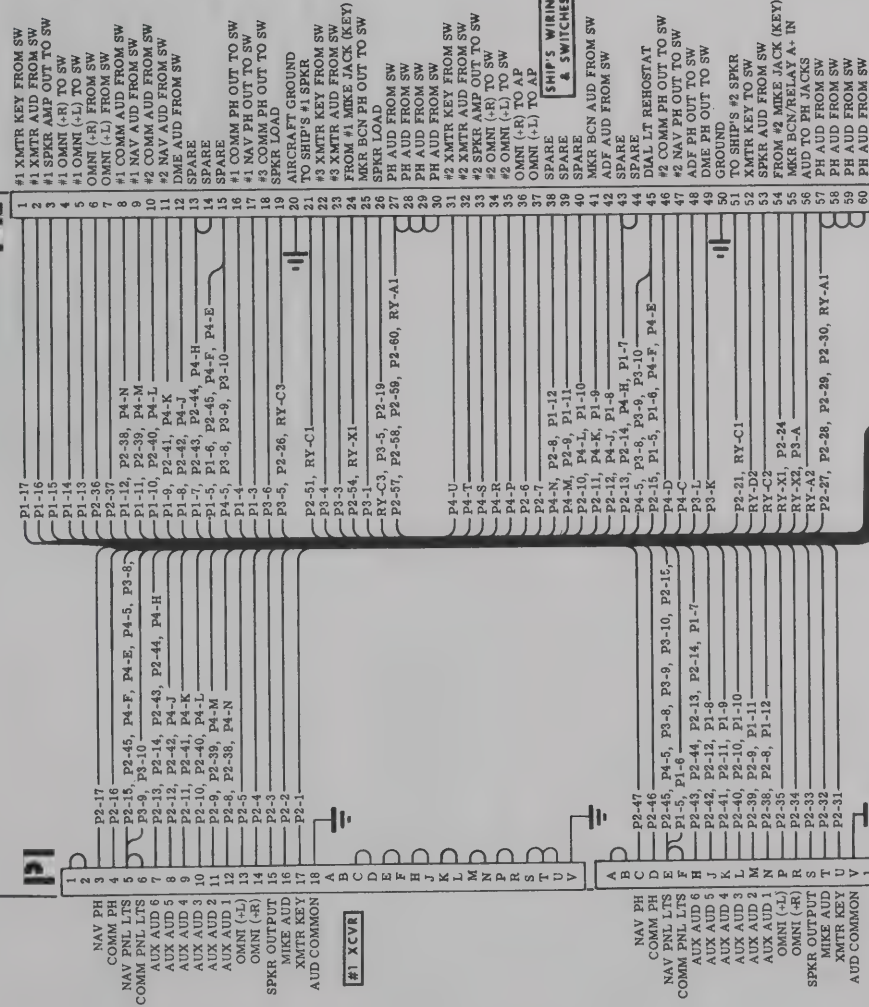
0770750

DATE: 15 April 1972

PAGE: 3 of 3

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

REVISIONS		
LTR	DESCRIPTION	DATE APPROVED
A	BY REV: 465195-2 WAS 46195-2; ADD NOTE 8 EDRR 24170	DGP B-1-68 WJH



NOTES:

- THIS DRAWING FOR TECHNICAL USE ONLY
- P1 AND P4 MATE WITH S-1838-2 HOUSING (AMP I-582191-5)
- P2 MATES WITH S-1838-1 HOUSING (AMP 480146-7)
- P3 MATES WITH S-1838-3 HOUSING (AMP 582963-2)
- ALL THE ABOVE HOUSINGS USE S-1837-1 CONTACT PINS (AMP 42717-3LP) AND S-1836-1 KEYING PLUGS (AMP 582501-1)
- CONTACTS CRIMP ON WITH AMP TOOL 90017
- CONTACTS EXTRACT WITH AMP TOOL 465195-2
- IF A CRIMPING TOOL IS NOT AVAILABLE WIRES MAY BE SOLDERED TO PINS IN LIEU OF CRIMPING

CONTRACT NO:

CASSIRA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAVNEE WICHITA, KANSAS	
DESIGN	DATE	TITLE	
V/R S/PES	1-17-69	SCHEMATIC DIAGRAM - AUDIO	
GROUP	W. Dale	JUNCTION BOX, INTERNAL	
DRAWN	NUCKOLLS	WIRING	
CHECK	HARRIS		
STRESS	W. DALE		
PROJECT	W. Dale		
APPD	W. Dale		
SIZE	C	CODE IDENT: DWG NO.	0770750
SCALE:	NONE	SER	18251994 & ON
PAGE:	182		

NOTES:

1. AMP RATING OF S-1360 CIRCUIT BREAKER TO BE DETERMINED BY INSTL

2. WIRES TO BE OF SUFFICIENT LENGTH TO ALLOW CONNECTION TO ALL POSSIBLE RADIO COMBINATIONS. TERMINALS TO ATTACH TO WIRES AS REQUIRED BY THE VARIOUS RADIO INSTALLATIONS

LET	DESCRIPTION	DATE	APPD

12	34002-55	TERMINAL BOARD	ETNC
11	S-1838-1	HOUSING	
10			
9	S-1641-6	HOUSING-SOCKET	
8	S-1640-6	HOUSING-PIN	
7	S-1637-2	HOUSING-PLUG	
6	S-1637-1	HOUSING-CAP	
5	S-1612-1	PHONE JACK	
4	S-1360	CIRCUIT BKR	
3	S-1102-1	MIKE JACK	
2	C596505-010	SPEAKER	
1	1570166-1	DIMMING ASSY	
PART NO.		DESCRIPTION	VENDOR
EQUIPMENT TABLE			
SUPERSEDES:		P 2.0.2	
SUPERSEDED BY:			

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESSNA SPEC. NO.
S-XXX OR CMXXX-CESSNA
STD. NO.

WIRE	CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK	22		22-9-O		S-1837-1	SOLDER
TAN	22		-22-10		S-1837-1	SOLDER
RED	16		-16-2		S-1837-1	SOLDER
BLU	22		-22-6		S-1837-1	SOLDER
YEL	22		-18-4		S-1837-1	SOLDER
GRN	20		-20-5		S-1837-1	S-1836-1
GRN	20		-20-5		S-1837-1	S-1829-1
BLK	22		-22-O		S-1837-1	S-1367-1-B
BLK	11		-22-O		S-1837-1	SOLDER

WIRE TABLE

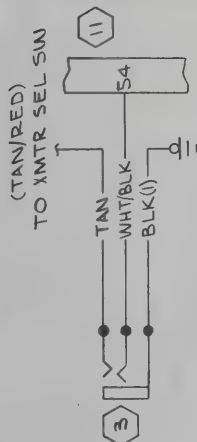
CONTRACT NO:		NAME	DATE
DESIGN	H. WISE	7-18-69	
GROUP	H. WISE	7-18-69	
DRAWN	D.L. BURKE	6-12-69	
CHECK	E. YOUNGER	6-24-69	
STRESS	W.C. DALE	7-17-69	
PROJ	W.C. DALE	7-17-69	
APPD	W.C. DALE	7-17-69	
OTHER			

TITLE	WIRING DIAGRAM -
	RADIO SPEAKER, PHONE JACK
	MIKE, LIGHT DIM & PWR CKTS

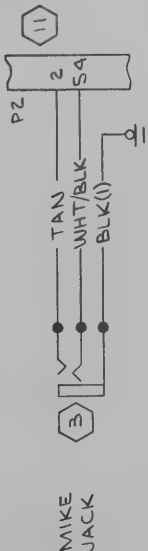
SIZE	C	CODE IDENT.	DWG NO
	71379		0770750

SCALE:	NONE	PAGE:	2.0.4
ED & RR	10532		182

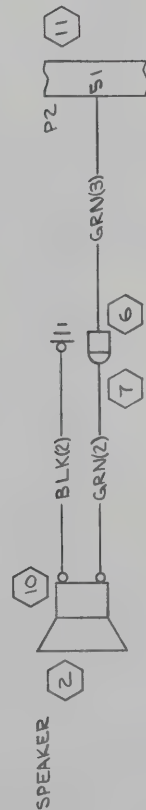
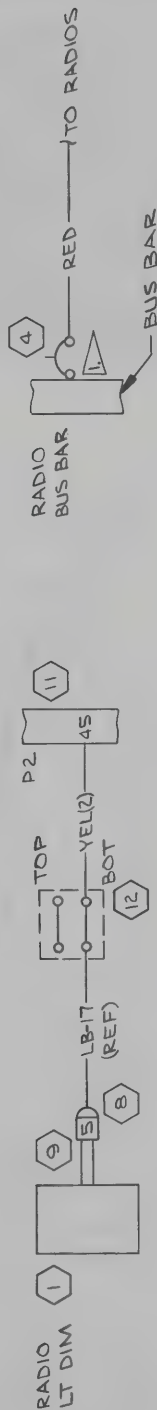
REVISIONS		
LTR	DESCRIPTION	DATE



DUAL XCVR INSTL



SINGLE XCVR INSTL



CONTRACT NO:		NAME	DATE
DESIGN GROUP		WIS	7/18/69
DRAWN		DL BURKE	6-12-69
CHECK		EX GUNGER	6-24-69
STRESS		W.C. DALE	7-17-69
PROJECT		Wichita, Kan.	7-11-69
APPD		Wichita, Kan.	7-11-69
SUPERSEDES:		P 2.0.2	
Cessna AIRCRAFT CO.		TITLE	
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		WIRING DIAGRAM - RADIO SPEAKER, PHONE JACK, MIKE, LIGHT DIM & PWR CKTS	
SIZE		CODE IDENT.	DWG NO.
C		71379	0770750
SCALE: NONE		PAGE: 182	PAGE: 2 OF 5

1. CESSNA 300 NAV/COM AMPLIFIERS ARE OPERATED "ALWAYS HOT" SPKR OUTPUTS FROM EACH SYSTEM DRIVE EITHER 50Q WATT DUMMY LOAD OR THE SPKR AS DETERMINED BY TRANSMITTER SELECTED

LET	REVISION	DATE	APPD
A	BY REV: ADD 32604-0000 ED & RR 10420	DLB 3-10-88	JWH mos 3-10-88

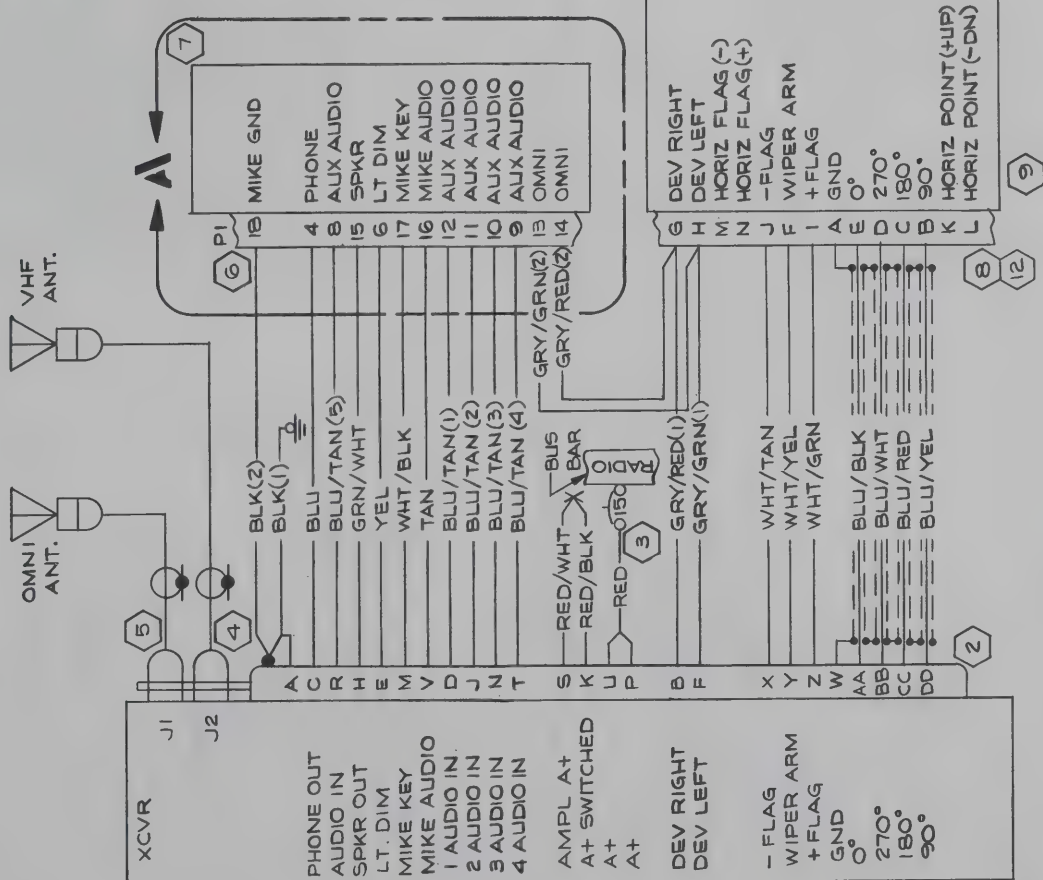
[illegible]

CONTRACT NO:		WIRE TABLE		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 1800 E. FARMER WICHITA, KANSAS	
TITLE		WIRING DIAGRAM --		Cessna			
DESIGN		SIPS VR		6/17/68			
GROUP		H MVR		8-19-68			
DRAWN		SCRAPER		7-30-68			
CHECK		HARRIS		8-1-68			
STRESS		HARRIS		8-5-68			
PROJECT		HARRIS		8-21-68			
APPRO		MDS		8-1-68			
SIZE		CODE IDENT.		DWG NO.			
C		NO.		0770750			
SCALE: NONE		182		PAGE: 2-3		J.4	

[illegible]

FORM NO. 80-21KA

REVISION		DATE	APPD
LET	DESCRIPTION		
A	REFER TO P 2.3.1.4		



INACTIVE ::
THRU SER(SR6647)
8-31-10
DLP

FOR OPTIONAL GLIDE-
SLOPE CHANNEL SECTION

6	V	MIKE GND
	D	PHONE
	J	AUX AUDIO
	S	SPKR
	L	LT DIM
	U	MIKE KEY
	T	MIKE AUDIO
	K	AUX AUDIO
	L	AUX AUDIO
	M	AUX AUDIO
	N	AUX AUDIO
	P	OMNI
	R	OMNI

A	MC-A
B	MC-B
D	MC-D
E	MC-E
F	FREQ COMMON
C	MC-C
M	$\frac{1}{10}$ A
H	$\frac{1}{10}$ B
R	GND
J	$\frac{1}{10}$ C
K	$\frac{1}{10}$ D
N	OFF ON CONTROL
P	G.S. LV+
L	$\frac{1}{10}$ E

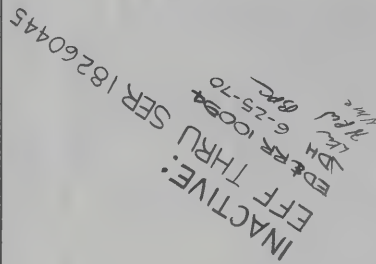
DETAIL A
2ND RADIO INSTL

[illegible]

CONTRACT NO.:		WIRE TABLE	
		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM -	
DESIGN		CESSNA 300 NAV/COM (TYPE	
GROUP		540A, 517R WITH IN525A&IN514)	
DRAWN		SCRAPER	
CHECK		HARRIS	
STRESS		ASHER	
PROJECT		1-20-68	
APPD		MDS	
NAME	DATE	SIZE	CODE IDENT.
SIF VR	4/7/68	1/20-68	DWG NO.
A W 40	8-19-68	C	71379
8-1-68	7-30-68		10770750
8-1-68	8-1-68		
8-6-68	8-6-68		
SCALE: NONE		PAGE: 2315	

ITEM NO.	PART NO.	DESCRIPTION
EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER 51400 5-XXX OR CMAXXX-CFSSNA STD. NO.		
		SUPERSEDES: P2.3.1.1
		SUPERSEDED BY: P2.3.1.3
		2-56-3

2. PART OF -290 CABLE ASSY



CONTRACT NO.:		WIRE TABLE	
 Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM -	
DESIGN		CESSNA 300 MARKER BEACON	
GROUP		(TYPE 502B)	
DRAWN			
CHECK			
STRESS			
PROJECT		SIZE CODE IDENT. DWG NO.	
APPD		C 71379 10770750	
		NO.	
		182	
		PAGE: 2 of 2	

6	0570084-1	JUNCTION BOX ASSY	7.15
5	5-1838-3	CONNECTOR	2.4.0
4	2B371-Q009	PLUG	2.4.0
3	0770681-1	MKR BCN ANT	6.6
2	-205-	CABLE ASSY	2.9
1	31240-0014	MKR BCN RCVR	4.5
PART NO.		DESCRIPTION	PAGE
EQUIPMENT TABLE			
SUPERSEDES:			
CES-1000 IS APPLICABLE VENDOR CODES PER S1400 CES-XXXX-CESNA SPEC. NO. 5-XXX OR CMXXXX-CESNA STD. NO. CMXXXX			
REV NO.		P. 2.4.1	
		P. 2.4.4	

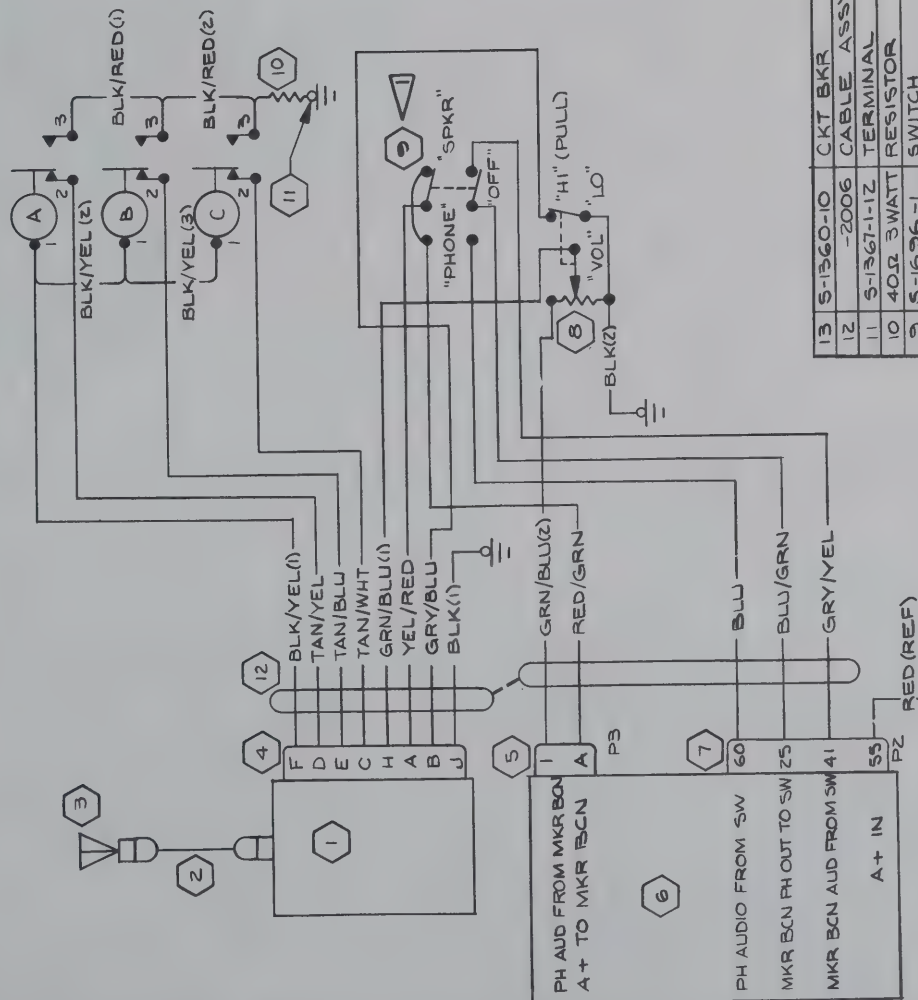
REVISION

LET	DESCRIPTION	DATE	APPRO
A	BY REV: INTERCHANGE THE TWO GRN/BLU. WIRES TO S-2062-3, S-2062-3 VRS WAS S-2062-1. SER 18260446 & ON	10-14-70	WU
			H/LC H/MC

" MIDDLE "

" OUTER "

" AIRWAYS "



WIRE NO.	WIRE LG	WIRE MATERIAL	WIRE TERMINALS	SERIALS
GRN/BLU 20	-20-5-6		SOLDER	S-1837-1
TAN/WHI 22	-22-10-9		SOLDER	
TAN/BLU 22	-22-10-6		SOLDER	
TAN/YEL 22	-22-10-4		SOLDER	
GRY/BLU 22	-22-8-6		SOLDER	
GRY/YEL 22	-22-8-4		SOLDER	S-1837-1
BLU/GRN 22	-22-6-5		SOLDER	S-1837-1
BLU 22	-22-6		SOLDER	S-1837-1
GRN/BLU 20	-20-5-6		SOLDER	
YEL/RED 20	-20-4-2		SOLDER	
RED/GRN 20	-20-2-5		SOLDER	S-1837-1
BLK/YEL 22	-22-0-4		SOLDER	
BLK/YEL 22	-22-0-4		SOLDER	
BLK/YEL 22	-22-0-4		SOLDER	
BLK/RED 22	-22-0-2		SOLDER	
BLK/RED 22	-22-0-2		SOLDER	
BLK(2) 22	-22-0		SOLDER	S-1837-1-8
BLK(1) 22	-22-0		SOLDER	S-1837-1-8

WIRE TABLE

CONTRACT NO. _____

NAME _____ DATE _____

DESIGN _____

GROUP _____

DRAWN _____

CHECK _____

STRESS _____

PROJ _____

APPD _____

OTHER _____

WIRING DIAGRAM -
CESSNA 300 MARKER
BEACON (TYPE 502B)

CODE IDENT. NO. _____

SIZE _____

SCALE: NONE

PAGE: 2.4.4

WIRE NO.	WIRE LG	WIRE MATERIAL	WIRE TERMINALS	SERIALS
13	S-1360-10	CKT BKR	2.4.3	
12	-2006	CABLE ASSY	2.4.3	
11	S-1367-1-12	TERMINAL	2.4.3	
10	40R 3WATT	RESISTOR	2.4.3	
9	S-1696-1	SWITCH	2.4.3	
8	S-2062-3	CONTROL	2.4.3	
7	S-1838-1	CONNECTOR	2.4.3	
6	0570084-1	JUNCTION BOX	7.15	
5	S-1838-3	CONNECTOR	2.4.3	
4	28371-0009	PLUG	2.4.3	
3	0770681-1	MKR BCN ANT	6.6	
2	-205	CABLE ASSY	2.9	
1	31240-0014	MKR BCN RCVR	4.5	

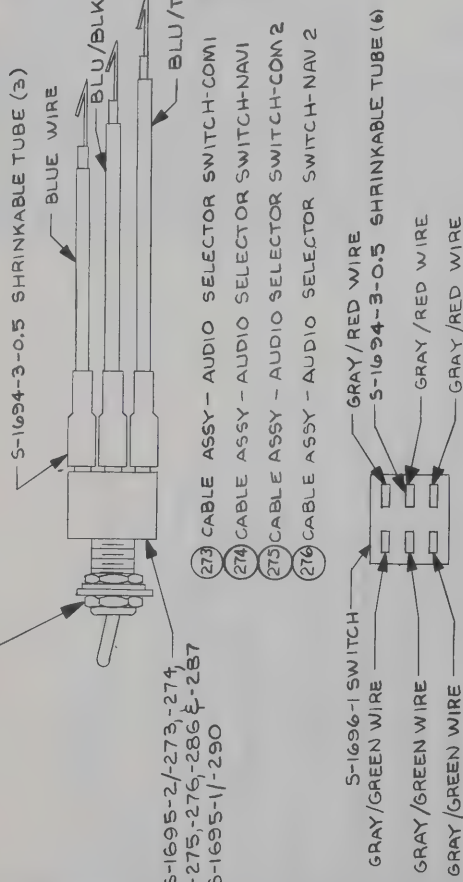
WIRE NO.	WIRE LG	WIRE MATERIAL	WIRE TERMINALS	SERIALS
13	S-1360-10	CKT BKR	2.4.3	
12	-2006	CABLE ASSY	2.4.3	
11	S-1367-1-12	TERMINAL	2.4.3	
10	40R 3WATT	RESISTOR	2.4.3	
9	S-1696-1	SWITCH	2.4.3	
8	S-2062-3	CONTROL	2.4.3	
7	S-1838-1	CONNECTOR	2.4.3	
6	0570084-1	JUNCTION BOX	7.15	
5	S-1838-3	CONNECTOR	2.4.3	
4	28371-0009	PLUG	2.4.3	
3	0770681-1	MKR BCN ANT	6.6	
2	-205	CABLE ASSY	2.9	
1	31240-0014	MKR BCN RCVR	4.5	

WIRE NO.	WIRE LG	WIRE MATERIAL	WIRE TERMINALS	SERIALS
13	S-1360-10	CKT BKR	2.4.3	
12	-2006	CABLE ASSY	2.4.3	
11	S-1367-1-12	TERMINAL	2.4.3	
10	40R 3WATT	RESISTOR	2.4.3	
9	S-1696-1	SWITCH	2.4.3	
8	S-2062-3	CONTROL	2.4.3	
7	S-1838-1	CONNECTOR	2.4.3	
6	0570084-1	JUNCTION BOX	7.15	
5	S-1838-3	CONNECTOR	2.4.3	
4	28371-0009	PLUG	2.4.3	
3	0770681-1	MKR BCN ANT	6.6	
2	-205	CABLE ASSY	2.9	
1	31240-0014	MKR BCN RCVR	4.5	

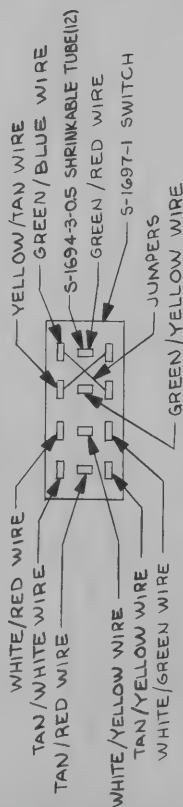
NOTES:

1. PHONE FUNCTION TO BE ON KEYWAY SIDE OF SWITCH

WHEN CABLE ASSYS ARE INSTALLED, THIS NUT IS REPLACED BY S-1216-3 NUT (REF)



(277) CABLE ASSY-OMNI SELECTOR SWITCH (REAR VIEW)



(278) CABLE ASSY-TRANSMITTER SELECTOR SW (REAR VIEW)

NOTES:

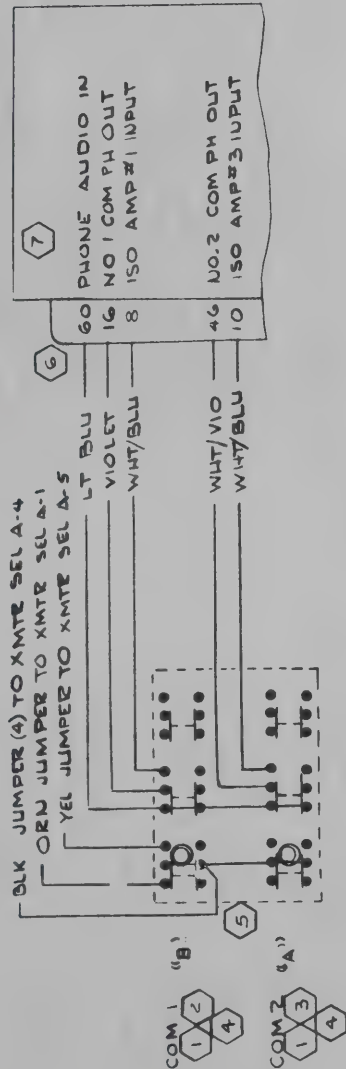
1. S-1694-3-0.5 TUBING INSTALLED ON ALL SWITCHES AS SHOWN ON AUDIO SELECTOR SWITCH
2. SWITCHES SHOWN WITH KEYWAY AT TOP
3. ALL WIRES ARE REFERENCED. REFER TO APPLICABLE WIRING DIAGRAM FOR FABRICATION INFORMATION

LET	REVISION	DESCRIPTION	DATE	APPD
A		BY REV: ADD - 286, 287, COM 1 WAS SW #1; NAV 1 WAS SW #2, COM 2 WAS SW #3; NAV 2 WAS SW #4 ED: RR 10067 18259306 & ON.	LES 8-26-68	JWA MOS MOS vrs 1/10 vrs 1/10 P
B		BY REV: S-1695-1/-290 WAS S-1695-2 ED: RR 10387	DLB 2-17-69	JWH MOS MOS WCD 1/10

NO.	REQD	NEXT	ASSY	EFFECTIVE SERIALS	PAGE	PART NUMBER	DESCRIPTION
1						S-1695-1	SWITCH
						-290	CABLE ASSY-MKR BGN SEL SW
						-287	CABLE ASSY-AUD SW, ADF
						-286	CABLE ASSY-AUD SW, DME
						2.6.1.1	WIRING
						2.6.2.1	WIRING
						2.6.3.1	WIRING
						S-1697-1	SWITCH
						S-1696-1	SWITCH
						S-1695-2	SWITCH
						S-1694-3-0.5	SHRINKABLE TUBE
						-278	CABLE ASSY-OMNI SEL SW
						-277	CABLE ASSY-OMNI SEL SW
						-276	CABLE ASSY-AUD SW, NAV 2
						-275	CABLE ASSY-AUD SW, COM 2
						-274	CABLE ASSY-AUD SW, NAV 1
						-273	CABLE ASSY-AUD SW, COM 1

LIST OF MATERIAL

DO NOT SCALE PRINT BREAK ALL SHARP EDGES A/R = AS REQD CES-XXXX-CESNA SPEC. NO. S-XXX OR CXXXX-CESNA STD. NO. S-XXXXX EQUAL SPACES CESNA IS APPLICABLE VENDOR CODES PER S-1400		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS MACH FORMED CES 102 FOR BASIC CODES SEE NAS 253 BB-NS2042AD BB-NS2047AD		CONTRACT NO:	
DESIGN	NAME	DATE	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
GROUP	SPE'S VR	6/3/48	TITLE		
DRAWN	SCRAPER	6-25-68	CABLE ASSY-AUDIO, OMNI & XMTR SELECTOR SWITCHES		
CHECK	G. IRVIN	6-28-68			
STRESS	R.F. GEIDE	7-1-68			
PROJECT	SWANLEY	7-1-68			
APPD	SWANLEY	6-28-68			
SUPERSEDED BY:		P. 2.6.0		SIZE CODE IDENT:	
				C 71379	
				0770750	
				SCALE: NONE	
				182	
				PAGE: 2.6.0.1	



DUAL 300 NAV/COM WIRING

PART NO.	DESCRIPTION
7 0570084-1	JUNCTION BOX
6 S-1838-1	HOUSING
5 1270715-1	BOARD ASSY
4 S-2134-1	LIGHT
3 S-2133-13	LENS
2 S-2133-12	LENS
1 S-2131-1	SWITCH

PART NO.	DESCRIPTION
EQUIPMENT TABLE	
SUPERSEDES:	
CES-1000 IS APPLICABLE	
VENDOR CODES PER S-1400	
CES-XXXX-CESNA SPEC. NO.	
S-XXX OR CMXXX-CESNA	
STD. NO.	

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/NO 22		BELDEN 8568		SOLDER	S-1837-1
WHT/BLU 22					S-1837-1
VIO 22					S-1837-1
LT BLU 22					S-1837-1
YEL 22				SOLDER	
ORN 22				SOLDER	
BLK 22		BELDEN 8568		SOLDER	

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

CONTRACT NO.	NAME	DATE
	VE SIPIES	7/12/71
DESIGN GROUP	H. W. W. W.	9-22-71
DRAWN	VR SIPIES	9-22-71
CHECK	VR WHITE	9-22-71
STRESS		
PROJ	W. M. C. C.	9-22-71
APPD		
OTHER		

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

LET	DESCRIPTION	DATE	APPD

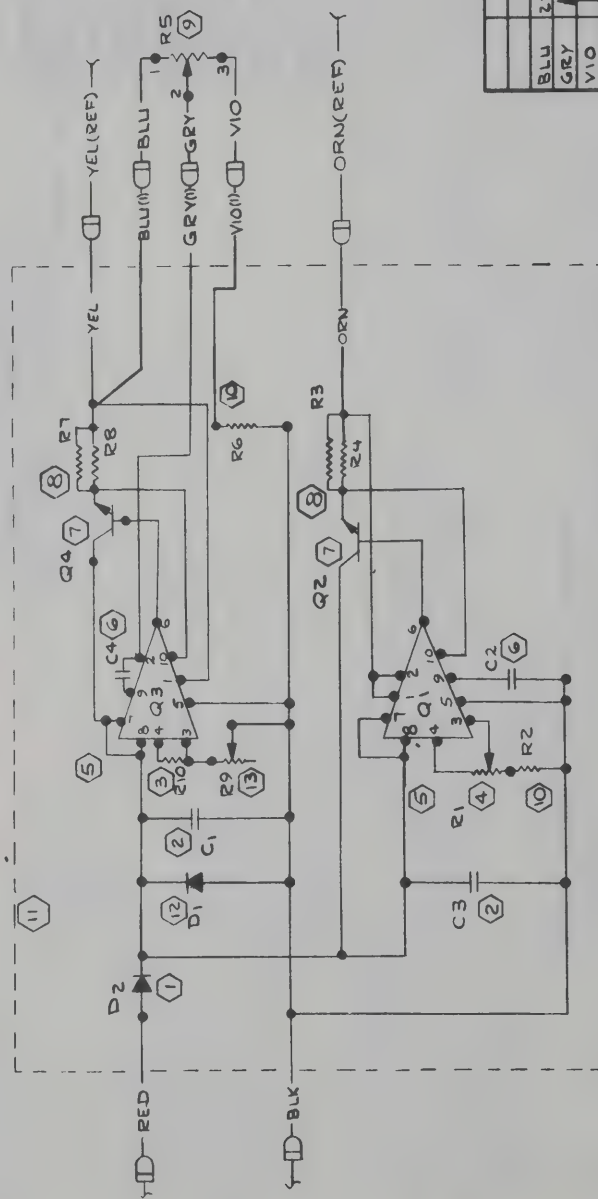
LET	DESCRIPTION	DATE	APPD

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM —
AUDIO SELECTOR SWITCH
PUSH BUTTON

SIZE	CODE IDENT	DWG NO
C	71379	0770750
SCALE: NONE	182	PAGE: 246-0.5

REVISION	DESCRIPTION	DATE	APPD
LET			



ITEM NO.	DESCRIPTION	PART NO.
13	EOB68700C	POT
12	1N462A	DIODE
11	1270713-1	REGULATOR ASSY
10	1-4-5P470EB	RESISTOR
9	3859A-281103A	POT
8	1-4-5P1EB	RESISTOR
7	MJE 3055	TRANSISTOR
6	C280AE/1K	CAPACITOR
5	MC 1723CG	INTEGRATED CKT
4	EOB680/4K1	POT
3	1-4-5P560EB	RESISTOR
2	C280AE/100K	CAPACITOR
1	1N2070	DIODE
		VENDOR

EQUIPMENT TABLE	
PART NO.	DESCRIPTION

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESNA SPEC. NO.
S-XXX OR CMXXX-CESNA
STD. NO.

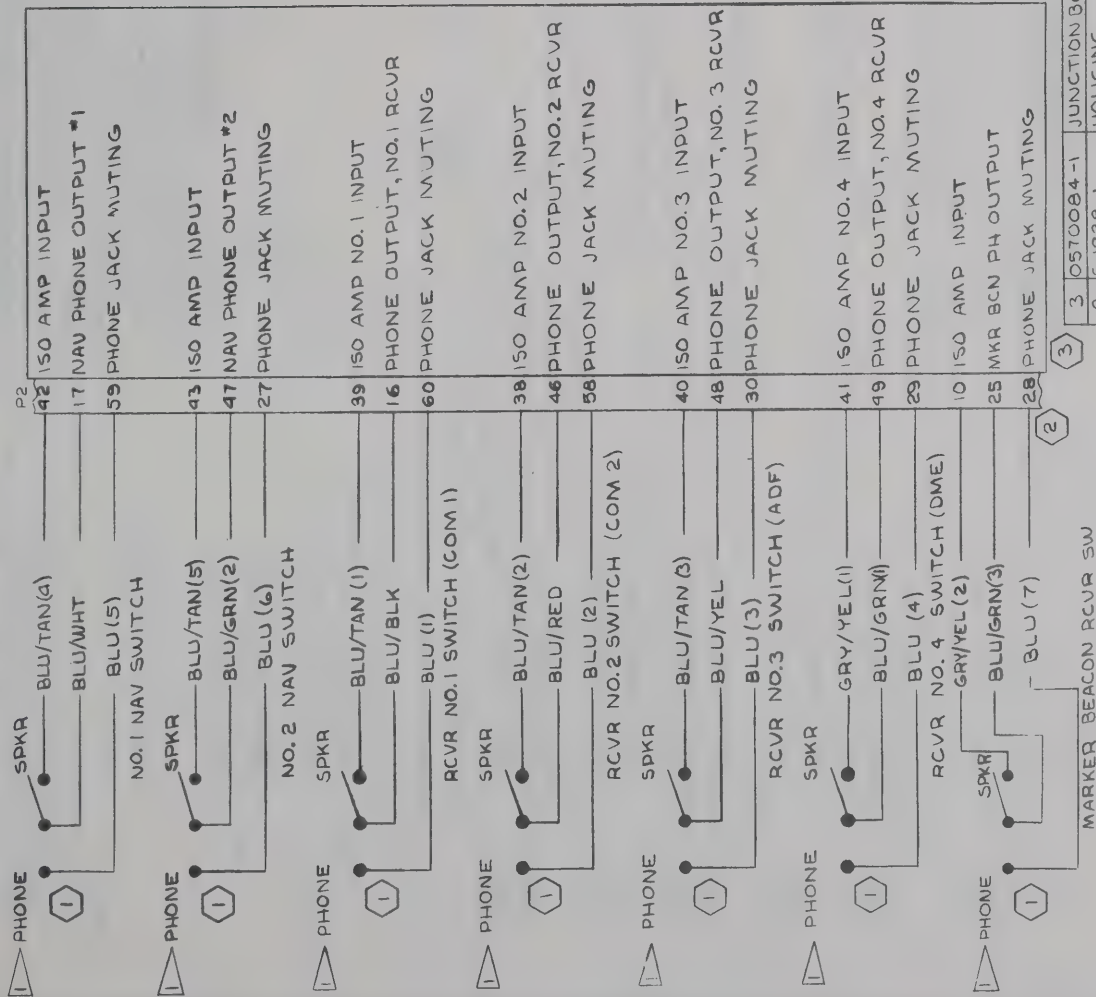
WIRE	CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
BLU	22	BELDEN 8548				
GRY						
VIO						
YEL						
BLU(1)						
GRY(1)						
VIO(1)						
ORN						
BLK						
RED	22	BELDEN 8548				

WIRE TABLE			
CONTRACT NO.		Cessna. AIRCRAFT CO.	
COMMERCIAL AIRCRAFT DIV 5800 E PAWNEE WICHITA, KANSAS			
TITLE		WIRING DIAGRAM — SCHEMATIC DUAL VOLTAGE REGULATOR	
DESIGN	VR SIPS	DATE	8/21/71
GROUP	H. Wiers 9-28-71		
DRAWN	VR SIPS	9-28-71	
CHECK	LK WHITE	9-28-71	
STRESS			
PROJ	H. M. Carter 9-22-71		
APPD			
OTHER			
SIZE		CODE IDENT	DWG NO
C		NO. 71379	0770750
SCALE: NONE		PAGE: 2-6-0-6	

(SR 6754) IX

NOTES:

1 SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH



LET	REVISION	DATE	APPD
A	BY REV: ADD #1 NAV SW, #2 NAV SW, MKR BCN RCVR SW, BLU/TAN(4), BLU/TAN(5), GRN/YEL(2), BLU/WHT, BLU/GRN(2), BLU/GRN(3), BLU(5), BLU(6), BLU(7), 49 WAS 25; 29 WAS 28 28	LES 10-6-68	HCS JWA 11M AA HAW

(SR5832) IX

INACTIVE EFF TREC
18260825
VRS 5-11-71
HAW

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU(7)	22	-22-6		SOLDER S-1837-1	
BLU(6)		-22-6			
BLU(5)		-22-6			
BLU/WHT		-22-6-9			
BLU/TAN(5)		-22-6-10			
BLU/TAN(4)		-22-6-10			
BLU/GRN(3)		-22-6-5			
BLU/GRN(2)		-22-6-5			
GRN/YEL(2)		-22-8-4			
GRN/YEL(1)	22	-22-8-4		SOLDER S-1837-1	
BLU/YEL		-22-6-4			
BLU/GRN(1)		-22-6-5			
BLU/TAN(3)		-22-6-10			
BLU/TAN(2)		-22-6-10			
BLU/TAN(1)		-22-6-10			
BLU/RED		-22-6-2			
BLU/BLK		-22-6-0			
BLU(4)		-22-6			
BLU(3)		-22-6			
BLU(2)		-22-6			
BLU(1)	22	-22-6		SOLDER S-1837-1	
WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO.

Cessna AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

DESIGN	NAME	DATE
GROUP	SIPES VR	6/3/68
DRAWN	H. HAW	7-3-68
CHECK	SCRAPER	6-25-68
STRESS	G. IRVIN	6-28-68
PROJECT	R. F. GEIDE	7-1-68
APPD	SWANEY	6-28-68

WIRING DIAGRAM - AUDIO SELECTOR SWITCH

SIZE

CODE IDENT.

DWG NO.

NO.

71379

0770750

SCALE: NONE

PAGE: 2.6.1.1

ED4RR02384 (SR5832) IX

3 0570084-1 JUNCTION BOX ASSY 7.15

2 S-1838-1 HOUSING

1 S-1695-2 SWITCH

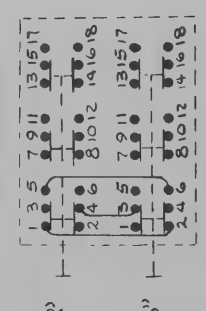
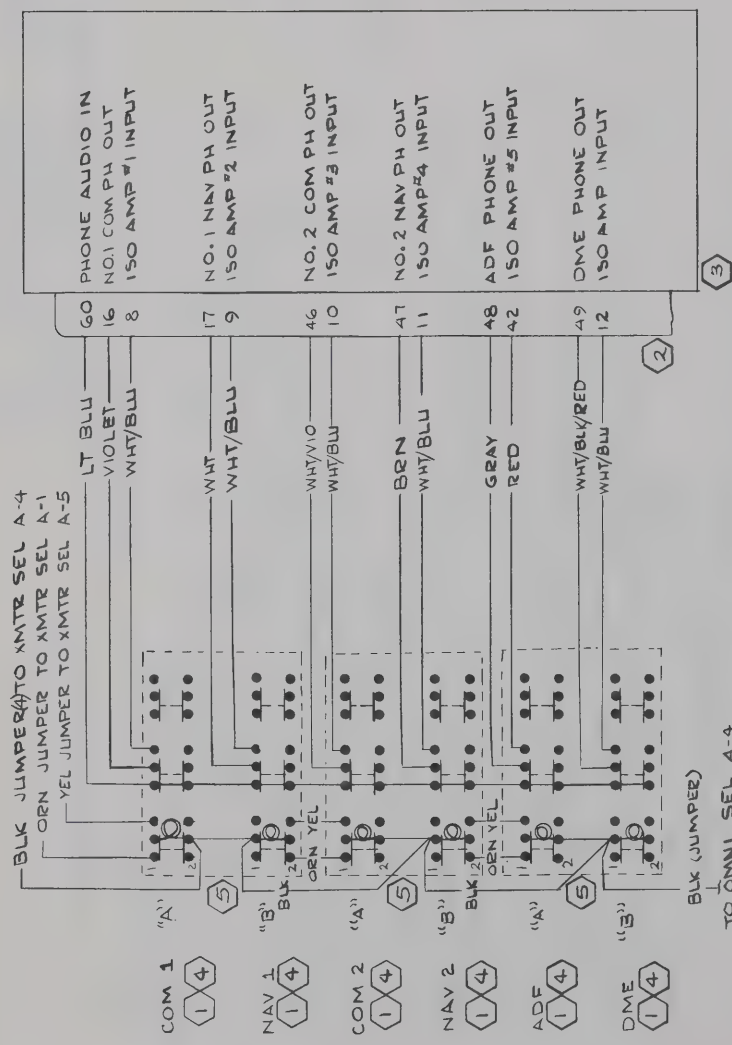
2.6.0.1 PAGE

EQUIPMENT TABLE

SUPERSEDES: P 2.6.1

SUPERSEDED BY: P 2.6.1.2

GES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.



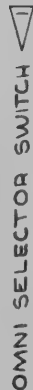
TYPICAL VIEW OF SWITCHES

- NOTES:
1. ALL SWITCHES SHOWN IN 'PHONE' POSITION.
 2. ALL JUMPERS BETWEEN BOARDS ARE TO BE COLOR OF INCOMING WIRE.
 3. WHEN ADF ONLY OR DME ONLY IS INSTALLED, ADD JUMPER WIRES BETWEEN A9 TO B9 AND A11 TO B11.

ITEM NO.	PART NO.	DESCRIPTION
5	1270714-1	BOARD ASSY
4	5-2134-1	LIGHT
3	0570084-1	JUNCTION BOX ASSY
2	5-1838-1	HOUSING
1	5-2131-1	SWITCH

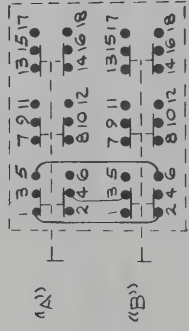
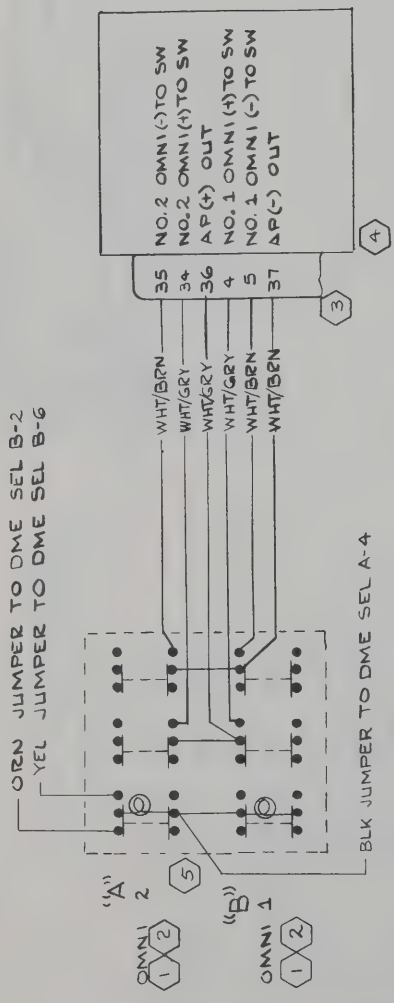
CONTRACT NO.	NAME	DATE
DESIGN	YR SIPS	DATE
GROUP	YR SIPS	DATE
DRAWN	YR SIPS	DATE
CHECK	YR SIPS	DATE
STRESS	YR SIPS	DATE
PROJ	YR SIPS	DATE
APPD	YR SIPS	DATE
OTHER	YR SIPS	DATE

! OMNI 2 FUNCTION TO BE ON KEYWAY SIDE OF SWITCH



CONTRACT NO:		WIRE TABLE		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAVNSEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM —		OMNI AUDIO TRANSMITTER		PAGE: 2.6.2.1	
SIZE		C		DWG NO.		102	
SCALE: NONE		NONE		C 71379		0770750	
PROJECT		WPA 6-		7-1-68			
APPO		SWANEY		6-28-68			
DESIGN GROUP		SIPES V R		4/3/68			
DRAWN		SCRAPER		6-25-68			
CHECK		G IRVIN		6-28-68			
STRESS		R F G E I D E		7-1-68			

LET	DESCRIPTION	DATE	APPD



TYPICAL VIEW & ELECT CONNECTION OF SWITCHES

NOTES:
1. ALL JUMPERS TO BE SAME COLOR AS INCOMING WIRE.

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	BELDEN 8568		SOLDER SOLDER	
WHI/GRY	22	BELDEN 8568		SOLDER S-1837-1	
WHI/BRN	22				
WHI/GRY	22				
WHI/BRN	22				
YEL	22			S-1837-1 SOLDER	
ORN	22	BELDEN 8568		SOLDER SOLDER	

WIRE TABLE

CONTRACT NO:		NAME		DATE
5 1270716-1		BOARD ASSY		
4 0570084-1		JUNCTION BOX		
3 5-1838-1		HOUSING		
2 5-2134-1		LIGHT		
1 5-2131-1		SWITCH		
EQUIPMENT TABLE		DESCRIPTION		
SUPPLIES:		0770750 126 2-6-2.1		
VENDOR CODES PER S-1400		CES-XXXX-CESSNA SPEC. NO.		
S-XXX OR CMXXXX-CESSNA		STD. NO.		
SUPERSEDED BY:		0770750		
STRESS		5-13-71		
PROJ		5-13-71		
APPD		5-13-71		
OTHER		5-13-71		
CODE IDENT.		71379		
SIZE		C		
SCALE:		NONE		
PAGE:		2-6-2.2		

CESSNA AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM -
OMNI SELECTOR SWITCH -
PUSH BUTTON

(SIR6754)



INACTIVE EFF THRU 18260825
9-11-71 YES 11/11

[illegible]

CODE NO.	CONTRACT NO.			WIRE TABLE		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 8000 E. PIKE WICHITA, KANSAS	
	NAME	DATE	TITLE			WIRING DIAGRAM - TRANSMITTER SELECTOR SWITCH			
	DESIGN	SIZES, YR.	6/3/68						
	GROUP		H. W. W.						
	DRAWN		SCRAPER						
	CHECK		G. IRVIN						
	STRESS		R.F. GORD						
	PROJECT		1-2-68						
	APPRO		SWANEY						
			C			CODE IDENT. NO.		DWG NO.	
			C			71379		0770750	
			SCALE: NONE			1B2		PAGE: 2 of 3	

5	S-1637-2	HOUSING-PLUG	
4	S-1637-1	HOUSING-CAP	
3	05T0084-1	JUNCTION BOX ASSY	
2	S-1831-1	CONNECTOR	
1	S-1637-1	SWITCH	
PART NO.		DESCRIPTION	
		EQUIPMENT TABLE	

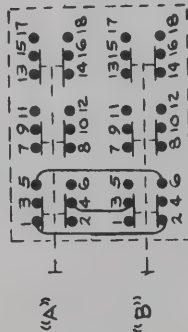
CES-1000 IS APPLICABLE
 VENDOR CODES PER S1400
 CES-XXXX=CESNA SPEC. NO.
 S-XXX OR CMXXXX=CESNA
 STD. NO.

SUPERSEDES: P2.6.3

SUPERSEDED BY:
P2.6.3.2

NOTES:

1. TRANSMITTER NO. 1 IS ON KEYWAY SIDE OF SWITCH



NOTES:

1. ALL JUMPERS BETWEEN BOARDS ARE TO BE SAME COLOR OF INCOMING WIRE.

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1000
CES-XXXX-CESNA SPEC. NO.
S-XXX OR CMXXXX-CESNA
STD. NO.

WIRE TABLE

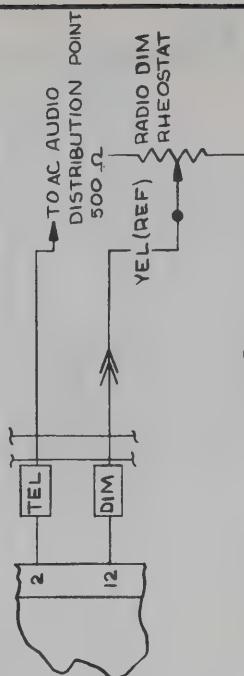
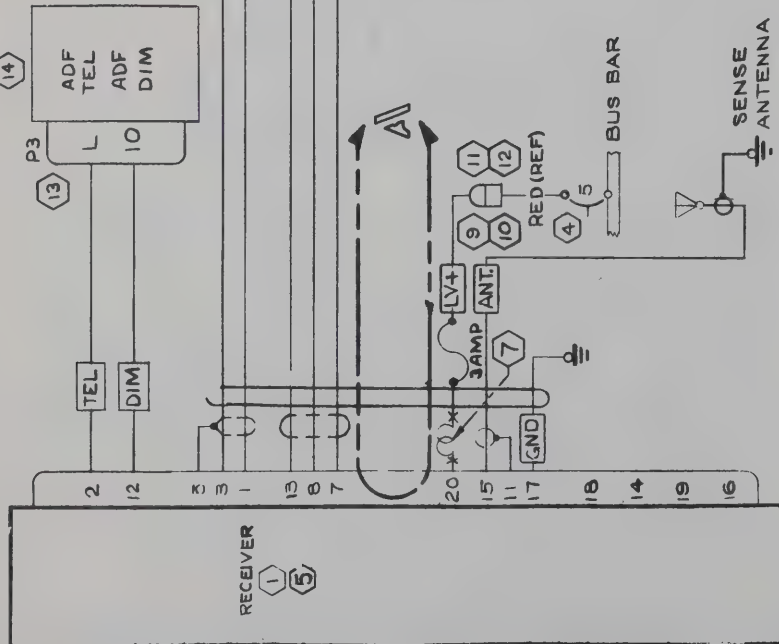
SCALE: NONE	132	PAGE: 26.3-2
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(526754) ~~IX~~

CES-1000 IS APPLICABLE VENDOR CODES PER S-400 CES-XXXX=CESNA SPEC. NO. S-XXX OR CMXXXX=CESNA STD. NO.	SUPERSEDED: P2.7.2	SUPERSEDED BY:
--	-------------------------------	-----------------------

(SR4451)

CHG	REV	REVISION	BY	CHK
LET	DATE			
A	9-10-65	ADDED: 26.3 CHOKES IN A+LINE, 31821, 4 NOTE: 2-32880-1000 WAS 32880-1000	SKA	SKA
B	7-30-66	BY REV: ADD DETAIL A, S- 1636-1, S-1635-1, S-1637-1, S-1637-2, S-1638-3, 4 0570084-1; 35700-1000 R- 521B WAS 28340-1500 R- 521A-15; 32880-0100 WAS 32880-1000 L-521B-10; 35700-1100 R-521B WAS 28340- 1400 R-521A-14; XR6637 WAS R-124-75-R534	LES	WJH
		EDARR02391 (SR5852) II		



DETAIL A
THRU SER 18259305

INACTIVE: 18255845
EFF SER 182590825
THRU SER 18259305
REV 10-22-66
REV 10-22-66
REV 10-22-66

14	0570084-1	JUNCTION BOX
13	5-1638-3	HOUSING
12	5-1637-2	HOUSING-PLUG
11	5-1637-1	HOUSING-CAP
10	5-1635-1	PIN
9	5-1636-1	SOCKET
8	33827	LOOP CABLE (ARC) (00779)
7	A-269	CHOKES (23939)
6	XR6637	RHEOSTAT (83777)
5	35700-1100	RCVR (WITH BFO) (ARC R-521B)
4	S-1360-5	CIRCUIT BREAKER
3	32880-0100	INDICATOR (ARC) (ARC IN-521B)
2	32880-0100	LOOP (ARC) (00779)
1	35700-1000	RCVR (WITHOUT BFO) (ARC R-521B)
	PART NO.	DESCRIPTION
		INSTALLED ON

NOTES:

1. CONNECTIONS SHOWN ARE FOR TOP MOUNTED SENSE & BOTTOM MOUNTED LOOP ANTENNA.
2. ALL WIRES ARE VENDOR FURNISHED WITH RCV, EXCEPT CHOKES IN CIRCUIT BETWEEN PIN 20 & THE FUSEHOLDER WHICH MUST BE ADDED ON INSTL IN ACFT.

WIRE TABLE

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
CODE NO.					
NAME	DATE				
DRAWN	BREEN 5-5-64				
GROUP	182590825				
CHECK	182590825				
PROJ	182590825				
SUPPLEMENT	P2-59.1				
SUPPLEMENT	0770610				
PAGE	175				
MODEL	182				
REV	B				
PAGE	2.12				

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

WIRING DIAGRAM —

CESSNA ADF 300

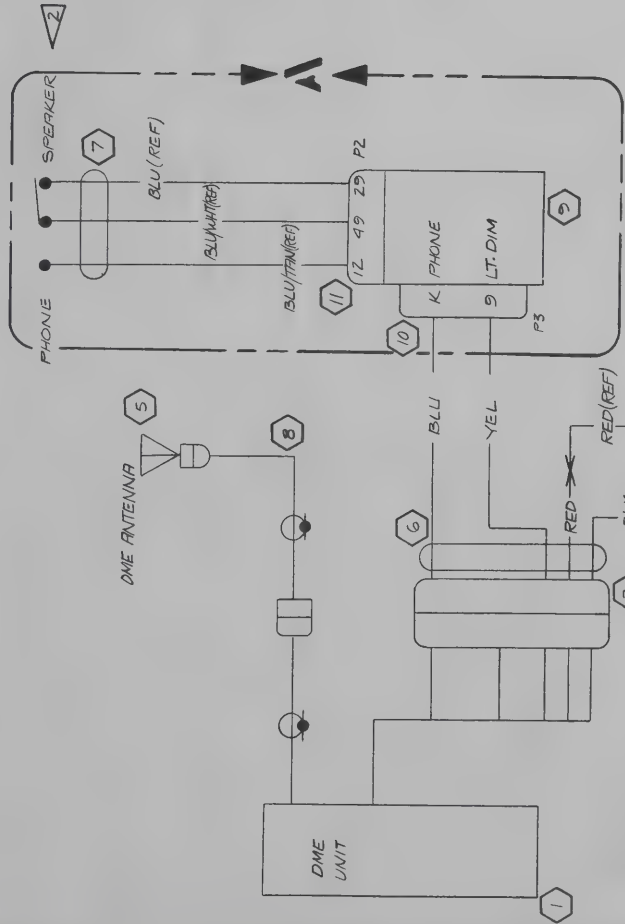
(ARC TYPE 521B)

0770750

CESSNA

FORM NO. 80-161

REVISION		
LET	DESCRIPTION	DATE
C	BY REV: REVISED & REDRAWN; DELETE NOTE 1; C582602-0201 WAS C582602-0101; KA-32 WAS KA-15; -286 WPS 030-24-00; -2001 WAS 030-0021-01; -235 WAS 024-0001-00; ADD NOTE 2 & 5-1880-4 WAS XRC637 ED:RR 10381	FER 2-18-43
		JWH MDS
		104
		1/14c



NOTES:

- ITEMS 1, 7, & 8 ARE SUPPLIED AS PART OF KINER INSTL KIT NO. 050-1062-00.1
- SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH

WIRE	CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
RED	16		-16-2		SOLDER 5-1370-2	
YEL	18		-18-4		SOLDER 5-1837-1	SER 18259306 THRU
BLU	22		-22-6		5-1837-1	SER 18259306 THRU
BLU	22		-22-6		5-1370-2	THRU SER 18259305
RED	16		-16-2		5-1370-2	
YEL	18		-18-4		5-1370-1	THRU SER 18259305
BLACK	16		-16-0		SOLDER 5-1837-2-8	

WIRE TABLE

CONTRACT NO.		NAME		DATE	
DESIGN		G.E. KIGEL		1/24-64	
GROUP		GREEN		9-30-64	
DRAWN		R. STULK		1/20-64	
CHECK					
STRESS					
PROJECT		H.W. SE		1/2-64	
APPO		J. W.			
SIZE		C		71379	
CODE IDENT.		NONE		PAGE: 2-20-1	
DWG NO.		0770750			

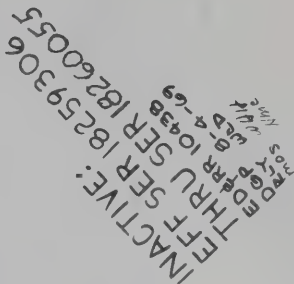
CESSNA AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM -
CESSNA DME 300

PART NO.	DESCRIPTION	PAGE
11	5-1838-1 HOUSING	2.20.2
10	5-1838-5 HOUSING	7.15
9	0570084-1 JUNCTION BOX	2.22
8	-235 CABLE ASSY	2.6.0.1
7	-286 CABLE ASSY	2.20.2
6	-2001 CABLE ASSY	6.10
5	KA-32 ANTENNA	3.12
4	5-1360-10 CIRCUIT BKR	7.2
3	5-1360-10 RHEOSTAT	2.20.3
2	030-2043-00 CONNECTOR	3.12
1	C582602-0201 DME UNIT	

EQUIPMENT TABLE

SUPERSEDES: 2.20.1	
SUPERSEDED BY:	
CES-1000 IS APPLICABLE VENDOR CODES PER 51400 CES-XXXX-CESSNA SPEC. NO. 5-XXX OR CMXXXX-CESSNA STD. NO.	



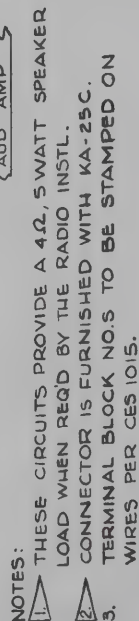
LIST OF MATERIALS

DO NOT SCALE PRINT
BREAK ALL SHARP EDGES
A/R - X'S RECD
CES-XXXX-CESSNA SPEC. NO.
S-XXX OR CMXXXX-CESSNA
STD. NO.
S - APPROX EQUAL SPACES
CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400

NOTES:

1 PLUGS & CAPS ARE PART OF NORCO CONN KIT EL-2052 FOR MK12 OR EL-3077-502 FOR MK12A (NOT SUPPLIED WITH MK12A INSTL KIT)

2 K 41116-1 PLUG (93493) SUPPLIED WITH MK12A M53106A-20-275 PLUG & M53057-12 CLAMP ARE SUPPLIED WITH VOA-8 OR VOA-9 INDICATOR



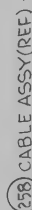
NOTES:

1. THESE CIRCUITS PROVIDE A 4 Ω , 5 WATT SPEAKER LOAD WHEN REQ'D BY THE RADIO INSTL.
2. CONNECTOR IS FURNISHED WITH KA-25C.
3. TERMINAL BLOCK NOS TO BE STAMPED ON WIRES PER CES 1015.

NOTES:

1. THESE CIRCUITS PROVIDE A 4 Ω , 5 WATT SPEAKER LOAD WHEN REQ'D BY THE RADIO INSTL.
2. CONNECTOR IS FURNISHED WITH KA-25C.
3. TERMINAL BLOCK NOS TO BE STAMPED ON WIRES PER CES 1015.

1. WIRE MATERIAL PER S-1460

EQUIPMENT TABLE

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS				WIRE TABLE								
<table><tr><td>DRAWN</td><td>NAME</td><td>DATE</td><td>TITLE</td></tr><tr><td>IN</td><td>COOK</td><td>10-20-61</td><td></td></tr></table>		DRAWN	NAME	DATE	TITLE	IN	COOK	10-20-61		 Cessna.		
DRAWN	NAME	DATE	TITLE									
IN	COOK	10-20-61										
<table><tr><td>GROUP</td><td>DATE</td></tr><tr><td>H. Ward</td><td>11-27-61</td></tr></table>		GROUP	DATE	H. Ward	11-27-61	WIRING DIAGRAM — NARCO UGR-2 GLIDESLOPE WITH NARCO MARK 12A & VOA-9						
GROUP	DATE											
H. Ward	11-27-61											
CHECK	WINNEY 11-20-61	DWG NO	0770750									
PROJ	100-1-29-61	REV	A									
AUTHORITY BY 4.1		MODE		182								
DATE 11-27-61		PART		236-1								
		ATTACHMENT P										

WIRE TABLE

CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION WICHITA, KANSAS

WIRING DIAGRAM —
NARCO UGR-2 GLIDESLOPE
WITH NARCO MARK 12A &
UGA-9

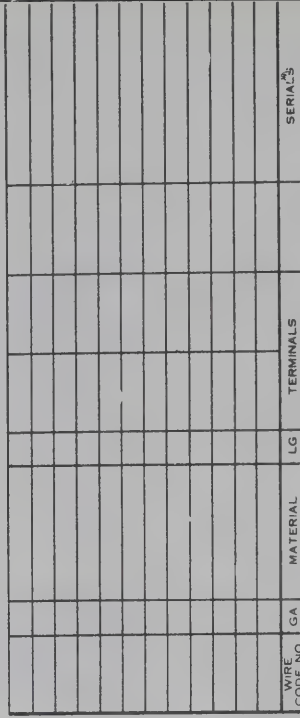
Cessna®

DWG NO 0770750

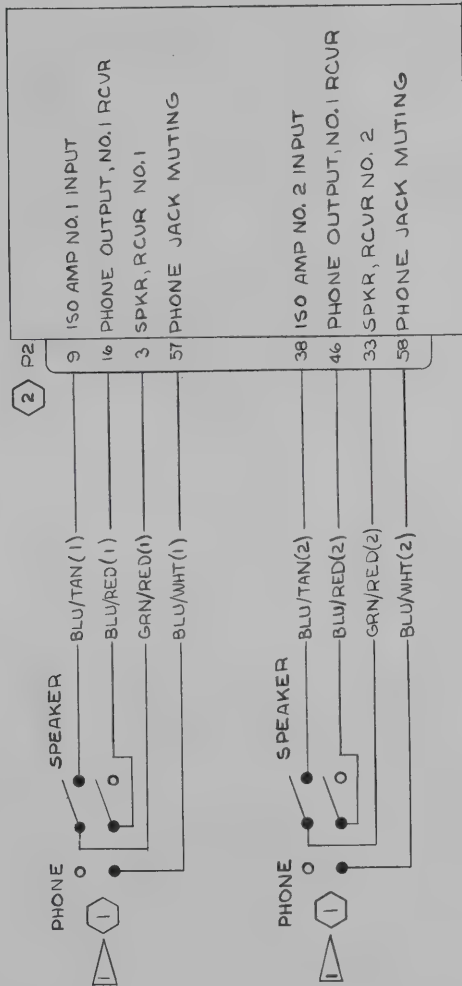
SUPERSEDED BY B 2 54	SUPPLEMENTAL 0170750P 226.1	MODEL 182	REV A	PAGE: 237.1
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INACTIVE: THR SER 18259346
EFF SER 18260055



ITEM NO.	PART NO.	DESCRIPTION
EQUIPMENT TABLE		
		SUPERSEDES: P. 2.40.1 & 2.40.2 SUPERSEDED BY: CES-1000 IS APPLICABLE VENDOR CODES FOR S/400 CES-XXXX=CESNA SPEC. NO. S-XXX OR CMXXXX=CESNA STD. NO.



NOTES:
 1. SPKR FUNCTION ON KEY WAY SIDE OF SWITCH

INACTIVE:
 THE FUSE 18259346
 THRU SER 18260035

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/WHIT(2)	22	- 22-6-9		SOLDER S-1B37-1	
BLU/WHIT(1)		- 22-6-9			
GRN/RED(2)		- 22-5-2			
GRN/RED(1)		- 22-5-2			
BLU/RED(2)		- 22-6-2			
BLU/RED(1)		- 22-6-2			
BLU/TAN(2)	22	- 22-6-10		SOLDER S-1B37-1	
BLU/TAN(1)		- 22-6-10			

WIRE TABLE

CONTRACT NO:		NAME		DATE
		SPES VR		6/10/68
DESIGN	GROUP	DRAWN		
		7-30-68		
CHECK	SCRAPER	8-5-68		
STRESS	HARRIS	8-5-68		
PROJECT	MDS	8-5-68		
APPD				

DESIGN	DATE	TITLE
SPES VR	6/10/68	WIRING DIAGRAM -
GROUP	7-30-68	AUDIO SWITCHING -
DRAWN	8-5-68	NARCO MARK 12A
CHECK	8-5-68	
STRESS	8-5-68	
PROJECT	8-5-68	
APPD		

SIZE	NO.	DWG NO.
C	71379	10770750
SCALE:	NONE	1/82
PAGE:	2	40.4

CESSNA AIRCRAFT CO.
 COMMERCIAL AIRCRAFT DIV.
 5800 E. PAWNEE
 WICHITA, KANSAS

3	OST0084-1	JUNCTION BOX
2	S-1B38-1	HOUSING
1	S-1B36-1	SWITCH
	PART NO.	DESCRIPTION
	EQUIPMENT TABLE	
	SUPERSEDES: P. 2.40.1	
	SUPERSEDED BY:	

CESS-1000 IS APPLICABLE
 VENDOR CODES PER SJ400
 CES-XXXX-CESSNA SPEC. NO.
 S-XXX OR CMAXXX-CESSNA
 STD. NO.

REVISION				REVISION			
LET	DESCRIPTION	DATE	APPD	LET	DESCRIPTION	DATE	APPD
D	BY REV: SER OUT 33970-0000 34290-0000; SER IN 39480-0000 439490-0000 ED 4 RR 10756 (SR 6397)	12/17/63	JWH HFC	A	BY REV: ADD 37243, RED, BLK(3), BLK(4), JUMPER FROM K TO R ON ITEM 9; GRN/GRN WAS GRN/TAN; GRN/RED WAS GRN/BLU; TAN/WHT WAS BLU; BLU WAS TAN/WHT; YEL WAS BLU/YEL; GRN/WHT WAS WHT/BLU; (ITEM 8) 4 WAS S; DELETE 4; (ITEM 13) 2 WAS 1; 1 WAS 2; 6 WAS 3;	10-3-68	JWH HFC JDA
E	BY REV: ADD 226A JUMPER/PIN 21 TO PIN 22 ED 4 RR 10046 "NOW SHOP PRACTICE"	5-28-70	RLY HFC	B	BY REV: AV-547 WAS ASP-547 ED 4 RR 10263	11-21-68	JWH HFC
				C	BY REV: ADD RED(2), RED/WHT(5), 38360-0004 RED/WHT(1), RED/WHT(2); INACT P2-41.3.2 SEE P2-41.4 WAS SEE P2-41.3.2 SEE 18ZG0107 ED 4 RR 10530		

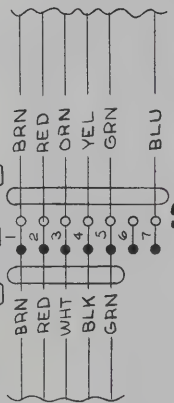
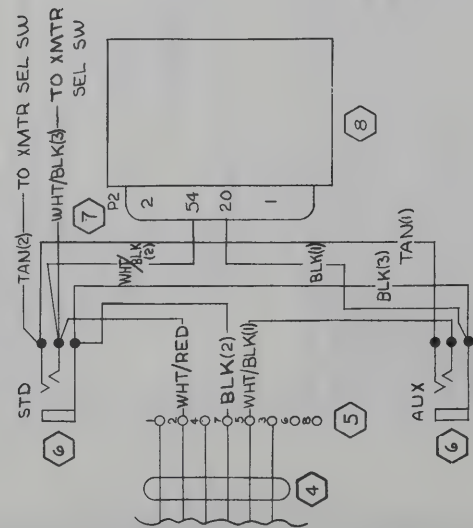
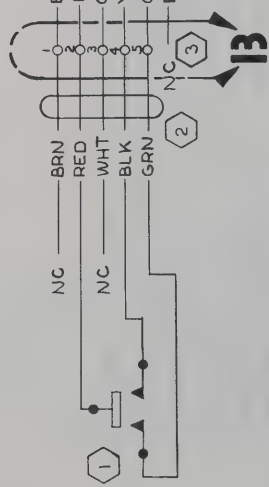
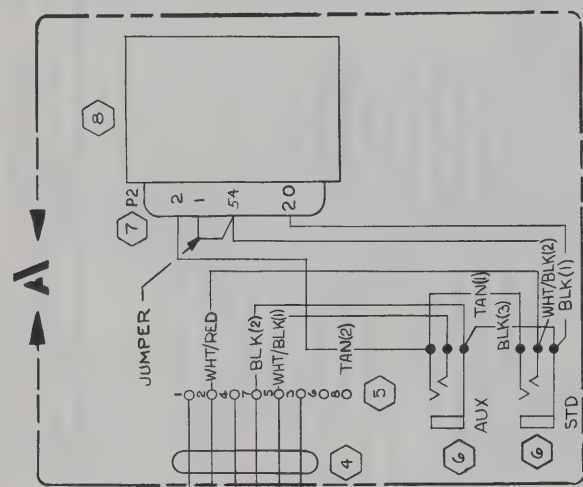
WIRE TABLE				WIRE TABLE			
ITEM NO	PART NO.	DESCRIPTION	EQUIPMENT TABLE	ITEM NO	PART NO.	DESCRIPTION	EQUIPMENT TABLE
18	39490-0000	INDICATOR (ARC TYPE IN-543B)		BLK(4) 1B	-18-0	SOLDER S-1367H-6	SER 18ZG0106
17	39480-0000	INDICATOR (ARC TYPE IN-522B)		BLK(3) 1B	-18-0	SOLDER S-1367H-6	SER 18ZG0106
16	38960-0014	ACCESSORY UNIT		RED 1B	-18-2	SOLDER S-1367H-6	SER 18ZG0106
15	37243	FILTER ASSY		BLU/WHT 22	-22-6-9	SOLDER SOLDER	
14	S-1838-2	HOUSING		BLK/WHT 1B	-18-0-9	SOLDER SOLDER	
13	35693-0004	CONNECTOR (007B)		RED/WHT 1B	-18-2-9	SOLDER SOLDER	
12	AV-547	COUPLER (02833)		RED/BLK(2) 1B	-18-2-0	SOLDER SOLDER	
11	0510084-1	JUNCTION BOX ASSY		BLACK(2) 1B	-18-0	SOLDER SOLDER	
10	36364-0000	CONNECTOR KIT (007B)		CABLE	R6-58A/U	SOLDER SOLDER	
9	36363-0000	CONNECTOR KIT (007B)		CABLE	R6-58A/U	SOLDER SOLDER	
8	35693-0003	CONNECTOR (007B)		RED/WHT(1) 1B	-18-2-9	SOLDER SOLDER	
7	36600-0000	ACCESSORY UNIT (ARC TYPE RTA532)		BLACK(1) 16	-16-0	S-1837-1 SOLDER	
6	34290-0000	INDICATOR (ARC TYPE IN-543A)		WHT/BLK 22	-22-9-0	S-1837-1 SOLDER	
5	33970-0000	INDICATOR (ARC TYPE IN-522A)		TAN 22	-22-10	S-1837-1 SOLDER	
4	33560-1100	RECEIVER (ARC TYPE R-542A)		GRN/WHT 22	-22-9-6	S-1837-1 SOLDER	
3	33570-1000	TRANSCIVER (ARC TYPE RT532A)		RED/BLU 1B	-18-2-6	SOLDER S-1367H-6	
2	33950-1100	RCVR/MTR (ARC TYPE RT-522A)		BLU/TAN(6) 22	-22-6-10	SOLDER S-1837-1	
1	S-1360-5	CIRCUIT BREAKER		BLU/TAN(5) 22	-22-6-10	SOLDER S-1837-1	

WIRE TABLE				WIRE TABLE			
ITEM NO	PART NO.	DESCRIPTION	EQUIPMENT TABLE	ITEM NO	PART NO.	DESCRIPTION	EQUIPMENT TABLE
18	39490-0000	INDICATOR (ARC TYPE IN-543B)		TAN/WHT 22	-22-10-9	SOLDER S-1837-1	
17	39480-0000	INDICATOR (ARC TYPE IN-522B)		BLU/E 22	-22-6	SOLDER S-1837-1	
16	38960-0014	ACCESSORY UNIT		RED/YEL(2) 22	-22-2-4	SOLDER S-1837-1	
15	37243	FILTER ASSY		GRN/GRN 22	-22-8-10	SOLDER S-1837-1	
14	S-1838-2	HOUSING		GRY/RED 22	-22-8-6	SOLDER S-1837-1	
13	35693-0004	CONNECTOR (007B)		RED/YEL(1) 22	-22-2-4	SOLDER S-1837-1	
12	AV-547	COUPLER (02833)		WHT/GRN 22	-22-9-5	SOLDER SOLDER	
11	0510084-1	JUNCTION BOX ASSY		WHT/TAN 22	-22-9-10	SOLDER SOLDER	
10	36364-0000	CONNECTOR KIT (007B)		WHT/YEL 22	-22-9-4	SOLDER SOLDER	
9	36363-0000	CONNECTOR KIT (007B)		YEL/TAN 20	-20-4-10	SOLDER SOLDER	
8	35693-0003	CONNECTOR (007B)		RED/BLK(1) 1B	-18-2-0	SOLDER SOLDER	
7	36600-0000	ACCESSORY UNIT (ARC TYPE RTA532)		WIRE			SERIALS
6	34290-0000	INDICATOR (ARC TYPE IN-543A)		LG			
5	33970-0000	INDICATOR (ARC TYPE IN-522A)					
4	33560-1100	RECEIVER (ARC TYPE R-542A)					
3	33570-1000	TRANSCIVER (ARC TYPE RT532A)					
2	33950-1100	RCVR/MTR (ARC TYPE RT-522A)					

FORM NO. 80-215A

LET	REVISION	DATE	APPD
A	BY REV: ADD 5-1985-1 & SER: SER OUT 88002; ADD DETAIL "C" (SR6030) M	DLP 6-4-68	MD5
B	BY REV: DELETE 5-1985-1, DETAIL "C" & SR INACTIVATE DWG 6 (SR6030) II	P6P 8-19-69	MD5

INACTIVE: 18259306 THRU SER 18260055
 8-19-69
 P6P
 ED & RR 10704
 MDS



DETAIL 13
 CONTROL WHEEL MOUNTED MIKE KEY WITH MAPLIGHT

DETAIL A
 2nd INSTALLATION

- NOTES:
- ON SECOND INSTALLATION WHT/BLK(3) & TAN(2) WIRES SOLDER TO XMTR SELECTOR SWITCH & PIN 5 TO 1 JUMPER IS OMITTED.
 - 5-171 TERM BLOCK IS REPLACED BY 1570142-2 CIRCUIT BOARD ASSY WHEN A MAP LIGHT IS INSTALLED

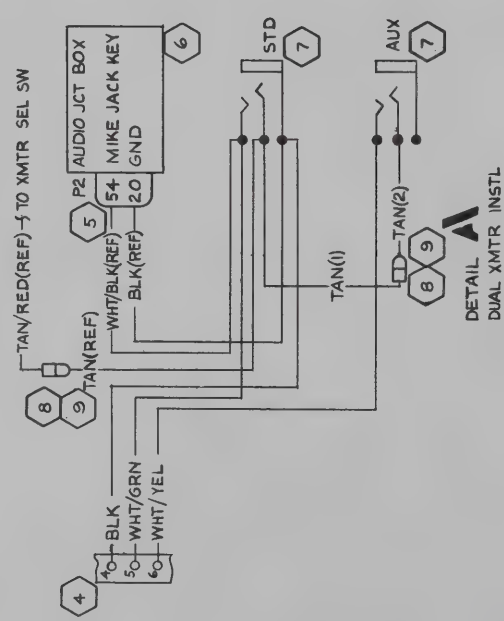
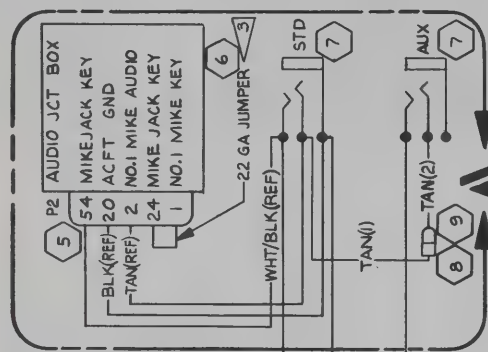
WIRE NO.	WIRE	TERMINALS	SERIALS
1	WHT/BLK(2) 22	-22-9-0	SOLDER/SOLDER
2	WHT/RED(2) 22	-22-9-2	SOLDER 5-1367-1-B
3	WHT/BLK(2) 22	-22-9-0	5-1367-1
4	WHT/BLK(2) 22	-22-9-0	5-1367-1-B
5	TAN(2) 22	-22-10	5-1367-1
6	TAN(1) 22	-22-10	SOLDER
7	BLK(3) 22	-22-0	SOLDER
8	BLK(2) 22	-22-0	5-1367-1-B
9	BLK(1) 22	-22-0	SOLDER 5-1367-1

WIRE TABLE

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	SPES YR	DATE	TITLE		
GROUP	8-1-68	8-1-68	WIRING DIAGRAM --		
DRAWN	SCRAPER	7-31-68	MIKE KEY - CONTROL		
CHECK	HARRIS	8-1-68	WHEEL		
STRESS	15-6-68	8-1-68	SIZE	CODE IDENT	DWG NO.
PROJECT	MD5	8-1-68	C	71379	10770750
APPD	MD5	8-1-68	SCALE	NONE	PAGE: 2.44.1

CES-1000 IS APPLICABLE
 VENDOR CODES PER S1400
 CES-XXXX-CESNA SPEC. NO.
 S-XXX OR CMXXX-CESNA
 STD. NO.

REVISIONS		
LTR	DESCRIPTION	DATE



INACTIVE: EFF THRU SEP 1987 6-30-70
 18260445

CONTRACT NO:		NAME		DATE
DESIGN		H. W. POTTIS		8-1-69
GROUP		P. G. POTTIS		8-20-69
DRAWN		P. G. POTTIS		8-19-69
CHECK		W. C. DALE		8-19-69
STRESS		W. C. DALE		8-20-69
PROJECT		W. C. DALE		8-21-69
APPD		W. C. DALE		8-20-69
CROSSING AIRCRAFT CO.		TITLE		WIRING DIAGRAM -
COMMERCIAL AIRCRAFT DIV.		MIKE KEY - CONTROL WHEEL		
5800 E. PAWNEE		MOUNTED		
WICHITA, KANSAS		SIZE		DWG NO.
C 71379		C 71379		0770750
SCALE: NONE		PAGE: 2.44.3		
SUPERSEDED BY: P 2.44.4		ED: RR 10704		18260056 FON

FORM NO. 80-216

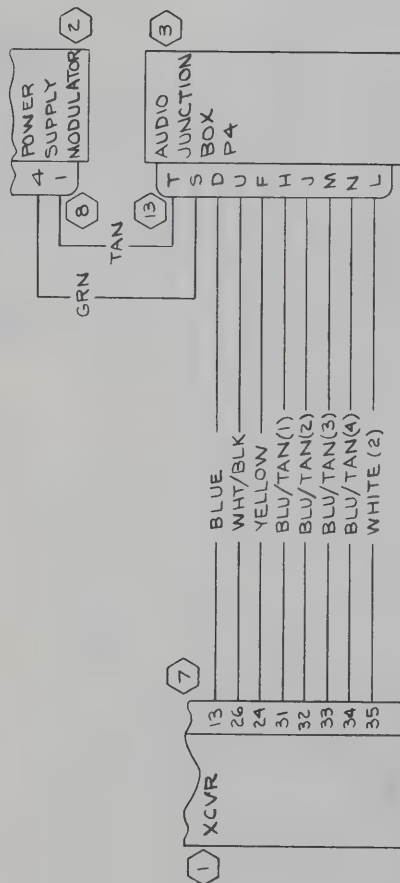
LET	REVISION	DATE	APPD
A	BY REV: ADD S-1838(-1,-2,-3), S-1837-1 4 SERIALS TO WIRES: YEL, WHT/BLK, WHT(2), TAN, GRN, BLU, BLU/TAN(1), (2), (3), (4); DELETE NOTES 1, 2, 3, WIRES BLK, TAN, 4 WHT/BLK, 4 OTTOTO14-1; 0570084-2 WAS -271-271 NOW ITEM 15; TO P. 2.45.1.1 ADD DETAIL A+B; P. 2.45.1.2 OBSOLETE (NEVER USED) ED4PRO23B4 18259306 f ON	6-25-68 NDS HFW HFW HFW	6-25-68 NDS HFW HFW HFW
B	BY REV: ADD RED(1) EDRR 10128 (NOW SHOP PRACTICE)	DLP HFW HFW	DLP HFW HFW

RED/WHT	18	-18-2-9	S-1837-1-6	SOLDER	
RED/GRN	20	-20-2-5	SOLDER		
RED/BLU	16	-16-2-6	S-1837-2-6		
RED/BLK	18	-18-2-0	SOLDER		
RED	16	-16-2	S-1837-2-6		
GRN/YEL	20	-20-5-4	SOLDER		
GRN/WHT	20	-20-5-9			
GRN/RED	20	-20-5-2			
GRN/BLU	20	-20-5-6			
GRN	20	-20-5			
YEL/TAN	20	-20-4-10	SOLDER		SER 18259306 f ON
GRN/TAN	22	-20-5-2	SOLDER		
BLU/TAN	22	-22-6-10	S-1837-1		SER 18259306 f ON
BLU/TAN	22	-22-6-10			
BLU/TAN	22	-22-6-10			
BLU	22	-22-6	S-1837-1		SER 18259306 f ON
BLK	2	-16-0	SOLDER S-1837-2-8		
BLK	1	-16-0	SOLDER S-1837-2-8		
WIRE CODE NO.	GA	MATERIAL	LG	SERIALS	

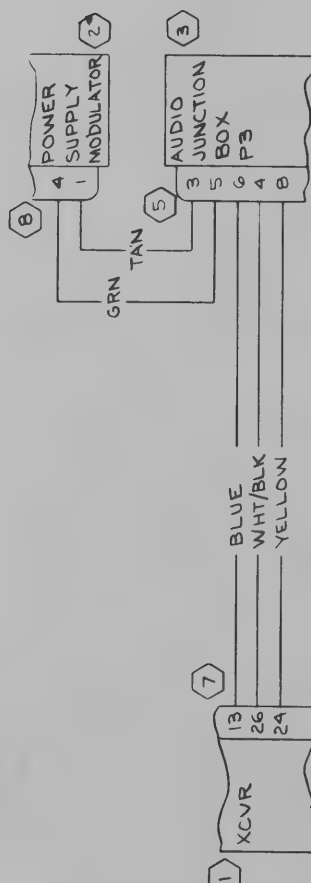
CONTRACT NO.	NAME	DATE	TITLE
	LAURIE	3-20-68	WIRING DIAGRAM - CESSNA 300 HF
DESIGN	GROUP	DRAWN	CHECK
YOUNGERS	YOUNGERS	YOUNGERS	YOUNGERS
STRESS	DR. B. J. H.	4/1/68	
PROJECT	SWANEY	3-20-68	
APPD			

RED(1)	18	-18-2	SOLDER	
YEL/TAN	20	-20-4-10	SOLDER	
YEL/RED	20	-20-4-2	SOLDER	
YEL/GRN	20	-20-4-5	SOLDER	
YEL	18	-18-4	S-1837-1	
WHT/RED	22	-22-9-2	SOLDER	
WHT/BLK	22	-22-9-0	S-1837-1	
WHT	2	-22-9	S-1837-1	
TAN	22	-22-10	SOLDER	
WIRE NO.	GA	MATERIAL	LG	SERIALS

CONTRACT NO.	NAME	DATE	TITLE
	LAURIE	3-20-68	WIRING DIAGRAM - CESSNA 300 HF
DESIGN	GROUP	DRAWN	CHECK
YOUNGERS	YOUNGERS	YOUNGERS	YOUNGERS
STRESS	DR. B. J. H.	4/1/68	
PROJECT	SWANEY	3-20-68	
APPD			



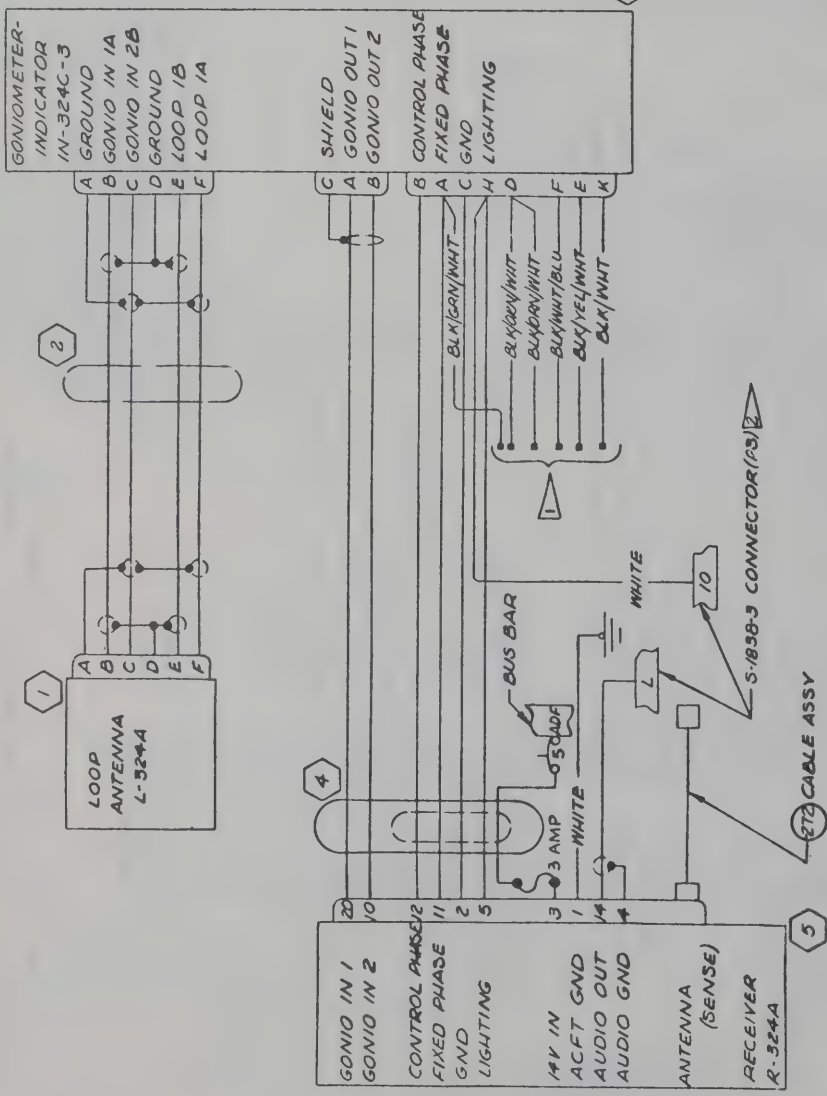
DETAIL A
2ND INSTL



13
DETAIL
3RD INSTL
(BLU/TAN
3RD INST

	PART NO.	DESCRIPTION	
EQUIPMENT TABLE			
		CES-1000 IS APPLICABLE VENDOR CODES PER S-1040 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.	SUPERSEDED: SUPERSEDED BY:
			p.251.2

CONTRACT NO:		 Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	WIRING DIAGRAM — CESSNA 300 HF (TYPE PTIO-A) SIZE CODE IDENT. DWG NO. NO. C 71379 0770750	
GROUP	SIPE'S VR	4/3/68			
DRAWN	<i>R. W. G. L.</i>	7-3-68			
CHECK	SCRAPER	6-25-68			
	G. IRVIN	6-28-68			
STRESS	R. F. GEIDE	7-1-68		SCALE: NONE / B2 PAGE: 245.1.3	
PROJECT	<i>R. F. Geide</i>	2-4-68			
APPD	<i>S. W. AVEY</i>	6-28-68			



NOTES:
 1 THESE WIRES TO BE CUT & CAPPED APPROX 2" FROM PLUG.
 2 WIRE TERMINALS S-1837-1

CONTRACT NO.		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CODE NO.		TITLE		CESSNA AIRCRAFT CO.	
5		36380-1000	RECEIVER	WIRING DIAGRAM - CESSNA 400 ADF (ARC TYPE 324A)	
4		38422-0014	CABLE ASSY		
3		38450-0003	GONIOMETER NO.		
2		33827	1000 CABLE ASSY		
1		36420-1100	LOOP ANTENNA		
PART NO.		DESCRIPTION		SIZE	
EQUIPMENT TABLE				CODE IDENT. NO.	
SUPERSEDES:				DWG NO.	
SUPERSEDED BY:				C 71379 0770750	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXX=CESSNA STD. NO.				SCALE: NONE 1/8" = 1"	
				PAGE: 2 of 1	

CESSNA AIRCRAFT CO.
 COMMERCIAL AIRCRAFT DIV.
 5800 E. PAWNEE
 WICHITA, KANSAS

WIRING DIAGRAM -
 CESSNA 400 ADF
 (ARC TYPE 324A)

DESIGN NAME DATE
 GROUP H. WOOD 18-1-68
 DRAWN E. VACHARD 7-24-68
 CHECK HARRIS 7-24-68
 STRESS A.F. GEIGY 7-24-68

PROJECT NO. 1-268
 APPD MDS 7-26-68

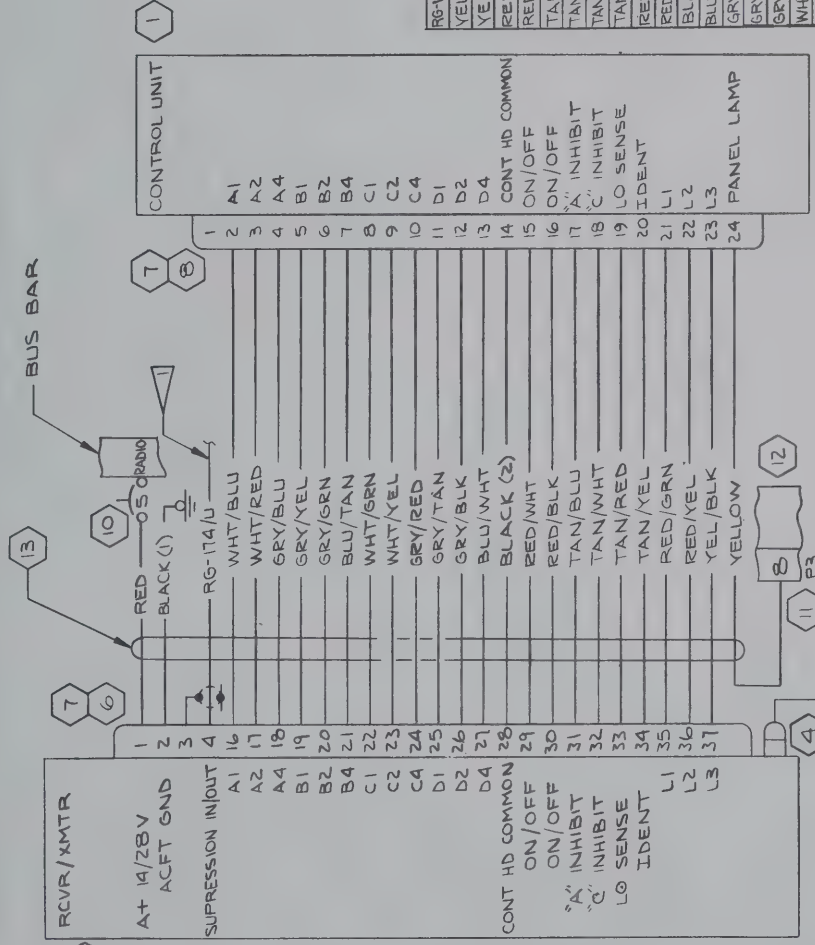
SIZE CODE IDENT. DWG NO.
 C 71379 0770750

SCALE: NONE 1/8" = 1"

PAGE: 2.47.1

(SR 5852) II' ED & AR 02588

LET	REVISION	DATE	APPD
A	BY REV: GRY/RED WAS GRY/GRN(2), RED/BLK WAS RED(2), RED/YEL WAS YEL/WHI, YELLOW WAS GRY/YEL(2), GRY/YEL WAS GRY/GRN(1), GRY/GRN WAS GRY/GRN(1) RED WAS RED(3) ED 42R 10333 (SR 59 05)	1-23-68	RLY JWH



NOTES:

1 SUPPRESSOR CABLE ROUTES WITH CABLE TO CONTROL PANEL. CENTER CONDUCTOR CONNECTS TO PIN 4 OF 300 DME CABLE. 4 SHIELD CONNECTS TO PIN 8. CENTER CONDUCTOR TERMINATED WITH END CAP WHEN NOT USED

CABLE	WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
RG-174/U	YELLOW	20	-20-4		SOLDER	
YEL/BLK	22	-22-4-0			SOLDER	
RED/YEL	22	-22-2-4				
RED/GRN	22	-22-2-5				
TAN/YEL	22	-22-10-4				
TAN/RED	22	-22-10-2				
TAN/WHI	22	-22-10-9				
TAN/BLU	22	-22-10-6				
RED/BLK	18	-18-2-0				
RED/WHI	18	-18-2-9				
BLU/WHI	20	-20-0				
BLU/BLK	22	-22-6-9				
GRY/BLK	22	-22-8-0				
GRY/TAN	22	-22-8-10				
GRY/RED	22	-22-8-2				
WHI/YEL	22	-22-9-4				
WHI/GRN	22	-22-9-5				
BLU/TAN	22	-22-6-10				
GRY/GRN	22	-22-8-5				
GRY/YEL	22	-22-8-4				
WHI/RED	22	-22-9-2			SOLDER	
WHI/BLU	22	-22-9-6				
BLACK/YEL	18	-18-0			S-136728	
RED	18	-18-2			SOLDER	

WIRE TABLE

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPD
	V.R. S. P. S.	8/9/68							
	H. W. D.	11/2/68							
	YOUNGERS	10-30-68							
	HACDIS	11-5-68							
	W. D. ALE	11-11-68							
	J. J. ALE	11-11-68							
	J. J. ALE	11-11-68							

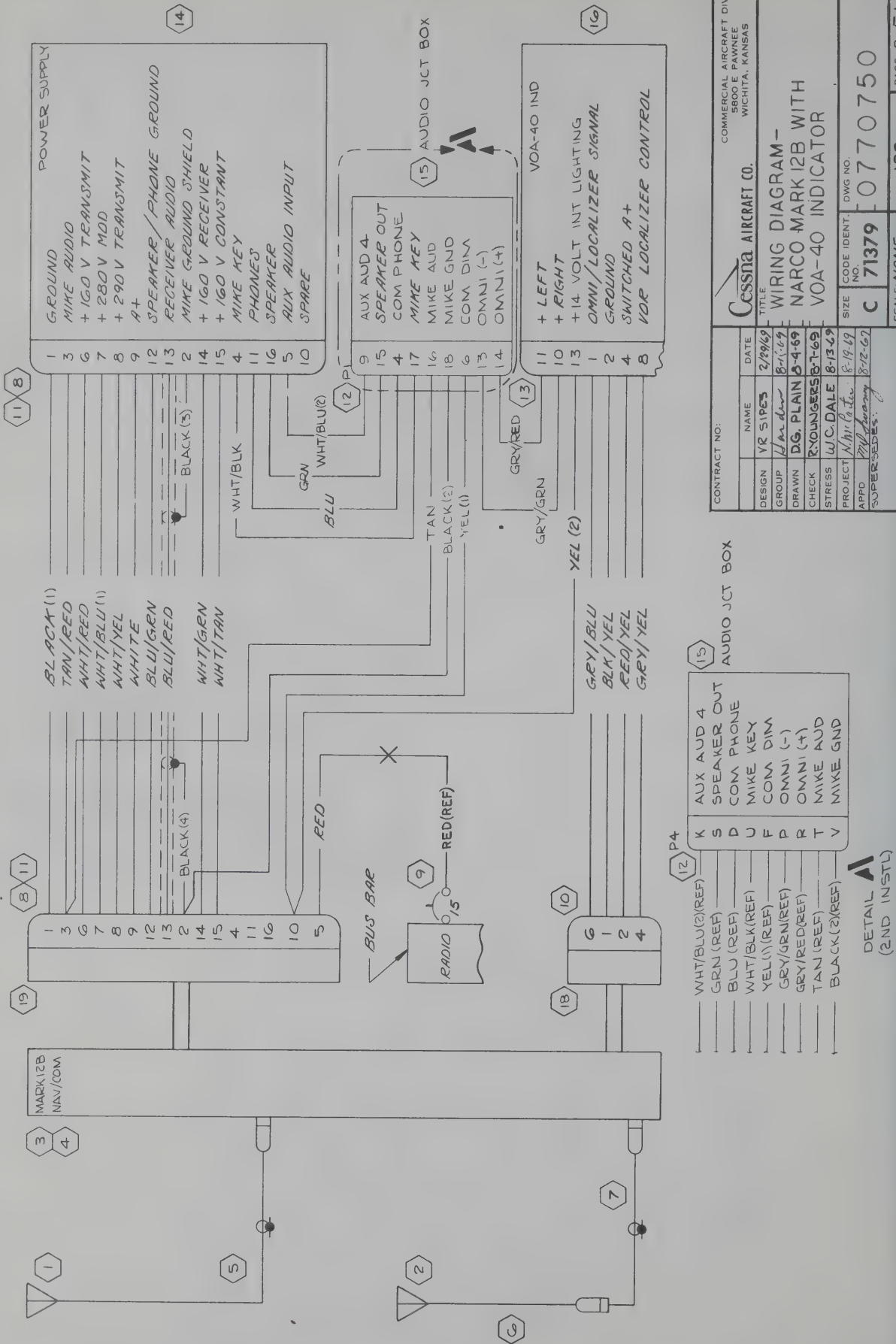
EQUIPMENT TABLE

ITEM NO.	PART NO.	DESCRIPTION	PAGE
1	CS89504-0101	RCVR/XMTR UNIT 12V	4.28
2	CS89504-0101	CONTROL PANEL 12V	3.32
3	CS89504-0101	ANTENNA	6.17
4	CS89504-0101	CONNECTOR	2.48.2
5	CS89504-0101	CABLE ASSY	2.48.0
6	CS89504-0101	CABLE ASSY	2.48.0
7	CS89504-0101	CABLE ASSY	2.48.0
8	CS89504-0101	CABLE ASSY	2.48.0
9	CS89504-0101	CABLE ASSY	2.48.0
10	CS89504-0101	CABLE ASSY	2.48.0
11	CS89504-0101	CABLE ASSY	2.48.0
12	CS89504-0101	CABLE ASSY	2.48.0
13	CS89504-0101	CABLE ASSY	2.48.0
14	CS89504-0101	CABLE ASSY	2.48.0
15	CS89504-0101	CABLE ASSY	2.48.0
16	CS89504-0101	CABLE ASSY	2.48.0
17	CS89504-0101	CABLE ASSY	2.48.0
18	CS89504-0101	CABLE ASSY	2.48.0
19	CS89504-0101	CABLE ASSY	2.48.0
20	CS89504-0101	CABLE ASSY	2.48.0
21	CS89504-0101	CABLE ASSY	2.48.0
22	CS89504-0101	CABLE ASSY	2.48.0
23	CS89504-0101	CABLE ASSY	2.48.0
24	CS89504-0101	CABLE ASSY	2.48.0

WIRE TABLE

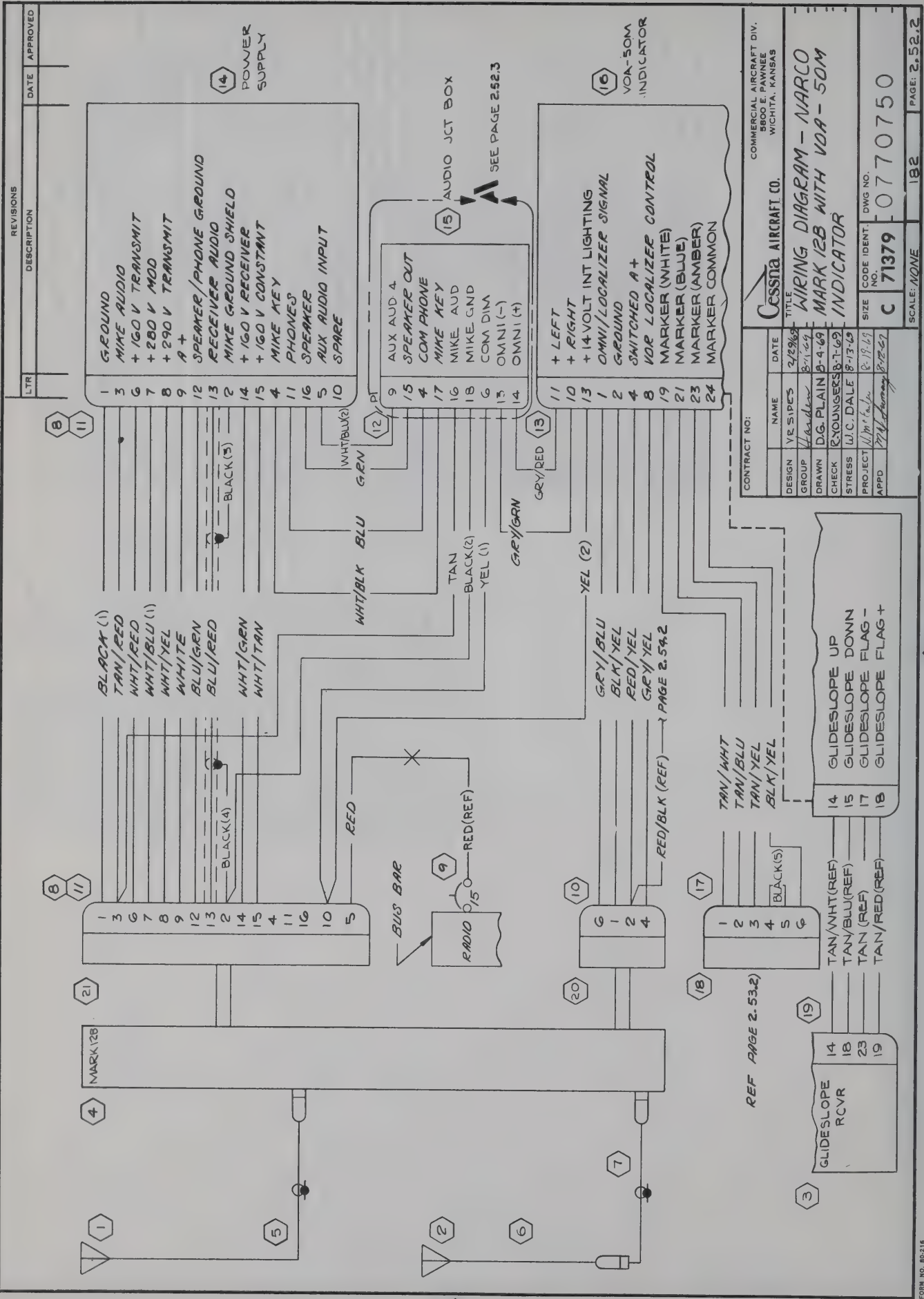
CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPD
	V.R. S. P. S.	8/9/68							
	H. W. D.	11/2/68							
	YOUNGERS	10-30-68							
	HACDIS	11-5-68							
	W. D. ALE	11-11-68							
	J. J. ALE	11-11-68							
	J. J. ALE	11-11-68							

REVISION		DATE	APPD
DESCRIPTION			
19	41181-3		
18	41117-1		
16	VDA-40		
15	0570084-1		
14	TU2MP-12A-1		
13	1773-100		
12	S-1838-2		
11	K41182-2		
10	K41116-1		
9	S-1360-15		
8	K41271-1		
7	-202		
6	1270013-1		
5	-270		
4	MK-128		
3	MK-128		
2	1270012-1		
1	C598501-0102		
EQUIPMENT TABLE			
PART NO.	DESCRIPTION	PAGE	
1	CONNECTOR	3.33.0	
2	CONNECTOR	3.33.0	
3	CONNECTOR	3.33.0	
4	CONNECTOR	3.33.0	
5	CONNECTOR	3.33.0	
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79	CONNECTOR	3.33.0	
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81	CONNECTOR	3.33.0	
82	CONNECTOR	3.33.0	
83			



CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
VR 5165	VR 5165	2/9/69	WIRING DIAGRAM -		
GROUP	GROUP	8-1-69	NARCO MARK 12B WITH		
DRAWN	DRAWN	8-4-69	VOA-40 INDICATOR		
CHECK	CHECK	8-13-69	SIZE		
STRESS	STRESS	8-13-69	CODE IDENT. DWG NO.		
PROJECT	PROJECT	8-13-69	C 71379 0770750		
APPRO	APPRO	8-12-69	SCALE: NONE 182		
SUPERSEDES	SUPERSEDES		PAGE: 2.5 1.2		

[illegible]



REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		

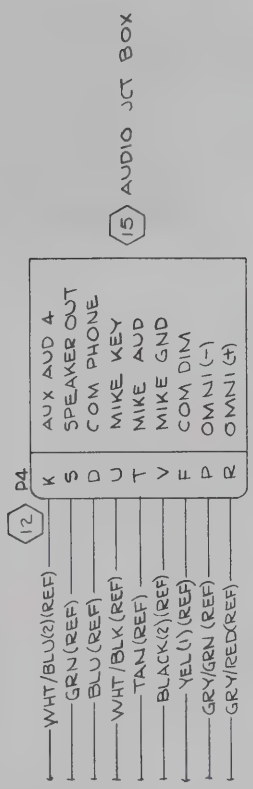
DESIGN	NAME	DATE
GROUP	Y. S. PETS	2/23/68
DRAWN	D. G. PLAIN	8-1-69
CHECK	R. YOUNGERS	8-1-69
STRESS	W. C. DALE	8-1-69
PROJECT	W. C. DALE	8-1-69
APPD	W. C. DALE	8-1-69

CODE IDENT.	DWG NO.	SCALE	PAGE
C 71379	0770750	182	2.52:2

WIRING DIAGRAM - NARCO
MARK 128 WITH VOA - 50M
INDICATOR

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

REVISIONS		
LTR	DESCRIPTION	DATE



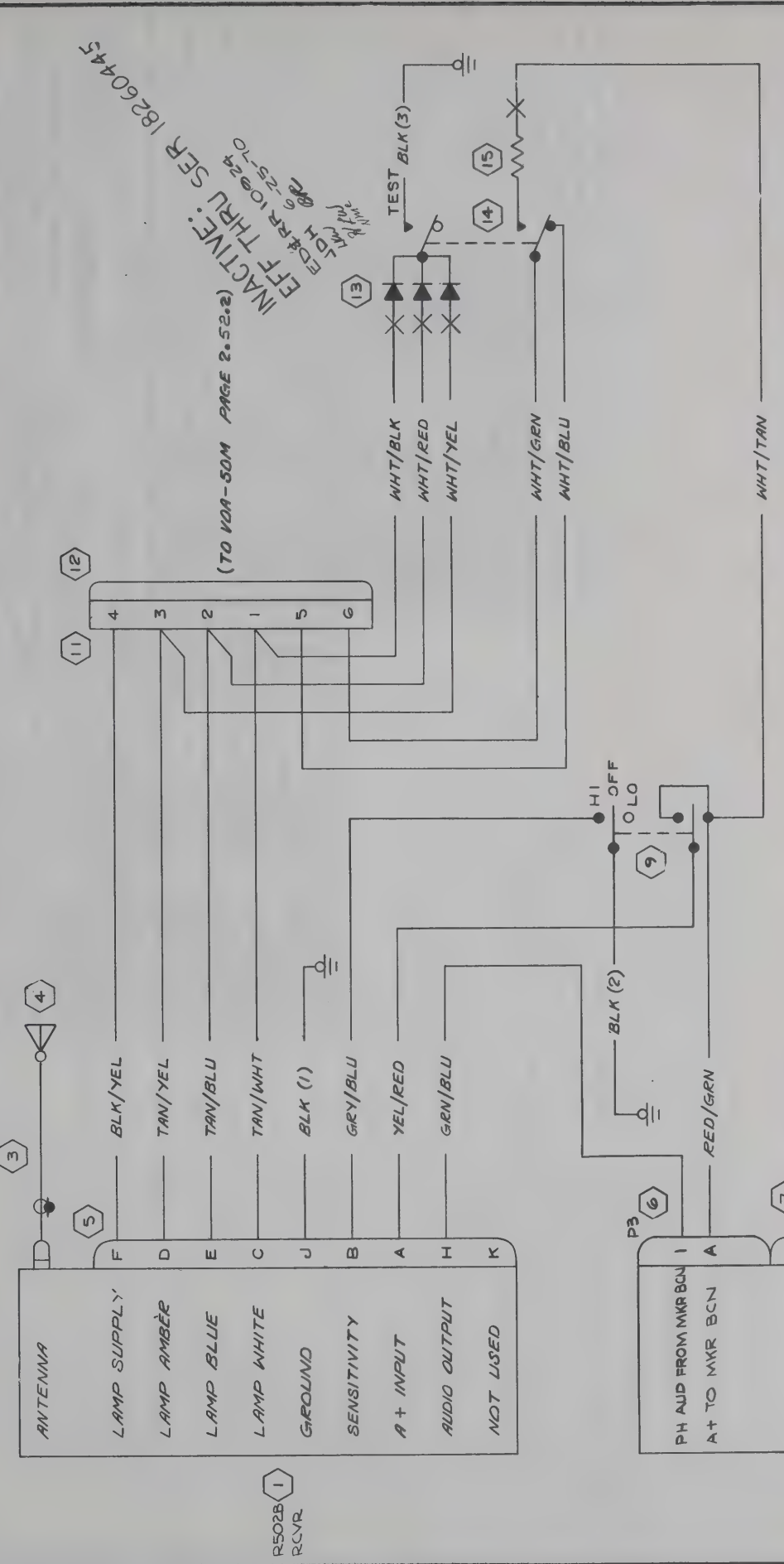
15 AUDIO JCT BOX

DETAIL A
(2ND INSTL)

CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	VR 51PCS	DATE	2/29/62	TITLE	
GROUP	Wiring	DATE	8-11-64	WIRING DIAGRAM -	
DRAWN	DG. PLAIN	DATE	8-4-69	NARCO MARK 12B WITH	
CHECK	R-YOUNGERS	DATE	8-17-69	VOA - 50M INDICATOR	
STRESS	W.D. DALE	DATE	8-13-69		
PROJECT	W.D. DALE	DATE	8-19-69		
APPD	W.D. DALE	DATE	8-17-69		
CODE IDENT.			NO.	DWG NO.	
C 71379			0770750		
SCALE: NONE			182	PAGE: 2.52.3	

NAME: JAMES W
DOB: 0802
EFT THRU: 06/25/70
INACTIVE: 09/10/94
SER 18260445

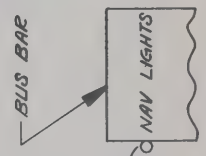
REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



INACTIVE: SER 18260445
 EFF THRU SER 18260445
 ED 10-25-70
 10-25-70

(TO VOA-SOM PAGE 2.53.2)

CONTRACT NO.		NAME		DATE
DESIGN		YR 515P'S		2/28/69
GROUP		HAWK		10-1-69
DRAWN		D.G. PLAIN		8-9-69
CHECK		E. YOUNGERS		8-13-69
STRESS		W.C. DALE		8-13-69
PROJECT		W.C. DALE		8-13-69
APPD		W.C. DALE		8-13-69
SUPERSEDED BY:		P 2.53.5		
Cessna AIRCRAFT CO.		TITLE		WIRING DIAGRAM - CESSNA
COMMERCIAL AIRCRAFT DIV.		300 MKR BGN (P-502B) WITH		
5800 E. PAWNEE		VOA-SOM INDICATOR		
WICHITA, KANSAS		SIZE		C 71379
		CODE IDENT.		0770750
		DWG NO.		
		SCALE: NONE		
		PAGE: 2.53.2		



NOTES:

PHONE FUNCTION TO BE ON KEY WAY
SIDE OF SWITCH

REVISION

LET	DESCRIPTION	DATE	APPD
A	BY REV: INTERCHANGE GRUJBLU WIRES TO S-2062-3, S-2062-3 WAS S-2062-1. SER 1820446 DON	YES 10-14-70	WJ HPC

ITEM NO.	PART NO.	DESCRIPTION	PAGE
16	-2005	CABLE ASSY	2.53.3
15	VAL-12	RESISTOR	2.53.3
14	S-1696-4	SWITCH	2.53.3
13	F-4	DIODE	2.53.3
12	S-1640-6	HOUSING-PIN	2.53.2
11	S-1641-6	HOUSING-SOCKET	2.53.3
10	S-1860-10	CKT BKR	2.53.3
9	S-1696-2	SWITCH	2.53.3
8	S-2062-3	CONTROL	2.53.3
7	S-1898-1	HOUSING	2.53.3
6	S-1898-3	HOUSING	2.53.3
5	28371-0009	CONNECTOR	2.53.3
4	(589506-00)	ANTENNA-MKR BCN	6.6
3	-205	CABLE ASSY	6.9
2	0570084-1	JUNCTION BOX	7.15
1	31240-0014	RECEIVER	4.5

EQUIPMENT TABLE

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESNA SPEC. NO.
S-XXX OR CMXXXX-CESNA
STD. NO.

SUPERSEDES:

Pg. 2.53.1

SUPERSEDED BY:

WIRE	CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLUE	22	-22-6				
BLU/GRN	22	-22-6-5			S-1837-1 SOLDER	
GRY/YEL	22	-22-8-4			S-1837-1 SOLDER	
GRN/BLU	20	-20-5-6			S-1837-1 SOLDER	
YEL/RED	20	-22-4-2			SOLDER SOLDER	
WHT/YEL	22	-22-9-4			SEE TAN/YEL S-1370-1	
WHT/TAN	22	-22-9-10			SOLDER S-1370-1	
WHT/RED	22	-22-9-2			SEE TAN/BLU S-1370-1	
WHT/GRN	22	-22-9-5			SOLDER S-1636-1	
WHT/BLK	22	-22-9-0			SEE TAN/WH S-1370-1	
WHT/BLU	22	-22-9-6			SOLDER S-1636-1	
TAN/YEL	22	-22-10-4			S-1636-2	
TAN/WH	22	-22-10-9			S-1636-2	
TAN/BLU	22	-22-10-6			S-1636-2	
RED/GRN	20	-20-2-5			S-1837-1	
GRY/BLU	22	-22-8-6			SOLDER	
GRN/BLU	20	-20-5-6			S-1837-1	
BLK/YEL	22	-22-0-4			S-1636-1	
BLACK	22	-22-0			S-1637-1-B	
BLACK	22	-22-0			S-1637-1-B	
WIRE	18	-18-0			SOLDER S-1637-1-B	
CODE NO.						

WIRE TABLE

CONTRACT NO:

NAME

DATE

DESIGN

GROUP

DRAWN

CHECK

STRESS

PROJ

APPD

OTHER

Cessna AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

TITLE

WIRING DIAGRAM --
CESSNA 300 MKR BCN (R-502B)
WITH VOA-50M INDICATOR

SIZE

CODE IDENT

DWG NO

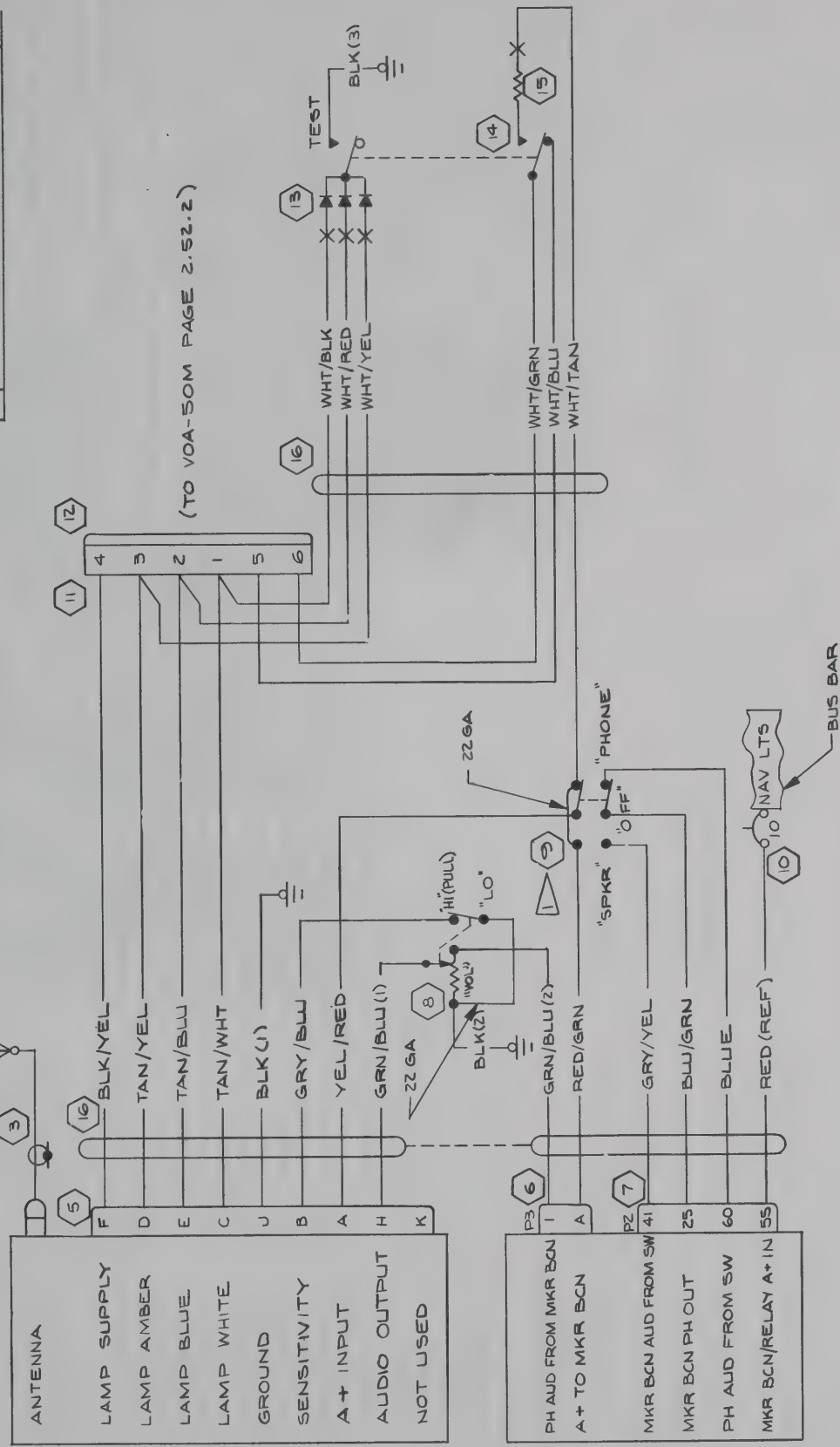
SCALE

NONE

18Z

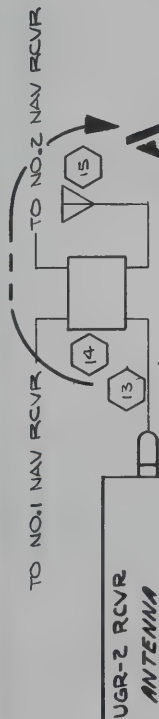
ED 4 RA 10924 (SR6392) IX

REVISIONS		
LTR	DESCRIPTION	DATE
A	FOR REV SEE P 2.53.4	



CONTRACT NO:			CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE			
GROUP	COMPTON	6-25-70	WIRING DIAGRAM - CESSNA			
DRAWN	J. Henning	6-26-70	300 MKR BCN (R-502B) WITH			
CHECK	JERRY HENNING	6-25-70	VOA-50M INDICATOR			
STRESS	K.K. WHITE	6-25-70				
PROJECT		6-24-70				
APPD.	Wm. Galt					
SUPERSEDED BY:		PO. 2.53.2				
SIZE	C	DWG NO.	0770750			
CODE IDENT.	71379	SCALE:	NONE	182		
			PAGE:		2.53.5	

REVISIONS		DATE	APPROVED
LTR	A		
DESCRIPTION			



UGR-2 RCVR
ANTENNA

G.S. ACTIVATE
A/B SELECT
109.1/111.1
109.3/111.3
109.5/111.5
109.7/111.7
109.9/111.9
110.1/108.1
110.3/108.3
110.5/108.5
110.7/108.7
110.9/108.9
GROUND

SPARE
SPARE
SPARE
SWITCHED A+
SWITCHED A+

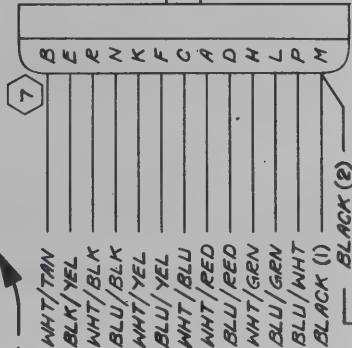
NOT USED
NOT USED

+ UP DEFLECT

+ DOWN DEFLECT
G.S. FLAG +

G.S. FLAG -

MARK 12B
NAV/COM



BLACK (2)

18 GA JUMPER

RED/BLK

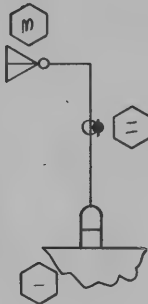
TAN/WHT

TAN/BLU

TAN/RED

TAN

DETAIL A
THRU SER (SR6392)



2 VOA-50M IND

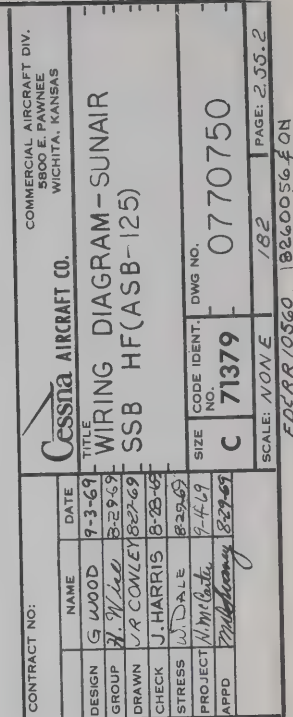
CONTRACT NO:		NAME		DATE
		V.R. S. 1963		2/29/63
DESIGN		TITLE		
GROUP		WIRING DIAGRAM - UGR-2		
DRAWN		GLIDESLOPE WITH NARCO		
CHECK		MARK 12B VOA-50M INDICATOR		
STRESS		W.C. DALE		
PROJECT		8-13-63		
APPD.		8-19-63		
SUPERSEDES		8-17-63		
C 71379		DWG NO.		
SCALE: NONE		182		
PAGE: 54.2				

NOTES:

- | | |
|---|--|
| 1 | 74403 CONNECTOR (12338) SUNAIR
NUMBER FOR UG88C/U CONNECTOR (07497) |
| 2 | 90873 CONNECTOR (12338) SUNAIR
NUMBER FOR PL-25 9 CONNECTOR (07497) |
| 3 | 74702 CONNECTOR (12338) SUNAIR
NUMBER FOR UG-536B/U CONNECTOR (07497) |

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: 99682 WAS PA1010, 99616 WAS CU-1000A, 99680 WAS ASB-1254 PINX WAS "Y", ADD TYPE NO. RE-1700, CU1104 PA1010A ED & RR 10786	J.D.R. 11/13/69	WJH 7/25 7/26 7/27
B	BY REV: ADD DETAIL A "PI" ED & RR 10815	J.D.R. 12/17/69	WJH 7/27 7/28 7/29
C	BY REV: SER OUT T4362, SER IN T5093, ADD DETAIL B ED & RR 10921	RLY 3-9-70	WJH 7/29 7/30 7/31

EQUIPMENT TABLE										WIRE TABLE									
PART NO.										CONTRACT NO.									
DESCRIPTION										NAME									
SUPERSEDES:										DATE									
CES-1000 IS APPLICABLE										DESIGN									
VENDOR CODES PER S-1400										GROUP									
CES-XXXX-CESNA SPEC. NO.										DRAWN									
S-XXX OR CXXXXX-CESNA										CHECK									
STD. NO.										STRESS									
SUPERSEDED BY:										APPD									
OTHER										OTHER									
SERIALS										SIZE									
WIRING DIAGRAM										CODE IDENT.									
SUNAIR - SSB										HF (ASB-125)									
SUNAIR - SSB										SUNAIR - SSB									
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REVISION		DATE	APPRO
LET	DESCRIPTION		

GRY/GRN(1)	22	-22-B-5	S-2099-2	SOLDER	
BLU/GRN	22S	S-1461-22-6-5			
BLU/BLK		S-1461-22-6-0			
BLU/WHI		S-1461-22-6-9			
BLU/RED		S-1461-22-6-2			
BLU/YEL		S-1461-22-6-4			
TAN	22S	S-1461-22-10			
GRN	20	-20-5			
GRY/RED(1)	22	-22-B-2			
GRY/RED		-22-B-2			
GRY/GRN		-22-B-5			
BLK(1)		-22-0			
WHI/TAN		-22-9-10			
WHI/GRN		-22-9-5			
BLU/TAN		-22-6-10			
BLU/TAN(1)					
BLU/TAN(2)					
BLU/TAN(3)					
BLU/TAN(4)		-22-6-10			
BLU		-22-6			
WHI/BLK	22	-22-9-0			
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:		NAME		DATE	TITLE	
DESIGN		V.R. SIPS		9-2-70	WIRING DIAGRAM	
GROUP		H.W. W		9-2-70	CESSNA 300R NAV/COMM -VOR	
DRAWN		PAPE		8-31-70	(ARC TYPE 508 & 528A)	
CHECK		K.K. WHITE		9-2-70		
STRESS						
PROJ		H.W. W		9-4-70	C 71379	
APPD		E. J. JOHNSON		9-2-70	C 71379	
OTHER					SCALE: NONE	
					PAGE: 2.56.0	

EDRA 10166 (SR664T)

23	0570400-2022	CABLE ASSY	
22			
21	S-1838-2	HOUSING	
20			
19			
18	-2011	CABLE ASSY	
17	S-2086-1	ANT COUPLER	
16	31640-0000	INDICATOR(IN-514R)	(00781)
15	0570084-1	JCT BOX ASSY	
14	MS3106B-18-15	CONNECTOR	
13	1270012-12	ANTENNA-NAV	
12	598501-0103	ANTENNA-VHF	
11	-270	CABLE ASSY	
10	1270059-1	BALLIN STUD	
9	1270801-252	CABLE ASSY	
8	1270801-200	CABLE ASSY	
7	59750-1014	TRANSMITTER (528A)	(00781)
6	39340-1014	TRANSMITTER (500A)	(00781)
5	S-2096-1	BLOCK	
4	S-1637-2	HOUSING-SOCKET	
3	S-1637-1	HOUSING-PIN	
2	S-1360-5	CKT BKR	
1	S-1360-10	CKT BKR	
ITEM NO	PART NO.	DESCRIPTION	

EQUIPMENT TABLE

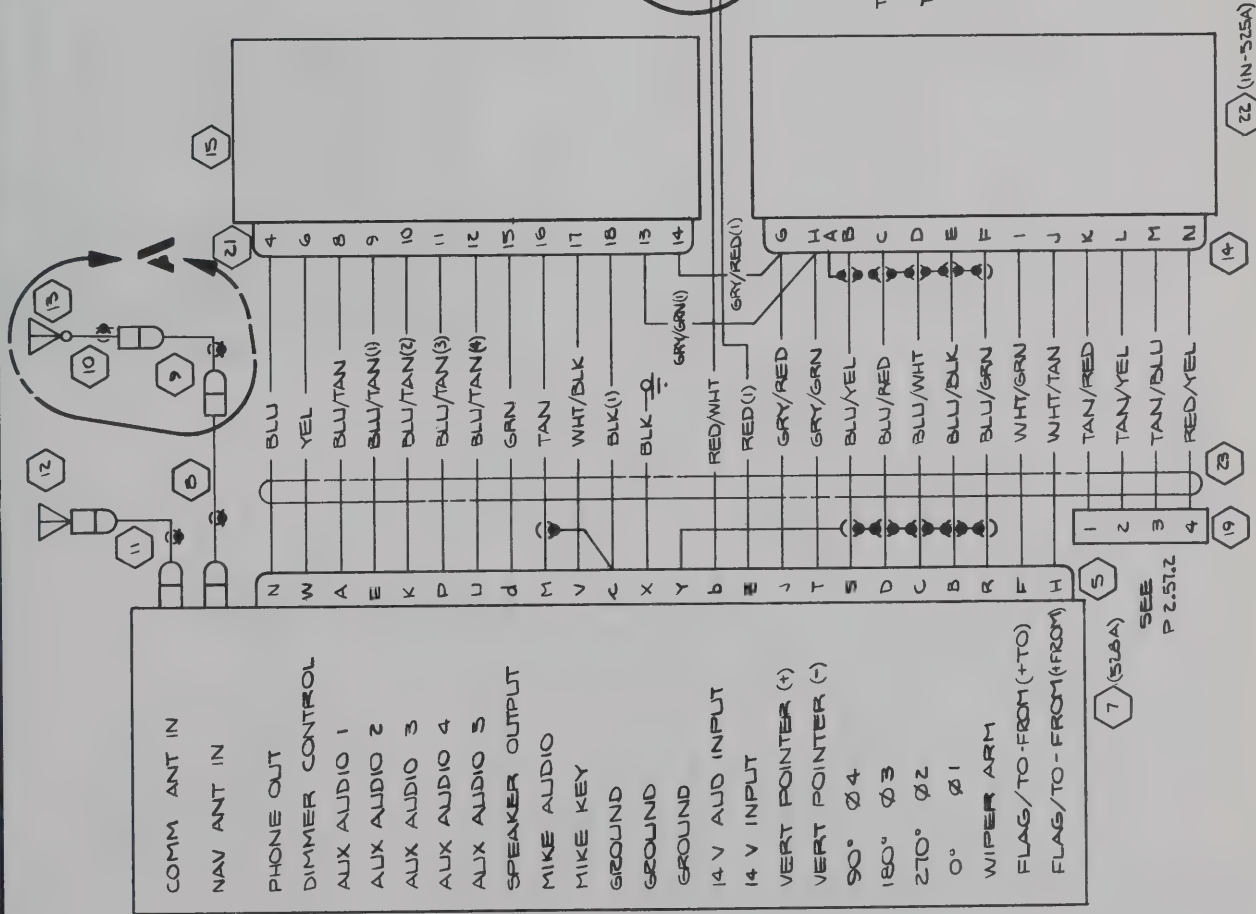
CES-1000 IS APPLICABLE	SUPERSEDES:
VENDOR CODES PER S-1400	P 2.3.0
CES-XXXX-CESNA SPEC. NO.	SUPERSEDED BY:
S-XXX OR CMXXX-CESNA	
STD. NO.	

RED/WHI(2)	18	-18-2-9	S-2099-1	S-1635-2	
YEL	18	-18-4	S-2099-1	S-1637-1	
BLK	16	-16-0	S-2099-1	S-1361-28	
RED/WHI(1)	18	-18-2-9	S-1636-2	S-1361-26	
RED/WHI	18	-18-2-9	S-2099-1	S-1635-2	
RED(3)	16	-16-2	S-2099-1	S-1635-2	
RED(2)	16	-16-2	S-1636-2	S-1361-26	
RED(1)	16	-16-2	S-2099-1	S-1635-2	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

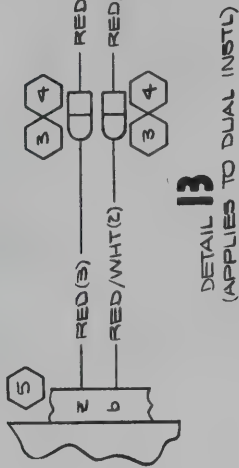
WIRE TABLE

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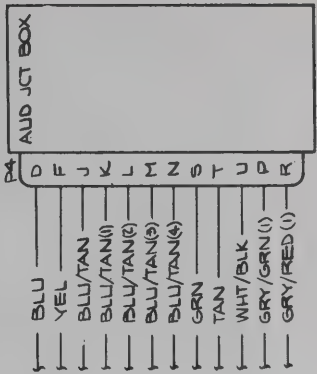
REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



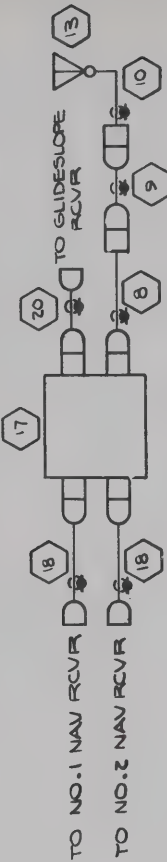
COMM ANT IN
 NAV ANT IN
 PHONE OUT
 DIMMER CONTROL
 AUX AUDIO 1
 AUX AUDIO 2
 AUX AUDIO 3
 AUX AUDIO 4
 AUX AUDIO 5
 SPEAKER OUTPUT
 MIKE AUDIO
 MIKE KEY
 GROUND
 GROUND
 GROUND
 14 V AUDIO INPUT
 14 V INPUT
 VERT POINTER (+)
 VERT POINTER (-)
 90° Ø 4
 180° Ø 3
 270° Ø 2
 0° Ø 1
 WIPE ARM
 FLAG/TO-FROM (+TO)
 FLAG/TO-FROM (FROM)



DETAIL 13
 (APPLIES TO DUAL INSTL)



(APPLIES TO DUAL INSTL)



DETAIL A
 (APPLIES TO DUAL INSTL)

CONTRACT NO:		NAME		DATE
DESIGN		VR S1P5		9/2/70
GROUP		X W W		9-2-70
DRAWN		PAP		8-3-70
CHECK		LK WHITE		9-2-70
STRESS		H. H. C. C.		9-4-70
PROJECT		KNOWLEDGE		9-2-70
APPD		C 71379		
SIZE		C		
CODE IDENT. NO.		0770750		
SCALE		NONE		
PAGE		182		
PAGE		2,56.3		

COMMERCIAL AIRCRAFT DIV.
 5800 E. FARMER
 WICHITA, KANSAS
Cessna AIRCRAFT CO.
 TITLE
 WIRING DIAGRAM -
 CESSNA 300R NAV/COMM -
 VOR/ILS (ARC TYPE 528A)

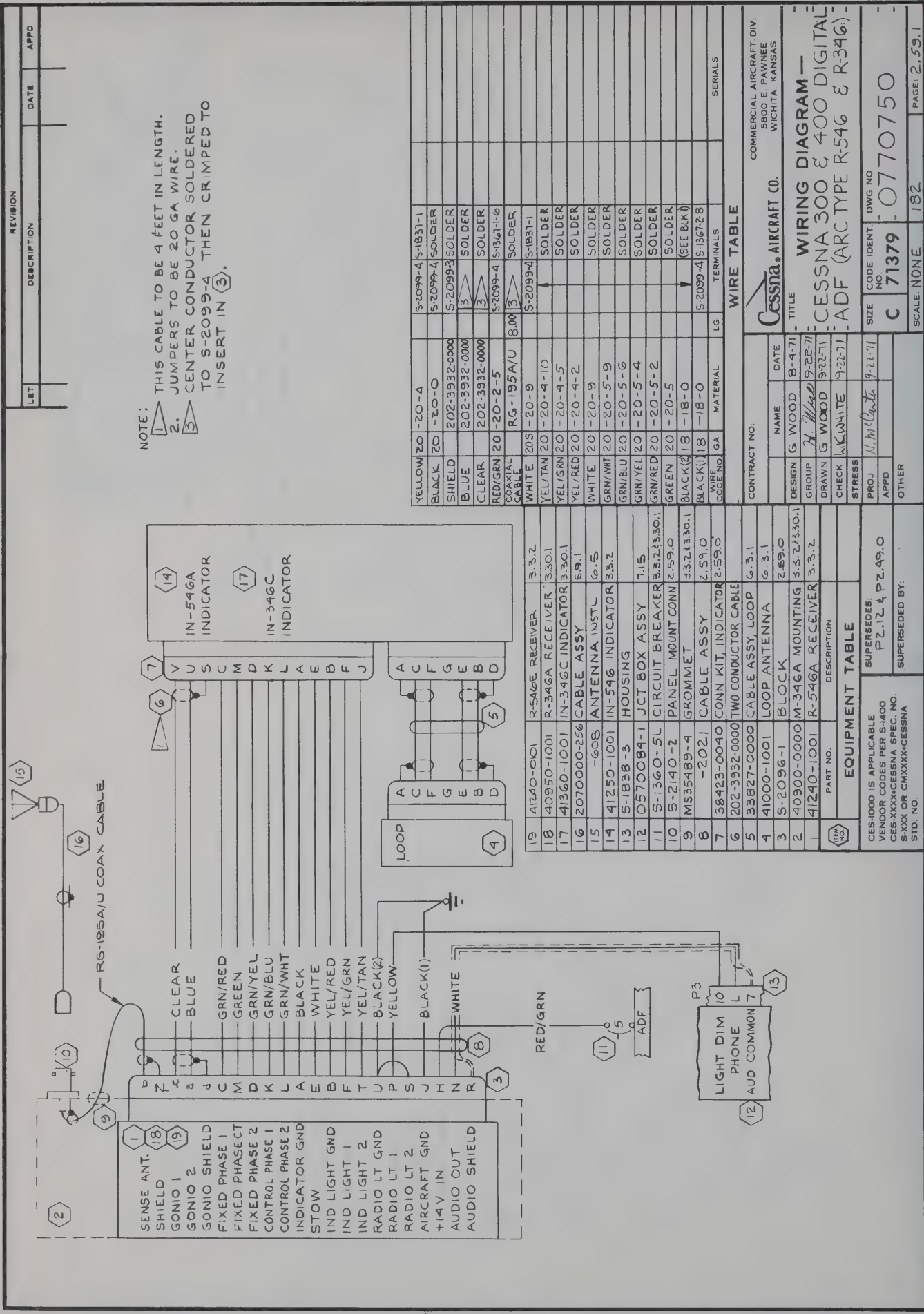
LET	DESCRIPTION	DATE	APPD

RED/YEL	22	22-Z-2-4	S-1B35-1	SOLDER
TAN/BLU	▲	-22-10-6	S-1B35-1	▲
TAN/YEL		-22-10-4	S-1B35-1	
TAN/RED		-22-10-2	S-1B35-1	
BLU/BLK		-22-6-O	S-2099-2	
BLU/RED		-22-6-2	▲	▲
BLU/YEL		-22-6-4		
BLU/GRN		-22-6-5		
BLU/MHT		-22-6-9		
GRY/BLU		-22-8-6		
GRY/TAN		-22-8-10		
GRY/YEL		-22-8-4		
GRY/BLK		-22-B-O		
BLK/YEL	▲	-22-O-4	▲	▲
GRY/RED	22	-22-8-2	S-2099-2	
RED	1B	-1B-2	S-2099-1	▲
BLK	1B	-1B-O	S-2099-1	
WIRE GA	1B		TERMINALS	SERIALS

CONTRACT NO:			WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. FAYETTE WICHITA, KANSAS	
Cessna. AIRCRAFT CO.			TITLE WIRING DIAGRAM— CESSNA 400 GLIDESLOPE (ARC TYPE R-543B)		SCALE: NONE	
DESIGN	NAME	DATE	SIZE	CODE IDENT.	DWG NO	0770750
GROUP	VR SIZES	9-2-70	C	NO.	71379	
DRAWN	PAPE	9-2-70				
CHECK	LK WHITE	9-2-70				
STRESS						
PROJ	<i>N. McCate</i>	9-4-70				
APPD	E. J. OUNGERS	9-2-70				
OTHER						

14	-2010	CABLE ASSY	
13	S-2006-1	ANT. COUPLER	
12	1270059-1	BALLUN STUBS	
11	1270012-12	ANTENNA -NAV	
10	1270801-200	CABLE ASSY	
9	-2003	CABLE ASSY	
8	-2011	CABLE ASSY	
7	1270801-252	CABLE ASSY	
6			
5	S-1640-9	HOUSING	
4	36440-0000	G/S RECEIVER	(007B1)
3	39380-1014	TRANCEIVER	(007B1)
2	36194	CONNECTOR	(007B1)
1	S-2096-1	BLOCK	
PART NO.		DESCRIPTION	
ITEM NO.		EQUIPMENT TABLE	
CES-1000 IS APPLICABLE VENDOR CODES PER SJ-400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.			SUPERSEDES: P 2.35.1 SUPERSEDED BY:

FORM NO. 80-216



NOTE: THIS CABLE TO BE 4 FEET IN LENGTH. JUMPERS TO BE 20 GA WIRE. CENTER CONDUCTOR SOLDERED TO S-2099-4 THEN CRIMPED TO INSERT IN (3).

YELLOW 20	20-4	S-2099-4	S-1837-1
BLACK 20	20-0	S-2099-4	SOLDER
SHIELD	202-3932-0000	S-2099-4	SOLDER
BLUE	202-3932-0000	3	SOLDER
CLEAR	202-3932-0000	3	SOLDER
RED/GRN	20-2-5	S-2099-4	S-1367-1-6
COAXIAL CABLE	RG-195A/U	8.00	SOLDER
WHITE 20S	20-9	S-2099-4	S-1837-1
YEL/TAN 20	20-4-10		SOLDER
YEL/GRN 20	20-4-5		SOLDER
YEL/RED 20	20-4-2		SOLDER
WHITE 20	20-9		SOLDER
GRN/WHT 20	20-5-9		SOLDER
GRN/BLU 20	20-5-6		SOLDER
GRN/YEL 20	20-5-4		SOLDER
GRN/RED 20	20-5-2		SOLDER
GREEN 20	20-5		SOLDER
BLACK(2) 18	18-0		(SEE BLK 1)
BLACK(U) 18	18-0	S-2099-4	S-1367-2-8
WIRE CODE NO.	G.A.	MATERIAL	LG
TERMINALS			

WIRE TABLE

CONTRACT NO. _____ DATE _____

DESIGN G WOOD 8-4-71

GROUP H Wood 9-22-71

DRAWN G WOOD 9-22-71

CHECK W K WHITE 9-22-71

STRESS _____

PROJ _____

APPD _____

OTHER _____

WIRING DIAGRAM - CESSNA 300 & 400 DIGITAL ADF (ARC TYPE R-546 & R-346)

SIZE CODE IDENT: DWG NO. C 71379 0770750

SCALE: NONE 182 PAGE: 2.59.1

EQUIPMENT TABLE

ITEM NO.	PART NO.	DESCRIPTION
19	41240-001	R-546A RECEIVER
18	40950-1001	R-346A RECEIVER
17	41360-1001	IN-346C INDICATOR
16	2070000-256	CABLE ASSY
15	-608	ANTENNA INSTL
14	41250-1001	IN-546 INDICATOR
13	5-1838-3	HOUSING
12	0570084-1	JCT BOX ASSY
11	5-1360-5L	CIRCUIT BREAKER
10	5-2140-2	PANEL MOUNT CONN
9	MS35489-4	GROMMET
8	-2021	CABLE ASSY
7	38423-0040	CONN KIT, INDICATOR
6	202-3932-0000	TWO CONDUCTOR CABLE
5	33827-0000	CABLE ASSY, LOOP
4	41000-1001	LOOP ANTENNA
3	5-2096-1	BLOCK
2	40900-0000	M-346A MOUNTING
1	41240-1001	R-546A RECEIVER

REVISIONS		
LTR	DESCRIPTION	DATE
B	BY REV: DELETE TAN WIRES; GREEN-YELLOW WIRE WAS YELLOW-BLACK ED & RR 10346	A.S. 23-69
		JWH PAC 10/5 10/5 10/5

NOTES:

- WHERE WIRE CODE LISTS 2 COLORS,
1ST COLOR IS BASE & 2ND COLOR IS
STRIPE.
- GRAY-RED WIRE IS "DEV" CIRCUIT &
GRAY-GREEN WIRE IS "DEV" CIRCUIT
FOR A CONNECTION TO A VOR INDICATOR.
- CONNECTOR KIT (WHICH INCLUDES
ALL CONNECTORS LISTED IN
REFERENCE EQUIPMENT TABLE) IS
ARC NUMBER 28883-00000.

REVISIONS		
LTR	DESCRIPTION	DATE
A	BY REV: FA3(REF) WAS RED/WHT & FA4(REF) WAS BLK/WHT ED & RR 01975	RLY 3-28-68
		64/105 10/5 10/5

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL/TAN 20				SOLDER	1270449
YEL/RED 20				SOLDER	
GRN/YEL 18				SOLDER	
YEL 20				SOLDER	
WHT/YEL 22					
WHT/YEL 1					
WHT/TAN					
WHT/TAN					
WHT/RED					
WHT/RED					
WHT/GRN					
TAN/WHT				SOLDER	1270449
TAN/BLU 22					
RED/BLK 18				SOLDER	1270449
RED/BLK 18					
RED 16					
GRN/BLU 22					
GRN/BLU					
GRN					
GRAY/YEL					
GRAY/RED					
GRAY/GRN					
GRAY/BLU 22					
BLU/YEL 22					
BLU/YEL 22					
BLU/WHT 22					
BLU/RED 22					
BLU/GRN 22					
BLU/BLK 22				SOLDER	1270449
BLU				SOLDER	1270449
BLK					
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
				N/A	

WIRE TABLE

CONTRACT NO:		
DESIGN	NAME	DATE
GROUP	H. W. W.	2-26-67
DRAWN	C. GARCIA	9-9-67
CHECK	LAURIE	9-12-67
STRESS	OWS	9-14-67
PROJECT	H. W. W.	9-15-67
APPRO	P. E. KOSCE	9-24-67
SUPERSEDES: 0770610 P12.7.1		
REPLACES: 0770610 P12.7.1		
Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
TITLE WIRING DIAGRAM - CESSNA 300 NAV-O-MATIC AUTOPILOT (OPT)		
SIZE	CODE IDENT.	DWG NO
C	71379	0770610
SCALE: NONE		PAGE: 17.25.0

EQUIPMENT TABLE		
PART NO.	DESCRIPTION	
16	28505-0000 PLUG (00781)	
15	28326-0000 PLUG	
14	28326-0005 PLUG	
13	29410 PLUG	
12	28371-0009 PLUG	
11	28371-0005 PLUG	
10	28336 PLUG	
9	28460 PLUG	
8	50528-0002 PLUG (00781)	
7	CA-2 CKT BKR (80602)	
6	5-1360-10 CKT BKR	
5	35060-0014 TURN COORD (TYPE G500A)	
4	26360-0000 ACTR ASSX (TYPE PA-510A)	
3	30370-0100 DIR GYRO (TYPE G-520A)	
2	28900-0000 OMNI COUPLER (TYPE CAS12A)	
1	35660-1014 CONT AMPL (TYPE C-594B)	

(SR5157) IX

[illegible]

ALL CONNECTORS ARE VENDOR SUPPLIED
IN KIT NO. 38411 EXCEPT FOR 5-1838-1 HOUSING
GROUND AS CLOSE TO ACTUATOR UNIT
AS POSSIBLE

GROUND AS CLOSE TO ACTUATOR UNIT
AS POSSIBLE

GROUND AS CLOSE AS POSSIBLE

WHT/TAN(1)	22	-22-9-10	SOLDER	SOLDER	SERIALS
WHT/RED	22	-22-9-2			
WHT/RED	22	-22-9-2			
WHT/YEL	22	-22-9-4			
WHT/YEL	22	-22-9-4			
WHT/GRN	22	-22-9-5			
WHT/GRN	22	-22-9-5			
TAN/WHT	22	-22-10-9			
TAN/BLU	22	-22-10-6			
BLU/RED	22	-22-6-2			
BLU/YEL	22	-22-6-4			
BLACK	1B	-1B-0			
BLU/BLK	22	-22-6-0			
BLU/TAN	22	-22-6-10			
BLU/RED	22	-22-6-2			
BLU/YEL	22	-22-6-4			
BLU/GRN	22	-22-6-5			
GRY/GRN	22	-22-8-5			
GRY/RED	22	-22-8-2			
YELLOW	20	-20-4			
GREEN	20	-20-5			
GRY/YEL	22	-22-8-4			
BLU/WHT	22	-22-6-9			
GRY/BLU	22	-22-8-6			
BLUE	22	-22-6			
YEL/TAN	20	-20-4-10			
YEL/RED	20	-20-4-2			

WIRE TABLE			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			PAGE 1726.0		
CONTRACT NO.			 CESSNA AIRCRAFT CO.					
			TITLE			WIRING DIAGRAM — CESSNA 300 NAV-O-MATIC AUTOPILOT (14 VOLT)		
DESIGN	NAME	DATE				SIZE	CODE IDENT.	DWG NO.
GROUP	L AURIE	5-24-68				C	NO.	0770610
DRAWN	H. WILCOX	5-17-68						
CHECK	G. DAVIN	5-10-68						
STRESS	D. R. BUTT	5-14-68						
PROJECT	J. H. BAKER	5-15-68						
APPD	S. MANLEY	5-10-68						
						SCALE:	NONE	182

PART NO.		DESCRIPTION		VENDOR	
25	1270449-3	CABLE ASSY			
24	1270449-1	CABLE ASSY			
23	1270449-4	CABLE ASSY			
22	1270449-5	CABLE ASSY			
21	1270449-10	CABLE ASSY			
20	0570084-1	JUNCTION BOX ASSY			
19	S-1838-1	HOUSING			
18	S-1838-2	HOUSING			
17	S-1360-10	CIRCUIT BREAKER			
16	S-1360-5	CIRCUIT BREAKER			
15	5032B-0002	PLUG			
14	35060-0014	RATE GYRO			
13	28460-0000	PLUG			
12	28326-0009	PLUG			
11	28505-0009	PLUG			
10	38423-0001	PLUG			
9	35070-1014	ROLL ACTUATOR			
8	28326-0005	PLUG			
7	30370-0100	DG			
6	29410-0000	PLUG			
5	28900-0000	OMNI COUPLER			
4	28336-0000	PLUG			
3	28371-0005	PLUG			
2	28311-0009	PLUG			
1	35660-1014	CONTROLLER AMPL			

CEC-1000 IS APPLICABLE
VENDOR CODES PER S1400
CES-XXXX-CESSMA SPEC NO.
S-XXX OR CMAXX-CESSMA

SUPERSEDED BY:
P17.25.0 & P17.25.1

CEC-1000 IS APPLICABLE
VENDOR CODES PER S1400
CES-XXXX-CESSMA SPEC NO.
S-XXX OR CMAXX-CESSMA

SUPERSEDED BY:
P17.25.0 & P17.25.1

FORM NO. 80-215A

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	U206 SERIAL U20601588 & ON P206 SERIAL P206-0520 THRU P20600648 TP206 SERIAL TP206-0520 THRU TP20600648		
2.0.2	Radio Spkr, Phone Jack, Mike, Light Rheo. & Pwr. Ckts.	8-8-69	NC-Inac
2.0.3	Schematic Diagram-Audio Junction Box, Internal Wiring	5-12-69	A
2.0.4	Radio Spkr, Phone Jack, Mike, Light Dim & Pwr. Ckts.	8-8-69	NC
2.0.5	Radio Spkr, Phone Jack, Mike, Light Dim & Pwr. Ckts.	8-8-69	NC
2.3.1.4	Cessna 300 Nav/Com (Type 540A, 517R with IN525A & IN-514)	6-15-71	NC-Inac
2.3.1.5	Cessna 300 Nav/Com (Type 540A, 517R with IN525A & IN-514)	6-15-71	NC-Inac
2.4.2	W.D. - Cessna 300 Marker Beacon (Type 502B)	11-30-70	A-Inac
2.6.0.1	Cable Assy - Audio, Omni & XMTR Selector Switches	5-17-71	B-Inac
2.6.0.3	W.D. - Schematic Dual Voltage Regulator	9-18-71	NC
2.6.1.1	W.D. - Audio Selector Switch	5-17-71	NC-Inac
2.6.1.2	W.D. - Audio Selector Switch - Push Button	3-1-72	A
2.6.1.3	W.D. - Audio Selector Switch - Push Button	3-1-72	A
2.6.2.1	W.D. - Omni Audio XMTR Switch	5-17-71	NC-Inac
2.6.2.2	W.D. - Omni Selector Switch Puch Button	3-1-72	A
2.6.3.1	W.D. - Transmitter Selector Switch	5-17-71	A-Inac
2.6.3.2	W.D. - Transmitter Selector Switch - Push Button	3-1-72	A
2.6.8.1	W.D. - Typical Switching Narco Mark 12A & ADF	12-10-68	NC
2.6.9	W.D. - Typical Switching - Partial "A" ISO AMP & ADF, HF XCVR & COM 300	9-13-68	NC
2.7.3	W.D. - Cessna 300 Com (ARC Type 524A)	9-13-68	NC
2.12	Cessna ADF 300 (ARC Type 521B)	9-28-71	B-Inac
2.20.2	W.D. - Cessna 300 DME	2-18-69	A

Cessna.

TITLE: RADIO WIRING DIAGRAMS
MODEL 206 SERIES

DRAWING NO.

1270675

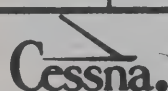
DATE: 15 April 1972

PAGE: 1 of 4

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

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PAGE NO.	TITLE	DATE ISSUED	REV
2.23.2	W.D. - Cessna 300 H. F.	8-3-70	A
2.23.3	W.D. - Cessna 300 H. F.	8-3-70	A
2.23.4	W.D. - Cessna H. F.	9-13-68	NC
2.25.2	W.D. - Narco Mark 12A with VOA-8 & VOA-9	9-30-69	NC-Inac
2.25.3	W.D. - Narco Mark 12A with VOA-8 & VOA-9	9-30-69	NC-Inac
2.36.3	W.D. - King KA 25C Audio Amplifier	9-13-68	NC
2.39.1	W.D. - Narco UGR-2 Glideslope with Narco Mark 12A & VOA 9	9-30-69	A-Inac
2.43.1	W.D. - Cessna 400 Glideslope (ARC Type R543B)	12-20-67	A
2.44.3	W.D. - Audio Switching Narco Mark 12A	9-13-68	NC
2.45.1	W.D. - Cessna 400 Glideslope (ARC Type 543B)	6-15-71	A-Inac
2.46.2.1	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	6-2-70	D
2.46.2.2	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	6-2-70	D
2.46.2.3	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	10-27-69	NC-Inac
2.46.3	W.D. - Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	10-27-69	NC
2.48.4	W.D. - Pitch Trim, Mike & Map Light, Control Wheel	9-11-69	B
2.48.5	Mike Switch, Control Wheel	7-9-70	NC-Inac
2.48.6	Mike Switch, Control Wheel	7-9-70	NC
2.49	W.D. - Pitch Trim & Mike Switch Control Wheel	9-11-69	C-Inac
2.50	W.D. - Pitch Trim & Map Light Control Wheel	9-11-69	B-Inac
2.52.1	W.D. - Cessna 400 Transponder (ARC Type 506A)	4-23-68	B
2.53.1	W.D. - Mike Key - Control Wheel	7-1-69	A
2.54.3	W.D. - Cessna 300 Transponder	8-20-69	A
2.54.4	W.D. - Cessna 300 Transponder	8-20-69	A
2.55.1	W.D. - Cessna 400 ADF (ARC Type 324A)	9-28-71	NC-Inac



TITLE: RADIO WIRING DIAGRAMS
MODEL 206 SERIES

DRAWING NO.

1270675

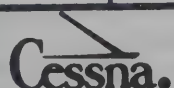
DATE: 15 April 1972

PAGE: 2 of 4

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.56.1	W.D. - Narco Mark 12B with VOA-40 Indicator	4-3-72	NC-Inac
2.56.2	W.D. - Narco Mark 12B with VOA-40 Indicator	4-3-72	NC-Inac
2.57.1	W.D. - Narco Mark 12B with VOA-50M Indicator	4-3-72	NC-Inac
2.57.2	W.D. - Narco Mark 12B with VOA-50M Indicator	4-3-72	NC-Inac
2.57.3	W.D. - Narco Mark 12B with VOA-50M Indicator	4-3-72	NC-Inac
2.58.1	W.D. - Cessna 300 Mkr Bcn (R502B) with VOA-50M Indicator	4-3-72	NC-Inac
2.58.2	W.D. - Cessna 300 Mkr Bcn (R502B) with VOA-50M Indicator	11-30-70	NC-Inac
2.58.3	W.D. - Cessna 300 Mkr Bcn (R-502B) with VOA-50M		
2.59.1	W.D. - UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	4-3-72	NC-Inac
2.59.2	W.D. - UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	4-3-72	NC-Inac
2.60.1	W.D. - SSB (HF) (ASB-125)	3-24-70	B
2.60.2	W.D. - SSB (HF) (ASB-125)	3-24-70	B
2.62.1	W.D. - Cessna 400 Glideslope (ARC Type R-543)	6-15-71	NC
2.62.2	W.D. - Cessna 400 Glideslope (ARC Type R-543B)	6-15-71	NC
2.63.1	W.D. - Cessna 300 Mkr Bcn (Type R-502B)	11-30-70	NC
2.63.2	W.D. - Cessna 300 Mkr Bcn (Type R-502B)	11-30-70	NC
2.64.1	W.D. - Cessna 300R Nav/Com - VOR/ILS (ARC Type 528A)	6-15-71	NC
2.64.2	W.D. - Cessna 300R Nav/Com - VOR/ILS (ARC Type 528A)	6-15-71	NC
2.64.3	W.D. - Cessna 300R Nav/Com - VOR (ARC Type 508A & 528A)	6-15-71	NC
2.64.4	W.D. - Cessna 300R Nav/Com - VOR (ARC Type 508A & 528A)	6-15-71	NC
2.65.1	W.D. - Cessna 300 & 400 Digital ADF (ARC Type R-546A & R346A)	9-28-71	NC



TITLE: RADIO WIRING DIAGRAMS
MODEL 206 SERIES

DRAWING NO.

1270675

DATE: 15 April 1972

PAGE: 3 of 4

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

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PAGE NO.	TITLE	DATE ISSUED	REV
	DRAWING NUMBER 1270625		
17.26.0	Nav-O-Matic 400 System (Opt.)	9-29-69	B-Inac
17.26.1	Nav-O-Matic 400 System (Opt.)	9-29-69	B-Inac
17.26.5	Nav-O-Matic 400 System (Opt.)	6-6-68	NC
17.26.6	W.D. - Cessna 400 Nav-O-Matic (Opt.)	6-29-69	NC
17.26.7	W.D. - Cessna 400 Nav-O-Matic (Opt.)	9-29-69	NC
17.26.8	W.D. - Cessna 400 Nav-O-Matic (Opt.)	9-29-69	NC
17.26.9	W.D. - Cessna 400 Nav-O-Matic (Opt.)	9-29-69	NC-Inac
17.26.10	W.D. - Cessna 400 Nav-O-Matic (Opt.)	9-29-69	NC
17.28.0	Cessna 300 Nav-O-Matic Autopilot (Opt.)	9-29-69	C-Inac
17.28.1	Cessna 300 Nav-O-Matic Autopilot	9-29-69	C-Inac
17.29.0	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	9-29-69	A
17.29.1	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	9-29-69	A
17.29.2	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	9-29-69	A

Cessna.

TITLE: RADIO WIRING DIAGRAMS
MODEL 206 SERIES

DRAWING NO.

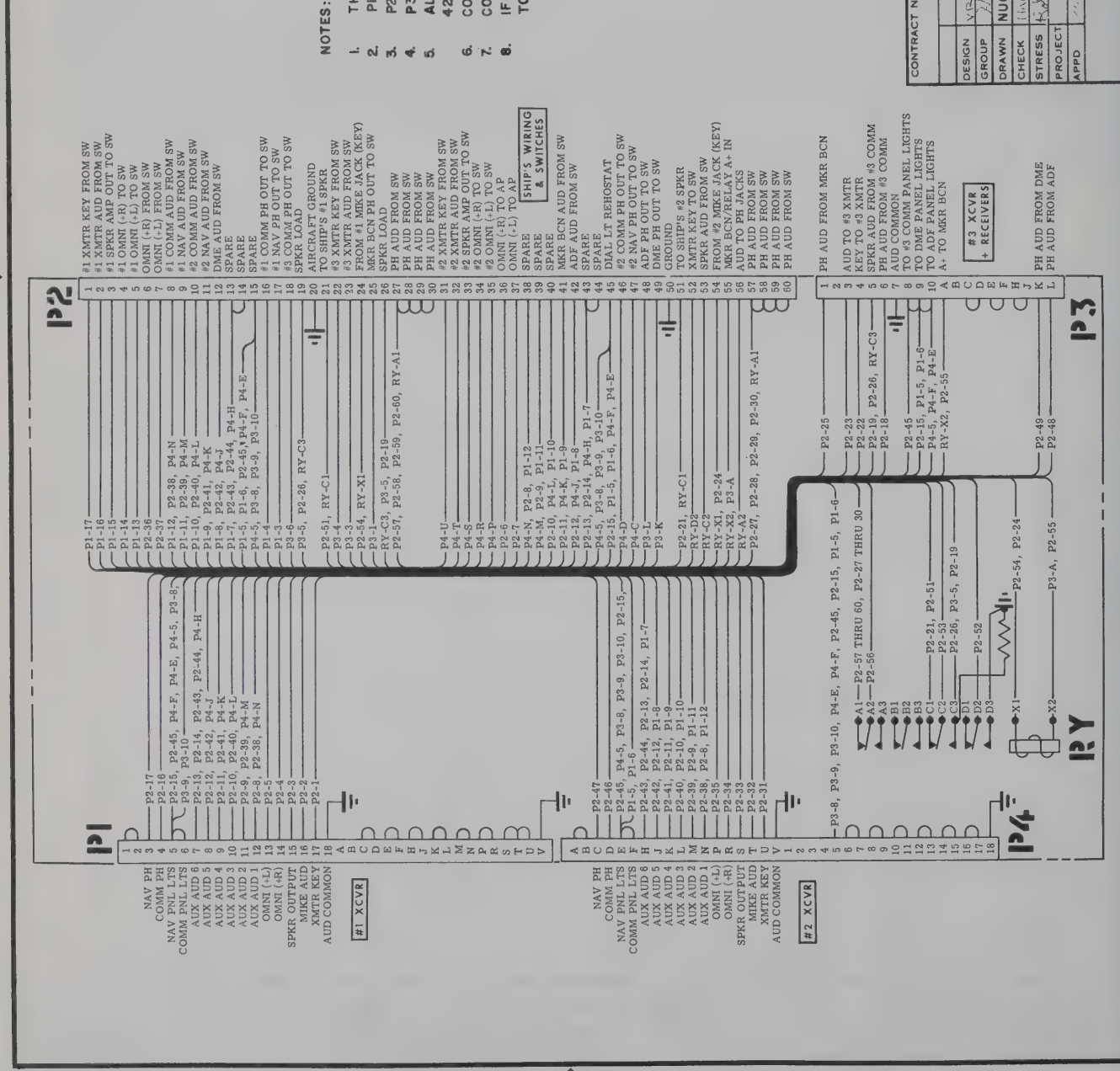
1270675

DATE: 15 April 1972

PAGE: 4 of 4

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		
A	BY REV: 465195-2 WAS 46195-2; ADD NOTE 8 EDRR 24170	DGP 5-1-68	ECN



NOTES:

- THIS DRAWING FOR TECHNICAL USE ONLY
- PI AND P4 MATE WITH S-1838-2 HOUSING (AMP 1-582191-5)
- P2 MATES WITH S-1838-1 HOUSING (AMP 480146-7)
- P3 MATES WITH S-1838-3 HOUSING (AMP 582963-2)
- ALL THE ABOVE HOUSINGS USE S-1837-1 CONTACT PINS (AMP 42717-3LP) AND S-1836-1 KEYING PLUGS (AMP 582501-1)
- CONTACTS CRIMP ON WITH AMP TOOL 90017
- CONTACTS EXTRACT WITH AMP TOOL 465195-2
- IF A CRIMPING TOOL IS NOT AVAILABLE WIRES MAY BE SOLDERED TO PINS IN LIEU OF CRIMPING

CONTRACT NO:		NAME	DATE
DESIGN GROUP		YB-341ES	1-13-68
DRAWN		NUCKOLLS	2-7-69
CHECK		THAYER	2-11-69
STRESS		THAYER	2-11-69
PROJECT			
APPD			
TITLE		SCHEMATIC DIAGRAM - AUDIO JUNCTION BOX, INTERNAL WIRING	
COMMERICAL AIRCRAFT DIV.		5800 E. PAWNEE WICHITA, KANSAS	
SIZE	CODE IDENT	DWG NO.	
C	71379		1270675
SCALE	NONE	U206 P206	PAGE: 2.0.3
ED&R 10361		SER P206-0520 & ON SER U206-1235 & ON	

NOTES:

1. AMP RATING OF S-1360 CIRCUIT BREAKER TO BE DETERMINED BY INSTL

2. WIRES TO BE OF SUFFICIENT LENGTH TO ALLOW CONNECTION TO ALL POSSIBLE RADIO COMBINATIONS. TERMINALS TO ATTACH TO WIRES AS REQUIRED BY THE VARIOUS RADIO INSTALLATIONS

REVISION		
LET	DESCRIPTION	DATE

TER NO	EQUIPMENT TABLE	
	PART NO.	DESCRIPTION
1	1570166-1	DIMMING ASSY
2	C596504-001	SPEAKER
3	S-1102-1	MIKE JACK
4	S-1360	CIRCUIT BKR
5	S-1612-1	PHONE JACK
6	S-1637-1	HOUSING-CAP
7	S-1637-2	HOUSING-PLUG
8	S-1640-6	HOUSING-PIN
9	S-1641-6	HOUSING-SOCKET
10	S-1838-1	HOUSING
11	S-1838-1	TERMINAL BOARD (ETNC)

WIRE CODE	NO.	GA.	MATERIAL	LG	TERMINALS		SERIALS
					LG	TERMINALS	
WHT/BLK	22		22-9-0			S-1837-1 SOLDER	
TAN	22		-22-10			S-1837-1 SOLDER	
RED	16		-16-2			S-1837-26	
BLU	22		-22-6			S-1837-1 SOLDER	
YEL(2)	18		-18-4			SOLDER S-1829-1	
GRN(3)	20		-20-5			S-1837-1 S-1635-1	
GRN(2)	20		-20-5			S-1636-1 S-1829-1	
BLK(2)	22		-22-0			S-1829-1 S-1837-18	
BLK(1)	22		-22-0			S-1837-1 SOLDER	

WIRE TABLE

CONTRACT NO:		NAME		DATE	
DESIGN		GROUP		DRAWN	
CHECK		STRESS		PROJ	
APPD		APPD		APPD	
OTHER		OTHER		OTHER	

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE
WIRING DIAGRAM -
RADIO SPEAKER, PHONE JACK,
MIKE, LIGHT DIM & PWR CKTS.

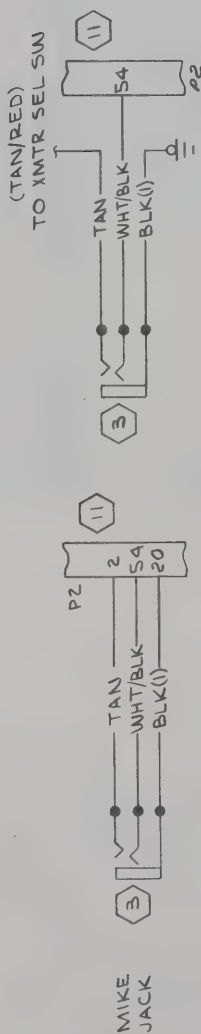
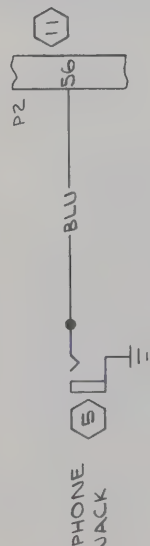
SIZE
C 71379

CODE IDENT.
DWG NO
1270675

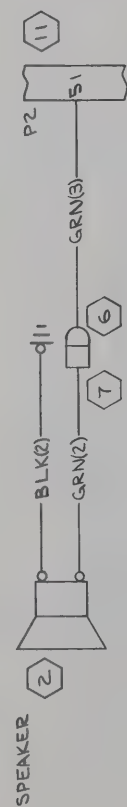
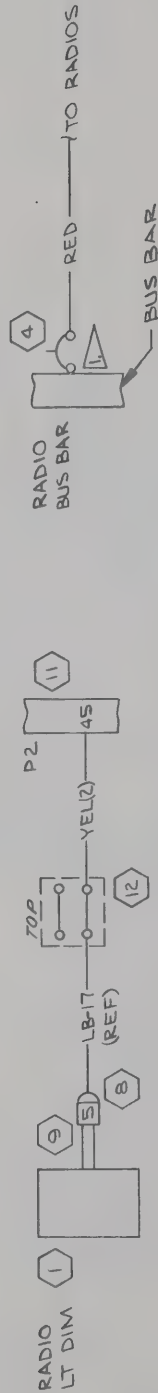
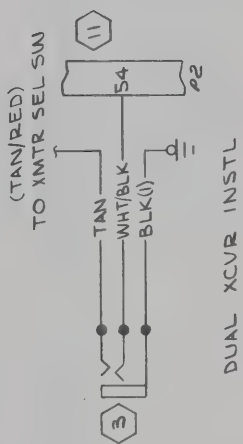
SCALE: NONE U206 & P206 PAGE: 20.4

ED-RR 10532 (SR6005)IX
(SR6006)IX

REVISIONS		
LTR	DESCRIPTION	DATE



SINGLE XCVR INSTL



CONTRACT NO:		NAME	DATE	TITLE
DESIGN	GROUP	DATE	8-7-69	WIRING DIAGRAM -
DRAWN	DL BURKE	8-7-69	8-7-69	RADIO SPEAKER, PHONE JACK
CHECK	ZYOUNGERS	8-5-69	8-7-69	MIKE, LIGHT DIM & PWR CKTS
STRESS	ADAMS	8-7-69	8-7-69	
PROJECT	101-1	8-7-69	8-7-69	
APPD	101-1	8-7-69	8-7-69	
SUPERSEDES	P 2, Q 2			
SCALE: NONE		U206 & P206	PAGE: 2 OF 5	
ED & RR 10532		(SR6005)IX	(SR6006)IX	

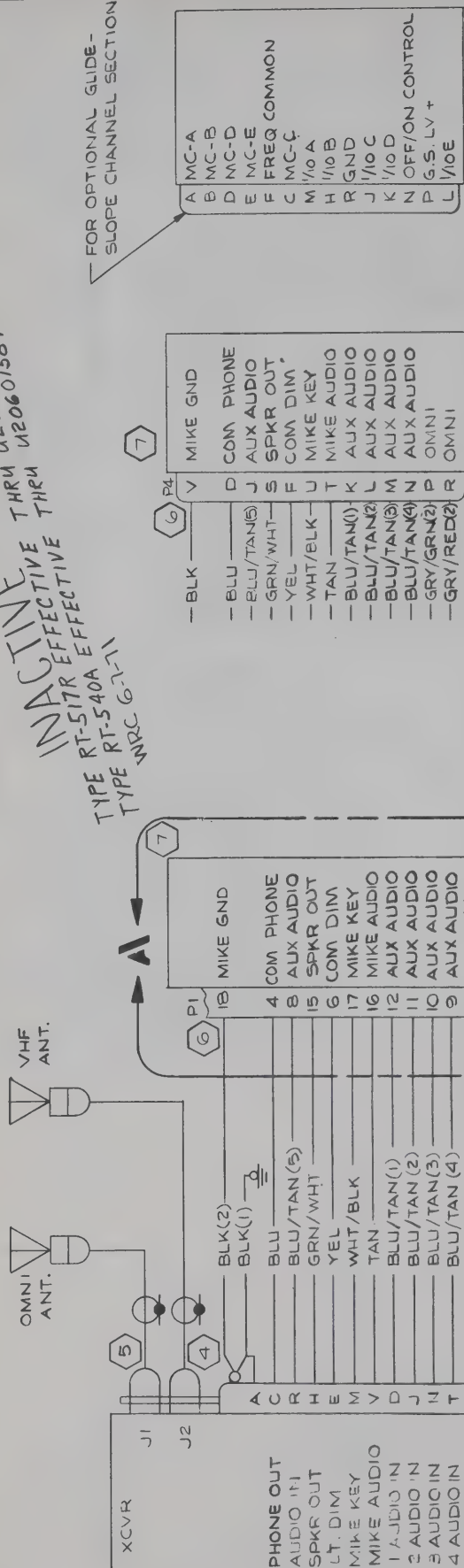
1. CESSNA 300 NAV/COM AMPLIFIERS ARE OPERATED "ALWAYS HOT" SPKR OUTPUTS FROM EACH SYSTEM DRIVE EITHER 50Ω WATT DUMMY LOAD OR THE SPKR AS DETERMINED BY TRANSMITTER SELECTED

LET	REVISION	DATE	APPD
			10/15/56

[illegible]

6	5-1838-2	HOUSING	00781	CONTRACT NO: TITLE WIRING DIAGRAM - CESSNA 300 NAV/COM (TYPE CESSNA 300 NAV/COM (TYPE 540A, 517R WITH IN525A&IN514)	COMMERCIAL AIRCRAFT DIV. 5800 E. PAVNSEE WICHITA, KANSAS
4	29753	CONNECTOR	00781		
3	5-1360-15	CIRCUIT BREAKER	00781		
2	29747-0026	CONNECTOR	00781		
1	37600-0114	XCVR (TYPE 540A)			
EQUIPMENT TABLE					
PART NO.					
DESCRIPTION					
SUPERSEDES:			P. 2.3.1.0		
SUPERSEDED BY:			P. 2.3.1.2		
CES-1000 IS APPLICABLE					
VENDOR CODES PER SI4000					
CES-XXXX= CESSNA SPEC. NO.					
S-XXX OR CMXXXX= CESSNA					
STD. NO.					

INACTIVE
TYPE RT-51TR EFFECTIVE
TYPE RT-540A
TYPE RT-6-2-11
WDR



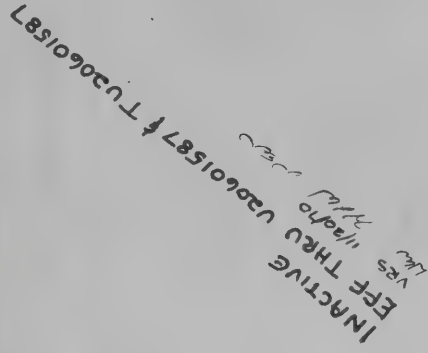
DETAIL A
2ND RADIO INSTL

[illegible]

WIRE TABLE				COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CONTRACT NO:		CESSNA AIRCRAFT CO. 			
DESIGN	NAME	DATE	TITLE		
GROUP	SIPES, V/R	6/7/68	WIRING DIAGRAM -		
DRAWN	SCRAPER	9-4-68	CESSNA 300 NAV/COM (TYPE		
CHECK	G. IRVIN	8-30-68	540A, 517R WITH IN525A(EN514)		
STRESS	R.F. GEIGER	9-3-68			
PROJECT	JEACH	9-11-68	SIZE	CODE IDENT.	DWG NO.
APPRO	QUANEY	8-30-68	C	71379	1270675
			SCALE: NONE	U206 + P206	PAGE: 2,3,1-5

ITEM NO.		PART NO.	DESCRIPTION	SUPERSEDES: P. 2.3.1.1
EQUIPMENT TABLE				P. 2.3.1.3
CES-1000 IS APPLICABLE				
VENDOR CODES PER SI400				
S-XXX OR CWMXXX-CFSSA				
STD. NO.				P. 2.64.1

2 PART OF -293 CABLE ASSY



WIRE TABLE									
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. FAWCETT WICHITA, KANSAS						
Cessna AIRCRAFT CO.			TITLE:						
DESIGN			NAME			DATE		WIRING DIAGRAM -	
GROUP			SIZES VR			6-10-68		CESSNA 300 MARKER BEACON	
DRAWN			7/17/68			9-4-68		(TYPE 502B)	
CHECK			SCRAPER			8-22-68			
STRESS			GIRVIN			8-30-68			
PROJECT			R.F.GEIDE			9-3-68			
APPD			SWANEY			8-30-68			
SIZE			CODE IDENT.			DWG NO.			
C			NO.			71379		1270675	
SCALE: NONE			U2064			U2064		PAGE: 2.4.2	

FORM NO 00 215A

FD-302 (Rev. 11-27-60)

SEP P206-05204 ON, SER U206-12354 ON

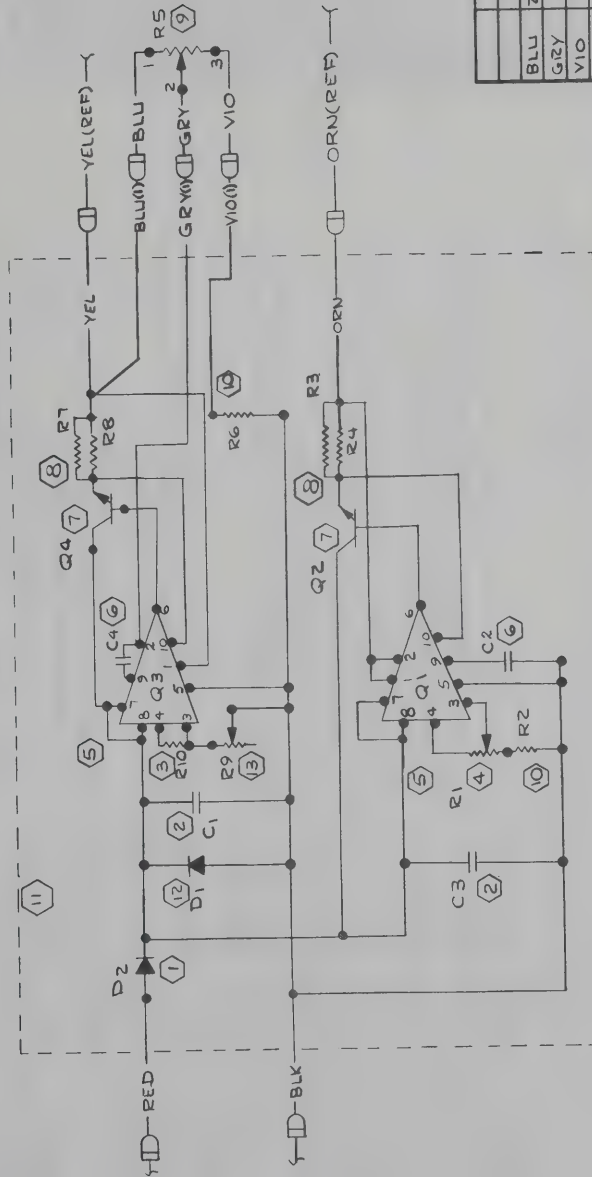
REVISION

DATE

DESCRIPTION

LET

APPD



13	EOB6BD/100E	POT	73445
12	1N462A	DIODE	01688
11	1270113-1	REGULATOR ASSY	
10	1-4-5P470EB	RESISTOR	73445
9	3859A-281-103A	POT	73445
8	1-4-5P1EB	RESISTOR	73445
7	MJE3055	TRANSISTOR	04713
6	C280AE/1K	CAPACITOR	73445
5	MC1723CG	INTEGRATED CKT	04713
4	EOB6BD/4K7	POT	73445
3	1-4-5P500EB	RESISTOR	73445
2	C280AE/100K	CAPACITOR	01688
1	1N2070	DIODE	
PART NO.		DESCRIPTION	VENDOR

EQUIPMENT TABLE

CES-1000 IS APPLICABLE
VENDOR CODES PER SIA00
CES-XXXX-CESNA SPEC. NO.
S-XXXX OR C-XXXX-CESNA
STD. NO.

SUPERSEDED BY:

BLU	ZZ	BELDEN 8568	S-1635-1	SOLDER
GRY			S-1635-1	SOLDER
VIO			S-1635-1	SOLDER
VEL			S-1635-1	SOLDER
BLU(1)				
GRY(1)				
VIO(1)				
ORN				
BLK				
RED	ZZ	BELDEN 8568	S-1635-1	SOLDER
WIRE	CODE NO.	MATERIAL	LG	TERMINALS
GA				
SERIALS				

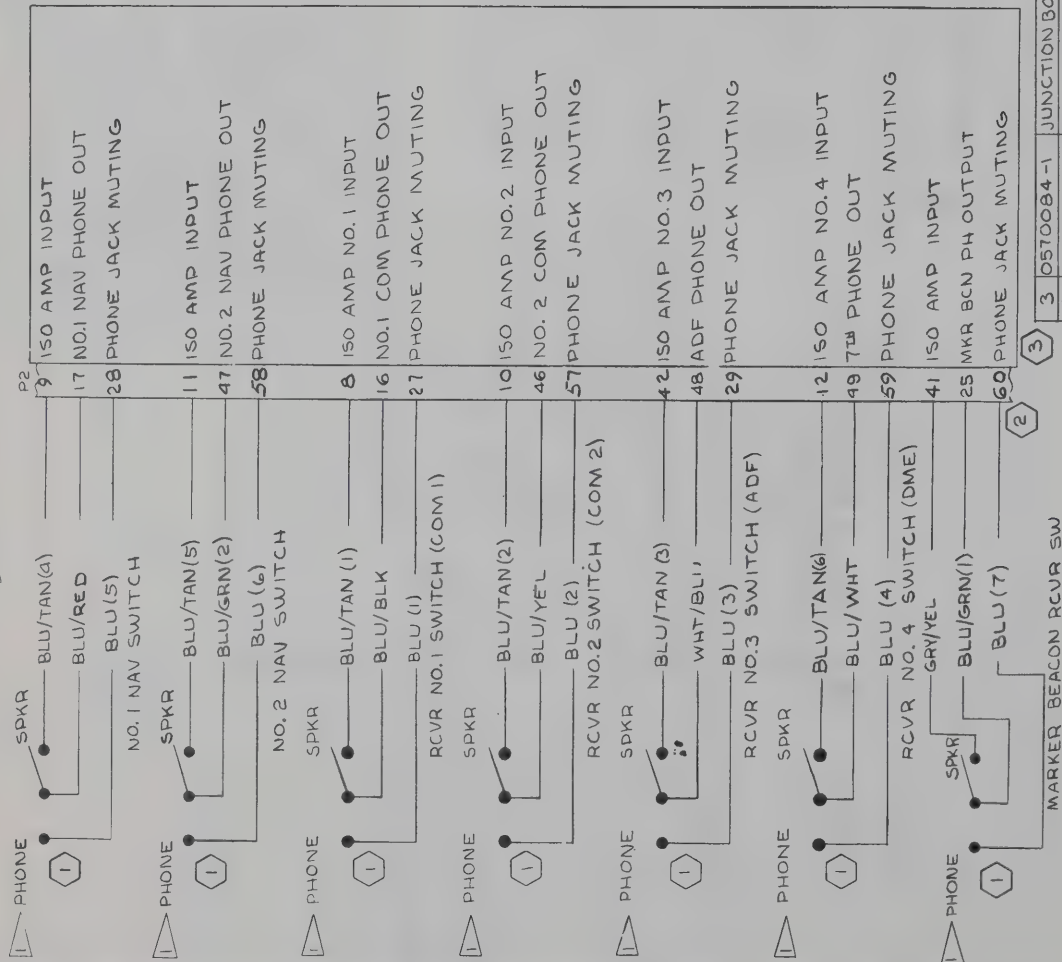
WIRE TABLE

CONTRACT NO. COMMERCIAL AIRCRAFT CO.
5800 E. PAVINEE
WICHITA, KANSAS

DESIGN VRSIPES 8/21/71
GROUP H. WISE 9/22/71
DRAWN VRSIPES 9/22/71
CHECK L.K. WHITE 9/22/71
STRESS
PROJ R. B. B. 9-23-71
APPD MHA
OTHER

CODE IDENT. NO. 71379
SIZE C
SCALE: NONE
DWG NO. 1270675
PAGE: 2 OF 3

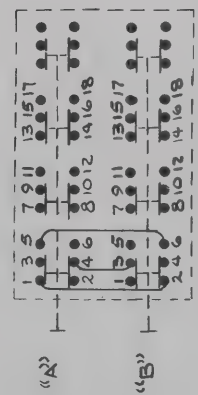
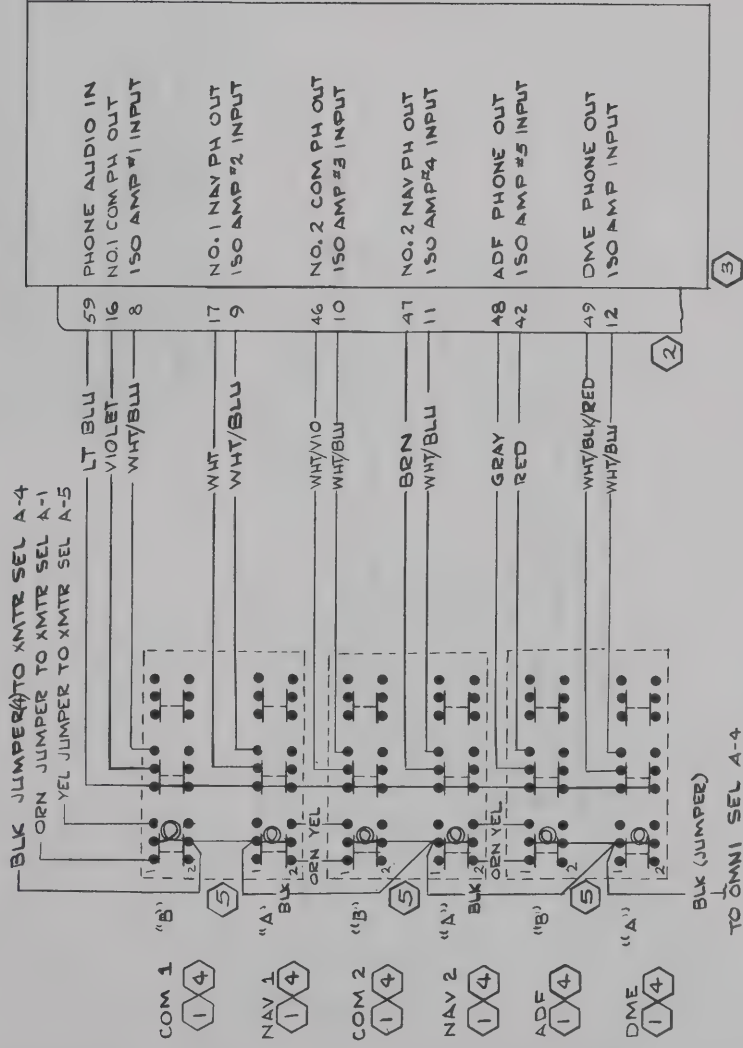
△ SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH



WIRE NO	GA	MATERIAL	LG	SOLDER	SERIALS
BLU(7)	22	-22-G			
BLU(6)	▲	-22-G		▲	
BLU(5)		-22-G			
BLU/WH		-22-G-9			
BLU/TAN(5)		-22-G-10			
BLU/TAN(4)		-22-G-10			
BLU/TAN(6)		-22-G-10			
BLU/GRN(2)		-22-G-5			
WHT/BLU	▼	-22-9-G		▼	
GRY/YEL(1)	22	-22-B-4			
BLU/YEL	▲	-22-G-4		▲	
BLU/GRN(1)		-22-G-5			
BLU/TAN(3)		-22-G-10			
BLU/TAN(2)		-22-G-10			
BLU/TAN(1)		-22-G-10			
BLU/RED		-22-G-2			
BLU/BLK		-22-G-O			
BLU(4)		-22-G			
BLU(3)		-22-G			
BLU(2)	▼	-22-G		▼	
BLU(1)	22	-22-G		SOLDER S-1B37-1	

WIRE TABLE			CONTRACT NO.:	
 Cessna AIRCRAFT CO.			COMMERCIAL AIRCRAFT DIV. CESSNA PINKNEY WICHITA, KANSAS	
TITLE			PAGE: 2 of 11	
WIRING DIAGRAM — AUDIO SELECTOR SWITCH				
DESIGN	NAME	DATE	SIZE	CODE IDENT. NO.
GROUP	S.P.E.S. YR	4/11/68	C	71379
DRAWN	H. WARD	9-4-68		
DRAWN	SCRAPER	8-21-68		
CHECK	G. IRVIN	8-30-68		
STRESS	R.F. EIDGE	9-3-68		
PROJECT		9-11-68		
APPRO	SWANEY	8-30-68		
SCALE: NONE			U206 P206	

REVISION		
LET	DESCRIPTION	DATE
A	BY REV: REVISED & REDRAWN (586766) (REF)	2/17/72
		APPD VRS WJS



TYPICAL VIEW OF SWITCH CONNECTION OF SWITCHES

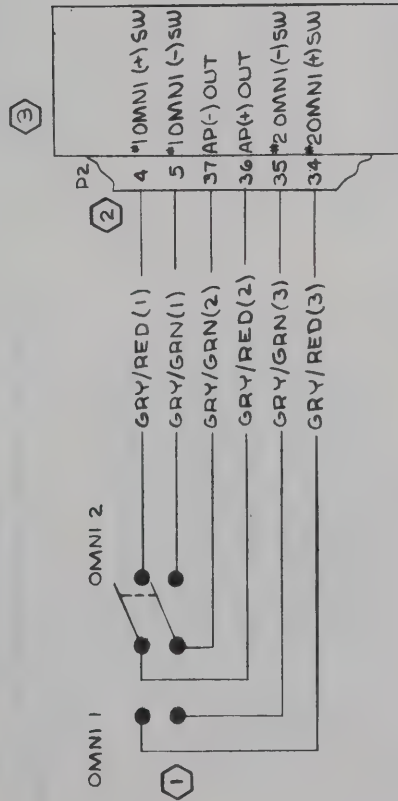
NOTES:
 1. ALL SWITCHES SHOWN IN 'PHONE' POSITION.
 2. ALL JUMPERS BETWEEN BOARDS ARE TO BE COLOR OF INCOMING WIRE.

BLK	22	BELDEN 8568	SOLDER	SOLDER
YEL	22	BELDEN 8568	SOLDER	SOLDER
ORN	22			
WHY/BLU	22			
RED	22			
GRAY	22			
BEN	22			
WHYVIO	22			
WHT	22			
WHY/BLU	22			
VIOLET	22			
LT BLU	22	BELDEN 8568	SOLDER	SOLDER
WIRE	CODE NO.	MATERIAL	LG	TERMINALS
				SERIALS

CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
NAME	DATE	TITLE			
YR SIPS	4/14/71	WIRING DIAGRAM -			
GROUP	H. WISE	AUDIO SELECTOR SWITCH -			
DRAWN	YR SIPS	PUSH BUTTON			
CHECK	L.K. WHITE				
STRESS					
PROJ	P.E. PACKER				
APPD					
OTHER					
CODE IDENT.		DWG NO		SCALE	
C 71379		1270675		206	
SIZE		PAGE		206	
C 71379		1270675		206	

NOTES:

1. OMNI 2 FUNCTION TO BE ON KEYWAY SIDE OF SWITCH

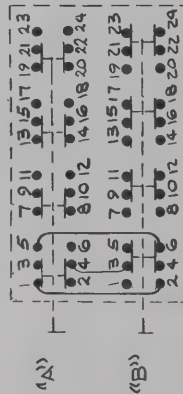
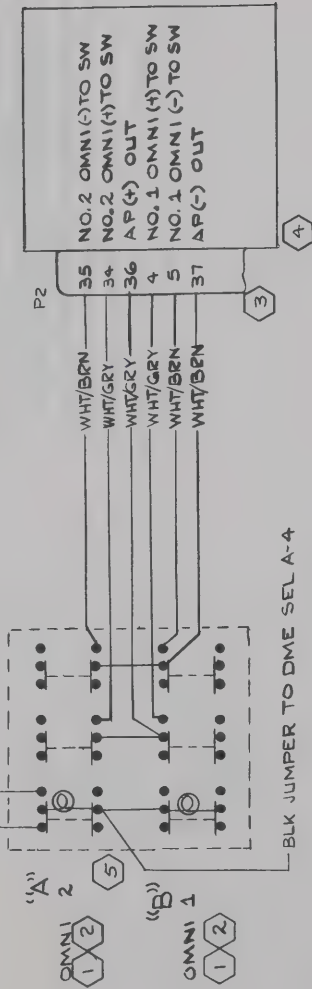


OMNI SELECTOR SWITCH

INACTIVE U20601587
EFF THRU 5-11-71 VRS
LWS MRS

CONTRACT NO.		NAME		DATE	
		SIPES VR		6/16/68	
DESIGN		GROUP		DRAWN	
S-1838-1		H. W. W.		8-21-68	
PART NO.		DESCRIPTION		CHECK	
S-1696-1		SWITCH		G. IRVIN	
ITEM NO.		EQUIPMENT TABLE		STRESS	
1		3		R.F. GEDDE	
2		4		5-3-68	
3		5		6-11-67	
4		6		7-11-67	
5		7		8-11-67	
6		8		9-11-67	
7		9		10-11-67	
8		10		11-11-67	
9		11		12-11-67	
10		12		1-11-68	
11		13		2-11-68	
12		14		3-11-68	
13		15		4-11-68	
14		16		5-11-68	
15		17		6-11-68	
16		18		7-11-68	
17		19		8-11-68	
18		20		9-11-68	
19		21		10-11-68	
20		22		11-11-68	
21		23		12-11-68	
22		24		1-11-69	
23		25		2-11-69	
24		26		3-11-69	
25		27		4-11-69	
26		28		5-11-69	
27		29		6-11-69	
28		30		7-11-69	
29		31		8-11-69	
30		32		9-11-69	
31		33		10-11-69	
32		34		11-11-69	
33		35		12-11-69	
34		36		1-11-70	
35		37		2-11-70	
36		38		3-11-70	
37		39		4-11-70	
38		40		5-11-70	
39		41		6-11-70	
40		42		7-11-70	
41		43		8-11-70	
42		44		9-11-70	
43		45		10-11-70	
44		46		11-11-70	
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212		214		11-11-84	
213		215		12-11-84	
214		216		1-11-85	
215		217		2-11-85	
216		218		3-11-85	
217		219		4-11-85	
218		220		5-11-85	
219		221		6-11-85	
220		222		7-11-85	
221		223		8-11-85	
222		224		9-11-85	
223		225		10-11-85	
224		226		11-11-85	
225		227		12-11-85	
226		228		1-11-86	
227		229		2-11-86	
228		230		3-11-86	
229		231		4-11-86	
230		232		5-11-86	
231		233		6-11-86	
232		234		7-11-86	
233		235		8-11-86	
234		236		9-11-86	
235		237		10-11-86	
236		238		11-11-86	
237		239		12-11-86	
238		240		1-11-87	
239		241		2-11-87	
240		242		3-11-87	
241		243		4-11-87	
242		244		5-11-87	
243		245		6-11-87	
244		246		7-11-87	
245		247		8-11-87	
246		248		9-11-87	
247		249		10-11-87	
248		250		11-11-87	
249		251		12-11-87	
250		252		1-11-88	
251		253		2-11-88	
252		254		3-11-88	
253		255		4-11-88	
254		256		5-11-88	
255		257		6-11-88	
256		258		7-11-88	
257		259		8-11-88	
258		260		9-11-88	
259		261		10-11-88	
260		262		11-11-88	
261		263		12-11-88	
262		264		1-11-89	
263		265		2-11-89	
264		266		3-11-89	
265		267		4-11-89	
266		268		5-11-89	
267		269		6-11-89	
268		270		7-11-89	
269		271		8-11-89	
270		272		9-11-89	
271		273		10-11-89	
272		274		11-11-89	
273		275		12-11-89	
274		276		1-11-90	
275		277		2-11-90	
276		278		3-11-90	
277		279		4-11-90	
278		280		5-11-90	
279		281		6-11-90	
280		282		7-11-90	
281		283		8-11-90	
282		284		9-11-90	
283		285		10-11-90	
284		286		11-11-90	
285		287		12-11-90	
286		288		1-11-91	
287		289		2-11-91	
288		290		3-11-91	

ORN JUMPER TO DME SEL B-2
YEL JUMPER TO DME SEL B-6



TYPICAL VIEW & ELECT
CONNECTION OF SWITCHES

NOTES:
1. ALL JUMPERS TO BE SAME COLOR
AS INCOMING WIRE.

5	1270716-1	BOARD ASSY
4	0570084-1	JUNCTION BOX
3	S-1838-1	HOUSING
2	S-2134-1	LIGHT
1	S-2131-2	SWITCH
EQUIPMENT TABLE		
SUPERSEDES: CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.		
SUPERSEDED BY:		

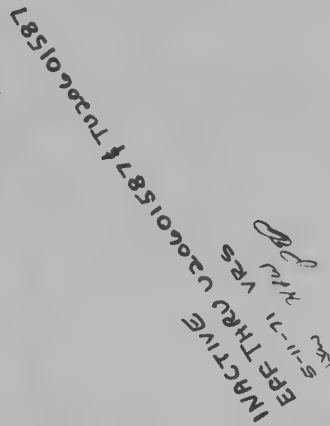
CONTRACT NO.	NAME	DATE	DESIGN	VR SIPS	4/16/71
GROUP	VR SIPS	5-12-71	DRAWN	VR SIPS	2/17/71
CHECK	L.K. WHITE	5-12-71	STRESS		
PROJ	P.E. PACKER	5-14-71	APPD		
OTHER					

WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	BELDEN 8568		SOLDER	
WHT/GRY	22	BELDEN 8568		SOLDER	
WHT/BRN	22				
WHT/GRY	22				
WHT/BRN	22				
WHT/GRY	22				
WHT/BRN	22				
YEL	22				
ORN	22	BELDEN 8568		SOLDER	

CODE IDENT.	DWG NO	SCALE	PAGE
C 71379	1270675	NONE	206

TITLE	WIRING DIAGRAM - OMNI SELECTOR SWITCH - PUSH BUTTON
-------	---

COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS



CONTRACT NO.:		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN		NAME		Cessna AIRCRAFT CO.	
GROUP		DATE		TITLE	
DRAWN		SIZES		WIRING DIAGRAM —	
CHECK		N. W. 100		TRANSMITTER SELECTOR	
PROJECT		R. F. GEORGE		SWITCH	
APPRO		PROJECT		CODE IDENT.	
		2-11-66		DWG NO.	
		SWANNEY		71379	
				1270675	
				SCALE: NONE	
				U2064P206	
				PAGE: 2 of 3.1	

NOTES:

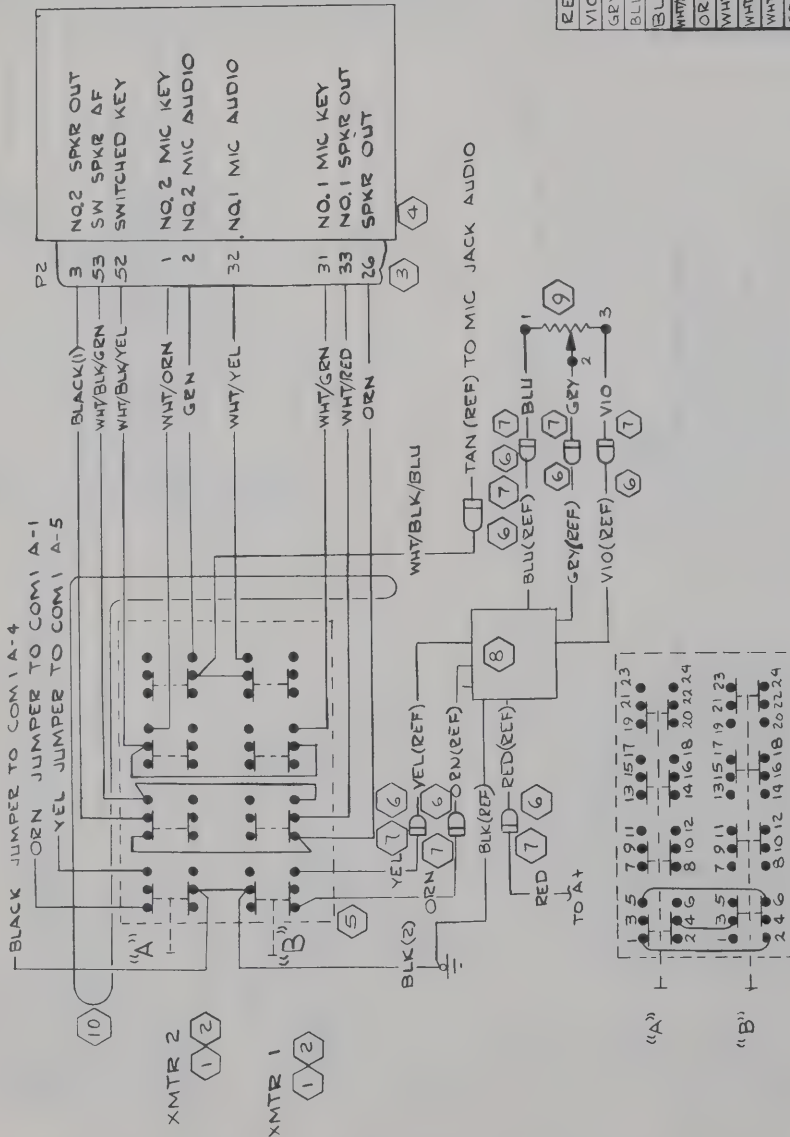
1. TRANSMITTER NO.1 IS ON KEYWAY SIDE OF SWITCH.

2. NO. 2₆ CONNECTS TO 10 Ω RESISTOR ON P.C. BOARD.

3. NO.53 CONNECTS TO RELAY WIPER CONTACT THEN TO SHIP SPKR THRU NORMAL CLOSED CONTACT TO 51. WHEN RELAY IS ACTUATED BY MICKEY CIRCUIT 53 IS CONNECTED TO 10 Ω RESISTOR THRU NORMAL OPEN CONTACT.

ED+RR 02394 (SR5401)(SR5402)IX

REVISION			
LET	DESCRIPTION	DATE	APPD
A	3 rd REV: REVISED & RE-DRAWN (586766) (REF)	2/17/72	WJS 4/10/72
B	ITEM B WAS 1270712-1, ADDED ITEM 10 TO FIELD F. B/M	3-8-72	RGB



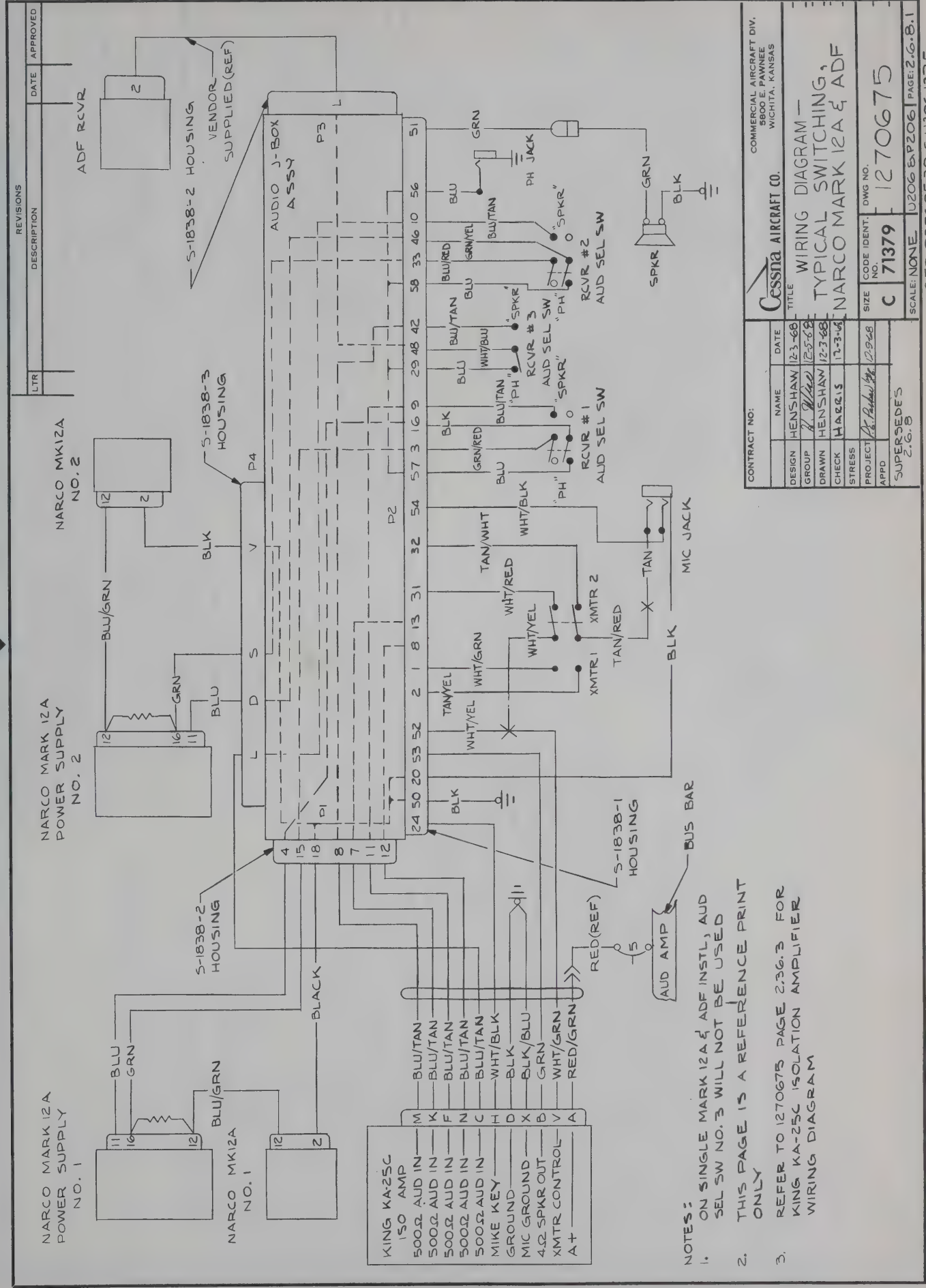
TYPICAL VIEW OF SWITCH
CONNECTION OF SWITCHES

NOTES:
1. ALL JUMPERS BETWEEN BOARDS ARE TO
BE SAME COLOR OF INCOMING WIRE.

RED	22	BELDEN 8568	5-1636-1	
VIO	22	BELDEN 8568	SOLDER 5-1636-1	
GRY	22		5-1636-1	
BLU	22		5-1636-1	
BLK (2)	22		5-1636-1	
WHY/BLU	22		5-1636-1	
WHY/RED			5-1636-1	
WHY/GEN			5-1636-1	
WHY/YEL			5-1636-1	
GRN				
WHY/GRN				
WHY/YEL				
WHY/BLU				
BLK (1)				
YEL				
ORN	22	BELDEN 8568	SOLDER 5-1831-1	
WIRE	GA	MATERIAL	LG	TERMINALS
CODE NO.				SERIALS

WIRE TABLE

CONTRACT NO:		NAME		DATE
		VR SIPS		4-19-71
DESIGN		GROUP		
H.WISE		5-12-71		
DRAWN		VR SIPS		
5-11-71		5-12-71		
CHECK		W.K. WHITE		
STRESS				
PROJ		PL. PALKER		
APPD		5-14-71		
OTHER				
SUPERSEDES:		NO CHANGE		
SUPERSEDED BY:				
CES-1000 IS APPLICABLE				
VENDOR CODES PER S-1400				
CES-XXXX-CESNA SPEC. NO.				
S-XXX OR CMXXXX-CESNA				
STD. NO.				
EQUIPMENT TABLE				
PART NO.		DESCRIPTION		
10		-2018 CABLE ASSY		
9		1270708-260 CABLE ASSY		
8		1270713-1 VOLTAGE REGULATOR		
7		S-1637-2 HOUSING-SOCKET		
6		S-1637-1 HOUSING-CAP		
5		1270714-1 BOARD ASSY		
4		0570084-1 JUNCTION BOX ASSY		
3		S-1838-1 HOUSING		
2		S-2134-1 LIGHT		
1		S-2131-2 SWITCH		
1270712-1		SWITCH-PUSH BUTTON		
1270712-1		TRANSMITTER SELECTOR		
1270712-1		WIRING DIAGRAM		
1270712-1		Cessna AIRCRAFT CO.		
1270712-1		COMMERCIAL AIRCRAFT DIV.		
1270712-1		5800 E. PAWNEE		
1270712-1		WICHITA, KANSAS		
1270712-1		SCALE NONE		
1270712-1		206		
1270712-1		PAGE: 2-6-3-2		



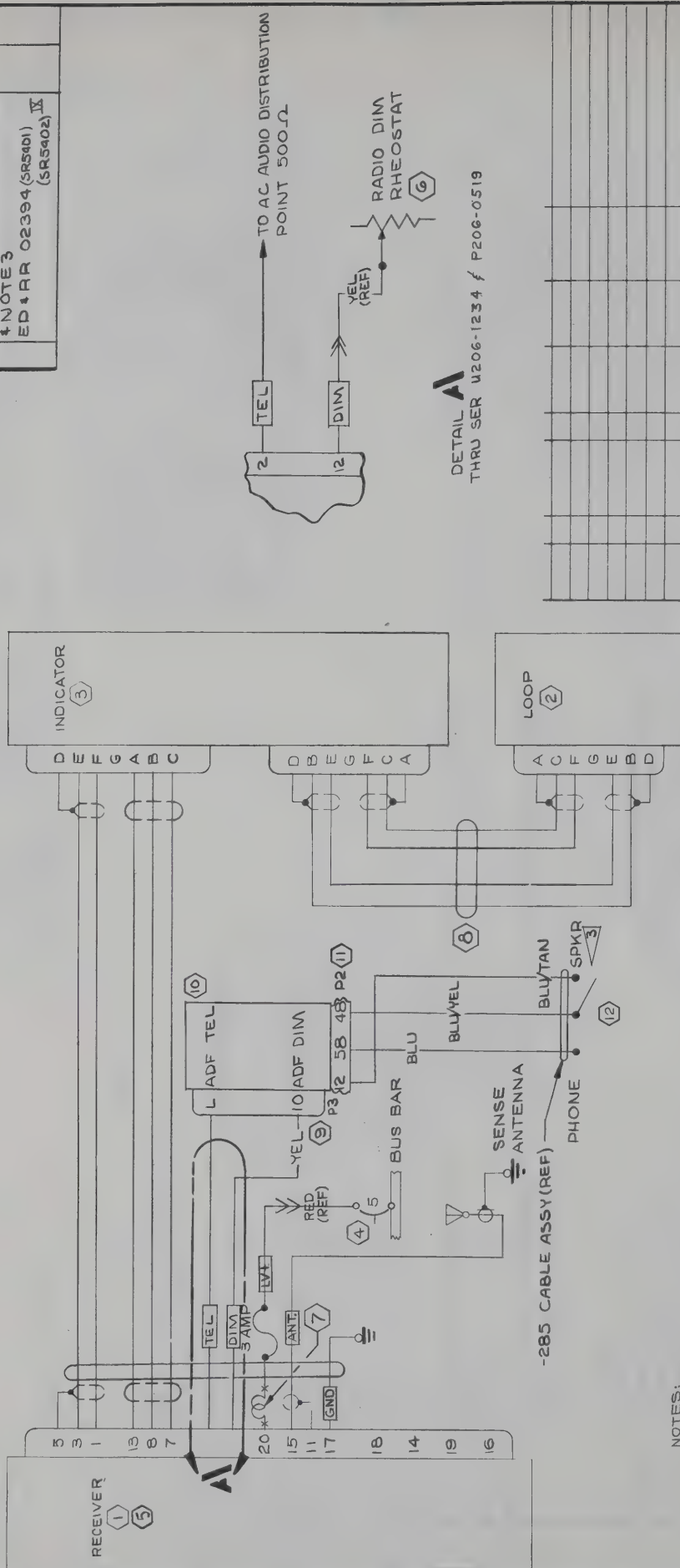
NOTES:

- ON SINGLE MARK 12A & ADF INSTL, AUD SEL SW NO. 3 WILL NOT BE USED
- THIS PAGE IS A REFERENCE PRINT ONLY
- REFER TO 1270675 PAGE 236.3 FOR KING KA-25C ISOLATION AMPLIFIER WIRING DIAGRAM

CONTRACT NO:		NAME		DATE	
DESIGN		HENS HAW		12-3-68	
GROUP		HENS HAW		12-3-68	
DRAWN		HENS HAW		12-3-68	
CHECK		HARRIS		12-3-68	
STRESS					
PROJECT		P. P. P. P.		12-3-68	
APPRO					
SUPERSEDES		2.6.5			
Cessna AIRCRAFT CO.		TITLE		WIRING DIAGRAM -	
COMMERCIAL AIRCRAFT DIV.		8800 E. PAWNEE		WICHITA, KANSAS	
SER P2060520		PAGE 26.8.1		1270675	
SCALE: NONE		C 71379		1270675	
SIZE		CODE IDENT		DWG NO.	
C		71379		1270675	

(SR4456)(SR4457)

CHG -LET	REVISION	BY DATE	CHK APPRO
A	ADDED A-263 CHOKE IN A+ LINE ADDED TO NOTE 2. ADDED 33827	SKM 9-10-55	RES ALA
B	BY REV: ADD S-1838-3 & OSTOOR84-1 & DETAIL A, S-1838-1, S-1695-2, BLU, BLU/YEL, BLU/TAN WIRES, 4 NOTE 3 ED & RR 02394 (SR5401) (SR5402) IX	LES 8-18-55	RES ALA



DETAIL A
THRU SER U206-1234 f P206-0519

NOTES:

1. CONNECTIONS SHOWN ARE FOR TOP MOUNTED SENSE & BOTTOM MOUNTED LOOP ANTENNA.
- 2 ALL WIRES VENDOR FURNISHED WITH RCVR EXCEPT CHOKE IN CIRCUIT BETWEEN PIN 20 & FUSEHOLDER WHICH MUST BE ADDED ON INSTL IN ACFT.

3 > SPKR FUNCTION TO BE ON KEYWAY SIDE OF SWITCH

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
12	S-1695-2	SWITCH	
11	S-1838-1	HOUSING	
10	OSTOOR84-1	JUNCTION BOX ASSY	
9	S-1838-3	CONNECTOR	
8	33827	LOOP CABLE (ARC)	
7	A-263	CHOKE (CTAT)	
6	R-124-75-RS34	RHEOSTAT (TRM)	
5	2B340-1400	RCVR (WITH BFO)	(ARC R-521A-14)
4	S-1360-5	CIRCUIT BREAKER	
3	32680-00000	INDICATOR (ARC)	(ARC IN-521B)
2	32880-1000	LOOP (ARC)	(ARC L-321B-10)
1	2B340-1500	RCVR (WITHOUT BFO)	(ARC R-521A-15)

EQUIPMENT TABLE

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/TAN 22	-22-6-10	SOLDER S-1837-1			
BLU/YEL 22	-22-6-4	SOLDER S-1837-1			
BLU	22	-22-6			
SOLDER S-1837-1					

WIRE TABLE

NAME	DATE	TITLE
BREEN B-5-64		WIRING DIAGRAM
CHUCK B-4-64		CESSNA ADF 300
PROJ H. W. W. B-24-64		(ARC TYPE 521B)

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

WIRING DIAGRAM
CESSNA ADF 300
(ARC TYPE 521B)

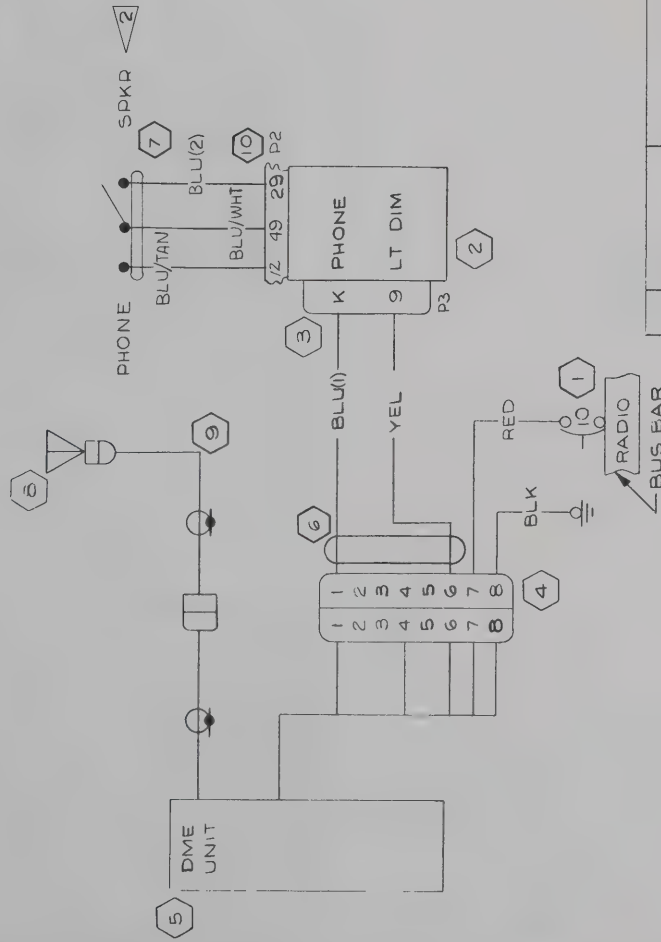
WIRE NO. 1270675

REV B

PAGE 2.12

1. ITEMS 6, 7 & 9 ARE SUPPLIED AS PART OF KING INST KIT NO. 050-1052-F-00

2 SPKR FUNCTION ON KEWAY SIDE OF SWITCH



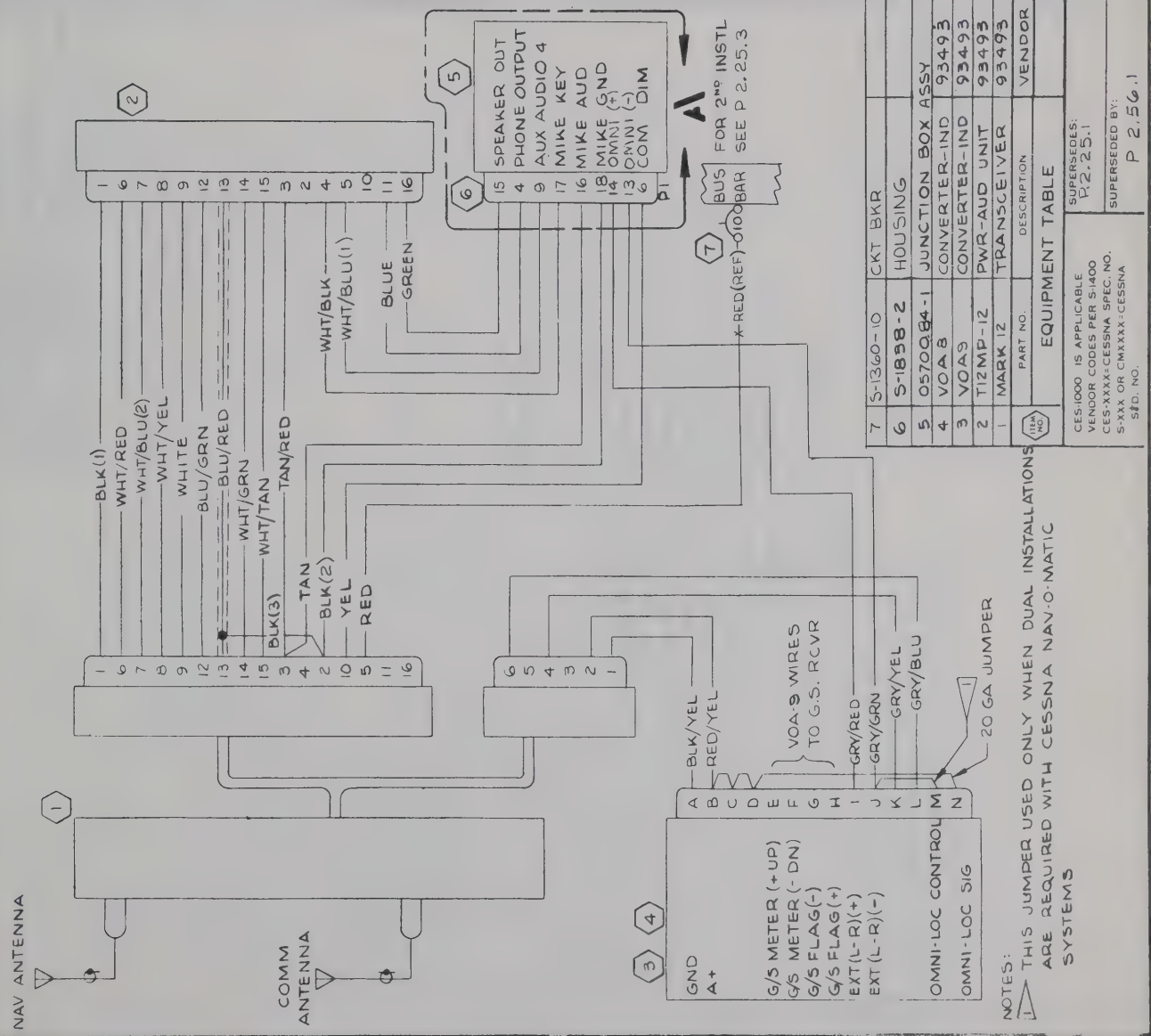
WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/TAN	22	-22-6-10		SOLDER S-1837-1	
BLU/WHI	22	-22-6-9		SOLDER S-1837-1	
BLU(2)	22	-22-6		SOLDERS-1837-1	
YEL	18	-18-4		SOLDER S-1837-1	
RED	16	-16-2		SOLDERS 1837-2	
BLU(1)	22	-22-6		SOLDER S-1837-1	
BLK	16	-16-0		SOLDER S-1837-2	

CONTRACT NO.		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	5117.5 VR	6-10-68	WIRING DIAGRAM -		
DRAWN	R. W. W.	9-4-68	CESSNA 300 DME		
CHECK	SCRAPER	8-27-68	CESSNA 300 DME		
STRESS	G. IRVIN	8-30-68	CESSNA 300 DME		
PROJECT	R. F. G. W. D. E.	9-7-68	CESSNA 300 DME		
APPD	SWANEY	8-30-68	CESSNA 300 DME		
SIZE		CODE IDENT. NO.	DWG NO.		SCALE: NONE
C		71379	1270675		U206 & P206
					PAGE: 2.0.2



REV	DESCRIPTION	DATE	APPD
1	INACTIVE: EFF SER P206-1235 U2060144		
2	INACTIVE: EFF SER P206-0520 U2060144		
3	INACTIVE: EFF SER P206-1235 U2060144		
4	INACTIVE: EFF SER P206-0520 U2060144		

INACTIVE: EFF SER P206-1235 U2060144
 INACTIVE: EFF SER P206-0520 U2060144
 INACTIVE: EFF SER P206-1235 U2060144
 INACTIVE: EFF SER P206-0520 U2060144



WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK(3)	22	-22-0		SOLDER	
WHT/BLU(2)	22	-22-9-6		SOLDER	
GREEN	20	-20-5		S-1837-1	SOLDER
GRY/BLU	22	-22-8-6		SOLDER	
GRY/YEL	22	-22-8-4		SOLDER	
GRY/GRN	22	-22-8-5		S-1837-1	
GRY/RED	22	-22-8-2		S-1837-1	
RED/YEL	22	-22-2-4		SOLDER	
BLK/YEL	22	-22-0-4		SOLDER	
BLK(2)	22	-22-0		S-1837-1	
TAN	22	-22-10		S-1837-1	
WHT/TAN	22	-22-9-10		SOLDER	
WHT/GRN	22	-22-9-5		SOLDER	
BLU/RED	22	-22-6-2		SOLDER	
BLU/GRN	22	-22-6-5		SOLDER	
BLUE	22	-22-6		S-1837-1	
WHT/YEL	22	-22-9-4		SOLDER	
WHT/BLU	22	-22-9-6		S-1837-1	
WHT/RED	22	-22-9-2		SOLDER	
BLU/WHI	22	-22-6-9		S-1557-1	
WHT/BLK	22	-22-9-0		S-1837-1	
TAN/RED	22	-22-10-2		SOLDER	
YELLOW	18	-18-4		S-1837-1	
RED	16	-16-2		S-1370-2	
BLK(1)	16	-16-0		SOLDER	
WHITE	14	-14-9		SOLDER	

CONTRACT NO: _____

Cessna AIRCRAFT CO. TITLE: WIRING DIAGRAM - NARCO MARK 12A WITH VOA-8 & VOA-9

DESIGN: 9468 DATE: 6/7/68

GROUP: 9468

DRAWN: S. IRVIN

CHECK: S. IRVIN

STRESS: 11/6/10

PROJECT: 93493

APPRO: 93493

SIZE: C

CODE IDENT: 71379

DWG NO: 1270675

SCALE: NONE

PAGE 2.25.2

PART NO.	DESCRIPTION	VENDOR
7	S-1360-10	CKT BKR
6	S-1838-2	HOUSING
5	0570084-1	JUNCTION BOX ASSY
4	VOA-8	CONVERTER-IND 93493
3	VOA-9	CONVERTER-IND 93493
2	T12MP-12	PWR-AUD UNIT 93493
1	MARK 12	TRANSCEIVER 93493

EQUIPMENT TABLE

CES-1000 IS APPLICABLE

VENDOR CODES PER S-1400

CES-XXXX-CESNA SPEC. NO.

S-XXX OR CMXXXX-CESNA

S.D. NO.

NOTES: THIS JUMPER USED ONLY WHEN DUAL INSTALLATIONS ARE REQUIRED WITH CESSNA NAV-O-MATIC SYSTEMS

J. FOR FIRST INSTL SEE PAGE 2.25.2

REVISION		DATE	APPD
LET	DESCRIPTION		

[illegible]

5	GRN	S	SPKR OUT
	BLU	D	COM PHONE
	WHT/BLU	K	AUX AUD 4
	WHT/BLK	U	MIKE KEY
	TAN	T	MIKE AUD
	BLACK	V	MIKE GND
	GRY/RED	R	OMNI (+)
	GRY/GRN	P	OMNI (-)
	YEL	F	COM DIM
6			

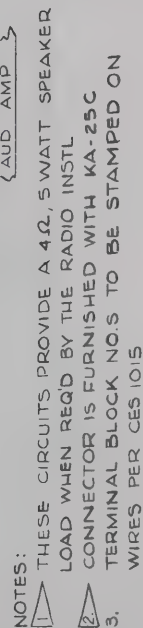
DETAIL A
SECOND INSTL

[illegible]

CONTRACT NO.		WIRE TABLE		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	WIRING DIAGRAM - NARCO MARK 12A WITH VOA-8 & VOA-9			
GROUP	SIPES, V.R.	6-7-68					
DRAWN	L. WILCO	9-4-68					
CHECK	L. SCRAPER	8-27-68					
STRESS	C. J. VIN	8-30-68					
PROJECT	R. F. G. 106	9-3-68					
APPD	SWANLEY	9-4-68					
SCALE: NONE		SIZE C		CODE IDENT. NO. 71379		DWG NO. 1270675	
U206 & P206						PAGE: 2, 25, 3	

FORM NO. 60-215A

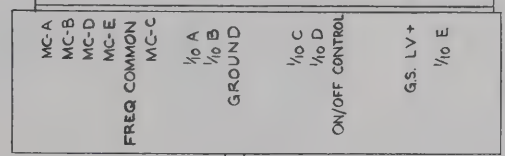
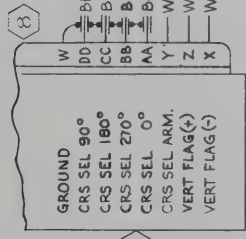
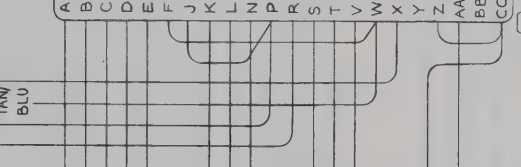
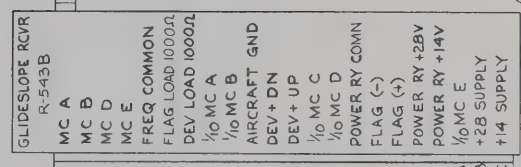
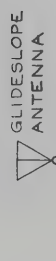
ED*RR 02394 (SR 5401)(SR 5402) IX



WIRE TABLE			
CONTRACT NO:		 COMMERCIAL AIRCRAFT DIV. 5800 E PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE
GROUP	SIZES VR	6-7-68	WIRING DIAGRAM -
DRAWN	SCRAPER	8-26-68	KING KA-25C AUDIO AMPLIFIER
CHECK	G. IRVIN	8-30-68	
STRESS	R.F. GEIDE	9-3-68	
PROJECT	<i>Swaney</i>	9-26-68	
APPRO	SWANEY	8-30-68	
SIZE		CODE IDENT.	DWG NO.
C		NO. 71379	1270675
SCALE: NONE		U2064P206	
		PAGE 2.36.3	

6	S-1838-2	HOUSING		
5	S-1360-5	CIRCUIT BREAKER		
4	KA-25C	AUDIO AMPLIFIER	(22373)	
3	O30-2002-00	PLUG	(22373)	
2	-28B	CABLE ASSY		
1	O5700B4-1	JUNCTION BOX ASSY		
ITEM NO.		DESCRIPTION	VENDOR	
EQUIPMENT TABLE				
CES-1000 IS APPLICABLE VENDOR CODES PER S1400 CES-XXXXX-CESMA SPEC. NO. S-XXX OR CXXXXX-CESMA STD. NO.				
			SUPERSEDES: P.2 36.1	
			SUPERSEDED BY:	

CHG LET	REVISION	BY DATE	CHK APPD
A	BY REV: R-543B WAS R-543A RLY MDS TITLE WAS CESSNA GLIDESLOPE (ARC TYPE R-543A) 36440-0000 WAS 34340 (EDARR 00952) (SR5632)		



9	27826	CONNECTOR
8	29747-0026	CONNECTOR
7	11337	CONNECTOR
6	36440-0000	GLIDESLOPE RCVR (ARC TYPE R-543B)
5	36194	CONNECTOR KIT
4	36195	CONNECTOR KIT
3	36300	CABLE HARNESS KIT
2	32350	INDICATOR (ARC TYPE IN-525A)
1	36150-1114	RCVR/XMTR (ARC TYPE R-543B)

PART NO.	DESCRIPTION	INSTALLED ON
----------	-------------	--------------

WIRE TABLE

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK/YEL 22	-22-0-4	SOLDER SOLDER			
BLACK 18	-18-0				
RED/YEL 22	-22-2-4				
RED 18	-18-2				
TAN/BLU 22	-22-10-6				
TAN/YEL 22	-22-10-4				
TAN/RED 22	-22-10-2				
GRY/TAN 22	-22-8-10				
GRY/BLU 22	-22-8-6				
GRY/YEL 22	-22-8-4				
GRY/RED 22	-22-8-2				
GRY/BLK 22	-22-8-0				
BLU/WHI 22	-22-6-9				
BLU/GRN 22	-22-6-5				
BLU/YEL 22	-22-6-4				
BLU/RED 22	-22-6-2				
BLU/BLK 22	-22-6-0	SOLDER SOLDER			

NAME	DATE	TITLE
G. WOOD	1-21-61	WIRING DIAGRAM
H. WOOD	3-1-67	CESSNA 400
Y. WOOD	2-1-67	GLIDESLOPE
Y. WOOD	2-1-67	(ARC TYPE R-543B)

APPROVED BY:	SUPERSEDED BY:
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APPROVED BY:	SUPERSEDED BY:
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APPROVED BY:	SUPERSEDED BY:
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APPROVED BY:	SUPERSEDED BY:
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APPROVED BY:	SUPERSEDED BY:
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APPROVED BY:	SUPERSEDED BY:
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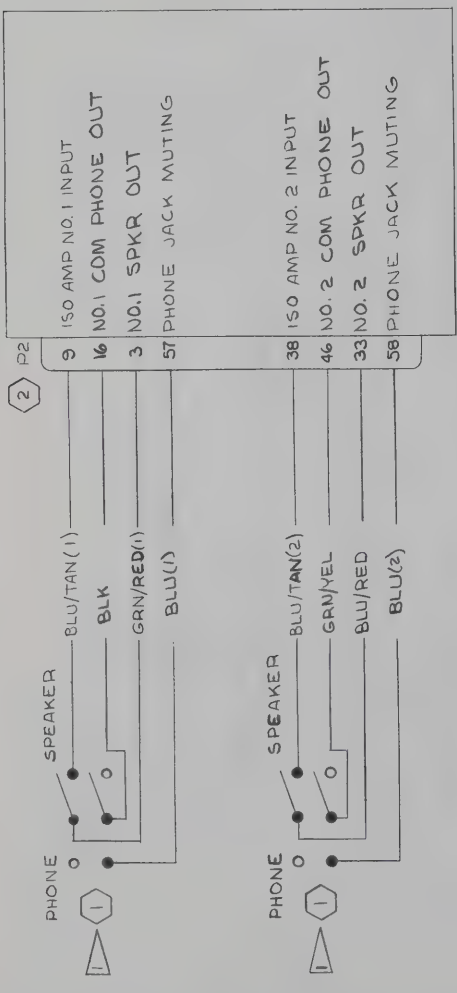
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APPROVED BY:	SUPERSEDED BY:
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REVISION		
LET	DESCRIPTION	DATE

REVISION		
LET	DESCRIPTION	DATE

REVISION		
LET	DESCRIPTION	DATE



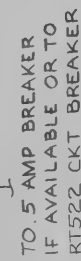
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NOTES:
1. SPKR FUNCTION ON KEYWAY SIDE OF SWITCH

WIRE TABLE									
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS				
BLU(2)	22	-22-6		SOLDER S-1B37-1					
BLU(1)	22	-22-6							
GRN/YEL	22	-22-5-4							
GRN/RED(1)	20	-20-5-2							
BLU/RED	20	-20-6-2							
BLK	22	-22-0							
BLU/TAN(2)	22	-22-6-10							
BLU/TAN(1)	22	-22-6-10		SOLDER S-1B37-1					

CONTRACT NO.		NAME		DATE	TITLE	
		SIPAS V.R.		6-7-68	WIRING DIAGRAM -	
		H. W. WILSON		9-4-68	AUDIO SWITCHING	
		DRAWN SCRAPPER		8-24-68	NARCO MARK 12A	
		CHECK G. IRVIN		8-30-68		
		STRESS R.F. GEYDE		9-3-68		
		PROJECT W. R. K.		9-10-68		
		APPD SWANNEY		8-30-68		
		SIZE		DWG NO.		
		C		71379	1270675	
		SCALE: NONE		U206 4 P206	PAGE: 2.44-3	

3	0570084-1	JUNCTION BOX ASSY
2	5-1B38-1	HOUSING
1	5-1696-1	SWITCH
EQUIPMENT TABLE		
SUPERSEDED BY: P 2.44.1		
SUPERSEDED BY:		



CONTRACT NO.		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. FAWNEE WICHITA, KANSAS	
NAME		DATE		TITLE	
DESIGN	G WOOD	1-9-67		WIRING DIAGRAM -	
GROUP	H. Wise	1-31-67		CESSNA 400	
DRAWN	G WOOD	1-9-67		GLIDESLOPE	
CHECK	VAK'S MAW	2-1-67		(ARC TYPE R-543B)	
STRESS	ASHER	2-1-67		SIZE	
PROJECT	McLath	2-6-67		CODE IDENT.	
APPRO				NO.	
SUPERSEDED BY		C 71379		DWG NO.	
P 2164.3		1270675			
P 2162.1					
SCALE: NONE				PAGE: 245.1	

FORM NO. 80-215

REVISIONS		REVISION	
LET	DESCRIPTION	LET	DESCRIPTION
C	BY REV: SER OUT 33970-00004 34290-0000; SER IN 35480-0000 ED & RR 10758 (SR4397)	A	BY REV: NV-547 WNS ASP-547 ED & RR 10261
D	BY REV: TAN/WHT WIRE, ITEM 13 PIN 4 WAS BLUE; ADD JUMPER BETWEEN PIN 21 & 22 OF INDICATOR ED & RR 10019	B	BY REV: ADD RED(2), RED/WHT(3), RED/WHT(1) P2463; SER OUT RED, WNS SEP2462.3 SERU20601413 ED & RR 10530 SEP20600612
DATE APPROVED		DATE	
JGR JUN 84 WNS		A.S. JUN 85 WNS	

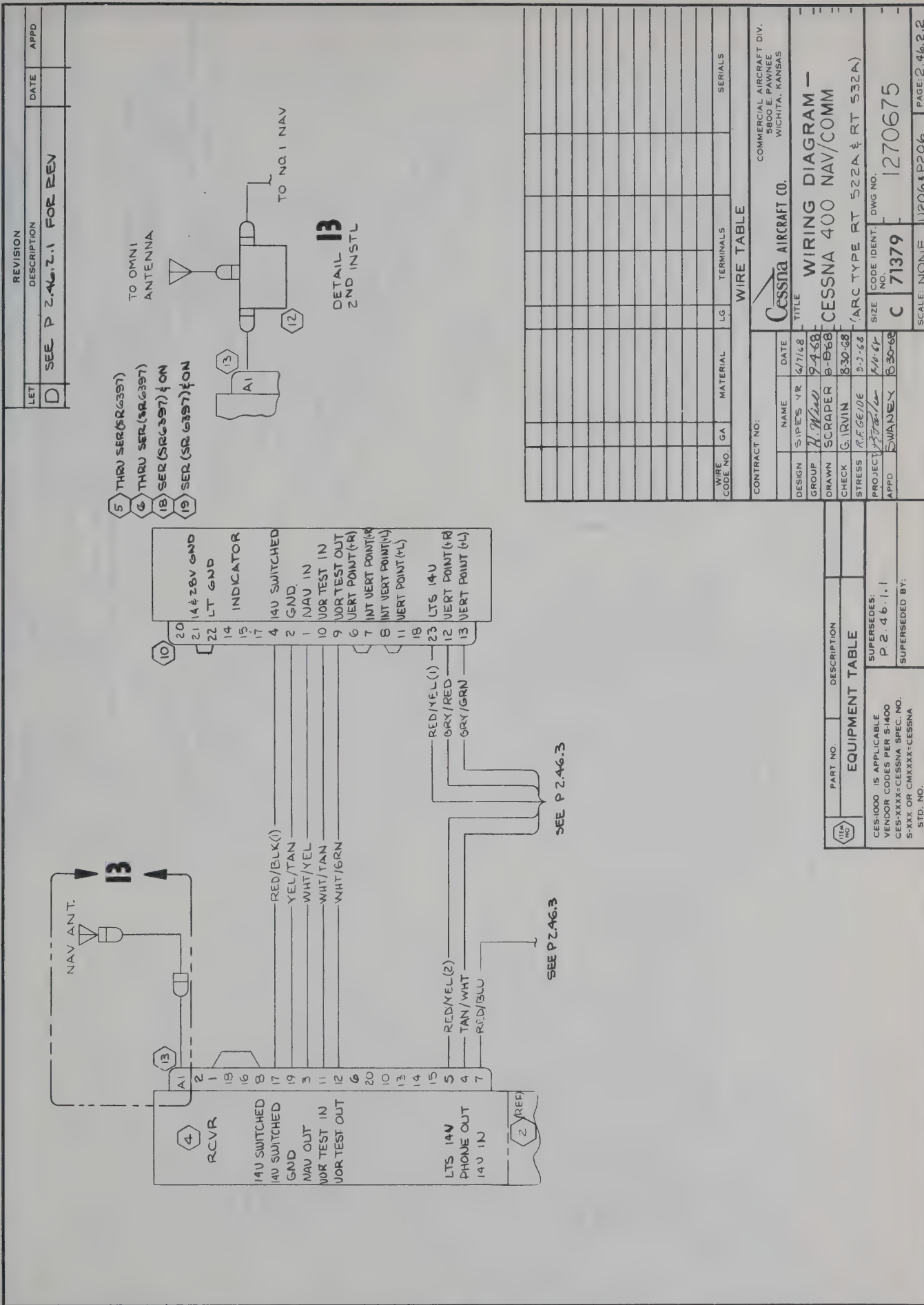
ITEM NO	DESCRIPTION	WIRE	TERMINALS
19	39490-0000 INDICATOR (ARC TYPE IN-543B)	BLACK(3) 18	-18-0
18	39490-0000 INDICATOR (ARC TYPE IN-522B)	BLU/WHT 22	-22-6-9
17	39660-0014 ACCESSORY UNIT (ARC TYPE RTA5328-1)	BLK/WHT 18	-18-0-9
16	37243 FILTER ASSY (00781)	RED/WHT(2) 18	-18-2-9
15	5-1838-1 HOUSING	RED/BLK(2) 18	-18-2-0
14	5-1838-2 HOUSING	BLACK(2) 18	-18-0
13	35693-0004 CONNECTOR (00781)	CABLE	RG-58/U
12	AV-547 COUPLER (02833)	CABLE	RG-58/U
11	0510084-1 JUNCTION BOX ASSY	RED/WHT(1) 18	-18-2-9
10	36364-0000 CONNECTOR KIT (00781)	BLACK(1) 16	-16-0
9	36363-0000 CONNECTOR KIT (00781)	WHT/BLK 22	-22-9-0
8	36693-0003 CONNECTOR (00781)	TAN 22	-22-10
7	36600-0000 ACCESSORY UNIT (ARC TYPE RTA5328)	RED/BLU 18	-18-2-6
6	34290-0000 INDICATOR (ARC TYPE IN-543A)	BLU/TAN(5) 22	-22-6-10
5	33970-0000 INDICATOR (ARC TYPE IN-522A)	BLU/TAN(4) 22	-22-6-10
4	33560-1100 RECEIVER (ARC TYPE R-542 A)	BLU/TAN(3) 22	-22-6-10
3	33570-1000 TRANSCIVER (ARC TYPE RT533A)	BLU/TAN(2) 22	-22-6-10
2	33950-1100 RCVR/AMTR (ARC TYPE RT-522 A)	BLU/TAN(1) 22	-22-6-10
1	51360-5 CIRCUIT BREAKER	YEL 22	-22-6-4

EQUIPMENT TABLE		WIRE TABLE	
PART NO.	DESCRIPTION	WIRE	TERMINALS
1	51360-5 CIRCUIT BREAKER	YEL 22	-22-6-4
2	33950-1100 RCVR/AMTR (ARC TYPE RT-522 A)	BLU/TAN(1) 22	-22-6-10
3	33570-1000 TRANSCIVER (ARC TYPE RT533A)	BLU/TAN(3) 22	-22-6-10
4	33560-1100 RECEIVER (ARC TYPE R-542 A)	BLU/TAN(4) 22	-22-6-10
5	33970-0000 INDICATOR (ARC TYPE IN-522A)	BLU/TAN(5) 22	-22-6-10
6	34290-0000 INDICATOR (ARC TYPE IN-543A)	RED/BLU 18	-18-2-6
7	36693-0003 CONNECTOR (00781)	WHT/BLK 22	-22-9-0
8	36364-0000 CONNECTOR KIT (00781)	TAN 22	-22-10
9	36363-0000 CONNECTOR KIT (00781)	RED/BLU 18	-18-2-6
10	36364-0000 CONNECTOR KIT (00781)	BLU/TAN(5) 22	-22-6-10
11	0510084-1 JUNCTION BOX ASSY	BLU/TAN(4) 22	-22-6-10
12	AV-547 COUPLER (02833)	BLU/TAN(3) 22	-22-6-10
13	35693-0004 CONNECTOR (00781)	BLU/TAN(2) 22	-22-6-10
14	5-1838-2 HOUSING	BLU/TAN(1) 22	-22-6-10
15	5-1838-1 HOUSING	YEL 22	-22-6-4
16	37243 FILTER ASSY (00781)	BLU 22	-22-10-0
17	39660-0014 ACCESSORY UNIT (ARC TYPE RTA5328-1)	BLU/WHT 22	-22-6-9
18	39490-0000 INDICATOR (ARC TYPE IN-522B)	BLACK(3) 18	-18-0
19	39490-0000 INDICATOR (ARC TYPE IN-543B)	RED/WHT(2) 18	-18-2-9

SER 1270675		SER 1270675	
C 71379		C 71379	
SIZE 1270675		SIZE 1270675	
CODE IDENT 1270675		CODE IDENT 1270675	
DWG NO 1270675		DWG NO 1270675	
SCALE 1:1		SCALE 1:1	
PAGE 2, 46, 2, 1		PAGE 2, 46, 2, 1	

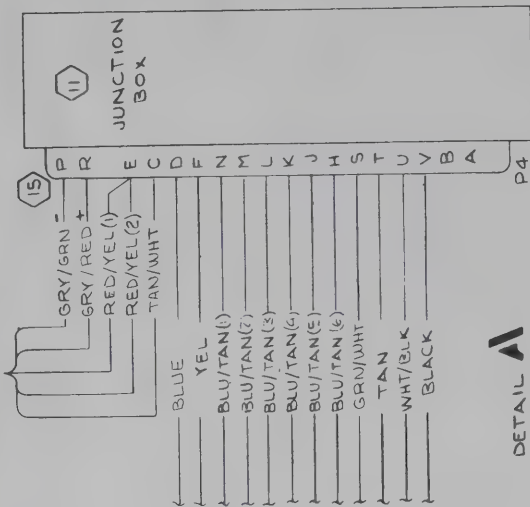
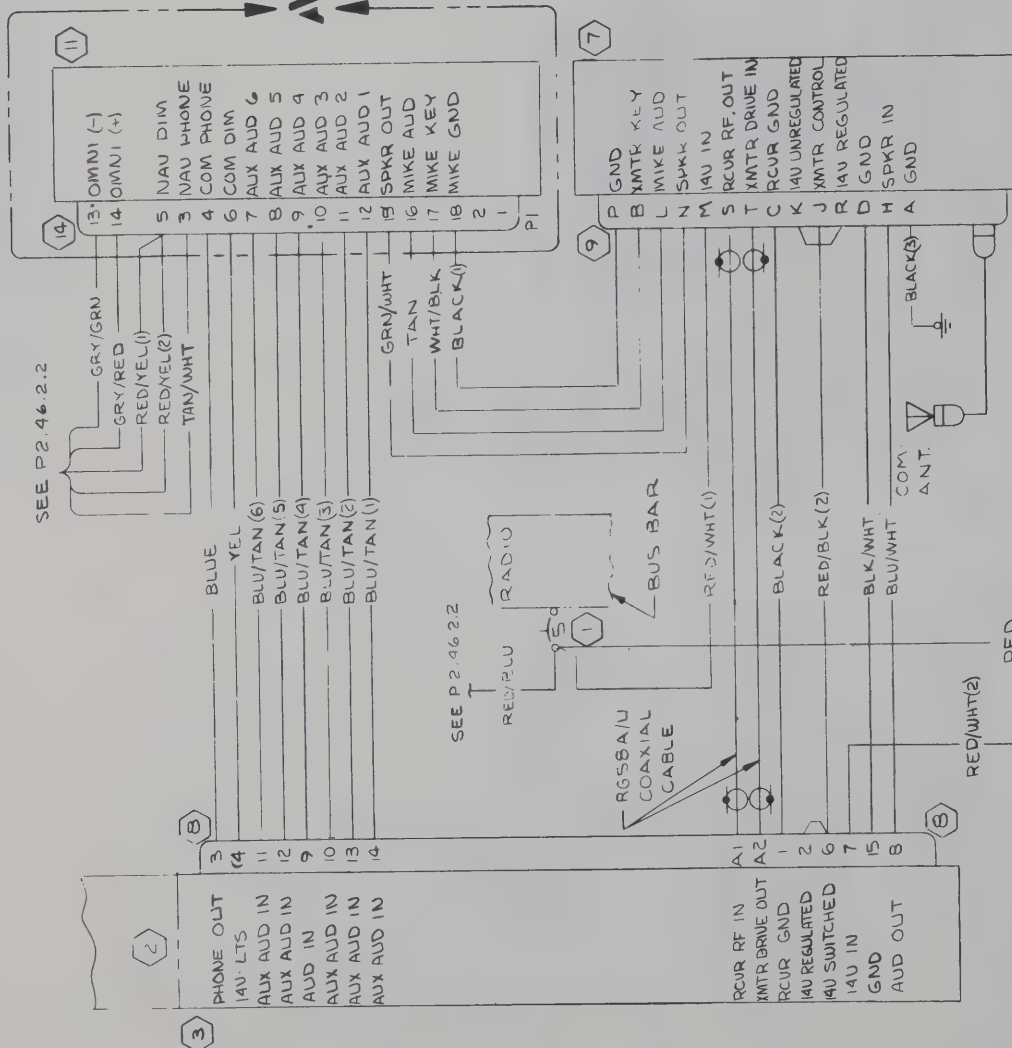
BY REV: SER OUT 33970-00004 34290-0000; SER IN 35480-0000 ED & RR 10758 (SR4397)		BY REV: NV-547 WNS ASP-547 ED & RR 10261	
DATE APPROVED		DATE	
JGR JUN 84 WNS		A.S. JUN 85 WNS	

SER 1270675		SER 1270675	
C 71379		C 71379	
SIZE 1270675		SIZE 1270675	
CODE IDENT 1270675		CODE IDENT 1270675	
DWG NO 1270675		DWG NO 1270675	
SCALE 1:1		SCALE 1:1	
PAGE 2, 46, 2, 1		PAGE 2, 46, 2, 1	



REVISION	DATE	APPD
LET		
DESCRIPTION		

SEE P2 46.2.2

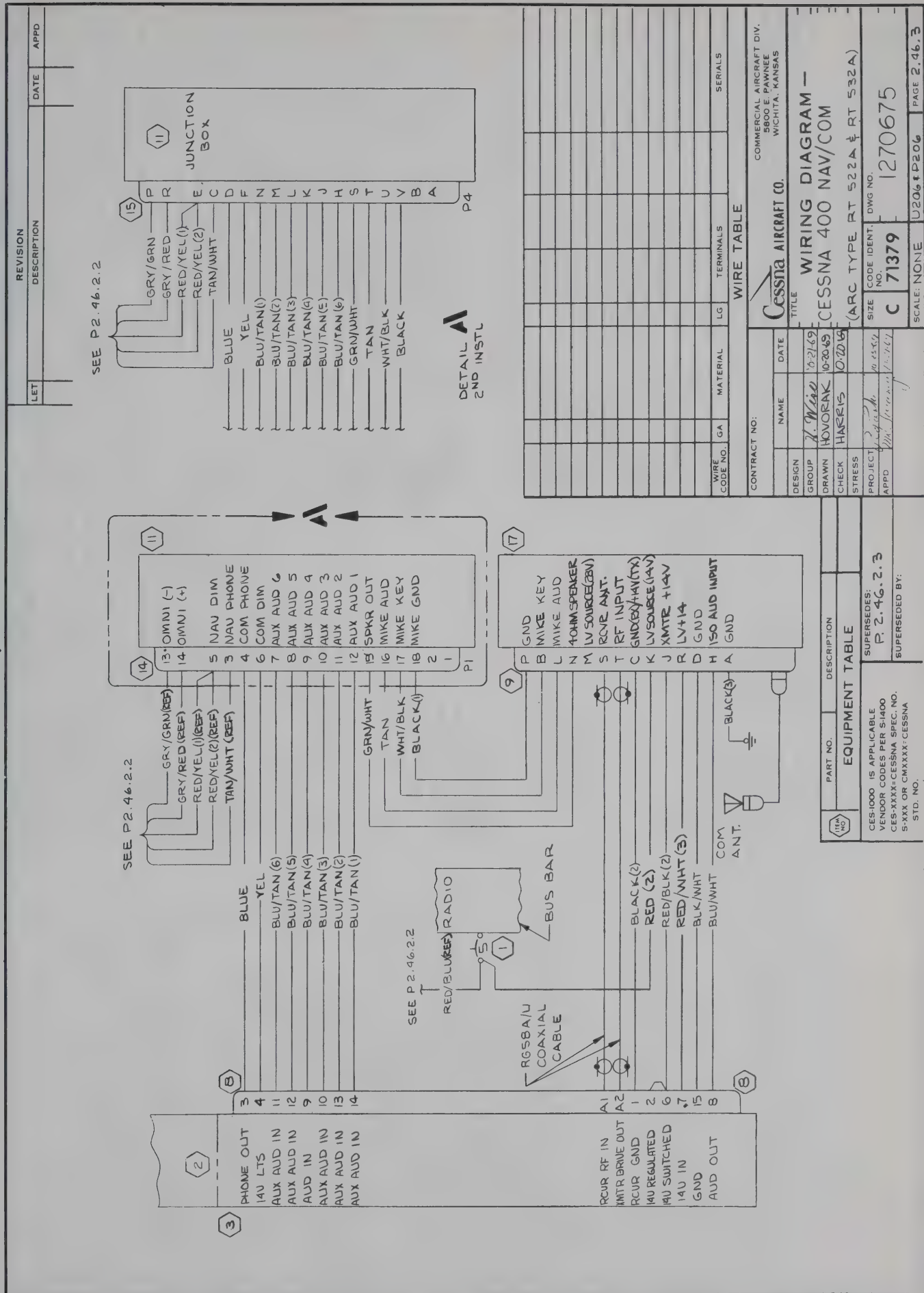


DETAIL 1
2ND INSTL

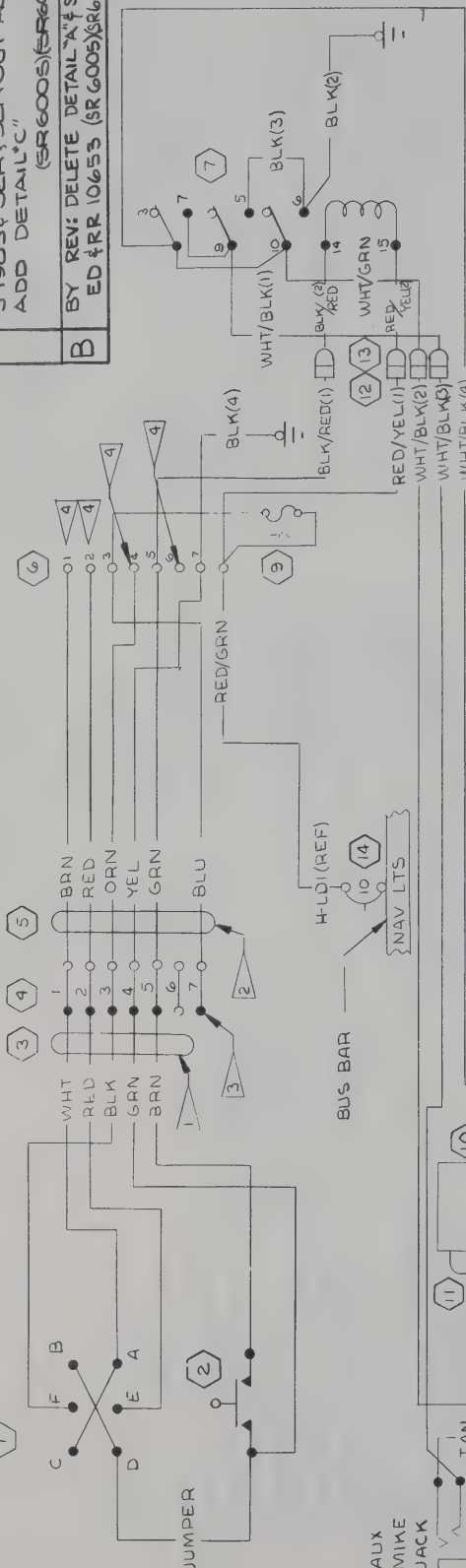
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105400

WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO.					
Cessna AIRCRAFT CO.					
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS					
DESIGN	NAME	DATE	TITLE		
GROUP	SIPIES VR	6-7-68	WIRING DIAGRAM -		
DRAWN	SCAPEH	8-19-68	CESSNA 400 NAV/COM		
CHECK	G. IRVIN	8-30-68	(ARC TYPE RT 522A & RT 532A)		
STRESS	R.F. GEORGE	9-1-68	SIZE		
PROJECT	SWANLEY	8-30-68	CODE IDENT		
APPD	SWANLEY	8-30-68	DWG NO.		
			C 71379		
			1270675		
			SCALE: NONE		
			U206 & P206		
			PAGE 2.46 2.3		

PART NO.	DESCRIPTION
EQUIPMENT TABLE	
SUPERSEDES: P 2.46 1.1	
SUPERSEDED BY: P 2.46.3	
CES 1000 IS APPLICABLE	
VENDOR CODES PER S1400	
CES-XXXX-CESSNA SPEC NO	
S-XXX OR CMXXX CESSNA	
STD NO.	



LET	REVISION	DESCRIPTION	DATE	APPRO
A	BY REV: A2002 WAS 39-1; 305-4304 WAS 26006; ADD S-19051 SER; SER OUT A2002; ADD DETAIL "C"		DLP 6-4-68	RLY MOS WJR
B	BY REV: DELETE DETAIL "A" & S-1905-1 ED & RR 10653 (SR 6005) (SR 6006) II		SEM 8-28-68	WJR MOS WJR



INACTIVE:
EFF U206-1235 & P206-0520
THRU U2060144 & P20600603
SEM ED & RR 10653
8-28-68
WJR

NOTES:

- BOTH ENDS OF 8445 CABLE TO BE SOLDERED
- BOTH ENDS OF SF-1030-BX CABLE TO BE TERMINATED WITH 320733 TERMINALS(00779)
- POWER SOURCE FOR MAP LIGHT REFER TO 1270625 PAGE 11.11 FOR SCHEMATIC OF ETCHED CKT BOARD
- REFER TO 1270625 PAGE 14.4 FOR PITCH TRIM MOTOR WIRING DIAGRAM
- PART NO. IS 329636 VENDOR CODE IS 00779

WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK(4) 22	22	-22-9-0		SOLDER S-1837-1	
TAN 22	22	-22-10		SOLDER SOLDER	
RED/GRN 22	22	-20-2-5		S-1367-1-8	
WHT/GRN 22	22	-22-9-0		SOLDER S-1635-1	
BLK/RED(1) 22	22	-22-0-2		SOLDER S-1635-1	
BLK/RED(1) 22	22	-22-0-2		SOLDER S-1636-1	
RED/YEL(4) 22	22	-22-2-4		SOLDER S-1635-1	
WHT/YEL(1) 22	22	-22-2-4		S-1367-1-8	
WHT/BLK(3) 22	22	-22-9-0		S-1636-1	
WHT/BLK(1) 22	22	-22-9-0		SOLDER S-1636-1	
BLK(4) 22	22	-22-0		SOLDER S-1635-1	
BLK(3) 22	22	-22-0		S-1367-1-8	
BLK(2) 22	22	-22-0		SOLDER S-1367-1-8	
BLK(1) 22	22	-22-0		SOLDER SOLDER	

WIRE TABLE

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
	SIPES VR	6/7/68	7.9.10	9.4.68	SCRAPER	8.27.68	8.30.68	8.30.68	8.30.68
	SWANLEY								

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

EQUIPMENT TABLE

PART NO.	DESCRIPTION
1	NAV LTS
2	JUMPER
3	AUX MIKE JACK
4	STD MIKE JACK
5	BUS BAR
6	NAV LTS
7	NAV LTS
8	NAV LTS
9	NAV LTS
10	NAV LTS
11	NAV LTS
12	NAV LTS
13	NAV LTS
14	NAV LTS

CES-1000 - IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.	SUPERSEDES: P 2.48	SUPERSEDED BY: 1270675 PAGE 1.48.5
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DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					
A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
A2002	305-4304					

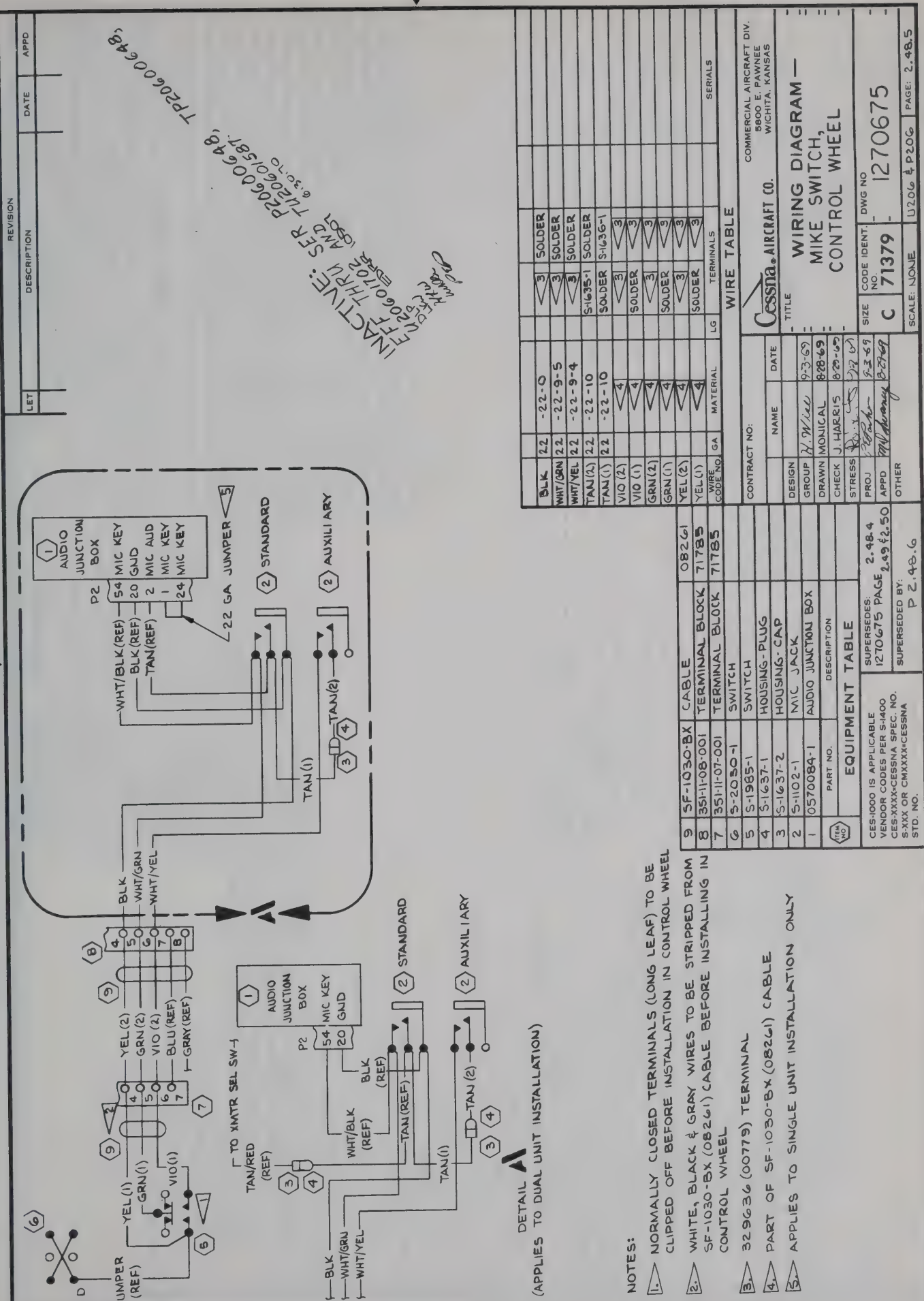
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A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
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A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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A2002	305-4304					

DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
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8445	8445					
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DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPRO
709031	81640	815791	VENDOR			
8445	8445					



REVISION		DESCRIPTION		DATE		APPRO	
LET							

BLK	22	-22-0					
WHT/GRN	22	-22-9-5					
WHT/YEL	22	-22-9-4					
TAN(2)	22	-22-10					
TAN(1)	22	-22-10					
VIO (2)		4					
VIO (1)		4					
GRN(2)		4					
GRN(1)		4					
YEL(2)		4					
YEL(1)		4					

WIRE TABLE		TERMINALS		SERIALS	
BLK	22	-22-0			
WHT/GRN	22	-22-9-5			
WHT/YEL	22	-22-9-4			
TAN(2)	22	-22-10			
TAN(1)	22	-22-10			
VIO (2)		4			
VIO (1)		4			
GRN(2)		4			
GRN(1)		4			
YEL(2)		4			
YEL(1)		4			

CONTRACT NO.		NAME		DATE	
DESIGN					
GROUP					
DRAWN					
CHECK					
STRESS					
PROJ					
APPD					
OTHER					

CESNA AIRCRAFT CO.	COMMERCIAL AIRCRAFT DIV.	5900 E. PAWNEE	WICHITA, KANSAS
TITLE			
WIRING DIAGRAM —			
MIKE SWITCH,			
CONTROL WHEEL			
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270675	
SCALE: NONE	U206 & P206	PAGE: 2.48.5	

9	SF-1030-BX	CABLE	08261
8	35H-11-08-001	TERMINAL BLOCK	71785
7	35H-11-07-001	TERMINAL BLOCK	71785
6	S-2030-1	SWITCH	
5	S-1985-1	SWITCH	
4	S-1637-1	HOUSING-PLUG	
3	S-1637-2	HOUSING-CAP	
2	S-1102-1	MIC JACK	
1	0570084-1	AUDIO JUNCTION BOX	

EQUIPMENT TABLE		DESCRIPTION	
CES-1000	IS APPLICABLE		
VENDOR CODES PER S-1400			
CES-XXXX-CESNA	SPEC. NO.		
S-XXX OR CMXXX-CESNA			
STD. NO.			

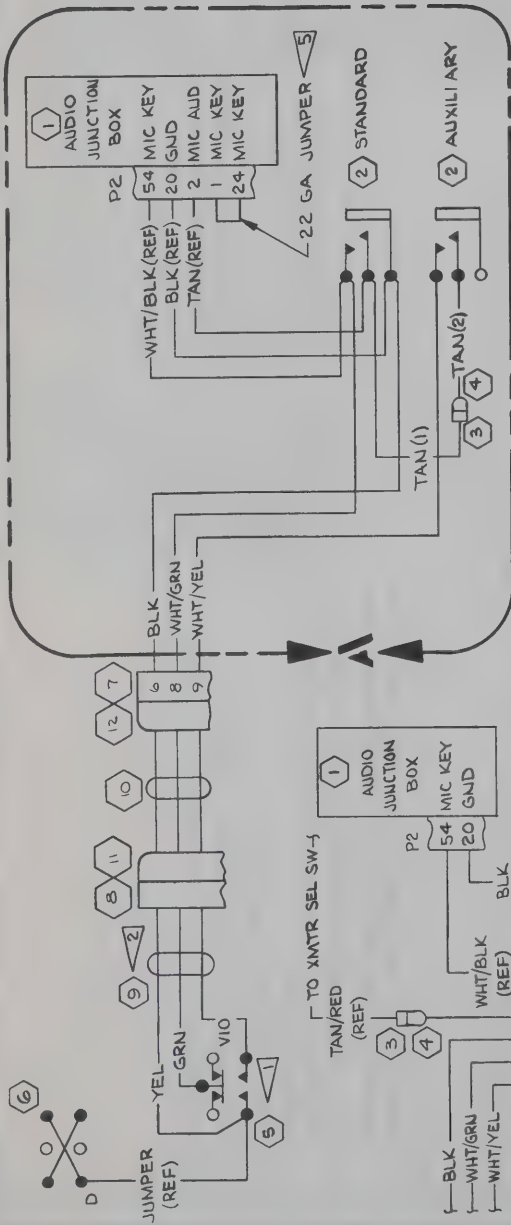
SUPERSEDES:	2.48.4
1270675	PAGE
2.49 & 2.50	
SUPERSEDED BY:	P 2.48.6

NOTES:

1. NORMALLY CLOSED TERMINALS (LONG LEAF) TO BE CLIPPED OFF BEFORE INSTALLATION IN CONTROL WHEEL
2. WHITE, BLACK & GRAY WIRES TO BE STRIPPED FROM SF-1030-BX (08261) CABLE BEFORE INSTALLING IN CONTROL WHEEL
3. 329636 (00779) TERMINAL
4. PART OF SF-1030-BX (08261) CABLE
5. APPLIES TO SINGLE UNIT INSTALLATION ONLY

DETAIL A
(APPLIES TO DUAL UNIT INSTALLATION)

LET	REVISION	DESCRIPTION	DATE	APPD



DETAIL A
(APPLIES TO DUAL UNIT INSTALLATION)

NOTES:

1. NORMALLY CLOSED TERMINALS (LONG LEAF) TO BE CLIPPED OFF BEFORE INSTALLATION IN CONTROL WHEEL
2. WHITE, BLACK & GRAY WIRES TO BE STRIPPED FROM SF-1030-BX (08261) CABLE BEFORE INSTALLING IN CONTROL WHEEL
3. 60215-4LP TERMINAL (00719)
4. PART OF SF-1030-BX (08261) CABLE
5. APPLIES TO SINGLE UNIT INSTALLATION ONLY

WIRE	CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
TAN(2)	22	-22-10	S-1635-1	SOLDER		
TAN(1)	22	-22-10	S-1636-1	SOLDER		
BLK	22	-22-0	SOLDER			
WHT/GRN	22	-22-9-5	SOLDER			
WHT/YEL	22	-22-9-4	SOLDER			
GRN	22	-22-9-4	SOLDER			
VIO	22	-22-9-4	SOLDER			
YEL	22	-22-9-4	SOLDER			
WHT/GRN	22	-22-9-5	SOLDER			
WHT/YEL	22	-22-9-4	SOLDER			
GRN	22	-22-9-4	SOLDER			
VIO	22	-22-9-4	SOLDER			
YEL	22	-22-9-4	SOLDER			

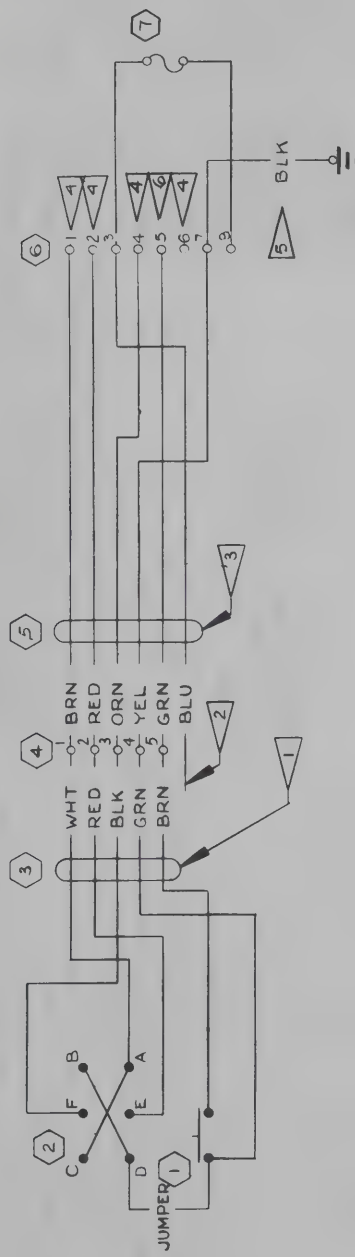
WIRE TABLE

CONTRACT NO.	NAME	DATE
	H. W. W. W.	7-2-70
DESIGN	DRAWN	CHECK
	H. W. W. W.	6-30-70
STRESS	PROJ	APPD
	H. W. W. W.	7-1-70
OTHER	OTHER	OTHER

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS
Cessna AIRCRAFT CO.		
TITLE	WIRING DIAGRAM—	MIKE SWITCH, CONTROL WHEEL
SIZE	NO.	DWG NO
C	71379	1270675
SCALE	NONE	ZON
		PAGE: 2-48-6

ITEM NO	PART NO.	DESCRIPTION
1	0570084-1	AUDIO JUNCTION BOX
2	5-1102-1	MIC JACK
3	5-1637-2	HOUSING-CAP
4	5-1637-1	HOUSING-PLUG
5	5-1985-1	SWITCH
6	5-2030-1	SWITCH
7	582384-9	SOCKET
8	255 10 30 P0	CONNECTOR
9	5F-1030-BX	CABLE
10	1270061-1	CABLE ASSY
11	1270061-1	CKT BOARD
12	1270062-1	CKT BOARD

LET	REVISION	DATE	APPO
A	BY REV: ADD SRS; PAGE 248 WAS 2.48.1. (SR5158) & (SR5158) II	JWH 8/30/67	YAK and Mac 8/30/67
B	BY REV: ADD NOTE 6. EDF RR 00184	9-25-67	YAK and Mac 9/25/67
C	BY REV: 305-4304 WAS 26006 EDF RR 01336	11-20-67	YAK and Mac 11/20/67



INACTIVE:
EFF U206-0915 & P206-0420
THRU U206 0144 & P206 00603
ED RR 10653
SEM B-28-09
JWH 8/30/67
mos

- NOTES:
- SWITCH END OF 3 WIRES TO BE SOLDERED. TERM BLOCK END TO BE TERMINATED WITH 320733 TERMINALS (00779)
 - USED ONLY WITH MAP LITE
 - BOTH ENDS OF 5 WIRES TO BE TERMINATED WITH 320733 TERMINALS (00779)
 - REFER TO 1270625 PAGE 14.9 FOR PITCH TRIM MOTOR WIRING DIAGRAM.
 - ALL WIRE SHOWN ON THIS PAGE ARE ALSO SHOWN ON PAGE 2.420 REFER TO 2.420 FOR WIRE TERMINATION DETAILS.
 - A MIKE KEYING RELAY IS REQUIRED WITH 39-1 SWITCH. REFER TO PAGE 2.48 FOR RELAY & ADDITIONAL CIRCUIT.

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
7	1570141-1	FUSE ASSY			
6	8-171	TERM BLOCK			
5	SF-1030-BX	CABLE			
4	5-171	TERM BLOCK			
3	84-45	CABLE			
2	305-4304	SWITCH			
1	39-1	SWITCH			
EQUIPMENT TABLE					
PART NO.	DESCRIPTION				
100					
SUPERSEDES: 1270675, PG 2.732					
SUPERSEDED BY: 1270675 PAGE 2.48.5					
CER 1000 IS APPLICABLE VENDOR CUES PER 81400 CES-XXXX-CESNA SPEC. NO. 5-XXX OR CHXXXX-CESNA STD. NO.					

CONTRACT NO. _____

NAME: ACKERSON G-B-67

DATE: 8-31-67

DESIGN: ACKERSON G-B-67

GROUP: H. W. Mac 8-31-67

DRAWN: J. W. Mac 8-31-67

CHECK: YAK SHAW 8-31-67

STRESS: and 8-31-67

PROJECT: H. W. Mac 8-9-67

APPO: _____

SIZE: C

CODE IDENT. NO. 71379

DWG NO. 1270675

SCALE: NONE

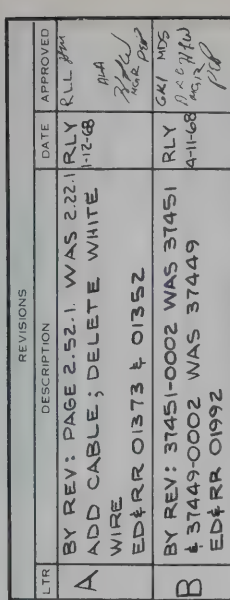
PAGE: 2.49

INACTIVE:
EFF 1206-0915 & P206-0420
THRU 12060144 & P20600603
SEM ED & KR10653
B-28-69
Walt
mod. 1/2/73

NOTES:

- 1 USED ONLY WITH MIKE SWITCH
- 2 BOTH ENDS OF 2 WIRES TO BE SOLDERED
- 3 BOTH ENDS OF 4 WIRES TO BE TERMINATED WITH 320733 TERMINALS (00779)
- 4 REFER TO 1270625 PAGE 14.4 FOR PITCH TRIM MOTOR WIRING DIAGRAM
- 5 POWER SOURCE FOR MAP LIGHT REFER TO 1270625 PAGE 11.11
- 6 ALL WIRES SHOWN ON THIS PAGE ARE ALSO SHOWN ON 1270675 PAGE 2.48.0. REFER TO 2.48.0 FOR WIRE TERMINATION DETAILS.

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
1570141-1		FUSE ASSY			
5 8-171		TERMBLOCK			
4 SF1030-BX		CABLE			
3 1570142-2		CIRCUIT BOARD ASSY			
2 8445		CABLE			
1 305-4304		SWITCH			
EQUIPMENT TABLE					
PART NO.					
SUPERSEDES:					
CES-1000 IS APPLICABLE					
VENDOR CODES PER 5-1400					
CES-XXXX-CESNA SPEC. NO.					
S-XXX OR CMXXXX-CESNA					
STD. NO.					
SUPERSEDED BY:					
1270675 PAGE 2.48.5					



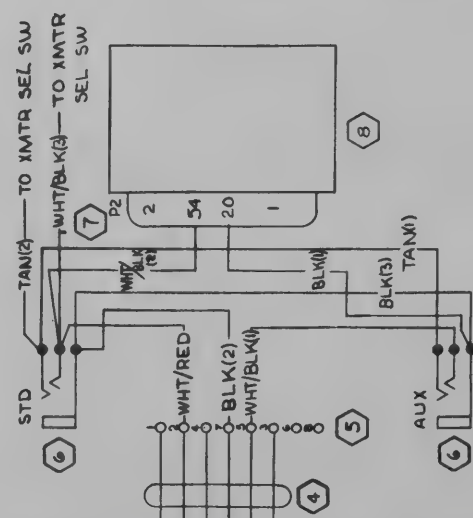
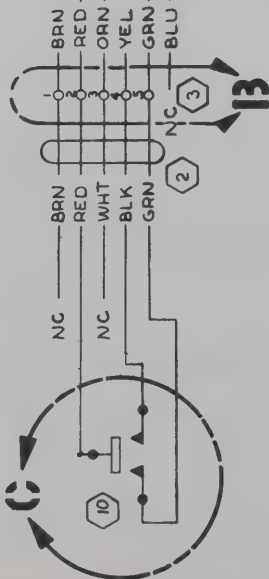
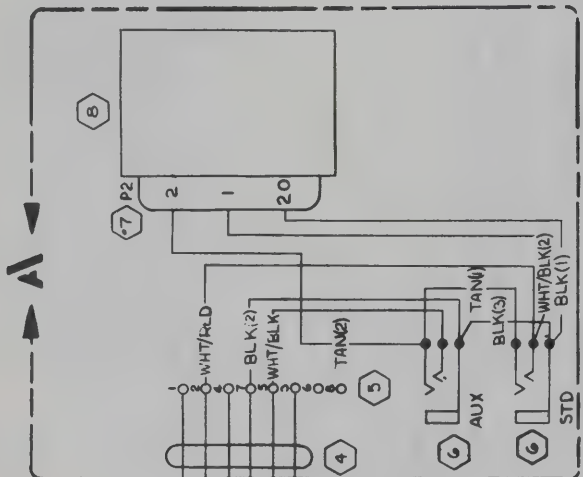
CABLE	RG58A/U	UG-88C/U	
TAN/WHIT 22	-22-10-9	SOLDER SOLDER	
TAN/BLU 22	-22-10-6		
TAN/RED 22	-22-10-2		
TAN 22	-22-10		
WHT/BLU 22	-22-9-6		
WHT/GRN 22	-22-9-5		
WHT/YEL 22	-22-9-4		
WHT/RED 22	-22-9-2		
GRY/TAN 22	-22-8-10		
GRY/BLU 22	-22-8-6		
GRY/GRN 22	-22-8-5		
GRY/YEL 22	-22-8-4		
GRY/RED 22	-22-8-2		
GRY/BLK 22	-22-8-0		
BLU/TAN 22	-22-6-10		
BLU/WHIT 22	-22-6-9		
WHITE 20S	S-1461-20-9		
BLU/BLK 22	-22-6-0		
YEL/GRN 20	-20-4-5		
GREEN 20	-20-5		
YELLOW 20	-20-4		
RED 18	-18-2		
BLACK 18	-18-0		
BLACK 22	-22-0		

CONTRACT NO:		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN		NAME	DATE	Cessna AIRCRAFT CO. TITLE	WIRING DIAGRAM — CESSNA 400 TRANSPONDER (ARC TYPE 506A)
GROUP	G WOOD	H WOOD	11-20-67		
DRAWN	G WOOD	G WOOD	11-20-67		
CHECK	LAURIE	LAURIE	10-24-67		
STRESS	ASHFORD	ASHFORD	11-18-67		
PROJECT	70-20	70-20	11-20-67		
APPD					
SIZE		CODE IDENT.	DWG NO.	PAGE: 2 OF 2	
C		71379	1270675		
SCALE:					

Q	P	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI
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SUPPRESSOR CABLE ROUTES WITH CABLE TO CONTROL PANEL. CENTER CONDUCTOR CONNECTS TO PIN 4 OF 300 DME CABLE & SHIELD CONNECTS TO PIN 8. CENTER CONDUCTOR TERMINATED WITH END CAP WHEN NOT USED.

REVISION		
LET	DESCRIPTION	DATE
A	BY REV: ADD 5-1985-1 & SER: SER OUT ABOVE; ADD DETAIL 'C' (SRE005) (SRE006) II	DLP 6-4-68
		APPROV: <i>[Signature]</i>



DETAIL A
2nd INSTALLATION

- NOTES:
- ON SECOND INSTALLATION WHT/BLK(3) 4 TAN(2) WIRES SOLDER TO XMTR SELECTOR SWITCH
 - 5-171 TERM BLOCK IS REPLACED BY 1570142-2 CIRCUIT BOARD ASSY WHEN A MAP LIGHT IS INSTALLED

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK(2) 2	-22-9-0	SOLDER			
WHT/RED(2) 2	-22-9-2	SOLDER			
WHT/BLK(2) 2	-22-9-0	SOLDER			
WHT/BLK(2) 2	-22-9-0	SOLDER			
TAN(2) 2	-22-10	SOLDER			
TAN(1) 2	-22-10	SOLDER			
BLK(3) 2	-22-0	SOLDER			
BLK(2) 2	-22-0	SOLDER			
BLK(1) 2	-22-0	SOLDER			
WHT/BLK(2) 2	-22-0	SOLDER			

WIRE TABLE

CONTRACT NO.			COMMERCIAL AIRCRAFT DIV.		
NAME			WICHITA, KANSAS		
DESIGN	SIZES	DATE	TITLE		
GROUP	8-19-68	9-4-68	WIRING DIAGRAM --		
DRAWN	SCRAPER	8-19-68	MIKE KEY-CONTROL		
CHECK	G. ARVIN	8-30-68	WHEEL		
STRESS	R. H. GEYDE	9-3-68			
PROJECT	SWANEY	8-30-68			
APPD	SWANEY	8-30-68			
SIZE	CODE IDENT.	DWG NO.			
C	71379	1270675			
SCALE: NONE			PAGE: 2.53.1		

EQUIPMENT TABLE	
PART NO.	DESCRIPTION
10	5-1985-1 SWITCH
9	1570142-2 CIRCUIT BOARD ASSY
8	0570084-1 JUNCTION BOX ASSY
7	5-1838-1 CONNECTOR
6	5-1102-1 JACK
5	8-171 TERM BLOCK
4	SF-1030-8X CABLE
3	5-171 TERM BLOCK
2	8445 CABLE
1	A9002 SWITCH

CEC-1000 IS APPLICABLE
VENDOR CODES PER 8-1400
CES-XXXX-CESBNA SPEC. NO.
8-XXX OR CMXXXX-CESBNA
STD. NO.

1 SUPPRESSOR CABLE ROUTES WITH CABLE TO CONTROL PANEL. CENTER CONDUCTOR CONNECTS TO PIN 4 OF 300 DME CABLE. SHIELD CONNECTS TO PIN 8. CENTER CONDUCTOR TERMINATED WITH END CAP WHEN NOT USED

NOTES:

△ SUPPRESSOR CABLE ROUTES WITH CABLE

[illegible]

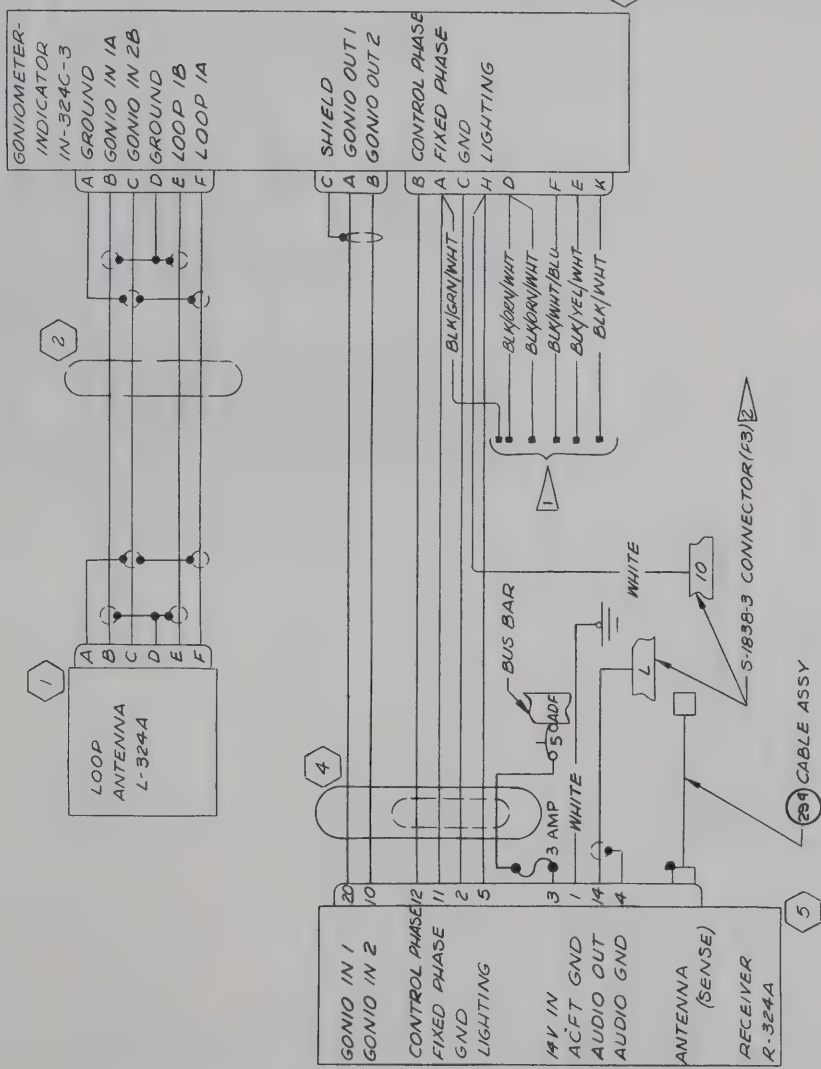
RED/GRN(1)	22	-22-2-5	24	SOLDER	S-1963-1
TAN/YEL(2)	22	-22-10-4	24	SOLDER	S-1963-2
TAN/YEL(1)	22	-22-10-4	24	SOLDER	S-1963-1
TAN/RED(2)	22	-22-10-2	24	SOLDER	S-1963-2
TAN/RED(1)	22	-22-10-2	24	SOLDER	S-1963-1
TAN/WH(2)	22	-22-10-5	24	SOLDER	S-1963-2
TAN/WH(1)	22	-22-10-5	24	SOLDER	S-1963-1
RED/GRN(1)	22	-22-2-5	24	SOLDER	S-1963-1
TAN/YEL(2)	22	-22-10-4	24	SOLDER	S-1963-2
TAN/YEL(1)	22	-22-10-4	24	SOLDER	S-1963-1
TAN/RED(2)	22	-22-10-2	24	SOLDER	S-1963-2
TAN/RED(1)	22	-22-10-2	24	SOLDER	S-1963-1
TAN/WH(2)	22	-22-10-5	24	SOLDER	S-1963-2
TAN/WH(1)	22	-22-10-5	24	SOLDER	S-1963-1
RED/GRN(1)	22	-22-2-5	24	SOLDER	S-1963-1
TAN/YEL(2)	22	-22-10-4	24	SOLDER	S-1963-2
TAN/YEL(1)	22	-22-10-4	24	SOLDER	S-1963-1
TAN/RED(2)	22	-22-10-2	24	SOLDER	S-1963-2
TAN/RED(1)	22	-22-10-2	24	SOLDER	S-1963-1
TAN/WH(2)	22	-22-10-5	24	SOLDER	S-1963-2
TAN/WH(1)	22	-22-10-5	24	SOLDER	S-1963-1

[illegible]

FORM NO. 80-212A

EDARR 10356 SER PZOG-0566 JON
EUCUCCO-1072501

LET	REVISION	DATE	APPD
	DESCRIPTION		



NOTES:
 1 THESE WIRES TO BE CUT & CAPPED APPROX 2" FROM PLUG.
 2 WIRE TERMINALS 5-1837-1

ITEM NO.	PART NO.	DESCRIPTION	EQUIPMENT TABLE
5	36380-1000	RECEIVER	P 3.29.1
4	38422-0014	CABLE ASSY	P 3.29.1
3	38450-0003	GONIO METER IND.	P 3.29.1
2	33827	1000 CABLE ASSY	P 6.3
1	36420-1100	LOOP ANTENNA	P 6.3
			PAGE

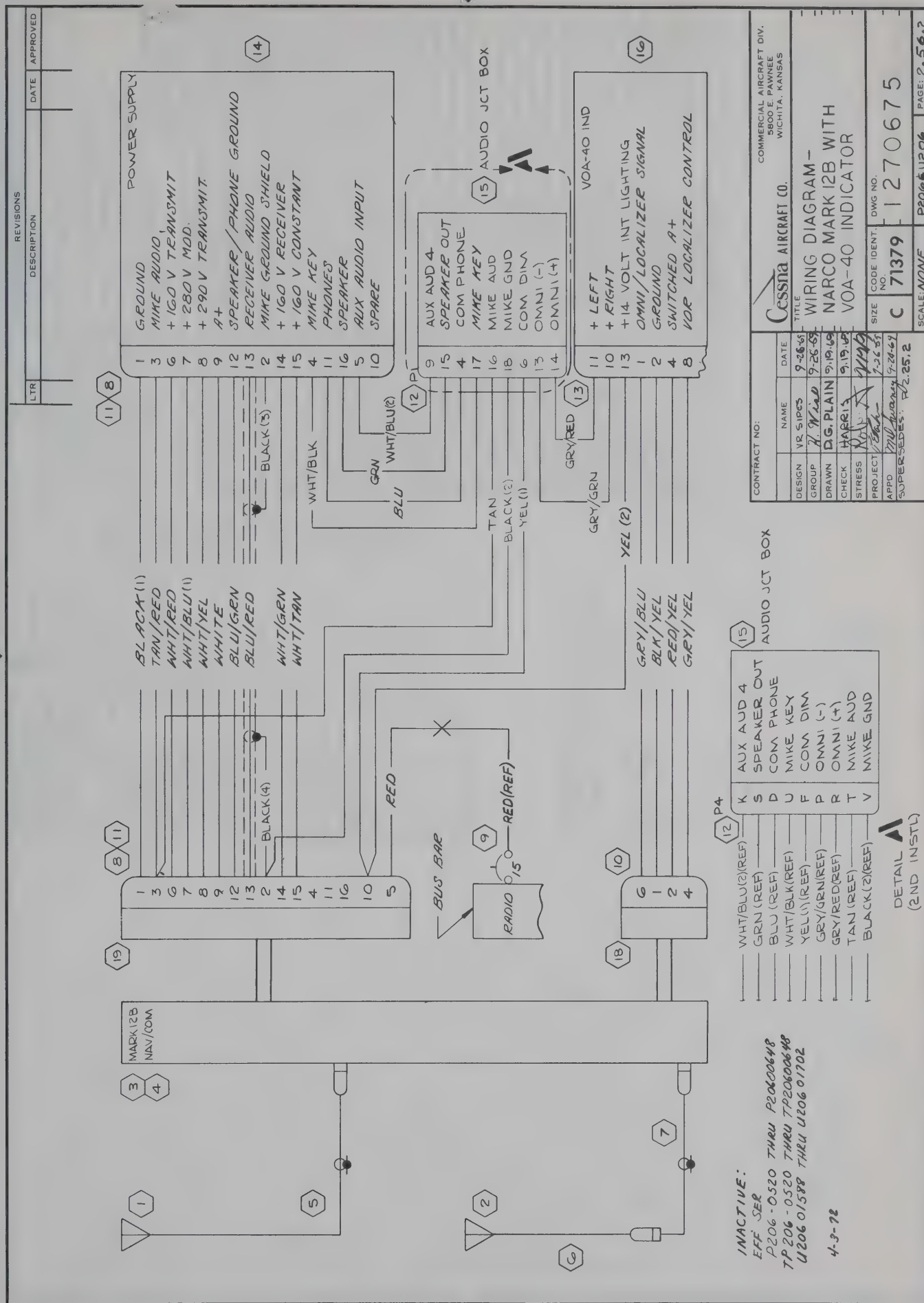
CONTRACT NO.		NAME		DATE	
DESIGN		L. AURIE		9-4-68	
DRAWN		L. SCRAPER		8-27-68	
CHECK		G. IRVIN		8-30-68	
STRESS		R. E. G. IDE		9-1-68	
PROJECT		J. J. J. J.		9-1-68	
APPD		J. J. J. J.		8-30-68	
CODE IDENT NO.		C 71379		SIZE	
SCALE: NONE		U2064 P206		PAGE: 2.55.1	
TITLE		WIRING DIAGRAM - CESSNA 400 ADF (ARC TYPE 324A)			
Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			

INACTIVE:
 EFF SER.
 U20601588 THRU U20601702
 P206-0520 THRU P20600648
 TP206-0520 THRU TP20600648
 4-3-72

REVISION		DATE		APPD	
DESCRIPTION					
BLACK(4)	22	-22-0		SOLDER	SOLDER
BLACK(3)	22	-22-0		SOLDER	SOLDER
BLACK(2)	22	-22-0		SOLDER S-1837-1	
TAN	22	-22-10		SOLDER S-1837-1	
WHT/BLU(2)	22	-22-9-6		SOLDER S-1837-1	
WHITE	14	-14-9		SOLDER SOLDER	
BLACK(1)	16	-16-0		SOLDER SOLDER	
RED	16	-16-2		S-1370-2 SOLDER	
YEL (1)	18	-18-4		SOLDER S-1837-1	
YEL (2)	18	-18-4		SOLDER	
GRN	20	-20-5		S-1837-1	
BLUE	22	-22-6			
WHT/BLK	22	-22-9-0			
GRY/RED	22	-22-8-2		S-1837-1	
GRY/GRN	22	-22-8-5		SOLDER	
TAN/RED	22	-22-10-2			
WHT/RED	22	-22-9-2			
WHT/BLU(1)	22	-22-9-6			
WHT/YEL	22	-22-9-4			
BLU/GRN	22	-22-6-5			
BLU/RED	22	-22-6-2			
WHT/GRN	22	-22-9-5			
WHT/TAN	22	-22-9-10			
GRY/BLU	22	-22-8-6			
BLK/YEL	22	-22-0-4			
RED/YEL	22	-22-2-4			
GRY/YEL	22	-22-8-4		SOLDER SOLDER	
WIRE COLE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO		WIRE TABLE	
Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E PAWNEE WICHITA, KANSAS	
DESIGN	DATE	TITLE	
VR 5125	9-26-68	WIRING DIAGRAM --	
GROUP	H. W. 100	NARCO MARK 12B WITH	
DRAWN	D. G. PLAIN	VOA-40 INDICATOR	
CHECK	HARRIS		
STRESS	9-19-68		
PROJECT	9-26-68		
APPD	9-29-68		
SIZE		CODE IDENT	DWG NO.
C		71379	1270675
SCALE: NONE		PAGE: 2.56.1	

EQUIPMENT TABLE		SUPERSEDES:	
ITEM NO.	DESCRIPTION	PAGE	
1	ANTENNA - COMM	6.16	
2	ANTENNA - NAV	6.2.0	
3	NAV/COM(90 CHAN)	3.34.0	
4	NAV/COM(360 CHAN)	3.34.0	
5	CABLE ASSY	2.1	
6	BALUN 3TUB	6.2.0	
7	CABLE ASSY	2.2	
8	PLUG	2.56.0	
9	CIRCUIT BREAKER	3.34.0	
10	CONNECTOR	2.56.0	
11	CAP	2.56.0	
12	HOUSING	2.56.0	
13	CONN KIT ASSY	2.56.0	
14	PWR AUDIO UNIT	4.28	
15	UCT BOX ASSY	7.15.0	
16	INDICATOR	3.34.0	
17	CONNECTOR	2.56.0	
18	CONNECTOR	2.56.0	
19	CONNECTOR	2.56.0	
20	CONNECTOR	2.56.0	

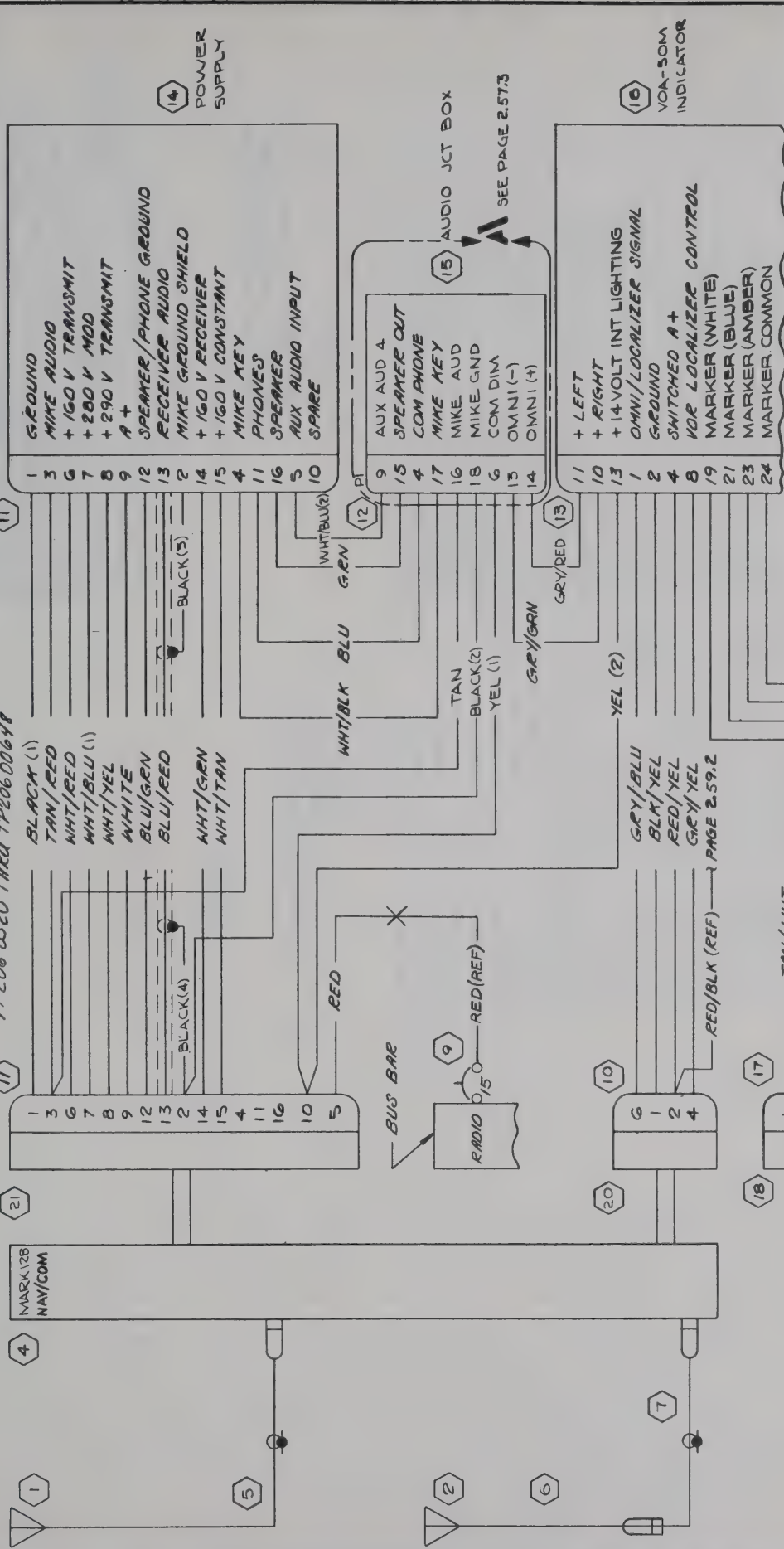


WIRE TABLE				Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. FAWNREE WICHITA, KANSAS	
CONTRACT NO:		NAME	DATE	TITLE		WIRING DIAGRAM -	
		V R SIPS	9-16-68			NARCO MARK 12B WITH	
		H. W. Wad	9-26-68			VOA-50M INDICATOR	
		D.G. PLAIN	9-16-69				
		Chester's	9-13-69				
		STRESS	9-11-69				
		PROJECT	9-26-69				
		APPD	9-26-69				
		M. W. Wad		SIZE		CODE IDENT.	DWG NO.
				C		71379	1270675
				SCALE: NONE		P2.06 \$1206 PAGE 2.57.1	

H-3-7C

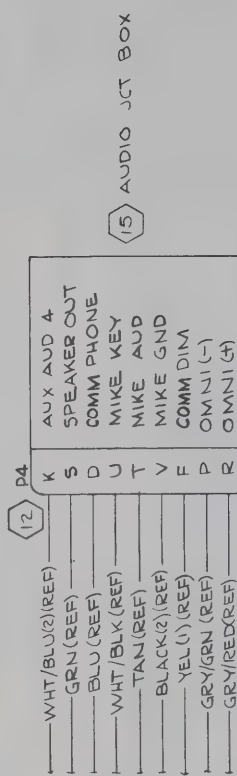
REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		

INACTIVE 8
EFF SER.
U20601588 THRU U20601702
P206-0520 THRU P20600648
TP206-0520 THRU TP20600648



Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 8800 E. PAWNEE WICHITA, KANSAS	
CONTRACT NO.	DATE	DESIGN	DATE
	9-26-68	VR 5125	9-26-68
	9-26-68	GROUP	9-26-68
	9-26-68	DRAWN	9-26-68
	9-26-68	CHECK	9-26-68
	9-26-68	STRESS	9-26-68
	9-26-68	PROJECT	9-26-68
	9-26-68	APPD	9-26-68
TITLE		WIRING DIAGRAM - NARCO	
MARK 12B WITH VOA - 50M		INDICATOR	
SIZE	CODE IDENT.	OWG NO.	
C	71379	1270675	
SCALE: NONE		PAGE: 2.57.2	

REVISIONS		
LTR	DESCRIPTION	DATE



(15) AUDIO JCT BOX

DETAIL A
(2ND INSTL)

INACTIVE:
EFF SER.

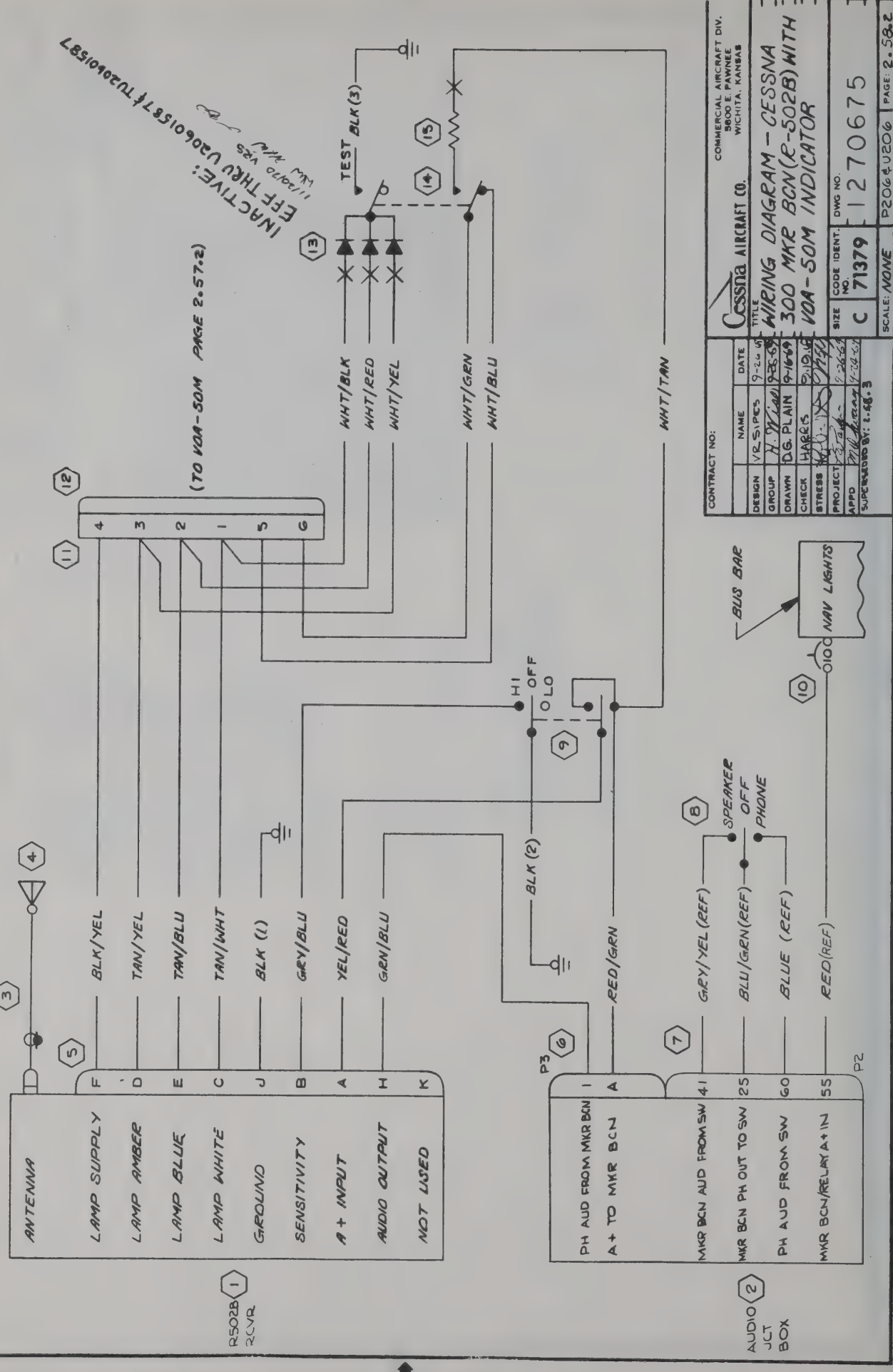
U20601588 THRU U20601702
P2060520 THRU P20600648
TP2060520 THRU TP20600648

4-3-72

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	VR SIPS	DATE	9-26-69	TITLE	
GROUP	H. Wied	DATE	9-26-69	WIRING DIAGRAM -	
DRAWN	D.G. PLAIN	DATE	9-16-69	NARCO MARK 12B WITH	
CHECK	HARRIS	DATE	9-19-69	VOA - 50M INDICATOR	
STRESS	Robert	DATE	9-19-69		
PROJECT	Project	DATE	9-19-69		
APPD	M. Wied	DATE	9-26-69		
SIZE	C	CODE IDENT	71379	DWG NO.	1270675
SCALE: NONE			P2060U206		
			PAGE: 2.57.3		

EDERR 10439 (SR 6006) (SR 6005) II

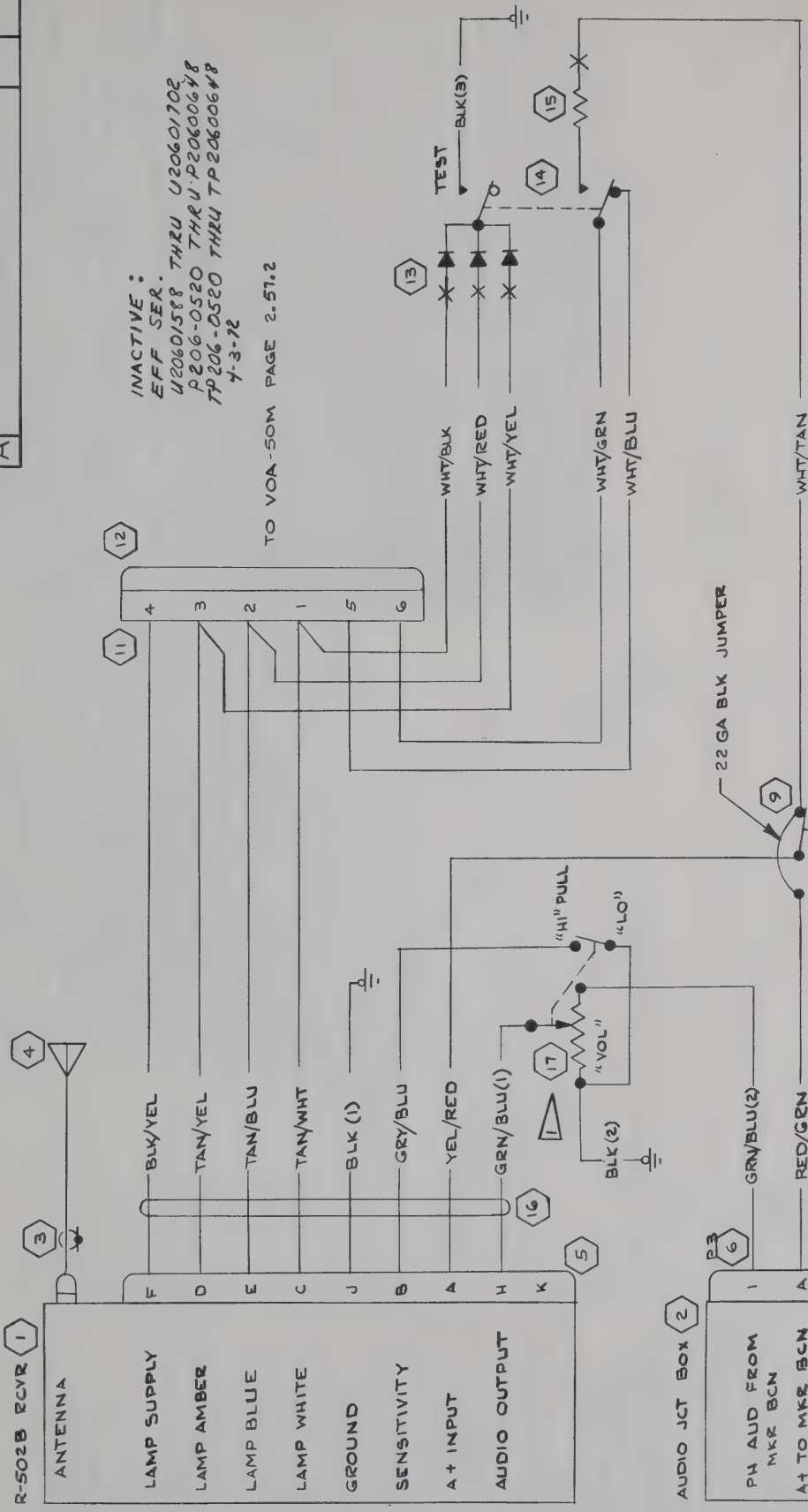
REVISIONS		
LTR	DESCRIPTION	DATE APPROVED



CONTRACT NO:		NAME		DATE	TITLE
DESIGN		VS/PCS	9-24-68	HIRING DIAGRAM - CESSNA	
GROUP		H. W. L.	9-25-68	300 MKR BCN (E-502B) WITH	
DRAWN		DG. PLAIN	9-16-69	VOA-SOM INDICATOR	
CHECK		HARE'S	9-19-69		
STRESS		W. L.	9-20-69		
PROJECT		W. L.	9-20-69		
APPRO		W. L.	9-20-69		
SUPERVISOR		BY: 1-68-3			
SIZE		CODE IDENT.	DWG NO.		
C		71379	1270675		
SCALE: NONE		P2064U206		PAGE: 2.58.2	

ED FFE 10439 (SRG006) (SA 6005) IX

REVISIONS		
LTR	DESCRIPTION	DATE
A	FOR REV SEE PG 2.58.1	



INACTIVE :
EFF SER.
U20601588 THRU U20601702
P206-0520 THRU P20600648
TP206-0520 THRU TP20600648
4-3-72

TO VOA-50M PAGE 2.57.2

CONTRACT NO:		NAME		DATE	TITLE
		H. W. WILCOX		11-25-70	WIRING DIAGRAM-CESSNA
DESIGN		VR SIPS		11-25-70	300 MKR BCN(R-502B) WITH
DRAWN		VR SIPS		11-25-70	VOA-50M INDICATOR
CHECK		K. WHITE		11-25-70	
STRESS					
PROJECT		P. WILCOX		11-25-70	
APPD					
C		71379		SIZE	DWG NO.
					1270675
				SCALE	PAGE: 2.58.3

REVISION	DATE	APPD
DESCRIPTION		
LET		

INACTIVE:
EFF SER:

U20601588 THRU U20601702
P2060520 THRU P2060648
TP206-0520 THRU TP20600648
4-3-72

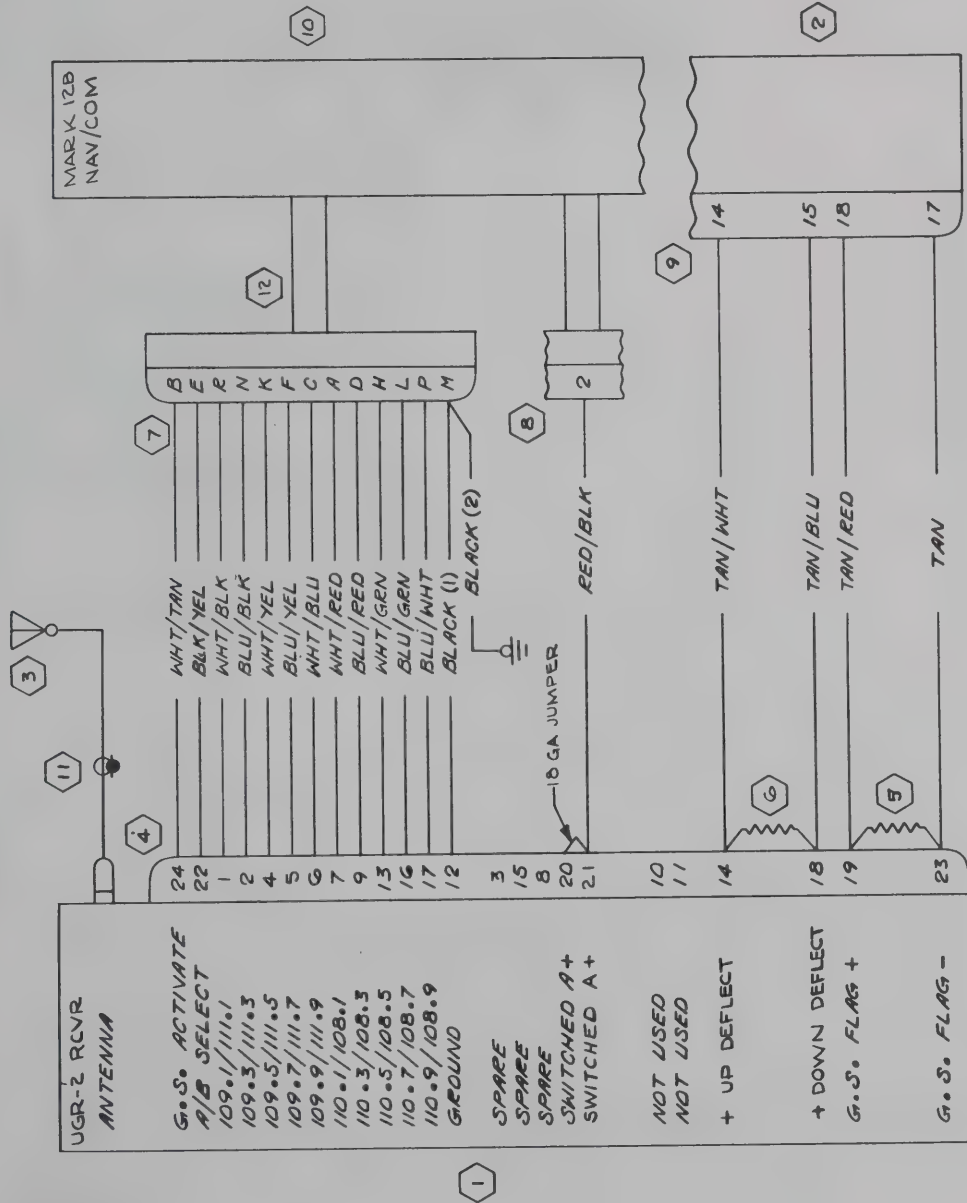
12	MRA-14S	PIGTAIL	2.59.0	BLK (2)	18	-18-0	SOLDER	S-1367-1-8	
11	-217	CABLE ASSY	2.11	RED/BLK	18	-18-2-0	SOLDER		
10	MK-128	NAV/COM UNIT	3.34.0	WHT/TAN	22	-22-9-10			
9	1773-100	COMM KIT ASSY	2.57.0	BLK/YEL	22	-22-0-4			
8	44116-1	CONNECTOR	2.57.0	WHT/BLK	22	-22-9-0			
7	41247-102	CONNECTOR	2.59.0	BLU/BLK	22	-22-6-0			
6	470Q 1/4 W	RESISTOR	2.59.0	WHT/YEL	22	-22-9-4			
5	1KQ 1/4 W	RESISTOR	2.59.0	BLU/YEL	22	-22-6-4			
4	41291-101	CONNECTOR	2.59.0	WHT/BLU	22	-22-9-6			
3	1200098-1	GLIDESLOPE ANTENNA	6.7.1	WHT/RED	22	-22-9-2			
2	VOA-50M	INDICATOR	3.34.0	BLU/RED	22	-22-6-2			
1	UGR-2	RECEIVER	4.19	WHT/GRN	22	-22-9-5			
				BLU/GRN	22	-22-6-5			
				BLU/WHT	22	-22-6-9			
				BLK (1)	22	-22-0			
				TAN/WHT	22	-22-10-9			
				TAN/BLU	22	-22-10-6			
				TAN/RED	22	-22-10-2			
				TAN	22	-22-10			
				WIRE			SOLDER	SOLDER	
				CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO.		NAME		DATE	TITLE		
		V.R. Sipes		9-26-65	Cessna Aircraft Co.		
GROUP		DRAWN		CHECK		STRESS	
12		H. W. 120		HARRIS		HARRIS	
1200098-1		GLIDESLOPE ANTENNA		GLIDESLOPE WITH NARCO		MARK 12B & VOA-50M INDICATOR	
UGR-2		RECEIVER		RECEIVER		RECEIVER	
EQUIPMENT TABLE		PART NO.		DESCRIPTION		PAGE	
CÉS-1000 IS APPLICABLE		SUPERSEDES:		P 2.39.1		P 2.59.1	
VENDOR CODES PER S-1400		CÉS-XXXX=CESNA SPEC. NO.		S-XXX OR CMXXXX=CESNA		STD. NO.	
SIZE		CODE IDENT.		DWG NO.		SCALE	
C		71379		1270675		P206052006 PAGE: 2.59.1	

ED 6 RR 10439 (SR 6006) (SR 6005) IX

REVISIONS		
LTR	DESCRIPTION	DATE

INACTIVE:
 EFF SER.
 U20601588 THRU U20601702
 P2060520 THRU P20600648
 TP2060520 THRU TP20600648
 4-3-72



CONTRACT NO:		NAME		DATE	TITLE
DESIGN		VER. 1		9-26-61	WIRING DIAGRAM - UGR-2
GROUP		H. W. 100		9-26-61	GLIDESLOPE WITH NARCO
DRAWN		D. G. PLAIN		9-16-69	MARK 12B VOA-SOM INDICATOR
CHECK		HARRIS		9-19-69	
STRESS		HARRIS		9-19-69	
PROJECT		Wichita		9-19-69	
APPRO		Wichita		9-19-69	
SUPERSEDES: P2.39.1		SIZE		CODE IDENT.	DWG NO.
		C		71379	1270675
SCALE: NONE		P2060206		PAGE: 2.59.2	

NOTES:

1. 74403 CONNECTOR (12338) IS SUNAIR NUMBER FOR UG88 C/U CONNECTOR (07497)
2. 90873 CONNECTOR (12338) IS SUNAIR NUMBER FOR PL259 CONNECTOR (07497)
3. 74702 CONNECTOR (12338) IS SUNAIR NUMBER FOR UG-536 B/U CONNECTOR (07497)

LET	DESCRIPTION	DATE	APPD
A	BY REV: 99682 WAS PA1010A, 99816 WAS CU1000A, 99680 WAS ASB-125 & PIN NO. "X" WAS "Y"; ADD TYPE NO. RE-1200, CU1104PA1010A ED&RR 10796	J.D.R 11/3/69	11/3/69
B	BY REV: SER OUT 74362; SER IN 75093; ADD DETAIL A ED&RR 10921	ZLY 3-9-70	ZLY 3-9-70

RED	12	-12-Z	5-1347-3-8	SOLDER
WHI/BLK(2)	22	-22-9-0	SEE WHI/BLK(2)	5-1837-1
WHI/BLK(2)	22	-22-9-0	SEE WHI/BLK(2)	SOLDER
WHI/BLK(2)	22	-22-9-0	SOLDER	5-1370-1
YEL/BLK(2)	18	-18-4-0	SEE YEL/BLK(2)	SOLDER
YEL/BLK(2)	18	-18-4-0	SOLDER	5-1370-2
BLK(2)	12	-12-0	5-1347-3-8	SOLDER
BLK(1)	20	-20-0	SOLDER	5-1347-1-8
RED/BLK(2)	18	-18-2-0	5-1863-2	SOLDER
RED/BLK(2)	18	-18-2-0	5-1863-1	SOLDER
RED/BLK(2)	18	-18-2-0	SOLDER	SOLDER
RED/BLK(2)	20	-20-2-5	5-1943-2	SOLDER
RED/BLK(2)	20	-20-2-5	SOLDER	5-1943-1
YEL/BLK(2)	20	-20-4-5	SOLDER	5-1963-2
YEL/BLK(2)	20	-20-4-5	SOLDER	5-1963-1
GRN(2)	20	-20-5	5-1963-2	SOLDER
GRN(1)	20	-20-5	SOLDER	5-1963-1
WHI(2)	20	-20-9	5-1963-2	SOLDER
WHI(1)	20	-20-9	SOLDER	5-1963-1
GRY(2)	18	-18-8	5-1943-2	SOLDER
GRY(1)	18	-18-8	SOLDER	5-1943-1
WIRE CODE NO.	GA	MATERIAL	LG	SERIALS

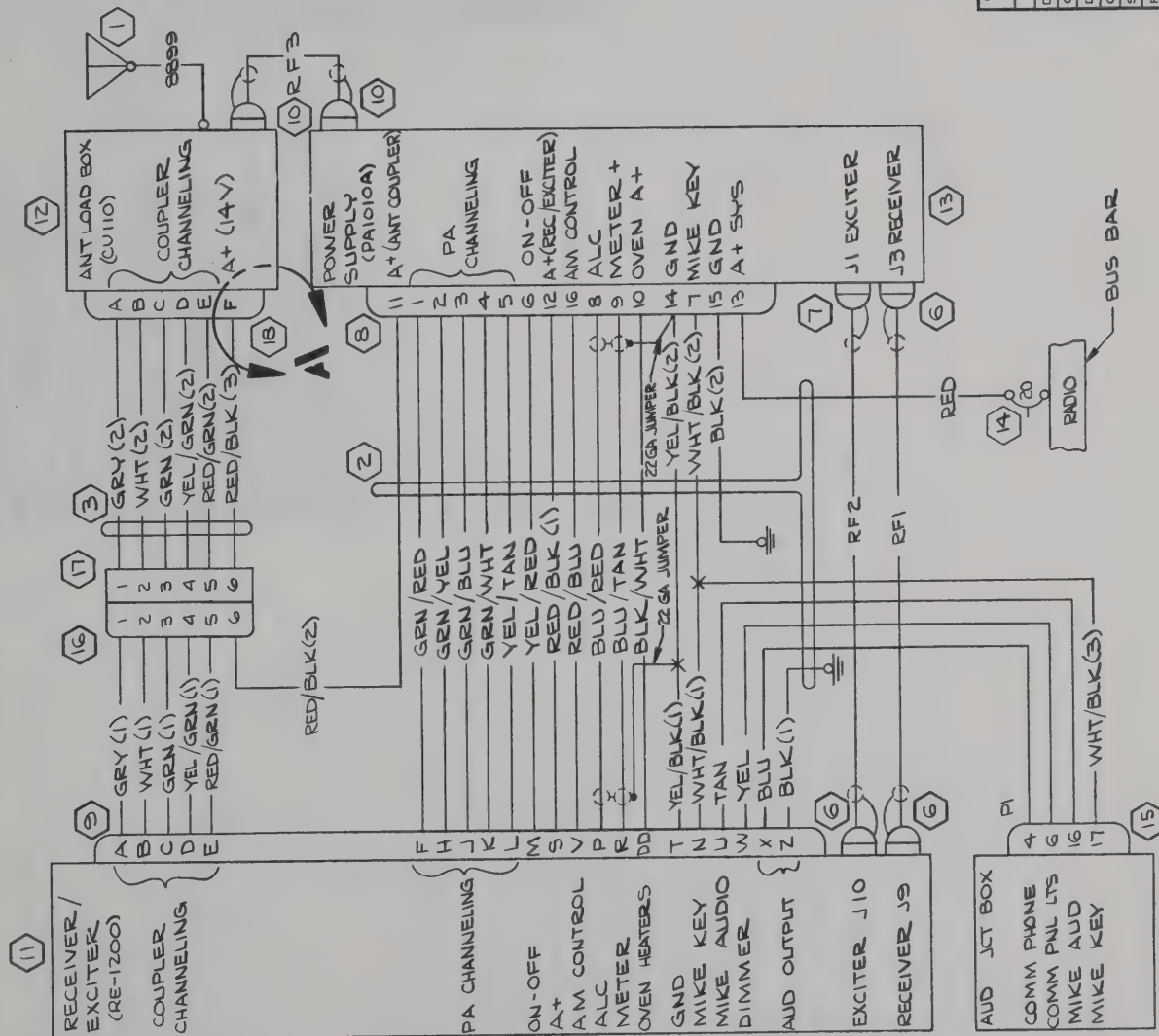
WIRE TABLE				
Cessna® AIRCRAFT CO.				
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS				
TITLE				
WIRING DIAGRAM — SSB (HF) (ASB-125)				
SIZE				
C				
CODE IDENT.				
NO.				
1270675				
DWG NO				
1270675				
SCALE: NONE				
PAGE: 2.60.1				
PAGE: 2.60.1				

ED&RR 10561 & 10136 (SR 6005) (SR 6006) IX

WIRE TABLE		EQUIPMENT TABLE		SUPERSEDES:	
WIRE CODE	GA	MATL	LG	SOLDER	SOLDER
8899	22	-22-6	5-1347-2-40	5-1347-2-10	5-1347-2-10
RF3	18	-18-4	5-1837-1	5-1837-1	5-1837-1
RF2	18	-18-4	5-1837-1	5-1837-1	5-1837-1
RF1	18	-18-4	5-1837-1	5-1837-1	5-1837-1
BLU	22	-22-6	5-1347-2-40	5-1347-2-10	5-1347-2-10
YEL	18	-18-4	5-1837-1	5-1837-1	5-1837-1
TAN	22	-22-10	5-1837-1	5-1837-1	5-1837-1
BLK/WHI	18	-18-0-9	5-1837-1	5-1837-1	5-1837-1
BLU/TAN	22	-22-5-6-10	5-1837-1	5-1837-1	5-1837-1
BLU/RED	22	-22-5-6-2	5-1837-1	5-1837-1	5-1837-1
RED/BLU	18	-18-2-6	5-1837-1	5-1837-1	5-1837-1
YEL/RED	20	-20-4-2	5-1837-1	5-1837-1	5-1837-1
YEL/TAN	20	-20-4-10	5-1837-1	5-1837-1	5-1837-1
GRN/WHI	20	-20-5-9	5-1837-1	5-1837-1	5-1837-1
GRN/BLU	20	-20-5-6	5-1837-1	5-1837-1	5-1837-1
GRN/RED	20	-20-5-4	5-1837-1	5-1837-1	5-1837-1
WIRE CODE	GA	MATL	LG	SOLDER	SOLDER

FORM NO. 80-2158

REVISIONS		
LTR	DESCRIPTION	DATE
B	SEE PAGE 2.60.1 FOR REV	



DETAIL A
THRU SERU206014BS + SERP20600610

CONTRACT NO:		NAME	DATE
DESIGN		G. WOOD	10-10-69
GROUP		H. WOOD	10-9-69
DRAWN		HONORAK	10-3-69
CHECK		HARRIS	10-6-69
STRESS		R.F. GEIDE	10-9-69
PROJECT		10-11-69	
APPRO		10-8-69	
C 71379		DWG NO.	1270675
SCALE: NONE		P206 & U206	PAGE: 2, GO. 2

Cessna AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5900 E. PAWNEE
WICHITA, KANSAS

TITLE
WIRING DIAGRAM -
SSB (HF) (ASB-125)

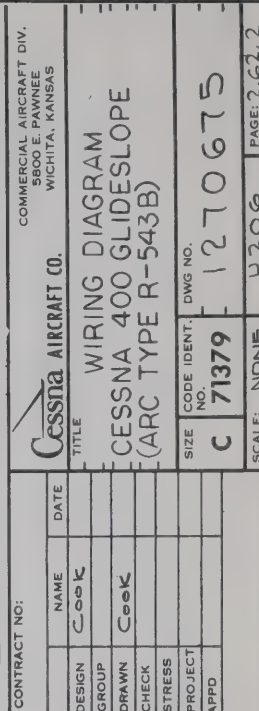
REVISION		
LET	DESCRIPTION	DATE

RED/YEL	22	-22-2-4	5-1635-1	SOLDER
TAN/BLU		-22-10-6	5-1635-1	
TAN/YEL		-22-10-4	5-1635-1	
TAN/RED		-22-10-2	5-1635-1	
BLU/BLK		-22-6-0	5-2099-2	
BLU/RED		-22-6-2		
BLU/YEL		-22-6-4		
BLU/GRN		-22-6-5		
BLU/WHI		-22-6-9		
GRY/BLU		-22-8-6		
GRY/TAN		-22-8-10		
GRY/YEL		-22-8-4		
GRY/BLK		-22-8-0		
BLK/YEL		-22-0-4		
GRY/RED	22	-22-8-2	5-2099-2	
RED	18	-18-2	5-2099-1	
BLK	18	-18-0	5-2099-1	SOLDER
WIRE CODE NO	GA	MATERIAL	LG	TERMINALS
				SERIALS

WIRE TABLE

CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PARKER WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	Cook	5-20-71	WIRING DIAGRAM -		
DRAWN	Cook	5-20-71	CESSNA 400 GLIDESLOPE		
CHECK			(ARC TYPE R-543)		
STRESS					
PROJ					
APPD					
OTHER					
SIZE		CODE IDENT.	DWG NO		
C		71379	1270675		
SCALE: NONE		U206	PAGE: 2-62-1		

14	-2007	CABLE ASSY
13	5-2086-1	ANT COUPLER
12	1270059-1	BALUN STUB
11	1270017-12	ANTENNA-NAV
10	1270801-200	CABLE ASSY
9	-243	CABLE ASSY
8	0570400-2025	CABLE ASSY
7	1270801-252	CABLE ASSY
6	-620	ANTENNA INSTL
5	5-1640-9	HOUSING
4	36440-0000	G/S RECEIVER
3	39380-1014	TRANSMITTER
2	36194	CONNECTOR
1	5-2096-1	BLOCK
	PART NO.	DESCRIPTION
	EQUIPMENT TABLE	
CES-1000 IS APPLICABLE		
VENDOR CODES PER S-1400		
CES-XXXX-CESNA SPEC. NO.		
S-XXX OR CMXXX-CESNA		
STD. NO.		
SUPERSEDED BY:		2-45-1
SUPERSEDED BY:		



NOTES:

1. "PHONE" FUNCTION TO BE ON KEYWAY
SIDE OF SWITCH

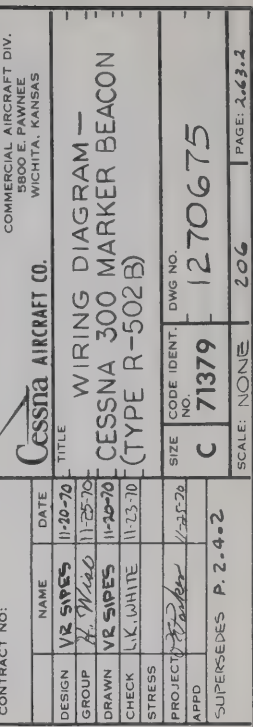
LET	DESCRIPTION	DATE	APPD

15 40 JL3 WATT RESISTOR 14 S-2062-1 CONTROL 13 S-1838-3 HOUSING 12 S-1838-1 HOUSING 11 S-1692-2 SWITCH 10 S-1360-10 CKT 13KR 9 MS25041-10-328 LIGHT ASSY 8 MS25041-4-328 LIGHT ASSY 7 MS25041-1-328 LIGHT ASSY 6 28371-0009 PLUG 5 0770681-12 ANT. ROD ASSY 4 0570084-1 JCT BOX ASSY 3 -2008 CABLE ASSY 2 -246 CABLE ASSY 1 31240-0014 MKR BCN RCVR		BLK/RED(2) 22 -22-O-2 BLK/RED(1) 22 -22-O-2 YEL/RED 20 -20-4-2 TAN/YEL 22 -22-10-4 TAN/WHI 22 -22-10-5 TAN/BLU 22 -22-10-6 RED/GRN 22 -22-2-5 GRY/YEL 22 -22-8-4 GRY/BLU 22 -22-8-6 GRN/BLU(2) 20 -20-5-6 GRN/BLU(1) 20 -20-5-6 BLU/GRN 22 -22-6-5 BLU 22 -22-6 BLK/YEL(3) 22 -22-O-4 BLK/YEL(2) 22 -22-O-4 BLK/YEL(1) 22 -22-O-4 BLK(2) 22 -22-O BLK(1) 22 -22-O WIRE CODE NO GA MATERIAL LG TERMINALS SERIALS
--	--	--

CONTRACT NO: DESIGN VR SIPS 11-20-70 GROUP 21-20-70 DRAWN VR SIPS 11-20-70 CHECK LK WHITE 11-23-70 STRESS PROJ 21-20-70 APPD OTHER		NAME DATE
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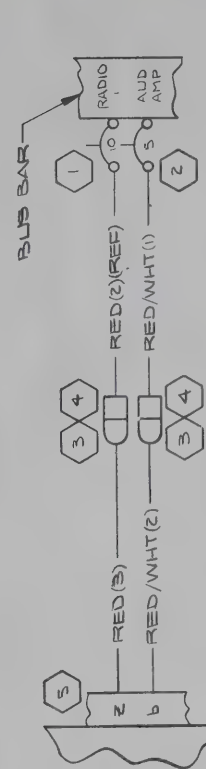
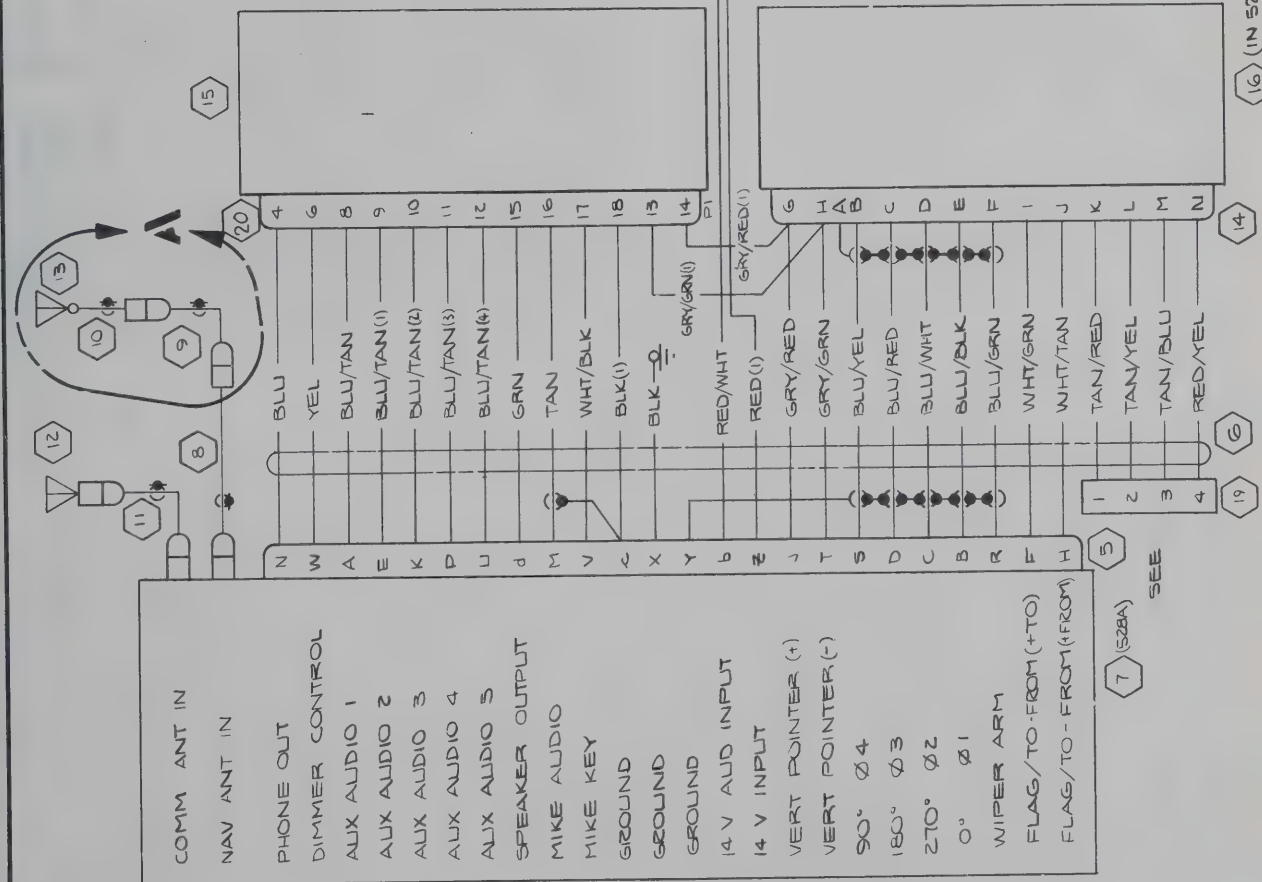
WIRE TABLE CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS TITLE WIRING DIAGRAM - CESSNA 300 MARKER BEACON (TYPE R-502 B) SIZE CODE IDENT DWG NO C 71379 1270675 SCALE: NONE 206 PAGE: 2.63.1	
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EQUIPMENT TABLE PART NO. DESCRIPTION 1 31240-0014 MKR BCN RCVR		SUPERSEDES: P 2.4.2 SUPERSEDED BY:
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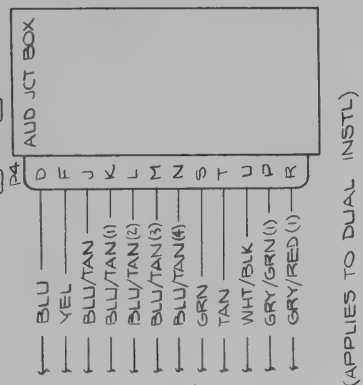


LET		REVISION		DESCRIPTION		DATE		APPRO	

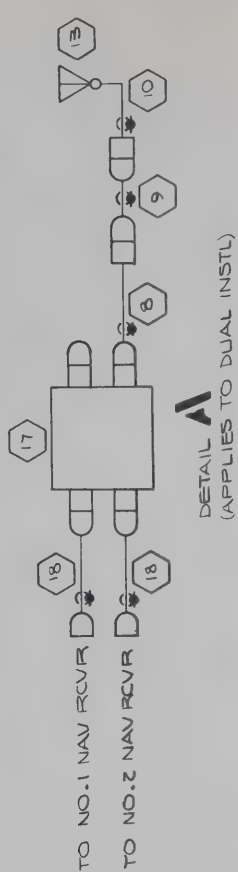
REVISIONS		
LTR	DESCRIPTION	DATE



DETAIL 13
(APPLIES TO DUAL INSTL)



(APPLIES TO DUAL INSTL)



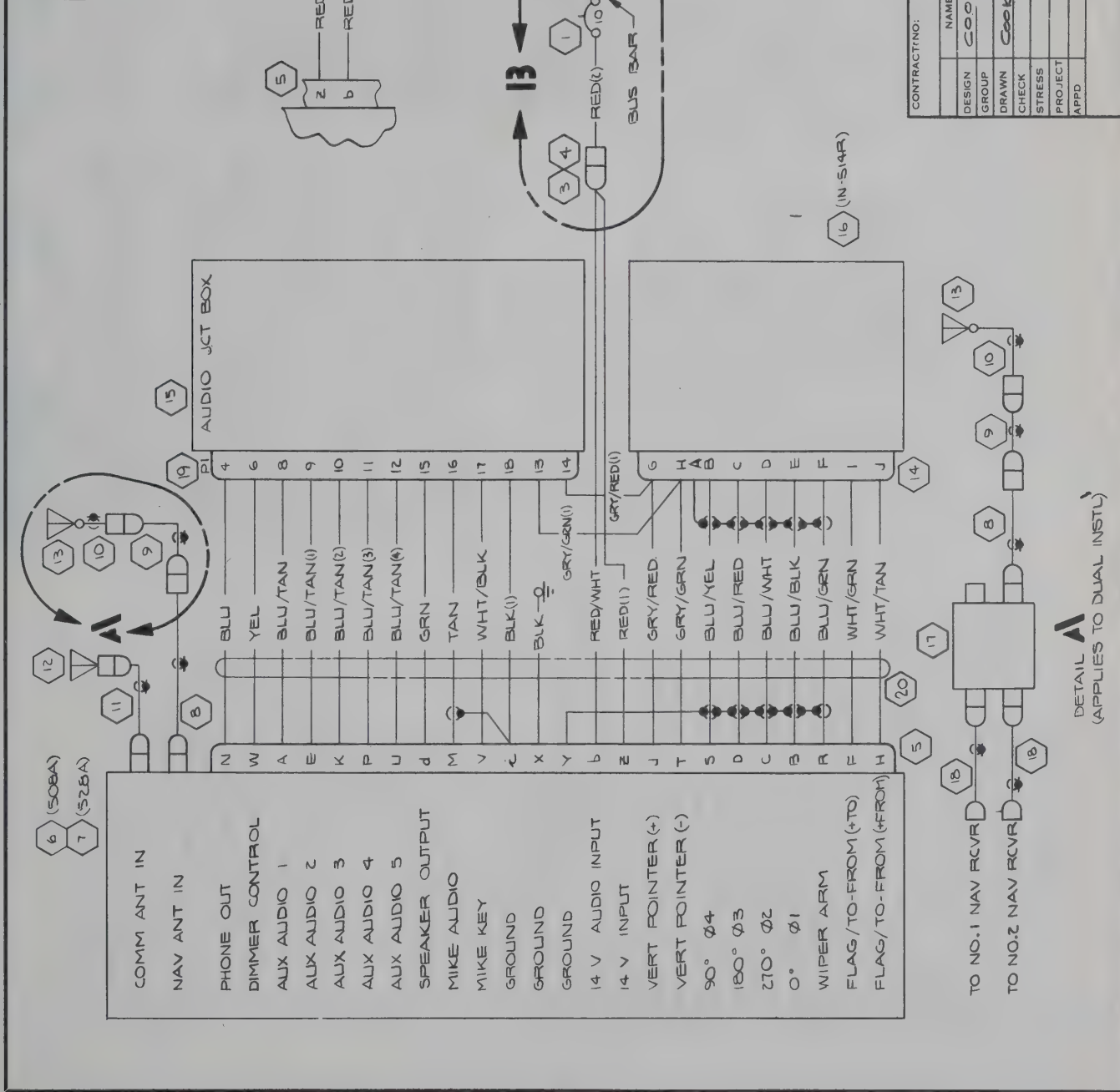
DETAIL A
(APPLIES TO DUAL INSTL)

CONTRACT NO.		NAME		DATE
DESIGN GROUP		COOK		5-20-71
DRAWN		COOK		5-20-71
CHECK				
STRESS				
PROJECT				
APPD				

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. FAIRWAY WICHITA, KANSAS	
TITLE WIRING DIAGRAM - CESSNA 300R NAV/COMM- VOR/ILS (ARC TYPE 528A)			
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270675	
SCALE: NONE		U206	PAGE: 2, 64-2

[illegible]

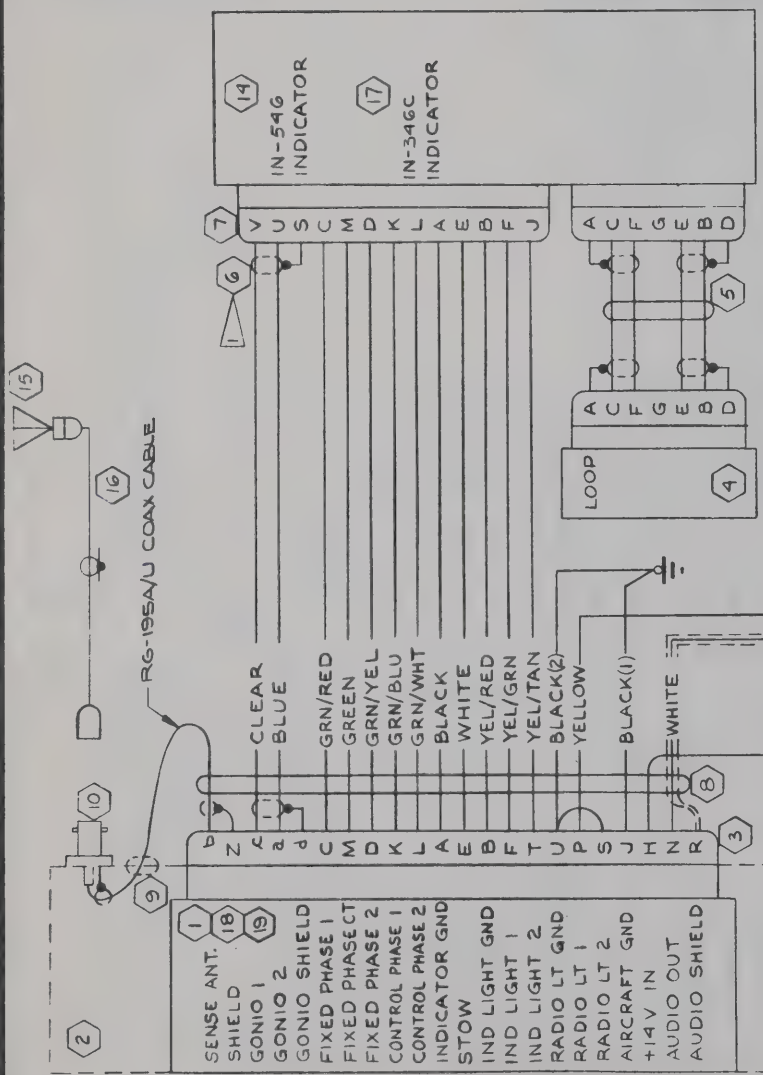
REVISIONS		
LTR	DESCRIPTION	DATE



CONTRACT NO.		NAME	DATE
DESIGN GROUP		COOK	5-20-71
DRAWN		COOK	5-20-71
CHECK			
STRESS			
PROJECT			
APPD			

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM - CESSNA 300R NAV/COMM - VOR (ARC TYPE 508A/528A)	
SIZE	CODE IDENT	DWG NO.	
C	71379	1270675	
SCALE: NONE		U206	PAGE: 264.4

NOTE: 1. THIS CABLE TO BE 4 FEET IN LENGTH.
 2. JUMPERS TO BE 20 GA WIRE.
 3. CENTER CONDUCTOR SOLDERED TO S-2099-4 THEN CRIMPED TO INSERT IN (3)



ITEM NO	DESCRIPTION	PAGE NO.
19	41240-0101 R-546E RECEIVER	3.3.2
18	40950-1001 R-346A RECEIVER	3.29.2
17	41360-1001 IN-346C INDICATOR	3.29.2
16	2070000-256 CABLE ASSY	5.5.1
15	-634 ANTENNA INSTL	6.5.1
14	41250-1001 IN-546 INDICATOR	3.3.2
13	S-1838-3 HOUSING	7.15.0
12	0570084-1 JCT BOX ASSY	3.3.24.3.29.2
11	S-1360-5L CIRCUIT BREAKER	3.3.24.3.29.2
10	S-2140-2 PANEL MOUNT CONN	2.65.0
9	MS35489-4 GROMMET	3.3.24.3.29.2
8	-2019 CABLE ASSY	2.65.0
7	38423-0040 CONN KIT, INDICATOR	2.65.0
6	202-3932-0000 TWO CONDUCTOR CABLE	6.3.1
5	33827-0000 CABLE ASSY, LOOP	6.3.1
4	41000-1001 LOOP ANTENNA	6.3.1
3	S-2096-1 BLOCK	2.65.0
2	40900-0000 M-346A MOUNTING	3.3.24.3.29.2
1	41240-1001 R-546A RECEIVER	3.3.2

EQUIPMENT TABLE

CEX-1000 IS APPLICABLE
 VENDOR CODES PER S-1400
 CEX-XXXX-CESSNA SPEC NO.
 S-XXX OR CHXXXX-CESSNA
 STD. NO.

SUPERSEDED BY:
 P2-55.1 & P2-12

SUPERSEDED BY:

YELLOW	20	-20-4	5-2099-4	5-1837-1
BLACK	20	-20-0	5-2099-4	SOLDER
SHIELD		202-3932-0000	5-2099-3	SOLDER
BLUE		202-3932-0000	3	SOLDER
CLEAR		202-3932-0000	3	SOLDER
RED/GRN	20	-20-2-5	5-2099-4	5-1367-1-6
COAXIAL				
WHITE	205	-20-9	RG-195A/U	8.00
YEL/TAN	20	-20-4-10	5-2099-4	5-1837-1
YEL/GRN	20	-20-4-5		SOLDER
YEL/RED	20	-20-4-2		SOLDER
WHITE	20	-20-9		SOLDER
GRN/WHT	20	-20-5-9		SOLDER
GRN/BLU	20	-20-5-6		SOLDER
GRN/YEL	20	-20-5-4		SOLDER
GRN/RED	20	-20-5-2		SOLDER
GREEN	20	-20-5		SOLDER
BLACK(2)	18	-18-0		(SEE BULK)
BLACK(1)	18	-18-0	5-2099-4	5-1367-2-8
WIRE				
CODE NO	GA	MATERIAL	LG	TERMINALS
				SERIALS

WIRE TABLE

CONTRACT NO:		NAME	DATE
DESIGN		G WOOD	8-4-71
GROUP		H WOOD	9-24-71
DRAWN		G WOOD	9-23-71
CHECK		L K WOOD	9-24-71
STRESS			
PROJ			
APPD			
OTHER			

TITLE	WIRING DIAGRAM -
CESSNA 300 & 400 DIGITAL	
ADF (ARC TYPE R-546A & R-346A)	

SIZE	C
CODE IDENT	71379
DWG NO	1270675
SCALE	NONE
U206	
PAGE: 2-65.1	

NOTES:

1 GRY/RED WIRE IS "DEV-4" CIRCUIT & GRY/GRN WIRE IS "DEV-1" CIRCUIT FOR CONNECTION TO A VOR INDICATOR.

2 CONNECTORS REQUIRED FOR FABRICATING A COMPLETE SET OF INTERCONNECTING CABLES ARE INCLUDED IN ARC CONNECTOR KIT NO. 31682.

3 WING CABLE ASSY AND DIRECTIONAL GYRO CABLE ARE FOR REFERENCE ONLY THESE CABLES ARE IDENTICAL IN LENGTH AND COLOR CODING TO CABLES USED ON NAV-O-MATIC 300 INSTL. 1270449-2 CABLE ASSY REQUIRED ON MODEL 205 & 1270449-6 REQUIRED ON MODEL 206.

4 THE WIRE BETWEEN PIN "T" OF CONTROLLER AND PIN "T" OF COMPUTER IS REQUIRED WHEN C-520B AND CA-520B UNITS ARE USED. WHEN C-520A AND CA-520A UNITS ARE USED THIS WIRE NEED NOT BE USED BUT ITS INCLUSION WILL NOT AFFECT OPERATION.

(SR 4338)

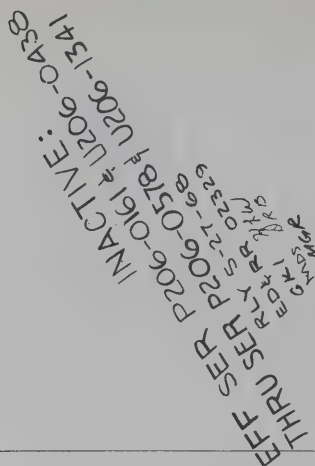
CHG LET	CHG DATE	BY	CHK APPD
A	11/1/61	WJF	WJF
B	5-3-66	MARIO	MARIO
BY REV: SER 206-0578 (1206-1341) WAS SER (SR 5752) ED: R 10590			

WHT	22	S-1460-22-9	SOLDER	SOLDER	0770704
GRN/YEL	20	S-1460-20-5-4	SOLDER	SOLDER	0770704
RED/BLK	18	S-1460-18-2-0			
WHT/RED	22	S-1460-22-9-2			
BLK/BLU	22	S-1460-22-0-6			
WHT/YEL	22	S-1460-22-9-4			
WHT/GRN	22	S-1460-22-9-5			
WHT/BLU	22	S-1460-22-9-6			
RED/BLK	18	S-1460-18-2-0			
WHT/RED	22	S-1460-22-9-2			
WHT/BLU	22	S-1460-22-9-6			
WHT/YEL	22	S-1460-22-9-4			
WHT/GRN	22	S-1460-22-9-5			
TAN/WHI	22	S-1460-22-10-9	SOLDER	SOLDER	0770704
TAN/BLU	22	S-1460-22-10-6			
TAN/YEL	22	S-1460-22-10-4			
TAN/RED	22	S-1460-22-10-2			
YELLOW	18	S-1460-18-4			
RED	16	S-1460-16-2			
WHT/RED	22	S-1460-22-9-2			
BLU/TAN	22	S-1460-22-6-10			
RED/WHI	18	S-1460-18-2-9			
WHT/BLK	22	S-1460-22-9-0			
GRY/GRN	22	S-1460-22-8-5			
BLU/WHI	22	S-1460-22-6-9			
RED/BLK	18	S-1460-18-2-0			
TAN/WHI	22	S-1460-22-10-9			
BLU/GRN	22	S-1460-22-6-5			
TAN/BLU	22	S-1460-22-10-6			
TAN/RED	22	S-1460-22-10-2			
BLU/YEL	22	S-1460-22-6-4			
TAN/YEL	22	S-1460-22-10-4			
BLU/RED	22	S-1460-22-6-2			
BLU/BLK	22	S-1460-22-6-0			
TAN	22	S-1460-22-10			
BLUE	22	S-1460-22-6	SOLDER	SOLDER	0770704
COOLING	GA	MATERIAL	LG	# TERMINALS	N/A

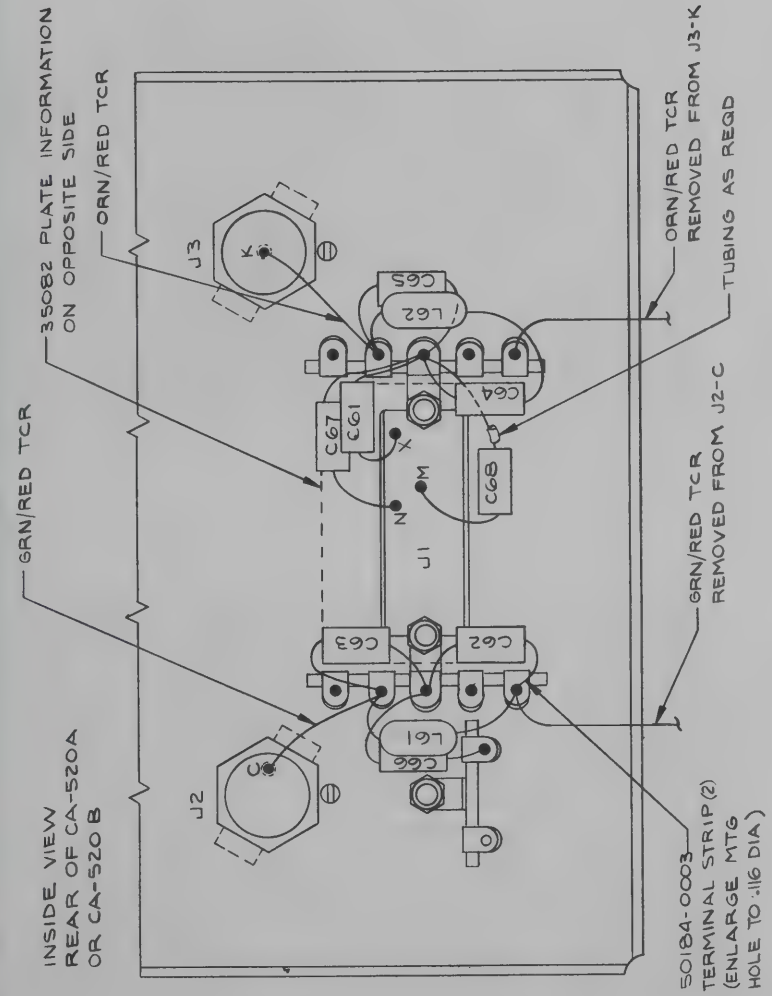
WIRE TABLE

NAME	DATE	TITLE
KIDDER	9-5-63	WIRING DIAGRAM -
ENGINEER	11/1/61	NAV-O-MATIC 400
CHECKED	11/1/61	SYSTEM
PROJ.	11/1/61	(OPT)
REVISIONS	2054206	MODEL
REVISIONS	17.26.2	SCALE
REVISIONS	17.26.0	FORM NO. 80-161

4	24	35910-0014	COMPUTER AMP	(CA-520-B)
4	23	35670-1014	CONTROLLER	(C-520-B)
	21	1270449-4	CABLE ASSY	
	20	1270449-6	CABLE ASSY	
	19	1270461-1	BUS BAR	
	18	RED	WIRE	
	17	S-1360-10	CIRCUIT BREAKER	
	16	R-12-75-RS34	RHEOSTAT (RTA)	
	15	YELLOW	WIRE	
	14	28371-0009	CONNECTOR (ARC)	
	13	28505-0009	CONNECTOR (ARC)	
	12	28326-0009	CONNECTOR (ARC)	
	11	28326-0007	CONNECTOR (ARC)	
	10	28326-0005	CONNECTOR (ARC)	
	9	28371-0005	CONNECTOR (ARC)	
	8	28371-0007	CONNECTOR (ARC)	
	7	31683-0020	CONNECTOR ASSY	(ARC)
	6	30370-0100	DIRECTIONAL GYRO	(ARC-520A)
	5	26360-0000	ROLL ACTUATOR	(ARC-PA-510A)
	4	26360-0000	PITCH ACTUATOR	(ARC-PA-510A)
	3	30475-0000	VERTICAL GYRO	(ARC-6-519A)
	2	30520-0014	COMPUTER (ARC)	(CA-520A)
	1	30510-1014	CONTROL UNIT (ARC)	(C-520A)



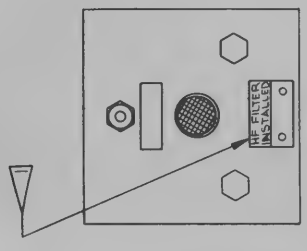
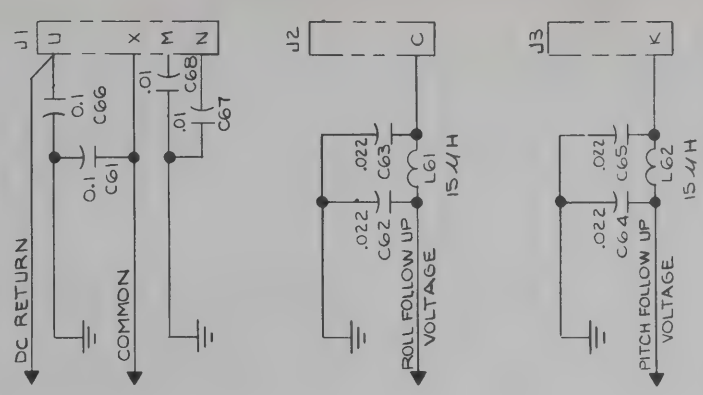
LET	REVISION	DESCRIPTION	DATE	APPD



ITEM NO.	ARC PART NO.	DESCRIPTION	QTY
1	32423-9223	.022 μ F CAPACITOR	4
2	32423-9103	.010 μ F CAPACITOR	2
3	32423-9102	.100 μ F CAPACITOR	2
4	31193-0150	15 μ H CHOKES	2
5	50184-0003	TERMINAL STRIP	2
6	35082	INFORMATION PLATE	1
7	21471-0502 (3')	GREEN/RED WIRE	1
8	21471-0302 (3')	ORANGE/RED WIRE	1
9	8800-0032 (6')	TUBING	1
10	35094	DRAWING	1

- NOTES:
- TO BE MOUNTED WITH EXISTING SCREWS WHEN MODIFICATION HAS BEEN COMPLETED REMOVE NUTS FROM CONNECTOR J1, BACK OUT CONNECTOR, INSTALL INFORMATION PLATE 35082 REPLACE CONNECTOR ON CHASSIS THEN INSTALL TWO TERMINAL STRIPS 50184-0003 AS SHOWN USING CONNECTOR MTG SCREWS, REINSTALL NUTS
 - INSTALL CAPACITORS AND CHOKES AS SHOWN IN WIRING AND SCHEMATIC DIAGRAMS UNSOLDER WIRES FROM J2-C AND J3-K AND RESOLDER TO NEW LOCATIONS AS SHOWN
 - CONTACTING SURFACES BETWEEN COMPUTER AND SHELF MUST BE CLEAN AND FREE OF CONTAMINANTS IN ORDER TO MAKE POSITIVE ELECTRICAL CONTACT

SCHEMATIC DIAGRAM



CONTRACT NO.		NAME	DATE
DESIGN		1 AVX12	6-5-68
GROUP		W. W. 40	6-5-68
DRAWN		YOUNGERS	5-27-68
CHECK		G. IRVIN	6-4-68
STRESS		D. R. BULL	6-6-68
PROJECT		14. PARK	6-16-68
APPD		SWANEY	6-4-68

CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
TITLE		WIRING DIAGRAM -	
NAV-O-MATIC 400 SYSTEM		(OPT)	
CODE IDENT.	DWG NO.	SIZE	NO.
C 71379	1270625	C	71379
SCALE: NONE	206	PAGE: 17.26.5	

EQUIPMENT TABLE

PART NO.	DESCRIPTION
CES-1000	IS APPLICABLE
VENDOR CODES PER S-1400	
CES-XXXX=CESSNA SPEC. NO.	
S-XXX OR CMXXX=CESSNA	
STD. NO.	

REVISION		DATE		APPD	
LET	DESCRIPTION				

NOTES:

- 1 CONNECTORS REQUIRED FOR FABRICATING A COMPLETE SET OF INTERCONNECTING CABLES ARE INCLUDED IN ARC CONNECTOR KIT NO. 31682
- 2 WING CABLE ASSY AND DIRECTIONAL GYRO CABLE ARE FOR REFERENCE ONLY, THESE CABLES ARE IDENTICAL IN LENGTH AND COLOR CODING TO CABLES USED ON NAV-O-MATIC 300 INSTL
- 3 GROUND TO AIRFRAME AS CLOSE TO ACTUATOR UNIT AS POSSIBLE

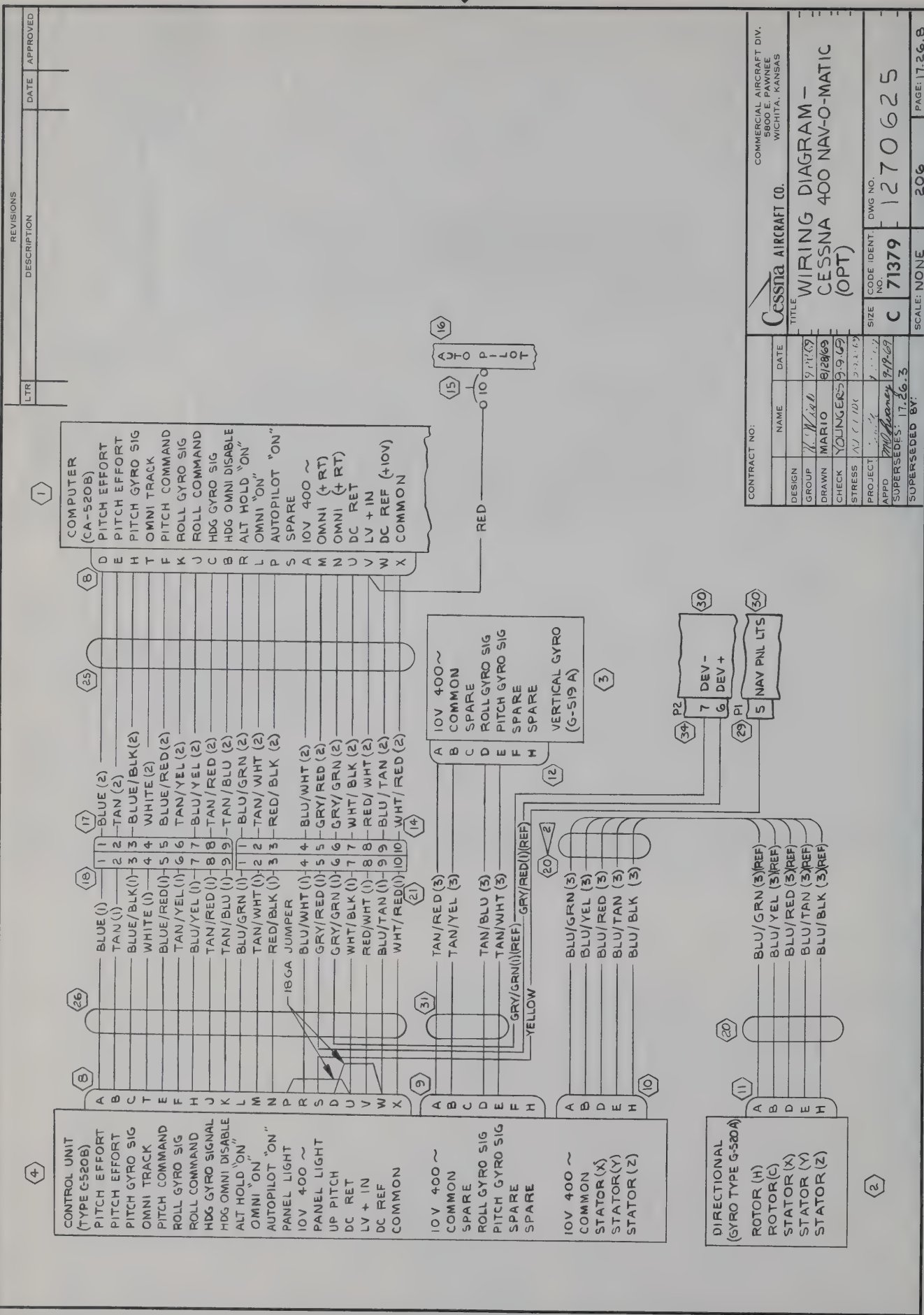
RED/BLK(5)	18	-18-2-0	SOLDER	5-1636-1		25	0770704-23	CABLE ASSY		BLU/YEL(3)	22	-22-6-4	SOLDER	SOLDER
RED/BLK(4)	18	-18-2-0	SOLDER	S-1635-1		24	0770704-21	CABLE ASSY		BLU/YEL(2)	22	-22-6-4	SOLDER	S-1635-1 SOLDER
RED/BLK(3)	18	-18-2-0	SOLDER	S-1636-1		23	S-1641-6	HOUSING-SOCKET		BLU/YEL(1)	22	-22-6-4	SOLDER	S-1636-1
RED/BLK(2)	18	-18-2-0	SOLDER	S-1635-1		22	S-1640-6	HOUSING-PIN		BLU/RED(3)	22	-22-6-2	SOLDER	SOLDER
RED/BLK(1)	18	-18-2-0	SOLDER	S-1636-1		21	S-1641-15	HOUSING-SOCKET		BLU/RED(2)	22	-22-6-2	SOLDER	S-1635-1 SOLDER
RED/WHT(2)	18	-18-2-9	SOLDER	S-1635-1		20	1270449-4	CABLE ASSY		BLU/RED(1)	22	-22-6-2	SOLDER	S-1636-1
RED/WHT(1)	18	-18-2-9	SOLDER	S-1636-1		19	1270449-10	CABLE ASSY		BLU/BLK(2)	22	-22-6-0	SOLDER	S-1635-1 SOLDER
						18	S-1641-9	HOUSING-SOCKET		BLU/BLK(1)	22	-22-6-0	SOLDER	S-1636-1
TAN/WHT(3)	22	-22-10-9	SOLDER	SOLDER		17	S-1640-9	HOUSING-PIN		WHITE(2)	22	-22-9	SOLDER	S-1635-1 SOLDER
TAN/WHT(2)	22	-22-10-9	SOLDER	S-1635-1		16	0713743-1	BUS BAR		WHITE(1)	22	-22-9	SOLDER	S-1636-1
TAN/WHT(1)	22	-22-10-9	SOLDER	S-1636-1		15	S-1360-10	CIRCUIT BREAKER		YELLOW	18	-18-4	SOLDER	S-1637-1
TAN/BLU(3)	22	-22-10-6	SOLDER	SOLDER		14	S-1640-15	HOUSING-PIN		RED	16	-16-2	SOLDER	S-1367-2-6
TAN/BLU(2)	22	-22-10-6	SOLDER	S-1636-1		13	28371-0009	CONNECTOR		TAN(2)	22	-22-10	SOLDER	S-1635-1 SOLDER
TAN/BLU(1)	22	-22-10-2	SOLDER	SOLDER		12	28326-0007	CONNECTOR		TAN(1)	22	-22-10	SOLDER	S-1636-1
TAN/RED(3)	22	-22-10-2	SOLDER	S-1635-1		11	28326-0005	PLUG (00781)		BLACK(2)	22	-22-0	SOLDER	S-1367-1-8
TAN/RED(2)	22	-22-10-2	SOLDER	S-1635-1		10	28371-0005	PLUG (00781)		BLACK(1)	22	-22-0	SOLDER	S-1367-1-8
TAN/RED(1)	22	-22-10-4	SOLDER	S-1636-1		9	28371-0007	CONNECTOR (00781)		BLUE(2)	22	-22-6	SOLDER	S-1635-1 SOLDER
TAN/YEL(3)	22	-22-10-4	SOLDER	SOLDER		8	31683-0020	CONNECTOR (00781)		BLUE(1)	22	-22-6	SOLDER	S-1636-1
TAN/YEL(2)	22	-22-10-4	SOLDER	S-1635-1		7	38423-0001	CONNECTOR (00781)		WIRE				TERMINALS
TAN/YEL(1)	22	-22-10-4	SOLDER	S-1636-1		6	35070-1014	ROLL ACTUATOR		GA				LG
BLK/BLU	22	-22-0-6	SOLDER	SOLDER		5	35070-1014	PITCH ACTUATOR						
BLU/BLK(3)	22	-22-6-0	SOLDER	SOLDER		4	35670-1014	CONTROL UNIT						
BLU/TAN(3)	22	-22-6-10	SOLDER	SOLDER		3	37510-0001	VERTICAL GYRO						
BLU/TAN(2)	22	-22-6-10	SOLDER	S-1635-1		2	30370-0100	DIRECTIONAL GYRO						
BLU/TAN(1)	22	-22-6-10	SOLDER	SOLDER		1	35910-0014	COMPUTER						
BLU/WHT(2)	22	-22-6-9	SOLDER	S-1635-1										
BLU/WHT(1)	22	-22-6-9	SOLDER	S-1636-1										
BLU/GRN(3)	22	-22-6-5	SOLDER	SOLDER										
BLU/GRN(2)	22	-22-6-5	SOLDER	S-1635-1										
BLU/GRN(1)	22	-22-6-5	SOLDER	S-1636-1										
WIRE														
CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS									

WIRE TABLE

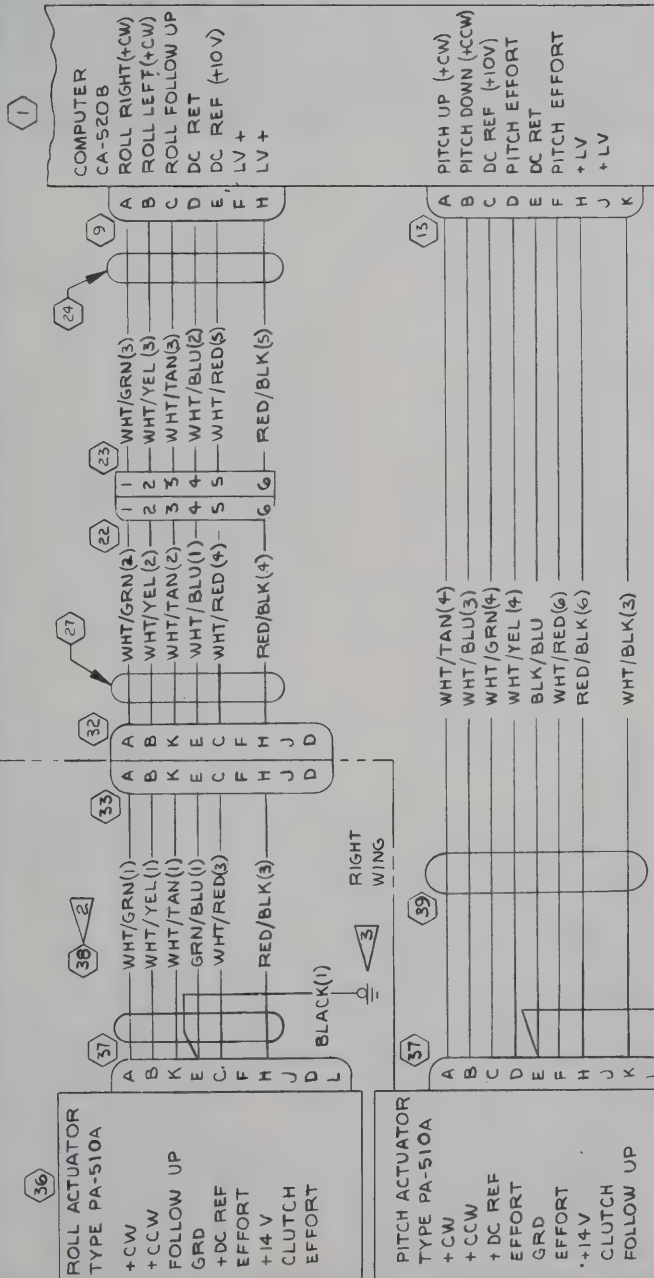
CONTRACT NO.		NAME		DATE	
		MARIO		8/29/69	
DESIGN		YOUNGERS		9/22/69	
GROUP		M.F. 6 F 106		9/22/69	
CHECK		M. J. 6 F 106		9/22/69	
STRESS		M. J. 6 F 106		9/22/69	
PROJ		M. J. 6 F 106		9/22/69	
APPD		M. J. 6 F 106		9/22/69	
OTHER		M. J. 6 F 106		9/22/69	
CODE IDENT		DWG NO		1270625	
SIZE		C		71379	
SCALE: NONE		20G		PAGE: 17.26.6	

COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		Cessna AIRCRAFT CO.		TITLE	
				WIRING DIAGRAM -	
				CESSNA 400 NAV-O-MATIC	
				(OPT)	

ED | RR 10495 SERU206-1342 | SER P206-0579



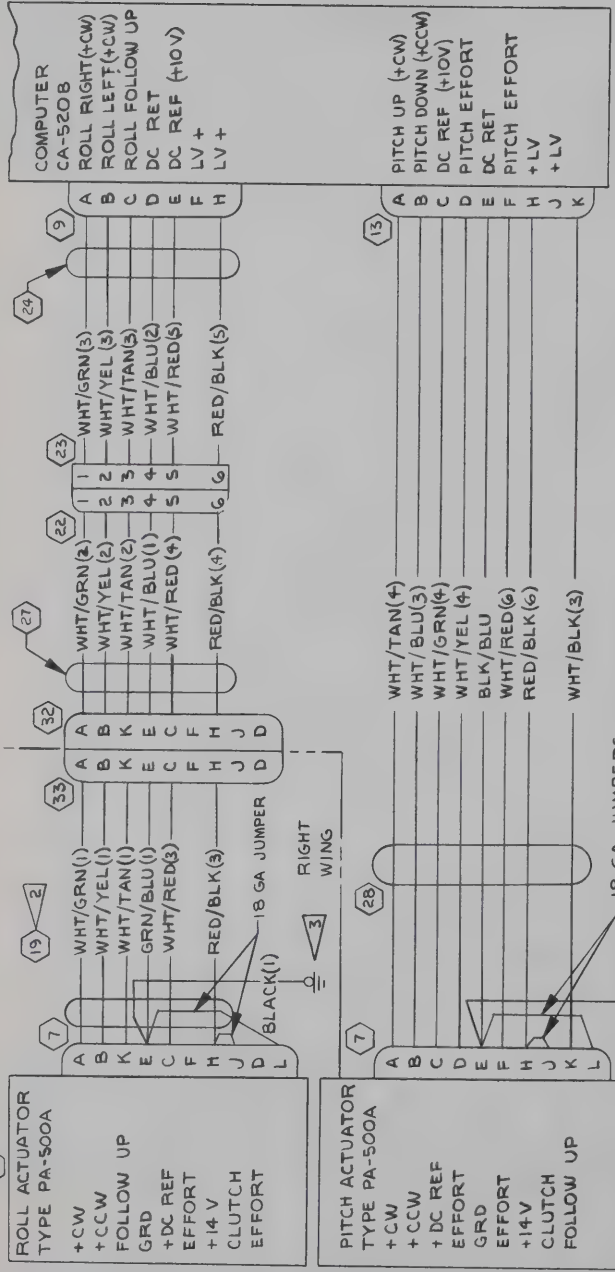
CONTRACT NO:		NAME		DATE	TITLE	
DESIGN GROUP		M. W. J. G. B.		9/17/69	WIRING DIAGRAM -	
DRAWN		MARIO		8/28/69	CESSNA 400 NAV-O-MATIC	
CHECK		YOUNGERS		9/9/69	(OPT)	
STRESS		A. J. C. I. D. C.		9/23/69		
PROJECT		P. J. G. B.		9/17/69	SIZE	
APPRO		P. J. G. B.		9/17/69	NO.	
SUPERSEDED BY:		17.86.3		C 71379		DWG NO.
SCALE:		NONE		206		1270625
ED: R 10495		SER V206-1342		SER P206-0579		PAGE: 1726.8



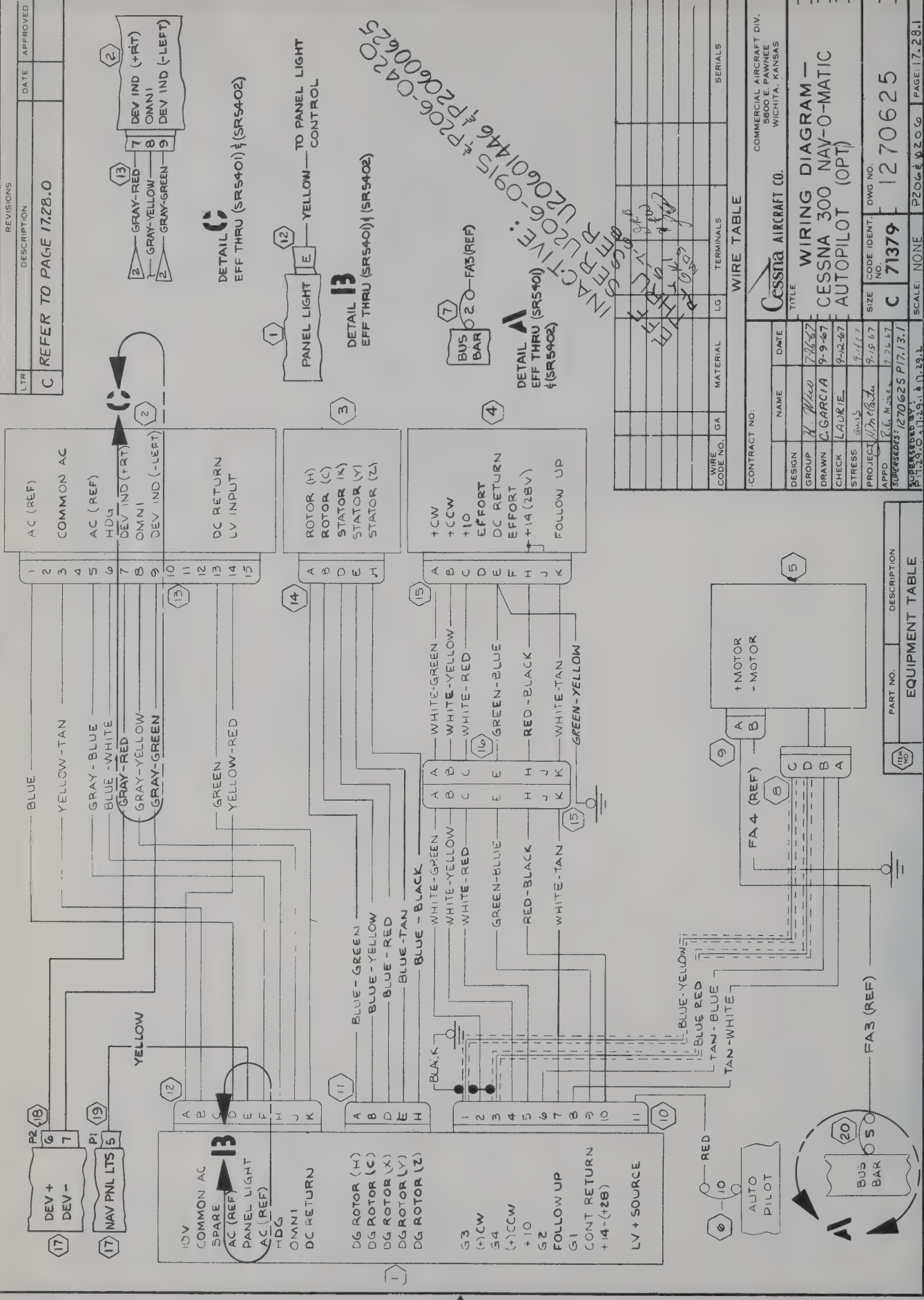
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THRU SER U20601446 SER P20600625
MARIO YOUNGERS
R.F. 66/06
9-12-69

CONTRACT NO.		NAME	DATE	TITLE
DESIGN GROUP		MARIO	8/29/69	WIRING DIAGRAM
DRAWN		YOUNGERS	9-9-69	CESSNA 400 NAV-O-MATIC (OPT)
CHECK		R.F. 66/06	9-12-69	
STRESS				
PROJECT				
APPD				
SUPERSEDES: 17.26.9		SIZE	CODE IDENT.	DWG NO.
		C	71379	1270625
SUPERSEDED BY:		SCALE: NONE	206	PAGE: 17.26.9

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



CONTRACT NO.		NAME	DATE
DESIGN	GROUP	NAME	DATE
		H. WIND	9-22-69
	DRAWN	MARIO	8/7/69
	CHECK	YOUNGERS	9-9-69
	STRESS	W. G. 100	9-22-69
	PROJECT	W. G. 100	9-22-69
	APPD	W. G. 100	9-22-69
	SUPERSEDES	1726.4	
Cessna AIRCRAFT CO.		TITLE	
COMMERCIAL AIRCRAFT DIV.		WIRING DIAGRAM	
5800 E. PAWNEE		CESSNA 400 NAV-O-MATIC	
WICHITA, KANSAS		(OPT)	
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270625	
SCALE	NONE	206	PAGE: 17.26.10



FORM NO 80-215A

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	210 SERIAL 21059062 THRU 21059199		
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2.0.2	Radio Speaker Phone Jack Mike, Light Rheo & Power Circuits	10-13-69	A-Inac
2.0.3	Schematic Diagram-Audio Junction Box, Internal Wiring	10-13-69	A-Inac
2.3.1.4	Cessna 300 Nav/Com (Type 540A, 517R with IN525A, IN514)	10-13-69	NC-Inac
2.3.1.5	Cessna 300 Nav/Com (Type 540A, 517R with IN525A, IN514)	10-13-69	NC-Inac
2.4.2	Wiring Diagram-Cessna Marker Beacon (Type 502B)	10-13-69	C-Inac
2.6.1.1	Wiring Diagram-Audio Selector Switch	10-13-69	A-Inac
2.6.2.1	Wiring Diagram-Omni Audio Transmitter Switch	10-13-69	NC-Inac
2.6.3.1	Wiring Diagram-Transmitter Selector Switch	10-13-69	A-Inac
2.6.8	Wiring Diagram-Typical Switching, Narco Mark 12 & ADF	12-5-68	NC-Inac
2.6.8.1	Wiring Diagram-Typical Switching, Narco Mark 12A & ADF	10-13-69	NC-Inac
2.7.2.1	Cessna 300 Comm (ARC Type 524A)	10-13-69	A-Inac
2.12	Cessna ADF 300 (ARC Type 521B)	10-13-69	B-Inac
2.20.3	Cessna 300 DME	10-13-69	A-Inac
2.25.2	Cable Assy-Narco Mark 12 & 12A	10-13-69	A-Inac
2.25.3	Wiring Diagram-Narco Mark 12A With VOA-6, VOA-8 & VOA-9	10-13-69	NC-Inac
2.25.4	Wiring Diagram-Narco Mark 12A With VOA-6, VOA-8 & VOA-9	10-13-69	NC-Inac
2.35.2	Wiring Diagram-King KA-25C Audio Amplifier	10-13-69	A-Inac
2.38.1	Wiring Diagram-Narco UGR-2 Glideslope with Narco Mark 12A & VOA-9	10-13-69	A-Inac
2.43.1	Wiring Diagram-Cessna 400 Glideslope (ARC Type R543B)	10-13-69	A-Inac

Cessna.

TITLE:

Radio Drawing - Model 210

DRAWING NO.

DATE: 15 April 1972

PAGE: 1 of 2

1270475

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.44.1	Wiring Diagram-Cessna 400 Glideslope (ARC Type R543B)	10-13-69	A-Inac
2.45.3.0	Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	10-13-69	B-Inac
2.45.3.1	Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	10-13-69	A-Inac
2.45.3.2	Cessna 400 Nav/Com (ARC Type RT522A & RT532A)	10-13-69	A-Inac
2.47.0	Pitch Trim, Mike & Map Light Control Wheel	10-13-69	D-Inac
2.48	Wiring Diagram-Pitch Trim & Mike Switch Control Wheel	10-13-69	B-Inac
2.49	Wiring Diagram-Pitch Trim & Map Light Control Wheel	10-13-69	B-Inac
2.50	Wiring Diagram-Mike Key, Control Wheel Mounted	10-13-69	B-Inac
2.51.1	Cessna 400 Transponder (ARC Type 506A)	10-13-69	C-Inac
2.52	Wiring Diagram-Mike Key-Control Wheel	10-13-69	NC-Inac
2.54.1.0	Cessna 300 HF	10-13-69	NC-Inac
2.54.1.1	Cessna 300 HF	10-13-69	NC-Inac
2.54.1.2	Cessna 300 HF	10-13-69	NC-Inac
2.58.0	Wiring Diagram-Cessna 400 ADF (ARC Type 324A)	10-13-69	A-Inac
2.60.1	Cable Assembly-Cessna 300 Transponder	10-13-69	A-Inac
	DRAWING NUMBER 1270405		
17.23	Nav-O-Matic 400 System	6-6-68	A-Inac
17.23.1	Nav-O-Matic 400 System	6-6-68	A-Inac
17.23.1.1	Nav-O-Matic 400 System	6-6-68	NC-Inac
17.25.0	Cessna 300 Nav-O-Matic Autopilot	2-18-69	B-Inac
17.25.1	Cessna 300 Nav-O-Matic Autopilot	2-18-69	B-Inac



TITLE:

Radio Drawing - Model 210

DRAWING NO.

DATE: 15 April 1972

PAGE: 2 of 2

1270475

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

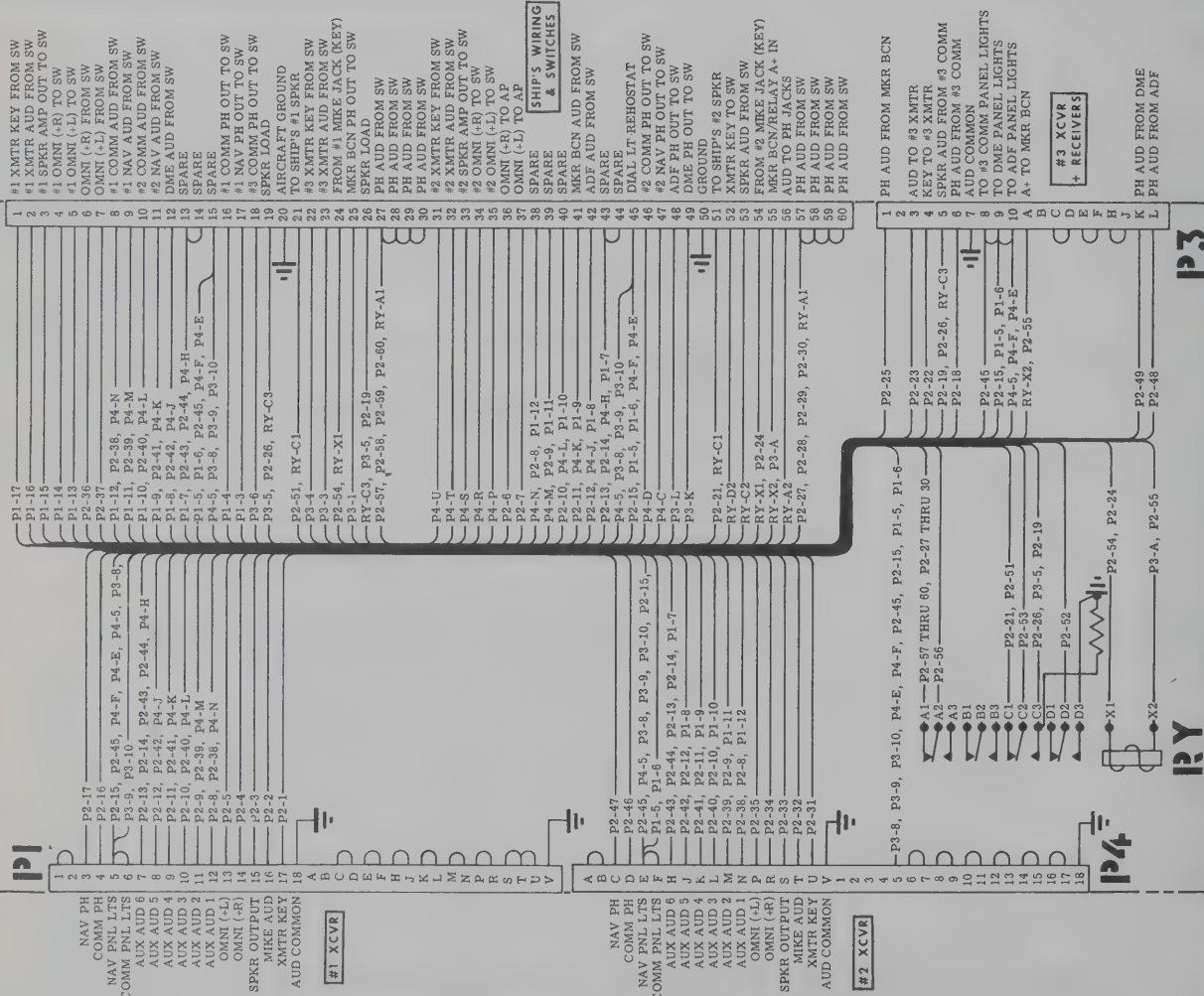
REVISIONS		
LTR	DESCRIPTION	DATE
A	BY REV: 465195-2. WAS 46195-2; ADD NOTE 8	DGP 5-1-69
	EDRR 24170	

CONTRACT NO: Cessna AIRCRAFT CO. 5800 E. PAWNEE WICHITA, KANSAS		DATE: 1-11-69 TITLE: SCHEMATIC DIAGRAM - AUDIO JUNCTION BOX, INTERNAL WIRING
DESIGN GROUP: VRSIPES DRAWN: NUCKOLLS CHECK: HARKINS STRESS: V. G. HARKINS PROJECT: 465195-2 APPROVED: M. J. HARKINS	DATE: 1-11-69 DATE: 2-7-69 DATE: 3-4-69 DATE: 3-5-69	SIZE: C CODE IDENT: 71379 DWG NO: 1270475
SCALE: NONE ED & RR: 10361 SER: 21059062 & ON SER: T210-0393 & ON		PAGE: 2.0.3

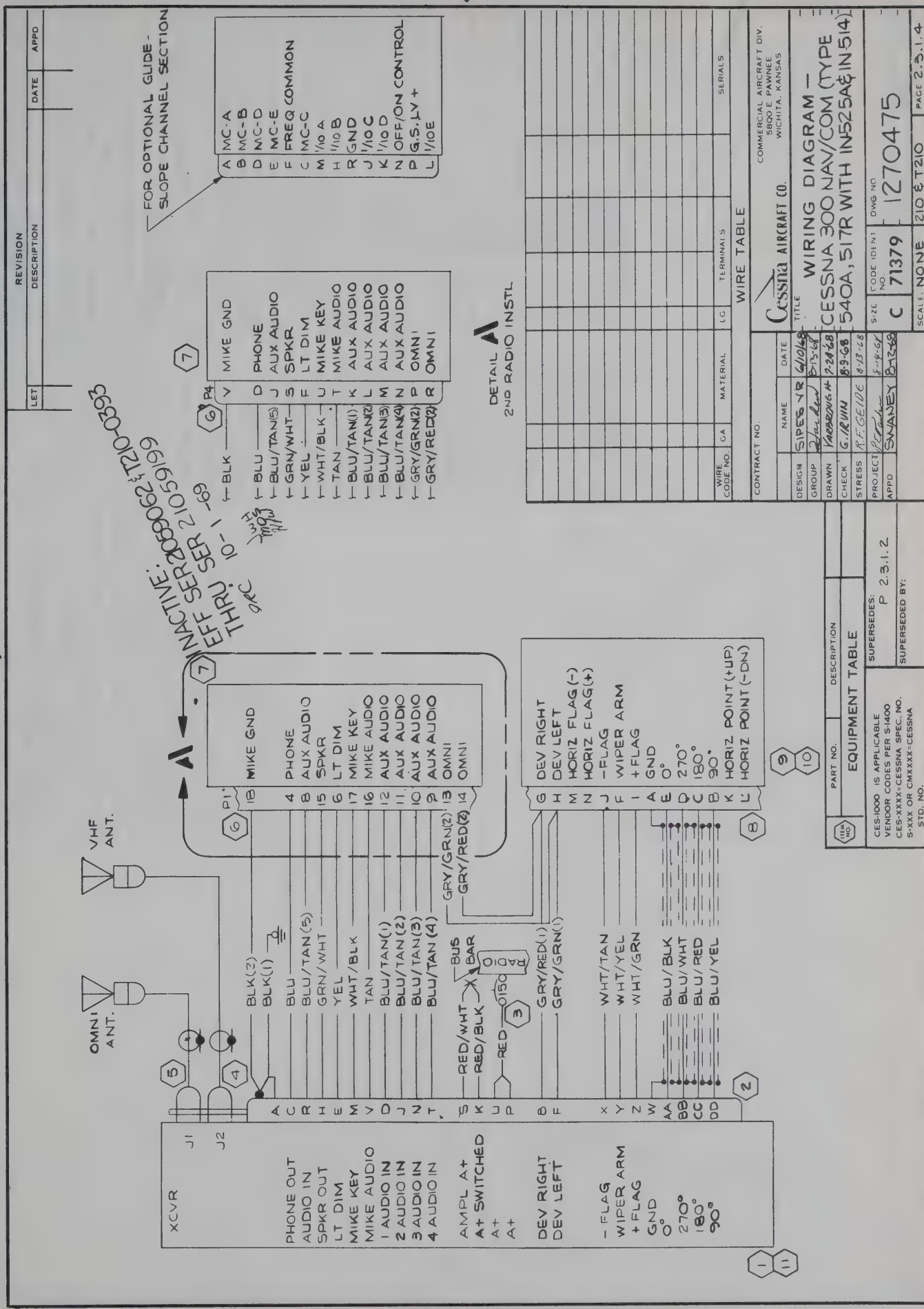
NOTES:

- THIS DRAWING FOR TECHNICAL USE ONLY
- P1 AND P4 MATE WITH S-1838-2 HOUSING (AMP 1-582191-5)
- P2 MATES WITH S-1838-1 HOUSING (AMP 480146-7)
- P3 MATES WITH S-1838-3 HOUSING (AMP 582963-2)
- ALL THE ABOVE HOUSINGS USE S-1837-1 CONTACT PINS (AMP 42717-3LP) AND S-1836-1 KEYING PLUGS (AMP 582501-1)
- CONTACTS CRIMP ON WITH AMP TOOL 90017
- CONTACTS EXTRACT WITH AMP TOOL 465195-2
- IF A CRIMPING TOOL IS NOT AVAILABLE WIRES MAY BE SOLDERED TO PINS IN LIEU OF CRIMPING

INACTIVE: 21059062
 THRU SER 21059199
 10-1-69
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INACTIVE: 21059062
 THRU SER 21059199
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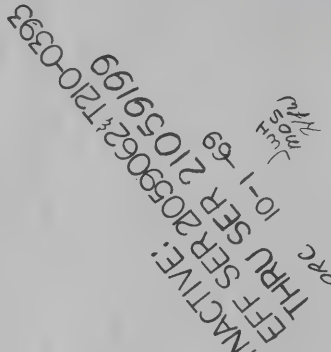


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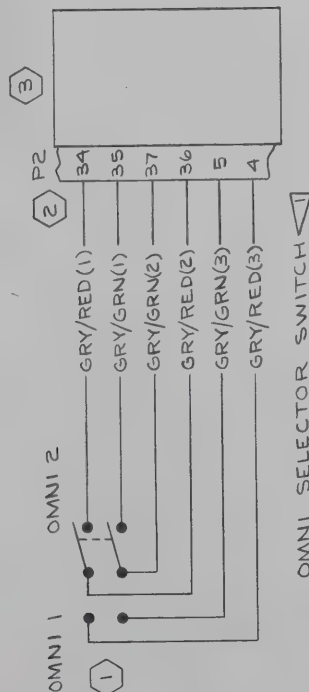
ED 02394 (SR 5403) (SR 5404) IX

SECTION 508

SPKR FUNCTION ON KEY WAY SIDE OF SWITCH.

FORM NO. 80-215A

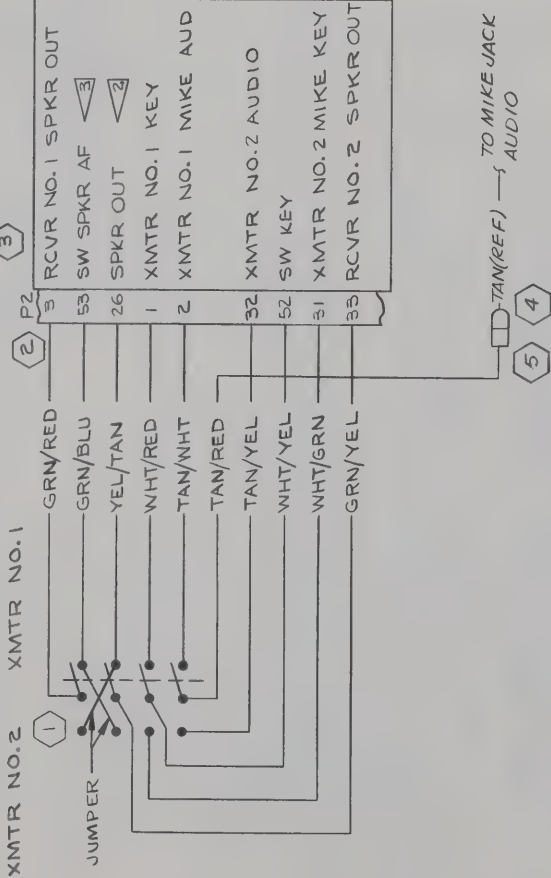
OMNI 2 FUNCTION TO BE ON
KEYWAY SIDE OF SWITCH



INACTIVE: 210590627210-0398
THRU SEP 21059199
10-1-03
MAY 2003

REVISION			
LET	DESCRIPTION	DATE	APPD

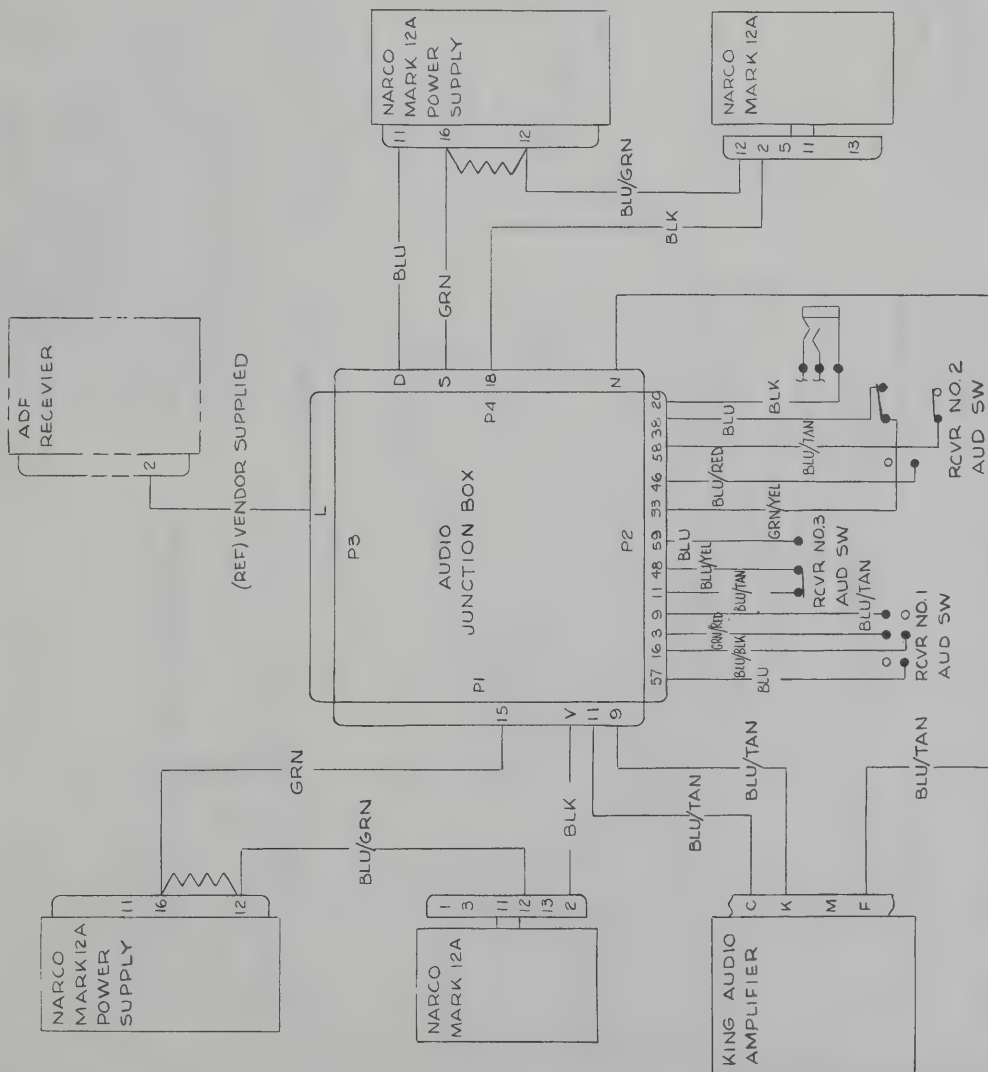
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NOTES:

- TRANSMITTER NO. 1 IS ON KEYWAY
- NO. 26 CONNECTS TO 10Ω RESISTOR ON P.C. BOARD
- NO. 53 CONNECTS TO RELAY WIPER CONTACT THEN TO SHIP SPKR THRU NORMAL CLOSED CONTACT TO 51. WHEN RELAY IS ACTUATED BY MIC KEY CIRCUIT 53 IS CONNECTED TO 10Ω RESISTOR THRU NORMAL OPEN CONTACT.

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GA	MATERIAL	LG	TERMINALS	SERIALS	YEL/TAN 20	20-4-10					WHT/YEL 22	22-9-4					WHT/RED 22	22-9-2					WHT/GRN 22	22-9-5					TAN/YEL 22	22-10-4					TAN/WHT 22	22-10-9					TAN/RED 22	22-10-2					GRN/YEL 20	20-5-4					GRN/RED 20	20-5-2					GRN/BLU 20	20-5-6					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1					WHT/YEL 20	20-5-1					WHT/GRN 20	20-5-1					WHT/RED 20	20-5-1				
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NOTES:

1. ON SINGLE MARK 12 $\frac{1}{2}$ ADF INSTL, AUDIO SW NO.3 WILL NOT BE USED

2. THIS IS A REFERENCE PRINT ONLY

REVISION		DATE	APPD
LET	DESCRIPTION		

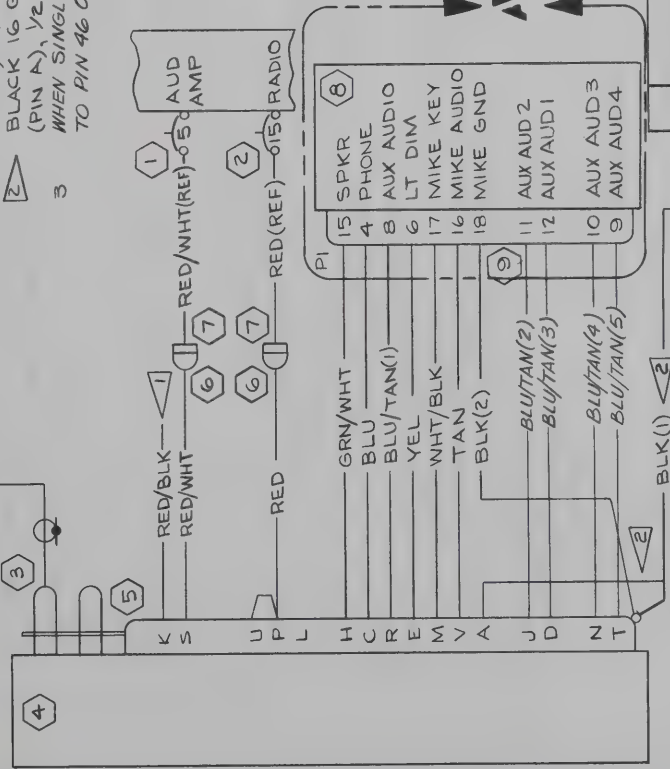
[illegible]

CONTRACT NO:						COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN		NAME		DATE			
GROUP		U.S. Army		6/10/68		TITLE	
DRAWN		D. H. Brown		8-14-68		WIRING DIAGRAM —	
CHECK		E. W. Brown		7-17-68		TYPICAL SWITCHING, NARCO	
STRESS		G. RIVIN		8-9-68		MARK 12 & ADF	
PROJECT		A.E.G. 1171		8-15-68		SIZE	
APPD		S. M. G.				CODE IDENT.	
		SWANNEY		BIZ-68		NO.	
						DWG NO.	
						1270475	
						SCALE: NONE	
						210 & T210	
						PAGE: 2 of 8	

NOTES:

- 1 ON SINGLE CESSNA 300 COMM INSTL, RED/BLK WIRE (PIN K) IS CONNECTED TO RED/WHT WIRE (PIN S) WITH AN S-1370-1 SPLICE, BLUE WIRE (PIN R) IS CONNECTED TO BLU/TAN (PIN R) WITH S-1370-1 SPLICE. WHEN 300 COMM IS INSTL WITH OTHER RADIOS, RED/WHT WIRE CONNECTS TO CKT BKR AS SHOWN, RED/BLK WIRE IS TERMINATED WITH S-1557-1 CAP; BLUE WIRE CONNECTS TO WPR OF SPKR-PHONE SW & BLU/TAN WIRE CONNECTS TO SPKR-TERM OF SPKR-PHONE SW
- 2 BLACK 16 GA WIRE IS HALVED, 1/2 SOLDER TO (PIN A), 1/2 SOLDER TO GND LUG
- 3 WHEN SINGLE XMVR IS INSTALLED PIN 12 IS JUMPED TO PIN 46 OF P2 & PIN 24 JUMPED TO PIN 1 OF P2

VHF ANTENNA



DETAIL

1	BLU/TAN(5)	K	AUX AUX 4
2	BLU/TAN(4)	L	AUX AUX 3
3	GRN/WHT	S	SPKR
4	BLU	D	PHONE
5	BLU/TAN(1)	J	AUX AUDIO
6	YEL	F	LT DIM
7	WHT/BLK	U	MIKE KEY
8	TAN	T	MIKE AUDIO
9	BLK	V	MIKE GND
10	BLU/TAN(2)	M	AUX AUD 2
11	BLU/TAN(3)	N	AUX AUD 1

ITEM NO.	PART NO.	DESCRIPTION	PAGE
1	S-1360-5	CIRCUIT BREAKER	3.2
2	S-1360-15	CIRCUIT BREAKER	3.2
3	29753	CONNECTOR	3.2
4	31390-1514	RCVR/XMTR	3.2
5	29747-0018	CONNECTOR	3.2
6	S-1637-1	HOUSING-CAP	3.2
7	S-1637-2	HOUSING-PLUG	3.2
8	0570084-1	JUNCTION BOX ASSY	3.2
9	S-1838-2	HOUSING	3.2

CE-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.

SUPERSEDED BY: P 2.7.2

LET	REVISION	DATE	APPD
A	BY REV: ADD BLU/TAN(2),(3),(4),(5), PINS 11,9,10,12/P1, MM,L,K/P4 & NOTE 3; BLU/TAN(1) WAS BLU/TAN; DELETE U & ADD J/2974-0018 & PART OF NOTE 1 ED & RR10/55 (SR5403)(SR5404)	FCY 10-7-68	JWH MDS KTC H/W

INACTIVE:
EFF SER 2059062 T210-0393
THRU SER 21059199
10-1-63
KTC
H/W

WIRE	CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/TAN(5)	22	-22-6-10			SOLDER S-1837-1	
BLU/TAN(4)	22	-22-6-10				
BLU/TAN(3)	22	-22-6-10				
BLU/TAN(2)	22	-22-6-10				
YEL	18	-18-4			SOLDER S-1837-1	
WHT/BLK	22	-22-9-0			SOLDER S-1837-1	
TAN	22	-22-10			SOLDER S-1837-1	
RED/WHT	18	-18-2-9			S-1370-1 S-1367-6	
RED/BLK	18	-18-2-0			SOLDER	
RED	16	-16-2			S-1635-1	
GRN/WHT	20	-20-5-9			S-1837-1	
BLU/TAN(1)	22	-22-6-10			S-1837-1	
BLU	22	-22-6			S-1837-1	
BLK(2)	22	-22-0			S-1837-1	
BLK(1)	16	-16-0			SOLDER S-1367-2-8	

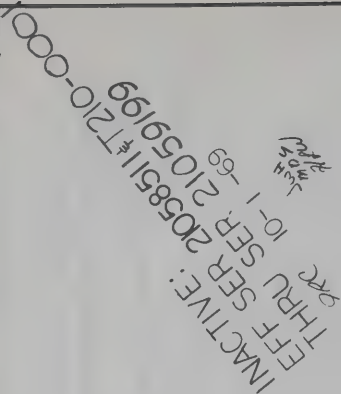
CONTRACT NO:

CESSNA AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM -
CESSNA 300 COMM
(ARC TYPE 524A)

DATE: 10/1/68
DRAWN: C. GARCIA
CHECK: G. RUIN
STRESS: A. J. G. 100
PROJECT: 10-7-68
APPD: SWANLEY 10-12-68

SIZE: C
CODE IDENT: 71379
DWG NO: 1270475
SCALE: NONE
PAGE: 210-2101 (PAGE 2.7.2.1)



DETAIL A
THRU SER 2

[illegible]

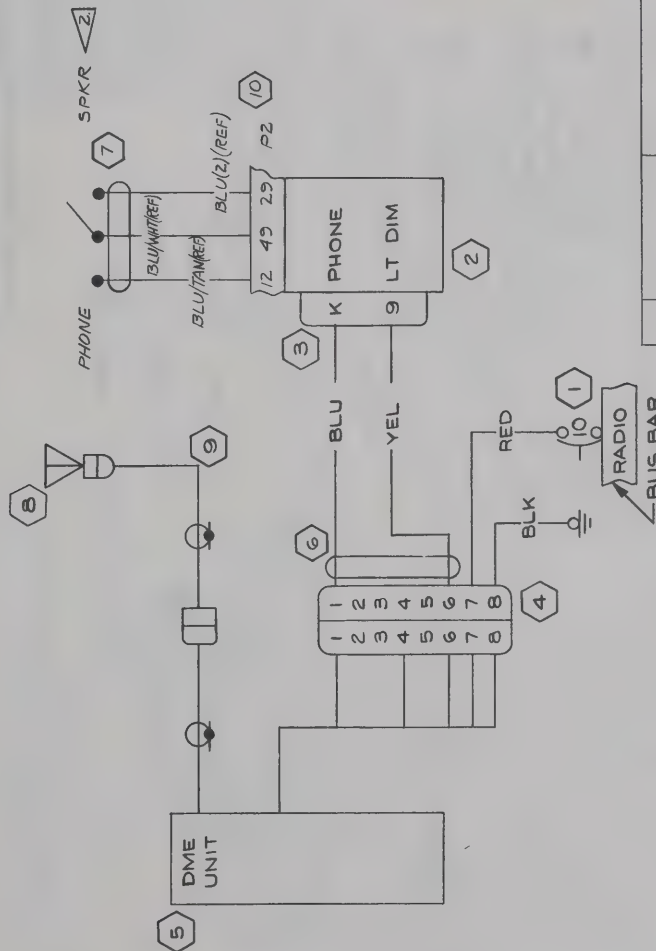
ITEM NO		PART NO	DESCRIPTION	INSTALLED ON
EQUIPMENT TABLE				
10	05700084-1		JUNCTION BOX ASSY	
9	S-1838-3		CONNECTOR	
8	33627		LOOP CABLE (ARC)	
7	A-263		CHOKE (CTAT)	
6	R-124-75-RS34		RHEOSTAT (RTA)	(ARC R-521A-14)
5	28540-0100		RCVR (WITH BFO)	(ARC IN-521B)
4	S-1360-5		CIRCUIT BREAKER	(ARC L-521B-10)
3	32660		INDICATOR (ARC)	(ARC R-521A-15)
2	32680-0000		LOOP (ARC)	
1	28340-0000		RCVR (W/THOUT BFO)	

NOTES:

1. CONNECTIONS SHOWN ARE FOR TOP MOUNTED SENSE & BOTTOM MOUNTED LOOP ANTENNA.
2. ALL WIRES VENDOR FURNISHED WITH RCVR EXCEPT CHOKE BETWEEN PIN 20 & FUSEHOLDER WHICH MUST BE ADDED ON INSTL IN ACFT.

NOTES:

- ITEMS 6, 7 & 9 ARE SUPPLIED AS PART OF KING INSTL KIT NO. 080-1052-00
- SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH



INACTIVE: 21059062 T20-0393
 EFF SER 21059199
 THRU SER 10-1-69
 JWH
 MDS
 JRC

LET	REVISION	DATE	APPD
A	BY REV: DELETE NOTE 1, ADD NOTE 2; S-1838-3 HOUSING WAS S-1838-3 CONNECTOR; C582602-0201 WAS C582602-0101; -236 WAS 030-0020-01 -297 WAS 21-004; -235 WAS 030-24-00; ADD S-1838-1; ADD PINS 12, 49, 29 EDR10395 SER210-0393; SER20-592610N	FEB 3-6-69	JWH MDS JRC

CONTRACT NO:		NAME	DATE
		SIPES YR	6/19/61
		GROUP	2-1-61
		DRAWN	HARRIS
		CHECK	G. IRVIN
		STRESS	K.F. C.E. DE
		PROJECT	1-1-61
		APPD	SWANEY
		DATE	8-12-68
		SIZE	C
		CODE IDENT	71379
		DWG NO.	1270475
		SCALE	NONE
		PAGE	2.20.3

WIRE TABLE

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL 18	-18-4			S-1370-16-1837-1	
RED 16	-16-2			SOLDER S-1370-2	
BLU 22	-22-6			SOLDER S-1370-1	
BLK 16	-16-0			SOLDER S-1370-2-8	

COMMERCIAL AIRCRAFT DIV.
 5800 E. PAWNEE
 WICHITA, KANSAS

CESSNA AIRCRAFT CO.

WIRING DIAGRAM -
 CESSNA 300 DME

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SIPES YR	6/19/61
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2-1-61	8-12-68
DRAWN	DATE
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	CODE IDENT	71379
	DWG NO.	1270475
	SCALE	NONE
	PAGE	2.20.3

DESIGN	DATE
SIPES YR	6/19/61
GROUP	DATE
2-1-61	8-12-68
DRAWN	DATE
HARRIS	8-12-68
CHECK	DATE
G. IRVIN	8-12-68
STRESS	DATE
K.F. C.E. DE	8-12-68
PROJECT	DATE
1-1-61	8-12-68
APPD	DATE
SWANEY	8-12-68

CONTRACT NO:	NAME	DATE
	SIPES YR	6/19/61
	GROUP	2-1-61
	DRAWN	HARRIS
	CHECK	G. IRVIN
	STRESS	K.F. C.E. DE
	PROJECT	1-1-61
	APPD	SWANEY
	DATE	8-12-68
	SIZE	C
	CODE IDENT	71379
	DWG NO.	1270475
	SCALE	NONE
	PAGE	2.20.3

DESIGN	DATE
SIPES YR	6/19/61
GROUP	DATE
2-1-61	8-12-68
DRAWN	DATE
HARRIS	8-12-68
CHECK	DATE
G. IRVIN	8-12-68
STRESS	DATE
K.F. C.E. DE	8-12-68
PROJECT	DATE
1-1-61	8-12-68
APPD	DATE
SWANEY	8-12-68

CONTRACT NO:	NAME	DATE
	SIPES YR	6/19/61
	GROUP	2-1-61
	DRAWN	HARRIS
	CHECK	G. IRVIN
	STRESS	K.F. C.E. DE
	PROJECT	1-1-61
	APPD	SWANEY
	DATE	8-12-68
	SIZE	C
	CODE IDENT	71379
	DWG NO.	1270475
	SCALE	NONE
	PAGE	2.20.3

DESIGN	DATE
SIPES YR	6/19/61
GROUP	DATE
2-1-61	8-12-68
DRAWN	DATE
HARRIS	8-12-68
CHECK	DATE
G. IRVIN	8-12-68
STRESS	DATE
K.F. C.E. DE	8-12-68
PROJECT	DATE
1-1-61	8-12-68
APPD	DATE
SWANEY	8-12-68

STRESS	PROJECT	DATE	SIZE	CODE IDENT.	DWG NO.
	APPD	8-12-68	C	71379	1270475
			SCALE:	NONE	PAGE: 2.20.3
				210 5 T210	

NOTES:

- 1 PLUGS & CAPS ARE PART OF NARCO CONN KIT EL-2052 FOR MK12 OR EL-3077-502 FOR MK 12A (NOT SUPPLIED WITH MK12 OR MK12A INSTL KIT)
- 2 K-41116-1 PLUG (93493) SUPPLIED WITH MK12 OR 12A, MS3106A-20-275 PLUG & MS3057-12 CLAMP ARE SUPPLIED WITH VOA-8 OR VOA-9 INDICATOR

K-41271-1 PLUG (2)
K-41182-2 CAP (2)

250.00

8.00

40.00

230 CABLE ASSY-NARCO MARK 12 & 12A

12V PWR SOURCE

12.0

K-41116-1 PLUG

PI

GRY/RED

GRY/GRN

S-1838-1 HOUSING

231 CABLE ASSY-INDICATOR
NARCO 12 & 12A

S-1838-1 HOUSING (P4)

(APPLIES TO SECOND
INSTL ONLY)

GRY/RED

GRY/GRN

DETAIL B

0570084 JUNCTION BOX ASSY (REF)

S-1838-2 HOUSING (P4)

(APPLIES TO 2ND INSTL ONLY)

P4

ELT DIM

T MIKE AUD

V MIKE GND

U MIKE KEY

D PHONE

S SPKR

K AUX AUD

YEL

TAN

BLK

WHT/BLK

BLU

GRN

BLU/TAN

RED

12V PWR SOURCE

12V PWR SOURCE

S-1838-2 HOUSING (P1)

DETAIL A

INACTIVE:
EFFECTIVE DATE: 210503021200-3393
THRU SER 210503021200-3393

303H
MFG 9/04

LET	REVISION	DESCRIPTION	DATE	APPD
A	BY REV: PIN18/PI WAS PIN V/PI	EGY	JUN 78	MS
	P2 WAS P4	EGY	10-78	MS
	ED 6 RR 10/55 (SR5403)(SR5404) II	EGY	10-78	MS

NO. REQD/NEXT ASSY	EFFECTIVE SERIALS	PAGE	PART NUMBER	DESCRIPTION
1	2.25.4		S-1838-1	HOUSING
1			S-1838-2	HOUSING
2			K-41271-1	PLUG
2			K-41182-2	CAP (93493)
1			K-41116-1	PLUG (93493)
1			MS3057-12	CLAMP
1			MS3106A-20-275	PLUG
			-291	CABLE ASSY
			-290	CABLE ASSY

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. Cessna Aircraft Co. WICHITA, KANSAS	
DECIMALS	FRACTIONS	DESIGN	NAME	DATE	TITLE
.000	1/16	SIPES VR	SIPES VR	6/10/8	CABLE ASSEMBLY-
		GROUP	GROUP	8-14-68	NARCO MARK 12 & 12A
		DRAWN	DRAWN	8-9-68	
		CHECK	CHECK	8-9-68	
		STRESS	STRESS	8-9-68	
		PROJECT	PROJECT	8-9-68	
		APPD	APPD	8-9-68	
SUPERSEDES: P. 2.25.0		CODE IDENT.		SIZE NO. 1270475	
SUPERSEDED BY:		SCALE: NONE		210 & 1210 PAGE: 2.25.2	

NOTES:

- 1 CONN ARE PART OF NARCO CONN KIT EL-3077-502 FOR MARK 12A (NOT SUPPLIED WITH MARK 12A INSTL KIT
- 2 NARCO PLUG NO. K-41116-1 SUPPLIED WITH MARK 12A INSTL KIT
- 3 MS3106A-20-27S PLUG & MS3057-12 CLAMP SUPPLIED WITH VOA-8 OR VOA-9 IND
- 4 THIS JUMPER USED ONLY WHEN DUAL INSTL ARE REQD WITH CESSNA NAV-O-MATIC SYSTEMS

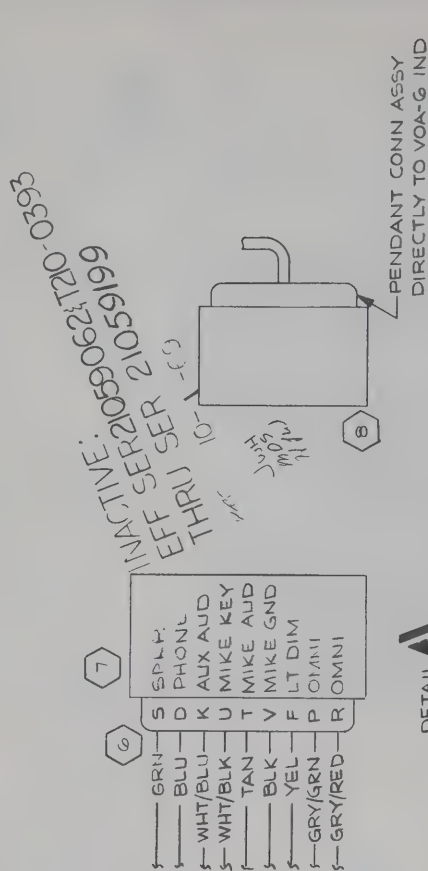
6-3-10
THRU
EFF SEP 2
INACTIVE :
91616555
1210-260802
392020

(M)
7/25/10
JPC

[illegible]

WIRE TABLE

5	TI2MP-12A	PWR-AUD UNIT	93493	CONTRACT NO:	Cessna AIRCRAFT CO.			COMMERCIAL AIRCRAFT DIV. WICHITA, KANSAS
4	V-1360-10	CKT BKR	93493	DESIGN	NAME	DATE	TITLE	WIRING DIAGRAM - NARCO MARK 12A WITH VOA-6, VOA-8 & VOA-9
3	VOA-9	CONVERTOR-IND	93493	GROUP	<i>W. J. S. S.</i>	<i>4/10/68</i>		
2	VOA-8	CONVERTOR-IND	93493	DRAWN	HARRIS	3-14-68		
1	MARK 12A	TRANSCIVER	93493	CHECK	G. RAIN	8-9-68		
				STRESS	<i>W. J. S. S.</i>	<i>8-12-68</i>		
EQUIPMENT TABLE				PROJECT NO. <i>41468</i>				
				DWG NO. <i>1270475</i>				
SUPERSEDES: P 2.25.1				SIZE	CODE IDENT. NO.	SCALE: NONE		
SUPERSEDED BY:				APPD	PAGE: 2.25.3			
CES1000 IS APPLICABLE VENDOR CODES PER S1400 CES-XXX-CESNA SPEC. NO. S-XXX OR CMXXX-CESNA STD. NO.								

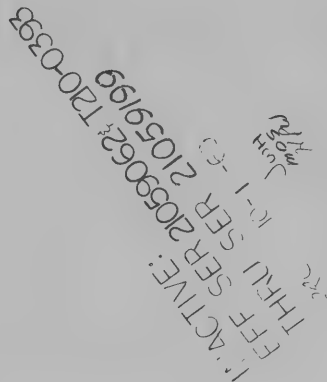


DETAIL A
2ND RADIO INSTL

CONTRACT NO:		WIRE TABLE	
DESIGN	NAME	DATE	TITLE
GROUP	SIPES VR	8-10-68	WIRING DIAGRAM -
DRAWN	Handw	8-14-68	NARCO MARK 12A WITH
CHECK	HARRIS	7-17-68	VOA-6, VOA-8 & VOA-9
STRESS	G. 12VIN	8-9-68	
PROJECT	R. H. G. 10C	8-12-68	
APPO	SMANNEY	8-12-68	
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		Cessna AIRCRAFT CO.	
SCALE: NONE		210 & T210	
SIZE: NONE		PAGE: 2 OF 24	
CODE IDENT. NO.		DWG NO.	
C 71379		1270475	

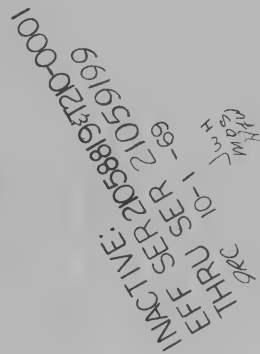
	PART NO.	DESCRIPTION	SUPERSEDES: P 2.25.1 SUPERSEDED BY:
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER 51400 CES-XXXX=CESNA SPEC. NO. S-XXX OR CMXXXX=CESNA STD. NO.			

1. ~~THESE CKT PROVIDE A 4.5 WATT/SPKR LOAD WHEN REQUIRED BY THE RADIO INST.~~
2. ~~CONNECTOR IS FURNISHED WITH KA-25C~~



CONTRACT NO:		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAVINNE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	 WIRING DIAGRAM — KING KA-25C AUDIO AMPLIFIER	DWG NO. 1270475
GROUP	<i>WKS. 3-14-68</i>	<i>3-14-68</i>			
DRAWN	<i>HARRIS</i>	<i>1-22-68</i>			
CHECK	<i>6. IRWIN</i>	<i>8-9-68</i>			
STRESS	<i>A. J. CEJIX</i>	<i>3-13-69</i>			
PROJECT	<i>SWANEY</i>		SIZE	CODE IDENT.	
APPRO			C	71379	
			SCALE:	NONE	210 & 1210
					PAGE: 2352

6	S-1838-1	HOUSING	2.35.3
5	S-1838-2	HOUSING	2.35.3
4	S-1360-5	CKT BKR	7.7.1
3	-242	CABLE ASSY	2.35.3
2	Q30-2002-00	PLUG	2.35.3
1	KA-25C	AUD AMPLIFIER	7.7.1
PART NO.		DESCRIPTION	PAGE
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.			SUPERSEDES: P 2.35.1 SUPERSEDED BY:

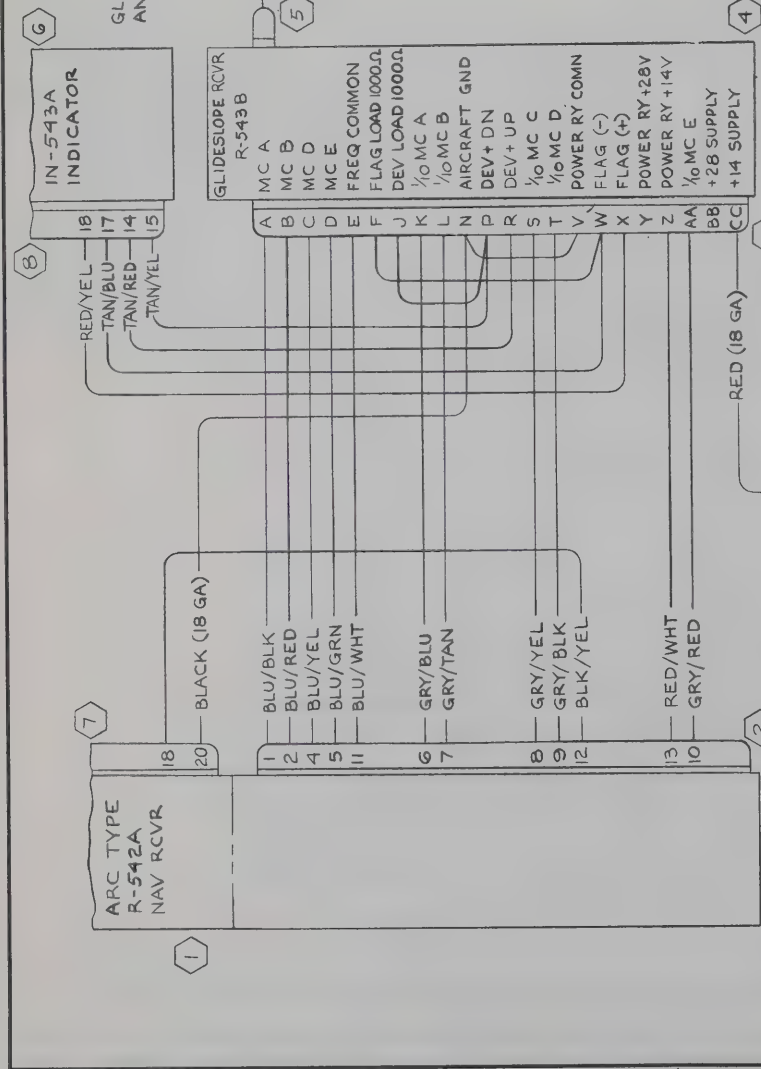
[illegible]

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
9	27826	CONNECTOR	
B	29747-0026	CONNECTOR	
7	11337	CONNECTOR	
6	36440-0000	GLIDESLOPE RCVR	(ARC TYPE RS48B)
5	36194	CONNECTOR KIT	
4	36195	CONNECTOR KIT	
3	36300	CABLE HARNESS KIT	
2	32350	INDICATOR (ARC TYPE IN-525A)	
1	36150-1114	RCVR-XMTR (ARC TYPE RT515R)	

WIRE TABLE				CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS				
DRAWN	NAME	DATE	PRICE	 WIRING DIAGRAM— CESSNA 400 GLIDESLOPE (ARC TYPE R-543B)				
GROUP								
CHECK								
PROJ.								
SUPERSEDED BY:				SUPPLIERS:	MODEL:	210, T210	REV: A	PRICE: 2.43.1

REVIEWS		DATE	APPROVED
LTR	DESCRIPTION		
A	BY REV: R-543B WAS R-543A & TITLE WAS "CESSNA GLIDESLOPE" (ARC TYPE R-543A); 36440-0000 WAS 34340 (ED4RR 00952) (SR5632)	12-7-67	MDS <i>WJW</i> <i>CW</i>

SECRET 10-5853140N
SECRET 10-030840N



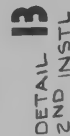
TAN/BLU 22	-22-10-6	SOLDER SOLDER
TAN/YEL 22	-22-10-4	SOLDER SOLDER
TAN/RED 22	-22-10-2	SOLDER SOLDER
GRY/TAN 22	-22-8-10	SOLDER SOLDER
GRY/BLU 22	-22-8-6	
GRY/YEL 22	-22-8-4	
GRY/RED 22	-22-8-2	
GRY/BLK 22	-22-8-0	SOLDER SOLDER
BLU/WHT 22	-22-6-9	SOLDER SOLDER
BLU/GRN 22	-22-6-5	
BLU/YEL 22	-22-6-4	
BLU/RED 22	-22-6-2	
BLU/BLK 22	-22-6-0	
RED/YEL 22	-22-2-4	
RED/WHT	-22-2-9	SOLDER
RED	-18-2	S-1367-18 SOLDER
BLK/YEL 22	-22-0-4	SOLDER SOLDER
BLACK 18	-18-0	SOLDER SOLDER
WIRE CODE NO.	GA	TERMINALS
		LG
		SERIALS

CONTRACT NO.		Cessna AIRCRAFT CO.	
DESIGN	NAME	DATE	TITLE
G	WOOD	1-9-67	WIRING DIAGRAM -
GROUP	W. WOOD	1-31-67	CESSNA 400
DRAWN	G WOOD	1-9-67	GLIDESLOPE
CHECK	YAKS HAW	2-1-67	(ARC TYPE R-543B)
STRESS	ASH ERL	2-2-67	
PROJECT	W. G. I.	2-3-67	
APPD			
SIZE		CODE IDENT.	DWG NO.
C		71379	1270475
SCALE: NONE		PAGE: 2-44.1	

EQUIPMENT TABLE	
PART NO.	DESCRIPTION
8 34294-0425	CONNECTOR
7 35693-0004	CONNECTOR
6 34290	INDICATOR (ARC TYPE IN-513)
5 1137	CONNECTOR
4 36440-0000	G/S RCVR (ARC TYPE-586)
3 36194	CONNECTOR KIT (00781)
2 35548-0225	CONNECTOR (00781)
1 33560	NAV RCVR (ARC TYPE R-512)

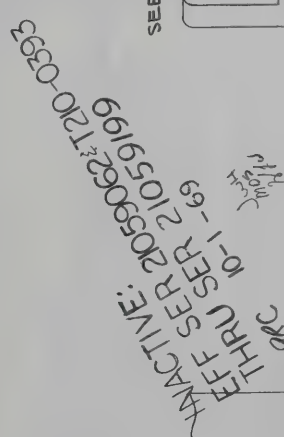


SEE P 2.453.2

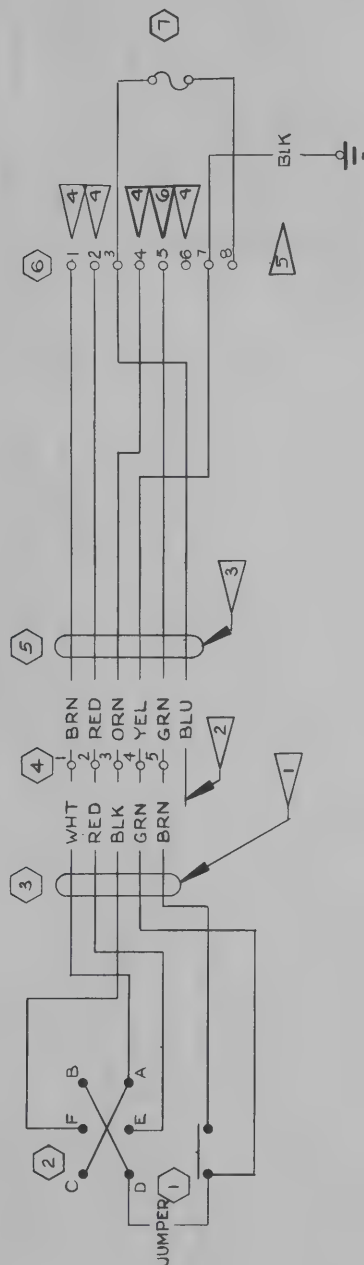
[illegible][illegible]

CONTRACT NO.		WIRE TABLE		CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	WIRING DIAGRAM -			
GROUP	SIPES VR	6/10/68		CESSNA 400 NAV/COM			
DRAWN	John Dow	8-3-68					
CHECK	HARRIS	7/17/68					
STRESS	G. JAU/N	8-9-68					
GROUP	H.F. GEIDE	8-23-68		(ARC TYPE RT 522A & RT 532A)			
PROJECT	4-19-e-1		SIZE	CODE IDENT.	DWG NO.		
APPD	SWANEY	8-2-68	C	NO.	71379	1270475	
SCALE: NONE		210x210		PAGE: 245		3.1	

	PART NO.	DESCRIPTION	SUPERSIDES: SUPERSEDED BY:
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S1400 5-XXXX OR CMAXX, CFSNA STD. NO.			
			P 2.45-2.1



REVISION		DATE	APPD
A	BY REV: ADD SR'S; PAGE 248 WAS 247.1.1. (SR25161) TS	JWH 3/30/67	YAK 2-4-67
B	BY REV: ADD NOTE 6 EDfRR 00184	SRC 9-25-67	RES 2-1-68 AND 8-1-68 PGL 8-1-68
C	BY REV: 305-4304 WAS 26006 EDfRR 01336	RLI 11-20-67	YAK 1-2-68 1-1-68 JWH 1-2-68



INACTIVE: 66-
THRU SER 2105919
SER 2058937

[illegible]

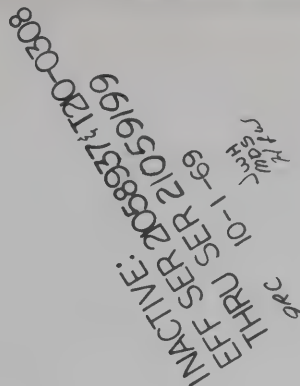
CONTRACT NO:		WIRE TABLE	
DESIGN	NAME	DATE	 Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM — PITCH TRIM & MIKE SWITCH CONTROL WHEEL
GROUP	ACKERSON	6-8-67	
DRAWN	H. Wiese	7-29-67	
CHECK	J. Weselew	7-26-67	
STRESS	WAK SHAW	8-30-67	
PROJECT	AND	8-31-67	
APPD	M. C. L.	8-4-67	SIZE CODE IDENT: DWG NO. NO. C 71379 1270475
SCALE: NONE		210x2710	PAGE: 2,48

7	1570/41-1	FEW ASSY		
6	8-171	TERM BLOCK	(71785)	
5	SF-1030-BX	CABLE	(08261)	
4	5-171	TERM BLOCK	(71785)	
3	8-4-5	CABLE	(70903)	
2	305-4304	SWITCH	(81579)	
1	39-1	SWITCH	(81073)	
PART NO.		DESCRIPTION	VENDOR	
ITEM NO.		EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXX-CESSNA STD. NO.			SUPERSEDES: 12-70475, PG 2, 20 SUPERSEDED BY:	

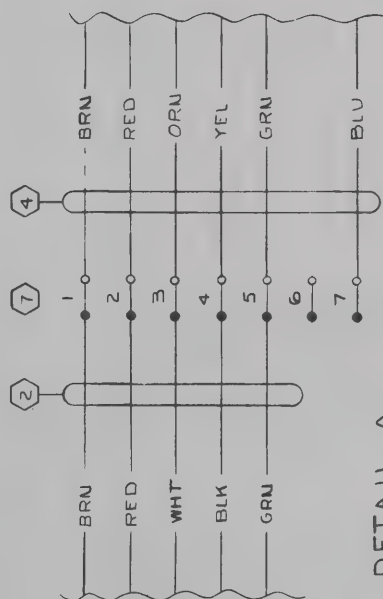
- ① SWITCH END OF ③ WIRES TO BE SOLDERED.
TERM BLOCK END TO BE TERMINATED WITH
320733 TERMINALS (00779)
USED ONLY WITH MAP LITE
- ②
- ③ BOTH ENDS OF ⑤ WIRES TO BE TERMINATED
WITH 320733 TERMINALS (00779)
REFER TO 1270405 PAGE 14.6 FOR
PITCH TRIM MOTOR WIRING DIAGRAM.
- ④ ALL WIRE SHOWN ON THIS PAGE ARE ALSO
SHOWN ON PAGE 2470 REFER TO 2470
FOR WIRE TERMINATION DETAILS.
- ⑤ AMIKE KEYING RELAY IS REQUIRED
WITH 39-1 SWITCH. REFER TO PAGE 247
FOR RELAY & ADDITIONAL CIRCUIT.
- ⑥

INACTIVE: 20589374T210-0308
 THRU SER 2105919
 10-1-03
 21K
 50M
 50M
 8020-0308

Diagram 1: A wiring diagram for a 4-pin connector. The connector has four pins labeled 1, 2, 3, and 4. Pin 1 is connected to a terminal labeled "NC". Pin 2 is connected to a terminal labeled "RED". Pin 3 is connected to a terminal labeled "WHT". Pin 4 is connected to a terminal labeled "ORN". The diagram also shows a 6-pin connector with pins 1 through 6. Pin 1 is connected to a terminal labeled "NC". Pin 2 is connected to a terminal labeled "RED". Pin 3 is connected to a terminal labeled "WHT". Pin 4 is connected to a terminal labeled "ORN". Pin 5 is connected to a terminal labeled "WHT/RED". Pin 6 is connected to a terminal labeled "WHT/RED".



CONTROL WHEEL MOUNTED MIKE KEY W/O MAP LIGHT



DETAIL A

CONTROL WHEEL MOUNTED MIKE KEY WITH MAP LIGHT

NOTE:

1. REFER TO 1270475 PAGE 2.47.0 WHEN MIKE KEYING SWITCH IS COMBINED WITH AN AUTOMATIC PITCH TRIM SYSTEM
2. S-171 TERMINAL BLOCK IS REPLACED BY 1570142-2 CIRCUIT BOARD WHEN MAP LIGHT IS INSTALLED.

3 PART NO. 15 329636, VENDOR CODE 15 00779.

8	S-1102-I	JACK	
7	1570142-2	CIRCUIT BOARD ASSY	
6	0770114-1	TERM BLOCK ASSY	
5	B-171	TERM BLOCK	(71785)
4	SF-1030-BX	CABLE	(08261)
3	S-171	TERM BLOCK	(71785)
2	B445	CABLE	(70905)
1	A B002	SWITCH	HETH
PART NO.		DESCRIPTION	VENDOR'S
ITEM NO.		EQUIPMENT TABLE	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXX=CESSNA STD. NO.		SUPERSEDES: 1270475 PG 2.20 SUPERSEDED BY:	

WIRE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/RED 22		-22-g-2		51367-1-B $\triangle$ 3	
WHT/BLK 22		-22-g-0		51367-1-B $\triangle$ 3 SOLDER	
ELK 22		-22-0		51367-1-B $\triangle$ 3	
WIRE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO:			WIRE TABLE		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE					
GROUP	W W Low	7-3-47	WIRING DIAGRAM -					
DRAWN	J W DELO	7-31-47	MIKE KEY, CONTROL					
CHECK	W YAKESHAU	8-30-47	WHEEL MOUNTED					
STRESS	Quarab	8-31-47						
PROJECT	W E Quisenberry	8-9-47						
APPRO								
SIZE			CODE IDENT.	DWG NO.				
C			71379	1270475				
SCALE: NONE			21047216		PAGE: 250			

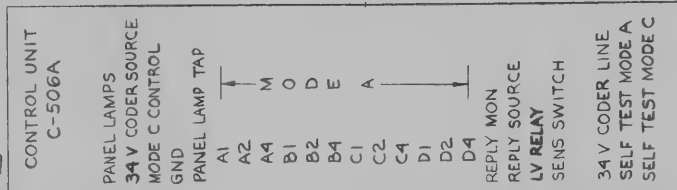
SER 21058937 40N
SER 21058937 40N

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: ADD CABLE; DELETE WHT WIRE. ED4RR 01352	JWH 1-4-68	RLY 1-4-68
B	BY REV: -278 WAS -259 IN EQUIPMENT TABLE ED4RR 01361 SER 21058937/21058938	RLY 1-4-68	RLY 1-4-68
C	BY REV: 37451-0002 WAS 37451 & 37449-0002 WAS 37449 ED4RR 01992	RLY 4-11-68	RLY 4-11-68

INACTIVE:
EFF SER 2058937/21058937
THRU SER 21059199
10-1-69

QRC



RECEIVER-TRANSMITTER
RT-506A

+14V SOURCE
+28V SOURCE
GND
LV GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

REPLY MON
REPLY SOURCE
LV RELAY

34V CODER LINE
SELF TEST MODE A
SELF TEST MODE C
+HV CURRENT MON

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

A1
A2
A4
B1
B2
B4
C1
C2
C4
D1
D2
D4

SENS SWITCH
34V CODER SOURCE
-HV CURRENT MON
GND

CONTRACT NO.	NAME	DATE	TITLE
11337	G WOOD	11-20-67	WIRING DIAGRAM -
28776	H WOOD	10-3-67	CESSNA 400 TRANSPONDER
5-1360-5	G WOOD	10-3-67	(ARC TYPE 506A)
37451-0002	LAURIE	11-14-67	
37449-0002	LAURIE	11-14-67	
34970-0000	LAURIE	11-14-67	
34960-1000	LAURIE	11-14-67	
34950-0014	LAURIE	11-14-67	

SUPPRESSOR CABLE ROUTES WITH CABLE TO
CONTROL PANEL. CENTER CONDUCTOR CONNECTS
TO PIN 4 OF 300 DME CABLE & SHIELD CONNECTS TO
PIN 8. CENTER CONDUCTOR TERMINATED WITH END
CAP WHEN NOT USED.

CABLE	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
TAN/WHI 22	-22-10-9		UG-88C/U			
TAN/BLU 22	-22-10-6		SOLDER			
TAN/RED 22	-22-10-2					
TAN 22	-22-10					
WHT/BLU 22	-22-9-6					
WHT/GRN 22	-22-9-5					
WHT/YEL 22	-22-9-4					
WHT/RED 22	-22-9-2					
GRY/TAN 22	-22-8-10					
GRY/BLU 22	-22-8-6					
GRY/GRN 22	-22-8-5					
GRY/YEL 22	-22-8-4					
GRY/RED 22	-22-8-2					
GRY/BLK 22	-22-8-0					
BLU/TAN 22	-22-6-10					
BLU/WHI 22	-22-6-9					
WHITE 20	S-146120-9					
BLU/BLK 22	-22-6-0					
YEL/GRN 20	-20-4-5					
GREEN 20	-20-5					
YELLOW 20	-20-4					
RED 18	-18-2					
BLACK 18	-18-0					
BLACK 22	-22-0					

WIRE TABLE

CONTRACT NO.

NAME

DATE

TITLE

DESIGN

GROUP

DRAWN

CONTRACT NO.	NAME	DATE	TITLE
11337	G WOOD	11-20-67	WIRING DIAGRAM -
28776	H WOOD	10-3-67	CESSNA 400 TRANSPONDER
5-1360-5	G WOOD	10-3-67	(ARC TYPE 506A)
37451-0002	LAURIE	11-14-67	
37449-0002	LAURIE	11-14-67	
34970-0000	LAURIE	11-14-67	
34960-1000	LAURIE	11-14-67	
34950-0014	LAURIE	11-14-67	

EQUIPMENT TABLE

PART NO.

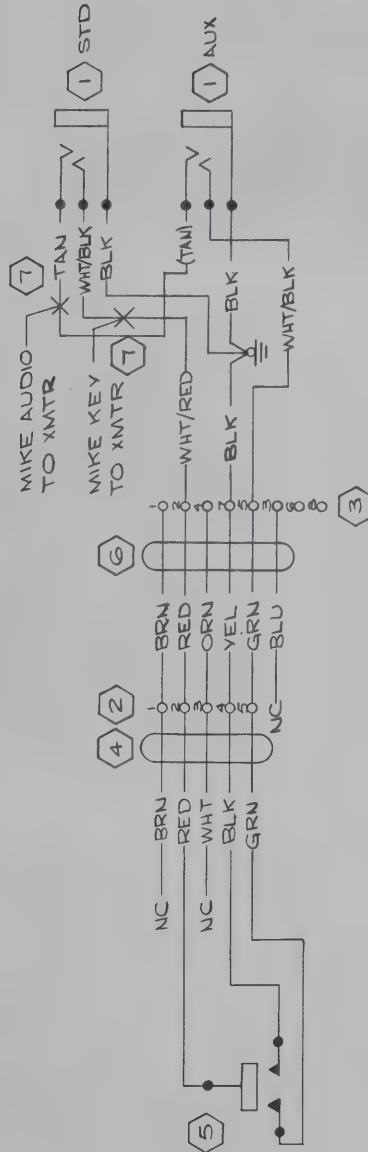
DESCRIPTION

REVISION

SCALE: 2.5:1

FORM NO. 80215

1. THIS PAGE TO BE USED WHEN TERMINAL BOARD IS NOT INSTALLED.



INACTIVE: 20689371210-0308
EFF SER 2105919
THRU SER 10-1-69
JAN 1969
JAN 1969

[illegible]

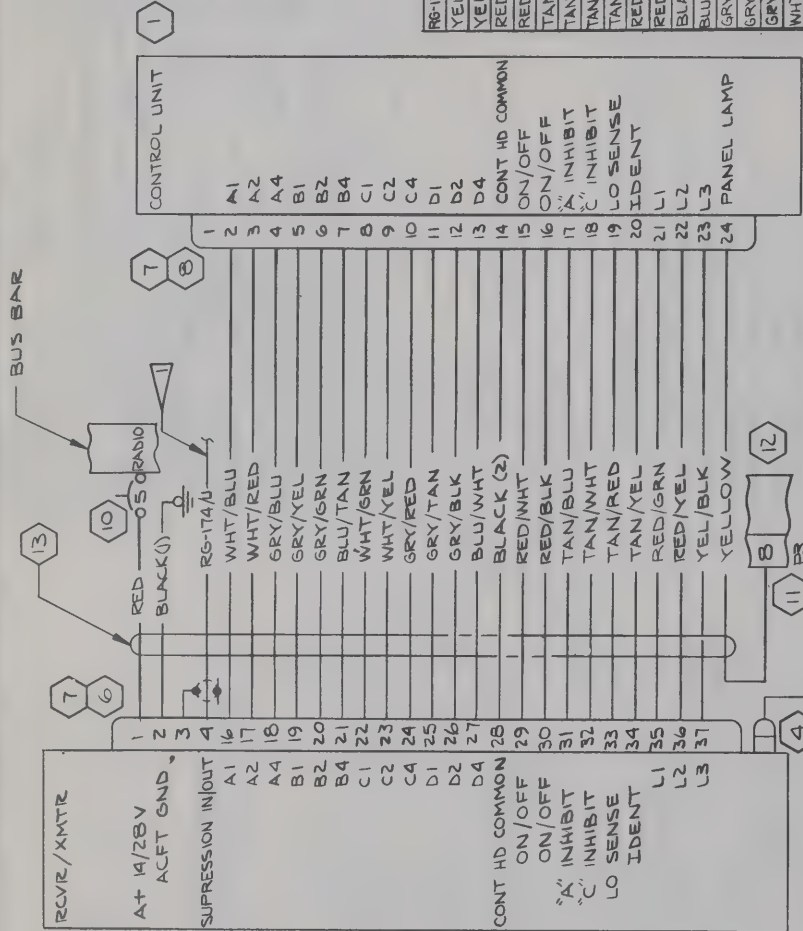
APC
THR U SER 20596
EFF SER 21059
INACTIVE: 10-1-69
M^H
Ser

[illegible]



LET	REVISION	DESCRIPTION	DATE	APPD
A	BY REV: GRY/RED WAS GRY/GRN(2), RED/WHT WAS RED(1), RED/BLK WAS RED(2), RED/YEL WAS YEL/WHT, YELLOW WAS GRY/YEL(2), GRY/YEL WAS GRY/YEL(1), GRY/GRN WAS GRY/GRN(1), RED WAS RED(3) EDARR 10336 (SR5905)		1-23-69 H/W	JUH RPG

INACTIVE:
EFF SER 21059109T210-0417
THRU SER 21059199
gpc 10-1-69
H/W
JUH
RPG



ITEM NO.	PART NO.	DESCRIPTION	WIRE CODE NO.	Gauge	MATERIAL	LG	TERMINALS	SERIALS
13	-294	CABLE ASSY	2.60.0					
12	-128	JCT BOX INSTL	7.14					
11	S-1838-3	HOUSING	2.60.0					
10	S-1360-5	CIRCUIT BREAKER	3.33					
9	030-2101-00	CONNECTOR	2.60.2					
8	030-2102-00	CONNECTOR	2.60.0					
7	030-2109-00	CA CLAMP HALF	3.33/4.28					
6	030-2109-00	CONNECTOR	2.60.0					
5	-295	CABLE ASSY	2.60.2					
4	030-0060-00	CONNECTOR	2.60.2					
3	S589505-0101	ANTENNA	6.16					
2	S589504-0101	RCVR/XMTR UNIT 12V	4.28					
1	S589503-0101	CONTROL PANEL 12V	3.33					

NOTES:
1. SUPPRESSOR CABLE ROUTES WITH CABLE TO CONTROL PANEL. CENTER CONDUCTOR CONNECTS TO PIN 4 OF 300 DME CABLE & SHIELD CONNECTS TO PIN 8. CENTER CONDUCTOR TERMINATED WITH END CAP WHEN NOT USED

WIRE TABLE

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT	APPD
	VIR SIREX	09/68							
	H. W. WILSON	11/7-68							
	YOUNGERS	10/31-68							
	HARRIS	11/5-68							
	SWANNEY	11/7-68							

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.
TITLE
WIRING DIAGRAM -
CESSNA 300 TRANSPONDER

SIZE	CODE IDENT.	DWG NO.	SCALE
C	71379	1270475	210-1-210
			PAGE: 2-60.1

EDARR 10045 (SR 5905)

 GRY/RED WIRE IS "DEV+" CIRCUIT & GRY/GRN WIRE IS "DEV-" CIRCUIT FOR CONNECTION TO A VOR INDICATOR.

2 CONNECTORS REQUIRED FOR FABRICATING A COMPLETE SET OF INTERCONNECTING CABLES ARE INCLUDED IN ARC CONNECTOR KIT NO. 31682.

3 WING CABLE ASSY AND DIRECTIONAL GYRO CABLE ARE FOR REFERENCE ONLY THESE CABLES ARE IDENTICAL IN LENGTH AND COLOR CODING TO CABLES USED ON NAV-O-MATIC 300 INSTL.

4. THE WIRE BETWEEN PIN 1 OF CONTROLLER AND PIN 17 OF COMPUTER IS REQUIRED WHEN C-520B AND C-520B UNITS ARE USED. WHEN C-520A AND C-520A UNITS ARE USED THIS WIRE NEED NOT BE USED BUT ITS INCLUSION WILL NOT AFFECT OPERATION.

CHG LET	REVISION	BY	CHK	APPRO
A	ADD PLANT CONTROL UNIT TO BIN 10 COMPUTER WITH AMPS 5000000 IN 35070-1004 CONTROL (-5000) ? 35910-1004 COMPUTER AMP (CA500) NOTE 4. (504856) (504087)	WEDL	AKC/	AKC/

[illegible]

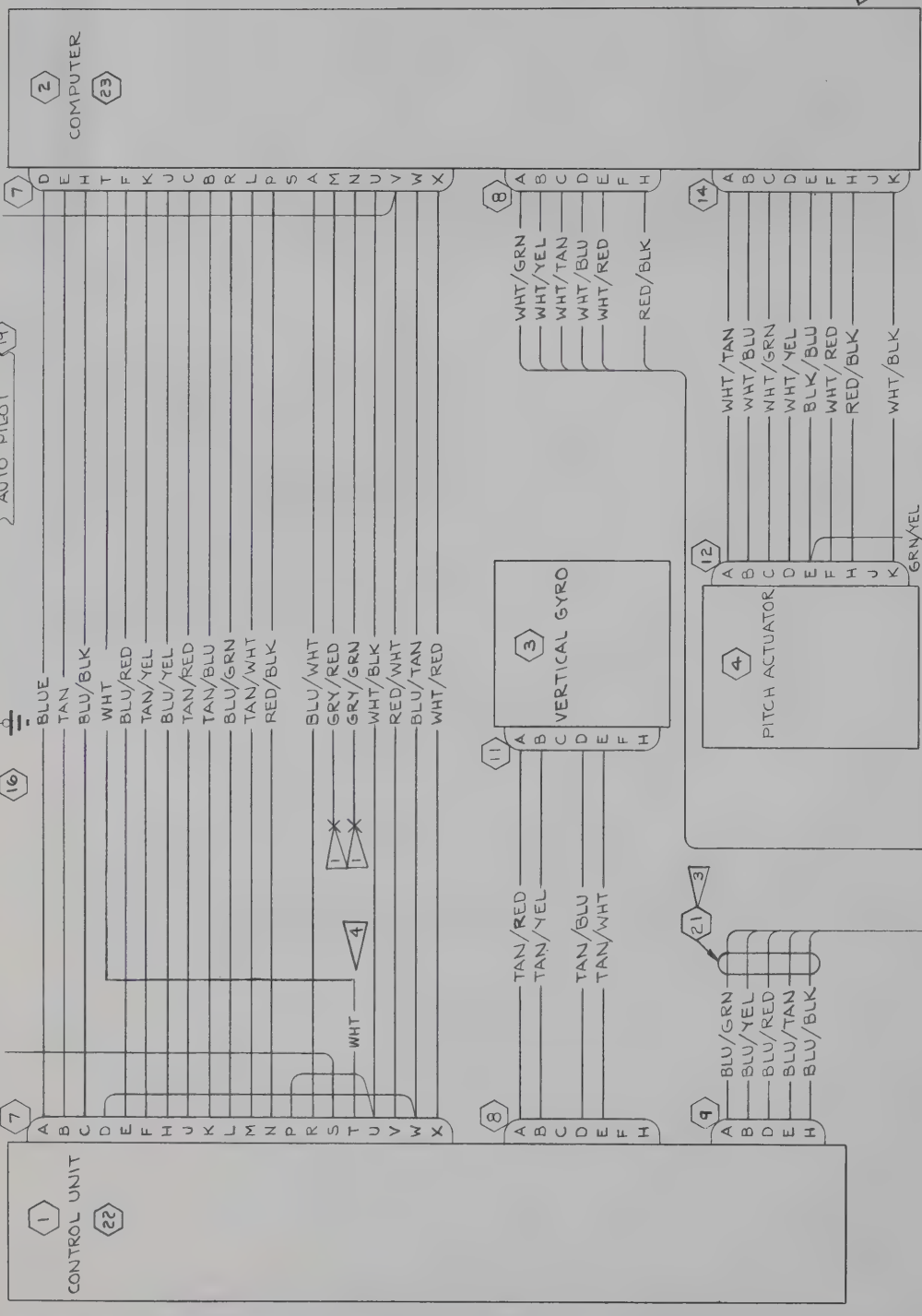
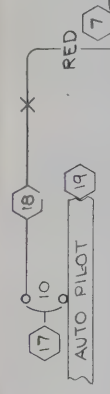
WIRE TABLE			
CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS			
NAME	DATE	TITLE	
DRAWN RIDDER	9-5-63	WIRING DIAGRAM —	
GRN'D <i>9-22-63</i>		NAV-O-MATIC 400	
CHECK <i>9-18-63</i>		SYSTEM	
PROJ <i>11-14-63</i>		(OPT)	
SUPERSEDED BY 32		SUPRESEDES	210
REV A		PAGE	17.23

EQUIPMENT TABLE		EQUIPMENT TABLE	
ITEM NO	PART NO	DESCRIPTION	INSTALLED ON
23	35410-1004	COMPUTER AMP	(CA-520A)
22	35670-1014	CONTROLLER	(C-520H)
21	1870449-4	CABLE ASSY	
20	1270449-6	CABLE ASSY	
19	1270461-1	BUS BAR	
18	RED	WIRE	
17	5-1360-10	CIRCUIT BREAKER	
16	R-124-75-RS34	RHEOSTAT (TRTA)	
15	YELLOW	WIRE	
14	28371-0009	CONNECTOR (ARC)	
13	28505-0009	CONNECTOR (ARC)	
12	28326-0009	CONNECTOR (ARC)	
11	28326-0007	CONNECTOR (ARC)	
10	28326-0005	CONNECTOR (ARC)	
9	28371-0005	CONNECTOR (ARC)	
8	28371-0007	CONNECTOR (ARC)	
7	31683-0020	CONNECTOR ASSY	(ARC)
6	30970-0100	DIRECTIONAL GYRO	(ARC G-520A)
5	26360-0000	ROLL ACTUATOR	(ARC PA-510A)
4	26360-0000	PITCH ACTUATOR	(ARC PA-510A)
3	30475-0000	VERTICAL GYRO	(ARC G-519A)
2	30520-0014	COMPUTER (ARC)	(CA-520A)
1	30510-1014	CONTROL UNIT (ARC)	(C-520A)

	SUPERSEDED BY	P17-23-Z	(OPT)	MODEL	210	REV A	PAGE 17.23
							1270403

CHK BY	DATE	REVISION	SOME	DATE

(SR4338)



INACTIVE: 0001
 INAC 00 1710 66
 5849 210519199
 SER 210 SER
 THY 5-21-68
 RLY 5-21-68
 ED 4-1-68
 NMP 2-1-68
 1 KM

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS	
NAME: RIDDER	DATE: 7-5-63
GROUP: 11-14-63	DATE: 9-22-63
CHECK: R. L. L. L.	DATE: 9-18-63
PROJ: 11-14-63	DATE: 11-14-63
SUPERSEDED BY: 17-23-3	SUPERSEDES: 210
MODEL: 17-23-1	



NAV - O-MATIC 400
 SYSTEM
 (OPT)

DWG NO
 1270405

REV: A

ASH

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
B	BY REV: DELETE TAN WIRE; GREEN-YELLOW WIRE WAS YELLOW-BLACK	A.S. 2-4-89	JWH SJS HPL
ED & RR 10349			

NOTES:

1. WHERE WIRE CODE LISTS 2 COLORS,
1ST COLOR IS BASE & 2ND COLOR IS
STRIPE.

2. GRAY-RED WIRE IS "DEV" CIRCUIT &
GRAY-GREEN WIRE IS "DEV" CIRCUIT
FOR A CONNECTION TO A VOR INDICATOR.

3. CONNECTOR KIT (WHICH INCLUDES
ALL CONNECTORS LISTED IN
REFERENCE EQUIPMENT TABLE) IS
ARC NUMBER 28883-00000.

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: FA3 (REF) WAS RED/WHIT FA4 (REF) WAS BLK/WHIT ED & RR 01975	3-20-88	GK/MS BR/BAW HPL HPL

WIRING DIAGRAM -
CESSNA 300 NAV-O-MATIC
AUTOPILOT (OPT)

COMMERCIAL AIRCRAFT DIV.
5800 E. PAVINEE
WICHITA, KANSAS

WIRING DIAGRAM -
CESSNA 300 NAV-O-MATIC
AUTOPILOT (OPT)

WIRING DIAGRAM -
CESSNA 300 NAV-O-MATIC
AUTOPILOT (OPT)

CONTRACT NO:

DESIGN	NAME	DATE	TITLE
GROUP	G. WOOD	8-7-67	WIRING DIAGRAM
DRAWN	C. GARCIA	7-27-67	WIRING DIAGRAM
CHECK	LAURE	9-12-67	WIRING DIAGRAM
STRESS	LAURE	9-12-67	WIRING DIAGRAM
PROJECT	LAURE	9-12-67	WIRING DIAGRAM
APPROVED	LAURE	9-12-67	WIRING DIAGRAM
SUPERSEDES:	1270405 P 17.7.1		

WIRE TABLE

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL/TAN 20				SOLDER	1270449
YEL/RED 20				SOLDER	1270449
GRN/YEL 18				SOLDER	1270449
YEL 20				SOLDER	1270449
WHIT/YEL 22				SOLDER	1270449
WHIT/YEL 1				SOLDER	1270449
WHIT/TAN				SOLDER	1270449
WHIT/RED				SOLDER	1270449
WHIT/RED				SOLDER	1270449
WHIT/GRN				SOLDER	1270449
WHIT/GRN				SOLDER	1270449
TAN/WHIT				SOLDER	1270449
TAN/BLU 22				SOLDER	1270449
RED/BLK 18				SOLDER	1270449
RED/BLK 18				SOLDER	1270449
RED 16				SOLDER	1270449
GRN/BLU 22				SOLDER	1270449
GRN/BLU 1				SOLDER	1270449
GRN/YEL				SOLDER	1270449
GRN/RED				SOLDER	1270449
GRN/GRN				SOLDER	1270449
GRAY/BLU 22				SOLDER	1270449
BLU/YEL 22				SOLDER	1270449
BLU/YEL 22				SOLDER	1270449
BLU/WHIT 22				SOLDER	1270449
BLU/TAN 22				SOLDER	1270449
BLU/RED 22				SOLDER	1270449
BLU/RED 22				SOLDER	1270449
BLU/GRN 22				SOLDER	1270449
BLU/BLK 22				SOLDER	1270449
BLU 22				SOLDER	1270449
BLK 18				SOLDER	1270449
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

EQUIPMENT TABLE

PART NO.	DESCRIPTION
16	28505-0009 PLUG (00781)
15	28926-0009 PLUG
14	28326-0005 PLUG
13	29410 PLUG
12	28371-0009 PLUG
11	28371-0005 PLUG
10	29336 PLUG
9	28460 PLUG
8	50328-0002 PLUG (00781)
7	CA-2 CKT BKR (80602)
6	5-1360-10 CKT BKR
5	35060-0014 TURN COORD (80602)
4	26360-0000 ACTR ASSY (80602)
3	30370-0100 DIR GYR (80602)
2	28900-0000 OMNI COUPLER (80602)
1	35660-0104 CONT AMPL (80602)

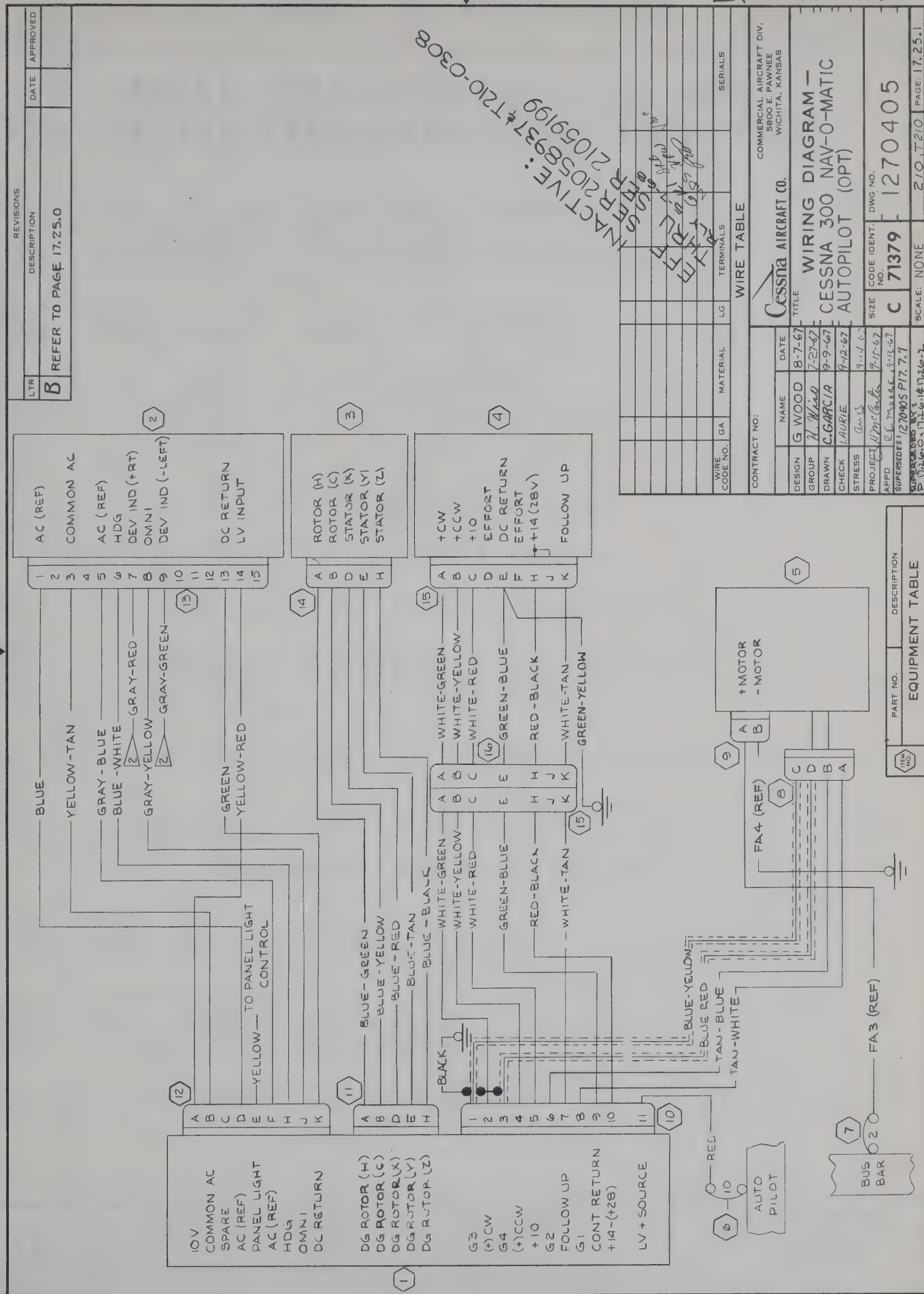


TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
210	SERIAL 21059200 THRU 21059502		
T210	SERIAL T21059200 THRU T21059502		
2.0.1	Wiring Diagram - Radio Speaker, Phone Jack, Mike, Light Dim and Power Circuits		
2.0.2	Schematic Diagram-Audio Jct Box, Internal Wiring		
2.4.1	Wiring Diagram - Cessna 300 Transponder	4-30-70	A
2.4.2	Wiring Diagram - Cessna 300 Transponder	4-30-70	A
2.5.1	Wiring Diagram - Omni Selector Switch		
2.5.2	Wiring Diagram - Transmitter Selector Switch		
2.5.3	Wiring Diagram - Audio Selector Switch	1-14-71	A
2.6.1	Wiring Diagram - Cessna 300 Nav/Com (Type 540A and 517R with IN525A and IN514)	10-16-70	A-Inac
2.6.2	Wiring Diagram - Cessna 300 Nav/Com (Type 540A and 517R with IN525A and IN514)	10-16-70	A-Inac
2.7.1	Wiring Diagram - Cessna 300 Com (ARC Type 524A)		
2.8	Wiring Diagram - Cessna 300 ADF (ARC Type 521B)		
2.8.1	Wiring Diagram - Cessna 300 ADF (Dual) (ARC Type 521B)	1-14-71	NC
2.9.1	Wiring Diagram - Cessna 400 ADF (ARC Type 324A)	1-8-70	A
2.11.1	Wiring Diagram - Cessna 300 Marker Beacon (ARC Type R-502B)	5-12-70	NC- Inac
2.11.2	W.D. -Cessna 300 Marker Beacon (ARC Type 502B)	11-3-70	A
2.12.1	Wiring Diagram - SSB (HF) (ASB-125)	8-27-70	B
2.12.2	Wiring Diagram - SSB (HF) (ASB-125)	8-27-70	B
2.13.1	Wiring Diagram - Cessna 300 HF	11-20-69	A
2.13.2	Wiring Diagram - Cessna 300 HF	11-20-69	A
2.13.3	Wiring Diagram - Cessna 300 HF		
2.15.1	Wiring Diagram - Cessna 300 DME	1-8-70	A



TITLE: RADIO WIRING DIAGRAMS
MODEL 210 SERIES

DRAWING NO.

1270700

DATE: 15 April 1972

PAGE: 1 of 3

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.18.1	Wiring Diagram - Cessna 400 Glide Slope (ARC Type R543B)	6-26-70	A
2.18.2	Wiring Diagram - Cessna 400 Glide Slope For Use With Cessna 400 Nav/Com (ARC Type R543B)	6-26-70	A
2.18.3	Wiring Diagram - Cessna 400 Glide Slope For Use With Cessna 300 Nav/Com (ARC Type R543B)	10-16-70	A-Inac
2.19.1	Wiring Diagram - Cessna 400 Com	11-20-69	A
2.19.2	Wiring Diagram - Cessna 400 Com	11-20-69	A
2.20.1	Wiring Diagram - Cessna 400 Nav/Com	1-7-71	D
2.20.2	Wiring Diagram - Cessna 400 Nav/Com	6-26-70	C
2.20.3	Wiring Diagram - Cessna 400 Nav/Com		
2.20.4	Wiring Diagram - Cessna 400 Nav/Com	1-7-71	NC-Inac
2.20.5	Wiring Diagram - Cessna 400 Nav/Com	1-7-71	NC
2.22.1	Wiring Diagram - Cessna 400 Transponder	4-30-70	A
2.22.2	Wiring Diagram - Cessna 400 Transponder	4-30-70	A
2.24.1	Wiring Diagram - Narco Mark 12B with VOA-40 Indicator	1-7-71	B
2.24.2	Wiring Diagram - Narco Mark 12B with VOA-40 Indicator	1-7-71	B
2.25.1	Wiring Diagram - Isolation Amplifier, King KA-25C		
2.26	Wiring Diagram - Typical Switching ADF, 300 HF & 300 Com		
2.27.1	Wiring Diagram - Audio Sel Switch, Narco Mark 12B	1-21-70	A
2.29	Wiring Diagram - Typical Switching, Narco Mark 12B & ADF		
2.33	Wiring Diagram - Microphone Switch, Control Wheel	7-7-70	NC-Inac
2.33.1	Wiring Diagram - Microphone Switch, Control Wheel	7-7-70	NC
2.34.1	Wiring Diagram - Narco Mark 12B with VOA-50M Indicator		
2.34.2	Wiring Diagram - Narco Mark 12B with VOA-50M Indicator		
2.34.3	Wiring Diagram - Narco Mark 12B with VOA-50M Indicator		

Cessna.

TITLE: RADIO WIRING DIAGRAMS
MODEL 210 SERIES

DRAWING NO.

1270700

DATE: 15 April 1972

PAGE: 2 of 3

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.35.1	Wiring Diagram - Cessna 300 Marker Beacon (R502B) with VOA-50M Indicator	5-12-70	NC-Inac
2.35.2	Wiring Diagram - Cessna 300 Marker Beacon (R502B) with VOA-50M Indicator	5-12-70	NC-Inac
2.35.4	Wiring Diagram - Cessna 300 Marker Beacon (R502B) with VOA-50M Indicator	11-3-70	A
2.35.5	Wiring Diagram - Cessna 300 Marker Beacon (R502B) with VOA-50M Indicator	11-3-70	A
2.36.1	Wiring Diagram - UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	6-26-70	A
2.36.2	Wiring Diagram - UGR-2 Glide Slope with Narco Mark 12B & VOA-50M Indicator	6-26-70	A
2.38.1	Cessna 400 Glideslope for Use with Cessna 300 Nav/Com	10-16-70	NC
2.38.2	Cessna 400 Glideslope for Use with Cessna 300 Nav/Com	10-16-70	NC
2.39.0	Cessna 300R Nav/Com - VOR/ILS (ARC Type 528A)	10-16-70	NC
2.39.1	Cessna 300R Nav/Com - VOR/ILS (ARC Type 528A)	10-16-70	NC
2.40.0	Cessna 300R Nav/Com - VOR (ARC Type 508A & 528A)	10-16-70	NC
2.40.1	Cessna 300R Nav/Com - VOR (ARC Type 508A & 528A)	10-16-70	NC
DRAWING NUMBER 1270701			
14.2.0	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	9-17-71	NC-Inac
14.2.1	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	9-17-71	NC-Inac
14.2.2	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	9-17-71	NC-Inac
14.3.0	Cessna 400 Nav-O-Matic	9-17-71	A-Inac
14.3.1	Cessna 400 Nav-O-Matic	9-17-71	A-Inac
14.3.2	Cessna 400 Nav-O-Matic	9-17-71	NC-Inac



TITLE: RADIO WIRING DIAGRAMS
MODEL 210 SERIES

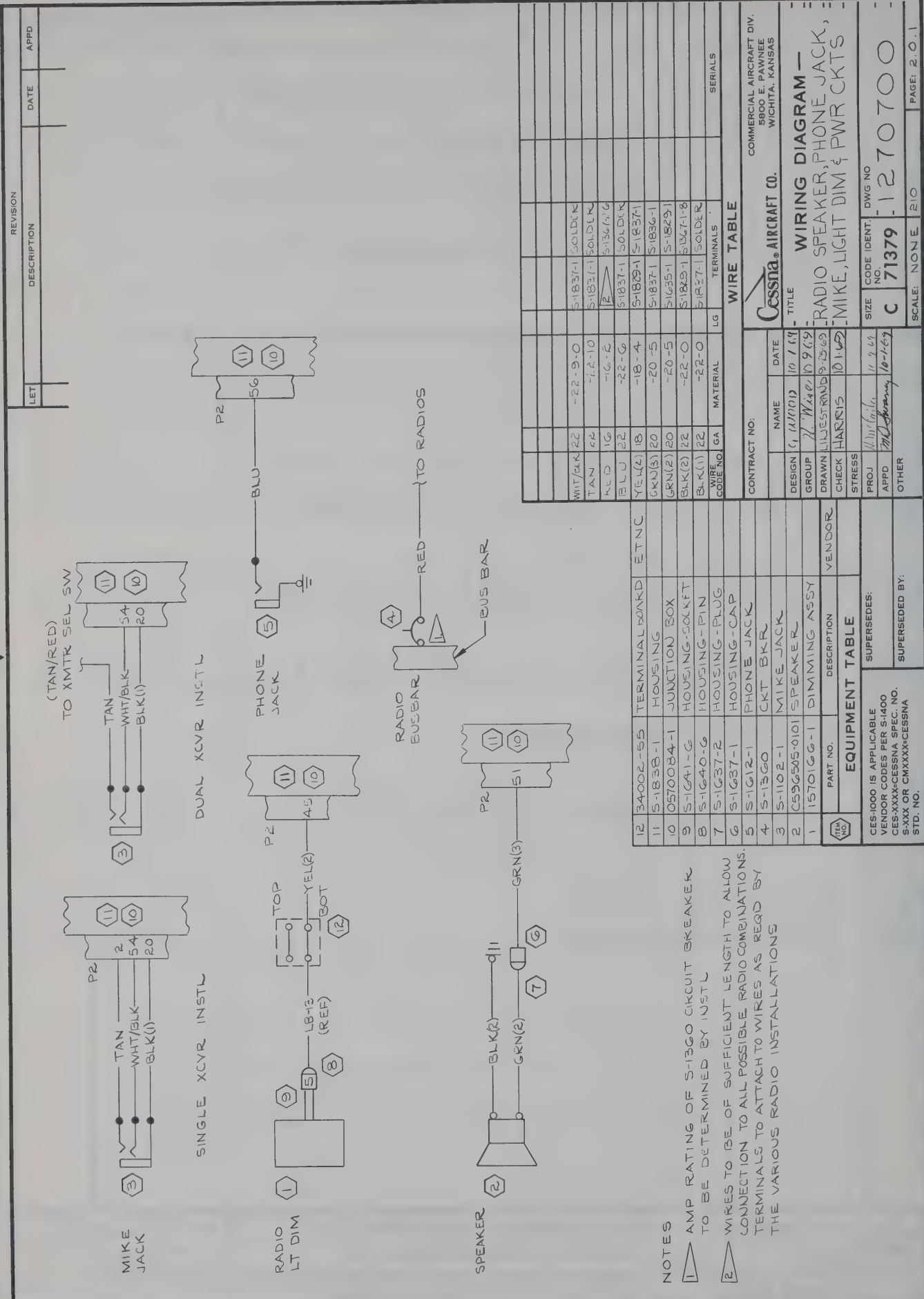
DRAWING NO.

1270700

DATE: 15 April 1972

PAGE: 3 of 3

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.



NOTES

1 AMP RATING OF S-13GO CIRCUIT BREAKER TO BE DETERMINED BY INSTL

2 WIRES TO BE OF SUFFICIENT LENGTH TO ALLOW CONNECTION TO ALL POSSIBLE RADIO COMBINATIONS. TERMINALS TO ATTACH TO WIRES AS REQD BY THE VARIOUS RADIO INSTALLATIONS

EQUIPMENT TABLE	
PART NO.	DESCRIPTION
1	1570166-1 DIMMING ASSY
2	C592505-0101 SPEAKER
3	S-1102-1 MIKE JACK
4	S-13GO CRT BKR
5	S-1G12-1 PHONE JACK
6	S-1G37-1 HOUSING-CAP
7	S-1G37-2 HOUSING-PLUG
8	S-1G40-6 HOUSING-PIN
9	S-1G41-6 HOUSING-SOCKET
10	0570084-1 JUNCTION BOX
11	S-1838-1 HOUSING
12	34002-55 TERMINAL BOARD ETNC

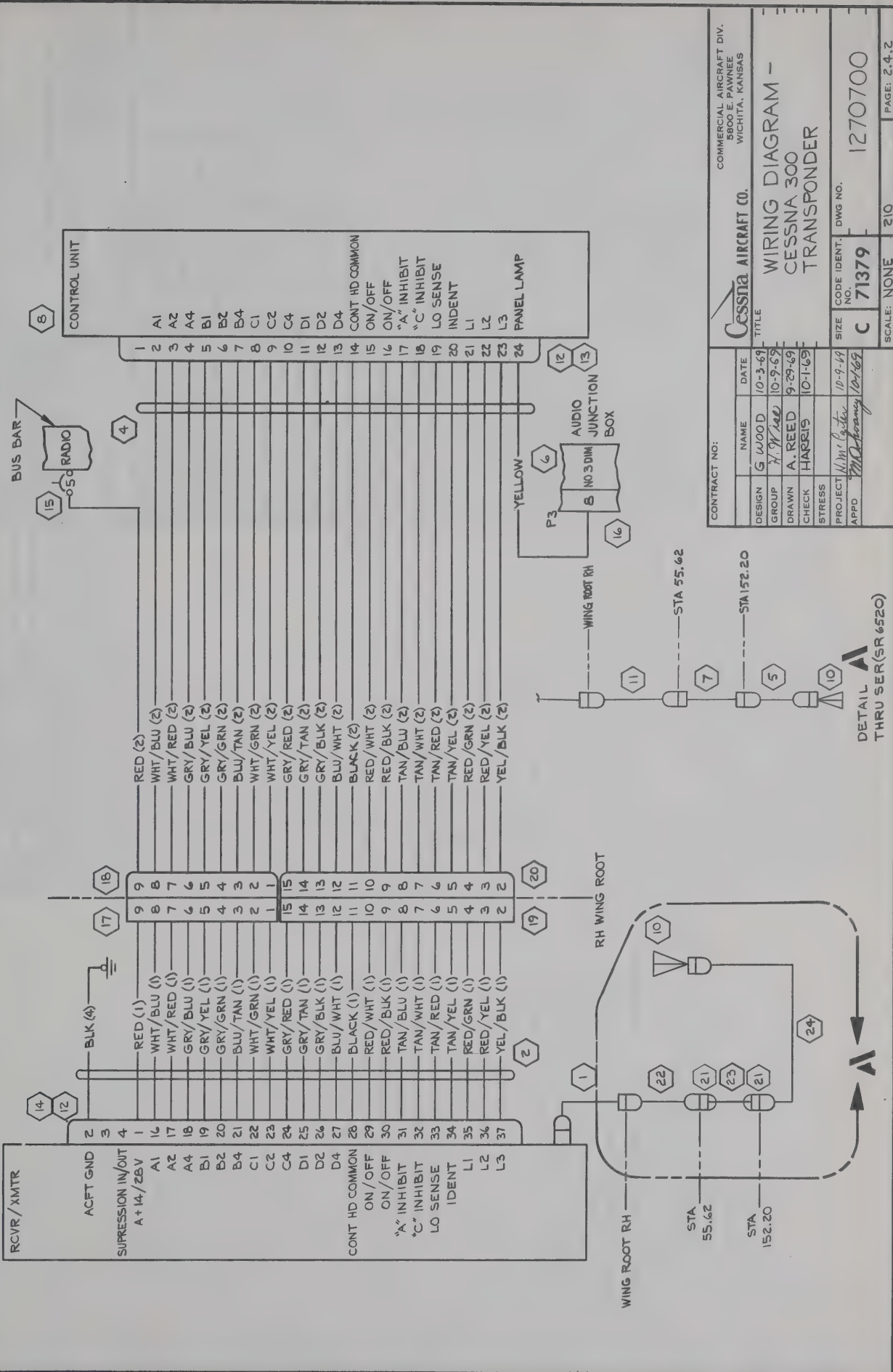


△

LET	DESCRIPTION	DATE	APPRO
A	BY REV: ADD 330024 \$NOTE1; ADD \$ SER OUT DETAIL A; ADD -276, -277 \$1270705-6 ED4RR 1093 (SR 6520)	DGP 4-6-70	<i>W</i> <i>ely</i> <i>W</i> <i>W</i> <i>W</i>

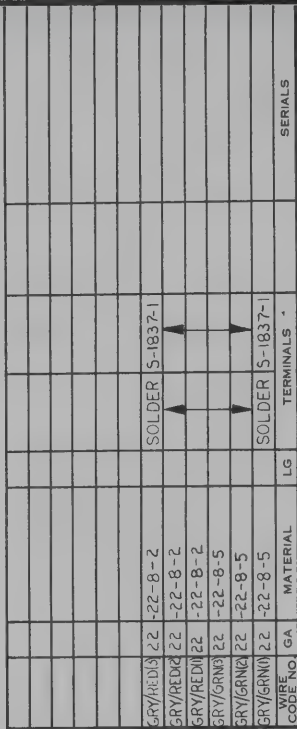
[illegible]

REVISIONS		
LTR	DESCRIPTION	DATE
A	REFER TO P 241 FOR REV	



CONTRACT NO:		NAME		DATE
DESIGN	GROUP	NAME	DATE	
G WOOD	H. J. Lee	10-3-69		
DRAWN	A. REED	10-9-69		
CHECK	HARRIS	9-29-69		
STRESS		10-1-69		
PROJECT	Wm. Carter	10-9-69		
APPD	Wm. Carter	10-9-69		
TITLE		SIZE	CODE IDENT	DWG NO.
WIRING DIAGRAM - CESSNA 300 TRANSPONDER		C	71379	1270700
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		SCALE: NONE 2:10		
		PAGE: 2.4.2		

 OMNI 2 FUNCTION TO BE ON KEYWAY SIDE OF SWITCH

[illegible]

APPD

- NOTES:
1. TRANSMITTER NO. 1 IS ON KEYWAY SIDE OF


EQUIPMENT

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA

WIRE TABLE

Cessna Aircraft Co.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS



USED FOR 2ND ADF INSTL.

[illegible]

WIRE TABLE			
CONTRACT NO:		 Cessna. AIRCRAFT CO.	
		COMMERCIAL AIRCRAFT DIV. 5800 E. PAVINEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM — AUDIO SELECTOR SWITCH	
DESIGN	NAME	DATE	
GROUP	<i>G. Wood</i>	<i>10-3-69</i>	
DRAWN	<i>J.D. Raines</i>	<i>9/26/69</i>	
CHECK	<i>HARLIS</i>	<i>10-1-69</i>	
STRESS			
PROJ	<i>H. H. Carter</i>	<i>10-9-69</i>	
APPD	<i>W. J. Raines</i>		
OTHER			
SIZE		CODE IDENT.	DWG NO
C		71379	1270700
SCALE: NONE		210	PAGE: 2, 5, 3

3	0570064-I	JUNCTION BOX ASSY	7.7	
2	S-1638-1	HOUSING	2.10	
1	S-1635-2	SWITCH	2.50	
		DESCRIPTION	PAGE	
EQUIPMENT TABLE				
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.			SUPERSEDES:	
			SUPERSEDED BY:	

CESSNA 300 NAV/COMM AMPLIFIERS ARE OPERATED "ALWAYS HOT" SPKR OUTPUTS FROM EACH SYSTEM DRIVE EITHER 50.10 WATT DUMMY LOAD OR THE SPKR AS DETERMINED BY TRANSMITTER SELECTED

INACTIVE:
EFF THRU SER(SR6647)
DUP 9/18/70 ED & RE 10/51
VES WJ NFW NMC

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: DELETE -250 ED: RR 10777	J.D.R. 1-5-70	JWH (R) M.H.

TAN/YEL	22	-22-10-2	SOLDER	S-1635-1
TAN/RED	22	-22-10-4	SOLDER	S-1635-1
TAN/BLU	22	-22-10-6	SOLDER	S-1635-1
RED/YEL	22	-22-2-4	SOLDER	S-1635-1
RFI			SOLDER	2
WHT/YEL	18	RG-58 A/U	SOLDER	S-1837-1
WHT/YEL	22	-18-9-4	SOLDER	S-1837-1
WHT/TAN	22	-22-9-10	SOLDER	SOLDER
WHT/GRN	22	-22-9-5		SOLDER
WHT/BLK	22	-22-9-0	SOLDER	S-1837-1
TAN	22	-22-10	S-1837-1	S-1837-1
RED/WHT	18	-18-2-9	S-1370-1	S-1370-1
RED/BLK	18	-18-2-0	S-1370-1	S-1370-1
RED	16	-16-2	S-1367-2-6	S-1367-2-6
GRY/RED	22	-22-8-2	S-1837-1	S-1837-1
GRY/RED	22	-22-8-2	SOLDER	SOLDER
GRY/GRN	22	-22-8-5	S-1837-1	S-1837-1
GRY/GRN	22	-22-8-5	SOLDER	SOLDER
GRN/WHT	20	-20-5-9	S-1837-1	S-1837-1
BLU/YEL	22S	S-1491-22-6-4	SOLDER	SOLDER
BLU/WHT	22S	S-1491-22-6-9	SOLDER	SOLDER
BLU/TANS	22	-22-6-10	S-1837-1	S-1837-1
BLU/TAN	22	-22-6-10		
BLU/TAN	22	-22-6-10		
BLU/TAN	22	-22-6-10		
BLU/TAN	22	-22-6-10		
BLU/RED	22S	S-1461-22-6-2	S-1837-1	S-1837-1
BLU/BLK	22S	S-1461-22-6-0	SOLDER	SOLDER
BLU	22	-22-6	S-1837-1	S-1837-1
BLK (2)	22	-22-0	S-1837-1	S-1837-1
BLK (1)	16	-16-0	SOLDER	S-1342-B

WIRE TABLE				COMMERCIAL AIRCRAFT DIV. 5800 E. PAVINEE WICHITA, KANSAS	
CONTRACT NO:		Cessna. AIRCRAFT CO.		TITLE	
DESIGN	NAME	DATE	WIRING DIAGRAM --		
GROUP	G 1000D	10-6-69	CESSNA 300 NAV/COMM (TYPE 540A)		
DRAWN	H. W. LAW	10-9-69	517R WITH IN525A&IN 514		
CHECK	D.G. PLAIN	9-26-69			
STRESS	HARRIS	10-1-69			
PROJ	Allyce Cesta	10-9-69	SIZE	CODE IDENT. NO.	DWG NO
APPD	W. Lawrence	10-1-69	C	71379	1270700
OTHER			SCALE: NONE		210
					PAGE: 2 of 1

19	1270012-1	ANT.-NAV	6.3
18	C598501-0102	ANT. - COMM	6.1
17	5-1641-9	HOUSING	2.6.0
16	2-331350-1	CONNECTOR	2.4.0
15	1270705-3	CABLE ASSY	
14			
13	-202	CABLE ASSY-VHF	2.3
12	-200	CABLE ASSY	2.1
11	36120-1114	XCVR (TYPE 517R)	3.2.0
10	31640-0000	IND (TYPE IN-514)	3.2.0
9	32350-0000	IND (TYPE IN-525A)	3.3.0
8	18397	CONNECTOR	2.6.0
7	0570084-1	JUNCTION BOX	1.7
6	5-1838-2	HOUSING	2.6.0
5	29752	CONNECTOR	
4	29753	CONNECTOR	
3	5-1360-15	CIRCUIT BREAKER	3.2.0
2	29747-0026	CONNECTOR	2.6.0
1	37600-1114	XCVR (TYPE 540A)	3.3.0

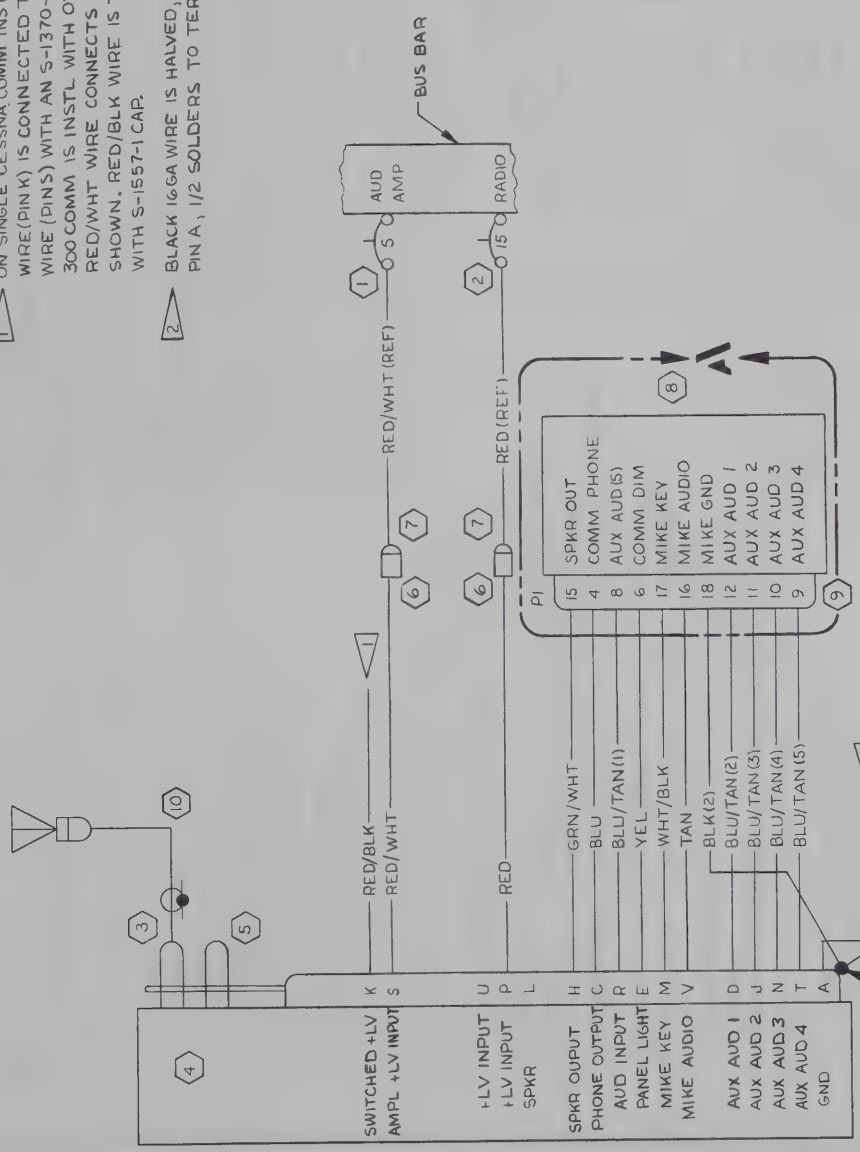
ITEM NO.	DESCRIPTION	PAGE
EQUIPMENT TABLE		
SUPERSEDES:		
CES-1000 IS APPLICABLE		
VENDOR CODES PER S-1400		
CES-XXXX-CESNA SPEC. NO.		
SXXX OR CMXXXX-CESNA		
STD. NO.		
SUPERSEDED BY: pg 2.59.1		



REV	DESCRIPTION	DATE	APPD
1	ON SINGLE CESSNA COMM INSTL, RED/BLK WIRE (PINK) IS CONNECTED TO RED/WHT WIRE (PINS) WITH AN S-1370-1 SPLICE. WHEN 300 COMM IS INSTL WITH OTHER RADIOS, RED/WHT WIRE CONNECTS TO CKT BKR AS SHOWN. RED/BLK WIRE IS TERMINATED WITH S-1557-1 CAP.		

NOTES:

- ON SINGLE CESSNA COMM INSTL, RED/BLK WIRE (PINK) IS CONNECTED TO RED/WHT WIRE (PINS) WITH AN S-1370-1 SPLICE. WHEN 300 COMM IS INSTL WITH OTHER RADIOS, RED/WHT WIRE CONNECTS TO CKT BKR AS SHOWN. RED/BLK WIRE IS TERMINATED WITH S-1557-1 CAP.
- BLACK 16GA WIRE IS HALVED, 1/2 SOLDER TO PIN A, 1/2 SOLDER TO TERMINAL LUG.



WIRE	TERMINAL
GRN/WHT(REF)	S
BLU(REF)	D
BLU/TAN(1)(REF)	J
YEL(REF)	F
WHT/BLK(REF)	U
TAN(REF)	T
BLK(REF)	V
BLU/TAN(2)(REF)	N
BLU/TAN(3)(REF)	M
BLU/TAN(4)(REF)	L
BLU/TAN(5)(REF)	K

DETAIL A
2ND RADIO INSTL

WIRE	TERMINAL	WIRE	TERMINAL
BLU/TAN(5) 22	-22-6-10	SOLDER	S-1837-1
BLU/TAN(4) 22	-22-6-10		
BLU/TAN(3) 22	-22-6-10		
BLU/TAN(2) 22	-22-6-10		
YEL 18	-18-4	SOLDER	S-1837-1
WHT/BLK 22	-22-9-0	SOLDER	S-1837-1
TAN 22	-22-10	SOLDER	S-1837-1
RED/WHT 18	-18-2-9	SOLDER	S-1636-1
RED/BLK 18	-18-2-0	SOLDER	S-1636-1
RED 16	-16-2		
GRN/WHT 20	-20-5-9		
BLU/TAN 22	-22-6-10		
BLU 22	-22-6		
BLK(2) 22	-22-0		
BLK(1) 16	-16-0	SOLDER	S-1637-6

WIRE TABLE

CONTRACT NO.		NAME		DATE
		H. W. J.		10-6-67
DESIGN		10-6-67		
GROUP		H. W. J.		
DRAWN		J. D. RAINES 1926/69		
CHECK		HACR/15 10-1-69		
STRESS				
PROJ		10-6-67		
APPD		10-6-67		
OTHER				

ITEM NO.	PART NO.	DESCRIPTION	PAGE
10	202	CABLE ASSY	2.3
9	S-1838-2	HOUSING	2.7
8	0570084-1	JUNCTION BOX ASSY	7.7
7	S-1637-2	HOUSING PLUG	
6	S-1637-1	HOUSING CAP	
5	29747-0018	CONNECTOR	2.7
4	31390-1514	RCVP/HMTR (ARC TYPE)	3.3
3	29753	CONNECTOR	2.7
2	S-1360-15	CIRCUIT BREAKER	3.3
1	S-1360-5	CIRCUIT BREAKER	3.3

EQUIPMENT TABLE

ITEM NO.	PART NO.	DESCRIPTION	PAGE
10	202	CABLE ASSY	2.3
9	S-1838-2	HOUSING	2.7
8	0570084-1	JUNCTION BOX ASSY	7.7
7	S-1637-2	HOUSING PLUG	
6	S-1637-1	HOUSING CAP	
5	29747-0018	CONNECTOR	2.7
4	31390-1514	RCVP/HMTR (ARC TYPE)	3.3
3	29753	CONNECTOR	2.7
2	S-1360-15	CIRCUIT BREAKER	3.3
1	S-1360-5	CIRCUIT BREAKER	3.3

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESNA SPEC. NO.
S-XXX OR CMXXXX-CESNA
STD. NO.

SUPERSEDES:
SUPERSEDED BY:

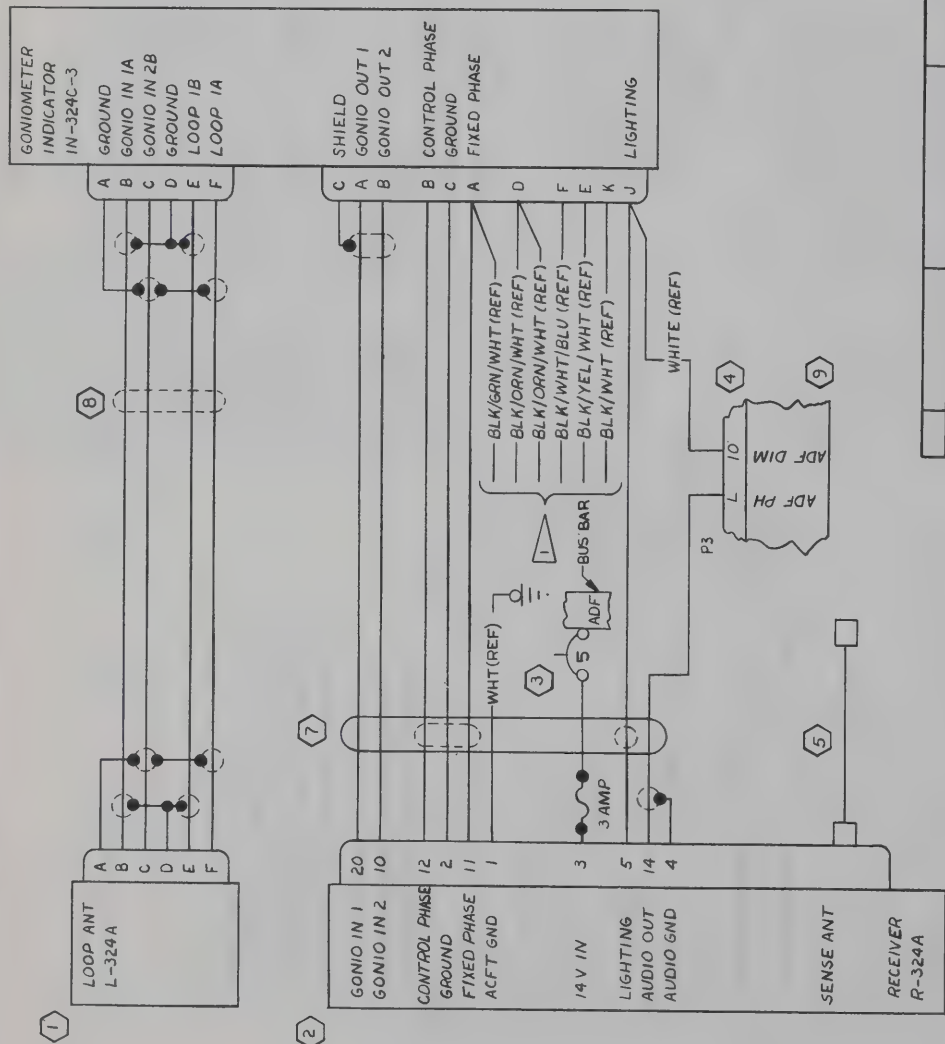
TERMINAL LUG

Cessna AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM —
CESSNA 300 COMM
(ARC TYPE 524A)

SIZE
C 71379
SCALE: NONE
PAGE: 2.7.1

LET	DESCRIPTION	DATE	APPD
A	BY REV: IN FIELD S-1360-5 WAS -3 ED#RR 10846	J.D.R. 12/25/69	JUN 854 HFW DLB HFW



NOTES:

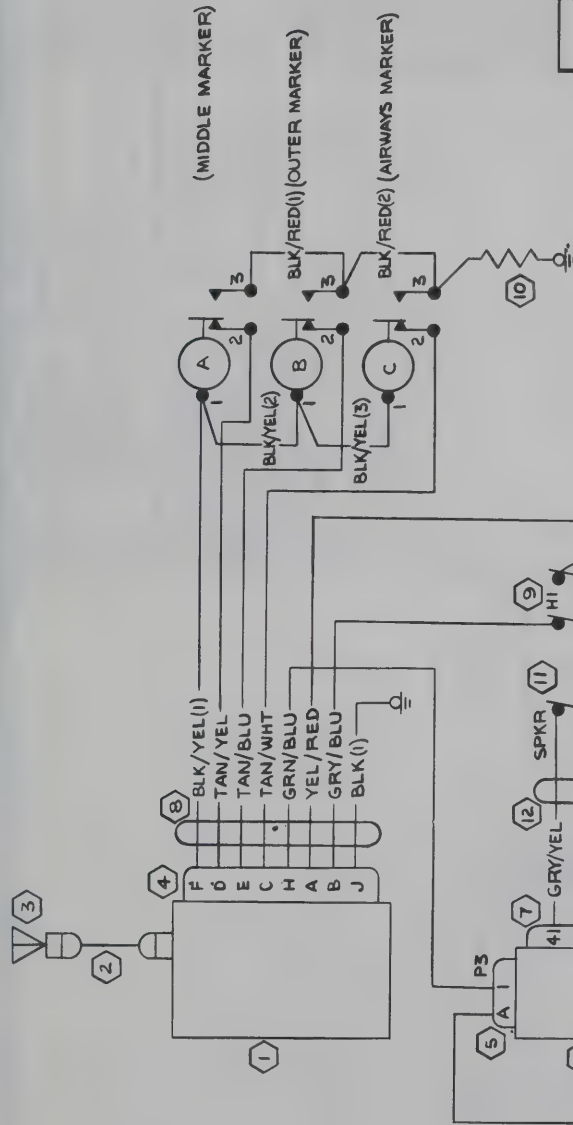
1 THESE WIRES TO BE CUT & CAPPED
APPROX 2 IN. FROM PLUG

ITEM NO.	PART NO.	DESCRIPTION	PAGE
9	0570084-1	JUNCTION BOX ASSY	7.7
8	33827-0000	LOOP CABLE ASSY	6.6
7	38422-0014	CABLE ASSY	3.11
6	38450-0003	GONIOMETER IND	3.11
5	-216	CABLE ASSY	2.9.0
4	5-1B38-3	HOUSING	
3	5-1360-5	CIRCUIT BKR	3.11
2	36380-1000	RECEIVER	3.11
1	36420-1100	LOOP ANT	6.6

CONTRACT NO.				WIRE TABLE			
DESIGN	NAME	DATE	LG	TERMINALS	SERIALS		
GROUP 1	U.O.O.D.	10-6-69					
DRAWN	J.D. RAINES	9/25/69					
CHECK	HARRIS	10-1-69					
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			Cessna, AIRCRAFT CO.				
TITLE			WIRING DIAGRAM — CESSNA 400 ADF (ARC TYPE 324A)				

[illegible]

LET	DESCRIPTION	REVISION	DATE	APPD



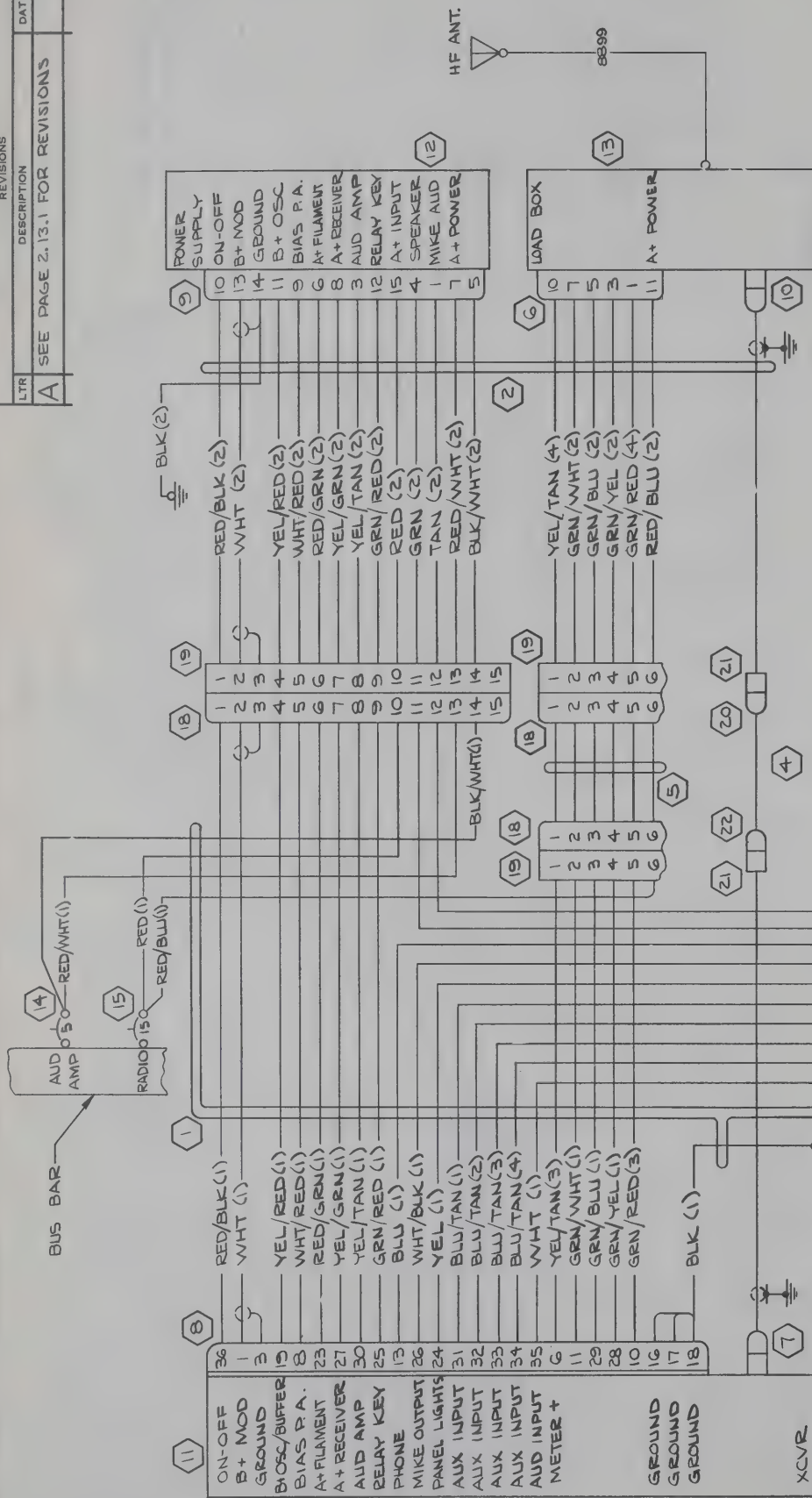
WIRING DIAGRAM
 CESSNA 300 MARKER
 BEACON (ARC TYPE 502B)

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
1	22	22-10-9		SOLDER	
2	22	22-10-6		SOLDER	
3	22	22-10-4		SOLDER	
4	22	22-8-6		SOLDER	
5	22	22-8-4		S-1837-1	
6	22	22-6-5		S-1837-1	
7	22	22-6		S-1837-1	
8	20	20-5-6		S-1837-1	
9	20	20-4-2		SOLDER	
10	22	22-2-5		S-1837-1	
11	22	22-0-4		SOLDER	
12	22	22-0-4			
13	22	22-0-4			
14	22	22-0-2			
15	22	22-0-2		SOLDER	
16	22	22-0		S-1367-1-B	
17	22	22-0		SOLDER	
18	22	22-0		S-1367-1-B	
19	22	22-0		SOLDER	
20	22	22-0		S-1367-1-B	
21	22	22-0		SOLDER	
22	22	22-0		S-1367-1-B	
23	22	22-0		SOLDER	
24	22	22-0		S-1367-1-B	
25	22	22-0		SOLDER	
26	22	22-0		S-1367-1-B	
27	22	22-0		SOLDER	
28	22	22-0		S-1367-1-B	
29	22	22-0		SOLDER	
30	22	22-0		S-1367-1-B	
31	22	22-0		SOLDER	
32	22	22-0		S-1367-1-B	
33	22	22-0		SOLDER	
34	22	22-0		S-1367-1-B	
35	22	22-0		SOLDER	
36	22	22-0		S-1367-1-B	
37	22	22-0		SOLDER	
38	22	22-0		S-1367-1-B	
39	22	22-0		SOLDER	
40	22	22-0		S-1367-1-B	
41	22	22-0		SOLDER	
42	22	22-0		S-1367-1-B	
43	22	22-0		SOLDER	
44	22	22-0		S-1367-1-B	
45	22	22-0		SOLDER	
46	22	22-0		S-1367-1-B	
47	22	22-0		SOLDER	
48	22	22-0		S-1367-1-B	
49	22	22-0		SOLDER	
50	22	22-0		S-1367-1-B	
51	22	22-0		SOLDER	
52	22	22-0		S-1367-1-B	
53	22	22-0		SOLDER	
54	22	22-0		S-1367-1-B	
55	22	22-0		SOLDER	
56	22	22-0		S-1367-1-B	
57	22	22-0		SOLDER	
58	22	22-0		S-1367-1-B	
59	22	22-0		SOLDER	
60	22	22-0		S-1367-1-B	
61	22	22-0		SOLDER	
62	22	22-0		S-1367-1-B	
63	22	22-0		SOLDER	
64	22	22-0		S-1367-1-B	
65	22	22-0		SOLDER	
66	22	22-0		S-1367-1-B	
67	22	22-0		SOLDER	
68	22	22-0		S-1367-1-B	
69	22	22-0		SOLDER	
70	22	22-0		S-1367-1-B	
71	22	22-0		SOLDER	
72	22	22-0		S-1367-1-B	
73	22	22-0		SOLDER	
74	22	22-0		S-1367-1-B	
75	22	22-0		SOLDER	
76	22	22-0		S-1367-1-B	
77	22	22-0		SOLDER	
78	22	22-0		S-1367-1-B	
79	22	22-0		SOLDER	
80	22	22-0		S-1367-1-B	
81	22	22-0		SOLDER	
82	22	22-0		S-1367-1-B	
83	22	22-0		SOLDER	
84	22	22-0		S-1367-1-B	
85	22	22-0		SOLDER	
86	22	22-0		S-1367-1-B	
87	22	22-0		SOLDER	
88	22	22-0		S-1367-1-B	
89	22	22-0		SOLDER	
90	22	22-0		S-1367-1-B	
91	22	22-0		SOLDER	
92	22	22-0		S-1367-1-B	
93	22	22-0		SOLDER	
94	22	22-0		S-1367-1-B	
95	22	22-0		SOLDER	
96	22	22-0		S-1367-1-B	
97	22	22-0		SOLDER	
98	22	22-0		S-1367-1-B	
99	22	22-0		SOLDER	
100	22	22-0		S-1367-1-B	

CONTRACT NO.		NAME		DATE
		G WOOD		10-6-69
DESIGN	GROUP	DRAWN	CHECK	STRESS
		MARIO	HARRIS	
SUPERSEDES:				
CES-1000 IS APPLICABLE				
VENDOR CODES PER S-1400				
CES-XXXX-CESNA SPEC. NO.				
S-XXX OR CMXXX-CESNA				
STD. NO.				
EQUIPMENT TABLE				
PART NO.				
DESCRIPTION				
1 31240-0014 MKR BCN RCVR				
2 24810-0100 MKR BCN ANT				
3 24810-0100 MKR BCN ANT				
4 28371-0009 PLUG				
5 S-10358-3 HOUSING				
6 0570084-1 JUNCTION BOX ASSY				
7 S-18358-1 HOUSING				
8 S-1696-2 SWITCH				
9 S-1696-2 SWITCH				
10 40.0.5 WATT RESISTOR				
11 S-1695-1 SWITCH				
12 S-1360-10 CKT BKR				
13 S-1360-10 CKT BKR				

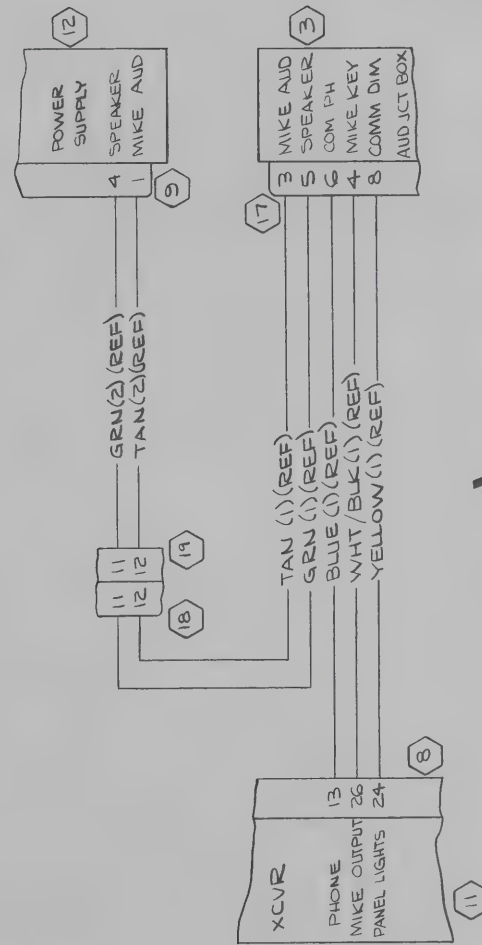
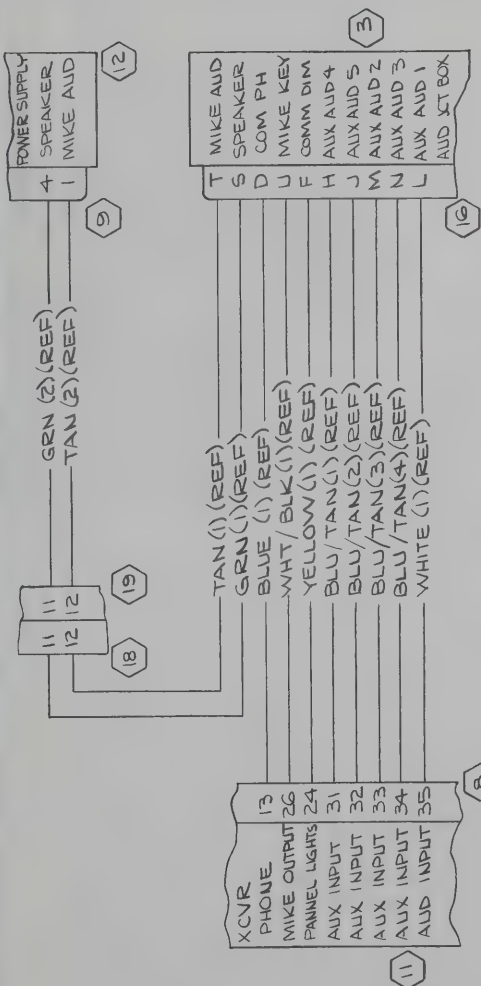
NOTES:
 1 PHONE & LO FUNCTION TO BE ON KEY WAY SIDE OF SWITCH
 2 PART OF -237 CABLE ASSY

REVISIONS		DESCRIPTION		DATE		APPROVED	
LTR	A	SEE PAGE 2.13.1 FOR REVISIONS					



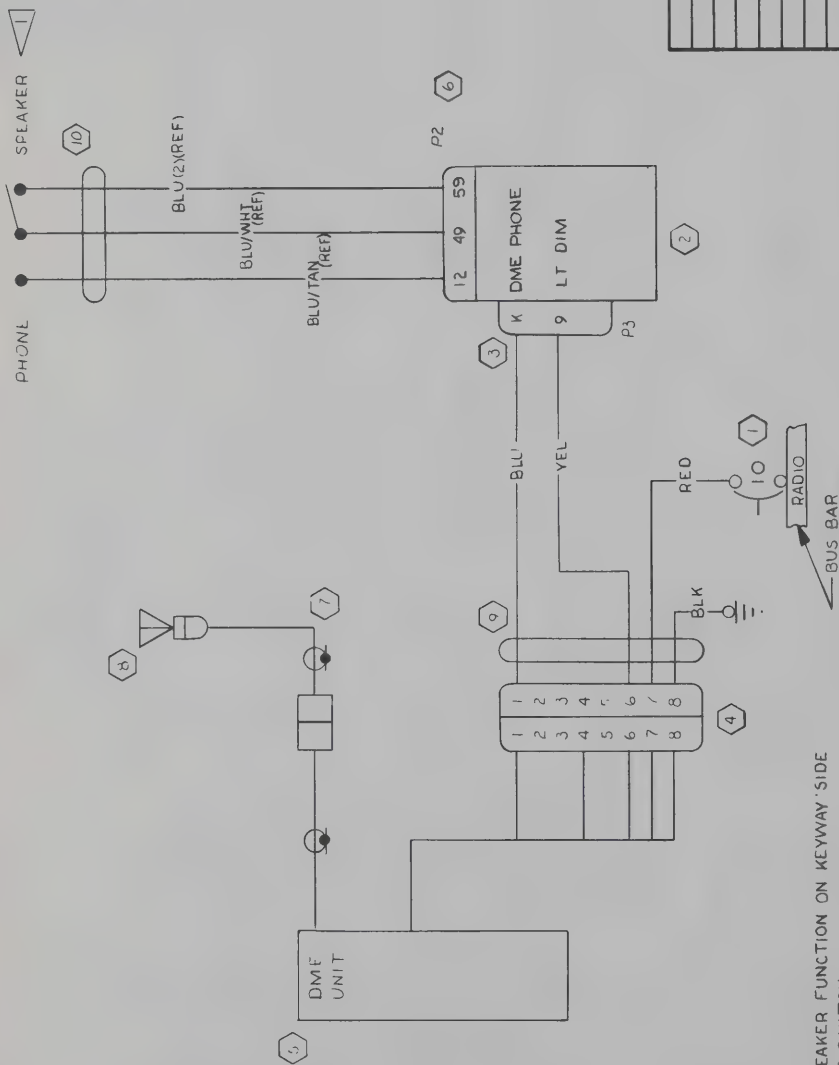
CONTRACT NO:		NAME	DATE
DESIGN	G WOOD	10-6-69	
GROUP	H. W. Lee	10-9-69	
DRAWN	HOVORAK	9-26-69	
CHECK	HARRIS	10-1-69	
STRESS			
PROJECT	H. W. Lee	10-9-69	
APPD	H. W. Lee	10-1-69	

CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM - CESSNA 300 HF	
SIZE	C	CODE IDENT. NO.	71379
DWG NO.	1270700	SCALE	NONE
PAGE	210	PAGE	2.13.2



CONTRACT NO:				COMMERCIAL AIRCRAFT DIV. 5800 E. FAWNREE WICHITA, KANSAS							
		NAME		DATE		CESSNA AIRCRAFT CO.					
DESIGN	G WOOD	10-6-69		TITLE		WIRING DIAGRAM-					
GROUP	H.W. WOOD	10-9-69				CESSNA 300 HF					
DRAWN	HONORAK	10-11-69				SIZE		CODE IDENT. NO.		DWG NO.	
CHECK	HARRIS	10-11-69				C		71379		1270700	
STRESS											
PROJECT	N.H. Calkins	10-9-69									
APPD	M.H. Anthony	10-11-69									
						SCALE: NONE		ZIO		PAGE: 2.13.3	

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: PIN 59 WAS 29 ED: RR 10719	J.D.R. 1-5-70	J.D.R. 1-5-70



NOTES:
 1. SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH

ITEM NO.	DESCRIPTION	PAGE
10	-233 CABLE ASSY	2.5
9	-222 CABLE ASSY	2.15
8	KA-32 ANTENNA	6.11
7	-235 CABLE ASSY	2.14
6	S-1838-1 HOUSING	6.11
5	C582602-0201 DME UNIT	3.6
4	030-2043-00 CONNECTOR	2.15
3	S-1838-3 HOUSING	2.15
2	0570084-1 JUNCTION BOX	7.7
1	S-1360-10 CKT BKR	3.6

EQUIPMENT TABLE

CES-1000 IS APPLICABLE
 VENDOR CODES PER S-1400
 CES-XXX-CESNA SPEC. NO.
 S-XXX OR CMXXX-CESNA
 STD. NO.

SUPERSEDES:
 SUPERSEDED BY:

WIRE TABLE

WIRE CODE NO.	GA.	MATERIAL	LG.	TERMINALS	SERIALS
YEL 18	-18-4			SOLDER S-1837-1	
RED 16	-16-4			SOLDER S-1367-1-8	
BLU 22	-22-6			SOLDER S-1837-1	
BLK 16	-16-0			SOLDER S-1367-1-8	

CONTRACT NO:

NAME	DATE
G. WOOD	10-6-69
H. N. IAC	10-9-69
J. D. RAINE	9/29/69
HAGGIS	10-1-69

COMMERCIAL AIRCRAFT DIV.
 5800 E. PAWNEE
 WICHITA, KANSAS

Cessna AIRCRAFT CO.
 TITLE
 WIRING DIAGRAM -
 CESSNA 300 DME

SIZE
 C
 CODE IDENT. NO.
 71379
 DWG NO.
 1270700

SCALE: NONE 2:10 PAGE: 2 15.1

ED: RR 10714 SER 21059200 40N

LET	DESCRIPTION	DATE	APPRO
A	BY REV: ADD -603, S-2086-1, -282, VIEW A/PG. 2.18.2, VIEW B/PG. 2.18.3 & SER ED&RR10054 (5R6393) IX	JDH 62270	LG VRS H/W H/MC

WIRE CODE NO.	GA	MATERIAL	LG	TERMINAL	SERIALS
RED (3)	18	-18-2			
GRY/RED (2)	22	-22-8-2			
GRY/BLK (3)	22	-22-8-0			
GRY/YEL (3)	22	-22-8-4			
GRY/TAN (3)	22	-22-8-10			
GRY/BLU (3)	22	-22-8-6			
BLU/WHI (3)	22	-22-6-9			
BLU/GRN (3)	22	-22-6-5			
BLU/YEL (3)	22	-22-6-4			
BLU/RED (3)	22	-22-6-2			
BLU/BLK (3)	22	-22-6-0			
BLACK (3)	18	-18-0			
RED/YEL (3)	22	-22-2-4			
TAN/BLU (3)	22	-22-10-6			
TAN/YEL (3)	22	-22-10-4			
TAN/RED (3)	22	-22-10-2			
BLK/YEL (2)	22	-22-0-4			
TAN/BLU (2)	22	-22-10-6			
RED (2)	18	-18-2			
RED/WHI (2)	22	-22-2-9			
RED/YEL (2)	22	-22-2-4			
GRY/RED (2)	22	-22-8-2			
GRY/BLK (2)	22	-22-8-0			
GRY/YEL (2)	22	-22-8-4			
GRY/TAN (2)	22	-22-8-10			
GRY/BLU (2)	22	-22-8-6			
BLK (2)	18	-18-0			
TAN/RED (2)	22	-22-10-2			
TAN/YEL (2)	22	-22-10-4			
RED (3)	18	-18-2			
GRY/RED (2)	22	-22-8-2			
GRY/BLK (3)	22	-22-8-0			
GRY/YEL (3)	22	-22-8-4			
GRY/TAN (3)	22	-22-8-10			
GRY/BLU (3)	22	-22-8-6			
BLU/WHI (3)	22	-22-6-9			
BLU/GRN (3)	22	-22-6-5			
BLU/YEL (3)	22	-22-6-4			
BLU/RED (3)	22	-22-6-2			
BLU/BLK (3)	22	-22-6-0			
BLACK (3)	18	-18-0			
RED/YEL (3)	22	-22-2-4			
TAN/BLU (3)	22	-22-10-6			
TAN/YEL (3)	22	-22-10-4			
TAN/RED (3)	22	-22-10-2			
BLK/YEL (2)	22	-22-0-4			
TAN/BLU (2)	22	-22-10-6			
RED (2)	18	-18-2			
RED/WHI (2)	22	-22-2-9			
RED/YEL (2)	22	-22-2-4			
GRY/RED (2)	22	-22-8-2			
GRY/BLK (2)	22	-22-8-0			
GRY/YEL (2)	22	-22-8-4			
GRY/TAN (2)	22	-22-8-10			
GRY/BLU (2)	22	-22-8-6			
BLK (2)	18	-18-0			
TAN/RED (2)	22	-22-10-2			
TAN/YEL (2)	22	-22-10-4			

SOLDER S-1963-1

SOLDER S-1963-2

31	-603	ANT INSTL-OMNI	6.3
30	-282	CABLE ASSY	2.37.0
29	S-2086-1	ANT COUPLER	6.8.0
28	S-1961-2-2	HOUSING	2.18.0
27	S-1961-1-2	HOUSING	2.18.0
26	S-1960-2-0	HOUSING	2.18.0
25	S-1960-1-0	HOUSING	2.18.0
24	S-1641-9	HOUSING	2.6.0
23	S-1640-9	HOUSING	2.18.0
22	31600-1114	XMT/RCVR (ARC R-543)	3.3.0
21	36440-0000	G.S. RCVR (ARC R-543)	4.5
20	36300-0000	G.S. CABLE KIT	
19	36195	CONNECTOR KIT	
18	36194-0001	CONNECTOR KIT	
17	35693-0004	CONNECTOR	
16	35548-0225	CONNECTOR	
15	34294-0425	CONNECTOR	
14	34290-0000	INDICATOR (ARC IN-543)	3.10.1
13	33560-1100	NAV RCVR (ARC R-542)	
12	32350-0000	INDICATOR (ARC IN-524)	3.3.3
11	29747-0026	CONNECTOR	
10	18397	CONNECTOR	2.6.1
9	11337	CONNECTOR	
8	1200098-1	ANTENNA	2.18.0
7	-261	CABLE ASSY	2.18.0
6	-254	CABLE ASSY	2.18.0
5	-253	CABLE ASSY	2.18.0
4	-252	CABLE ASSY	2.18.0
3	-251	CABLE ASSY	2.16
2	-224	CABLE ASSY	2.16
1			

PART NO.	DESCRIPTION	PAGE
	EQUIPMENT TABLE	

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESNA SPEC. NO.
S-XXX OR CMXXXX-CESNA
STD. NO.

CONTRACT NO:

DESIGN	NAME	DATE
GROUP	G WOOD	10-6-69
DRAWN	H. WOOD	10-9-69
CHECK	HARRIS	10-1-69
STRESS		
PROJ		
APPD		
OTHER		

WIRE TABLE

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
RED (1)	18	-18-2			
GRY/RED (2)	22	-22-8-2			
GRY/BLK (3)	22	-22-8-0			
GRY/YEL (3)	22	-22-8-4			
GRY/TAN (3)	22	-22-8-10			
GRY/BLU (3)	22	-22-8-6			
BLU/WHI (3)	22	-22-6-9			
BLU/GRN (3)	22	-22-6-5			
BLU/YEL (3)	22	-22-6-4			
BLU/RED (3)	22	-22-6-2			
BLU/BLK (3)	22	-22-6-0			
BLACK (3)	18	-18-0			
TAN/RED (2)	22	-22-10-2			
TAN/YEL (2)	22	-22-10-4			
RED (2)	18	-18-2			
GRY/RED (2)	22	-22-8-2			
GRY/BLK (3)	22	-22-8-0			
GRY/YEL (3)	22	-22-8-4			
GRY/TAN (3)	22	-22-8-10			
GRY/BLU (3)	22	-22-8-6			
BLU/WHI (3)	22	-22-6-9			
BLU/GRN (3)	22	-22-6-5			
BLU/YEL (3)	22	-22-6-4			
BLU/RED (3)	22	-22-6-2			
BLU/BLK (3)	22	-22-6-0			
BLACK (3)	18	-18-0			
RED/YEL (3)	22	-22-2-4			
TAN/BLU (3)	22	-22-10-6			
TAN/YEL (3)	22	-22-10-4			
TAN/RED (3)	22	-22-10-2			
BLK/YEL (2)	22	-22-0-4			
TAN/BLU (2)	22	-22-10-6			
RED (2)	18	-18-2			
RED/WHI (2)	22	-22-2-9			
RED/YEL (2)	22	-22-2-4			
GRY/RED (2)	22	-22-8-2			
GRY/BLK (2)	22	-22-8-0			
GRY/YEL (2)	22	-22-8-4			
GRY/TAN (2)	22	-22-8-10			
GRY/BLU (2)	22	-22-8-6			
BLK (2)	18	-18-0			
TAN/RED (2)	22	-22-10-2			
TAN/YEL (2)	22	-22-10-4			

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE
WIRING DIAGRAM -
CESSNA 400 GLIDESLOPE
(ARC TYPE R-543B)

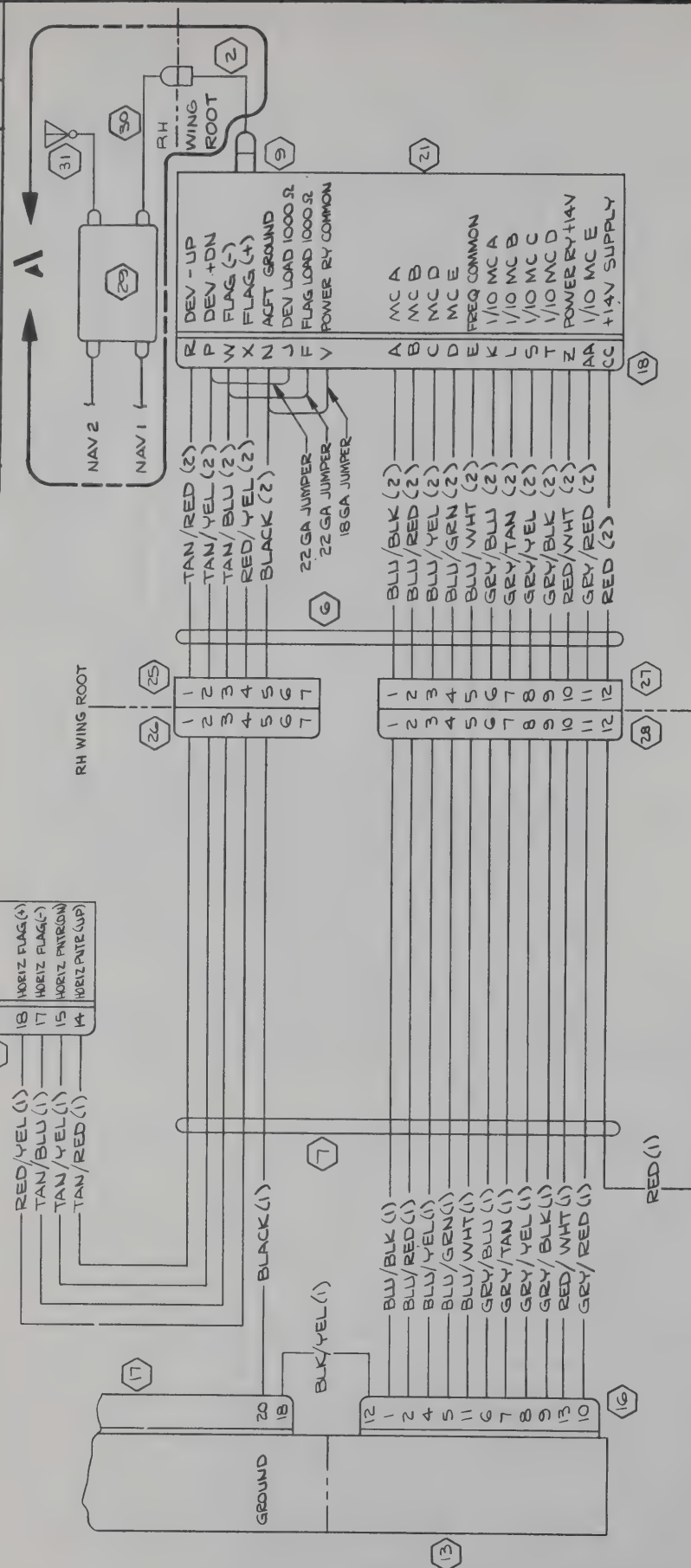
DESIGN
GROUP
DRAWN
CHECK
STRESS
PROJ
APPD
OTHER

SIZE
C
71379
1270700

SCALE
NONE
2:10
2:18.1

EXPER 10703
SER 21059200

REVISIONS		
LTR	DESCRIPTION	DATE
A	SEE PAGE 2.18.1 FOR REVISION	



CONTRACT NO:		NAME		DATE
DESIGN		G. WOOD		10-6-69
GROUP		A. WOOD		10-9-69
DRAWN		H. WOOD		10-9-69
CHECK		H. WOOD		10-11-69
STRESS				
PROJECT		11.11.11.11		10-9-69
APPD		11.11.11.11		10-11-69

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
		5800 E. PAWNEE	
		WICHITA, KANSAS	

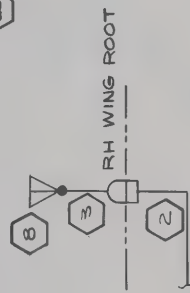
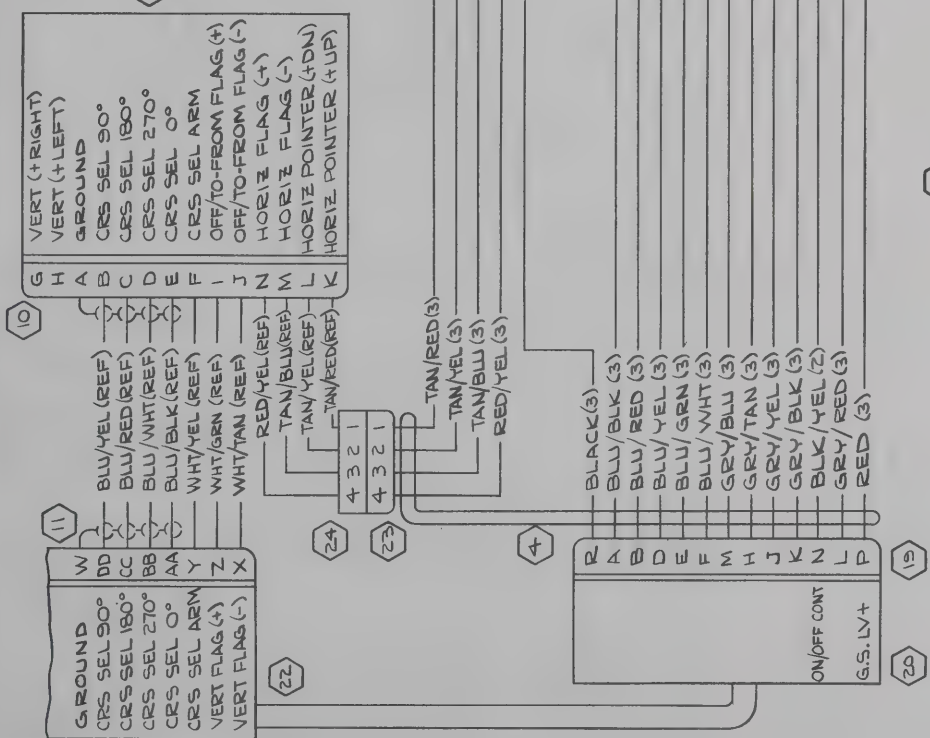
TITLE		WIRING DIAGRAM - CESSNA 400	
DRAWN		GLIDESLOPE FOR USE WITH CESSNA	
CHECK		400 NAV/COMM (ARC TYPE R-543B)	
STRESS			
PROJECT		11.11.11.11	
APPD		11.11.11.11	

SIZE		C 71379	
CODE IDENT.		1270700	
SCALE		NONE	
PAGE		2.18.2	

DETAIL A
THRU SER 21059351

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		
A	SEE PAGE 2.18.1 FOR REVISIONS		

INACTIVE: SER(SRG647)
 EFF THRU 10/9/69
 with 10/9/69
 10/9/69
 10/9/69



VIEW THRU SER(SRG393)

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	SIZE	DWG NO.
G	WOOD	10-6-69	WIRING DIAGRAM—CESSNA 400	C	71379
GROUP	GROUP	10-9-69	GLIDESLOPE FOR USE WITH CESSNA		
DRAWN	DRAWN	5-23-65	300 NAV/COMM (ARC TYPE R-543B)		
CHECK	CHECK	10-1-69			
STRESS	STRESS	10-9-69			
PROJECT	PROJECT	10-9-69			
APPD	APPD	10-9-69			
SCALE: NONE			PAGE: 2.18.3		

LET	DESCRIPTION	DATE	APPD
A	BY REV: RF2 WAS RF1, RF3 WAS RF2, RF4 WAS RF3, RF5 WAS RF4 ED: RR 13178 SER 2105920040N	J.D.R. 11/12/69	John M.W. 1/1/69

WIRE CODE	WIRE	MATERIAL	LG	TERMINALS	SERIALS
BLU/TAN(1)	22	-22-6-10		SOLDER S-1837-1	
BLU/TAN(1)	22	-22-6-10		SOLDER S-1837-1	
BLU/TAN(2)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(3)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(4)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(5)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(6)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(7)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(8)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(9)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(10)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(11)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(12)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(13)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(14)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(15)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(16)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(17)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(18)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(19)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(20)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(21)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(22)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(23)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(24)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(25)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(26)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(27)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(28)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(29)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(30)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(31)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(32)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(33)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(34)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(35)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(36)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(37)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(38)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(39)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(40)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(41)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(42)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(43)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(44)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(45)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(46)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(47)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(48)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(49)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(50)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(51)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(52)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(53)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(54)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(55)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(56)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(57)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(58)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(59)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(60)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(61)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(62)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(63)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(64)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(65)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(66)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(67)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(68)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(69)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(70)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(71)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(72)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(73)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(74)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(75)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(76)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(77)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(78)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(79)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(80)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(81)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(82)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(83)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(84)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(85)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(86)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(87)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(88)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(89)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(90)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(91)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(92)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(93)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(94)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(95)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(96)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(97)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(98)	22	-22-6-9		SOLDER S-1837-2	
BLU/TAN(99)	22	-22-6-9		SOLDER S-1837-1	
BLU/TAN(100)	22	-22-6-9		SOLDER S-1837-2	

WIRE TABLE

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna, AIRCRAFT CO.

WIRING DIAGRAM —
CESSNA 400 COMM

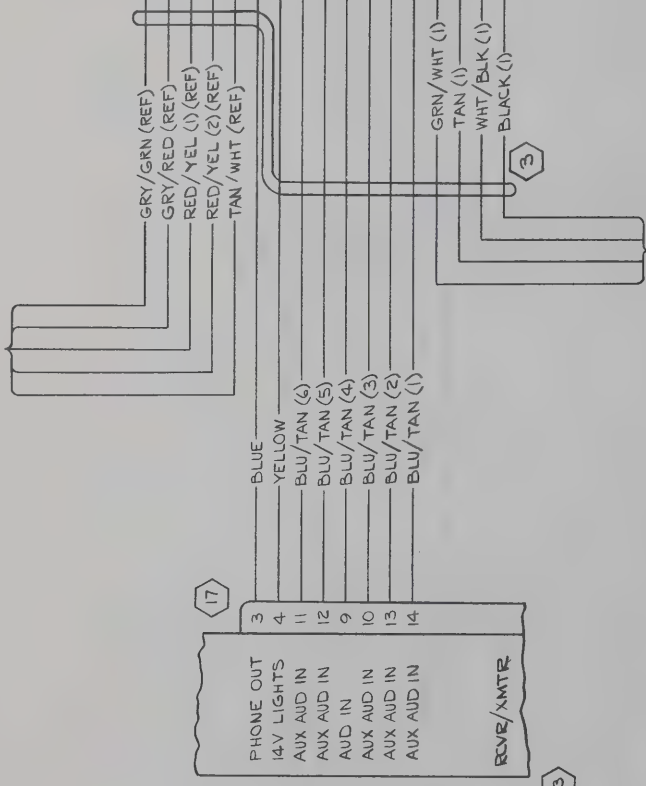
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G 1000	W 1000	10-7-69
GROUP	CHECK	STRESS
H. W. 1000	H. W. 1000	10-7-69
DRAWN	APPROVED	OTHER
J. CONLEY	J. CONLEY	
PROJ	APPD	OTHER
M. W. 1000	M. W. 1000	
SIZE	CODE IDENT.	DWG NO
C	71379	1270700
SCALE	PAGE	PAGE
N 2:1	210	219.1

CONTRACT NO.	NAME	DATE
G 1000	W 1000	10-7-69
DESIGN	NAME	DATE
G 1000	W 1000	10-7-69
GROUP	CHECK	STRESS
H. W. 1000	H. W. 1000	10-7-69
DRAWN	APPROVED	OTHER
J. CONLEY	J. CONLEY	
PROJ	APPD	OTHER
M. W. 1000	M. W. 1000	
SIZE	CODE IDENT.	DWG NO
C	71379	1270700
SCALE	PAGE	PAGE
N 2:1	210	219.1

CONTRACT NO.	NAME	DATE
G 1000	W 1000	10-7-69
DESIGN	NAME	DATE
G 1000	W 1000	10-7-69
GROUP	CHECK	STRESS
H. W. 1000	H. W. 1000	10-7-69
DRAWN	APPROVED	OTHER
J. CONLEY	J. CONLEY	
PROJ	APPD	OTHER
M. W. 1000	M. W. 1000	
SIZE	CODE IDENT.	DWG NO
C	71379	1270700
SCALE	PAGE	PAGE
N 2:1	210	219.1

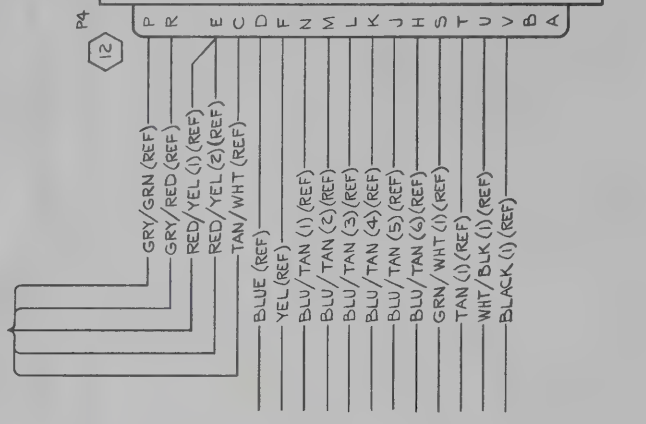
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LTR	DESCRIPTION		

SEE P 2.20.2



SEE P 2.20.4

SEE P 2.20.2



DETAIL 13
2 ND INSTL

CONTRACT NO:		NAME		DATE
DESIGN		G. 140011		10/1/69
GROUP		H. 11000		10/9/69
DRAWN		A. REED		10/30/69
CHECK		HAGGIS		10/1/69
STRESS				
PROJECT		H. 11000		10/9/69
APPD		H. 11000		10/1/69

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE WIRING DIAGRAM - CESSNA 400 NAV/COMM			
SIZE	CODE IDENT.	DWG NO.	
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SCALE: NONE		210	PAGE: 2.20.3

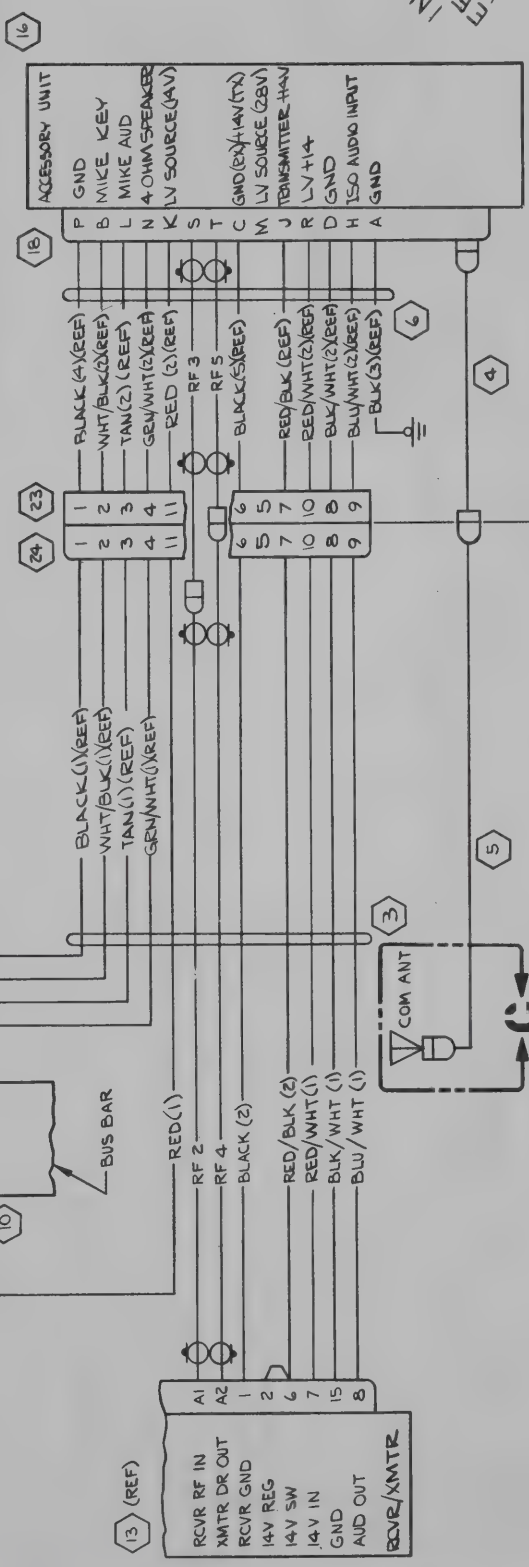
REVISIONS		
LTR	DESCRIPTION	DATE

SEE P 2.20.2

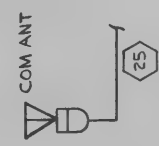
RED/BLU (REF)



SEE P 2.20.3

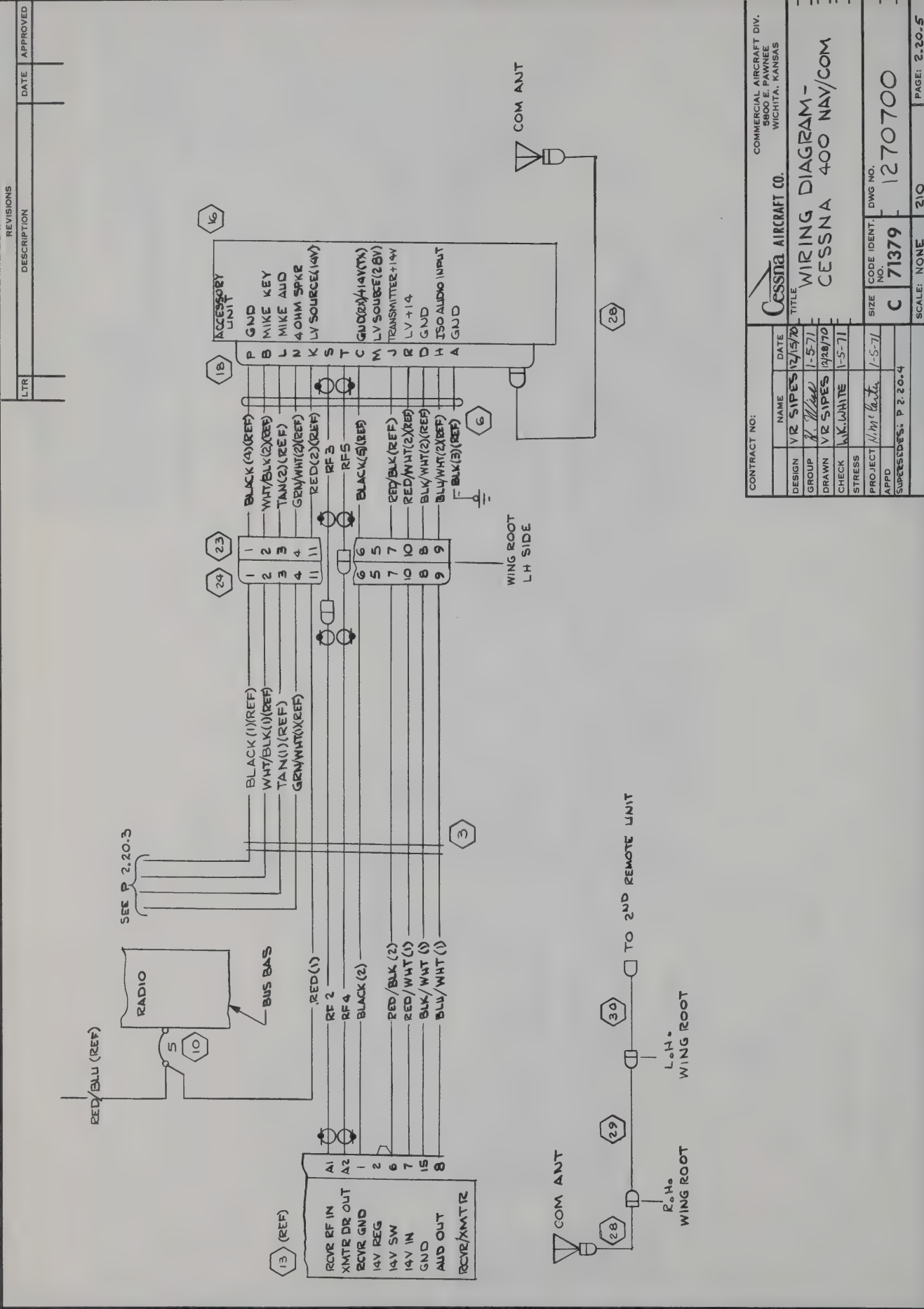


INACTIVE (SR 685)
THRU SER (SR 685)
12/14/70
N/A



DETAIL
NO INSTL

CONTRACT NO:		NAME	DATE
DESIGN		G	10-7-69
GROUP		A. REED	10-9-69
DRAWN		A. REED	9-30-69
CHECK		HARRIS	10-1-69
STRESS			
PROJECT		11/1/69	10-9-69
APPD		11/1/69	10-1-69
SUPERSEDED BY		P 2.20.3	
TITLE		CESSNA AIRCRAFT CO. WIRING DIAGRAM — CESSNA 400 NAV/COMM	
SIZE	CODE IDENT.	DWG NO.	
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SCALE:		NONE	210
PAGE:		2.20.4	



CONTRACT NO:		NAME		DATE
DESIGN		VR SIPS		12/15/70
GROUP		R. W. W.		1-5-71
DRAWN		VR SIPS		12/28/70
CHECK		L.K. WHITE		1-5-71
STRESS				
PROJECT		11M ¹ 6A ¹		1-5-71
APPD		SUPERSEDES: P 2.20.4		

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.		5800 E. PAWNEE		WICHITA, KANSAS	
TITLE		WIRING DIAGRAM -					
		CESSNA 400 NAV/COM					
SIZE		CODE IDENT. NO.		DWG NO.			
C		71379		1270700			
SCALE: NONE		210		PAGE: 2.20.5		SR 6857	

1. A-MP P/N 330024 JACK IS SAME
AS UG-492 D/U JACK

DESCRIPTION

DATE _____

AP

BY REV: ADD NOTE 11330024,
ADD & SER OUT DETAIL A; ADD
276, -278 & 1270705-B
ED&RR 10931 (SR6520)

5

LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD NOTE 1:330024; -ADD #SER OUT DETAIL A; ADD -276,1'-278 & 1270705-B ED4RR 10931 (SR6520)	DGP 4-6-70	WJL KLY 12/24 WKS JDS

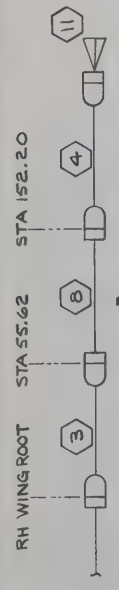
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CONTRACT NO:		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN GROUP	NAME	DATE	TITLE	CESSNA AIRCRAFT CO.	
WOOD	WOOD	10-6-69	WIRING DIAGRAM --		
GROUP	H. WOOD	10-9-69	CESSNA 400 TRANSPONDER		
DRAWN	HOUDEAK	9-23-69			
CHECK	HARRIS	10-1-69			
STRESS					
PROJ	Whitaker	10-9-69		DWG NO	
APPD	McBryen	10-1-69		CODE IDENT. NO.	71379
OTHER				SIZE	C
				SCALE	NONE
					Z10
					PAGE: 2, 23, 1

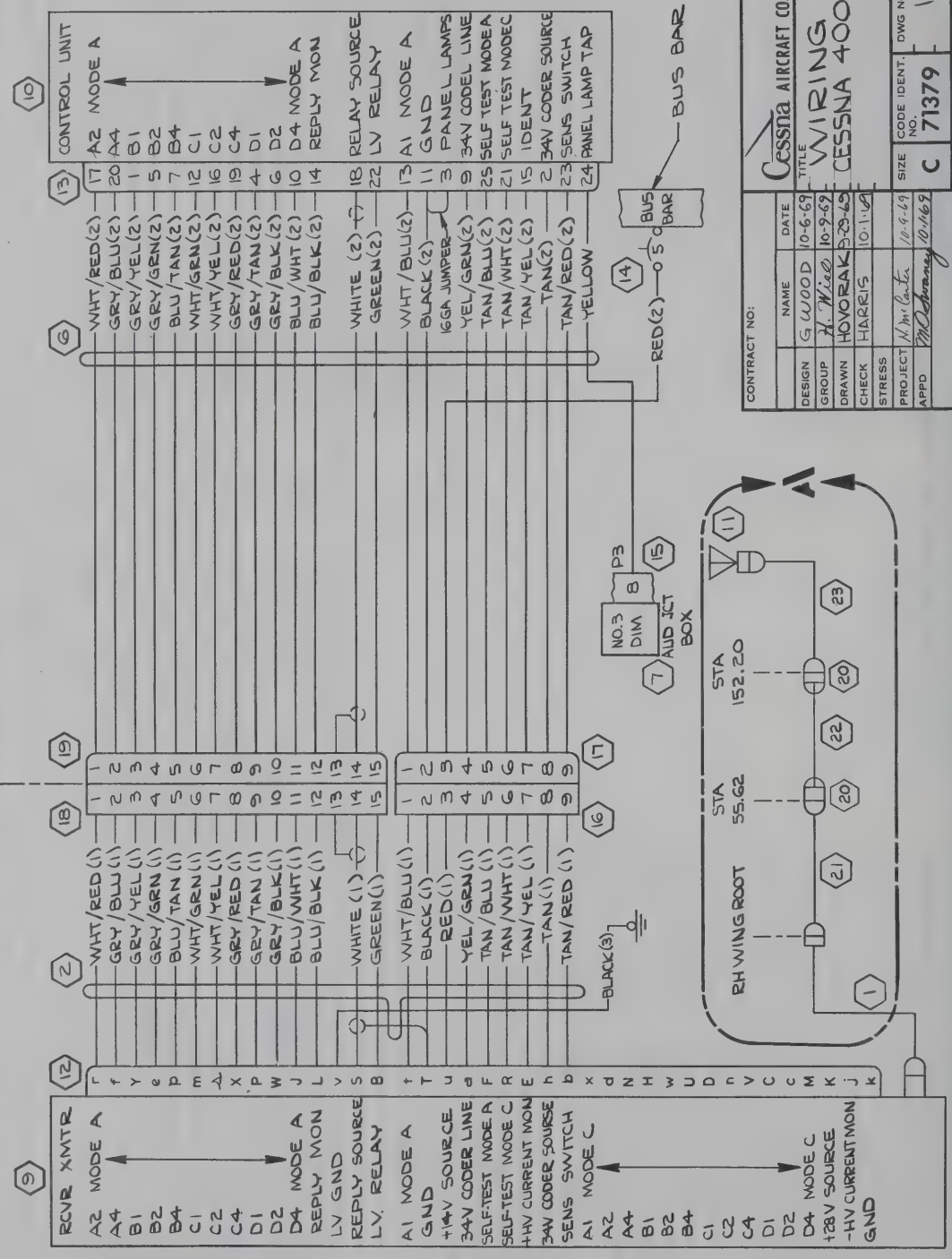
25	-278	CABLE ASSY	2,22.0
22	1270705-8	CABLE ASSY	2,32
21	-276	CABLE ASSY	2,22.0
20	33002-4	JACK ADAPTER	2,22.0
19	5-1962-2-0	HOUSING	2,22.0
18	5-1962-1-0	HOUSING	2,22.0
17	5-1961-2-0	HOUSING	2,22.0
16	5-1961-1-0	HOUSING	2,22.0
15	5-1838-3	HOUSING	3,12
14	5-1360-5	CIRCUIT BREAKER	2,22.0
13	37451-0002	CONNECTOR KIT	2,22.0
12	37449-0002	CONNECTOR KIT	6,8
11	34570-0000	ANTENNA	3,12
10	34960-0000	CONTROL UNIT	4,4
9	34950-0014	RCVR /XMT2	7,7
8	1270705-4	CABLE ASSY	2,22.0
7	-714	JCT BOX INSTL	2,32
6	-258	CABLE ASSY	2,22.0
5	-256	CABLE ASSY	2,32
4	-255	CABLE ASSY	2,22.0
3	-227	CABLE ASSY	2,22.0
2	-215	CABLE ASSY	2,22.0
1			
PART NO.		DESCRIPTION	
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.			
SUPERSEDES:			
SUPERSEDED BY:			

DETAIL

THRU SER(SR6520)



RH WING ROOT



CONTRACT NO.

NAME

DATE

DESIGN

GROUP

DRAWN

CHECK

STRESS

PROJECT

APPD

COMMERCIAL AIRCRAFT DIV.

5800 E. PAVNEE

WICHITA, KANSAS

Cessna AIRCRAFT CO.

WIRING DIAGRAM-

CESSNA 400 TRANSPONDER

SCALE: NONE

210

PAGE: 2.2.2.2

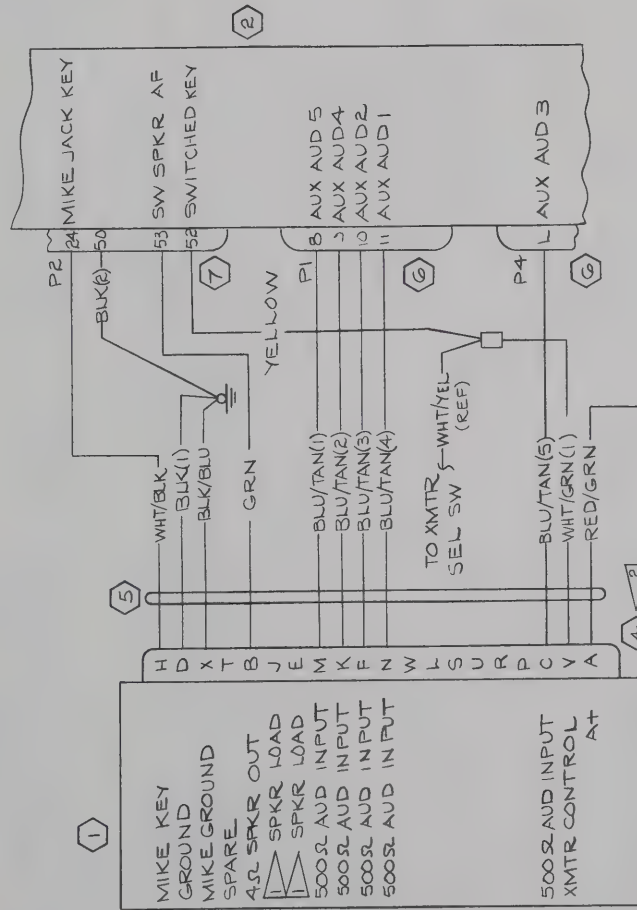
ENDS IN CASE

(CORNALIX)

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: DELETE -250 ED: RR 10777	J.D.R. 1-5-70	(JWA 6/70)
B	BY REV: ADD DETAIL B, -289-290 P SER SR 6851	VES 12/28/70	(JWA 6/70)

32	-290	CABLE ASSY	2.301	WHITE(2) 14	-14-9	S-1963-2 SOLDER
31	-289	CABLE ASSY	2.3.11	WHITE(1) 14	-14-9	SOLDER S-1963-1
30	S-1838-2	HOUSING	2.24.0	TAN/RED(2) 22	-22-10-2	S-1963-2 SOLDER
29	VOA-40	INDICATOR	3.14	TAN/RED(1) 22	-22-10-2	SOLDER S-1963-1
28	1775-100	CONN KIT ASSY	2.24.0	TAN 22	-22-10	SOLDER S-1837-1
27	K41116-1	CONNECTOR	2.24.0	RED/YEL 22	-22-2-4	SOLDER SOLDER
26	41117-1	CONNECTOR		RED 16	-16-2	SOLDER S-1870-2
25	41116-1	CONNECTOR		GRY/YEL 22	-22-8-4	SOLDER SOLDER
24	-263	CABLE ASSY	2.1	GRY/RED 22	-22-8-2	SOLDER S-1837-1
23				GRY/GRN 22	-22-8-5	SOLDER S-1837-1
22	1270705-3	CABLE ASSY		GRY/BLU 22	-22-8-6	SOLDER SOLDER
21	-200	CABLE ASSY	2.1	GRN(2) 20	-20-5	S-1963-2 SOLDER
20	1270012-1	ANTENNA-NAV	6.3	GRN(1) 20	-20-5	S-1837-1 S-1963-1
19	S-1960-2-0	HOUSING-CAP	2.24.0	BLU/RED(2) 22	-22-6-2	S-1963-2 SOLDER
18	S-1960-1-0	HOUSING-PLUG	2.24.0	BLU/RED(1) 22	-22-6-2	SOLDER S-1963-1
17	-265	CABLE ASSY	2.24.0	BLU/GRN(2) 22	-22-6-5	S-1963-2 SOLDER
16	T-12MP-12A-1	PWR AUDIO UNIT	4.7	BLU/GRN(1) 22	-22-6-5	SOLDER S-1963-1
15	K41271-1	PLUG	2.24.0	BLUE(2) 22	-22-6	S-1963-2 SOLDER
14	K41182-2	CAP	2.24.0	BLUE(1) 22	-22-	S-1837-1 S-1963-1
13	0570084-1	JCT BOX ASSY	7.7	BLK/YEL 22	-22-0-4	SOLDER SOLDER
12	S-1961-2-4	HOUSING-CAP	2.24.0	BLACK(5) 22	-22-0	SOLDER SOLDER
11	S-1961-1-4	HOUSING-PLUG	2.24.0	BLACK(4) 22	-22-0	SOLDER SOLDER
10	S-1360-15	CIRCUIT BREAKER	3.14	BLACK(3) 16	-16-0	SOLDER S-1837-1
9	-266	CABLE ASSY	2.24.0	BLACK(2) 16	-16-0	SOLDER S-1963-2
8	K41182-2	CAP	2.24.0	BLACK(1) 16	-16-0	SOLDER S-1963-1
7	K41271-1	PLUG	2.24.0	WIRE CODE NO. 16	MATERIAL	TERMINALS
6	41181-3	CONNECTOR				
5	MARK 12B	NAV/COMM(360 CHAN)	3.15			
4	MARK 12B	NAV/COMM(90 CHAN)	3.14			
3	41130-2	CONNECTOR				
2	-202	CABLE ASSY - ANT.	2.3			
1	C598501-0102	ANTENNA - COMM	6.1			

WIRE TABLE CONTRACT NO.: NAME: G. WOOD DATE: 10-6-69 DESIGN: 10-6-69 GROUP: 10-6-69 DRAWN: D.G. PLAIN CHECK: HARRIS STRESS: 10-6-69 PROJ: 10-6-69 APPD: 10-6-69 OTHER: 10-6-69		WIRE TABLE CONTRACT NO.: NAME: G. WOOD DATE: 10-6-69 DESIGN: 10-6-69 GROUP: 10-6-69 DRAWN: D.G. PLAIN CHECK: HARRIS STRESS: 10-6-69 PROJ: 10-6-69 APPD: 10-6-69 OTHER: 10-6-69	
EQUIPMENT TABLE PART NO. DESCRIPTION 1 C598501-0102 ANTENNA - COMM 2 -202 CABLE ASSY - ANT. 3 41130-2 CONNECTOR 4 MARK 12B NAV/COMM(90 CHAN) 5 MARK 12B NAV/COMM(360 CHAN) 6 41181-3 CONNECTOR 7 K41271-1 PLUG 8 K41182-2 CAP 9 -266 CABLE ASSY 10 S-1360-15 CIRCUIT BREAKER 11 S-1961-1-4 HOUSING - PLUG 12 S-1961-2-4 HOUSING - CAP 13 0570084-1 JCT BOX ASSY 14 K41182-2 CAP 15 K41271-1 PLUG 16 T-12MP-12A-1 PWR AUDIO UNIT 17 -265 CABLE ASSY 18 S-1960-1-0 HOUSING - PLUG 19 S-1960-2-0 HOUSING - CAP 20 1270012-1 ANTENNA - NAV 21 -200 CABLE ASSY 22 1270705-3 CABLE ASSY 23 24 -263 CABLE ASSY 25 41116-1 CONNECTOR 26 41117-1 CONNECTOR 27 K41116-1 CONNECTOR 28 1775-100 CONN KIT ASSY 29 VOA-40 INDICATOR 30 S-1963-2 HOUSING 31 32 -290 CABLE ASSY		WIRING DIAGRAM - NARCO MARK 12B WITH VOA-40 INDICATOR SIZE: C CODE IDENT: 71379 DWG NO: 1270700 SCALE: NONE 210 PAGE: 224-1	



SWT02

- 1 THESE CIRCUITS PROVIDE A 45L, 5 WATT SPEAKER LOAD WHEN REQD BY THE RADIO INSTL
- 3 CONNECTOR IS FURNISHED WITH KA-25C

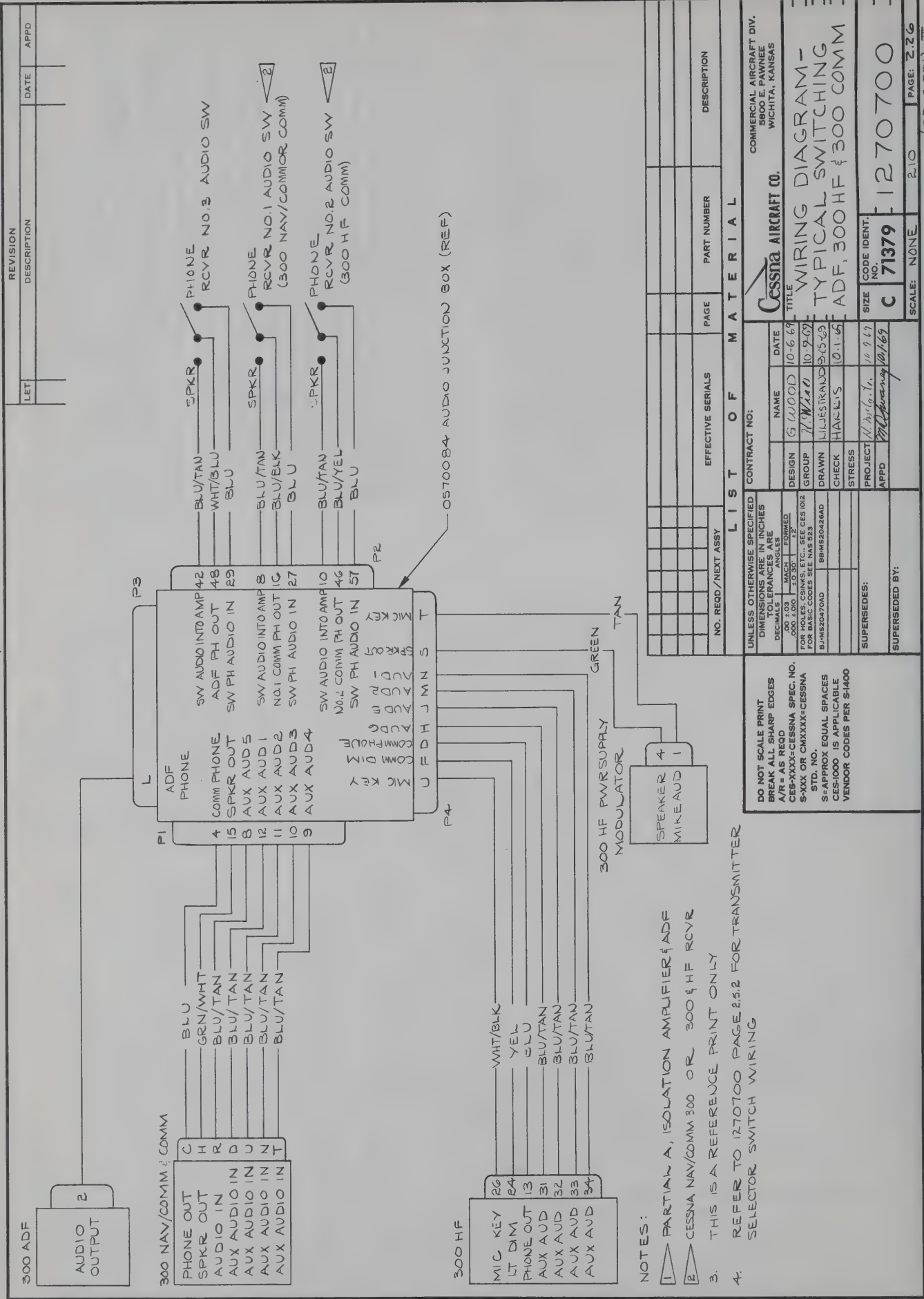
WHT/GRN/22	-22-9-5	S-1837-1	WHT/YEL
BLU/TAN/5	-22-6-10	S-1837-1	SOLD
BLU/TAN/4	-22-6-10		
BLU/TAN/3	-22-6-10		
BLU/TAN/2	-22-6-10		
BLU/TAN/1	-22-6-10	S-1837-1	SOLDER
YEL	-22-9-4	S-1870-1	SOLDER
WHT/GRN/0	-22-9-5	SOLDER	S-1870-1
BLK/BLU	-22-0-6	S-1847-1-6	SOLDER
WHT/BLK	-22-9-0	S-1837-1	SOLDER
GRN	-20-5	S-1837-1	SOLDER
BLK/2	-18-0	S-1827-1-6	S-1837-1
BLK/1	-18-0	S-1827-1-6	SOLDER
WIRE			
WIRE			
			SERIALS

CONTRACT NO:		WIRE TABLE			
DESIGN	NAME	DATE	 CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
GROUP	G WOOD	10-6-69			
DRAWN	H. W. 100	10-9-69			
CHECK	L. HESTRAND	9-25-69			
STRESS	HARRIS	10-1-69			
PROJ	N. Hestrand	10-9-69			
APPD	N. Hestrand	10-1-69	CODE IDENT. NO. C 71379	DWG NO. 1270700	
OTHER			SCALE: NONE	2:10	PAGE: 225.1

7	S-1838-1	HOUSING	
6	S-1838-2	HOUSING	
5	-231	CABLE ASSY	
4	030-200F-00	CONNECTOR	
3	S-1360-5	CKT BKR	
2	0570084-1	JCT BOX ASSY	7.7
1	KA-25C	AUDIO AMPLIFIER	7.8
PART NO.		DESCRIPTION	PAGE
EQUIPMENT TABLE			

GES-1000 IS APPLICABLE
 VENDOR CODES PER 51400
 CES-XXXX-CESSNA SPEC. NO.
 S-XXX OR CMXXXX-CESSNA
 STD. NO.

SUPERSEDED BY:
 SUPERSEDED BY:



NOTES:

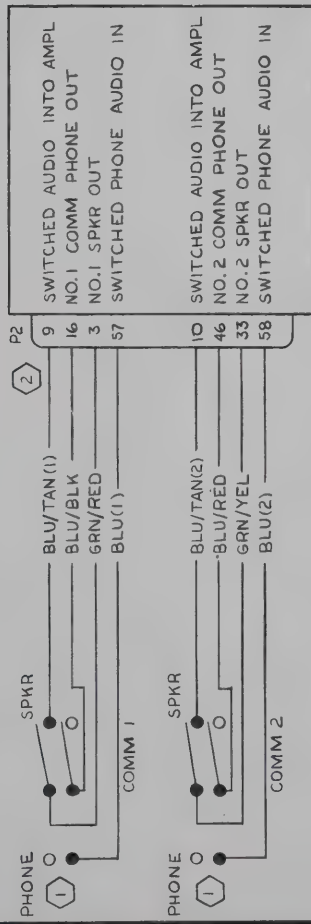
- 1 PARTIAL A, ISOLATION AMPLIFIER & ADF
- 2 CESSNA NAV/COMM 300 OR 300 HF RCVR
- 3 THIS IS A REFERENCE PRINT ONLY
- 4 REFER TO 1270700 PAGE 252 FOR TRANSMITTER SELECTOR SWITCH WIRING

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
DIMENSIONS ARE IN INCHES	NAME	DATE	
BREAK ALL SHARP EDGES	G. WOOD	10-6-69	
IRAS REED	DESIGN		
CES-XXX=CESNA SPEC. NO.	GROUP	7/11/11	
S-XXX OR CMXXX=CESNA	DRAWN	WILKINSON	
STD. NO.	CHECK	HACKLES	
S=APPROX EQUAL SPACES	STRESS		
CES-1000 IS APPLICABLE	PROJECT	11/11/11	
VENDOR CODES PER S-1400	APPD	10/1/69	
SUPERSEDES:		SUPERSEDED BY:	

CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
WIRING DIAGRAM -		5800 E. PAWNEE	
TYPICAL SWITCHING		WICHITA, KANSAS	
ADF, 300 HF & 300 COMM			
CODE IDENT.	SIZE	SCALE	PAGE
C 71379	C	NONE	226
1270700		(SER 601) II	

REVISION

LET	DESCRIPTION	DATE	APPD
A	BY REV: PIN 10 ON P2 WAS PIN 38 RLY ED 42R 10863	1-12-70	UWY RLY 1/14/6



3

WIRE	CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
GRN/YEL	22	-22-5-4			S-1837-1	SOLDER
BLU/BLK	22	-22-6-0				
BLU/RED	22	-22-6-2				
GRN/RED	22	-22-5-2				
BLU(2)	22	-22-6				
BLU(1)	22	-22-6				
BLU/TAN	22	-22-6-10				
BLU/TAN	22	-22-6-10			S-1837-1	SOLDER
WIRE	CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO:

NAME	DATE
G. WOOD	10-6-69
H. W. Lee	10-9-69
J. D. RAINES	9/29/69
HARRIS	10-1-69

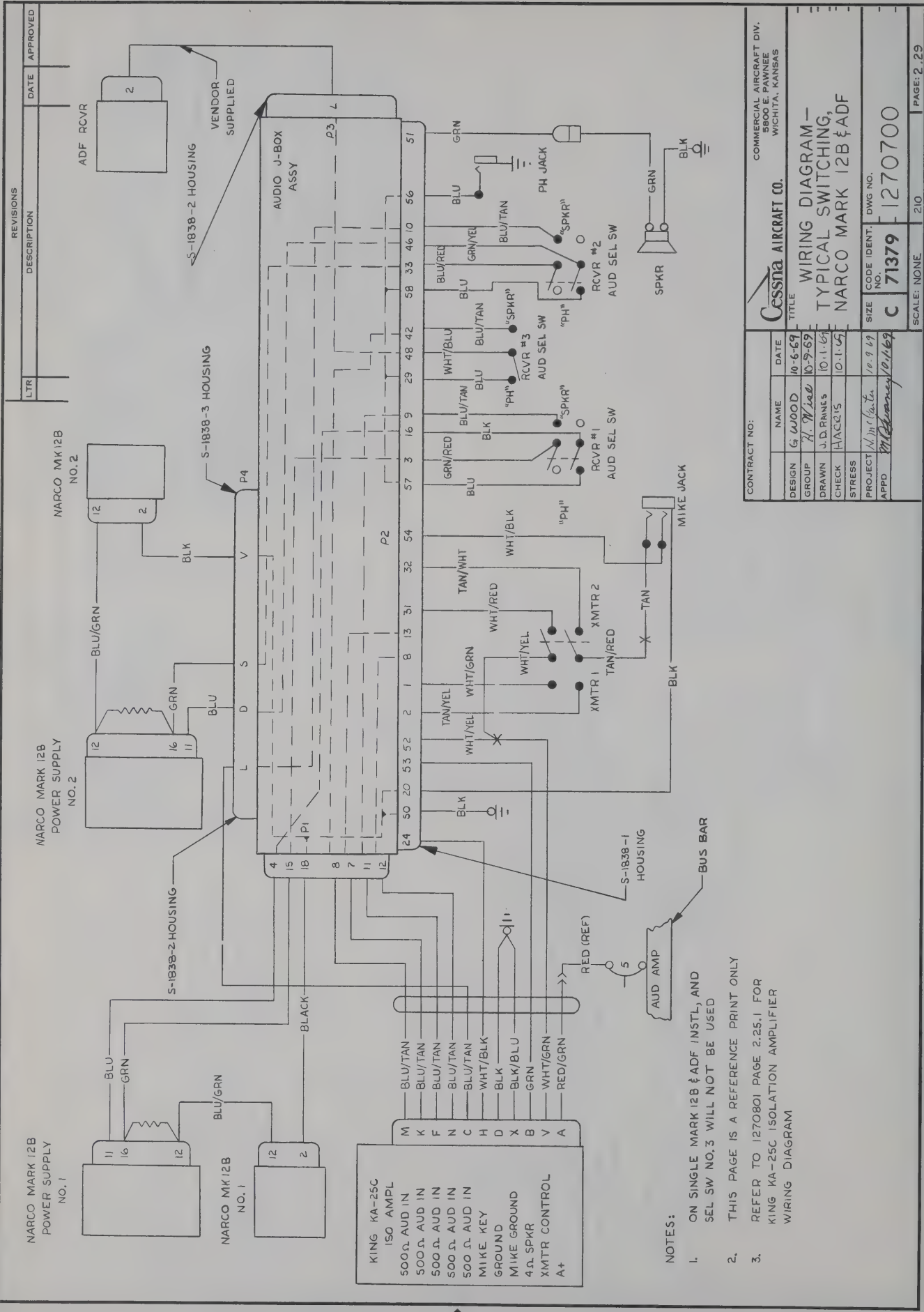
DESIGN: 10-6-69
GROUP: 10-9-69
DRAWN: 9/29/69
CHECK: 10-1-69
STRESS: 10-9-69
PROJ: 10-9-69
APPD: 10-9-69
OTHER: 10-9-69

WIRING DIAGRAM --
AUDIO SELECTOR SWITCH,
NARCO MK 12B

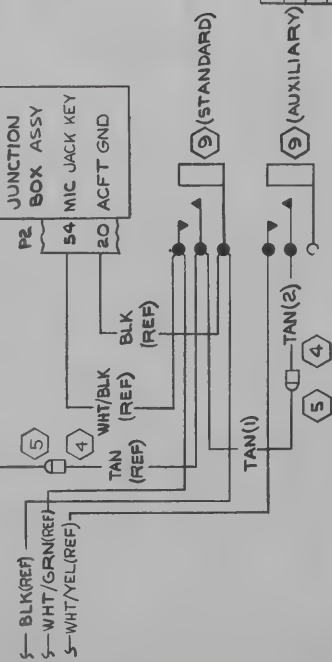
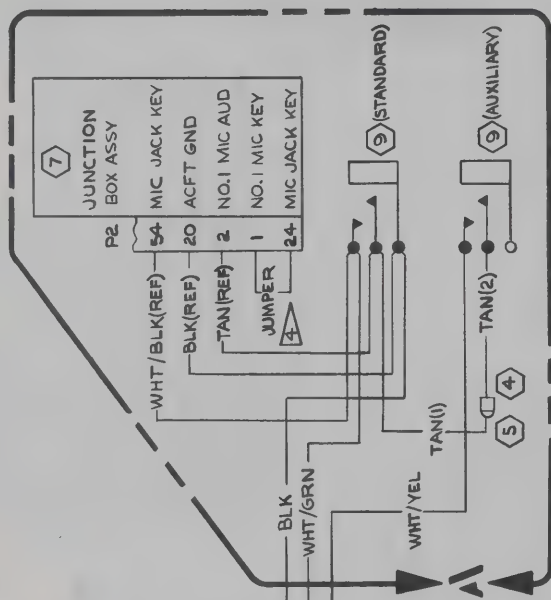
SIZE: 10-9-69
CODE IDENT: 10-9-69
NO. C 71379
DWG NO. 1270700

SCALE: NONE 210
PAGE: 2, 27, 1

ITEM NO	PART NO.	DESCRIPTION	PAGE
3	0570084-1	JCT BOX ASSY	7.7
2	S-1838-1	HOUSING	2.25
1	S-1696-1	SWITCH	2.27.0
EQUIPMENT TABLE			
SUPERSEDES:			
CES-1000 IS APPLICABLE			
VENDOR CODES PER S1400			
CES-XXXX-CESNA SPEC. NO.			
S-XXX OR C-XXXX-CESNA			
STD. NO.			



REV	DESCRIPTION	DATE	APPD



- DETAIL
(APPLIES TO DUAL
UNIT INSTALLATION)
- NORMALLY CLOSED TERMINALS (LONG LEAF) TO BE CLIPPED OFF BEFORE INSTALLATION IN CONTROL WHEEL
 - WHITE, BLACK & GRAY WIRES TO BE STRIPPED FROM SF-1030-BX CABLE BEFORE INSTALLING IN CONTROL WHEEL
 - PART OF SF-1030-BX (08261) CABLE
 - JUMPER REQUIRED FOR SINGLE UNIT INSTALLATION
 - 60215-4LP TERMINAL (00719)

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	-22-0		SOLDER	
WHT/YEL	22	-22-9-4		SOLDER	
WHT/GRN	22	-22-9-5		SOLDER	
GRN				SOLDER	
VIO				SOLDER	
YEL				SOLDER	
TAN(2)	22	-22-10		S-16361	SOLDER
TAN(1)	22	-22-10		SOLDER	S-1635-1

WIRE TABLE

CONTRACT NO. _____

NAME _____ DATE _____

DESIGN _____

GROUP _____

DRAWN _____

CHECK _____

STRESS _____

PROJ _____

APPD _____

OTHER _____

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

CESNA AIRCRAFT CO.

TITLE
WIRING DIAGRAM —
MICROPHONE SWITCH,
CONTROL WHEEL

SIZE
C

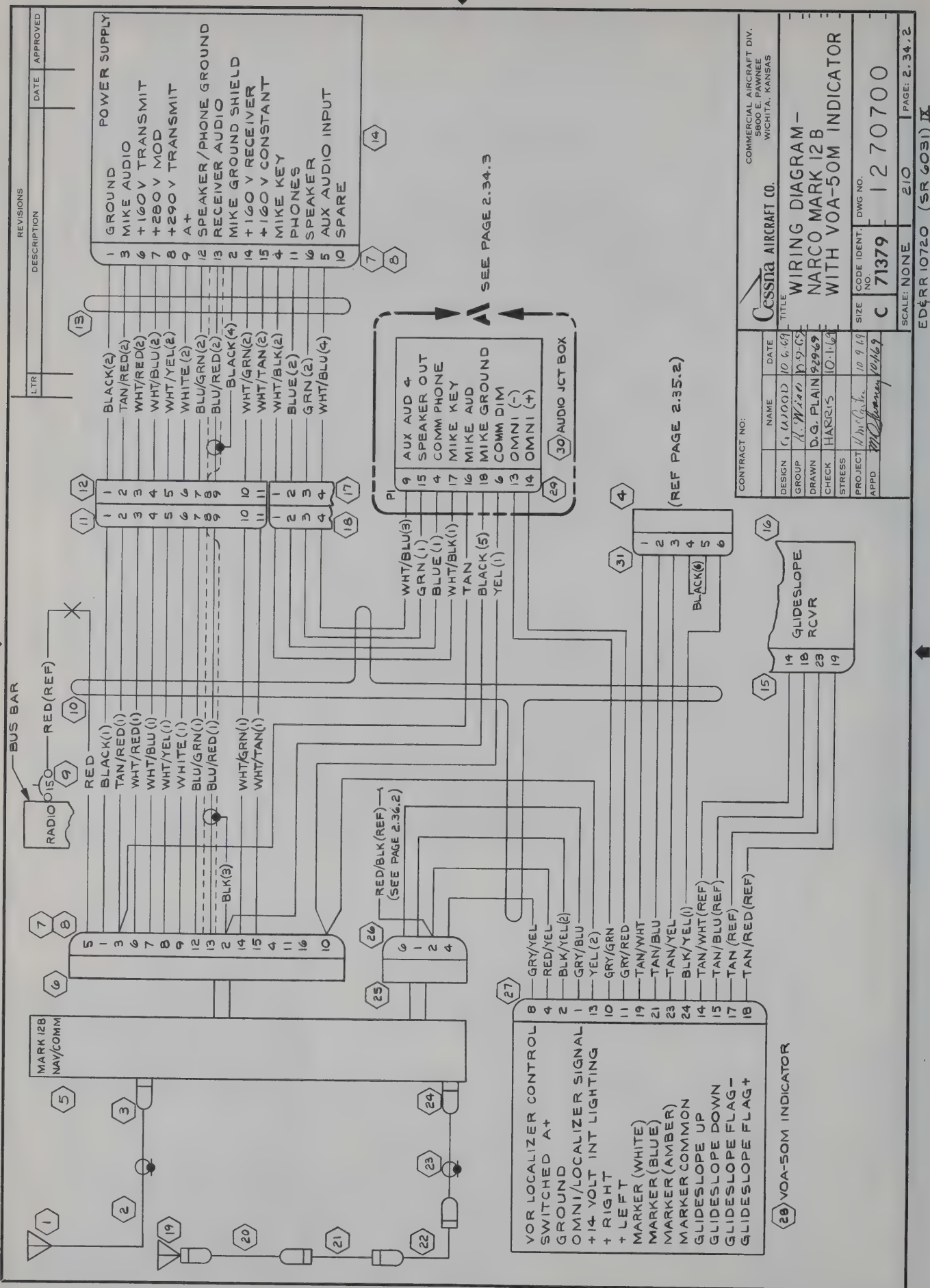
CODE IDENT.
NO.
71379

DWG NO.
1270700

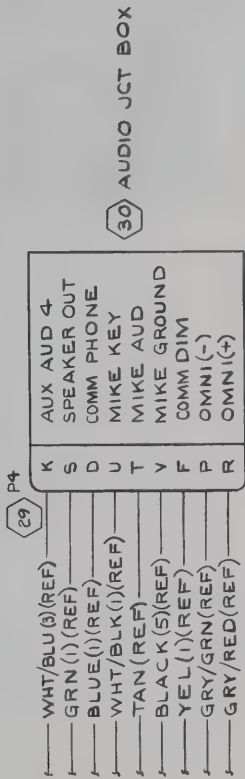
SCALE: NONE 210 PAGE: 233.1

EQUIPMENT TABLE

PART NO.	DESCRIPTION
12	1270062-1
11	1270061-1
10	1270060-1
9	5-1102-1
8	2551030190
7	0570084-1
6	582384-9
5	5-1637-1
4	5-1637-2
3	SF-1030-BX
2	S-1985-1
1	S-2030-1



REVISIONS		
LTR	DESCRIPTION	DATE



30 AUDIO JCT BOX

DETAIL A
(2ND INSTL)

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PARKWAY WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
G 11101D	H. W. W. W.	10 6 69	WIRING DIAGRAM-		
GROUP	D.G. PLAIN	9-29-69	NARCO MARK 12B WITH		
DRAWN	HARRIS	10-1-69	VOA-50M INDICATOR		
CHECK					
STRESS					
PROJECT	11/15/69	10 9 69	CODE IDENT. NO.		
APPRO	W. W. W.	10/16/69	C 71379		
SIZE			DWG NO.		
SCALE: NONE			210		
PAGE: 2.34.3			1270700		

INACTIVE: 21059200
EFF SER 21059351
THRU SER 2105925
BY S-5-70
LWJ
HJW
NME

LET	DESCRIPTION	DATE	APPD

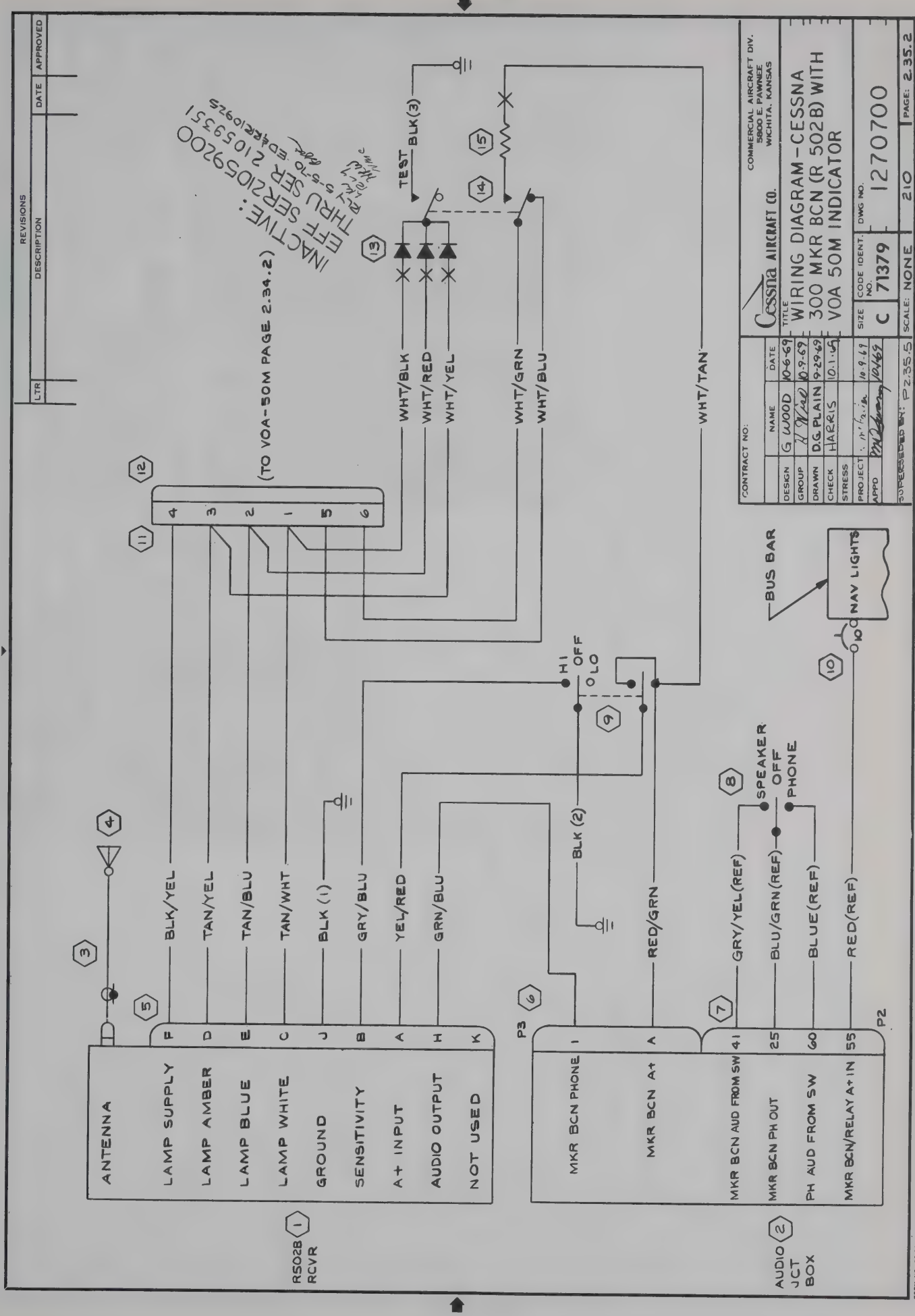
YEL/RED	20	-22-4-2	SOLDER	SOLDER
WHT/YEL	22	-22-9-4	SEE TAN/YEL	S-1370-1
WHT/TAN	22	-22-9-10	SOLDER	S-1370-1
WHT/RED	22	-22-9-2	SEE TAN/YEL	S-1370-1
WHT/GRN	22	-22-9-5	SOLDER	S-1636-1
WHT/BLK	22	-22-9-0	SEE TAN/WHT	S-1370-1
WHT/BLU	22	-22-9-6	SOLDER	S-1636-1
TAN/YEL	22	-22-10-4	SOLDER	S-1636-2
TAN/WHT	22	-22-10-9	SOLDER	S-1636-2
TAN/BLU	22	-22-10-6	SOLDER	S-1636-2
RED/GRN	20	-20-2-5	SOLDER	S-1837-1
GRY/BLU	22	-22-8-6	SOLDER	SOLDER
GRN/BLU	20	-20-5-6	SOLDER	S-1837-1
BLK/YEL	22	-22-0-4	SOLDER	S-1636-1
BLACK(3)	22	-22-0	SOLDER	S-1367-8
BLACK(2)	22	-22-0	SOLDER	S-1367-18
BLACK(1)	18	-18-0	SOLDER	S-1367-18
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
				SERIALS

15	VAL 3-12	RESISTOR	2.35.0
14	S-1696-4	SWITCH	2.35.0
13	F4	DIODE	2.35.0
12	S-1640-6	HOUSING-PIN	2.34.0
11	S-1641-6	HOUSING-SOCKET	2.35.0
10	S-1360-10	CIRCUIT BREAKER	3.16
9	S-1696-2	SWITCH	2.35.0
8	S-1695-1	SWITCH	2.35.0
7	S-1838-1	HOUSING	2.35.0
6	S-1838-3	HOUSING	2.35.0
5	28371-0009	CONNECTOR	2.35.0
4	C589506-0101	ANTENNA-MKR BCN	6.12
3	-218	CABLE ASSY-ANT.	2.10
2	0570084-1	JCT BOX ASSY	7.7
1	31240-0014	RECEIVER	4.1

CONTRACT NO:		NAME	DATE
		G WOOD	10-6-69
DESIGN	GROUP	D.G. PLAIN	9-29-69
CHECK	CHECK	HAE/S	10-1-69
STRESS	STRESS		
PROJ	PROJ	H M/Kit	10-9-69
APPD	APPD	M/Kit	10-16-69
OTHER	OTHER		

EQUIPMENT TABLE		SUPERSEDES:	
PART NO.	DESCRIPTION	P 2.35.4	
SUPERSEDED BY:			
STD. NO.			

CROSSING AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
5800 E. PAWNEE		WICHITA, KANSAS	
TITLE		WIRING DIAGRAM -	
CESSNA 300 MKR BCN(R-502B)		WITH VOA-50M INDICATOR	
SIZE	CODE IDENT	DWG NO	
C	71379	1270700	
SCALE:	NONE	210	PAGE: 2.35.1



CONTRACT NO.		NAME		DATE	
DESIGN		G WOOD		10-6-69	
GROUP		H WOOD		10-9-69	
DRAWN		DG PLAIN		9-29-69	
CHECK		HARRIS		10-1-69	
STRESS		HARRIS		10-1-69	
PROJECT		HARRIS		10-1-69	
APPRO		HARRIS		10-1-69	
SUPERSEDES BY:		P 2.35.5		SCALE: NONE	
PAGE:		210		2.35.2	

COMMERCIAL AIRCRAFT DIV.		5800 E. PAWNEE		WICHITA, KANSAS	
Cessna AIRCRAFT CO.		TITLE		WIRING DIAGRAM - CESSNA	
DESIGN		G WOOD		10-6-69	
GROUP		H WOOD		10-9-69	
DRAWN		DG PLAIN		9-29-69	
CHECK		HARRIS		10-1-69	
STRESS		HARRIS		10-1-69	
PROJECT		HARRIS		10-1-69	
APPRO		HARRIS		10-1-69	
SUPERSEDES BY:		P 2.35.5		SCALE: NONE	
PAGE:		210		2.35.2	

REVISION			
LET	DESCRIPTION	DATE	APPRO
A	BY REV: INTERCHANGE GRN/BLU WIRES TO S-2062-3, S-2062-3 WAS S-2062-1. SER 210593524 ON	VRS 10-15-70	WJ

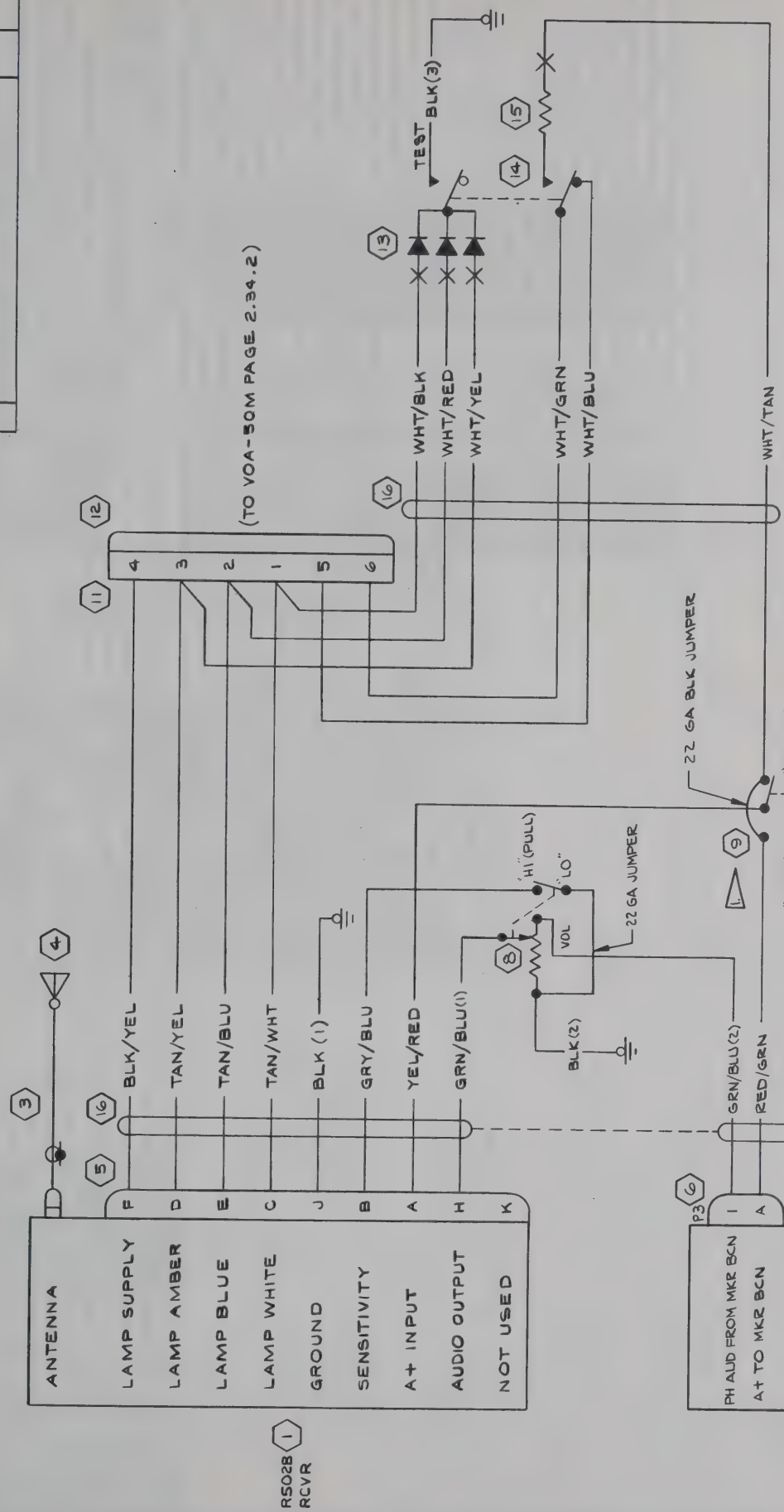
PART NO.		DESCRIPTION	
EQUIPMENT TABLE		SUPERSEDED BY:	
CES-1000 IS APPLICABLE		P2 35.1	
VENDOR CODES PER S-1400		CES-XXXX-CESNA SPEC. NO.	
S-XXX OR CMAXX-CESNA		STD. NO.	
16	-280	CABLE ASSY	2.35.3
15	VAL 3-12	RESISTOR	2.35.3
14	S-1696-4	SWITCH	2.35.3
13	F 4	DIODE	2.35.3
12	S-1640-6	HOUSING-PIN	2.34.
11	S-1641-6	HOUSING-SOCKET	2.35.3
10	S-1360-10	CIRCUIT BREAKER	3.16
9	S-1696-2	SWITCH	2.35.3
8	S-2062-3	CONTROL	2.35.3
7	S-1838-1	HOUSING	2.35.3
6	S-1838-3	HOUSING	2.35.3
5	28371-0009	CONNECTOR	2.35.3
4	C589506-0101	ANTENNA-MKRBCN	6.12
3	-218	CABLE ASSY-ANT.	2.11.0
2	0570084-1	JCT BOX ASSY	7.7
1	31240-0014	RECEIVER	4.1

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
BLUE 22	-22-6			S-1837-1	SOLDER
BLU/GRN 22	-22-6-5			S-1837-1	SOLDER
GRY/YEL 22	-22-8-4			S-1837-1	SOLDER
GRN/BLU 20	-20-8-6			S-1837-1	SOLDER
YEL/RED 20	-22-4-2			SOLDER	SOLDER
WHT/YEL 22	-22-9-4			SEE TAN/YEL	S-1370-1
WHT/TAN 22	-22-9-10			SOLDER	S-1370-1
WHT/RED 22	-22-9-2			SEE TAN/BLU	S-1370-1
WHT/GRN 22	-22-9-5			SOLDER	S-1636-1
WHT/BLK 22	-22-9-0			SEE TAN/WHI	S-1370-1
WHT/BLU 22	-22-9-6			SOLDER	S-1636-1
TAN/YEL 22	-22-10-4			SOLDER	S-1636-2
TAN/WHI 22	-22-10-9			SOLDER	S-1636-2
TAN/BLU 22	-22-10-6			SOLDER	S-1837-1
RED/GRN 20	-20-2-5			SOLDER	S-1837-1
GRY/BLU 22	-22-8-6			SOLDER	SOLDER
GRN/BLU 20	-20-5-6			SOLDER	S-1837-1
BLK/YEL 22	-22-0-4			SOLDER	S-1636-1
BLACK 22	-22-0			SOLDER	S-1367-4
BLACK 22	-22-0			SOLDER	S-1367-1-8
BLACK 22	-18-0			SOLDER	S-1367-1-8

WIRE TABLE

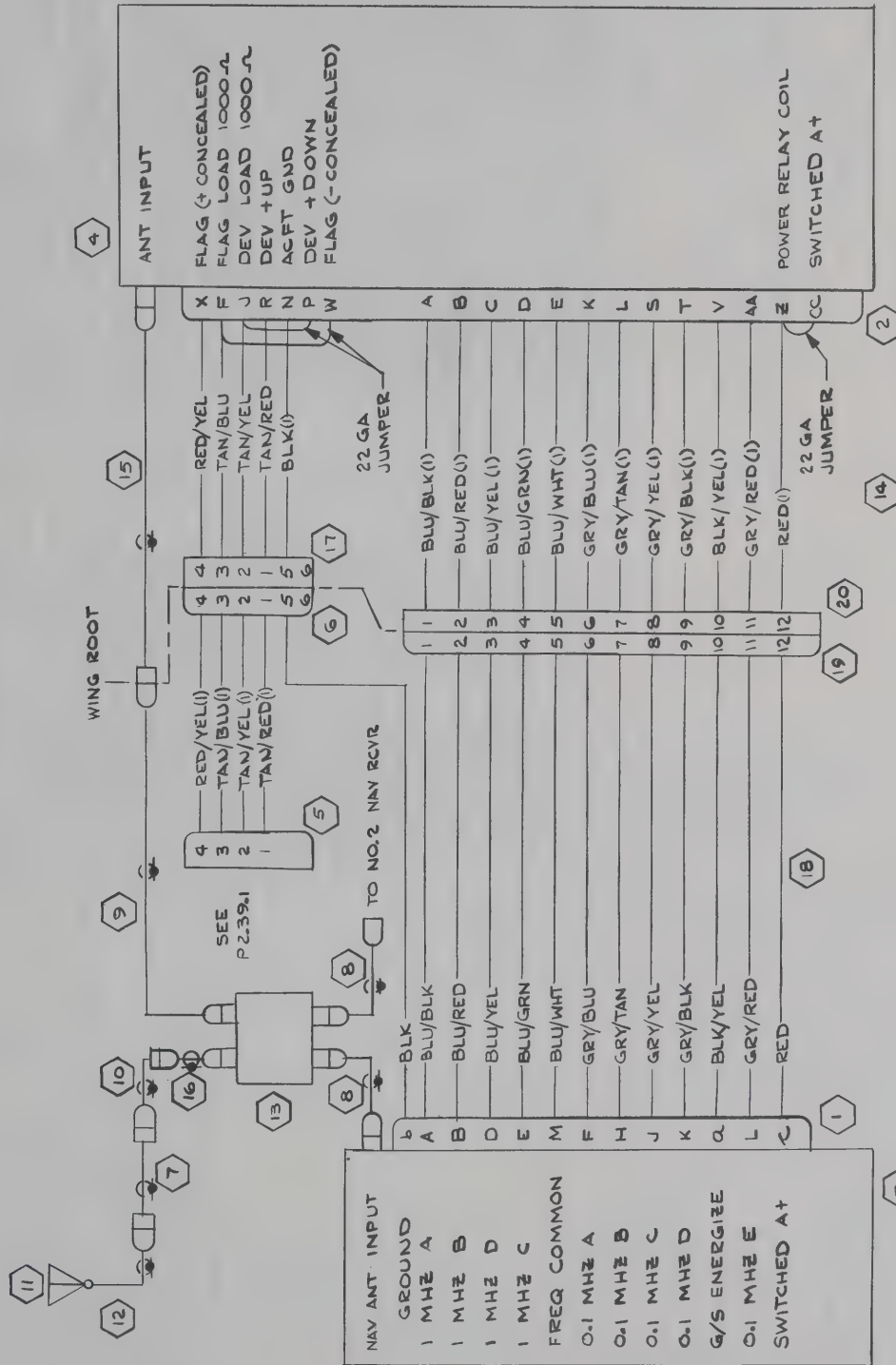
CONTRACT NO.		NAME		DATE	
Cessna Aircraft Co.		H. W. W.		5-7-70	
DESIGN		GROUP		DRAWN	
CHECK		STRESS		PROJ	
APPD		OTHER		SUPERSEDED BY:	
TITLE		SIZE		SCALE:	
WIRING DIAGRAM - CESSNA 300 MKR BCN(R-502B) WITH VOA-50M INDICATOR		C 71379		210	
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		PAGE: 2.35.4		EDTAR 10925 (S-2062-3) IX	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	FOR REV SEE P 2.35.4		



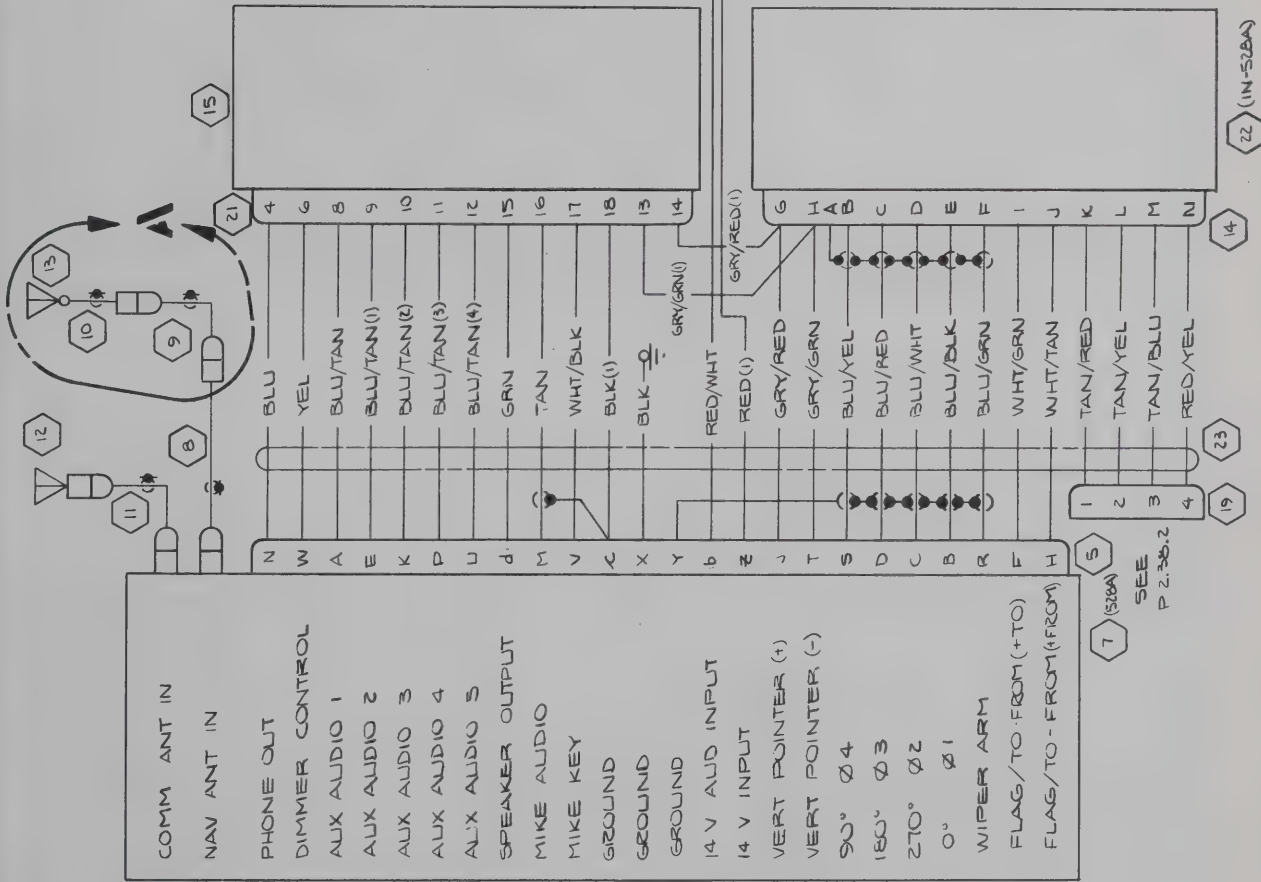
CONTRACT NO:				COMMERCIAL AIRCRAFT DIV. 5600 E. PAWNEE WICHITA, KANSAS	
Cessna AIRCRAFT CO.		TITLE		PAGE: 2, 3, 5	
DESIGN		DATE		SCALE: NONE	
GROUP	NAME	CONTRACT NO.	DATE	SIZE	CODE IDENT.
DRAWN	<i>W. White</i>	<i>5-7-70</i>	<i>5-7-70</i>	<i>C</i>	<i>71379</i>
CHECK	<i>W. White</i>	<i>5-7-70</i>	<i>5-7-70</i>		<i>1270700</i>
STRESS	<i>W. White</i>	<i>5-7-70</i>	<i>5-7-70</i>		
PROJECT	<i>W. White</i>	<i>5-7-70</i>	<i>5-7-70</i>		
APPRO	<i>W. White</i>	<i>5-7-70</i>	<i>5-7-70</i>		
SUPERSEDED BY:	<i>W. White</i>	<i>5-7-70</i>	<i>5-7-70</i>		

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		

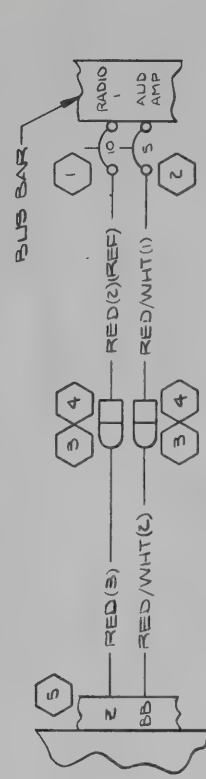
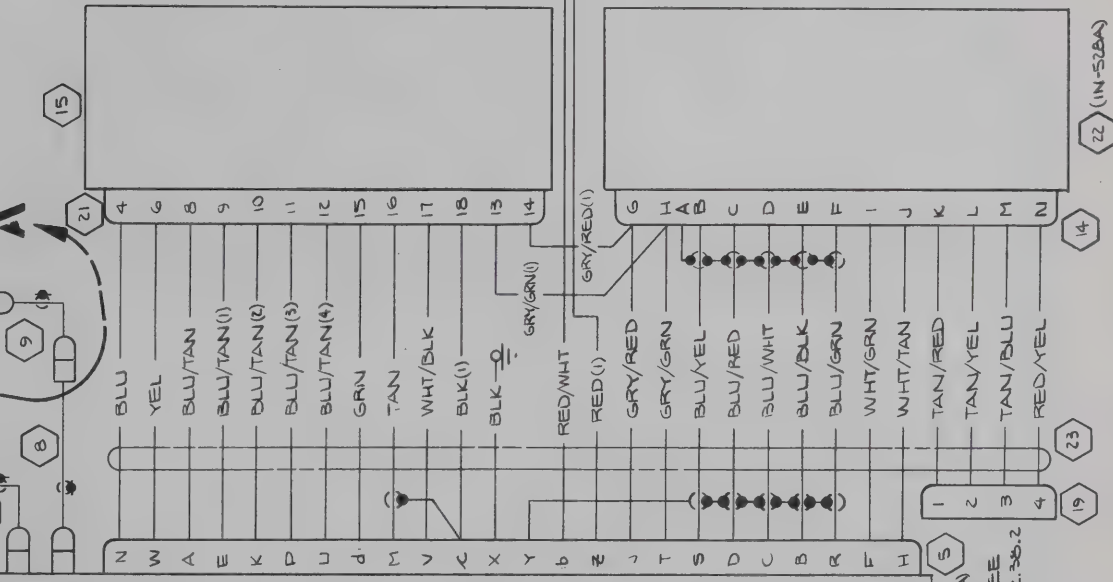


CONTRACT NO:		NAME	DATE
DESIGN	VR SIPS	10/13/70	TITLE
GROUP	VR SIPS	10/13/70	WIRING DIAGRAM - CESSNA
DRAWN	VR SIPS	10/13/70	400 GLIDESLOPE FOR USE
CHECK	LK WHITE	10/13/70	WITH CESSNA 300 NAV/COM
STRESS			(ABC TYPE R-543B)
PROJECT	11/11/70	10-15-70	SIZE
APPD			NO.
			C 71379
			1270700
			SCALE: NONE
			PAGE: 2, 38, 2

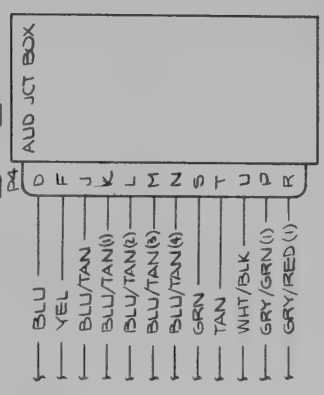
REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



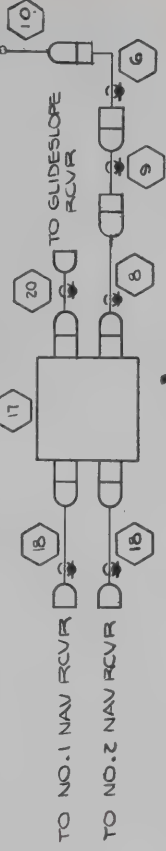
COMM ANT IN
NAV ANT IN
PHONE OUT
DIMMER CONTROL
AUX AUDIO 1
AUX AUDIO 2
AUX AUDIO 3
AUX AUDIO 4
AUX AUDIO 5
SPEAKER OUTPUT
MIKE AUDIO
MIKE KEY
GROUND
GROUND
GROUND
14 V AUD INPUT
14 V INPUT
VERT POINTER (+)
VERT POINTER (-)
90° Ø 4
180° Ø 3
270° Ø 2
0° Ø 1
WIPER ARM
FLAG/TO-FROM (+TO)
FLAG/TO-FROM (FROM)



DETAIL 13
(APPLIES TO DUAL INSTL)



DETAIL 11
(APPLIES TO DUAL INSTL)



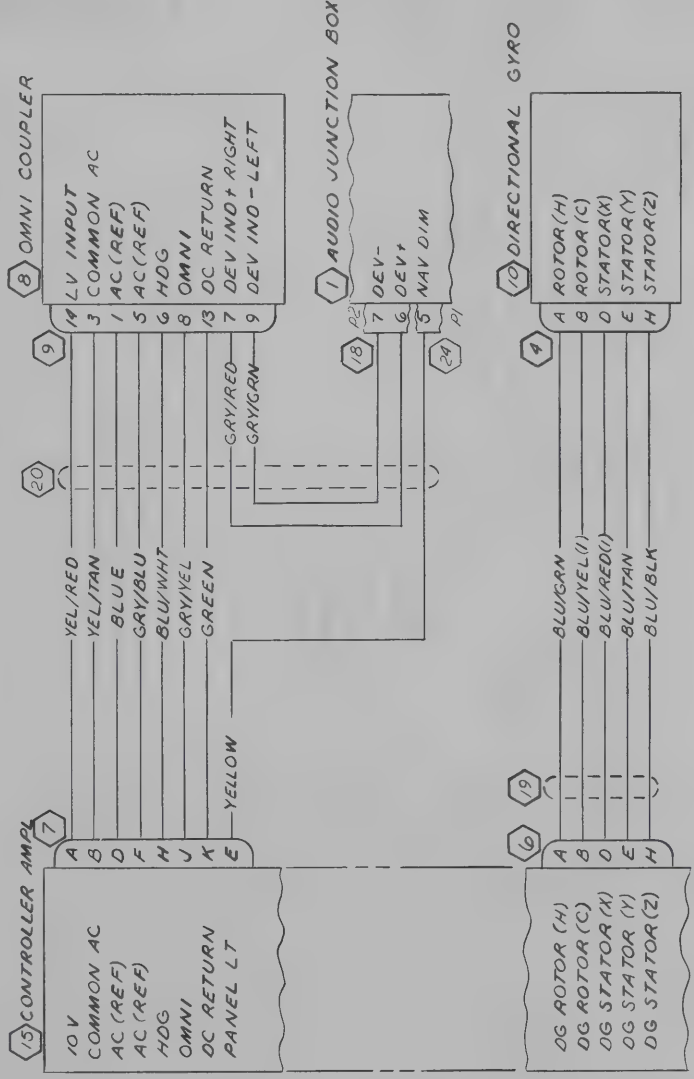
DETAIL 11
(APPLIES TO DUAL INSTL)

CONTRACT NO:		NAME		DATE	TITLE	
DESIGN		H. W. W.		10/15/70	WIRING DIAGRAM -	
GROUP		P. W. P.		9/18/70	CESSNA 300R NAV/COMM -	
DRAWN		L. K. WHITE		9/21/70	VOR/ILS (ARC TYPE 528A)	
CHECK		H. M. C.		10/15/70	SIZE	
STRESS		H. M. C.		10/15/70	C 71379	
PROJECT		H. M. C.		10/15/70	DWC NO.	
APPRO		H. M. C.		10/15/70	1270700	
SCALE: NONE		ZIO		PAGE: 2		39.1

2 SUPPLIED AS PART OF ARC CONNECTOR KIT
NO. 38911

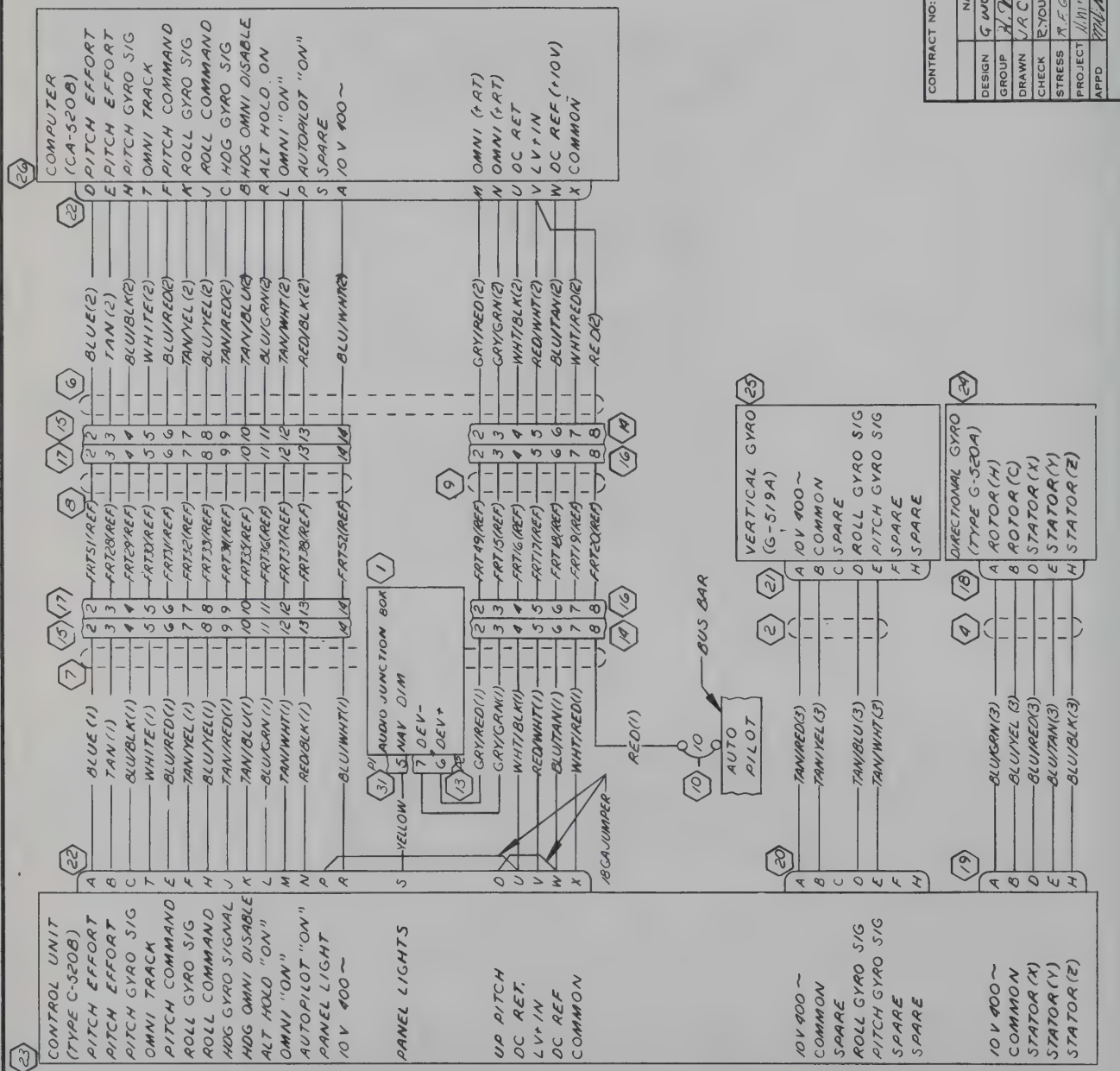
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REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	



CONTRACT NO:		NAME		DATE	TITLE
		G. WOOD		8-28-69	WIRING DIAGRAM -
DESIGN		GROUP		CESSNA AIRCRAFT CO.	
		A. W. W.		WICHITA, KANSAS	
DRAWN		CHECK		CESSNA 300 NAV-O-MATIC	
R. YOUNG		R. YOUNG		AUTOPILOT (14 VOLT) (OPT)	
STRESS		PROJECT		SIZE	CODE IDENT.
		8-22-69		C	71379
APPD		DWG NO.		1270701	
		SCALE: NONE		PAGE: 14.2.1	

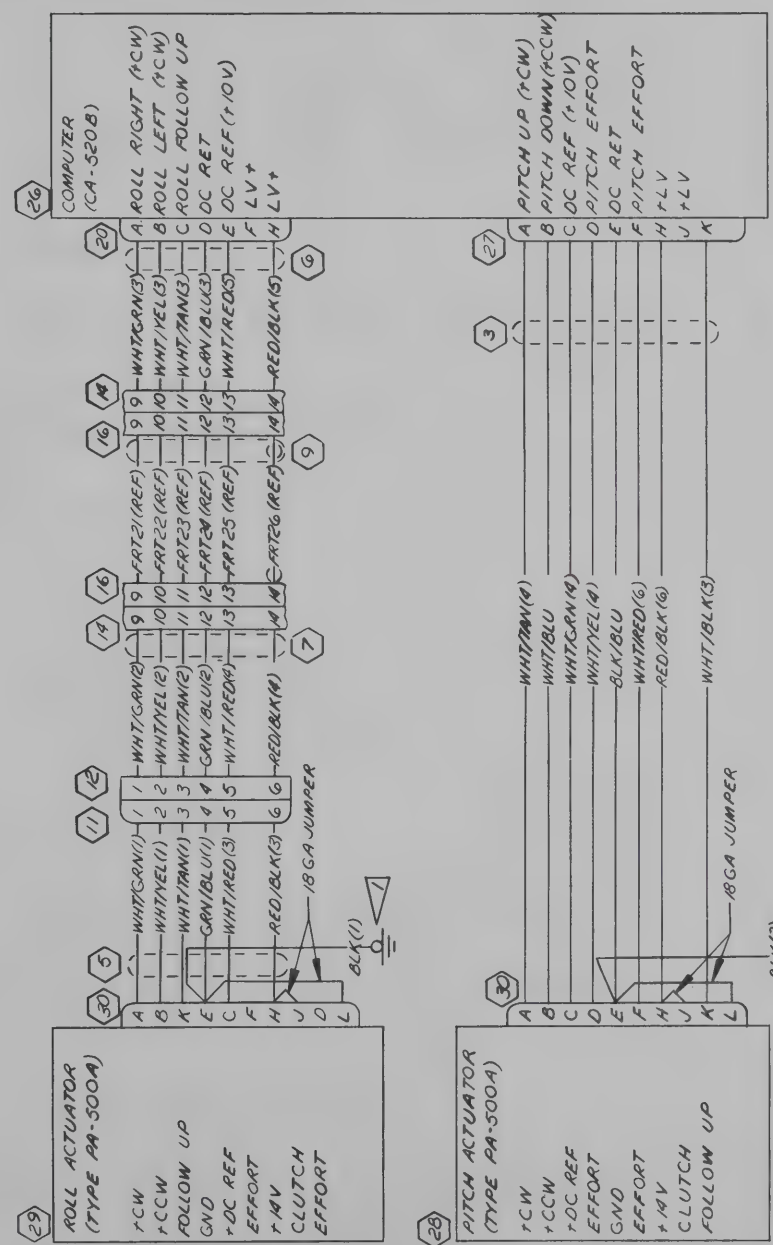
REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		
A	SEE P 14.3.0 FOR REVISION		



CONTRACT NO:		NAME	DATE
DESIGN		G 4000	8-28-59
GROUP		H. W. W.	8-26-59
DRAWN		J. R. CONLEY	8-21-59
CHECK		E. JOHNSON	8-21-59
STRESS		A. F. G. 10E	8-25-59
PROJECT		11/11/60	8-26-59
APPD		M. J. J. 10E	8-26-59

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.
WICHITA, KANSAS		5800 E. PAWNEE
TITLE		WIRING DIAGRAM -
CESSNA 400 NAV-O-MATIC		(OPT)
SIZE	CODE IDENT.	DWG NO.
C	71379	1270701
SCALE: NONE	210	PAGE: 14.3.1

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



CONTRACT NO.		NAME		DATE
DESIGN GROUP		WOOD		8-28-69
DRAWN		J. R. CONLEY		8-28-69
CHECK		R. YOUNGERS		8-28-69
STRESS		R. F. G. 10E		8-28-69
PROJECT		1111 (a.c.)		8-28-69
APPRO		J. R. Conley		8-28-69

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
WICHITA, KANSAS		5800 E. PAWNEE	
TITLE		WIRING DIAGRAM-	
CESSNA 400 NAV-O-MATIC		(OPT)	
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270701	
SCALE: NONE	PAGE: 2/0	PAGE: 19.3.2	

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	210 SERIAL 21059503 & ON T210 SERIAL T21059503 & ON		
2.0.1	W.D. - Radio Spkr, Phone Jack, Mike Jack, Light Dim & Power Circuits	11-18-71	NC
2.0.2	Schematic Diagram - Audio Junction Box Internal Wiring	11-18-71	NC
2.3.3	W.D. - Transmitter Selector Switch - Push Button	11-18-71	NC
2.3.4	W.D. - Schematic Dual Voltage Regulator	11-18-71	NC
2.3.5	W.D. - Omni Selector Switch - Push Button	11-18-71	NC
2.3.6.0	W.D. - Audio Selector Switch - Push Button	11-18-71	NC
2.3.6.1	W.D. - Audio Selector Switch - Push Button	3-9-72	A
2.5.0	W.D. - Cessna 300 Nav/Com VOR & VOR/ILS	11-18-71	NC
2.5.1	W.D. - Cessna 300 Nav/Com - VOR/ILS	11-18-71	NC
2.5.2	W.D. - Cessna 300 Nav/Com - VOR	11-18-71	NC
2.7.1	W.D. - Cessna 300 Mkr Bcn.	11-18-71	NC
2.9.1	W.D. - Cessna 300 & 400 Digital ADF	11-18-71	NC
2.10.1	W.D. - Cessna 300 Transponder	11-18-71	NC
2.10.2	W.D. - Cessna 300 Transponder	11-18-71	NC
2.11.1	W.D. - Cessna 300 DME	11-18-71	NC
2.13.1	W.D. - Cessna 400 Nav/Com	11-18-71	NC
2.13.2	W.D. - Cessna 400 Nav/Com	11-18-71	NC
2.13.3	W.D. - Cessna 400 Nav/Com	11-18-71	NC
2.13.4	W.D. - Cessna 400 Nav/Com	11-18-71	NC
2.14.1	W.D. - Cessna 400 Com	11-18-71	NC
2.14.2	W.D. - Cessna 400 Com	11-18-71	NC
2.15.1	W.D. - Cessna 400 Glideslope with Cessna 300 Nav/Com	11-18-71	NC
2.15.2	W.D. - Cessna 400 Glideslope with Cessna 300 Nav/Com	11-18-71	NC
2.17.1	W.D. - Cessna 400 Transponder	11-18-71	NC
2.17.2	W.D. - Cessna 400 Transponder	11-18-71	NC
		DRAWING NO.	
TITLE: RADIO WIRING DIAGRAMS MODEL 210 SERIES		1270708	
DATE: 15 April 1972		PAGE: 1 of 2	
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.			

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.19.1	W.D. - Typical Switching ADF, 300 HF and 300 Com	11-18-71	NC
2.19.2	W.D. - King KA-25C	11-18-71	NC
2.21	W.D. - Mike Switch, Control Wheel	11-18-71	NC
2.22.1	W.D. - Cessna 300 HF	11-18-71	NC
2.22.2	W.D. - Cessna 300 HF	11-18-71	NC
2.22.3	W.D. - Cessna 300 HF	11-18-71	NC
2.23.1	W.D. - SSB (HF) (ASB-125)	11-18-71	NC
2.23.2	W.D. - SSB (HF) (ASB-125)	11-18-71	NC
2.26.1	W.D. - Cessna 400 Glideslope	11-18-71	NC
2.26.2	W.D. - Cessna 400 Glidslope with Cessna 400 Nav/Com	11-18-71	NC
2.27.1	W.D. - Cessna 300 Com	11-18-71	NC
	DRAWING NUMBER 1270709		
14.2.0	Cessna 300 Nav-O-Matic Autopilot (Opt.)		
14.2.1	Cessna 300 Nav-O-Matic Autopilot (Opt.)		
14.2.2	Cessna 300 Nav-O-Matic Autopilot (Opt.)		
14.3.0	Cessna 400 Nav-O-Matic (Opt.)		
14.3.1	Cessna 400 Nav-O-Matic (Opt.)		
14.3.2	Cessna 400 Nav-O-Matic (Opt.)		



TITLE: RADIO WIRING DIAGRAM
MODEL 210 SERIES

DRAWING NO.

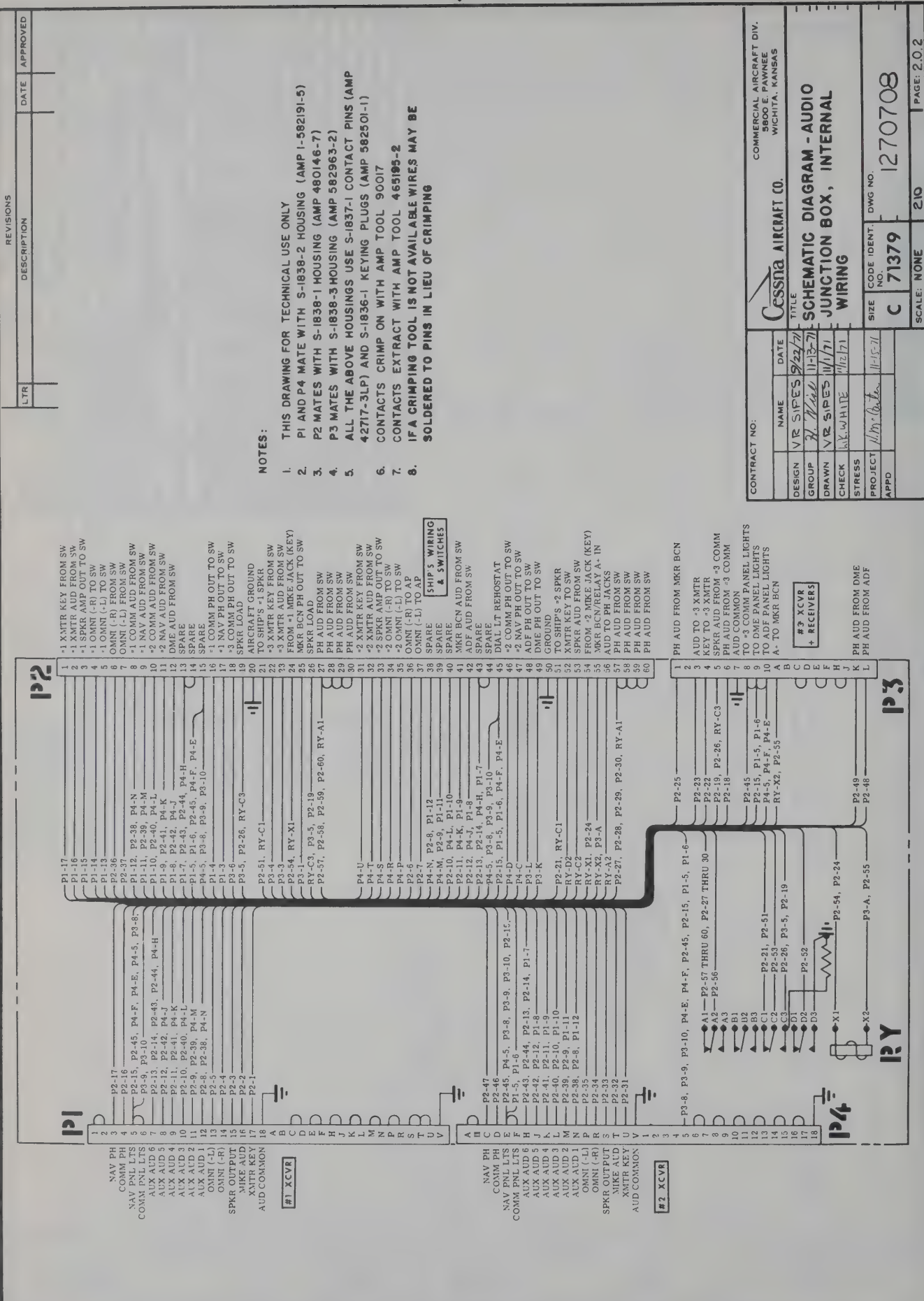
1270708

DATE: 15 April 1972

PAGE: 2 of 2

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

FORM NO. 80.215B



REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		

NOTES:

1. THIS DRAWING FOR TECHNICAL USE ONLY
2. P1 AND P4 MATE WITH S-1838-2 HOUSING (AMP 1-582191-5)
3. P2 MATES WITH S-1838-1 HOUSING (AMP 480146-7)
4. P3 MATES WITH S-1838-3 HOUSING (AMP 582963-2)
5. ALL THE ABOVE HOUSINGS USE S-1837-1 CONTACT PINS (AMP 42717-3LP) AND S-1836-1 KEYING PLUGS (AMP 582501-1)
6. CONTACTS CRIMP ON WITH AMP TOOL 90017
7. CONTACTS EXTRACT WITH AMP TOOL 465195-2
8. IFA CRIMPING TOOL IS NOT AVAILABLE WIRES MAY BE SOLDERED TO PINS IN LIEU OF CRIMPING

CONTRACT NO.		NAME		DATE	

DESIGN GROUP	NAME	DATE	TITLE

DRAWN	DATE	SIZE	CODE IDENT.	DWG NO.

CHECK	DATE	SIZE	CODE IDENT.	DWG NO.

STRESS	DATE	SIZE	CODE IDENT.	DWG NO.

PROJECT	DATE	SIZE	CODE IDENT.	DWG NO.

APPRO	DATE	SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

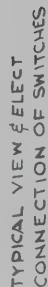
SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING

SIZE	CODE IDENT.	DWG NO.

SCALE	NONE	210	PAGE: 20.2

COMMERCIAL AIRCRAFT DIV.	5800 E. PAWNEE	WICHITA, KANSAS

SCHEMATIC DIAGRAM - AUDIO	JUNCTION BOX, INTERNAL	WIRING



NOTES:
1. ALL JUMPERS BETWEEN BOARDS ARE TO BE SAME COLOR OF INCOMING WIRE.

9	-260	CABLE ASSY	2-28
8	1270712-1	VOLTAGE REGULATOR	
7	S-1637-2	HOUSING - SOCKET	
6	S-1637-1	HOUSING - CAP	
5	1270714-1	BOARD ASSY	
4	0570084-2	JUNCTION BOX ASSY	
3	S-1638-1	HOUSING	
2	S-2134-2	LIGHT	
1	S-2131-2	SWITCH	
PART NO.		DESCRIPTION	

ART NO.	DESCRIPTION
EQUIPMENT TABLE	

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.

ORV(U)	22	BELDEN 856B	SOLDER S-1636-I	
RED	22	▲	S-1493-I S-1635-I	
VIO	22		SOLDER S-1636-I	
GRY	22		SOLDER S-1636-I	
BLU	22	▼	SOLDER S-1636-I	
BLK(2)	22	BELDEN 856B	SOLDER S-1637-I	
WHITE/YEL	22	▲	SOLDER S-1635-I	
ORN			▲ SOLDER	
WHT/RED			S-1837-I	▲
WHT/GRN				
WHT/YEL				
GRN				
WHT/ORN				
WHT/BLU/YEL				
WHT/BLK/YEL				
BLK(U)				
YEL				▲
ORN	22	BELDEN 856B	SOLDER S-1637-I	
COFF NO	GA	MATERIAL	TERMINALS	SERIALS

WIRE TABLE

Cessna® AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

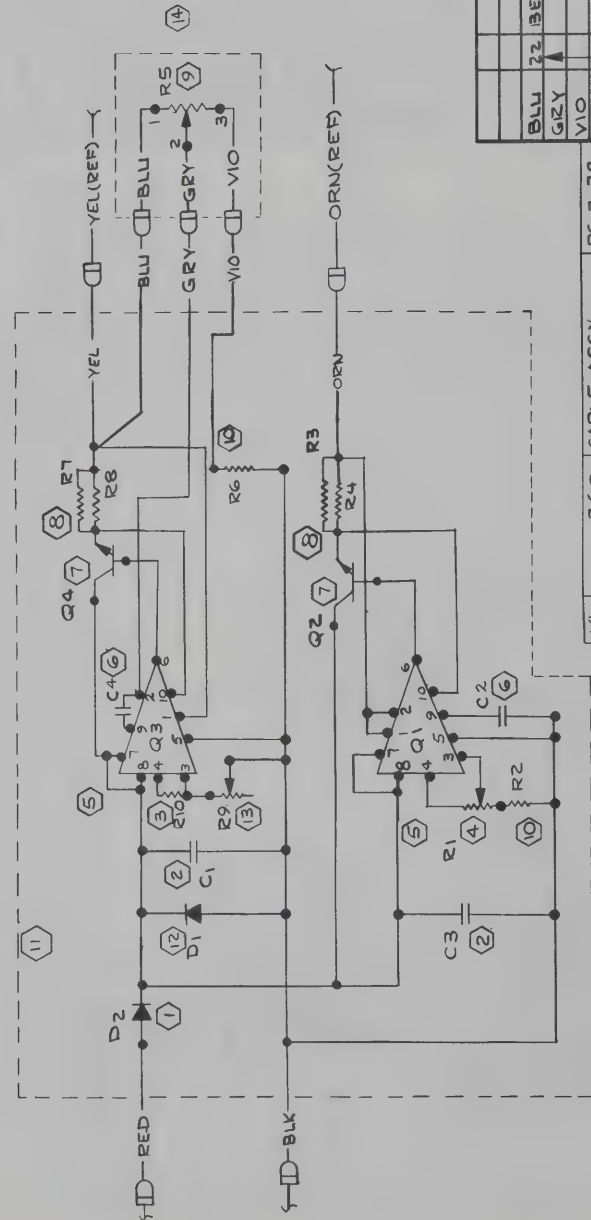
TITLE

SIZE	CODE IDENT.	DWG NO

C 71379 - 1270708

210 PAGE: 2.3.3

REVISION		
LET	DESCRIPTION	DATE



ITEM NO.	PART NO.	DESCRIPTION	VENDOR
14	-260	CABLE ASSY	PG 2.28
13	EO86BD/220E	POT	73445
12	1N462A	DIODE	07688
11	127013-1	REGULATOR ASSY	73445
10	1-4-5P470EB	RESISTOR	73445
9	3859A-281-103A	POT	BITD
8	1-4-5P1EB	RESISTOR	73445
7	MJE3055	TRANSISTOR	04713
6	C280AE/AIK	CAPACITOR	73445
5	MC1723CG	INTEGRATED CKT	04713
4	EO86BD/AKT	POT	73445
3	1-4-5P560EB	RESISTOR	73445
2	C280AE/A100X	CAPACITOR	73445
1	1N2070	DIODE	07688

WIRE	CODE NO.	MATERIAL	LG	TERMINALS	SERIALS
BLU	22	BEDEV 8568			
GRV					
VIO					
YEL					
BLU					
GRV					
VIO					
ORN					
BLK					
RED	22	BEDEV 8568			
WIRE					
CODE NO.					
MATERIAL					
LG					
TERMINALS					
SERIALS					

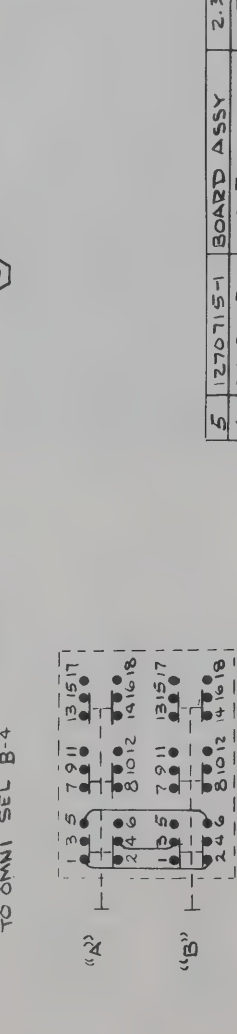
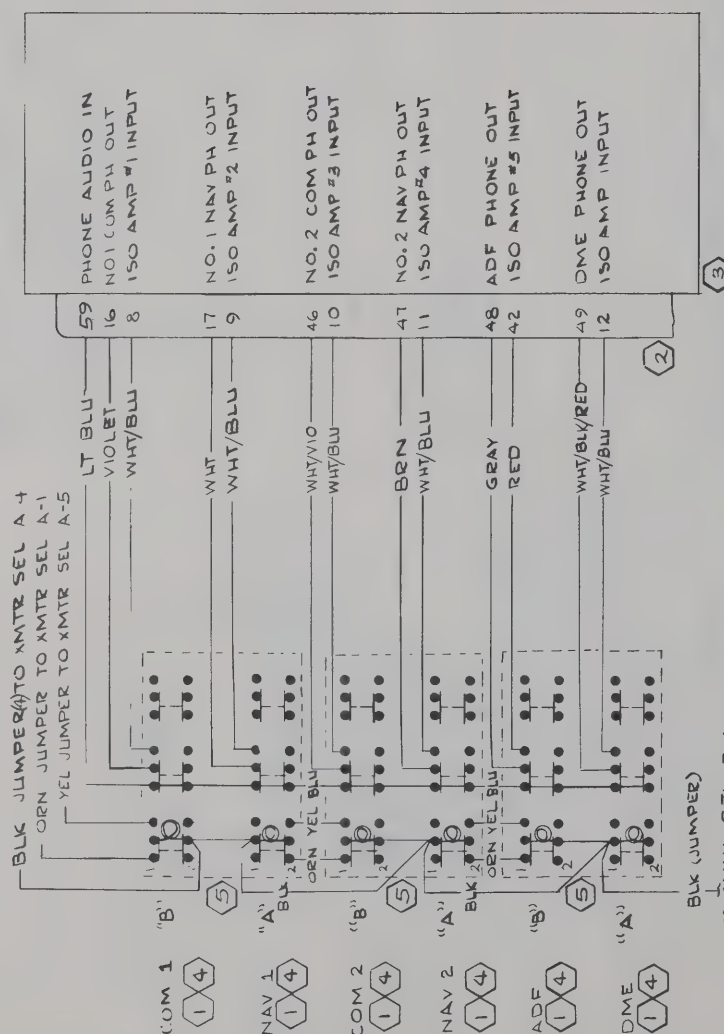
WIRE TABLE

CONTRACT NO.	NAME	DATE	TITLE
	VRSIPES	8/21/71	
DESIGN	H. W. WIPES	11-13-71	
GROUP	V R S I P E S	11/2/71	
DRAWN	L K W H I T E	11/13/71	
CHECK			
STRESS			
PROJ			
APPD			
OTHER			

EQUIPMENT TABLE	SUPERSEDES:
CES-1000 IS APPLICABLE	
VENDOR CODES PER S-1400	
CES-XXXX-CESNA SPEC. NO.	
S-XXX OR CMXXX-CESNA	
STD. NO.	

WIRING DIAGRAM— SCHEMATIC DUAL VOLTAGE REGULATOR		
SIZE	CODE IDENT.	DWG NO
C	71379	1270708
SCALE: NONE	210	PAGE: 2.3.4

(S-6755)IX (REF)



TYPICAL VIEW OF ELECTRICAL CONNECTION OF SWITCHES

- NOTES:
1. ALL SWITCHES SHOWN IN 'PHONE' POSITION.
 2. ALL JUMPERS BETWEEN BOARDS ARE TO BE COLOR OF INCOMING WIRE.

ITEM NO.	PART NO.	DESCRIPTION	PAGE
5	1270715-1	BOARD ASSY	2.3.2
4	5-2134-2	LIGHT	2.3.2
3	0870084-1	JUNCTION BOX ASSY	7.5
2	5-1838-1	HOUSING	7.5
1	5-2131-1	SWITCH	2.3.2

EQUIPMENT TABLE	
SUPERSEDES:	
CES-1000 IS APPLICABLE	
VENDOR CODES PER S-1400	
CES-XXXX-CESNA SPEC NO.	
S-XXX OR CMXXXX-CESNA	
STD. NO.	

CONTRACT NO.	NAME	DATE	COMMERCIAL AIRCRAFT DIV.
	VR SIPS	4/14/71	5800 E. PAWNEE
DESIGN	VR SIPS	11/3-71	WICHITA, KANSAS
GROUP	VR SIPS	11/3-71	
DRAWN	VR SIPS	11/3-71	
CHECK	VR SIPS	11/3-71	
STRESS	VR SIPS	11/3-71	
PROJ	VR SIPS	11/3-71	
APPD	VR SIPS	11/3-71	
OTHER	VR SIPS	11/3-71	

WIRE	WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	BELDEN 8568			SOLDER	
YEL	22	BELDEN 8568			SOLDER	
ORN	22				SOLDER	
WHY/BLU	22				S-1837-1	
RED	22					
GRAY	22					
BRN	22					
WHY/VID	22					
WHT	22					
WHY/BLU	22					
VIOLET	22					
LT BLU	22	BELDEN 8568			SOLDER	
WIRE	CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS

REVISION	DESCRIPTION	DATE	APPD
LET			

PHONE AUDIO IN	59	LT BLU
NO.1 COM PH OUT	16	VIOLET
150 AMP #1 INPUT	8	WHY/BLU
NO.1 NAV PH OUT	17	WHT
150 AMP #2 INPUT	9	WHY/BLU
NO.2 COM PH OUT	46	WHY/VID
150 AMP #3 INPUT	10	WHY/BLU
NO.2 NAV PH OUT	47	BRN
150 AMP #4 INPUT	11	WHY/BLU
ADF PHONE OUT	48	GRAY
150 AMP #5 INPUT	42	RED
DME PHONE OUT	49	WHY/BLU/RED
150 AMP INPUT	12	WHY/BLU

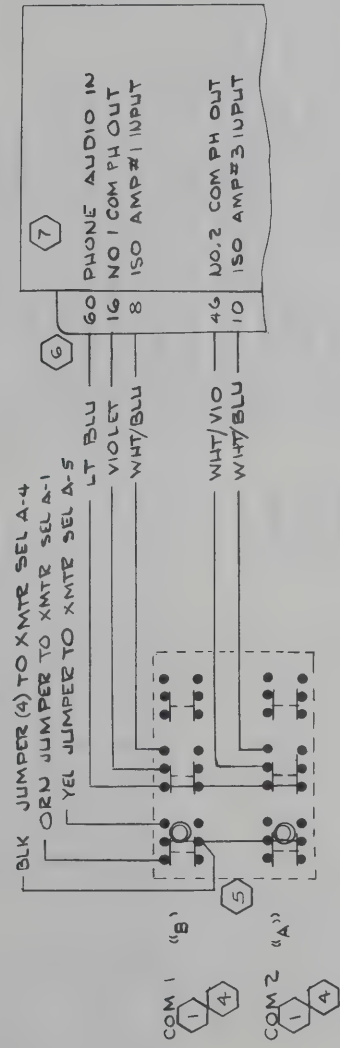
COM 1	1 4
NAV 1	1 4
COM 2	1 4
NAV 2	1 4
ADF	1 4
DME	1 4

5	1270715-1	BOARD ASSY	2.3.2
4	5-2134-2	LIGHT	2.3.2
3	0870084-1	JUNCTION BOX ASSY	7.5
2	5-1838-1	HOUSING	7.5
1	5-2131-1	SWITCH	2.3.2

EQUIPMENT TABLE	
SUPERSEDES:	
CES-1000 IS APPLICABLE	
VENDOR CODES PER S-1400	
CES-XXXX-CESNA SPEC NO.	
S-XXX OR CMXXXX-CESNA	
STD. NO.	

CESSNA AIRCRAFT CO.	TITLE
WIRING DIAGRAM -	AUDIO SELECTOR SWITCH -
	PUSH BUTTON
SIZE	CODE IDENT.
C	71379
SCALE: NONE	PAGE: 2.3.6.0

REVISION		
LET	DESCRIPTION	DATE
A	BY REV: ADDED NOTES 1,2,3&4 "NOW SHOP PRACTICE"	3-9-72 VES



- NOTES: THIS WIRING APPLICABLE TO:
1. DUAL 300 NAV/COM WIRING
 2. DUAL 300 TRANSCIEVER WIRING
 3. 300 TRANSCIEVER & 300 HF TRANSCIEVER WIRING
 4. 300 NAV/COM & 300 HF TRANSCIEVER WIRING

WHT/NO	22	BELDEN 8568	SOLDER	5-1837-1	
WHT/BLU	22			5-1837-1	
VIO	22			5-1837-1	
LT BLU	22			5-1837-1	
YEL	22			SOLDER	
ORN	22			SOLDER	
BLK	22	BELDEN 8568	SOLDER	SOLDER	
CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

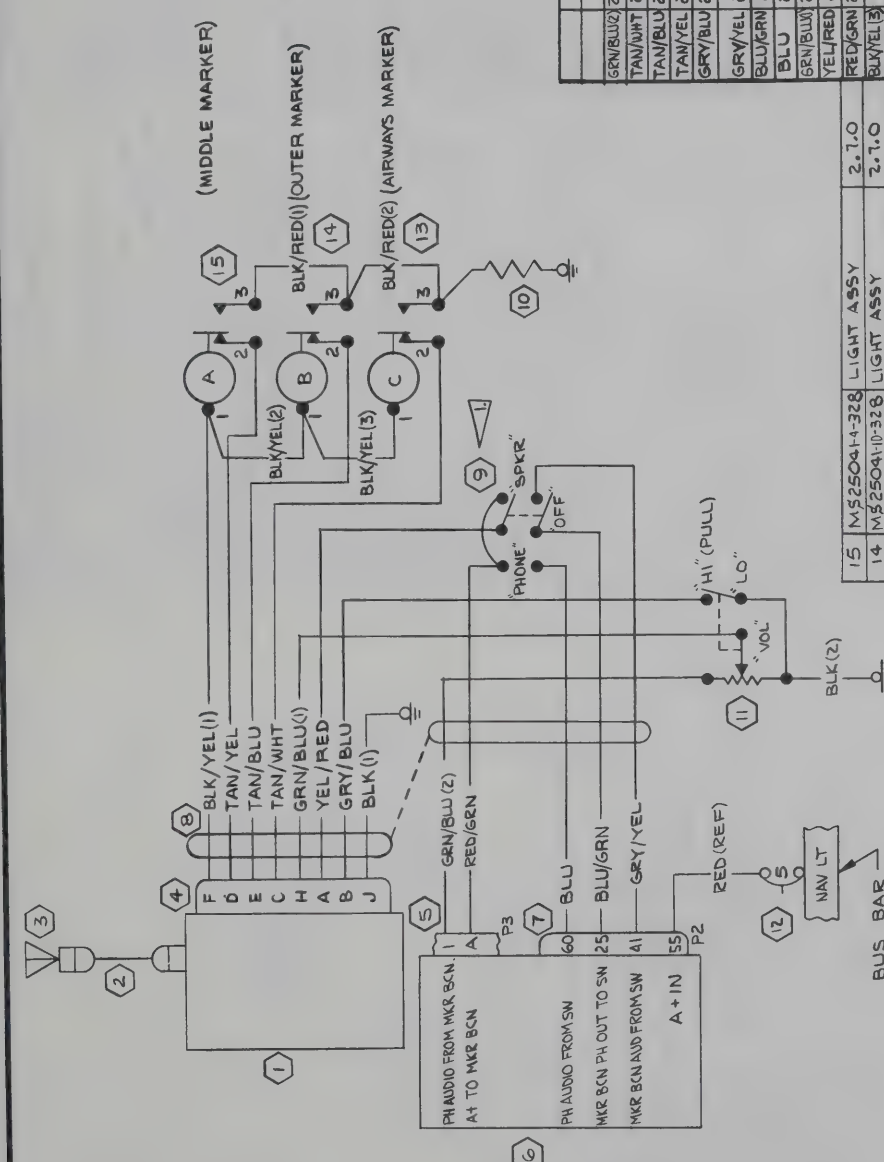
CONTRACT NO:		NAME		DATE	TITLE	
		VR SIPS		7/12/71	Cessna AIRCRAFT CO.	
DESIGN		GROUP		11-13-71	COMMERCIAL AIRCRAFT DIV. 8800 E. PAWNEE WICHITA, KANSAS	
DRAWN		CHECK		11/13/71	WIRING DIAGRAM —	
STRESS		PROJ		11-15-71	AUDIO SELECTOR SWITCH	
APPD		OTHER			PUSH BUTTON	
CODE IDENT. NO.		SIZE		DWG NO		
C 71379		C		1270708		
SCALE: NONE		2:10		PAGE: 2,3,6,1		

7	0570084-1	JUNCTION BOX	7.5
6	S-1838-1	HOUSING	7.5
5	1270715-1	BOARD ASSY	2.3.2
4	S-2134-2	LIGHT	2.3.2
1	S-2131-1	SWITCH	2.3.2
PART NO.		DESCRIPTION	
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE		SUPERSEDES:	
VENDOR CODES PER S-1400		SUPERSEDED BY:	
CES-XXXX-CESNA SPEC. NO.			
S-XXX OR CMXXXX-CESNA			
STD. NO.			

31	S-1640-6	HOUSING	2.5.1	RED/BLK(1) 18	- 18-0	S-1963-2	S-1367-2-6
30	S-1641-6	HOUSING	2.5.1	RED(3) 18	-18-2	S-1963-2	S-1367-2-8
29	S-1960-1-0	HOUSING	2.5.1	RED/YEL(2) 22	-22-2-4	S-1963-2	S-1837-1
28	S-1960-2-0	HOUSING	2.5.1			S-2099-1	S-1367-2-8
27	32350-0000	IN-525A INDICATOR	2.2	BLK(2) 18	-18-0	S-2099-1	S-1367-2-8
26	-217	CABLE ASSY	2.5.1	WHT/TAN 22	-22-9-10	S-2099-2	SOLDER
25	S-1360-101	CKT BREAKER	3.1.1	WHT/GRN 22	-22-9-5		
24	-219	CABLE ASSY	2.5.2	BLU/GRN 22	-22-6-5		
23	1270059-1	BALUN STUB	6.1.3	BLU/BLK 22	S-1461-22-6-0		
22	-200	CABLE ASSY-OMNI	5.3	BLU/BLK 22	S-1461-22-6-0		
21	1270705-3	CABLE ASSY-OMNI	2.5.2	BLU/BLK 22	S-1461-22-6-0		
20	1270801-252	CABLE ASSY-OMNI	2.5.2	BLU/BLK 22	S-1461-22-6-0		
19	-201	CABLE ASSY-OMNI	2.5.2	BLU/BLK 22	S-1461-22-6-0		
18	-203	CABLE ASSY-NAV	2.1.0	GRY/RED(1) 18	-18-2	S-2099-1	S-1963-2
17	-202	CABLE ASSY-VHF	5.5	RED(1) 18	-18-2	S-2099-1	S-1963-2
16	-218	CABLE ASSY	2.5.1	RED/WH(1) 18	-18-2-9	S-2099-1	S-1963-2
15	S-2096-1	BLOCK	2.5.1	BLK(4) 18	-18-0	S-1963-2	S-1367-2-8
14	18397	CONNECTOR	2.5.2	BLK(1) 22	-22-0	S-2099-2	S-1837-1
13				WHT/BLK 22	-22-9-0		
12	S-1836-2	HOUSING	2.5.1	TAN 22	S-1461-22-10		
11	32604	CONNECTOR	2.5.1	GRN 20	-20-5		
10	-204	CABLE ASSY-VHF	5.5	BLU/TAN 22	-22-6-10		
9	39360-1114	TRANSCIVER (50B)	3.1.1	BLU/TAN(1) 18	-22-6-10		
8				BLU/TAN(2) 18	-22-6-10		
7	1270012-12	ANTENNA-NAV	6.9	BLU/TAN(3) 18	-22-6-10		
6	C598501-0103	ANTENNA-VHF	6.1.3	BLU/TAN(4) 18	-22-6-10		
5	S-2086-1	ANT COUPLER	6.1.5	BLU 22	-22-6	S-2099-2	S-1837-1
4	12341-0362	VOLTAGE CONVERTER	4.6	YEL(1) 18	-18-4	S-2099-1	S-1963-2
3	31640-0000	IN-514R INDICATOR	3.1.1				
2	0570084-1	JCT BOX ASSY	7.5				
1	39380-1114	TRANSCIVER(528A)	3.0.2				

YEL(2) 18	-18-4	S-1963-1	S-1636-1
RED/YEL(1) 22	-22-2-4		
RED/BLK(2) 18	-18-2-0		
RED/WH(2) 18	-18-2-9		
RED(2) 18	-18-2		
BLACK(3) 18	-18-0	S-1963-1	S-1636-1
RED/YEL 22	-22-2-4	S-1636-1	SOLDER
TAN/BLU 22	-22-10-6		
TAN/YEL 22	-22-10-4		
TAN/RED 22	-22-10-2	S-1636-1	SOLDER
WIRE CODE NO	G.A	MATERIAL	LG

REV	DESCRIPTION	DATE	APPD



NOTES:
 1. PHONE FUNCTION TO BE ON KEYWAY SIDE OF SWITCH

ITEM	DESCRIPTION	QTY	UNIT
15	M52504-1-328 LIGHT ASSY	2.7.0	
14	M52504-1-328 LIGHT ASSY	2.7.0	
13	M52504-1-328 LIGHT ASSY	2.7.0	
12	S-1360-5L CKT BKR	2.7.0	
11	S-2062-1 CONTROL	2.7.0	
10	40.0.3 WATT RESISTOR	2.7.0	
9	S-1696-2 SWITCH	2.7.0	
8	S-1696-2 CABLE ASSY	2.7.0	
7	S-1838-1 HOUSING	2.7.0	
6	0570084-1 JUNCTION BOX ASSY	7.5	
5	S-1838-3 HOUSING	2.7.0	
4	28371-0009 PLUG	2.7.0	
3	C589506-0201 MKR BCN ANT	6.11	
2	-224 CABLE ASSY	2.1.0	
1	31240-0028 MKR BCN RCVR	4.1	

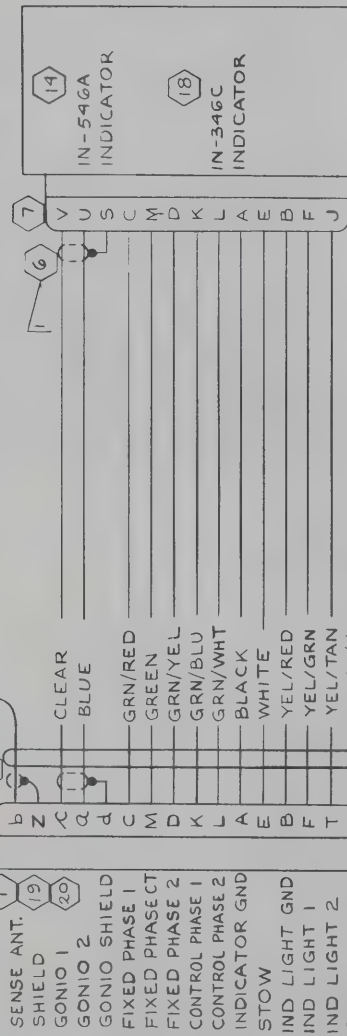
WIRE TABLE

WIRE NO.	LG	MATERIAL	TERMINALS	SERIALS
1	22-0	BLK (1)	S-1367-H-8	
2	22-0	BLK (2)	S-1367-H-8	
3	22-0	BLK (3)	S-1367-H-8	
4	22-0	BLK (4)	S-1367-H-8	
5	22-0	BLK (5)	S-1367-H-8	
6	22-0	BLK (6)	S-1367-H-8	
7	22-0	BLK (7)	S-1367-H-8	
8	22-0	BLK (8)	S-1367-H-8	
9	22-0	BLK (9)	S-1367-H-8	
10	22-0	BLK (10)	S-1367-H-8	
11	22-0	BLK (11)	S-1367-H-8	
12	22-0	BLK (12)	S-1367-H-8	
13	22-0	BLK (13)	S-1367-H-8	
14	22-0	BLK (14)	S-1367-H-8	
15	22-0	BLK (15)	S-1367-H-8	
16	22-0	BLK (16)	S-1367-H-8	
17	22-0	BLK (17)	S-1367-H-8	
18	22-0	BLK (18)	S-1367-H-8	
19	22-0	BLK (19)	S-1367-H-8	
20	22-0	BLK (20)	S-1367-H-8	
21	22-0	BLK (21)	S-1367-H-8	
22	22-0	BLK (22)	S-1367-H-8	
23	22-0	BLK (23)	S-1367-H-8	
24	22-0	BLK (24)	S-1367-H-8	
25	22-0	BLK (25)	S-1367-H-8	
26	22-0	BLK (26)	S-1367-H-8	
27	22-0	BLK (27)	S-1367-H-8	
28	22-0	BLK (28)	S-1367-H-8	
29	22-0	BLK (29)	S-1367-H-8	
30	22-0	BLK (30)	S-1367-H-8	
31	22-0	BLK (31)	S-1367-H-8	
32	22-0	BLK (32)	S-1367-H-8	
33	22-0	BLK (33)	S-1367-H-8	
34	22-0	BLK (34)	S-1367-H-8	
35	22-0	BLK (35)	S-1367-H-8	
36	22-0	BLK (36)	S-1367-H-8	
37	22-0	BLK (37)	S-1367-H-8	
38	22-0	BLK (38)	S-1367-H-8	
39	22-0	BLK (39)	S-1367-H-8	
40	22-0	BLK (40)	S-1367-H-8	
41	22-0	BLK (41)	S-1367-H-8	
42	22-0	BLK (42)	S-1367-H-8	
43	22-0	BLK (43)	S-1367-H-8	
44	22-0	BLK (44)	S-1367-H-8	
45	22-0	BLK (45)	S-1367-H-8	
46	22-0	BLK (46)	S-1367-H-8	
47	22-0	BLK (47)	S-1367-H-8	
48	22-0	BLK (48)	S-1367-H-8	
49	22-0	BLK (49)	S-1367-H-8	
50	22-0	BLK (50)	S-1367-H-8	
51	22-0	BLK (51)	S-1367-H-8	
52	22-0	BLK (52)	S-1367-H-8	
53	22-0	BLK (53)	S-1367-H-8	
54	22-0	BLK (54)	S-1367-H-8	
55	22-0	BLK (55)	S-1367-H-8	
56	22-0	BLK (56)	S-1367-H-8	
57	22-0	BLK (57)	S-1367-H-8	
58	22-0	BLK (58)	S-1367-H-8	
59	22-0	BLK (59)	S-1367-H-8	
60	22-0	BLK (60)	S-1367-H-8	
61	22-0	BLK (61)	S-1367-H-8	
62	22-0	BLK (62)	S-1367-H-8	
63	22-0	BLK (63)	S-1367-H-8	
64	22-0	BLK (64)	S-1367-H-8	
65	22-0	BLK (65)	S-1367-H-8	
66	22-0	BLK (66)	S-1367-H-8	
67	22-0	BLK (67)	S-1367-H-8	
68	22-0	BLK (68)	S-1367-H-8	
69	22-0	BLK (69)	S-1367-H-8	
70	22-0	BLK (70)	S-1367-H-8	
71	22-0	BLK (71)	S-1367-H-8	
72	22-0	BLK (72)	S-1367-H-8	
73	22-0	BLK (73)	S-1367-H-8	
74	22-0	BLK (74)	S-1367-H-8	
75	22-0	BLK (75)	S-1367-H-8	
76	22-0	BLK (76)	S-1367-H-8	
77	22-0	BLK (77)	S-1367-H-8	
78	22-0	BLK (78)	S-1367-H-8	
79	22-0	BLK (79)	S-1367-H-8	
80	22-0	BLK (80)	S-1367-H-8	
81	22-0	BLK (81)	S-1367-H-8	
82	22-0	BLK (82)	S-1367-H-8	
83	22-0	BLK (83)	S-1367-H-8	
84	22-0	BLK (84)	S-1367-H-8	
85	22-0	BLK (85)	S-1367-H-8	
86	22-0	BLK (86)	S-1367-H-8	
87	22-0	BLK (87)	S-1367-H-8	
88	22-0	BLK (88)	S-1367-H-8	
89	22-0	BLK (89)	S-1367-H-8	
90	22-0	BLK (90)	S-1367-H-8	
91	22-0	BLK (91)	S-1367-H-8	
92	22-0	BLK (92)	S-1367-H-8	
93	22-0	BLK (93)	S-1367-H-8	
94	22-0	BLK (94)	S-1367-H-8	
95	22-0	BLK (95)	S-1367-H-8	
96	22-0	BLK (96)	S-1367-H-8	
97	22-0	BLK (97)	S-1367-H-8	
98	22-0	BLK (98)	S-1367-H-8	
99	22-0	BLK (99)	S-1367-H-8	
100	22-0	BLK (100)	S-1367-H-8	



NOTE:

THIS CABLE TO BE 4 FEET IN LENGTH.
JUMPERS TO BE 20 GA WIRE.
CENTER CONDUCTOR SOLDERED
TO S-2099-4 THEN CRIMPED TO
INSERT IN (3).



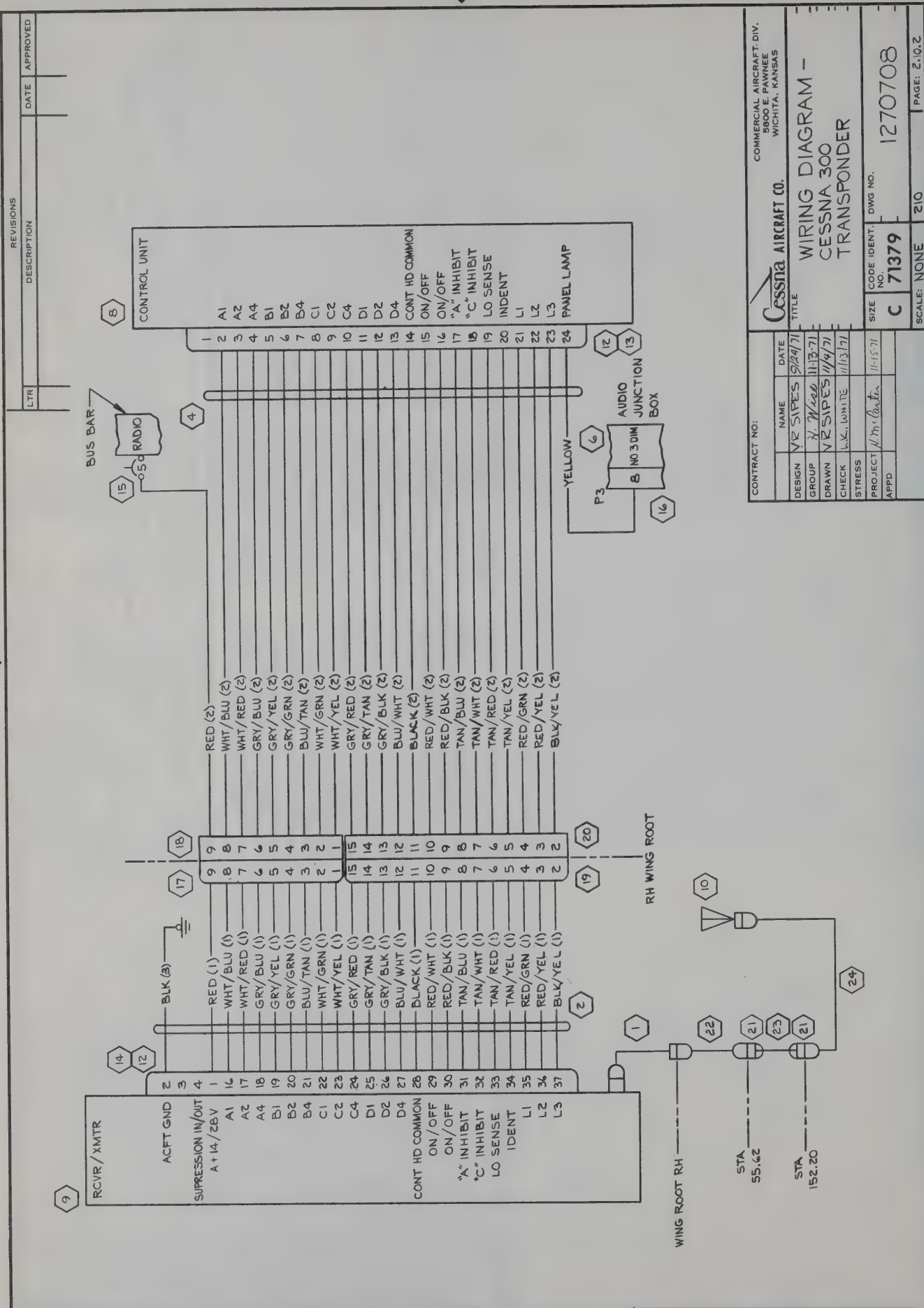
YELLOW	20	- 20-5		S-2099-4	SOLDER
BLACK	20	- 20-0		S-2099-4	SOLDER
SHIELD		202-3932-0000		S-2099-3	SOLDER
BLUE		202-3932-0000	3	SOLDER	
CLEAR		202-3932-0000	3	SOLDER	
RED/GRN	20	- 20-2-5		S-2099-4	SOLDER
RED/GRN	20	- 20-2-5		S-1837-1	SOLDER
COAXIAL CABLE		RG-195A/U	800	3	SOLDER
WHITE	205	- 20-0-9		S-2099-4	S-1837-1
YEL/UTAN	20	- 20-4-10		↑	SOLDER
YEL/GRN	20	- 20-4-5			SOLDER
YEL/RED	20	- 20-4-2			SOLDER
WHITE	20	- 20-0-9			SOLDER
GRN/WHI	20	- 20-5-9			SOLDER
GRN/BLU	20	- 20-5-6			SOLDER
GRN/YEL	20	- 20-5-4			SOLDER
GRN/RED	20	- 20-5-2			SOLDER
GREEN	20	- 20-5			SOLDER
BLACK	18	- 18-0		↑	(SEE BULK)
BLACK	18	- 18-0		S-2099-4	S-1837-2-B
WIRE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO:				WIRE TABLE	
DESIGN		NAME	DATE	 Cessna AIRCRAFT CO.	
GROUP		WOOD	8-4-71	COMMERCIAL AIRCRAFT DIV.	
DRAWN		<i>H. Wied</i>	11-13-71	5600 E. PAWNEE	
CHECK		WOOD	11/3/71	WICHITA, KANSAS	
STRESS		W. WHITE	11/3/71	TITLE WIRING DIAGRAM — CESSNA 300 & 400 DIGITAL ADF (ARC TYPE R-54G & R-34G) —	
PROJ		<i>H. Wied</i>	11-15-71	SIZE	DWG NO
APPD				NO	
OTHER				CODE IDENT.	
				C	71379
					1270708
			SCALE: NONE	210	PAGE: 2 OF 1

[illegible]

6	202-3332-0000	TWO CONDUCTOR CABLE	3-4	W/ MICRODOT
5	33827-0000	CABLE ASSY, LOOP	5-4	
4	41000-1000	LOOP ANTENNA	6-2	
3	S-2096-1	BLOCK	3-4	
2	40900-0000	M-346A MOUNTING	3-4	
1	41240-1001	R-546A RECEIVER	3-4	
PART NO.		DESCRIPTION	PAGE	
		EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXXX-CES5NA SPEC. NO. S-XXX OR CMXXXX-CES5NA STD. NO.				
			SUPERSEDED:	
			SUPERSEDED BY:	

[illegible]

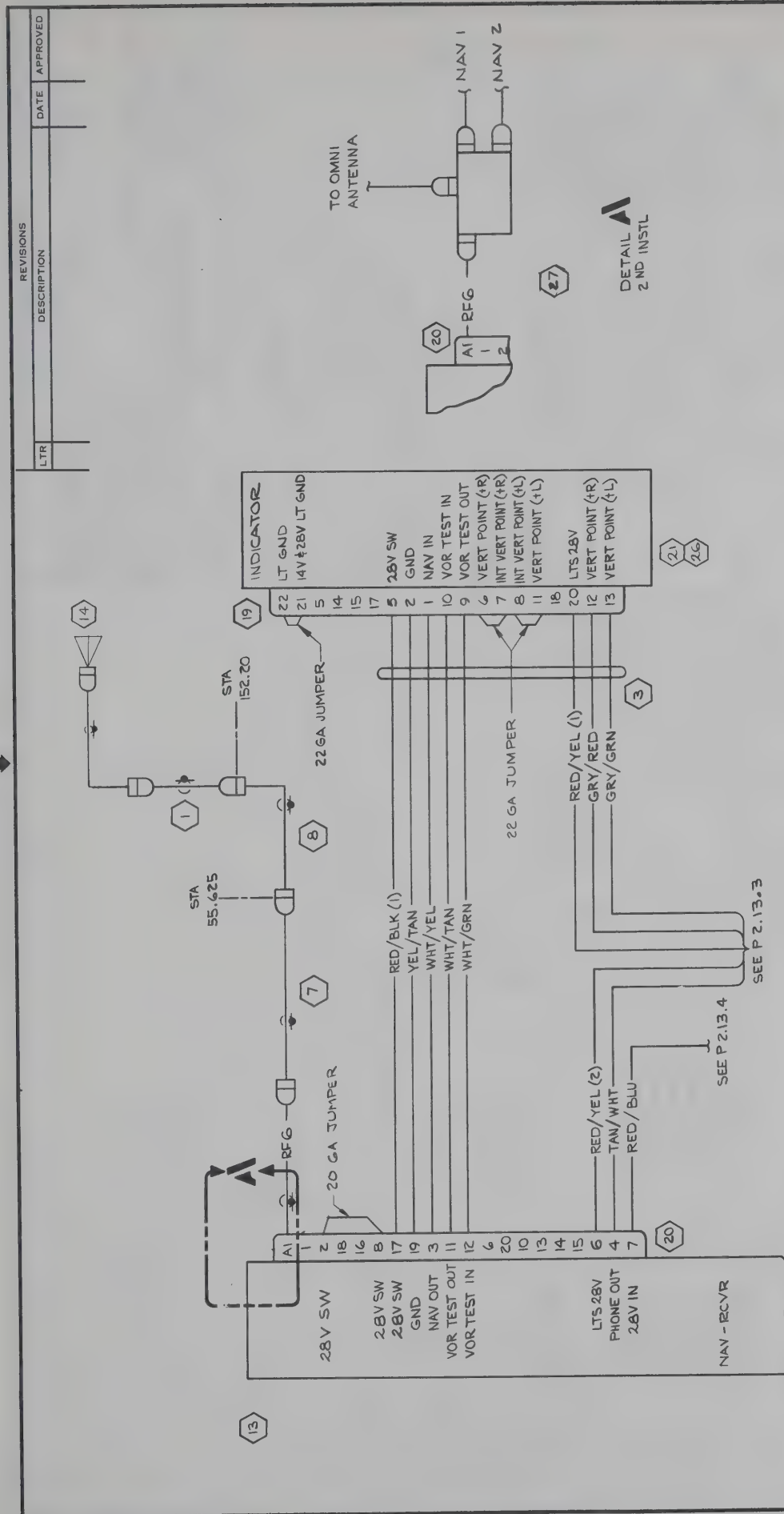


CONTRACT NO:		NAME		DATE
		VR SIPS		9/24/71
DESIGN	GROUP	H. M. 1113-71		
DRAWN	CHECK	VR SIPS 11/4/71		
STRESS	PROJECT	H. M. 1113-71		
APPD	PROJECT	H. M. 1113-71		
C 71379		DWG NO.		1270708
SCALE: NONE		210		PAGE: 210.2

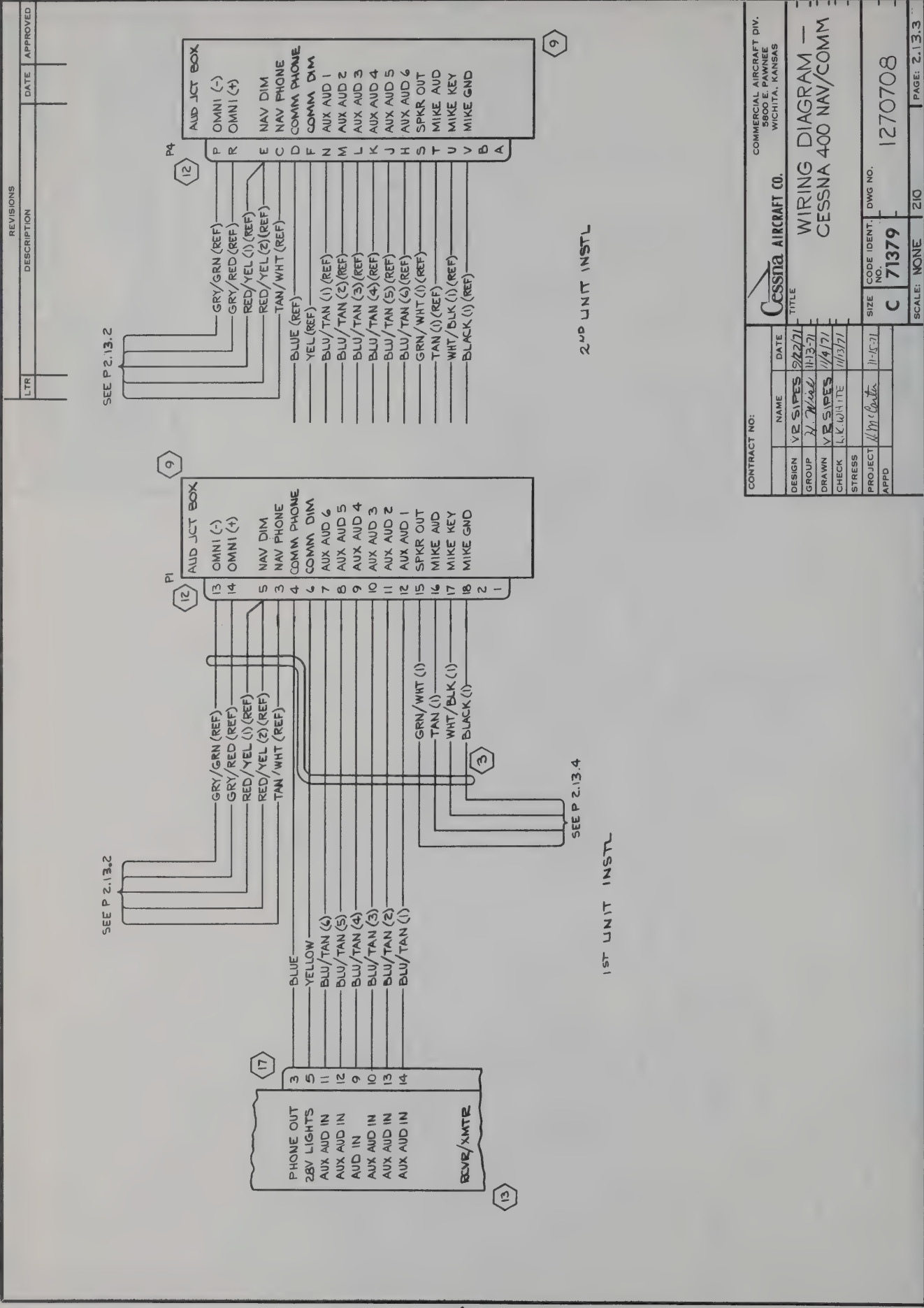
LET		DESCRIPTION		REVISION		DATE		APPD	
RED (1)	18	-18-2		S-1837-1-6	S-1837-2				
BLU/WHI (1)	22	-22-6-9			SOLDER	S-1963-2			
BLU/WHI (1)	15	-18-0-9			SOLDER	S-1963-2			
RED/BLK (1)	18	-18-2-0			SOLDER	S-1963-1			
RF 4		RG-58 A/U			SOLDER	S-2046-1			
RF 3		RG-58 A/U			SOLDER	S-2046-4			
RF 2		RG-58 A/U			SOLDER	S-2046-1			
RED/WHI (1)	18	-18-2-9			SOLDER	S-1963-2			
BLACK (1)	16	-16-0			S-1837-1	S-1963-1			
WHI/BLK (1)	22	-22-9-0			S-1837-1	S-1963-1			
TAN (1)	22	-22-10			S-1837-1	S-1963-1			
GRY/WHI (1)	20	-20-5-9			S-1837-1	S-1963-1			
RED/BLU	18	-18-2-4			SOLDER	S-1837-4			
WIRE	GA	MATERIAL			LG	TERMINALS			

ITEM NO.	ANT COUPLER	ANTENNA	INDICATOR (ARC TYPE IN-5228)	SIZE	DATE	CONTRACT NO.	WIRE TABLE
27	S-2086-1	ANTENNA	INDICATOR (ARC TYPE IN-5228)	3.11.1			
26	39490-0000	HOUSING - CAP	HOUSING - PLUG	2.13.0			
25	S-1961-2-4	HOUSING - PLUG	ANTENNA	2.13.0			
24	S-1961-1-4	HOUSING - PLUG	ANTENNA	2.13.0			
23	S-1961-1-4	HOUSING - PLUG	ANTENNA	2.13.0			
22	6598501-0103	ANTENNA	ANTENNA	6.13			
21	39490-0000	INDICATOR (ARC TYPE IN-5228)	INDICATOR (ARC TYPE IN-5228)	3.11.0			
20	35493-0004	CONNECTOR KIT (00781)	CONNECTOR KIT (00781)	2.13.0			
19	36364-0000	CONNECTOR KIT (00781)	CONNECTOR KIT (00781)	2.14.0			
18	36363-0000	CONNECTOR KIT (00781)	CONNECTOR KIT (00781)	2.13.0			
17	35493-0003	CONNECTOR KIT (00781)	CONNECTOR KIT (00781)	2.13.0			
16	38960-0028	ACCESSORY UNIT (ARC TYPE IN-5228)	ACCESSORY UNIT (ARC TYPE IN-5228)	4.7			
15		ANTENNA	ANTENNA	6.9			
14	1270012-12	RCVR/XMITR (ARC TYPE IN-5228)	RCVR/XMITR (ARC TYPE IN-5228)	3.11.0			
13	33950-1102	HOUSING	HOUSING	3.11.1			
12	S-1838-2	HOUSING	HOUSING	3.11.1			
11	S-1360-5L	CIRCUIT BREAKER	CIRCUIT BREAKER	3.11.0 2.1			
10	0570084-1	JUNCTION BOX ASSY	JUNCTION BOX ASSY	7.5			
9	1270705-3	CABLE ASSY	CABLE ASSY	2.1			
8	-221	CABLE ASSY	CABLE ASSY	2.11			
7	-230	CABLE ASSY	CABLE ASSY	2.14.0			
6	-205	CABLE ASSY	CABLE ASSY	2.2			
5	-204	CABLE ASSY	CABLE ASSY	2.2			
4	-229	CABLE ASSY	CABLE ASSY	2.13.0			
3	206	CABLE ASSY	CABLE ASSY	2.2			
2	-200	CABLE ASSY	CABLE ASSY	2.1			
1	-200	CABLE ASSY	CABLE ASSY	2.1			

EQUIPMENT TABLE		SUPERSEDES:	
ITEM NO.	DESCRIPTION	PAGE	DATE
1	ANTENNA	1	11-13-71
2	CONNECTOR KIT (00781)	2	11-13-71
3	CONNECTOR KIT (00781)	3	11-13-71
4	CONNECTOR KIT (00781)	4	11-13-71
5	CONNECTOR KIT (00781)	5	11-13-71
6	CONNECTOR KIT (00781)	6	11-13-71
7	CONNECTOR KIT (00781)	7	11-13-71
8	CONNECTOR KIT (00781)	8	11-13-71
9	CONNECTOR KIT (00781)	9	11-13-71
10	CONNECTOR KIT (00781)	10	11-13-71
11	CONNECTOR KIT		



CONTRACT NO:					
DESIGN	NAME	DATE			
GROUP	<i>VR SIZES</i>	<i>9/23/71</i>			
DRAWN	<i>21 N. Lee</i>	<i>11-13-71</i>			
CHECK	<i>VR SIZES</i>	<i>11/13/71</i>			
CHECK	<i>L.C. WHITE</i>	<i>11/13/71</i>			
STRESS					
PROJECT	<i>H.M.C. Austin</i>	<i>11-15-71</i>			
APPD					

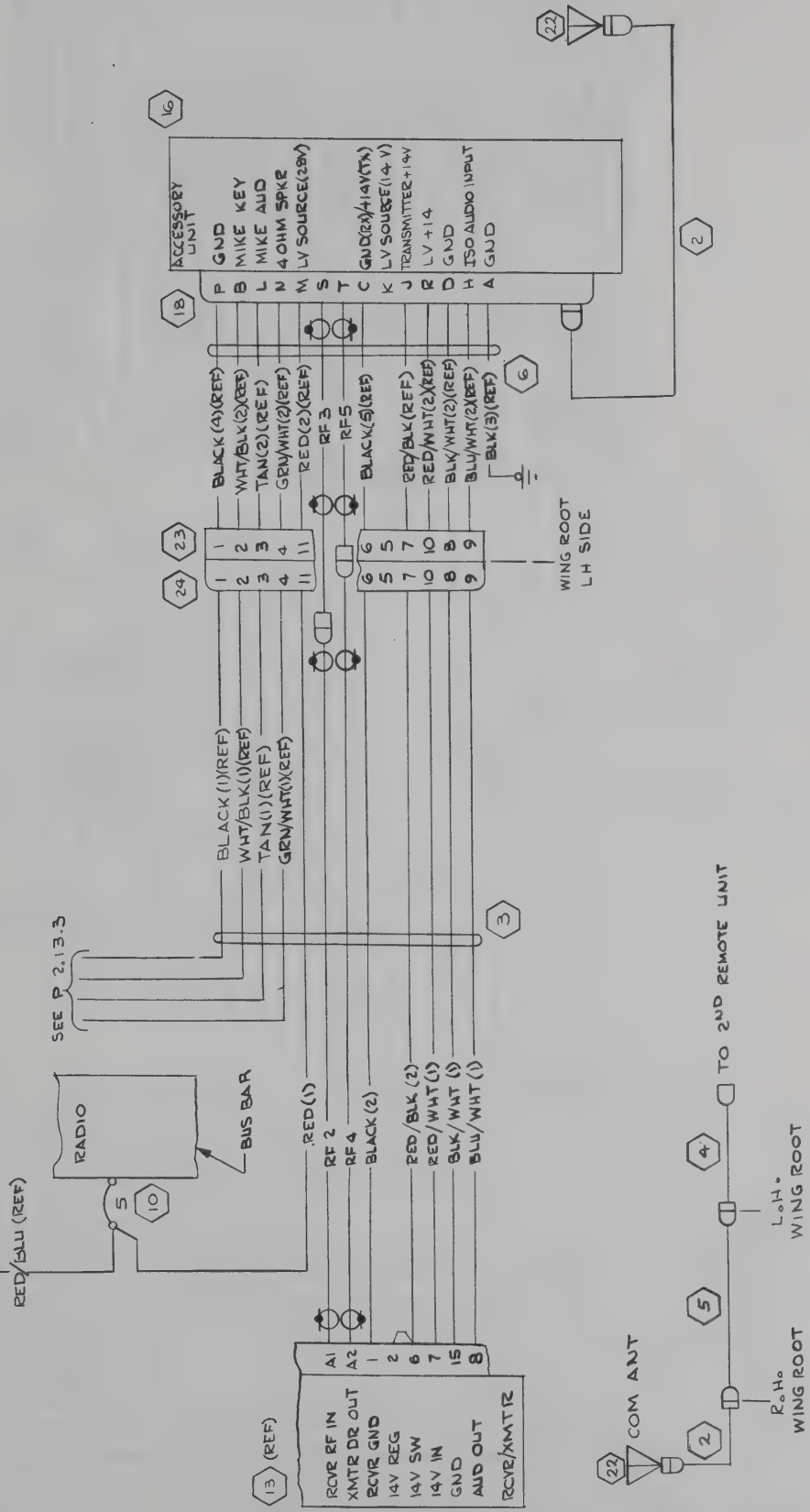


CONTRACT NO:		NAME	DATE
DESIGN		VR SITES	9/22/71
GROUP		H. W. H. H.	11/13-71
DRAWN		VR SITES	11/14/71
CHECK		L. K. WHITE	11/13/71
STRESS			
PROJECT		H. W. H. H.	11-15-71
APPD			

COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CESSNA AIRCRAFT CO.	
TITLE WIRING DIAGRAM - CESSNA 400 NAV/COMM	
SIZE C	CODE IDENT. 71379
DWG NO. 1270708	
SCALE: NONE	210
PAGE: 2.13.3	

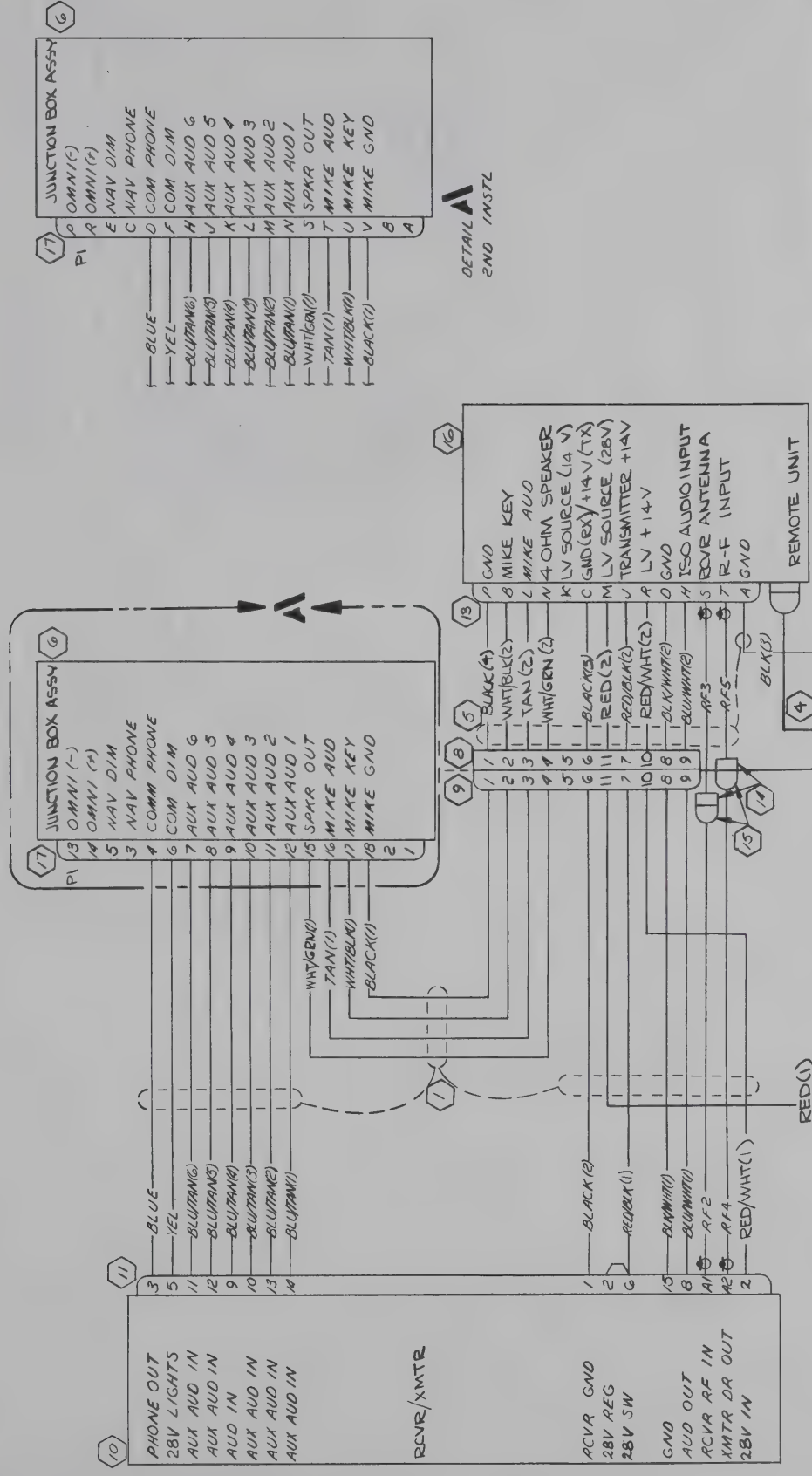
REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		

SEE PG 2.13.2



CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
VR SIPS	VR SIPS	9/23/71	WIRING DIAGRAM -		
GROUP	H. W. AD	11/3/71	CESSNA 400 NAV/COM		
DRAWN	VR SIPS	11/4/71			
CHECK	L.K. WHITE	11/13/71			
STRESS					
PROJECT	11/1/71				
APPD					
SUPERSEDES:					
SIZE	C	NO.	71379	DWG NO.	1270708
SCALE:	NONE	210	PAGE:	2.13.4	(SR6755) IV (REF)

REVISIONS		
LTR	DESCRIPTION	DATE



CONTRACT NO:		NAME	DATE
DESIGN	GROUP	VER SIPS	9/22/71
DRAWN	VER SIPS	11-13-71	
CHECK	11/14/71		
PROJECT	11/15/71		
APPD			

CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM- CESSNA 400 COMM	
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270708	
SCALE: NONE	210	PAGE: 2/4.2	

REVISION		
LET	DESCRIPTION	DATE

ITEM NO.	PART NO.	DESCRIPTION	QUANTITY	UNIT	WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
20	S-1961-1-2	HOUSING	2.15.0		RED/YEL		-22-2-4		S-1636-2	SOLDER
19	S-1961-2-2	HOUSING	2.15.0		TAN/BLU		-22-10-6		S-1636-2	SOLDER
18	-234	CABLE ASSY	2.15.0		TAN/YEL		-22-10-4		S-1636-2	SOLDER
17	S-1960-1-0	HOUSING	2.15.0		TAN/RED		-22-10-2		S-1636-2	SOLDER
16					BLU/BLK		-22-6-0		S-2099-2	S-1963-1
15	-254	CABLE ASSY	2.25.0		BLU/RED		-22-6-2			
14	-233	CABLE ASSY	2.26.0		BLU/YEL		-22-6-4			
13					BLU/GRN		-22-6-5			
12	-256	CABLE ASSY	2.25.0		BLU/WHI		-22-6-9			
11					GRY/BLU		-22-8-6			
10					GRY/WHI		-22-8-10			
9	-255	CABLE ASSY	2.25.1		GRY/YEL		-22-8-4			
8					GRY/BLK		-22-8-0			
7	1200098-1	ANTENNA ASSY	6.14		BLK/YEL		-22-0-4			
6	S-1960-2-0	HOUSING	2.15		GRY/RED	22	-22-8-2		S-2099-2	
5	S-1640-5	HOUSING	2.15		RED	18	-18-2		S-13672-6	
4	36440-0000	G/S RECEIVER	4.5		BLK	18	-18-0		S-2099-1	S-1963-1
3	39380-1014	TRANSCIVER	3.2.1							
2	31694-0001	CONNECTOR	2.15.0							
1	S-2096-1	BLOCK	2.15.0							

WIRE TABLE

CONTRACT NO.		NAME		DATE
DESIGN	VR	SIPES	9/23/71	
GROUP	31	MAX	11-13-71	
DRAWN	VE	SIPES	11/4/71	
CHECK	LK	WHITE	11/13/71	
STRESS				
PROJ	11/11/71			
APPD				
OTHER				

EQUIPMENT TABLE	
CES1000 IS APPLICABLE	
VERION CODES PER S1400	
CESXXX-CESNA SPEC. NO.	
SXXX OR CNXXX-CESNA	
STD. NO.	

SUPERSEDES:	
SUPERSEDED BY:	

SIZE	CODE IDENT.	DWG NO
C	71379	1270708

SCALE: NONE	210	PAGE: 2.15.1
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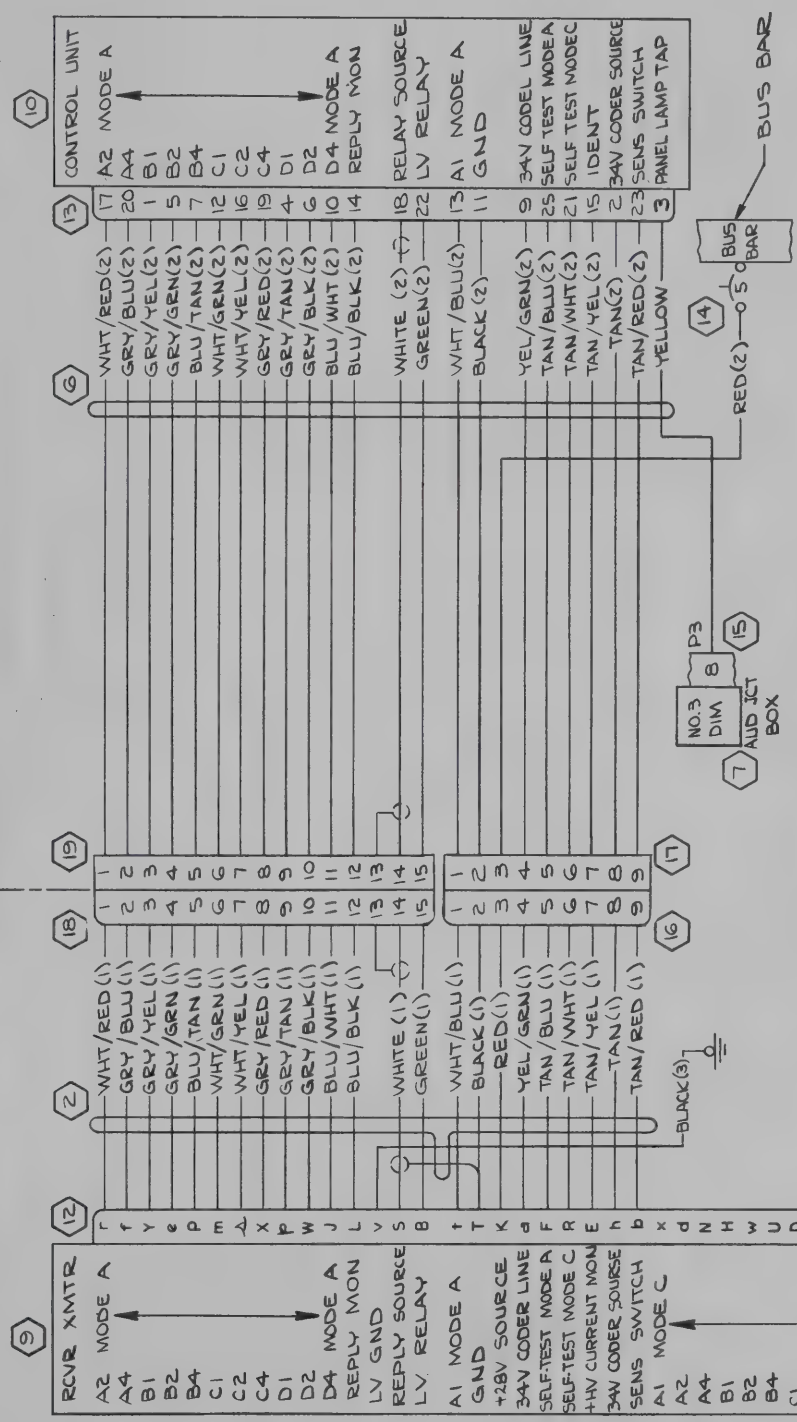
1. A-MP P/N 330024 JACK IS SAME
AS UG-492 D/U JACK

REVISION			
LET	DESCRIPTION	DATE	APPD

[illegible]

REVISIONS		
LTR	DESCRIPTION	DATE

RH WING ROOT



CONTRACT NO.		NAME	DATE
DESIGN		VR SIFES	9/23/71
GROUP		VR SIFES	11/13/71
DRAWN		VR SIFES	11/13/71
CHECK		VR SIFES	11/13/71
STRESS		VR SIFES	11/13/71
PROJECT		VR SIFES	11/13/71
APPD		VR SIFES	11/13/71

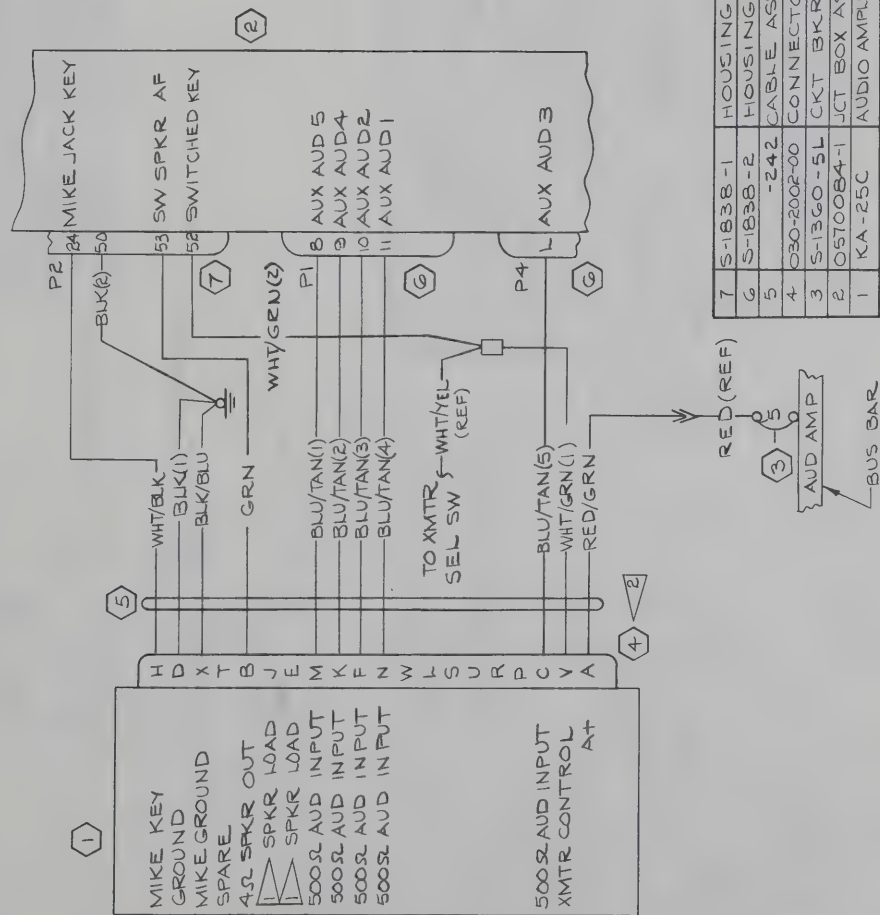
Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE WIRING DIAGRAM- CESSNA 400 TRANSPONDER			
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270708	
SCALE: NONE	210	PAGE: 2.17.2	(SR 6755) J3 (REF)

DESCRIPTION

DA

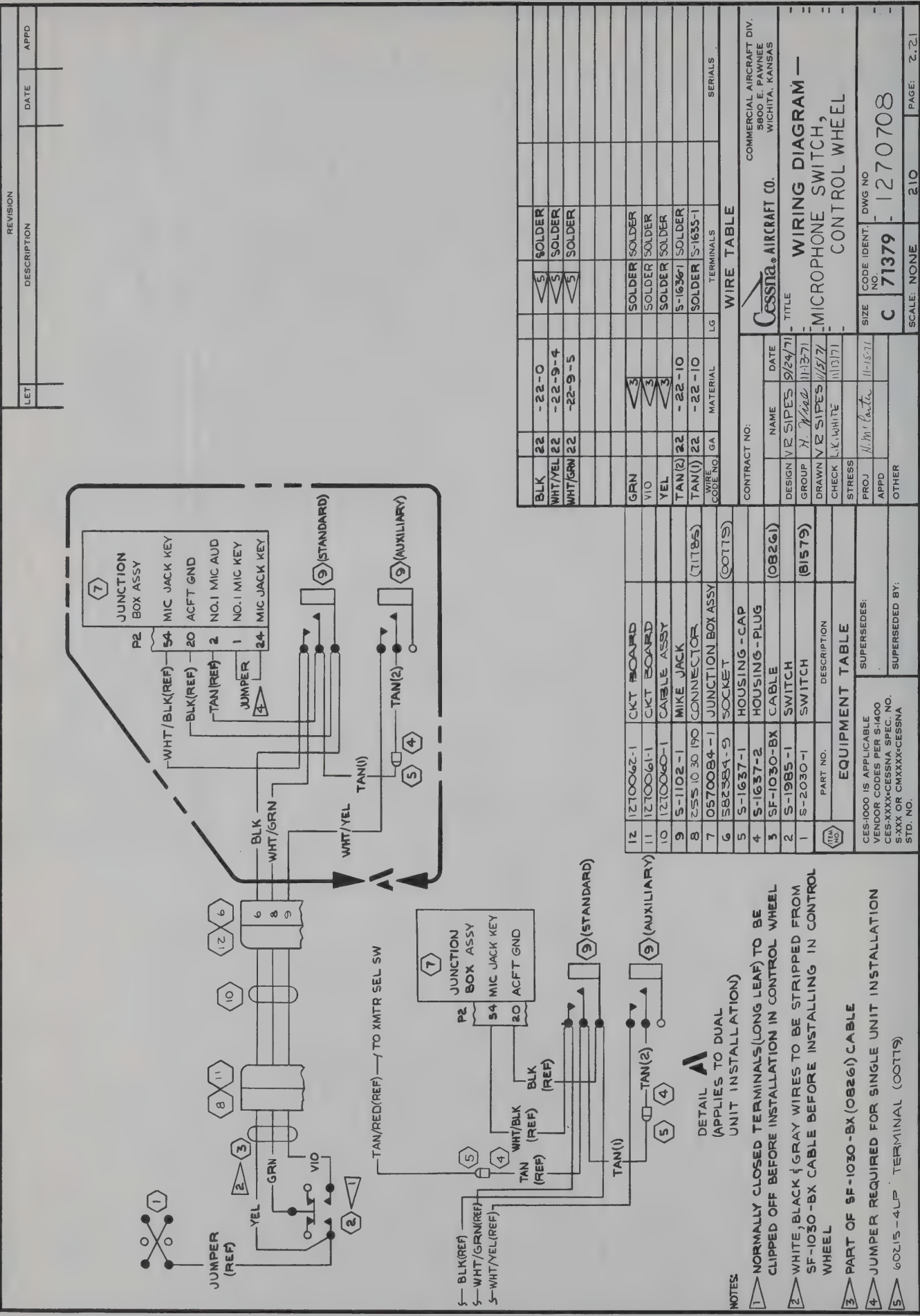
APPD

- 1 THESE CIRCUITS PROVIDE A 4Ω, 5 WATT SPEAKER LOAD WHEN READ BY THE RADIO INST.
- 2 CONNECTOR IS FURNISHED WITH KA-25C



WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
W17GRV22	22	- 22 - 9 - 5			
BW1TAU3	22	- 22 - 6 - 10		S-1837-1	W17/YEL
BW1TAU4	22	- 22 - 6 - 10		↑	↑
BW1TAU3	22	- 22 - 6 - 10		↑	↑
BW1TAU2	22	- 22 - 6 - 10		↑	↑
BW1TAU1	22	- 22 - 6 - 10		S-1837-1	SOLDER
W17GRV022	22	- 22 - 9 - 5		SOLDER	S-170-1
BW1BU1	22	- 22 - 0 - 6		S-1837-1-6	SOLDER
W17BLK 22	22	- 22 - 9 - 0		S-1837-1	SOLDER
GRN 20	20	- 20 - 5		S-1837-1	SOLDER
BW1K2	B	- 18 - 0		S-1837-1-6	S-1837-1
BW1K1	B	- 18 - 0		S-1837-1-6	SOLDER

CONTRACT NO:				WIRE TABLE			
				COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			
TITLE		WIRING DIAGRAM — ISOLATION AMPLIFIER, KING KA-25C					
DESIGN	NAME	DATE	SIZE	CODE IDENT. NO	DWG NO		
GROUP	VER SIZES	9/24/71	C	71379	1270708		
DRAWN	VER SIZES	11-13-71					
CHECK	WHITE	11(13)71					
STRESS							
PROJ	APPD	OTHER					
11-15-71 11-15-71 11-15-71							
SCALE: NONE			Z10		PAGE: 2, 19, 2		



LET	DESCRIPTION	DATE	APPD

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	-22-0		5	SOLDER
WHT/YEL	22	-22-9-4		5	SOLDER
WHT/GRN	22	-22-9-5		5	SOLDER
GRN					
VIO					
YEL					
TAN(2)	22	-22-10			S-1636-1 SOLDER
TAN(1)	22	-22-10			S-1635-1 SOLDER

CONTRACT NO.	NAME	DATE
	VR SIPS	9/24/71
	GROUP	H. W. W. 11-13-71
	DRAWN	VR SIPS 11-13-71
	CHECK	L. K. WHITE 11-13-71
	STRESS	
	PROJ	H. M. B. 11-15-71
	APPD	
	OTHER	

DESIGN	VR SIPS	9/24/71
GROUP	H. W. W.	11-13-71
DRAWN	VR SIPS	11-13-71
CHECK	L. K. WHITE	11-13-71
STRESS		
PROJ	H. M. B.	11-15-71
APPD		
OTHER		

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	-22-0		5	SOLDER
WHT/YEL	22	-22-9-4		5	SOLDER
WHT/GRN	22	-22-9-5		5	SOLDER
GRN					
VIO					
YEL					
TAN(2)	22	-22-10			S-1636-1 SOLDER
TAN(1)	22	-22-10			S-1635-1 SOLDER

CONTRACT NO.	NAME	DATE
	VR SIPS	9/24/71
	GROUP	H. W. W. 11-13-71
	DRAWN	VR SIPS 11-13-71
	CHECK	L. K. WHITE 11-13-71
	STRESS	
	PROJ	H. M. B. 11-15-71
	APPD	
	OTHER	

DESIGN	VR SIPS	9/24/71
GROUP	H. W. W.	11-13-71
DRAWN	VR SIPS	11-13-71
CHECK	L. K. WHITE	11-13-71
STRESS		
PROJ	H. M. B.	11-15-71
APPD		
OTHER		

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	-22-0		5	SOLDER
WHT/YEL	22	-22-9-4		5	SOLDER
WHT/GRN	22	-22-9-5		5	SOLDER
GRN					
VIO					
YEL					
TAN(2)	22	-22-10			S-1636-1 SOLDER
TAN(1)	22	-22-10			S-1635-1 SOLDER

CONTRACT NO.	NAME	DATE
	VR SIPS	9/24/71
	GROUP	H. W. W. 11-13-71
	DRAWN	VR SIPS 11-13-71
	CHECK	L. K. WHITE 11-13-71
	STRESS	
	PROJ	H. M. B. 11-15-71
	APPD	
	OTHER	

NOTES:

1 NORMALLY CLOSED TERMINALS (LONG LEAF) TO BE CLIPPED OFF BEFORE INSTALLATION IN CONTROL WHEEL

2 WHITE, BLACK & GRAY WIRES TO BE STRIPPED FROM SF-1030-BX CABLE BEFORE INSTALLING IN CONTROL WHEEL

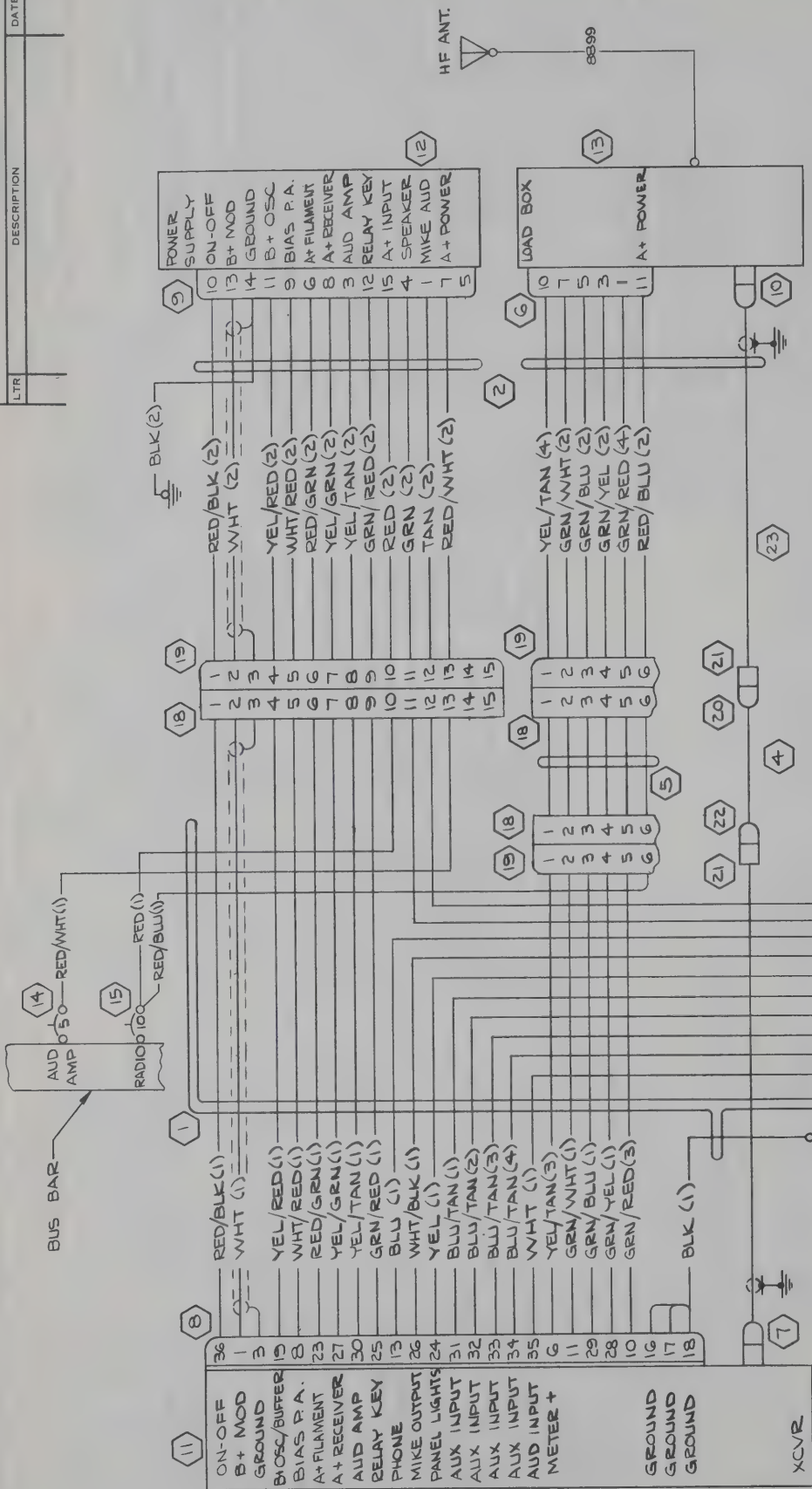
3 PART OF SF-1030-BX (08261) CABLE

4 JUMPER REQUIRED FOR SINGLE UNIT INSTALLATION

5 60215-4LP TERMINAL (00719)

FORM NO. 80-218

REVISIONS		
LTR	DESCRIPTION	DATE



CONTRACT NO.		NAME	DATE
DESIGN		V.R. SINES	9/25/71
GROUP		H. W. SINES	11-13-71
DRAWN		V.R. SINES	11/5/71
CHECK		W.K. WHITE	11/13/71
STRESS			
PROJECT			
APPD			

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.
TITLE		5800 E. PAWNEE
WIRING DIAGRAM -		WICHITA, KANSAS
CESSNA 300 HF		

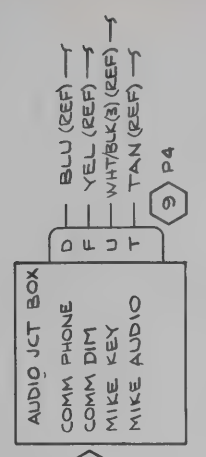
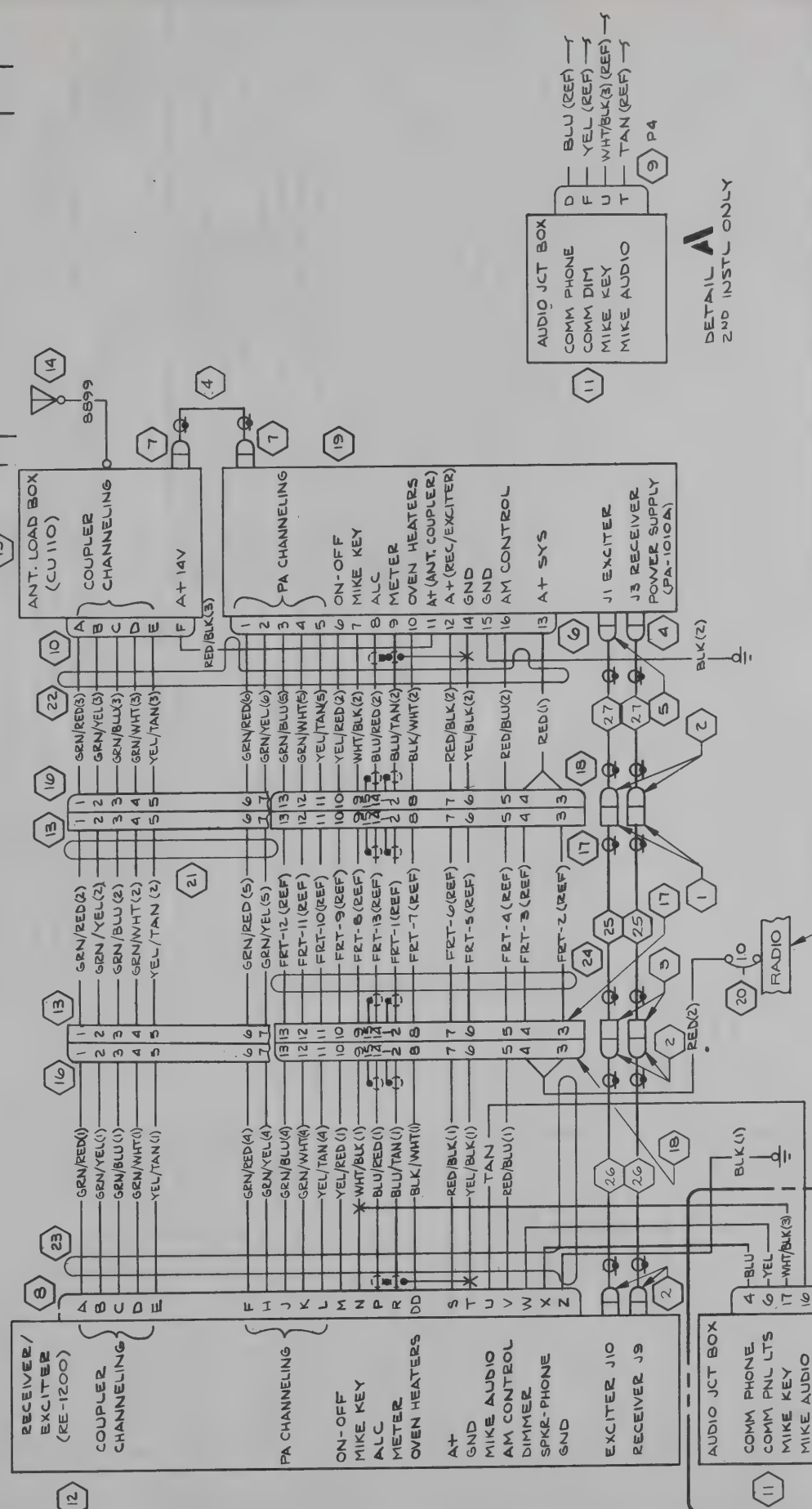
SIZE	CODE IDENT.	DWG NO.
C	71379	1270708
SCALE: NONE		210
PAGE: 2.22.2		(SRG155) IX (22P)

12 GAGE WIRE STRANDS TO BE SPLIT INTO TWO EQUAL BUNDLES.

12 GAGE WIRE STRANDS TO BE SPLIT INTO TWO EQUAL BUNDLES.

FORM NO. 80-215B

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



DETAIL A
2ND INSTL ONLY

CONTRACT NO.		NAME	DATE
DESIGN		VER SIPS	9/25/71
GROUP		H. M. W.	11-13-71
DRAWN		VER SIPS	11/5/71
CHECK		L. K. WHITE	11/13/71
STRESS			
PROJECT		H. M. W.	11-15-71
APPRO			

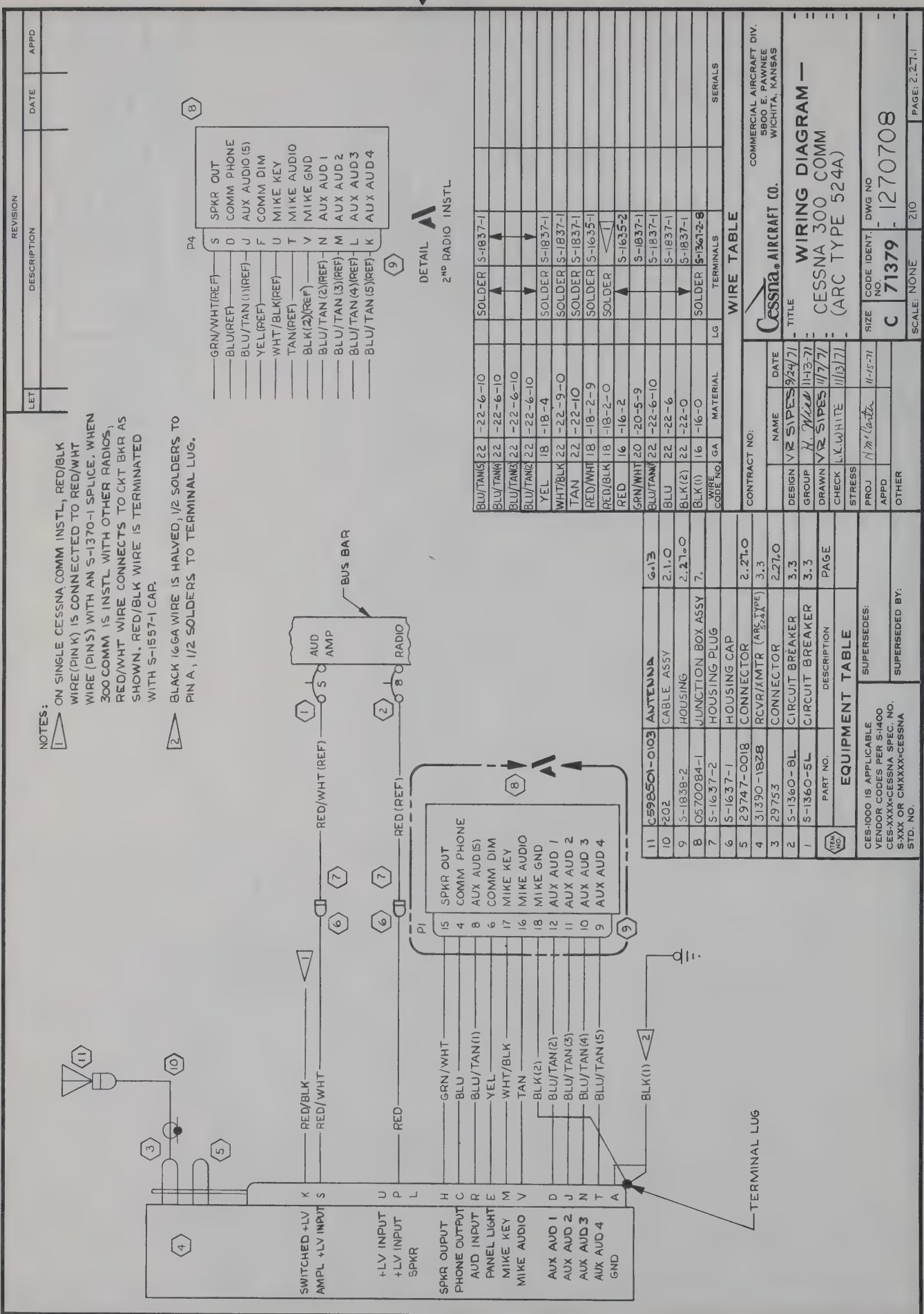
Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.
		5800 E. PAWNEE
		WICHITA, KANSAS

TITLE	
WIRING DIAGRAM -	
SSB (HF) (ASB-125)	

SIZE	CODE IDENT.	DWG NO.
C	71379	1270708

SCALE	NONE	210
PAGE	2	23, 2

[illegible]



NOTES:

- 1 ON SINGLE CESSNA COMM INSTL, RED/BLK WIRE (PIN K) IS CONNECTED TO RED/WHT WIRE (PINS) WITH AN S-1370-1 SPLICE. WHEN 300 COMM IS INSTL WITH OTHER RADIOS, RED/WHT WIRE CONNECTS TO CKT BKR AS SHOWN. RED/BLK WIRE IS TERMINATED WITH S-1557-1 CAP.
- 2 BLACK 16 GA WIRE IS HALVED, 1/2 SOLDERS TO PIN A, 1/2 SOLDERS TO TERMINAL LUG.

LET	DESCRIPTION	DATE	APPD

GRN/WHT(REF)	S	SPKR OUT
BLU(REF)	D	COMM PHONE
BLU/TAN(1)(REF)	J	AUX AUDIO(5)
YEL(REF)	F	COMM DIM
WHT/BLK(REF)	U	MIKE KEY
TAN(REF)	T	MIKE AUDIO
BLK(2)(REF)	V	MIKE GND
BLU/TAN(2)(REF)	N	AUX AUD 1
BLU/TAN(3)(REF)	M	AUX AUD 2
BLU/TAN(4)(REF)	L	AUX AUD 3
BLU/TAN(5)(REF)	K	AUX AUD 4

P4

DETAIL A

2ND RADIO INSTL

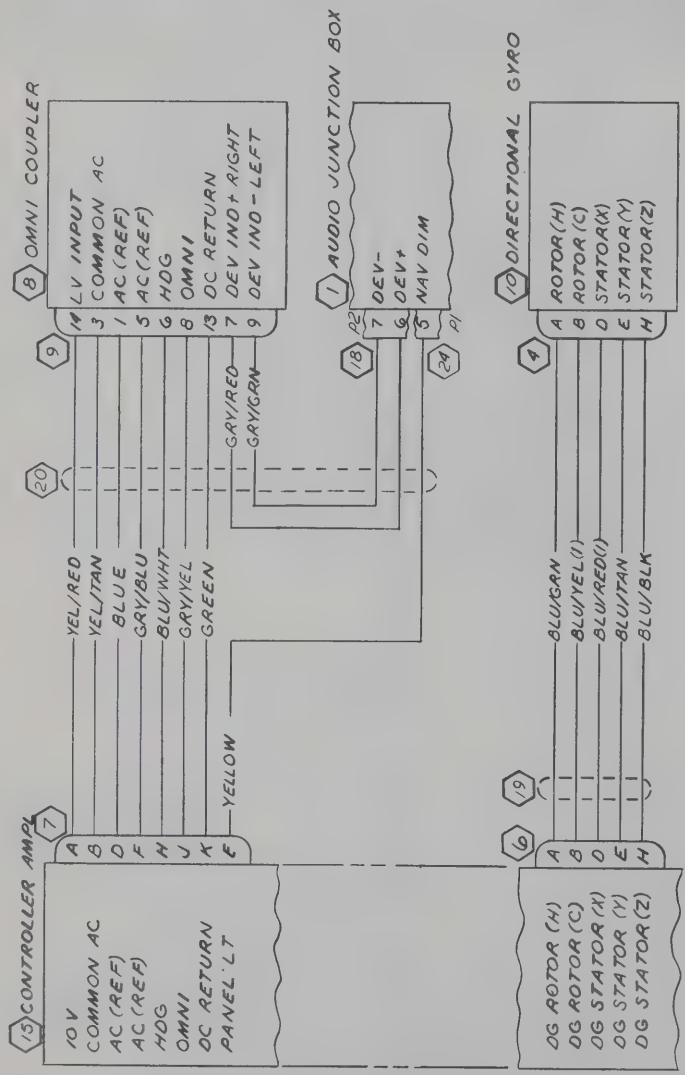
BLU/TAN(5) 22	-22-6-10	SOLDER S-1837-1
BLU/TAN(4) 22	-22-6-10	
BLU/TAN(3) 22	-22-6-10	
BLU/TAN(2) 22	-22-6-10	
YEL 18	-18-4	SOLDER S-1837-1
WHT/BLK 22	-22-9-0	SOLDER S-1837-1
TAN 22	-22-10	SOLDER S-1837-1
RED/WHT 18	-18-2-9	SOLDER S-1635-1
RED/BLK 18	-18-2-0	SOLDER S-1635-2
RED 16	-16-2	S-1635-2
GRN/WHT 20	-20-5-9	S-1837-1
BLU/TAN(1) 22	-22-6-10	S-1837-1
BLU 22	-22-6	S-1837-1
BLK(2) 22	-22-0	S-1837-1
BLK(1) 16	-16-0	SOLDER S-1635-2-8
WIRE CODE NO	GA	TERMINALS
		SERIALS

CONTRACT NO:	NAME	DATE
	VR SIPS	9/24/71
DESIGN	VR SIPS	11/13/71
GROUP	VR SIPS	11/13/71
DRAWN	VR SIPS	11/13/71
CHECK	VR SIPS	11/13/71
STRESS		
PROJ	VR SIPS	11/13/71
APPD		
OTHER		

SIZE	CODE IDENT.	DWG NO
C	71379	1270708
SCALE:	NONE	2:10
		PAGE: 2.27.1

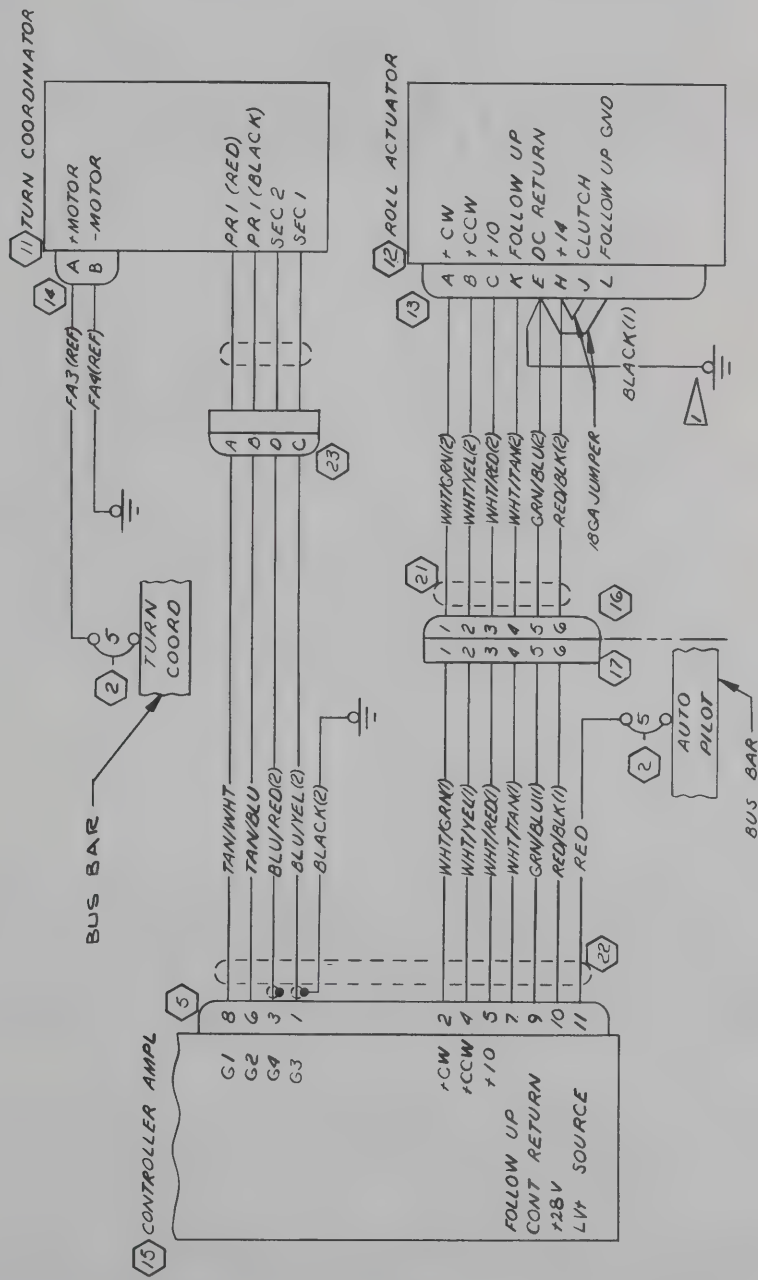
(SRG155) (REF)

REVISIONS		
LTR	DESCRIPTION	DATE



CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	SIZE	CODE IDENT.
VR SIZES	H. W. L.	2-18-71	WIRING DIAGRAM-	C	71379
GROUP	VR SIZES	2-18-71	CESSNA 300 NAV-O-MATIC		
DRAWN	VR SIZES	2-18-71	AUTOPILOT		
CHECK	VR SIZES	2-18-71			
STRESS	VR SIZES	2-18-71			
PROJECT	VR SIZES	2-18-71			
APPD	VR SIZES	2-18-71			
SCALE: NONE			PAGE: 14, 2, 1		

REVISIONS		DATE		APPROVED	
LTR	DESCRIPTION				

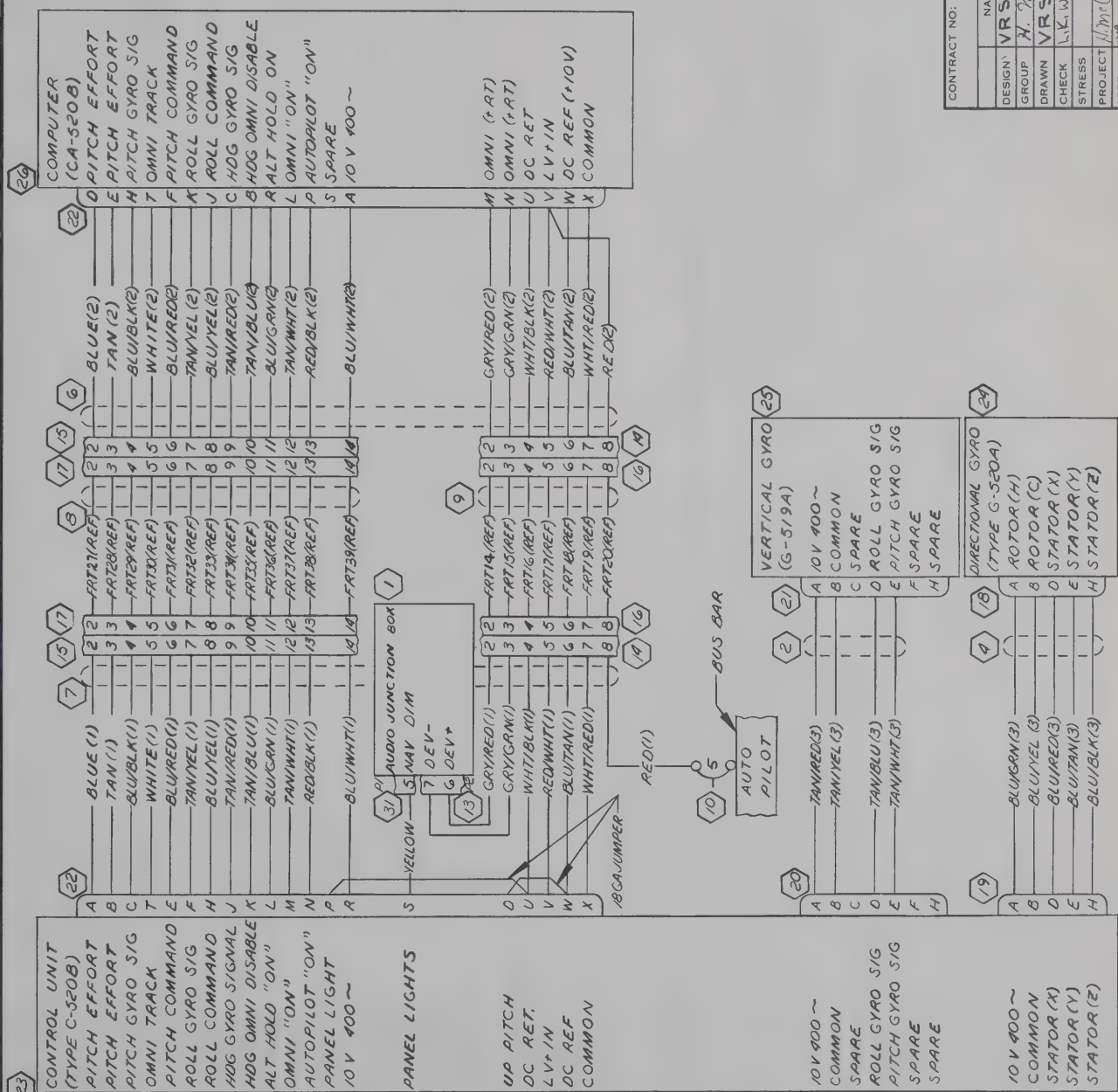


CONTRACT NO.		NAME	DATE
		VR SIPS	1-28-71
DESIGN		VR SIPS	2-28-71
GROUP		VR SIPS	2-18-71
DRAWN		VR SIPS	2-24-71
CHECK		VR SIPS	2-24-71
STRESS		VR SIPS	2-24-71
PROJECT		VR SIPS	2-24-71
APPD		VR SIPS	2-24-71

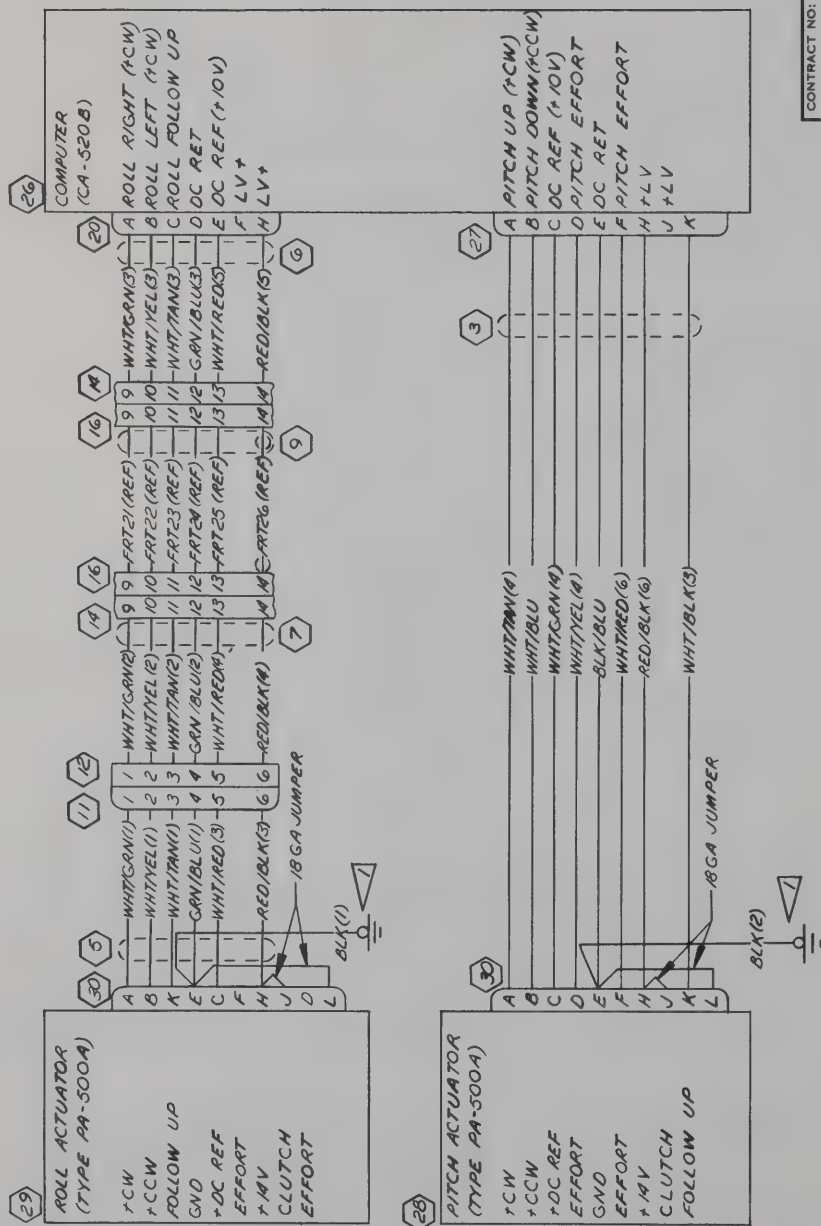
Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
TITLE		5800 E. PAWNEE	
		WICHITA, KANSAS	
WIRING DIAGRAM-			
CESSNA 300 NAV-O-MATIC			
AUTOPILOT (OPT)			
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270709	
SCALE: NONE	210	PAGE: 11, 2, 2	

REVISIONS		
LTR	DESCRIPTION	DATE APPROVED

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	WIRING DIAGRAM -	
GROUP	VR SIPS	12/11/70		CESSNA 400 NAV-O-MATIC	
DRAWN	H. H. Lee	2-26-71		(OPT)	
CHECK	VR SIPS	2/18/71			
STRESS	L.K. WHITE	2-24-71			
PROJECT	limb. Auth.	2-27-71	SIZE	CODE IDENT. NO.	DWG NO.
APPD	WAB		C	71379	1270709
			SCALE: NONE	2/0	PAGE: 123/1



REVISIONS	DATE	APPROVED
LTR		
DESCRIPTION		



CONTRACT NO.		NAME	DATE
DESIGN		VR SIPS	12/1/70
GROUP		H. M. W.	2-26-71
DRAWN		VR SIPS	2-18-71
CHECK		L. L. WHITE	2-24-71
STRESS			
PROJECT		Wichita	2-27-71
APPRO			

COMMERCIAL AIRCRAFT DIV. WICHITA AIRCRAFT DIV. WICHITA, KANSAS	
TITLE WIRING DIAGRAM- CESSNA 400 NAV-O-MATIC (OPT)	
SIZE C	CODE IDENT. 71379
DWG NO. 1270709	
SCALE: NONE	PAGE: 19, 3, 2

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	337 SERIAL 337-0979 & ON		
	T337 SERIAL T337-0979 & ON		
	F337 SERIAL F33700001 & ON		
	FT337 SERIAL T33700001 & ON		
2.0.3	W.D. - Speaker, Phone Jack & Microphone Jack	9-3-69	A
2.0.4	Schematic Diagram - Audio Junction Box, Internal Wiring	5-12-69	A
2.1.4	Cessna 300 Nav/Com (ARC RT-540A)	12-2-70	E-Inac
2.1.5	Cessna 300 Nav/Com	12-2-70	E-Inac
2.1.6	Cessna 300 Nav/Com	12-2-70	C-Inac
2.24.2	Cessna 300 Marker Beacon	5-28-70	B-Inac
2.24.4	Cessna 300 Marker Beacon	5-28-70	NC
2.24.6	W.D. - Ground Avoidance Radar	6-16-70	NC
2.25.1	Cessna 300 Transceiver	8-7-68	A
2.26.3	Cessna 300 DME	4-30-69	B
2.34.1	Cessna 300 ADF (ARC Type R-521B)	9-28-71	B-Inac
2.47.1	Audio System, 300 & 400 Series	5-28-70	C
2.47.2	Audio System, 300 & 400 Series	9-24-68	B
2.47.3	Audio System, 300 & 400 Series	5-28-70	C
2.58.1	W.D. - Cessna 400 Glideslope (ARC Type R-543B)	6-8-70	B
2.59.1	W.D. - Cessna 400 Glideslope (ARC Type R-543B)	12-2-70	A-Inac
2.60.2.1	Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	6-8-70	D
2.60.2.2	Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	6-8-70	D
2.60.2.3	Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	10-27-69	B
2.61.0	W.D. - Pitch Trim, Mike & Map Light Control Wheel	9-3-69	E-Inac
2.61.3	W.D. - Auxiliary Mike Jack & Control Wheel Key	9-3-69	NC-Inac
2.61.4	Mike Switch, Control Wheel	6-19-70	NC-Inac
2.61.5	W.D. - Mike Switch, Control Wheel	1-18-72	A-Inac
2.61.6	W.D. - Mike Switch, Control Wheel	1-18-72	NC
2.62	W.D. - Pitch Trim & Mike Switch, Control Wheel	9-3-69	B-Inac



TITLE: RADIO WIRING DIAGRAMS
MODEL 337 SERIES

DRAWING NO.

1570001

DATE: 15 April 1972

PAGE: 1 of 4

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.63	W.D. - Pitch Trim & Map Light Control Wheel	9-3-69	B-Inac
2.64.0	Audio System - Dual 400 Nav/Com & 400 Com (ARC Type 522A & 532A)	9-26-67	NC
2.66.2	Selector Switch - Transmitter & Omni	4-3-70	C
2.69.3	Cessna 400 Transponder (ARC Type 506A)	4-30-70	A-Inac
2.69.4	W.D. - Cessna 400 Transponder (ARC Type 506A)	4-30-70	NC
2.71.10	Cessna 300 HF	3-7-68	NC
2.71.11	Cessna 300 HF	3-7-68	NC
2.71.12	Cessna 300 HF	3-7-68	NC
2.72.1	W.D. - Cessna 400 ADF (ARC Type 324A)	9-28-71	B-Inac
2.73.1	W.D. - Audio Selector Switches, Accessory Kit	5-28-70	B
2.74.1	W.D. - Cessna 300 Transponder	4-30-70	A-Inac
2.74.4	W.D. - Cessna 300 Transponder	4-30-70	NC
2.75.1	W.D. - Narco Mark 12B with VOA-40 Indicator	8-20-69	NC
2.75.2	W.D. - Narco Mark 12B with VOA-40 Indicator	8-20-69	NC
2.76.1	W.D. - Narco Mark 12B with VOA-50M Indicator	8-20-69	NC
2.76.2	W.D. - Narco Mark 12B with VOA-50M Indicator	8-20-69	NC
2.76.3	W.D. - Narco Mark 12B with VOA-50M Indicator	8-20-69	NC
2.77.1	W.D. - Cessna 300 Mkr Bcn (R-502B) with VOA-50M Indicator	5-28-70	NC-Inac
2.77.2	W.D. - Cessna 300 Mkr Bcn (R-502B) with VOA-50M Indicator	5-28-70	NC-Inac
2.77.4	Cessna 300 Mkr Bcn (R-502B) with VOA-50M Indicator	5-28-70	NC
2.77.5	Cessna 300 Mkr Bcn (R-502B) with VOA-50M Indicator	5-28-70	NC
2.78.1	W.D. - UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	6-8-70	A
2.78.2	W.D. - UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	6-8-70	NC-Inac
2.79	W.D. - Typical Switching Narco Mark 12B & ADF	10-27-69	NC
2.80.1	W.D. - Sunair HB (ASB-125)	3-24-70	B
2.80.2	W.D. - Sunair SSB HB (ASB-125)	3-24-70	B

Cessna.

TITLE: RADIO WIRING DIAGRAMS
MODEL 337 SERIES

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1570001

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PAGE: 2 of 4

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.82.1	W.D. - Cessna 400 Glideslope (ARC Type R-543B)	4-5-71	NC
2.82.2	W.D. - Cessna 400 Glideslope (ARC Type R-543B)	4-5-71	NC
2.83.0	W.D. - Cessna 300R Nav/Com VOR/ILS (ARC Type 528A)	4-5-71	NC
2.83.1	W.D. - Cessna 300R Nav/Com VOR (ARC Type 528A)	4-5-71	NC
2.83.2	W.D. - Cessna 300R Nav/Com VOR/ILS (ARC Type 528A)	4-5-71	NC
2.84.1	W.D. - Cessna 300 & 400 Digital ADF (ARC Type R-546 & R-346)	9-28-71	NC
2.84.3	W.D. - Schematic Dual Voltage Regulator	9-28-71	NC
2.85.4.0	W.D. - Audio Selector Switch - Push Button	3-27-72	NC
2.85.4.1	W.D. - Transmitter Selector Switch - Push Button	3-27-72	NC
2.85.4.2	W.D. - Audio Selector Switch - Push Button	3-27-72	NC
2.85.4.3	W.D. - Omni Selector Switch - Push Button	3-27-72	NC
DRAWING NUMBER 1570000			
14.3.1	W.D. - Cessna Nav-O-Matic 300 Autopilot (Opt.)	6-6-68	B-Inac
14.3.2	W.D. - Cessna Nav-O-Matic 300 Autopilot (Opt.)	6-6-68	B-Inac
14.4.1.1	W.D. - Cessna Nav-O-Matic 400 Autopilot (Opt.)	6-6-68	NC-Inac
14.4.2	Cessna Nav-O-Matic 400 Autopilot (Opt.)	6-6-68	A-Inac
14.4.3	Cessna Nav-O-Matic 400 Autopilot (Opt.)	6-6-68	NC-Inac
14.4.4	Cessna Nav-O-Matic 400 (Opt.)	1-18-72	C
14.4.5	Cessna Nav-O-Matic 400 (Opt.)	11-18-69	B
14.4.6	Cessna Nav-O-Matic 400 (Opt.)	11-18-69	B
14.4.7	Cessna Nav-O-Matic 400 System (Opt.)		
14.7.0	Cessna 300 Nav-O-Matic Autopilot (24 Volt)	11-18-69	A
14.7.1	Cessna 300 Nav-O-Matic Autopilot (24 Volt)	11-18-69	A
14.7.2	Cessna 300 Nav-O-Matic Autopilot (24 Volt)	11-18-69	A
14.10.0	Cessna 400A Nav-O-Matic Autopilot	3-26-71	A
14.10.1	Cessna 400A Nav-O-Matic Autopilot	3-26-71	A
14.10.2	Cessna 400A Nav-O-Matic Autopilot	3-26-71	A
14.10.3	Cessna 400A Nav-O-Matic Autopilot	3-28-72	Inac
14.10.4	Cessna 400A Nav-O-Matic Autopilot	3-26-71	A
14.10.5	Cessna 400A Nav-O-Matic Autopilot	6-3-70	NC
14.10.6	Cessna 400 Nav-O-Matic G-Switch & Delay Relay	3-26-71	NC



TITLE: RADIO WIRING DIAGRAMS
MODEL 337 SERIES

DRAWING NO.

1570001

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CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
14.11.0	Cessna Nav-O-Matic 400A Slaved Directional Gyro, (Opt.)	6-3-70	NC
14.12.1	Instrument Landing System - Nav-O-Matic 400A (Opt.)	3-28-72	NC-Inac
14.12.2	Instrument Landing System - Nav-O-Matic 400A (Opt.)	3-28-72	NC-Inac
14.12.3	W.D. - Instrument Landing System, Nav-O-Matic 400A (Opt.)	3-28-72	NC
14.12.4	W.D. - Instrument Landing System, Nav-O-Matic 400A (Opt.)	3-28-72	NC
14.12.5	W.D. - Instrument Landing System, Nav-O-Matic 400A (Opt.)	3-28-72	NC



TITLE: RADIO WIRING DIAGRAMS
MODEL 337 SERIES

DRAWING NO.

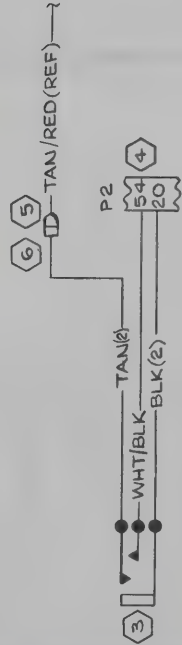
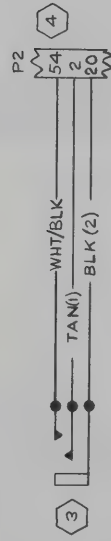
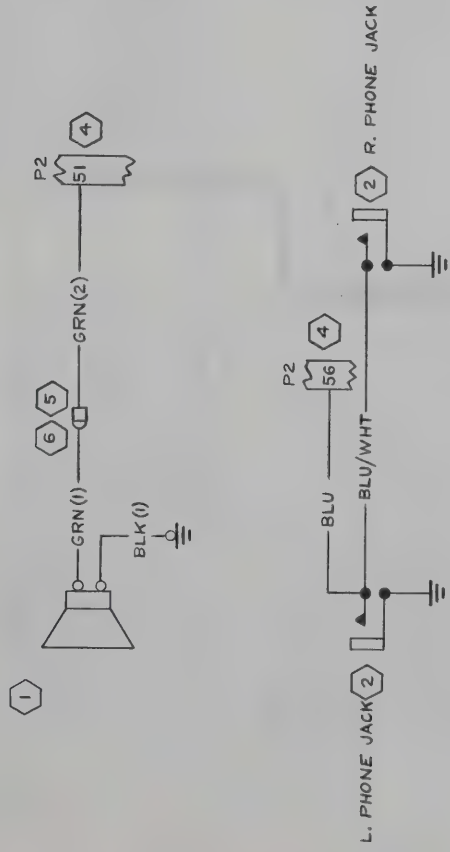
1570001

DATE: 15 April 1972

PAGE: 4 of 4

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

REVISION		DATE	APPD
LET	DESCRIPTION		
A	BY REV: ADD DUAL XCVR INSTL; ON BLK(2) S-1837-1 WAS S-1367-1-8 ED 4RR 10652A	SEM 8-22-68 HFW gkl	

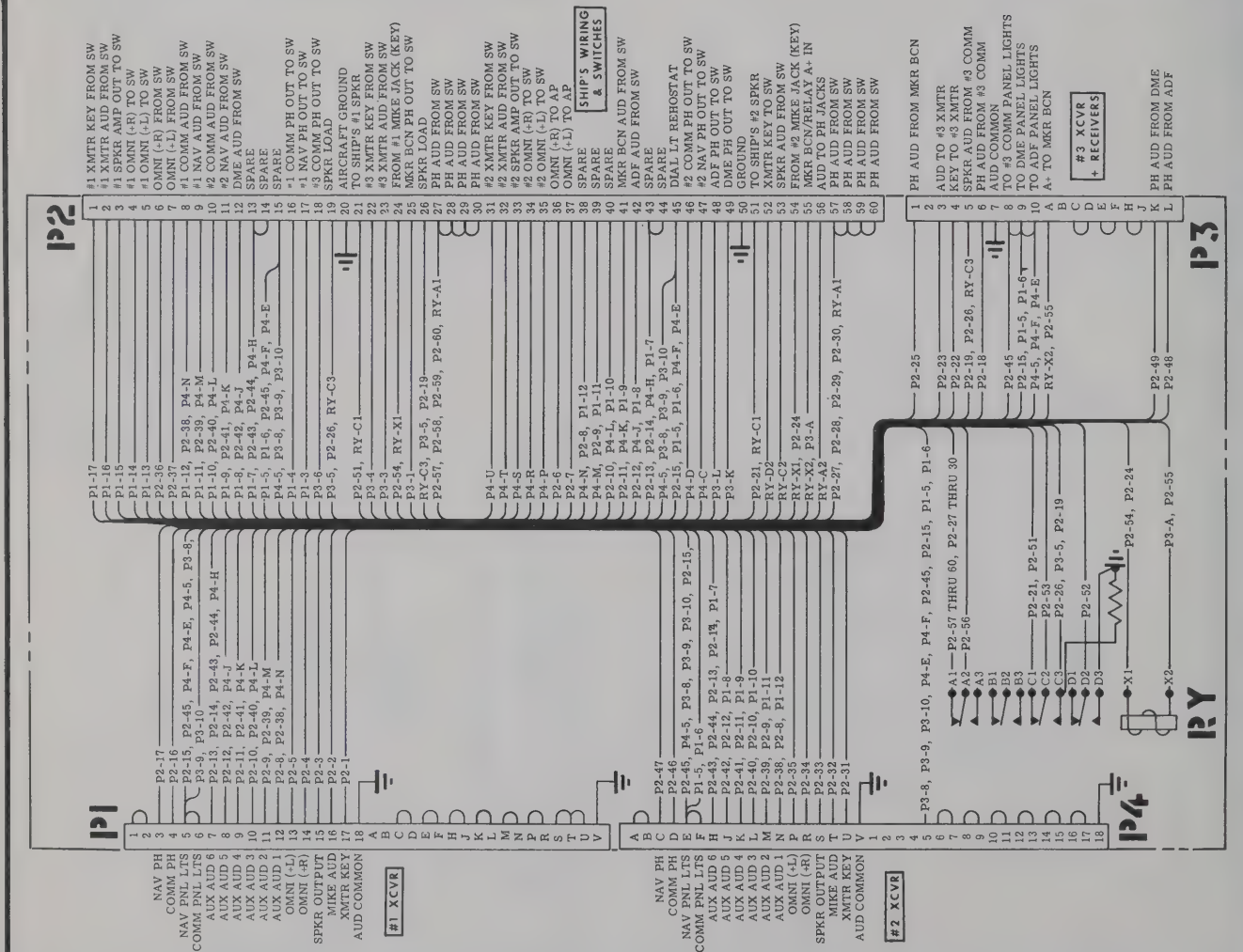


WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
TAN(2)	22	-22-10		SOLDER S-1636-1	
BLK(2)	22	-22-0		SOLDER S-1837-1	
BLK(1)	22	-22-0		S-1829-1 S-1367-1-8	
TAN(1)	22	-22-10		SOLDER S-1837-1	
WHT/BLK	22	-22-9-0		SOLDER S-1837-1	
BLU/WHT	22	-22-6-9		SOLDER SOLDER	
BLU	22	-22-6		SOLDER S-1837-1	
GRN(2)	20	-20-5		S-1837-1 S-1636-1	
GRN(1)	20	-20-5		S-1635-1 S-1829-1	

CONTRACT NO.		WIRE TABLE	
DESIGN	NAME	DATE	TITLE
GROUP	SIPE'S VR	8/5/68	WIRING DIAGRAM -
DRAWN	RB IRWIN	8-30-68	SPEAKER, PHONE JACK &
CHECK	RB IRWIN	8-26-68	MICROPHONE JACK
STRESS	RB IRWIN	8-26-68	
PROJECT	RB IRWIN	8-26-68	
APPD	RB IRWIN	8-26-68	
SUPERSEDES:		CODE IDENT. DWG NO.	
P 2.0.1		C 71379	1570001
SUPERSEDED BY:		SCALE: NONE	PAGE: 2.0.3

ITEM NO.	PART NO.	DESCRIPTION
6	S-1637-2	HOUSING - PLUG
5	S-1637-1	HOUSING - CAP
4	S-1838-1	CONNECTOR
3	S-1102-1	MICROPHONE JACK
2	S-1103-1	PHONE JACK
1	C596504-0101	SPEAKER

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: 465195-2 WAS 46195-2; ADD NOTE 8 EDRR 24170	DGP 5-1-68	CLY Haw



NOTES:			
1.	THIS DRAWING FOR TECHNICAL USE ONLY		
2.	P1 AND P4 MATE WITH S-1838-2 HOUSING (AMP 1-582191-5)		
3.	P2 MATES WITH S-1838-1 HOUSING (AMP 480146-7)		
4.	P3 MATES WITH S-1838-3 HOUSING (AMP 582963-2)		
5.	ALL THE ABOVE HOUSINGS USE S-1837-1 CONTACT PINS (AMP 42717-3LP) AND S-1836-1 KEYING PLUGS (AMP 582501-1)		
6.	CONTACTS CRIMP ON WITH AMP TOOL 90017		
7.	CONTACTS EXTRACT WITH AMP TOOL 465195-2		
8.	IF A CRIMPING TOOL IS NOT AVAILABLE WIRES MAY BE SOLDERED TO PINS IN LIEU OF CRIMPING		

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	V.S. 51PES	1-13-69	SCHEMATIC DIAGRAM - AUDIO		
DRAWN	NUCKOLLS	2-7-69	JUNCTION BOX, INTERNAL		
CHECK			WIRING		
STRESS					
PROJECT					
APPD					
SIZE			CODE IDENT.	DWG NO.	
C			71379	1570001	
SCALE: NONE			337	PAGE: 2.0.4	

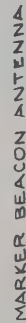
EDRR 10316 SER 337-0979 4 ON

ON SINGLE NAV/COM 300R INSTL, RED/BLK WIRE(PIN K) IS CONNECTED TO RED/WHT WIRE(PIN P) WITH AN S-1370-1 SPLICE. IN AUDIO JCT BOX ADD JUMPER WIRE BETWEEN PIN 16 & PIN 13 OF P2. WHEN THE NAV/COM 300R IS INSTALLED WITH OTHER RADIO UNITS, RED/WHT WIRE CONNECTS TO CKT BKR AS SHOWN & RED/BLK WIRE CONNECTS AS SHOWN ON NAV/COM 300R AUDIO SYSTEM

2. S-1557-1 CAPS TO BE REMOVED AS REQD
WHEN BLU/TAN WIRES ARE REQD FOR
AUDIO INPUTS

REFER TO PAGE 2.O.3 FOR MIKE JACK,
PHONE JACK & SPKR CONNECTIONS ON
SINGLE RADIO INSTL. REFER TO NAV/COM
300 AUDIO SYSTEM FOR MIKE JACK, PHONE
JACK & SPKR CONNECTIONS ON MULTIPLE
RADIO INSTL

FORM NO. 80-215A



LET	DESCRIPTION	DATE	APPD	GEI	UNIT
A	BY REV: ADD P3; HOUSING WAS CONNECTOR ED & RR10025 (SR5441)IX	8-6-64	EGY	DEM	W44
D	BY REV: 5-189T-1 WAS 5-156T-1-6 ED ERR 0258	PER 11-21-64	8-6-64	DEM	W45 W46

[illegible]

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
TAN/WHIT	22	-22-10-9		SOLDER	
TAN/BLU	22	-22-10-6		SOLDER	
TAN/YEL	22	-22-10-4		SOLDER	
GRY/BLU	22	-22-8-6		SOLDER	
WHIT/BLK	20	-20-9-0		S1837-1	
YEL/RED	20	-20-4-2		SOLDER	
RED/GRN	20	-20-2-5		S1837-1	
BLACK(1)	22	-22-0		S1367-1B	
BLACK(2)	22	-22-0		S1367-1B	
BLK/YEL	22	-22-0-4		SOLDER	

WIRE TABLE

CONTRACT NO:		NAME		DATE	
DESIGN		WIRING DIAGRAM		5-10-68	
GROUP		Y. M. SWANEY		5-10-68	
DRAWN		YOUNGERS		4-29-68	
CHECK		G. IRVIN		5-9-68	
STRESS		B K M. Yank		5-10-68	
PROJECT		Cessna 300		5-10-68	
APPD		SWANEY		5-9-68	

9	0570084-2	JUNCTION BOX ASSY	
8	5-1838-3	HOUSING	
7	-265	CABLE ASSY	
6			
5	5-1696-2	SWITCH (95146)	
4	82J, 2WATT	RESISTOR (00781)	
3	28487	TERMINAL (00781)	
2	28317-0009	PLUG (00781)	
1	31240-0028	MKR BCN RCVR (00781)	

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

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EQUIPMENT TABLE	

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P 2,24-1

SUPERSEDED BY:
P 2,24-4

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P 2,24-4

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EQUIPMENT TABLE	

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SUPERSEDED BY:
P 2,24-4

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P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

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SUPERSEDED BY:
P 2,24-4

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EQUIPMENT TABLE	

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SUPERSEDED BY:
P 2,24-4

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EQUIPMENT TABLE	

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SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

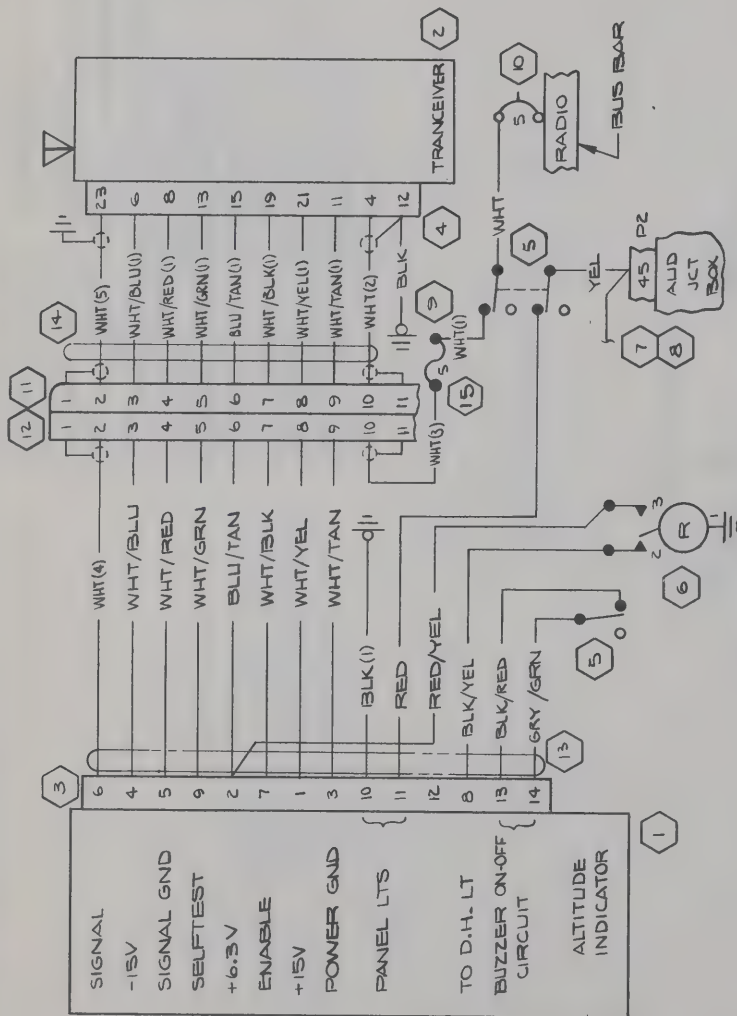
SUPERSEDED BY:
P 2,24-4

PART NO.	DESCRIPTION
EQUIPMENT TABLE	

SUPERSEDED BY:
P 2,24-1

SUPERSEDED BY:
P 2,24-4

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ITEM NO.	PART NO.	DESCRIPTION	PAGE
15	AGC-5	FUSE	
14	-2032	CABLE ASSY	2.24.4
13	-2031	CABLE ASSY	2.24.4
12	S-1641-12	HOUSING	2.24.4
11	S-1640-12	HOUSING	2.24.4
10	S-1360-5	CKT BRKR	
9	HJJ-A	FUSEHOLDER	2.24.4
8	1510084-2	AUD JCT BOX ASSY	
7	S-1838-2	HOUSING	
6	WM912M25SPEC	DH LIGHT MODULE	2.24.4
5	MSL-203N	SWITCH	2.24.4
4	ST-30240	CONNECTOR	2.24.4
3	ST-3040	CONNECTOR	2.24.4
2	TG219	TRANCEIVER (IFD)	6.31
1	MJ211	ALTITUDE IND (IFD)	3.34
		EQUIPMENT TARI F	

CES-1000 IS APPLICABLE
VENDOR CODES PER S-I400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.

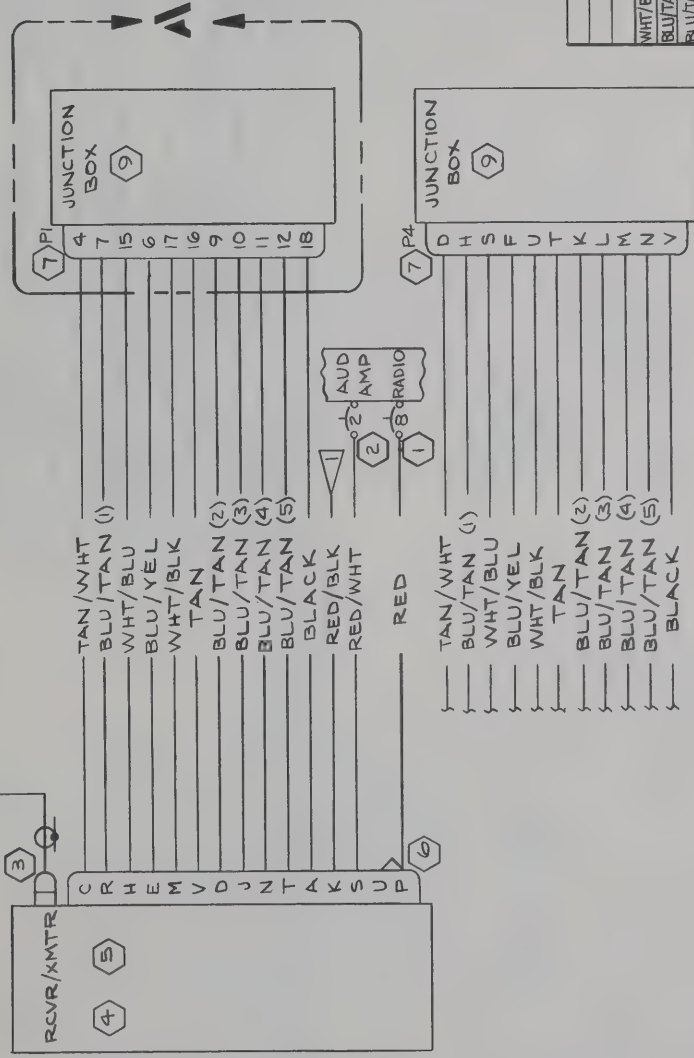
WHT(7)ANK(0)	22	-22-9-10	5-1635-1	SOLDER
WHT/YEL(1)	▲	-22-9-4		▲
WHT/BLK(0)		-22-9-0		
BLU/TAN(1)		-22-6-10		
WHT/GRN(1)		-22-9-5		
WHT/RED(1)	▼	-22-9-2		
WHT/BLU(1)	22	-22-9-6	▲	
WHT(S)	20S	-20-9	5-1635-1	
WHT(3)	20S	-20-9	5-1636-1	
YEL	22	-22-4	5-183T-1	
BLK(1)	22	-20-0	5-136T-110	
BLK	20	-20-0	5-136T-110	▲
WHT	20	-20-9	5-183T-6	SOLDER
WHT(2)	20S	-20-9	5-1635-1	
WHT(1)	20	-20-9	▲	SOLDER
BLK/GRN	22	-22-8-5		▲
BLK/RED	▲	-22-0-2		
BLK/YEL		-22-0-4		
RED/YEL		-22-2-4		▲
RED		-22-2		
WHT/TAN		-22-9-10	SOLDER	5-1636-1
WHT/YEL		-22-9-4		▲
WHT/BLK		-22-9-0		
BLU/TAN		-22-6-10		
WHT/GRN		-22-9-5		
WHT/RED	▼	-22-9-2		
WHT/BLU	22	-22-9-6		▲
WHT(4)	20S	-20-9	SOLDER	5-1636-1
WHT(5) CODE NO.			TERMINALS	SERIALS
	GA	MATERIAL	LG	

WIRE TABLE

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DATE	NAME	TITLE		C	
6-10-70	COMPTON	WIRING DIAGRAM -		1570001	
6-10-70	H. Wingo	GROUND AVOIDANCE RADAR			
6-11-70	PAPE				
6-1-70	LEE, WHITE				
PROJECT	CHECK	STRESS		SIZE	
6-9-70				CODE IDENT. DWG NO.	
6-2-70	LONGERS			NO. 71379	

STRESS	PROJECT	6-4-78	SIZE	CODE IDENT.	DWG NO.
	DR. [Signature]		C	71379	
APPD	ENGINEERS	6-2-70			1570001

LET	REVISION	DATE	APPD
	DESCRIPTION		
A	BY REV: ADD P1 & P4; DELETE S-1838-1	EGY 8-5-68	GL VIDS 11/16/90
	ED & RR 10025 (SR 5441) IX		



NOTES: ON SINGLE CESSNA COM 300 INSTL, RED/BLK WIRE (PIN K) IS CONNECTED TO RED/WHT WIRE (PIN S) WITH AN S-1370-1 SPLICE, AND BLUE WIRE (PIN C) IS CONNECTED TO BLU/TAN WIRE (PIN R) WITH AN S-1370-1 SPLICE. WHEN THE COM 300 IS INSTALLED WITH OTHER RADIO UNITS, RED/WHT WIRE CONNECTS TO CKT BKR AS SHOWN & RED/BLK WIRE IS TERMINATED WITH S-155T-1 CAP; BLUE WIRE CONNECTS TO WIPER OF A SPKR-PHONE SWITCH & BLU/TAN WIRE CONNECTS TO SPKR TERMINAL OF SPKR-PHONE SWITCH.

DETAIL 1
2ND INSTL

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK 22	-22-9-0			SOLDER S-1837-1	
BLU/TAN 22	-22-6-10			S-1837-1	
BLU/TAN 22	-22-6-10			S-1837-1	
BLU/TAN 22	-22-6-10			S-1837-1	
BLU/TAN 22	-22-6-10			S-1837-1	
RED/BLK 18	-18-2-9			S-1367-16	
RED/BLK 18	-18-2-9			S-1837-1	
BLACK 22	-22-0			S-1837-1	
TAN 22	-22-10-9			S-1837-1	
TAN/WHT 22	-22-10-9			S-1837-1	
RED 16	-16-2			S-1367-16	
BLU/BLK 22	-22-6-4			S-1837-1	
WHT/BLU 22	-22-9-6			S-1837-1	
				SOLDER S-1837-1	

CONTRACT NO.		NAME		DATE	TITLE
		J. W. Youngers		5-10-68	WIRING DIAGRAM - CESSNA 300 TRANSCIVER
DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJECT
29747-0018	31390-1028	31390-1128	29753	31360-2	31360-8
EQUIPMENT TABLE					
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXX=CESSNA STD. NO.					
SUPERSEDED BY: P 2.25					
SUPERSEDED BY:					
SIZE		CODE IDENT.		DWG NO.	
C		71379		1570001	
SCALE: NONE		337		PAGE: 2.25.1	

WIRED AS SHOWN, JUMPERS BETWEEN PHONE FUNCTION SIDE OF SWITCH THEN ONE WIRE TO P2-5T), OR WIRED DIRECT AS COM 1 BLU WIRE TO P2-2T, NAV 1 BLU WIRE TO P2-5T, NAV 2 BLU WIRE TO P2-5B, COM 2 BLU TO P2-5T, NAV 2 BLU TO P2-5B, DME AND/OR H.F. BLU TO P2-5B, DEF BLU TO P2-29.

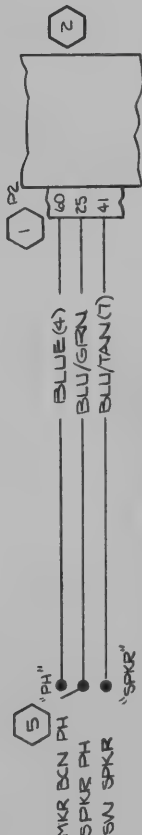
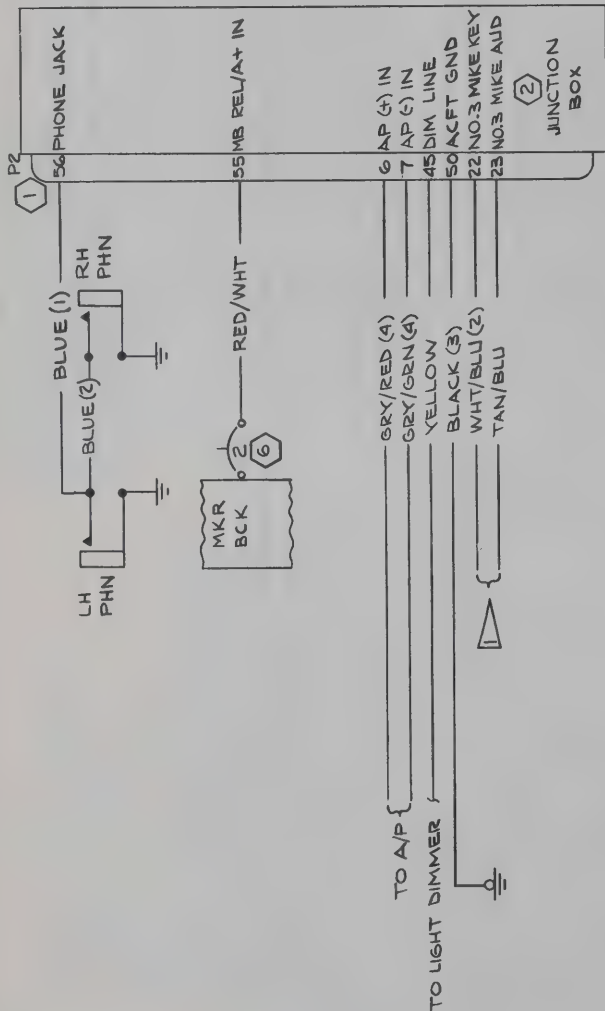
FORM NO. 80-215A

EDARR 01852 SEP 337-0979 FON

EDARR 01852 SEP 337-0979 FON

[illegible]

REVISION			
LET	DESCRIPTION	DATE	APPD
C	REFER TO PAGE 2.47.1		



AUD SEL SW (MKR BCK)
THRU SER (SR63TS)

WIRE TABLE

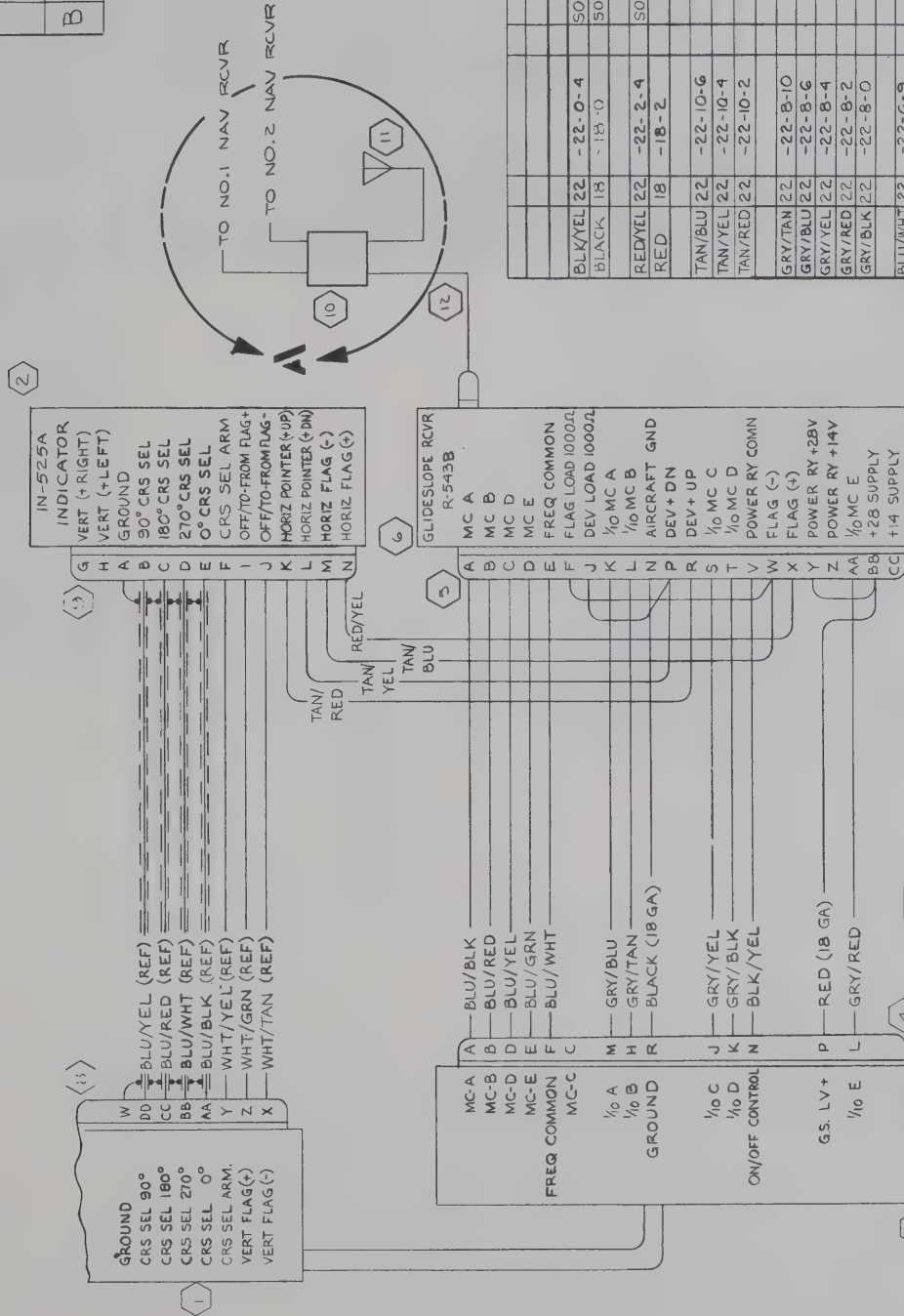
CONTRACT NO.			
DESIGN	NAME	DATE	TITLE
GROUP	YOUNGERS	4-29-68	WIRING DIAGRAM -
DRAWN	G. IRVIN	5-9-68	AUDIO SYSTEM, 300 & 400
CHECK	OK	5-10-68	SERIES
STRESS	OK	5-10-68	
PROJECT	OK	5-10-68	
APPD	SWANEY	5-9-68	
CODE IDENT. NO.		71379	DWG NO.
SCALE: NONE		337	RAGE: 2.47.3

EQUIPMENT TABLE			
PART NO.	DESCRIPTION	SUPPLIES	SUPPLIES BY
		P 2.47	

EQUIPMENT TABLE			
PART NO.	DESCRIPTION	SUPPLIES	SUPPLIES BY
		P 2.47	

SER 337-0526 FON

CHG LET	REVISION	BY DATE	CHK APPD
A	BY REV: R-5438 WAS R-5438 TITLE WAS CESSNA GLIDESLOPE (ARC TYPE R-543A) ; 36440-0000 WAS 34340 (ED 1 RR 00932) (SR5632)	27-67	WJL
B	BY REV: ADD 2033-60'S, S-2086 1, DETAIL "A" SER ED 1 RR 10063 (SR5632) II	27-70	WJL



WIRE CODE NO.	GA	MATERIAL	TERMINALS	SERIALS
BLK/YEL 22	-22-0-4	SOLDER SOLDER		
BLACK 18	-18-0	SOLDER SOLDER		
RED/YEL 22	-22-2-4	SOLDER SOLDER		
RED 18	-18-2			
TAN/BLU 22	-22-10-6			
TAN/YEL 22	-22-10-4			
TAN/RED 22	-22-10-2			
GRY/TAN 22	-22-8-10			
GRY/BLU 22	-22-8-6			
GRY/YEL 22	-22-8-4			
GRY/RED 22	-22-8-2			
GRY/BLK 22	-22-8-0			
BLU/WHI 22	-22-6-9			
BLU/GRN 22	-22-6-5			
BLU/YEL 22	-22-6-4			
BLU/RED 22	-22-6-2			
BLU/BLK 22	-22-6-0	SOLDER SOLDER		

DETAIL A
THRU SER 3370/316, T3370/316,
F33700024, F33700024

NAME	DATE	TITLE
G. WOOD	11-10-66	WIRING DIAGRAM—
H. WALKER	1-31-67	CESSNA 400
YAKS/100	2-1-67	GLIDESLOPE
WJL	2-1-67	(ARC TYPE R-543B)

WIRE TABLE

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

WIRING DIAGRAM—
CESSNA 400
GLIDESLOPE
(ARC TYPE R-543B)

REV: B
PAGE: 158-1

MODEL: 337B

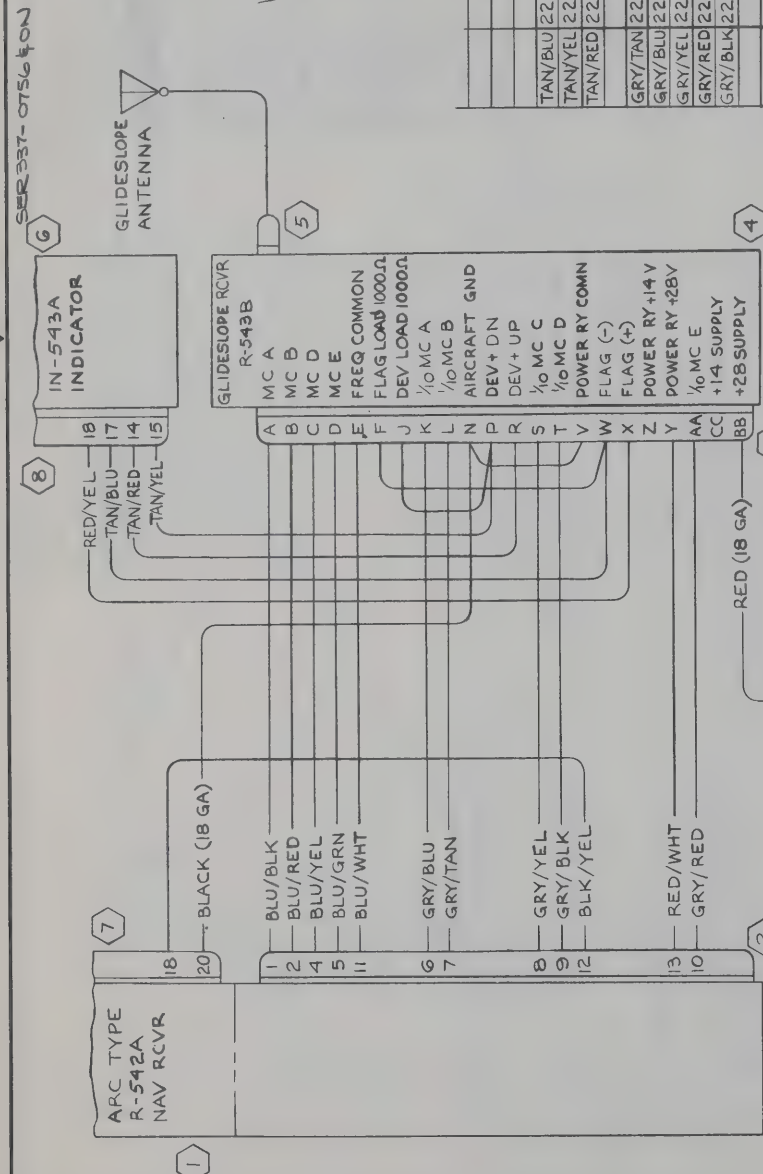
SUPPLEMENT: 1570001

DESCRIPTION	INSTALLED ON
RCVR/XMITR (ARC TYPE RT515R-1)	

PART NO.	DESCRIPTION
12	2033
11	60'S
10	S-2086-1
9	27826
8	29747-0026
7	11337
6	36440-0000
5	36194
4	36195
3	36300
2	32350
1	36150-1128

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		
A	BY REV: R-543B WAS R-543A & TITLE WAS "CESSNA GLIDESLOPE" (ARC TYPE R-543A); 36440-0000 WAS 34340 (ED & RR 00952) (SR56632)	12-1-67	MDS WFW

INACTIVE
SER 36701317 & ON
SER T35100025 & ON
SER F35100025 & ON
SER F35100025 & ON
SER F35100025 & ON
SER F35100025 & ON



TO 2 AMP BREAKER
IF AVAILABLE OR TO
RT522 CKT BREAKER

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
TAN/BLU 22					
TAN/YEL 22					
TAN/RED 22					
GRY/TAN 22					
GRY/BLU 22					
GRY/YEL 22					
GRY/RED 22					
GRY/BLK 22					
BLU/WHT 22					
BLU/GRN 22					
BLU/YEL 22					
BLU/RED 22					
BLU/BLK 22					
RED/YEL 22					
RED/WHT					
RED 18					
BLK/YEL 22					
BLACK 18					

WIRE TABLE

CONTRACT NO.		NAME	DATE	TITLE
DESIGN	G WOOD	1-9-67		
GROUP	G WOOD	1-31-67		
DRAWN	G WOOD	1-9-67		
CHECK	WASHAW	2-1-67		
STRESS	Stemmer	2-2-67		
PROJECT	WASHAW	2-4-67		
APPD				

EQUIPMENT TABLE	
ITEM NO.	DESCRIPTION
8	34294-0425 CONNECTOR
7	35693-0004 CONNECTOR
6	34290 INDICATOR (ARC IN-543)
5	11337 CONNECTOR
4	36440-0000 G/S RCVR (ARC TYPE RS-543)
3	36194 CONNECTOR KIT (ARC)
2	35548-0225 CONNECTOR (ARC)
1	33560-1000 NAV RCVR (ARC R-542)

CESSNA AIRCRAFT CO.		WIRING DIAGRAM --
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
TITLE		CESSNA 400
GLIDESLOPE		(ARC TYPE R-543B)
SIZE	DWG NO.	
C	71379	1570001
SCALE: NONE		
PAGE: 2-59.1		

LET		REVISION		DATE		APPD	
A		BY REV: AV-547 WAS ASP-547 ED & RR 10260		A.S. 11-21-68		JWH 11-21-68	
B		BY REV: ADD 38960-0014 & SER'S; SER OUT 34600-0000 (SRG244) ED & RR 10530		BPH 10-20-69		JWH 10-20-69	
C		BY REV: SER IN 39490-0000 & 39480-0000; SER OUT 33970-0000 434290-0000 ED & RR 10759 (SRG397)		J.D.R. 12-15-69		JWH 12-15-69	
D		BY REV: ADD DETAIL "B" & SERISER OUT DETAIL "B" ED & RR 10063 (SRG375) IX		DLP 6-3-70		JWH 6-3-70	

BLU/WHIT 22	-22-6-9	SOLDER	SOLDER
BLK/WHIT 1B	-1B-0-9	SOLDER	SOLDER
RED/WHIT 1B	-1B-2-9	SOLDER	SOLDER
RED/BLK 2 1B	-1B-2-0	SOLDER	SOLDER
BLACK 2 1B	-1B-0	SOLDER	SOLDER
CABLE	RG-58/U	35032-0003-0012	35032-0003-0012
CABLE	RG-58/U	35032-0012-0012	35032-0012-0012
RED/WHIT 1B	-1B-2-9	S-1367-1-6	SOLDER
BLACK 1 1B	-1B-0	S-1837-1	SOLDER
WHIT/BLK 22	-22-9-0	S-1837-1	SOLDER
TAN 22	-22-10	S-1837-1	SOLDER
WHIT/BLU 22	-22-9-6	S-1837-1	SOLDER
RED/BLU 1B	-1B-2-6	SOLDER	S-1367-1-6
BLU/TAN 6 22	-22-6-10	SOLDER	S-1837-1
BLU/TAN 5 22	-22-6-10	SOLDER	S-1837-1
BLU/TAN 4 22	-22-6-10	SOLDER	S-1837-1
BLU/TAN 3 22	-22-6-10	SOLDER	S-1837-1
BLU/TAN 2 22	-22-6-10	SOLDER	S-1837-1
BLU/TAN 1 22	-22-6-10	SOLDER	S-1837-1
TAN/YEL 22	-22-6-4	SOLDER	S-1837-1
TAN/WHIT 22	-22-10-9	SOLDER	S-1837-1
BLUE 22	-22-6	SOLDER	S-1837-1
RED/YEL 22	-22-2-4	SOLDER	S-1837-1
GRY/TAN 22	-22-8-10	SOLDER	S-1837-1
GRY/BLU 22	-22-8-6	SOLDER	S-1837-1
RED/YEL 1 22	-22-2-4	SOLDER	S-1837-1
WHIT/GRN 22	-22-9-5	SOLDER	SOLDER
WHIT/TAN 22	-22-9-10	SOLDER	SOLDER
WHIT/YEL 22	-22-9-4	SOLDER	SOLDER
YEL/TAN 20	-20-4-10	SOLDER	SOLDER
RED/BLK 1B	-1B-2-0	SOLDER	SOLDER

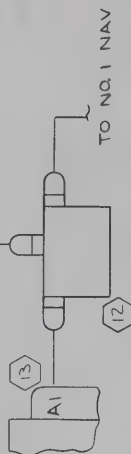
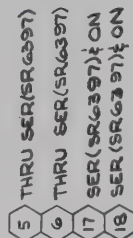
WIRE	GA	MATERIAL	LG	SERIALS
CODE NO.				

CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 3600 P. ROAD WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	YOUNGERS	5-10-68	WIRING DIAGRAM -		
DRAWN	YOUNGERS	4-23-68	CESSNA 400 NAV/COMM		
CHECK	G. IRVIN	5-9-68	(ARC TYPE RT-522A & RT-532A)		
STRESS	BY M. Cook	5-10-68			
PROJECT	BY M. Cook	5-10-68			
APPD	BY M. Cook	5-10-68			

EQUIPMENT TABLE		SUPERSEDES:	
PART NO.		P. 2, 6, 1, 0	
DESCRIPTION		SUPERSEDED BY:	
EQUIPMENT TABLE		SUPERSEDED BY:	

21	-605	ANT. INSTL	
20	5-2086-1	ANT. COUPLER	
19	-2033	CABLE ASSY	
18	39490-0000	INDICATOR (ARC TYPE IN-543B)	
17	39480-0000	INDICATOR (ARC TYPE IN-522B)	
16	38960-0014	ACCESSORY UNIT (522B-1)	
15	5-1838-1	HOUSING (00779)	
14	5-1838-2	HOUSING (00779)	
13	35693-0004	CONNECTOR (0078)	
12	AV-547	COUPLER (2835)	
11	0570084-2	JUNCTION BOX ASSY	
10	36364-0000	CONNECTOR KIT (0078)	
9	36363-0000	CONNECTOR KIT (0078)	
8	35693-0003	CONNECTOR (0078)	
7	36600-0000	ACCESSORY UNIT (ARC TYPE RT-522A)	
6	34290-0000	INDICATOR (ARC TYPE IN-543A)	
5	33970-0000	INDICATOR (ARC TYPE IN-522A)	
4	33560-0000	RECEIVER (ARC TYPE R-542A)	
3	33570-1000	TRANSCIVER (ARC TYPE RT-532A)	
2	33950-1100	RCVR/AMTR (ARC TYPE RT-522A)	
1	5-1360-5	CIRCUIT BREAKER	

CES-1000 IS APPLICABLE		SUPERSEDES:	
VENDOR CODES PER S-1400		P. 2, 6, 1, 0	
CES-XXXX-CESNA SPEC. NO.		SUPERSEDED BY:	
S-XXX OR CHXXXX-CESNA		SUPERSEDED BY:	
STD. NO.		STD. NO.	



DETAIL 13
2ND INSTL
THRU SER 33701316, T33701316,
F33700024 & FT33700024



2ND INSTL
SER 33701317, T33701317,
F33700025, FT33700025 & ON

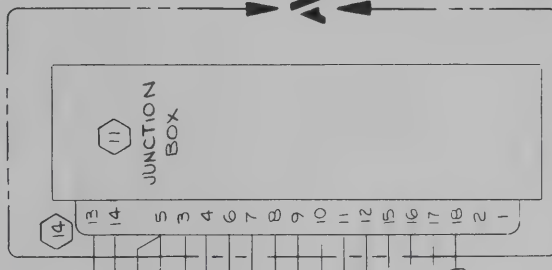
WIRE TABLE

CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	<i>H. W. Lee</i>	<i>5-10-68</i>	WIRING DIAGRAM -		
DRAWN	YOUNGERS	<i>4-29-68</i>	CESSNA 400 NAV/COMM		
CHECK	G. IRVIN	<i>5-9-68</i>	(ARCTYPE RT-522A & RT-532A)		
FITNESS	<i>OK M. Glick</i>	<i>5-10-68</i>	SIZE	CODE IDENT.	DWG NO.
PROJECT	<i>OK M. Glick</i>	<i>6-10-68</i>	C	71379	1570001
APPRO	<i>MANLEY</i>	<i>5-9-68</i>			
SCALE: NONE			337	PAGE 2 OF 2	

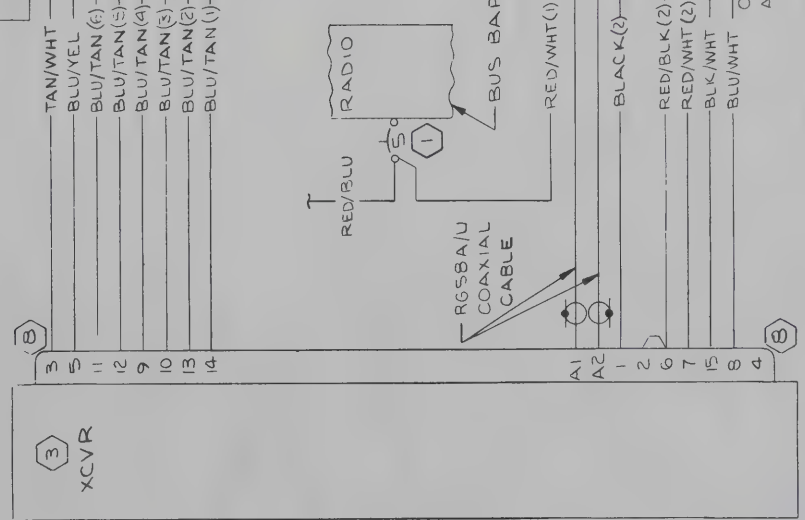
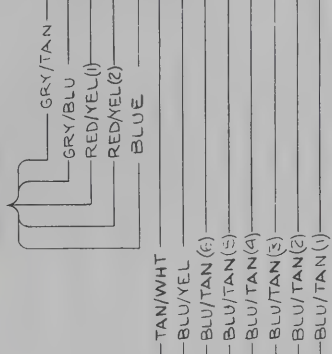
PART NO.		DESCRIPTION
EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER SH400 STANDARD SPECIFICATION NO. 5-XXX OR CM4XXX-CESNA STD. NO.		SUPERSEDED: P2660.1 SUPERSEDED BY:

LET	REVISION	DESCRIPTION	DATE	APPD
B	FOR REV SEE PAGE 2.60.2.1			

SEE P 2.60.2.2

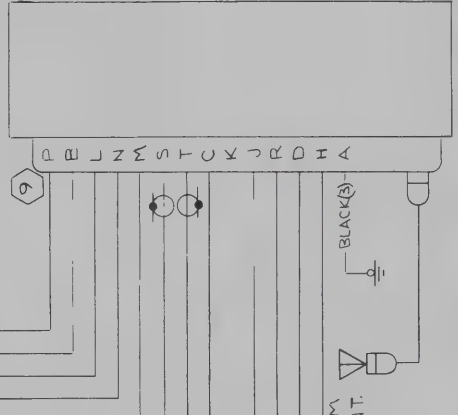


SEE P 2.60.2.2



DETAIL A
2ND INSTL

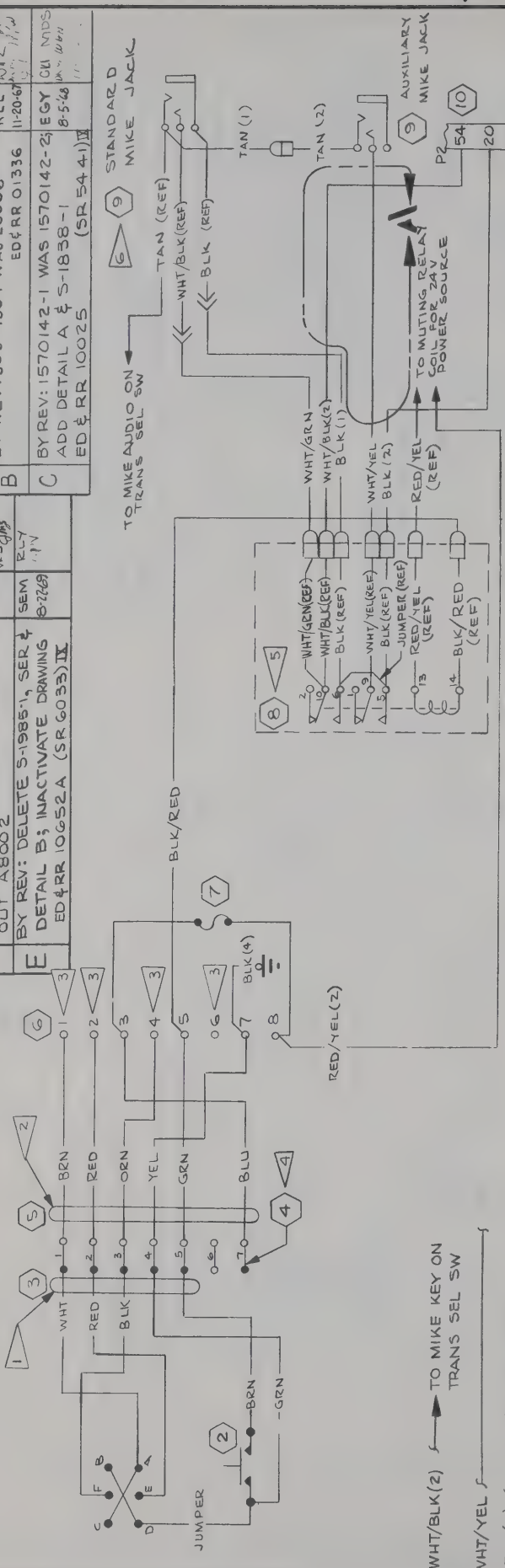
7 SER (SR544) THRU SER (SR6246)
16 SER (SR6246) ON



COM ANT.



REVISIONS			REVISIONS		
LTR	DESCRIPTION	DATE	LET	DESCRIPTION	DATE
D	BY REV: ADD S-1985-1, DETAIL B & SER; A8002 WAS 39-1; SER OUT A8002	DLP RLS MDS 6/18/69	A	BY REV: ADD NOTE 7 & SR. (SR5095) IX	JWH 11-30-69
E	BY REV: DELETE S-1985-1, SER & DETAIL B; INACTIVATE DRAWING ED 4RR 10652A (SR 6033) IX	SEM 8/22/69	B	BY REV: 305-4304 WAS 26006 ED 4RR 01336	RL 10/2/69
			C	BY REV: 1570142-1 WAS 1570142-2; EGY CM NDS ADD DETAIL A & S-1838-1 ED & RR 10025 (SR 5441) IX	11-20-69



INACTIVE:
EFF SER 337-0756
THRU 337-1193
SER ED 4RR 10652A
B-22-69
REV H/4
MOD. 4/4

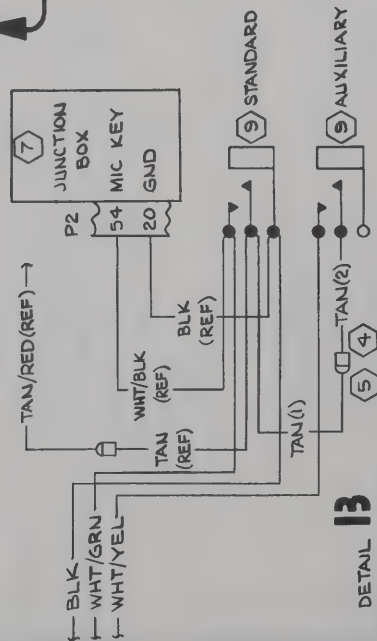
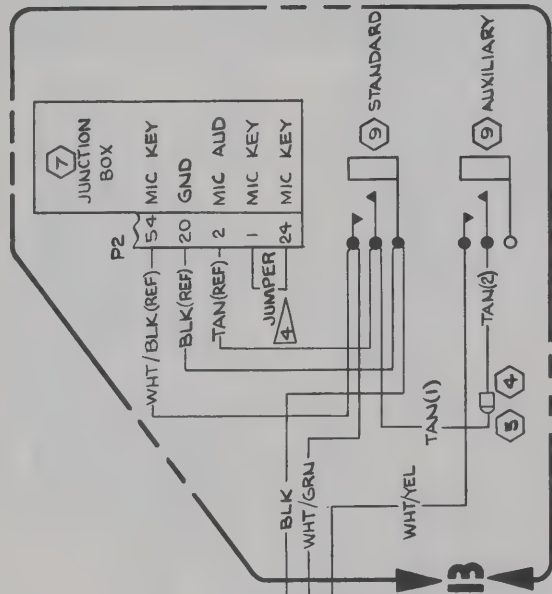
NOTES:		
1	BOTH ENDS OF (3) WIRES TO BE SOLDERED	
2	BOTH ENDS OF (5) WIRES TO BE TERMINATED WITH 320733 TERMINALS (00779)	
3	REFER TO 1570000 PAGE 14.6.1 FOR PITCH TRIM MOTOR WIRING DIAGRAM.	
4	POWER SOURCE FOR MAP LIGHT. REFER TO 1570000 PAGE 11.10 FOR SCHEMATIC OF ETCHED CIRCUIT BOARD.	
5	WIRES SOLDERED TO (8) RELAY ARE DESCRIBED ON 1570001, PAGE 2.4.6	
6	WIRES SOLDER TO STD MIKE JACK ARE DESCRIBED ON 1570001, PAGE 2.0.1	
7	PART NO. 15 323636, VENDOR CODE IS 00779.	

WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
BLK(3)	22	-22-0		S-1367-1	
RED/YEL(2)	22	-22-2-4		S-1624-1	
WHT/BLK	22	-22-9-0		S-1635-1	
BLK/RED	22	-22-0-2		S-1635-1	
RED/YEL(1)	22	-22-2-4		S-1637-1	
BLK(2)	22	-22-0		S-1637-2	
BLK(1)	22	-22-0		S-1637-2	
WHT/GRN	22	-22-9-5		S-1637-1	
WHT/YEL	22	-22-9-4		S-1637-1	
TAN(2)	22	-22-10		S-1637-1	
TAN(1)	22	-22-10		S-1637-1	

CONTRACT NO.	NAME	DATE	TITLE
	H. WISE	7-26-67	WIRING DIAGRAM - PITCH TRIM, MIKE & MAP LIGHT CONTROL WHEEL
	J. HUSTON	8-3-67	
	W. H. W.	8-30-67	
	W. H. W.	8-30-67	

SIZE	CODE IDENT. NO.	DWG NO.	SCALE	PAGE
C	71379	1570001	NONE	337

SUPEROIDES	PAGE	2.5.1
VENDOR CODES PER S-1400	1570001	PAGE 2.5.1.1
CES-XXXX=CESNA SPEC. NO.	1570001	PAGE 2.5.1.1
S-XXX OR CMXXXX=CESNA STD. NO.	1570001	PAGE 2.6.1.4



DETAIL 13
(APPLIES TO DUAL
UNIT INSTALLATION)

NOTES:

1. NORMALLY CLOSED TERMINALS (LONG LEAF) TO BE CLIPPED OFF BEFORE INSTALLATION IN CONTROL WHEEL
2. WHITE, BLACK & GRAY WIRES TO BE STRIPPED FROM SF-1030-BX CABLE BEFORE INSTALLING IN CONTROL WHEEL
3. PART OF SF-1030-BX (0826) CABLE
4. JUMPER REQUIRED FOR SINGLE UNIT INSTALLATION
5. 329636 (00779) TERMINAL

NEW VIEW		PART NO.	DESCRIPTION
10	520-7	TERMINAL BLOCK	(71785)
9	S-1102-1	MIKE JACK	
8	1570222-1	TERMINAL BLOCK ASSY	
7	0570084-2	JUNCTION BOX	
6	S-511-1-08-001	TERMINAL BLOCK	
5	S-1C37-1	HOUSING - PLUG	
4	S-1C37-2	HOUSING - PLUG	(08261)
3	SF-1030-BX	CABLE	
2	S-1985-1	SWITCH	
1	305-4304	SWITCH	(81579)

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESNNA SPEC. NO.
S-XXX OR CMXXXX-CESNNA
STD. NO.

GA	WIRE	MATERIAL	LG	TERMINALS	SERIALS
BLK	22	-22-0		<5	SOLDER
WHT/YEL	22	-22-9-4		5	SOLDER
WHT/GRN	22	-22-9-5		5	SOLDER
VIO (2)		3		5	5
VIO (1)		3		SOLDER	5
GRN (2)		3		<5	5
GRN (1)		3		SOLDER	5
YEL (2)		3		<5	5
YEL (1)		3		SOLDER	5
TAN (2)	22	-22-10		S-1636-1	SOLDER
TAN (1)	22	-22-10		SOLDER	S-1635-1
WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS

COLOR	CODE NO.	DESCRIPTION	QTY.	UNIT PRICE	TOTAL
		WIPE TABLE			

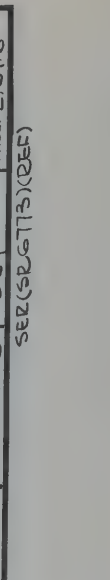
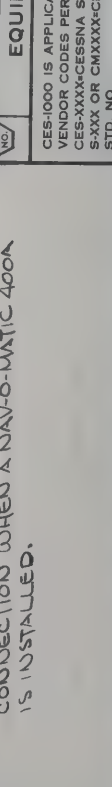
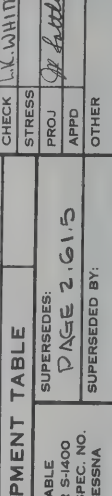
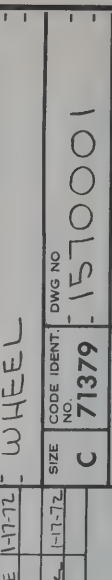
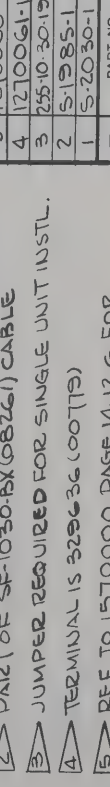
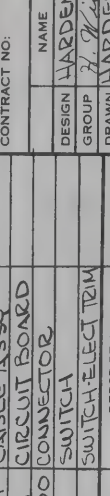
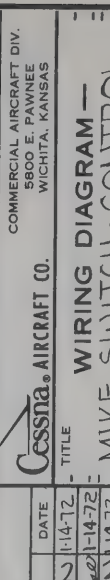
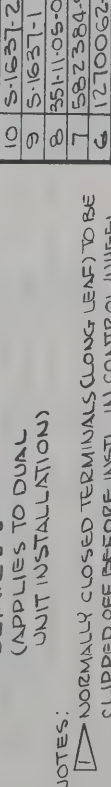
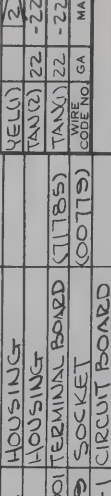
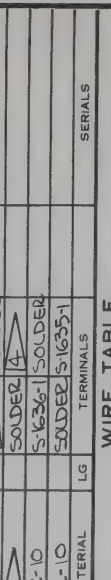
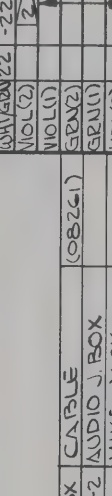
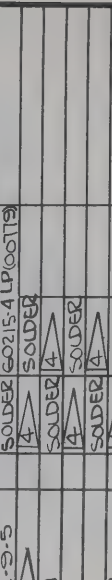
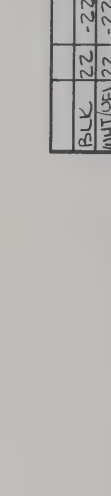
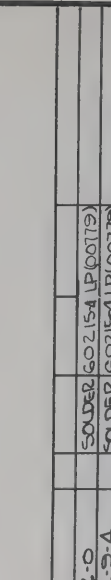
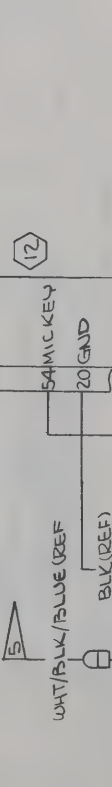
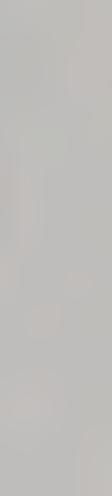
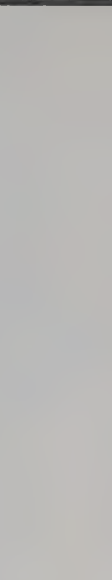
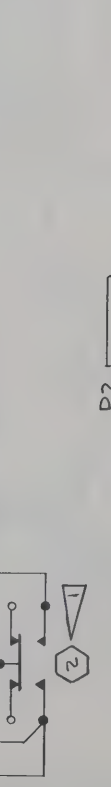
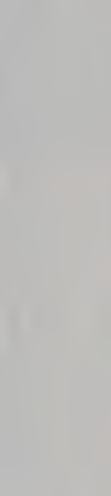
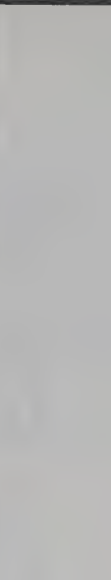
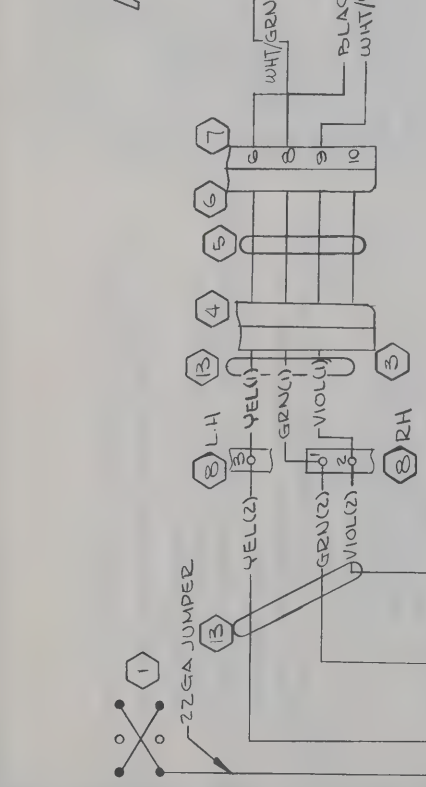
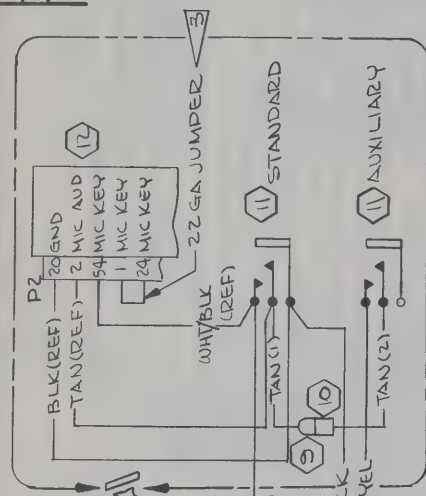
CONTRACT NO:		DATE:	
NAME:		DATE:	

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

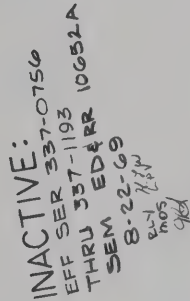
DESIGN	NAME	DATE	TITLE
GROUP	HARDEN	8-27-69	WIRING DIAGRAM -- MIKE SWITCH, CONTROL WHEEL
DRAWN	<i>K. W. W.</i>	8-27-69	
CHECK	MONICAL	8-22-69	
	2. YOUNGERS	8-25-69	
STRESS	P. VANDYKE	8-27-69	

STRESS	12.11.19.17.20	8.26.69	SIZE	C	CODE IDENT. NO.	71379	DWG NO	1570001
PROJ	M. J. J. J. J.	8.26.69						
APPD	M. J. J. J.	8.26.69						
OTHER								
			SCALE	NONE	PAGE		2	14

EDP RR 10652A SER 337-01194 EON



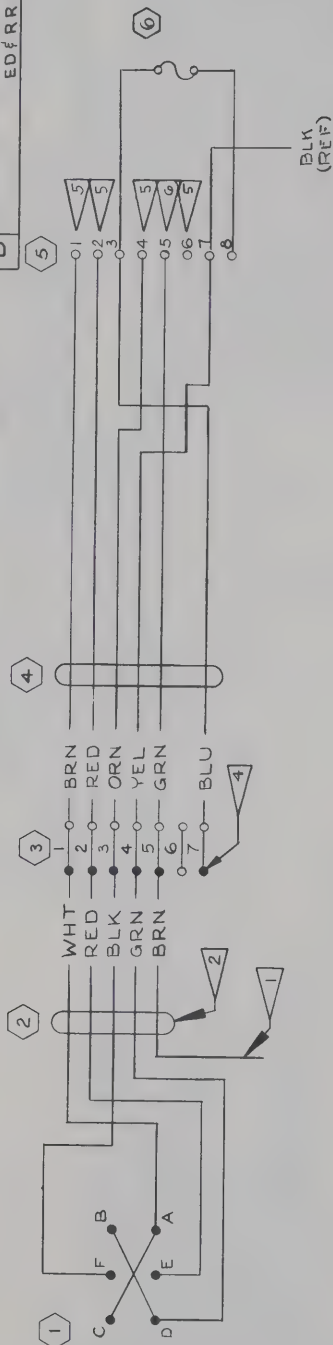
LET	REVISION	DATE	APPRO
A	BY REV: ADD 52'S, PAGE 2.62 WAS 2.61.1 (52 5095) II	JWH 8-30-67	7/1 11/61
B	BY REV: 305-4304 WAS 26006 ED 887 01336	RLL 11-20-67	11/60 11/60



- [illegible]

WIRE TABLE	Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE	WIRING DIAGRAM -- PITCH TRIM & MIKE SWITCH, CONTROL WHEEL			
SIZE	C	CODING NO.	1570001	DWG NO.
SCALE:	NONE		337	
			PAGE: 262	

LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD SR PAGE 2.63 WAS 2.61.2.	JNH 8/24/67	7/1/67
B	BY REV: 305-4304 WAS 26006 ED FRR 01336	RL 11/20/67	11/20/67



INACTIVE:
EFF SER 337-0756
THRU 337-1193
SEM ED FRR 10652A
8-22-69
2-4 1/2" 1/2"
mos
(4/6)

- NOTES:
- 1 USED ONLY WITH MIKE SWITCH
 - 2 BOTH ENDS OF 2 WIRES TO BE SOLDERED
 - 3 BOTH ENDS OF 4 WIRES TO BE TERMINATED WITH 320733 TERMINALS (00779)
 - 4 POWER SOURCE FOR MAP LIGHT REFER TO 1570000 PAGE 11.10 FOR SCHEMATIC OF ETCHER CIRCUIT BOARD.
 - 5 TRIM WIRING DIAGRAM. REFER TO 1570000 PAGE 14.61 FOR PITCH RESERVED FOR MIKE KEYING CIRCUIT REFER TO 1570001 PAGE 2.61.0 OR 2.61.1

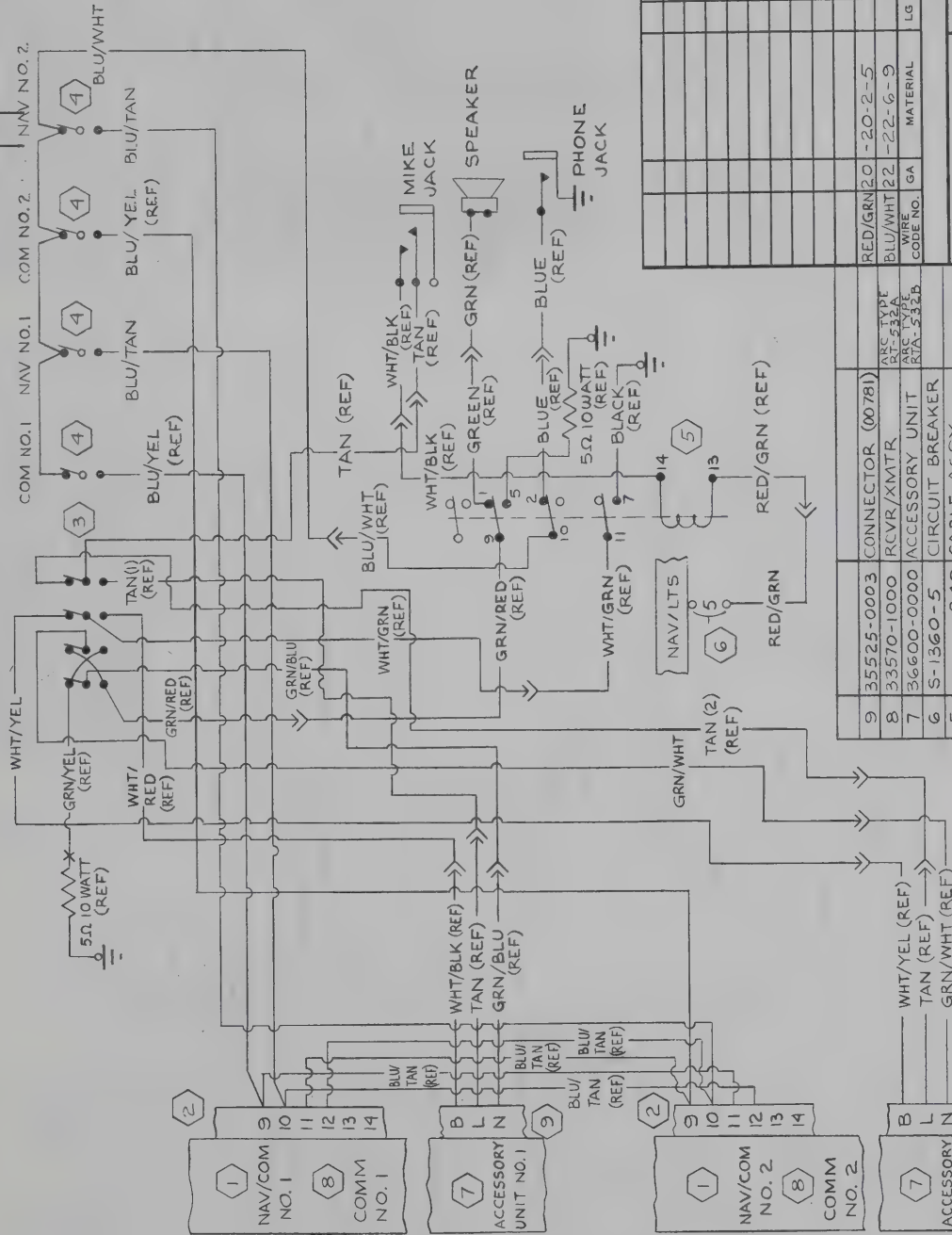
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	1570141-1	FUSE ASSY			
5	8-171	TERM BLOCK			
4	SE-1030-BX	CABLE			
3	1570142-2	CIRCUIT BOARD ASSY			
2	8445	CABLE			
1	305-4304	SWITCH			

CONTRACT NO.	NAME	DATE
DESIGN	ACKERSON	6-8-67
GROUP	H. W. Lee	7-29-67
DRAWN	J. W. Lee	7-29-67
CHECK	J. W. Lee	8-31-67
STRESS	amb	8-31-67
PROJECT		
APPD		

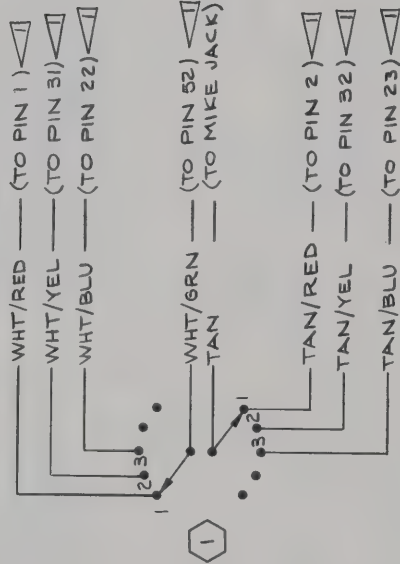
WIRING DIAGRAM - PITCH TRIM & MAP LIGHT CONTROL WHEEL
CESNA AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

SIZE	CODE IDENT.	DWG NO.
C	71379	1570001
SCALE:	NONE	337
PAGE:	2	63

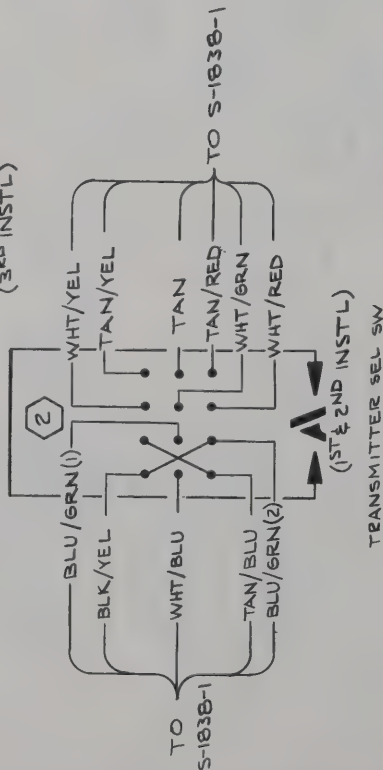
REVISION			
LET	DESCRIPTION	DATE	APPD

[illegible][illegible]

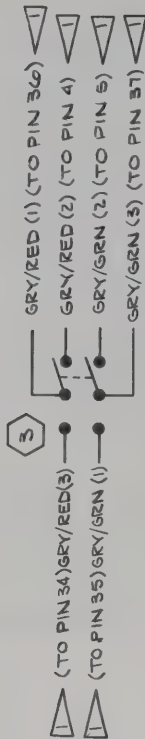
NOTES:
PLUG P2 OF 0570084-2 JCT BOX ASSY



DETAIL 1
(3RD INSTL)



TRANSMITTER SEL SW



OMNI SEL SW

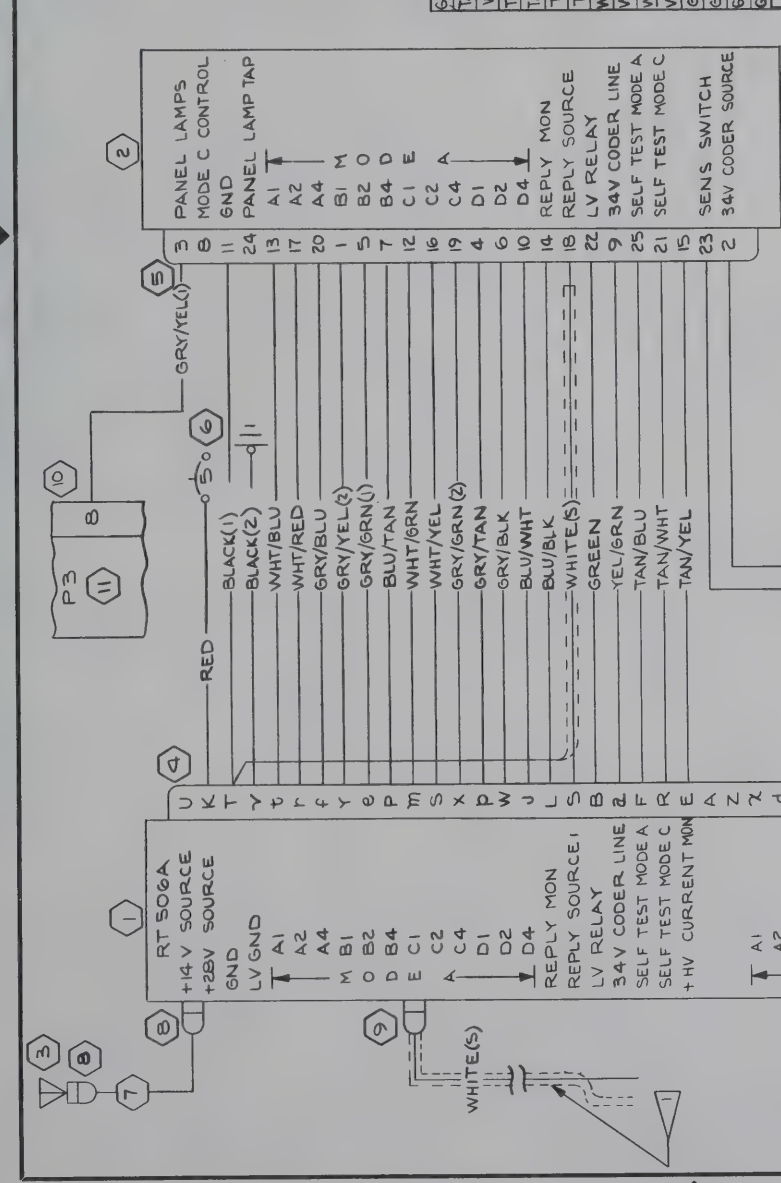
LET	REVISION	DATE	APPO
A	BY REV: ADD NOTE 1; I WAS 31, 31 WAS 1, 22 WAS 52, 52 WAS 22, 2 WAS 32, 32 WAS 2, 23 WAS 53 ED & RR 10025 (SR 544-1) II	EGY 8-5-68	8-5-68
B	BY REV: P2 WAS PI IN NOTE 1 ED & RR 10556	PGP 8-19-68	8-19-68
C	BY REV: ADD S-1696-1; ADD OMNI TO TITLE ED & RR 10971	ELY 3-26-70	3-26-70

CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
GRY/GRN(3) 22	-22-8-5	SOLDER S-1837-1			
GRY/GRN(2) 22	-22-8-5	SOLDER			
GRY/GRN(1) 22	-22-8-5	SOLDER			
GRY/RED(3) 22	-22-8-2	SOLDER			
GRY/RED(2) 22	-22-8-2	SOLDER			
GRY/RED(1) 22	-22-8-2	SOLDER			
BLK/YEL 22	-22-0-4	SOLDER S-1837-1			
BLU/GRN(1) 22	-22-6-5	SOLDER S-1837-1			
BLU/GRN(2) 22	-22-6-5	SOLDER S-1837-1			
TAN/BLU 22	-22-10-4	SOLDER S-1837-1			
TAN/YEL 22	-22-10-4	SOLDER S-1837-1			
TAN/RED 22	-22-10-2				
TAN 22	-22-10				
WHT/GRN 22	-22-9-5				
WHT/BLU 22	-22-9-6				
WHT/YEL 22	-22-9-4				
WHT/RED 22	-22-9-2	SOLDER S-1837-1			

WIRE TABLE

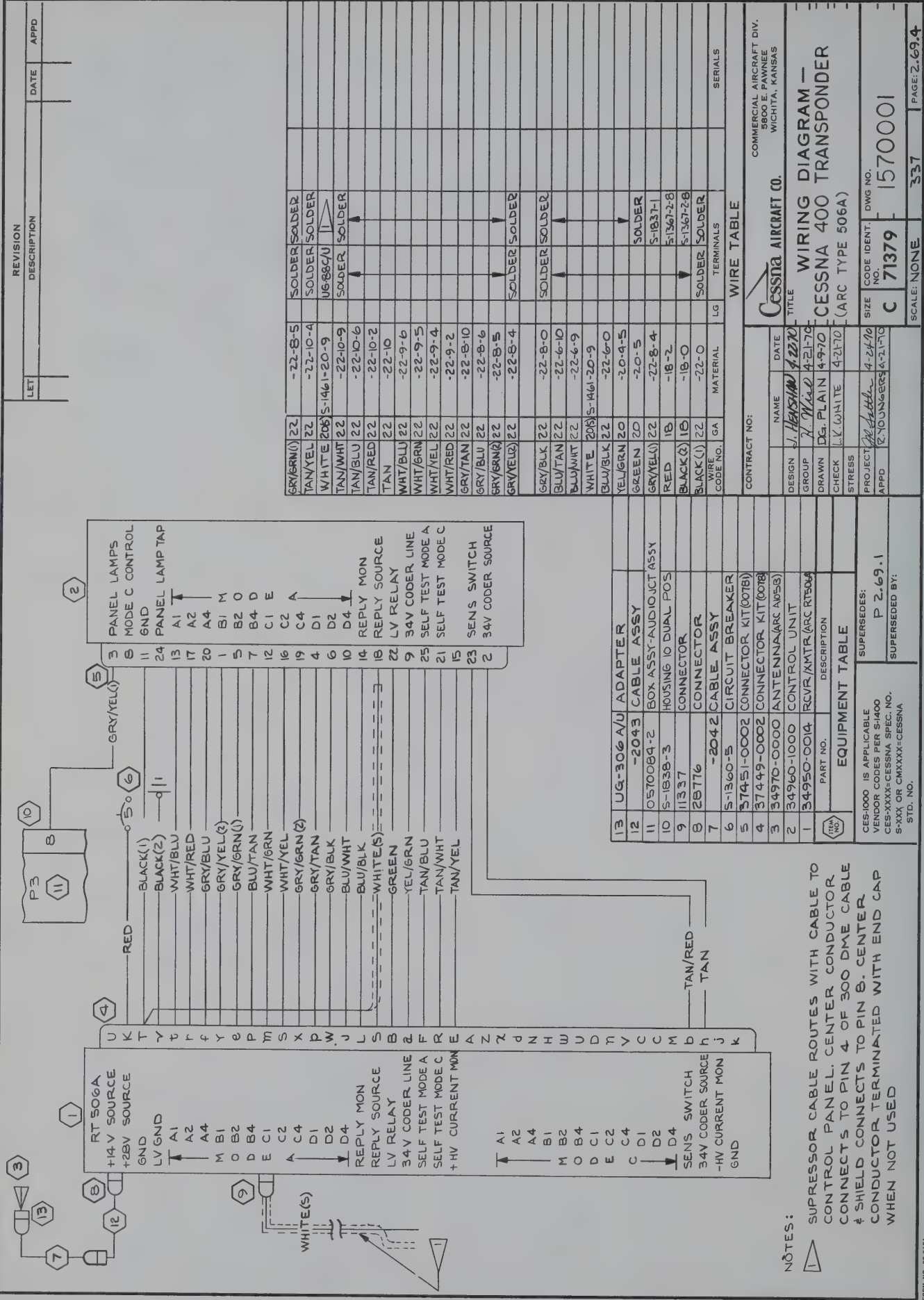
CONTRACT NO.		NAME		DATE	TITLE	
3		S-1696-1		5-10-68	WIRING DIAGRAM -	
2		S-1697-1		5-10-68	SELECTOR SWITCH,	
1		MRA-2-5		5-10-68	TRANSMITTER & OMNI	
ITEM NO.		PART NO.		DESCRIPTION		
1		MRA-2-5		SWITCH (95146)		
2		S-1696-1		SWITCH		
3		S-1697-1		SWITCH		
4		S-1698-1		SWITCH		
5		S-1699-1		SWITCH		
6		S-1700-1		SWITCH		
7		S-1701-1		SWITCH		
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249		S-1943-1		SWITCH		
25						

REVISION		DATE	APPRO
LET	DESCRIPTION		
A	BY REV: V WAS V, P WAS P, H WAS H	EGY	EGY
		8-5-68	11/1/68
	ED & RR 10025 (SR5441) IX		



11	0570084-2	BOX ASSY-AUDIOJCT ASSY
10	5-1838-3	HOUSING 10 DUAL POS
9	11337	CONNECTOR
8	28776	CONNECTOR
7	-289	CABLE ASSY
6	5-1360-5	CIRCUIT BREAKER
5	5-1451-0002	CONNECTOR KIT (0078)
4	37449-0002	CONNECTOR KIT (0078)
3	34970-0000	ANTENNA (ARC A053)
2	34960-1000	CONTROL UNIT
1	34950-0014	RCVR/AMTR (ARC RT504)

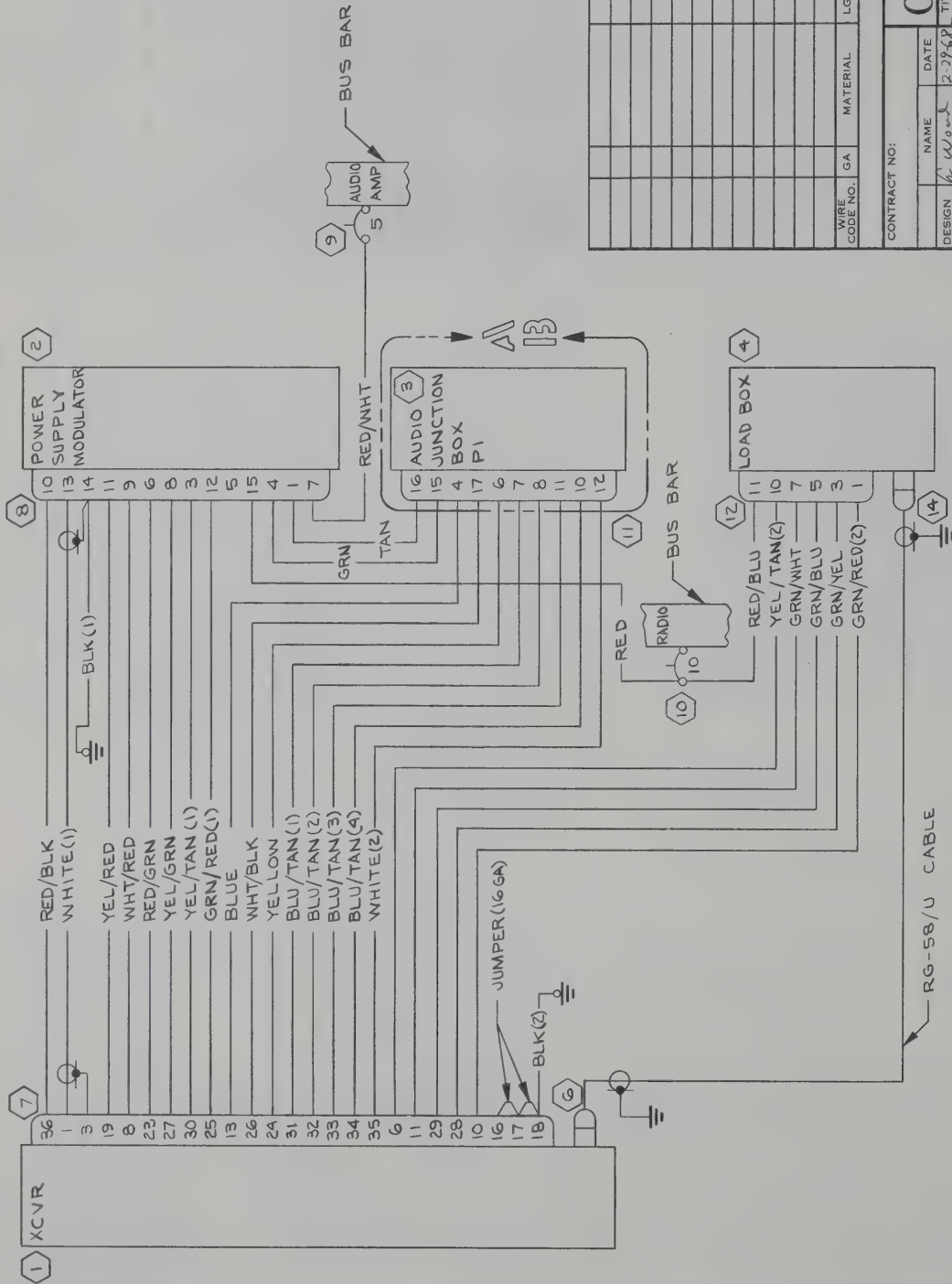
EQUIPMENT TABLE	
PART NO.	DESCRIPTION
1	RT 506A
2	+14V SOURCE
3	+28V SOURCE
4	GND
5	LV GND
6	T A1
7	A2
8	A4
9	B1
10	B2
11	B4
12	C1
13	C2
14	C4
15	D1
16	D2
17	D4
18	E
19	F
20	G
21	H
22	J
23	K
24	L
25	M
26	N
27	P
28	Q
29	R
30	S
31	T
32	U
33	V
34	W
35	X
36	Y
37	Z
38	A
39	B
40	C
41	D
42	E
43	F
44	G
45	H
46	J
47	K
48	L
49	M
50	N
51	P
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NOTES:

- 1 SUPPRESSOR CABLE ROUTES WITH CABLE TO CONTROL PANEL, CENTER CONDUCTOR CONNECTS TO PIN 4 OF 300 DME CABLE # SHIELD CONNECTS TO PIN 8, CENTER CONDUCTOR TERMINATED WITH END CAP WHEN NOT USED

REVISION		DATE	APPD
LET	DESCRIPTION		
WIRE TABLE			
WIRE NO.	WIRE TYPE	WIRE SIZE	WIRE COLOR
1	UG-306A/U	20	BLACK
2	UG-306B/U	20	WHITE
3	UG-306A/U	20	RED
4	UG-306B/U	20	BLUE
5	UG-306A/U	20	GREEN
6	UG-306B/U	20	BROWN
7	UG-306A/U	20	PURPLE
8	UG-306B/U	20	PINK
9	UG-306A/U	20	GRAY
10	UG-306B/U	20	YELLOW
11	UG-306A/U	20	ORANGE
12	UG-306B/U	20	TEAL
13	UG-306A/U	20	LAVENDER
14	UG-306B/U	20	SLATE
15	UG-306A/U	20	MAUVE
16	UG-306B/U	20	PERU
17	UG-306A/U	20	CRIMSON
18	UG-306B/U	20	INDIGO
19	UG-306A/U	20	VIOLET
20	UG-306B/U	20	SLATE
21	UG-306A/U	20	MAUVE
22	UG-306B/U	20	PERU
23	UG-306A/U	20	CRIMSON
24	UG-306B/U	20	INDIGO
25	UG-306A/U	20	VIOLET
26	UG-306B/U	20	SLATE
27	UG-306A/U	20	MAUVE
28	UG-306B/U	20	PERU
29	UG-306A/U	20	CRIMSON
30	UG-306B/U	20	INDIGO
31	UG-306A/U	20	VIOLET
32	UG-306B/U	20	SLATE
33	UG-306A/U	20	MAUVE
34	UG-306B/U	20	PERU
35	UG-306A/U	20	CRIMSON
36	UG-306B/U	20	INDIGO
37	UG-306A/U	20	VIOLET
38	UG-306B/U	20	SLATE
39	UG-306A/U	20	MAUVE
40	UG-306B/U	20	PERU
41	UG-306A/U	20	CRIMSON
42	UG-306B/U	20	INDIGO
43	UG-306A/U	20	VIOLET
44	UG-306B/U	20	SLATE
45	UG-306A/U	20	MAUVE
46	UG-306B/U	20	PERU
47	UG-306A/U	20	CRIMSON
48	UG-306B/U	20	INDIGO
49	UG-306A/U	20	VIOLET
50	UG-306B/U	20	SLATE
51	UG-306A/U	20	MAUVE
52	UG-306B/U	20	PERU
53	UG-306A/U	20	CRIMSON
54	UG-306B/U	20	INDIGO
55	UG-306A/U	20	VIOLET
56	UG-306B/U	20	SLATE
57	UG-306A/U	20	MAUVE
58	UG-306B/U	20	PERU
59	UG-306A/U	20	CRIMSON
60	UG-306B/U	20	INDIGO
61	UG-306A/U	20	VIOLET
62	UG-306B/U	20	SLATE
63	UG-306A/U	20	MAUVE
64	UG-306B/U	20	PERU
65	UG-306A/U	20	CRIMSON
66	UG-306B/U	20	INDIGO
67	UG-306A/U	20	VIOLET
68	UG-306B/U	20	SLATE
69	UG-306A/U	20	MAUVE
70	UG-306B/U	20	PERU
71	UG-306A/U	20	CRIMSON
72	UG-306B/U	20	INDIGO
73	UG-306A/U	20	VIOLET
74	UG-306B/U	20	SLATE
75	UG-306A/U	20	MAUVE
76	UG-306B/U	20	PERU
77	UG-306A/U	20	CRIMSON
78	UG-306B/U	20	INDIGO
79	UG-306A/U	20	VIOLET
80	UG-306B/U	20	SLATE
81	UG-306A/U	20	MAUVE
82	UG-306B/U	20	PERU
83	UG-306A/U	20	CRIMSON
84	UG-306B/U	20	INDIGO
85	UG-306A/U	20	VIOLET
86	UG-306B/U	20	SLATE
87	UG-306A/U	20	MAUVE
88	UG-306B/U	20	PERU
89	UG-306A/U	20	CRIMSON
90	UG-306B/U	20	INDIGO
91	UG-306A/U	20	VIOLET
92	UG-306B/U	20	SLATE
93	UG-306A/U	20	MAUVE
94	UG-306B/U	20	PERU
95	UG-306A/U	20	CRIMSON
96	UG-306B/U	20	INDIGO
97	UG-306A/U	20	VIOLET
98	UG-306B/U	20	SLATE
99	UG-306A/U	20	MAUVE
100	UG-306B/U	20	PERU



WIRE TABLE

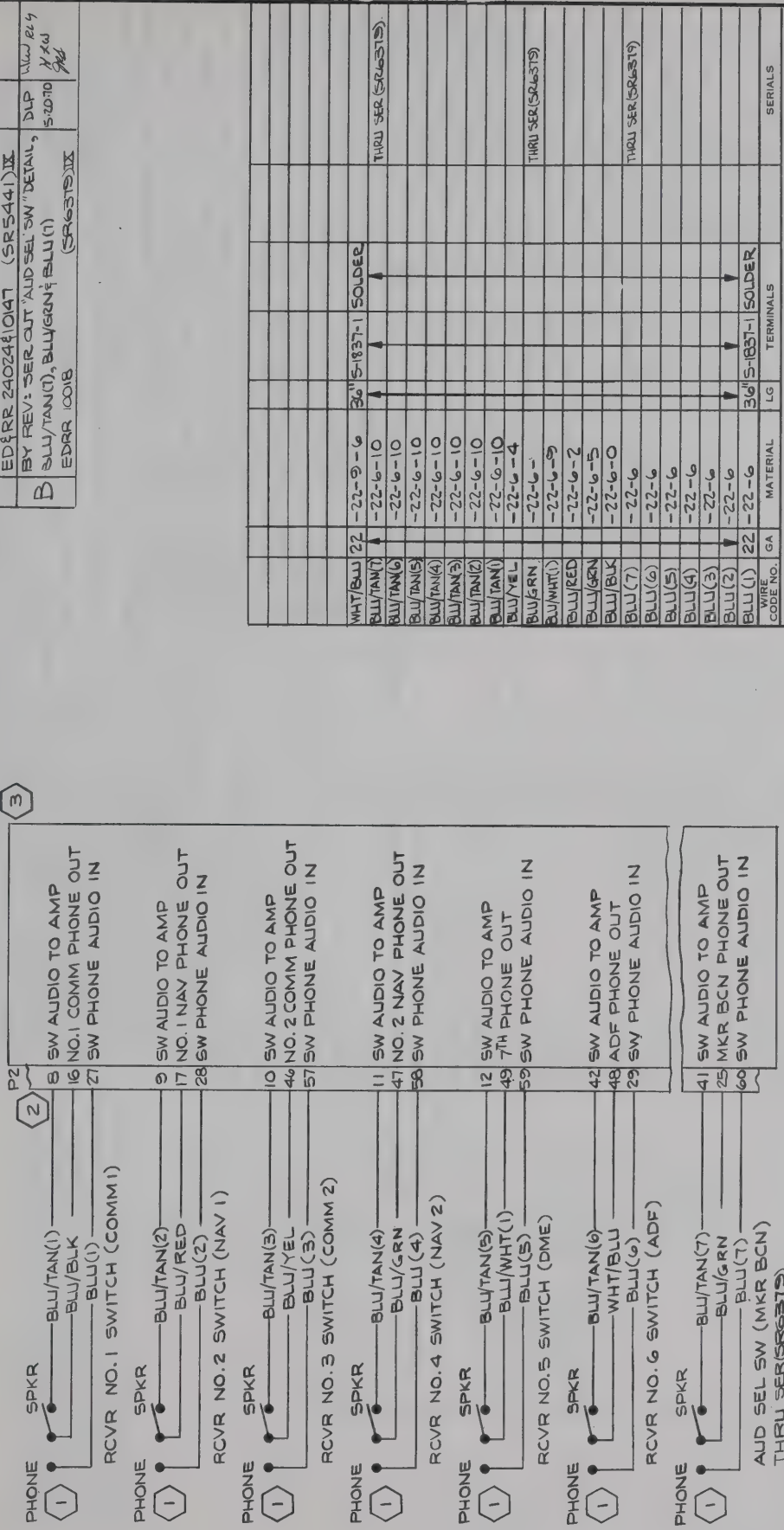
CONTRACT NO.		NAME		DATE	
Cessna AIRCRAFT CO. <td colspan="2">H. W. Garcia <td colspan="2">2-27-68 </td></td>		H. W. Garcia <td colspan="2">2-27-68 </td>		2-27-68	
COMMERCIAL AIRCRAFT DIV. <td colspan="2">H. W. Garcia <td colspan="2">2-27-68 </td></td>		H. W. Garcia <td colspan="2">2-27-68 </td>		2-27-68	
WICHITA, KANSAS <td colspan="2">H. W. Garcia <td colspan="2">2-27-68 </td></td>		H. W. Garcia <td colspan="2">2-27-68 </td>		2-27-68	
TITLE <td colspan="2">C. GARCIA <td colspan="2">2-15-68 </td></td>		C. GARCIA <td colspan="2">2-15-68 </td>		2-15-68	
WIRING DIAGRAM - <td colspan="2">C. GARCIA <td colspan="2">2-15-68 </td></td>		C. GARCIA <td colspan="2">2-15-68 </td>		2-15-68	
CESSNA 300 HF <td colspan="2">C. GARCIA <td colspan="2">2-15-68 </td></td>		C. GARCIA <td colspan="2">2-15-68 </td>		2-15-68	
SIZE <td colspan="2">C <td colspan="2">1570001 </td></td>		C <td colspan="2">1570001 </td>		1570001	
CODE IDENT. <td colspan="2">71379 <td colspan="2">1570001 </td></td>		71379 <td colspan="2">1570001 </td>		1570001	
SCALE: NONE <td colspan="2">337 <td colspan="2">PAGE: 271.1.1 </td></td>		337 <td colspan="2">PAGE: 271.1.1 </td>		PAGE: 271.1.1	

EQUIPMENT TABLE

PART NO.	DESCRIPTION
1	RADIO
2	POWER SUPPLY MODULATOR
3	AUDIO JUNCTION BOX
4	LOAD BOX
5	BUS BAR
6	JUMPER (16 GA)
7	RG-58/U CABLE

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CNXXXX=CESSNA
STD. NO.

LET	REVISION	DATE	APPD
A	BY REV: REVISED & REDRAWN, ADD S-1838-2, 0570084-2, MKR BCN SW, RCVR SW NO. 5, RCVR SW NO. 6 & WIRE LENGTHS	JWH 7/29/68	CZLS KDS 2/26 JMC
B	EDR 24024 & 1047 (SR5441) III BY REV: SER OUT 'AUD SEL' SW 'DETAIL', BLU/TAN(1), BLU/GRN & BLU(1) EDR 10018 (SR635) IX	DLP 5/20/70	WJW 2/4 H 2/6 JMC



WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLU 22	-22-6-9-6	36" S-1837-1	SOLDER		
BLU/TAN(1)	-22-6-10				THRU SER (SR635)
BLU/TAN(6)	-22-6-10				
BLU/TAN(5)	-22-6-10				
BLU/TAN(4)	-22-6-10				
BLU/TAN(3)	-22-6-10				
BLU/TAN(2)	-22-6-10				
BLU/TAN(1)	-22-6-10				
BLU/YEL	-22-6-4				
BLU/GRN	-22-6-4				THRU SER (SR635)
BLU/WHT(1)	-22-6-9				
BLU/RED	-22-6-2				
BLU/GRN	-22-6-5				
BLU/BLK	-22-6-0				
BLU(7)	-22-6-6				THRU SER (SR635)
BLU(6)	-22-6-6				
BLU(5)	-22-6-6				
BLU(4)	-22-6-6				
BLU(3)	-22-6-6				
BLU(2)	-22-6-6				
BLU(1)	-22-6-6	36" S-1837-1	SOLDER		

WIRE TABLE

CONTRACT NO:

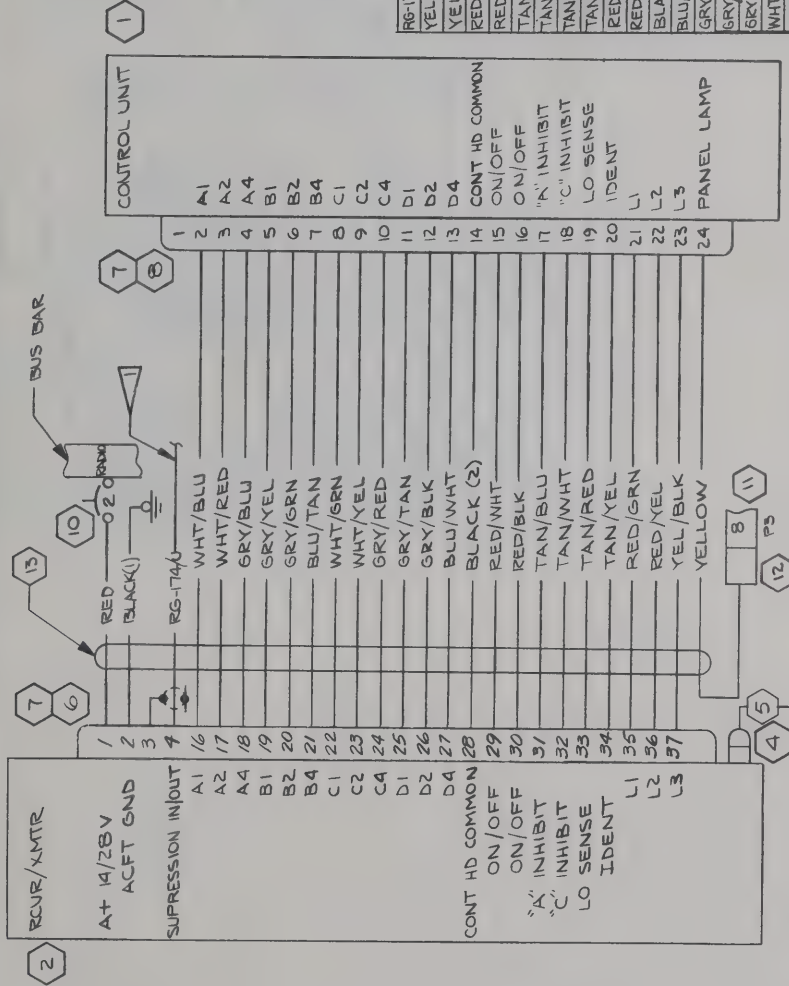
DESIGN	NAME	DATE	TITLE
ACKERSON	ACKERSON	5/21/68	WIRING DIAGRAM -
GROUP	H. WISE	5/21/68	AUDIO SELECTOR SWITCHES,
DRAWN	C. GARCIA	5/19/68	ACCESSORY KITS
CHECK	G. IRVIN	5/18/68	
STRESS	M. C. CASH	5/19/68	
PROJECT	J. R. SATTLER	5/21/68	
APPD	SNANEY	5/18/68	
SIZE	C	71379	DWG NO. 1570001
SCALE	NONE	337	PAGE: 2.73.1

3	0570084-2	JCT BOX ASSY	7.13
2	S-1838-2	HOUSING	2.73.0
1	S-1695-1	SWITCH	PAGE
EQUIPMENT TABLE			
SUPERSEDES: P 2.73.1			
SUPERSEDED BY:			

NOTES:

1. "PHONE" FUNCTION ON KEYWAY SIDE OF SW

LET	REVISION	DESCRIPTION	DATE	APPD



WIRE	CODE NO.	MATERIAL	LG	TERMINALS	SERIALS
RG-174/U	20	-20-A		SOLDER	
YELLOW	22	-22-A-O		SOLDER	
RED/BLK	22	-22-2-A			
RED/GRN	22	-22-2-5			
TAN/YEL	22	-22-10-4			
TAN/RED	22	-22-10-2			
TAN/BLU	22	-22-10-9			
RED/BLK	18	-18-2-O			
RED/WHI	18	-18-2-9			
BLACK	20	-20-O			
BLU/WHI	22	-22-6-9			
GRY/BLK	22	-22-8-O			
GRY/TAN	22	-22-8-10			
GRY/RED	22	-22-8-2			
WHI/YEL	22	-22-9-4			
WHI/GRN	22	-22-9-5			
BLU/TAN	22	-22-6-10			
GRY/GRN	22	-22-8-5			
GRY/YEL	22	-22-8-4			
GRY/BLU	22	-22-8-6			
WHI/RED	22	-22-9-2			
WHI/BLU	22	-22-9-6			
BLACK	18	-18-O			
RED	18	-18-2			

NOTES:

1. SUPPRESSOR CABLE ROUTES WITH CABLE TO CONTROL PANEL. CENTER CONDUCTOR CONNECTS TO PIN 4 OF 300 DME CABLE & SHIELD CONNECTS TO PIN 8. CENTER CONDUCTOR TERMINATED WITH END CAP WHEN NOT USED

CONTRACT NO. _____

NAME _____ DATE _____

DESIGN _____

GROUP _____

DRAWN _____

CHECK _____

STRESS _____

PROJECT _____

APPRO _____

SIZE _____

CODE IDENT. _____

DWG NO. _____

SCALE: NONE

PAGE: 274.4

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE: WIRING DIAGRAM - CESSNA 300 TRANSPONDER

DATE: 4-21-70

SIZE: C

CODE IDENT. NO. 71379

DWG NO. 1570001

SCALE: NONE

PAGE: 274.4

CE-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXX-CESNA SPEC. NO.
S-XXX OR CMXXX-CESNA
STD. NO.

SUPERSEDED BY: P 2.74.3

SUPERSEDED BY:

EQUIPMENT TABLE

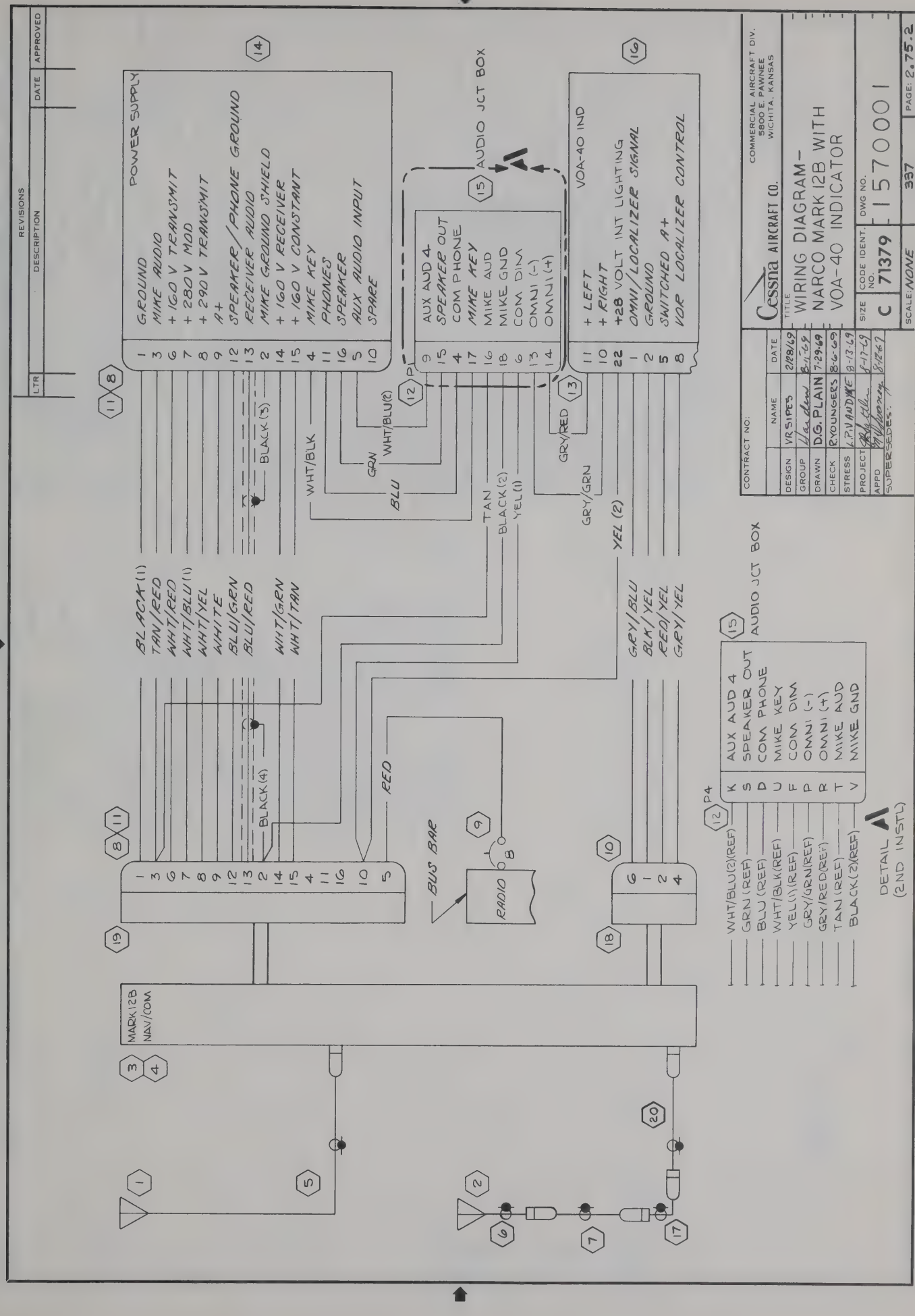
PART NO.	DESCRIPTION	PAGE
1	RCVR/XMTR UNIT 12V	4.33
2	CONTROL PANEL 12V	3.30

REVISION	
DATE	APPD
DESCRIPTION	

BLACK(4)	22	-22-0	SOLDER	SOLDER
BLACK(4)	22	-22-0	SOLDER	SOLDER
BLACK(2)	22	-22-0	SOLDER	S-1837-1
TAN	22	-22-10	SOLDER	S-1837-1
WHIT(BLU)	22	-22-9-6	SOLDER	S-1837-1
WHITE	14	-14-9	SOLDER	SOLDER
BLACK(1)	16	-16-0	SOLDER	SOLDER
RED	16	-16-2	S-13672-6	SOLDER
YEL (1)	18	-18-4	SOLDER	S-1837-1
YEL (2)	18	-18-4	SOLDER	S-1837-1
GRN	20	-20-5		
BLUE	22	-22-6		
WHIT/BLK	22	-22-9-0		
GRY/RED	22	-22-8-2		
GRY/GRN	22	-22-8-5		S-1837-1
TAN/RED	22	-22-10-2		SOLDER
WHIT/RED	22	-22-9-2		
WHIT(BLU)	22	-22-9-6		
WHIT/YEL	22	-22-9-4		
BLU/GRN	22	-22-6-5		
BLU/RED	22	-22-6-2		
WHIT/GRN	22	-22-9-5		
WHIT/TAN	22	-22-9-10		
GRY/BLU	22	-22-8-6		
BLK/YEL	22	-22-0-4		
RED/YEL	22	-22-2-4		
GRY/YEL	22	-22-8-4		
LG			TERMINALS	SERIALS

WIRE TABLE	
Cessna AIRCRAFT CO.	
COMMERCIAL AIRCRAFT DIV.	
5800 E. PAWNEE	
WICHITA, KANSAS	
TITLE	
WIRING DIAGRAM -	
NARCO MARK 12B WITH	
VOA-40 INDICATOR	
DESIGN	DATE
VRS: PPS	2/23/62
GROUP	2/16/62
DRAWN	D.G. PLAIN
CHECK	7-29-69
STRESS	8-15-69
PROJECT	8-17-69
APPD	8-17-69
SIZE	DWG NO.
C	71379
SCALE	PAGE
NONE	337
ED 6810440 (JRG033) IX	

20	-266	CABLE ASSY	2.11
19	41181-3	CONNECTOR	
18	41117-1	CONNECTOR	
17	-238	CABLE ASSY	2.11
16	1029-40	INDICATOR	3.31.0
15	10570084-2	JCT BOX ASSY	7.13
14	T(12)MP-12A-1	PWR AUDIO UNIT	4.39
13	1773-100	CONN KIT ASSY	2.75.0
12	S-1838-2	HOUSING	2.75.0
11	K41182-2	CAP	2.75.0
10	K41116-1	CONNECTOR	2.75.0
9	S-1360-8	CIRCUIT BREAKER	3.31.0
8	K41271-1	PLUG	2.75.0
7	-211	CABLE ASSY	2.11
6	1270013-3	BALUN STUB	6.4
5	-213	CABLE ASSY	2.13
4	MK-12B	NAV/COM(360 CHAN)	3.31.0
3	MK-12B	NAV/COM(90 CHAN)	3.31.0
2	1270012-1	ANTENNA - NAV	6.4
1	G598501-0102	ANTENNA-COMM	6.24
EQUIPMENT TABLE			
PART NO.	DESCRIPTION	PAGE	
SUPERSEDES:			
CES-1000 IS APPLICABLE			
VENDOR CODES PER S1400			
CES-XXXX-CESNA SPEC. NO.			
S-XXX OR CMXXXX-CESNA			
STD. NO.			



CONTRACT NO.		NAME		DATE	
DESIGN		VR 515		2/28/69	
GROUP		W. J. Jones		8-17-69	
DRAWN		D. G. PLAIN		7-29-69	
CHECK		E. J. YOUNGERS		8-6-69	
STRESS		L. P. ANDREWE		8-13-69	
PROJECT		W. J. Jones		8-17-69	
APPRO		W. J. Jones		8-17-69	
SUPERSEDES					

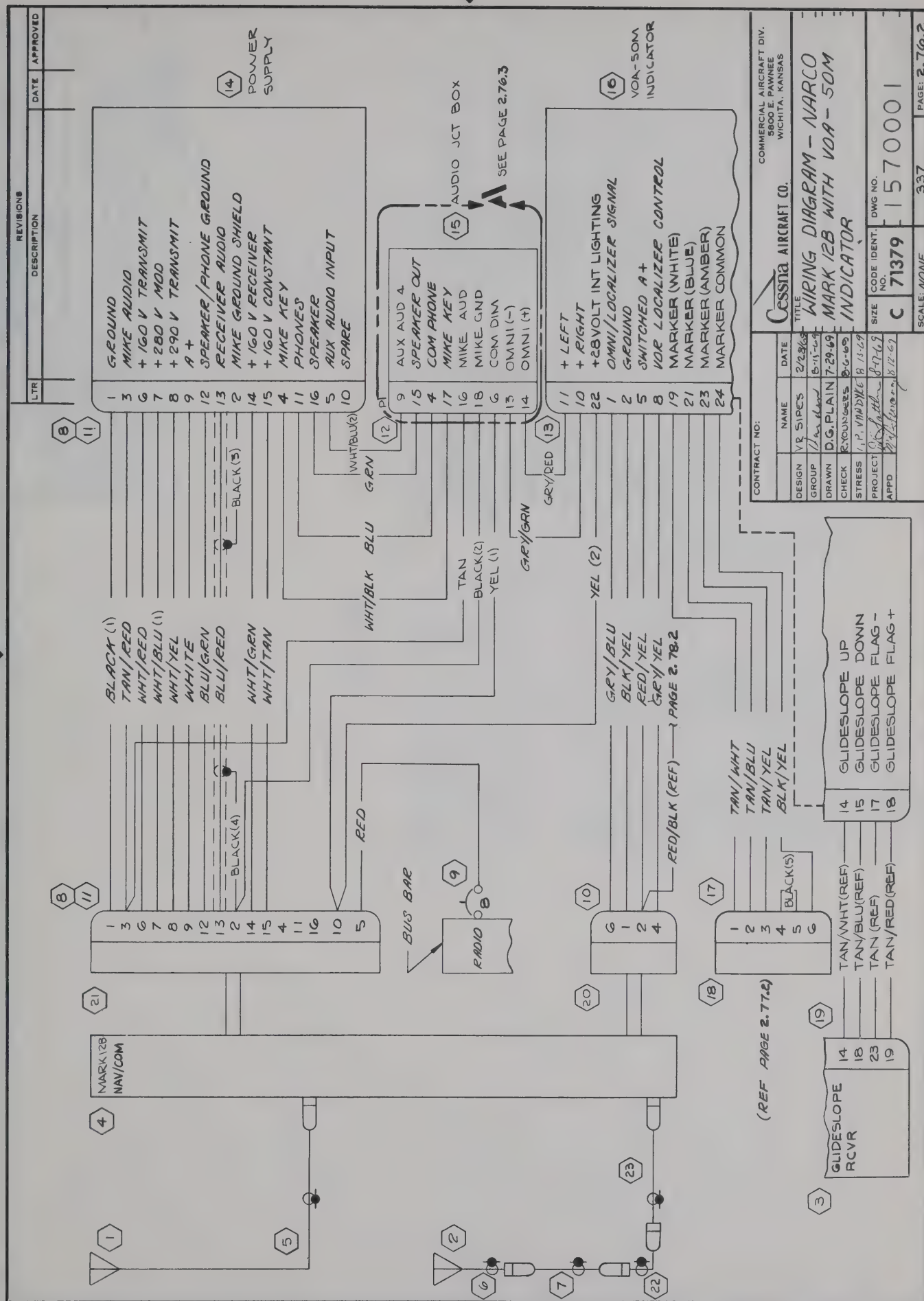
Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
		5800 E. PAWNEE	
		WICHITA, KANSAS	

TITLE		WIRING DIAGRAM -	
		NARCO MARK 12B WITH	
		VOA-40 INDICATOR	

SIZE	CODE IDENT.	DWG NO.
C	71379	1570001

SCALE	NONE	337	PAGE: 2.75.2
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REVISION		DATE	APPD
DESCRIPTION			
LET			
23	-266		
22	-238		
21	41181-3		
20	4117-1		
19	41291-101		
18	3-1641-6		
17	3-1640-6		
16	VOA-50M		
15	0570084-2		
14	T121MP-12A-1		
13	1773-100		
12	3-1838-2		
11	K41182-2		
10	K41116-1		
9	3-1360-8		
8	K41271-1		
7	-211		
6	1270013-3		
5	-213		
4	MK-12B		
3	UGR-2		
2	1270012-1		
1	0598501-002		
EQUIPMENT TABLE			
SUPERSEDES:			
SUPERSEDED BY:			
CES1000 IS APPLICABLE			
VENDOR CODES PER S1400			
CES-XXXX-CESNA SPEC. NO.			
S-XXX OR CMXXXX-CESNA			
STD. NO.			
CONTRACT NO:			
DESIGN			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
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DATE			
V.R. SIPS			
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DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
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PROJECT			
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GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
NAME			
DATE			
V.R. SIPS			
GROUP			
DRAWN			



[illegible]

"PHONE": FUNCTION TO BE ON KEYWAY SIDE OF SWITCH

REVISION			
LET	DESCRIPTION	DATE	APPD

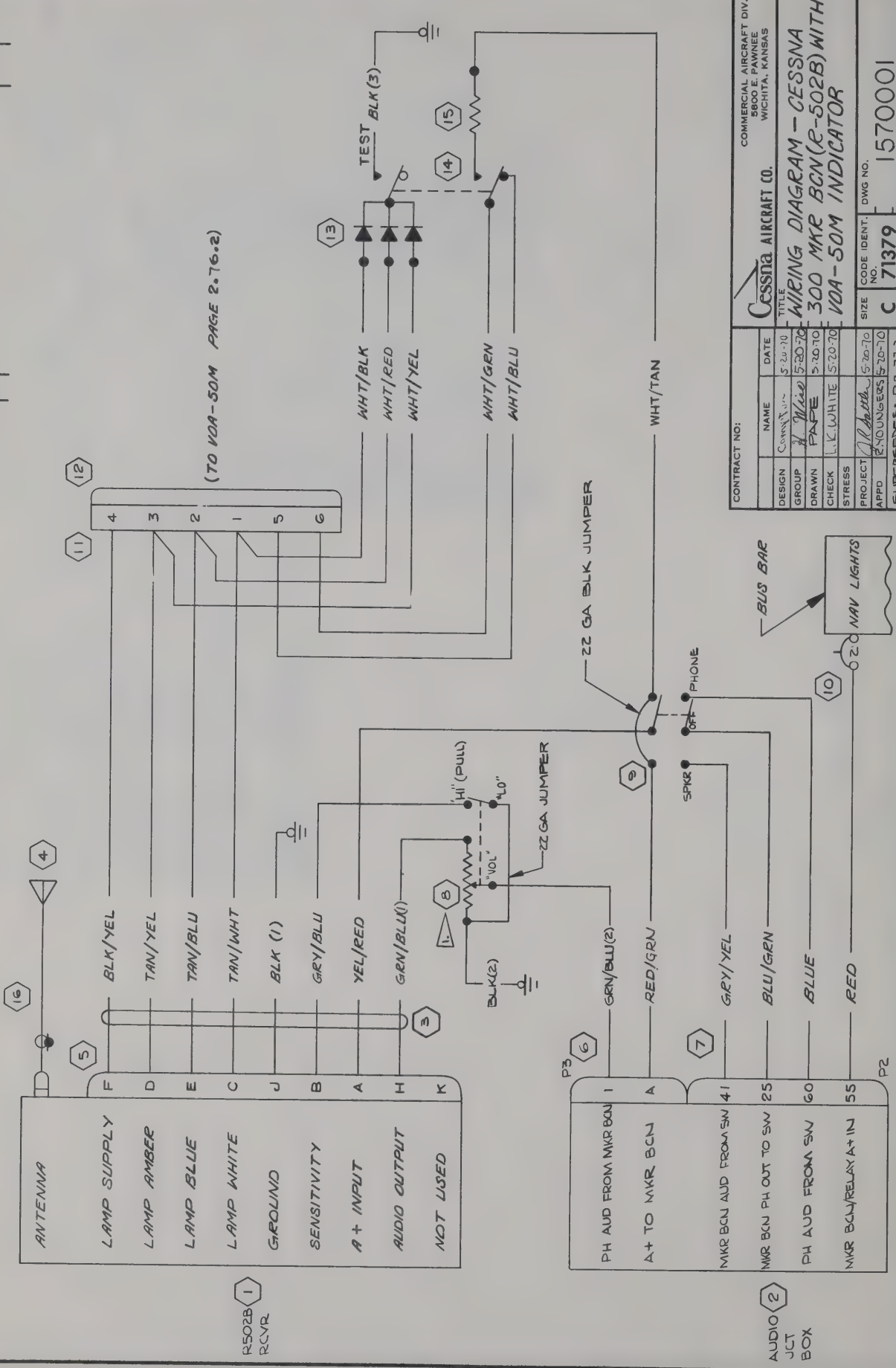
16	-265		CABLE ASSY	2.4
15	VAL 3 - 12		RESISTOR	2.77.3
14	S-1696-A		SWITCH	2.77.3
13	F4		DIODE	2.77.3
12	S-1640-G		HOUSING - PIN	2.76.0
11	S-1641-G		HOUSING - SOCKET	2.77.3
10	S-1360-Z		CIRCUIT BREAKER	4.13
9	S-1696-B		SWITCH	2.77.3
8	S-2062-1		CONTROL	2.77.3
7	S-1838-1		HOUSING	2.77.3
6	S-1838-3		HOUSING	2.77.3
5	28371 - 0009		CONNECTOR	2.77.3
4	CS5050F001		ANTENNA	6.29
3	-2029		CABLE ASSY	2.77.3
2	0570084-2		JCT BOX ASSY	7.13
1	31240-002B		RECEIVER	4.13
PART NO.		DESCRIPTION		PAGE
EQUIPMENT TABLE				

GRN/BLU	20	-22-5-6	SOLDER	SOLDER	TERMINALS
BLU	22	-22-6	↑	S-1837-1	
BLU/GRN	22	-22-6-5		S-1837-1	
GRY/YEL	20	-20-8-2		S-1837-1	
BLK (1)	18	-18-0		S-1367-1-8	
YEL/RED	20	-20-4-2		SOLDER	
RED/GRN	20	-20-2-5		S-1837-1	
GRN/BLU	20	-20-5-6		S-1837-1	
BLK/YEL	22	-22-0-4		S-1636-1	
TAN/YEL	22	-22-10-4		S-1636-2	
TAN/BLU	22	-22-10-6		S-1636-2	
TAN/WHI	22	-22-10-9		S-1636-2	
GRY/BLU	22	-22-8-6		SOLDER	
BLK (2)	22	-22-0		S-1367-1-8	
BLK (3)	22	-22-0		S-1367-1-8	
WHI/GRN	22	-22-9-5		S-1636-1	
WHI/BLU	22	-22-9-6	↑	S-1636-1	
WHI/TAN	22	-22-9-10		SOLDER	
RED	18	-18-2		S-1367-1-6	
WHI/BLK	22	-22-9-0		S-1367-1	
WHI/RED	22	-22-9-2		SEE TAN/BLU S-1370-1	
WHI/YEL	22	-22-9-4		SEE TAN/BLU S-1370-1	

CONTRACT NO.			WIRE TABLE			COMMERCIAL AIRCRAFT DIV. 5800 E. PAVNSEE WHICHA, KANSAS		
DESIGN	NAME	DATE	 CESSNA AIRCRAFT CO.	TITLE	WIRING DIAGRAM — CESSNA 300 MKR BCN (P-502B) WITH VOA-50M INDICATOR	SIZE	CODE IDENT. NO.	DWG NO. 15700001
GROUP	Quinn	5-20-70						
DRAWN	H. Ward	5-20-70						
CHECK	PAPE	5-20-70						
STRESS	W. K. WHITE	5-20-70						
PROJECT	P. Smith	5-20-70						
APPD	K. Young	5-20-70				SCALE: NONE	337	PAGE: 277.4

REVISIONS		
LTR	DESCRIPTION	DATE

(TO VOA-50M PAGE 2.76.2)



CONTRACT NO:		NAME		DATE
DESIGN		Cessna Aircraft Co.		5-20-70
GROUP		Wiring		5-20-70
DRAWN		Pape		5-20-70
CHECK		L.K. WHITE		5-20-70
STRESS		PROJECT		5-20-70
APPD		E. Youngers		5-20-70
SUPERSEDES: P 2.71.2		SIZE		C
CODE IDENT. NO.		DWG NO.		1570001
SCALE: NONE		PAGE: 2.77.5		

Cessna AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM - CESSNA
300 MKR BCN (P-502B) WITH
VOA-50M INDICATOR

EDR 10018 (SR6579) IX

REVISION		
LET	DESCRIPTION	DATE
A	BY REV: ADD -605-2033, S-2086-1, DETAIL "A" & SER EDAR 10063 (526379) IX	SLP 6/3/70 HFW

LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD -605-2033, S-2086-1, DETAIL "A" & SER EDAR 10063 (526379) IX	SLP 6/3/70 HFW	

LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD -605-2033, S-2086-1, DETAIL "A" & SER EDAR 10063 (526379) IX	SLP 6/3/70 HFW	

15	S-2086-1	ANT COUPLER	6.32
14	-2033	CABLE ASSY	2.21
13	-605	ANT. INSTL	6.4
12	MRA-14 S	PIGTAIL	2.78.0
11	-206	CABLE ASSY	2.6
10	MA-128	NAV/COM UNIT	3.31.0
9	1773-100	CONN KIT ASSY	2.76.0
8	44116-1	CONNECTOR	2.76.0
7	41247-102	CONNECTOR	2.78.0
6	4702 1/4 W	RESISTOR	2.78.0
5	41291-101	CONNECTOR	2.78.0
4	1200098-1	GLIDESLOPE ANTENNA	6.2
3	VDA-50M	INDICATOR	3.31.0
2	UGR-2	RECEIVER	4.40
1			

18	-18-0	SOLDER	S-1367-1-8
RED/BLK	18	-18-2-0	SOLDER
WHT/TAN	22	-22-9-10	
BLK/YEL	22	-22-0-4	
WHT/BLK	22	-22-9-0	
BLU/BLK	22	-22-6-0	
WHT/YEL	22	-22-9-4	
BLU/YEL	22	-22-6-4	
WHT/BLU	22	-22-9-6	
WHT/RED	22	-22-9-2	
BLU/RED	22	-22-6-2	
WHT/GRN	22	-22-9-5	
BLU/GRN	22	-22-6-5	
BLU/WHT	22	-22-6-9	
BLK (1)	22	-22-0	
TAN/WHT	22	-22-10-9	
TAN/BLU	22	-22-10-6	
TAN/RED	22	-22-10-2	
TAN	22	-22-10	
WIRE CODE NO.	GA	MATERIAL	LG
TERMINALS			SERIALS

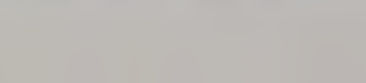
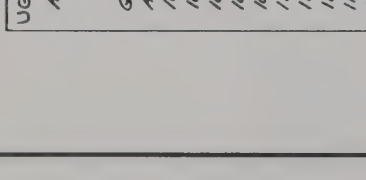
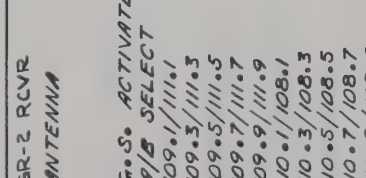
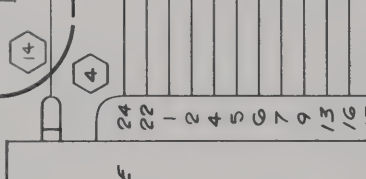
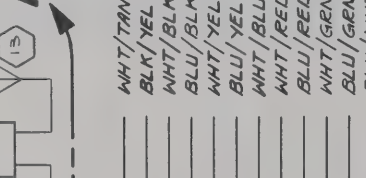
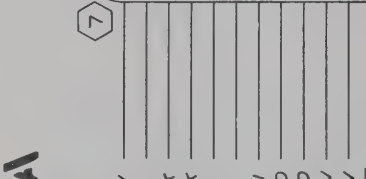
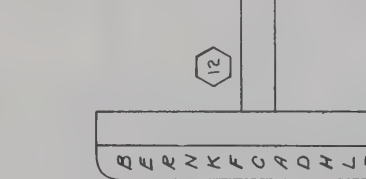
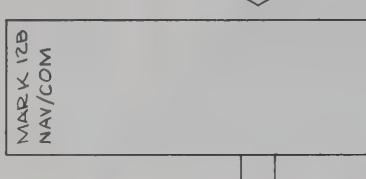
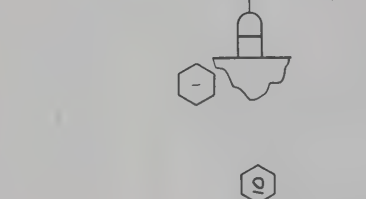
CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	YR SPCS	2/28/69	WIRING DIAGRAM -		
DRAWN	D.G. PLAIN	7-29-69	UGR-2 GLIDESLOPE WITH NARCO		
CHECK	RYOJAKS	8-10-69	MARK 12B & VOA-50M INDICATOR		
STRESS	L.P. VANDYKE	8-13-69			
PROJECT	Wichita	8-17-69			
APPD	McManis	8-17-69			
SIZE			CODE IDENT.	DWG NO.	
C			71379	1570001	
SCALE: NONE			337	PAGE: 2.78.1	

REVISIONS		
LTR	DESCRIPTION	DATE

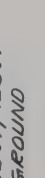
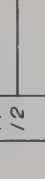
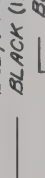
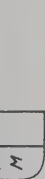
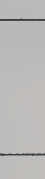
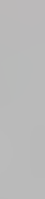
MARK 12B
NAV/COM

33701316, T33701316,
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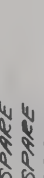
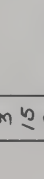
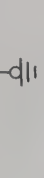
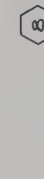
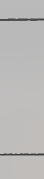
DETAIL A
THRU SER



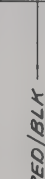
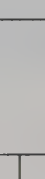
MARK 12B
NAV/COM



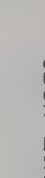
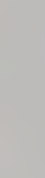
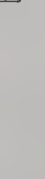
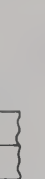
MARK 12B
NAV/COM



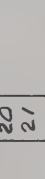
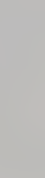
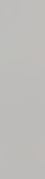
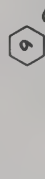
MARK 12B
NAV/COM



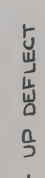
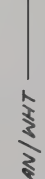
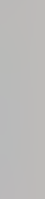
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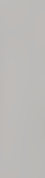
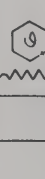
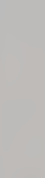
MARK 12B
NAV/COM



MARK 12B
NAV/COM

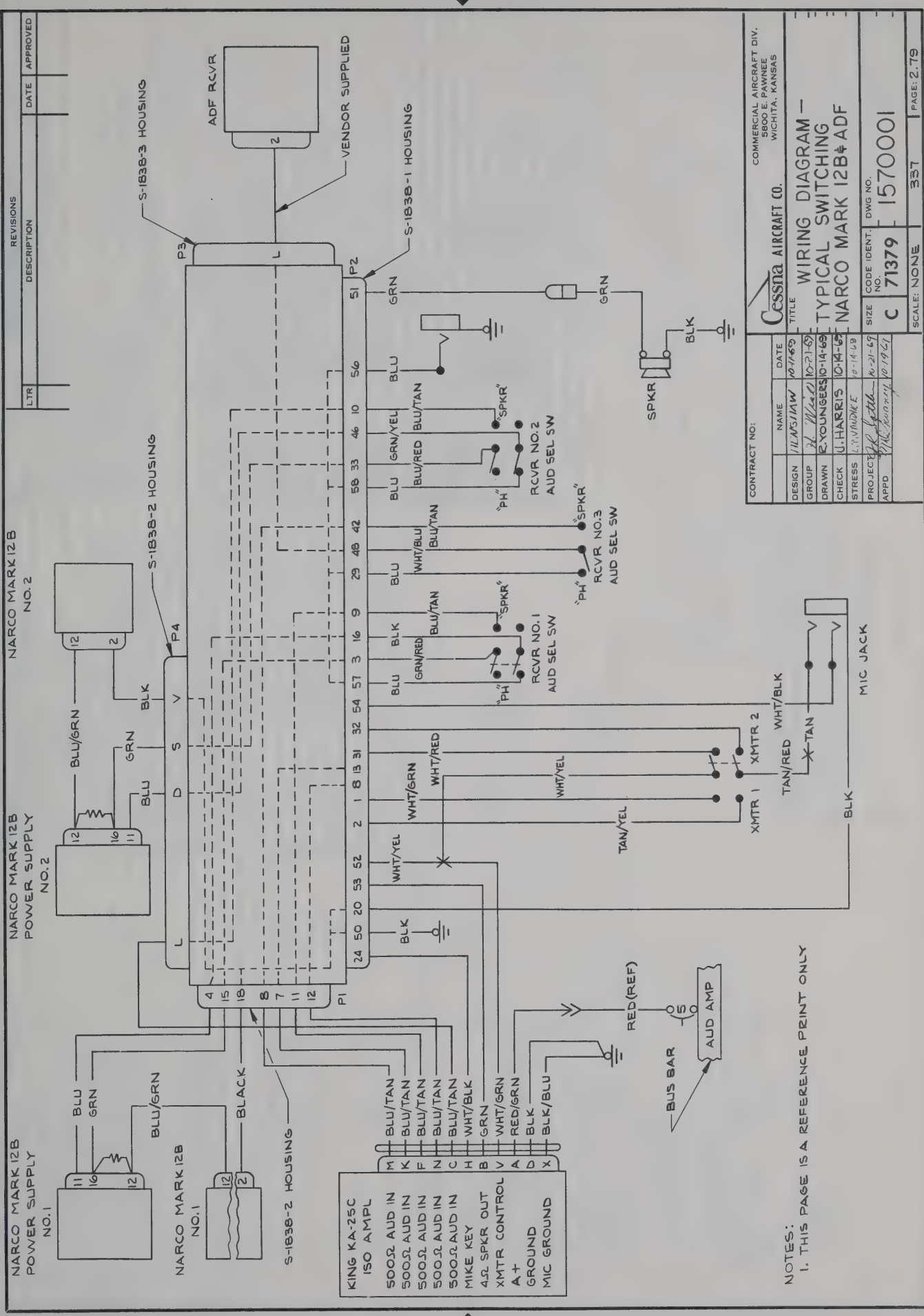


MARK 12B
NAV/COM



MARK 12B
NAV/COM





REVISIONS		
LTR	DESCRIPTION	DATE

NARCO MARK 12B POWER SUPPLY NO. 1	
NARCO MARK 12B POWER SUPPLY NO. 2	

NARCO MARK 12B POWER SUPPLY NO. 1	
NARCO MARK 12B POWER SUPPLY NO. 2	

CONTRACT NO.		NAME	DATE
DESIGN		GROUP	10-14-69
DRAWN		E. YOUNGERS	10-14-69
CHECK		J. HARRIS	10-14-69
STRESS		L. J. VINDIK	10-14-69
PROJECT		W. J. HARRIS	10-14-69
APPD		W. J. HARRIS	10-14-69

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM -- TYPICAL SWITCHING NARCO MARK 12B ADF	
SIZE		CODE IDENT.	DWG NO.
C		71379	1570001
SCALE: NONE		357	PAGE: 2.79

NOTES:
1. THIS PAGE IS A REFERENCE PRINT ONLY

- 1 74403 PLUG (12338) SUNAIR NUMBER
FOR U688C/U CONNECTOR (07497)
- 2 90873 PLUG (12338) SUNAIR NUMBER
FOR PL-259 CONNECTOR (07497)
- 3 74702 CONNECTOR (12338) SUNAIR NUMBER
FOR U6536 B/U CONNECTOR (07497)

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK(2)	22	-22-9-0			
WHT/BLK(1)	22	-22-9-0			
WHT	20	-20-9			
BLK/WHT	18	-18-0-9			
TAN	22	-22-10			
RED/GRN	20	-20-2-5			
RED/BLU	18	-18-2-6			
RED/BLK(2)	18	-18-2-0			
RED/BLK(1)	18	-18-2-0			
GRN	12	-12-2			
GRN/WHT	20	-20-5-9			
GRN/YEL	20	-20-5-4			
GRN/RED	20	-20-5-2			
GRN/BLU	20	-20-5-6			
GRN	20	-20-5			
GRAY	18	-18-8			
BLU/TAN	22	-22-6-10			
BLU/RED	22	-22-6-2			
BLU	22	-22-6			
BLK(2)	12	-12-0			
BLK(1)	20	-20-0			

WIRE TABLE				COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CONTRACT NO:		Cessna, AIRCRAFT CO.		TITLE	
DESIGN	NAME	DATE	WIRING DIAGRAM --		
GROUP	G WOOD	10-21-69	SUNAIR SSB HF (ASB-125)		
DRAWN	J. D. RAINE'S	10-20-69			
CHECK	HAR-OS	10-10-69			
STRESS	G. D. RAINSOLE	10-17-69			
PROJ	W. H. HATH	10-27-69			
APPD	W. H. RAINSOLE	10-28-69			
OTHER					
CODE IDENT. NO.			DWG NO		
C 71379			-15700001		
SCALE: NONE			PAGE: 2, 3, 1		

[illegible]



DETAIL 13
THRU SER33701287

DO NOT SCALE PRINT
BREAK ALL SHARP EDGES
A/R= AS REQD
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.
S=APPROX EQUAL SPACES
CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400

[illegible]

SR6647

FORM NO. 80-218

NOTES.

- 1 GRN/RED(1) WIRE TERMINATES IN SAME S-1837-1 TERM. AS GRN/RED WIRE.
- 2 GRN/GRN(1) WIRE TERMINATES IN SAME S-1837-1 TERM. AS GRN/GRN WIRE.
- 3 MAYBE USED IN PLACE OF 12341-0361 POWER CONVERTER

LET	REVISION	DATE	APPD
	DESCRIPTION		

RED	16	-16-2	S-1837-2	S-1367-2-6	
RED/YEL	22	-22-2-4	S-1837-1	S-1636-1	
BLK(2)	16	-16-0	S-1837-2	S-1367-2-8	
WHT/TAN	22	-22-9-10	S-2099-2	SOLDER	
WHT/GRN	22	-22-9-5			
BLU/GRN	22	S-1461-22-6-5			
BLU/BLK	22	S-1461-22-6-0			
BLU/WHT	22	S-1461-22-6-9			
BLU/RED	22	S-1461-22-6-2			
BLU/YEL	22	S-1461-22-6-4	S-2099-2		
GRN/GRN	22	-22-8-5	S-1837-1		
GRN/RED	22	-22-8-5	S-2099-2	S-1837-1	
GRN/RED	22	-22-8-2	S-2099-2	S-1837-1	
RED(1)	16	-16-2	S-2099-1	S-1636-2	
RED/WHT	18	-18-2-9	S-2099-1	S-1636-1	
BLK	16	-16-0	S-2099-1	S-1367-2-8	
BLK(1)	22	-22-0	S-2099-2	S-1837-1	
WHT/BLK	22	-22-9-0			
TAN	22	S-1461-22-10			
GRN	20	-20-5			
BLU/TAN	22	-22-6-10			
BLU/TAN(1)					
BLU/TAN(2)					
BLU/TAN(3)					
BLU/TAN(4)					
BLU	22	-22-6-10	S-2099-2	S-1837-1	
YEL	18	-18-4	S-2099-1	S-1636-1	
WIRE					
CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:		NAME		DATE	TITLE	
DESIGN	GROUP	ACHERSON	1-5-71		WIRING DIAGRAM -	
CHECK	STRESS	ACHERSON	1-11-71		CESSNA 300R NAV/COMM -	
PROJECT	APPD	W. WHITE	1-13-71		VOR/ILS (ARC TYPE 528A)	
SUPERSEDED BY:		SUPERSEDES:		CODE IDENT. DWG NO.		
STD. NO.		ITEM NO.		SIZE	C 71379 1570001	
SCALE: NONE		337		PAGE: 2,83,0		

29	12341-0361	VOLTAGE CONVERTER	34405
28	S-1641-9	HOUSING	
27	32350-0000	IN-525A INDICATOR	00781
26	-2049	CABLE ASSY	
25	S-1360-8	CKT BREAKER	
24	-2048	CABLE ASSY	
23	1270059-1	BALUN	
22	-211	CABLE ASSY	
21	-238	CABLE ASSY	
20			
19	S-1637-2	HOUSING-PLUG	
18	-2046	CABLE ASSY	
17	-213	CABLE ASSY	
16	-212	CABLE ASSY	
15	S-2096-1	BLOCK	
14	MS31068-20-275	CONNECTOR	
13	S-1838-1	HOUSING	
12	S-1838-2	HOUSING	
11	S-2047-1	CONNECTOR	
10	S-2045-1	CONNECTOR	
9	MS31068-18-15	CONNECTOR	
8	S-1641-6	HOUSING	
7	1270012-12	ANTENNA-NAV	
6	C598501-0103	ANTENNA-VHF	
5	S-2086-1	ANT COUPLER	
4	41010	VOLTAGE CONVERTER	00781
3	31640-0000	IN-514R INDICATOR	00781
2	0570084-2	JCT BOX ASSY	
1	39380-1014	TRANSCEIVER(528A)	00781

EQUIPMENT TABLE

ITEM NO.	PART NO.	DESCRIPTION
1	39380-1014	TRANSCEIVER(528A)
2	0570084-2	JCT BOX ASSY
3	31640-0000	IN-514R INDICATOR
4	41010	VOLTAGE CONVERTER
5	S-2086-1	ANT COUPLER
6	C598501-0103	ANTENNA-VHF
7	S-1641-6	HOUSING
8	1270012-12	ANTENNA-NAV
9	MS31068-18-15	CONNECTOR
10	S-2045-1	CONNECTOR
11	S-2047-1	CONNECTOR
12	S-1838-2	HOUSING
13	S-1838-1	HOUSING
14	MS31068-20-275	CONNECTOR
15	S-2096-1	BLOCK
16	-212	CABLE ASSY
17	-213	CABLE ASSY
18	-2046	CABLE ASSY
19	S-1637-2	HOUSING-PLUG
20		
21	-238	CABLE ASSY
22	-211	CABLE ASSY
23	1270059-1	BALUN
24	-2048	CABLE ASSY
25	S-1360-8	CKT BREAKER
26	-2049	CABLE ASSY
27	32350-0000	IN-525A INDICATOR
28	S-1641-9	HOUSING
29	12341-0361	VOLTAGE CONVERTER

CESSNA 300R IS APPLICABLE
VENDOR CODES PER S1400
CES-XXXX-CESSNA SPEC NO.
S-XXX OR CMXXXX-CESSNA

SUPERSEDED BY:

SUPERSEDES:

GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE				
CODE NO				

WIRE TABLE

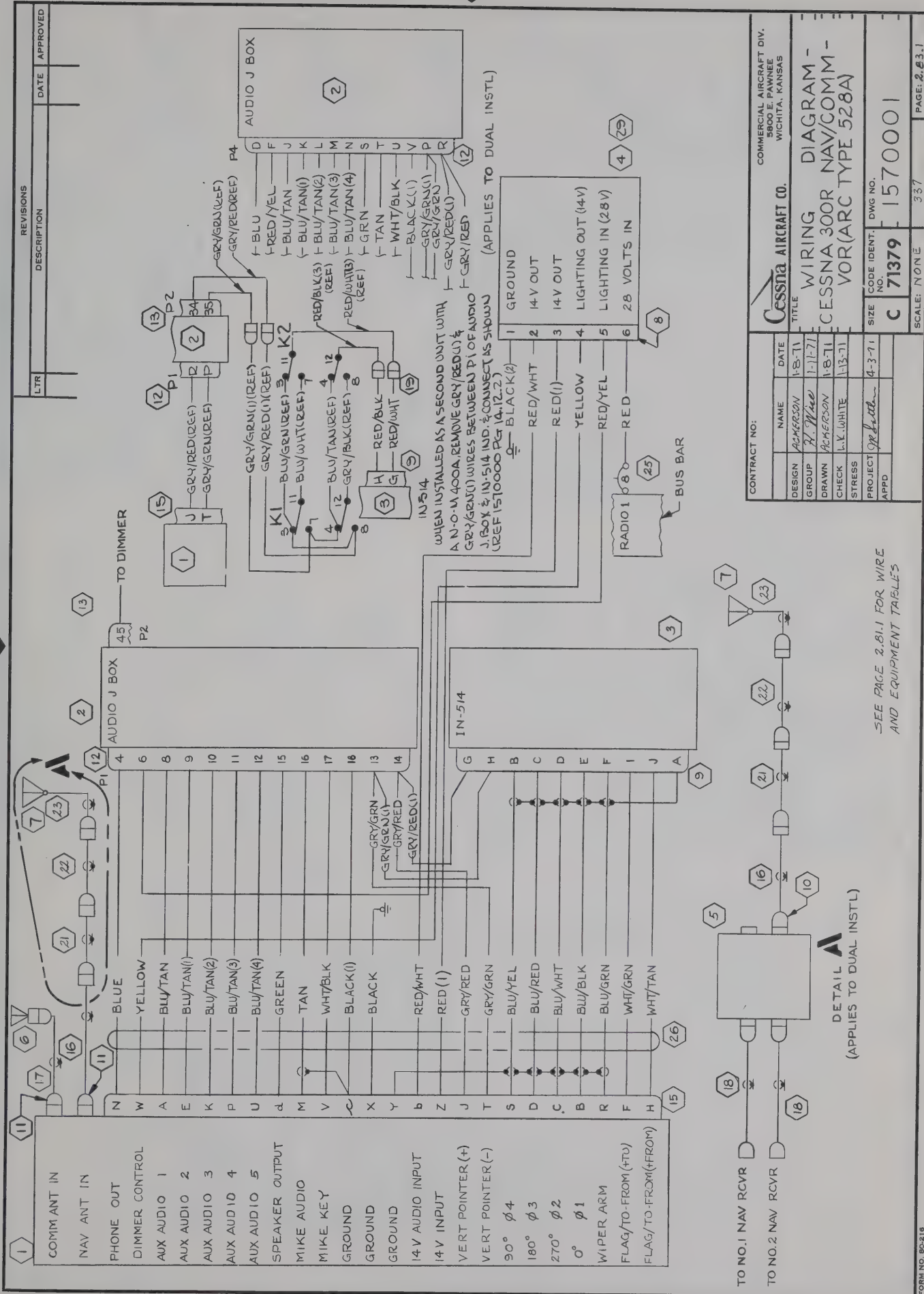
TERMINALS

TERMINALS

TERMINALS

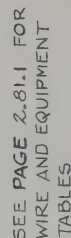
TERMINALS

TERMINALS



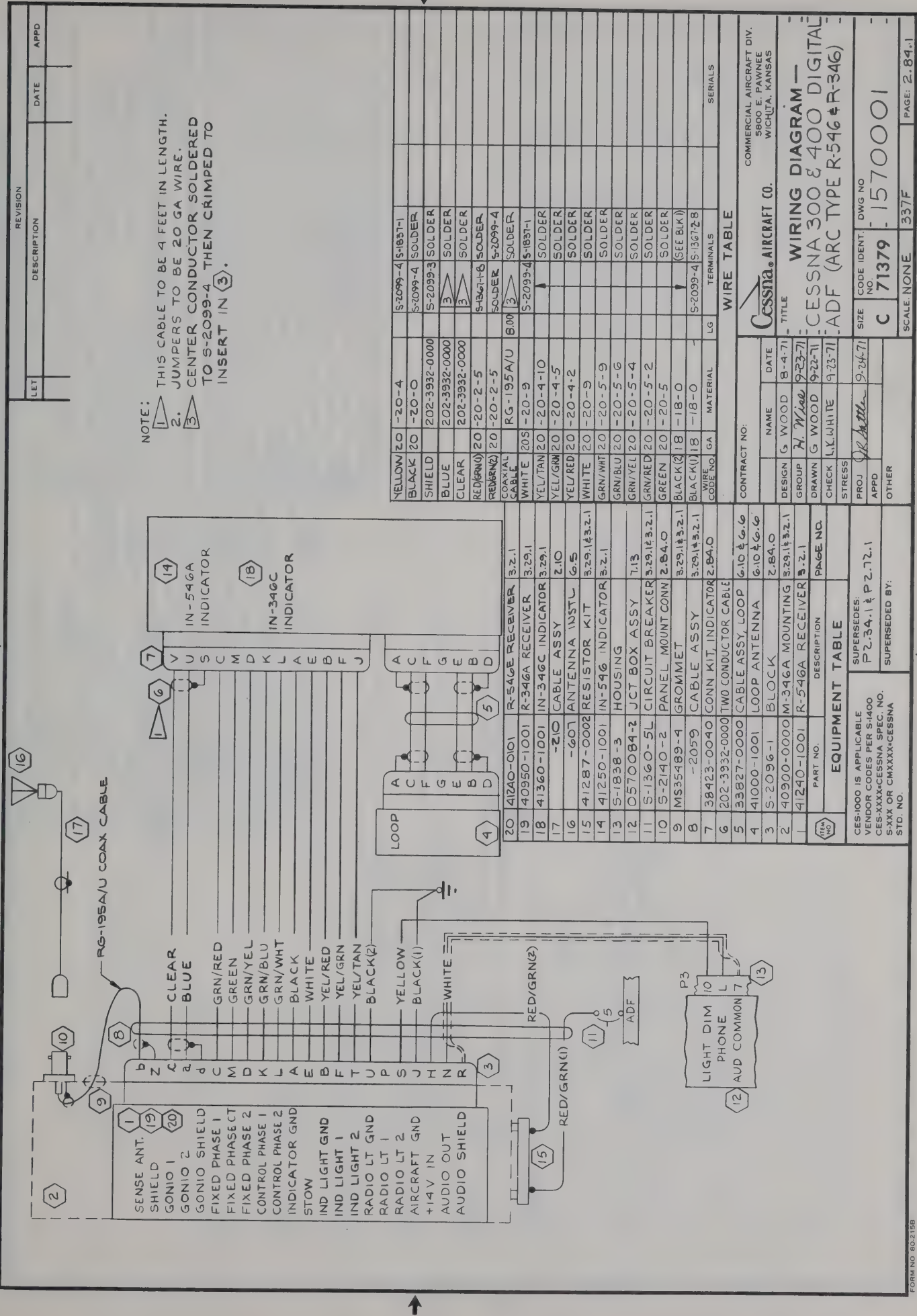
REVISIONS	DESCRIPTION	DATE	APPROVED
LTR			

CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CONTRACT NO.: DESIGN: <i>ACKERSON</i> GROUP: <i>7. New</i> DRAWN: <i>ACKERSON</i> CHECK: <i>L.V. WHITE</i> STRESS: <i>gr. h. ad.</i> PROJECT: <i>gr. h. ad.</i> APPD:	TITLE: WIRING DIAGRAM - CESSNA 300R NAV/COMM - VOR(ARC TYPE 528A)
DATE: 1-11-71 DATE: 1-8-71 DATE: 4-3-71	SIZE: C CODE IDENT. NO.: 71379 DWG NO.: 1570001
SCALE: NONE	PAGE: 2 of 3

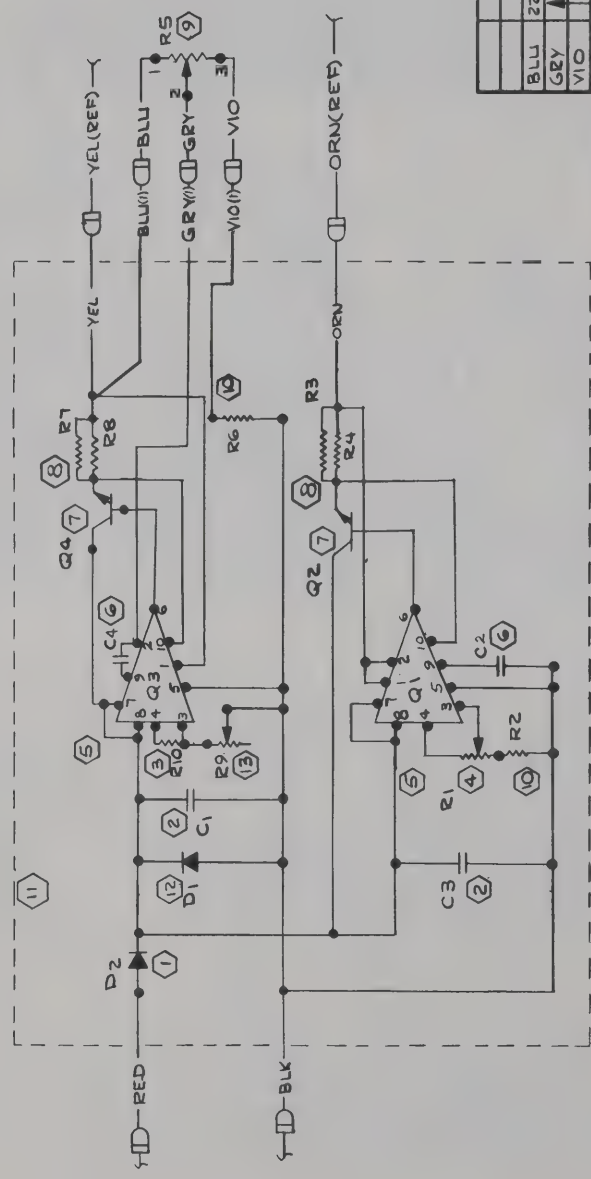
PTION

WHEN INSTALLED AS A FIRST UNIT WITH
A N-O-M 400A, REMOVE GR4/RED(1) &
GR4/GRN(1) WIRES BETWEEN PI OF AUDIO
JRY BOX & IN 525 INDICATOR & CONNECT
AS SHOWN. (REF 1570000 PG 14-12.2)

CONTRACT NO:



LET	REVISION	DESCRIPTION	DATE	APPD



ITEM NO.	PART NO.	DESCRIPTION	VENDOR
13	EOB6BD/100E	POT	73445
12	1N462A	DIODE	07688
11	127013-1	REGULATOR ASSY	
10	1-4-5P470EB	RESISTOR	73445
9	3859A-281-103A	POT	81TD
8	1-4-5P1EB	RESISTOR	73445
7	MJE3055	TRANSISTOR	04713
6	220AE/AIK	CAPACITOR	73445
5	MC1723CG	INTEGRATED CKT	04713
4	EOB6BD/4K1	POT	73445
3	1-4-5P5G0EB	RESISTOR	73445
2	220AE/A100A	CAPACITOR	73445
1	1N2070	DIODE	07688

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJ	APPD	OTHER
	VRSIPES	8/21/71								
	W. W. Sipes	9-22-71								
	K. K. White	9-20-71								
		9-24-71								

WIRE TABLE	LG	TERMINALS	SERIALS
BLU	22	BELDEN 856B	
GRY			
VIO			
YEL			
RED	22	BELDEN 856B	
GRN			
BLK			
WIR			
CODE NO			
GA			
MATERIAL			
LG			
TERMINALS			
SERIALS			

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJ	APPD	OTHER
	VRSIPES	8/21/71								
	W. W. Sipes	9-22-71								
	K. K. White	9-20-71								
		9-24-71								

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJ	APPD	OTHER
	VRSIPES	8/21/71								
	W. W. Sipes	9-22-71								
	K. K. White	9-20-71								
		9-24-71								

CONTRACT NO.	NAME	DATE	DESIGN	GROUP	DRAWN	CHECK	STRESS	PROJ	APPD	OTHER
	VRSIPES	8/21/71								
	W. W. Sipes	9-22-71								
	K. K. White	9-20-71								
		9-24-71								

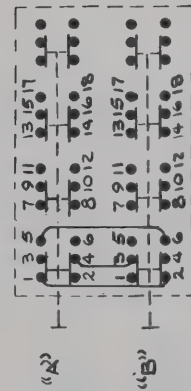
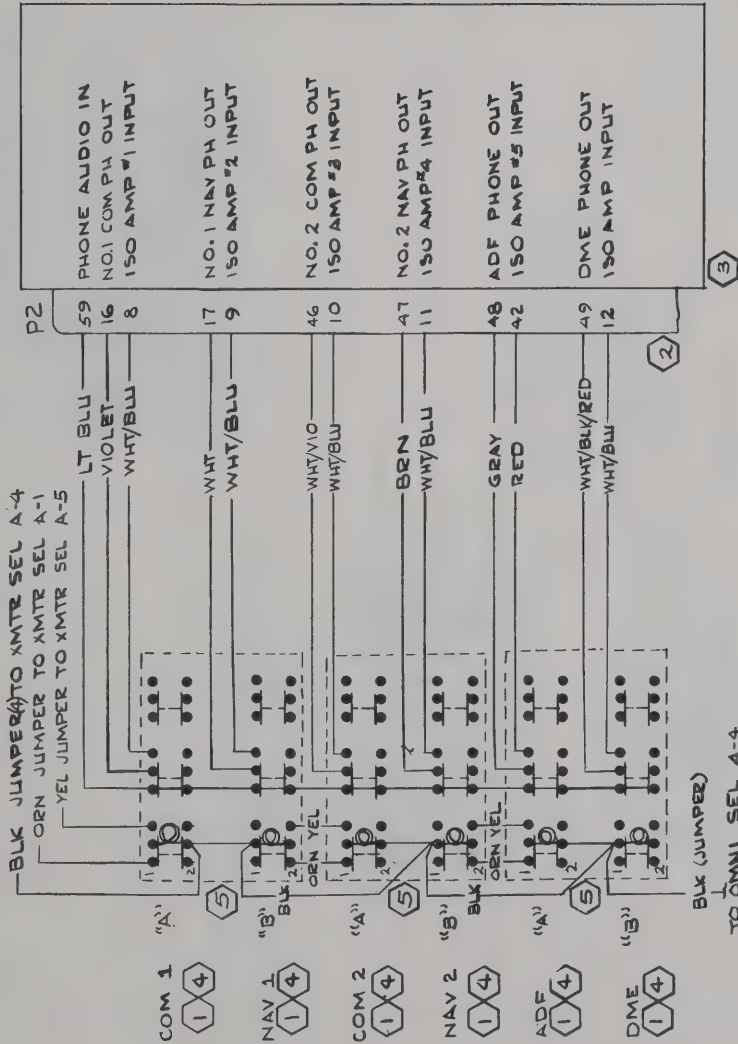
REVISION

DESCRIPTION

DATE

APPD

LET



TYPICAL VIEW OF SWITCH CONNECTION OF SWITCHES

NOTES:
1. ALL SWITCHES SHOWN IN 'PHONE' POSITION.
2. ALL JUMPERS BETWEEN BOARDS ARE TO BE COLOR OF INCOMING WIRE.

BLK	22	BELDEN 8568	SOLDER	SOLDER
YEL	22	BELDEN 8568	SOLDER	SOLDER
ORN	22			S-1837-1
RED	22			
GRY	22			
BEN	22			
WHT/VIO	22			
WHT	22			
WHT/BLU	22			
VIOLET	22			
LT BLU	22	BELDEN 8568	SOLDER	S-1837-1
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
				SERIALS

WIRE TABLE

CONTRACT NO.		NAME	DATE
DESIGN	YR SIPS	4/14/71	
GROUP	YR SIPS	3-24-71	
DRAWN	YR SIPS	3-10-71	
CHECK	YR SIPS	2-16-71	
STRESS	YR SIPS	3-25-71	
PROJ	YR SIPS	3-25-71	
APPD	YR SIPS	3-25-71	
OTHER	YR SIPS	3-25-71	

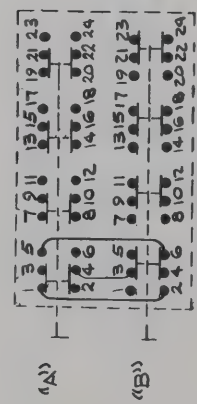
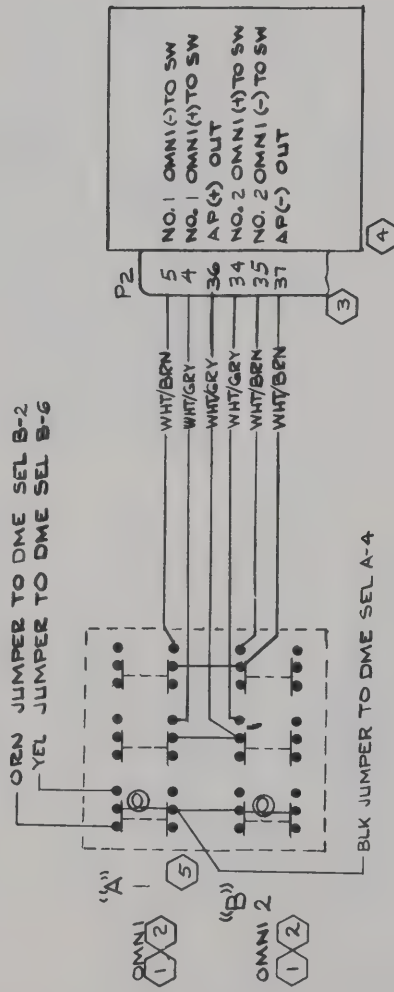
DESIGN	YR SIPS	4/14/71
GROUP	YR SIPS	3-24-71
DRAWN	YR SIPS	3-10-71
CHECK	YR SIPS	2-16-71
STRESS	YR SIPS	3-25-71
PROJ	YR SIPS	3-25-71
APPD	YR SIPS	3-25-71
OTHER	YR SIPS	3-25-71

SIZE	C	71379
CODE IDENT.	NO.	1570001
SCALE	NONE	337
PAGE	2	85-4.0

5	1270715-1	BOARD ASSY
4	5-2134-2	LIGHT
3	0570084-2	JUNCTION BOX ASSY
2	5-1838-1	HOUSING
1	5-2131-1	SWITCH

PART NO.	DESCRIPTION
ITEM NO.	EQUIPMENT TABLE

CES-1000 IS APPLICABLE	SUPERSEDES:
VENDOR CODES PER S-1400	PG 2.47.0, 2.47.1
CESNA/CESNA SEC. NO.	2.73.0, 2.73.1
SXXOR CMAXX-CESNA	
STD. NO.	



TYPICAL VIEW & ELECT CONNECTION OF SWITCHES

NOTES:
1. ALL JUMPERS TO BE SAME COLOR AS INCOMING WIRE.

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CHG LET	REVISION	BY	CHK
		DATE	
A	BY REV: ADD NOTE 4 # 350040-0026 WAS: 157020 (SIC 3095) IX	1/11/70 0-15-4700 11-100	1/11/70 11-100
B	BY REV: DELETE 1570041-12; FA1(REF) WAS DEL/WHIT # FA3(REF) WAS BLK/MTT ED#RR 01976	4-6-68 11-100	4-6-68 11-100

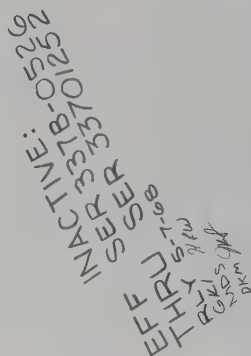
1. PLUGS ARE VENDOR FURNISHED
2. GRAY/RED WIRE IS "DELV + " CIRCUIT & GRN/GREEN WIRE IS "DELV - " FOR CONNECTION TO VOR INDICATOR
3. LIGHT DIMMING WIRE CONNECTS TO FLOOD LIGHT DIM RHEOSTAT WITHA STANDARD LIGHTING. WHEN OPT. POST LIGHTING IS INSTALLED, CONNECT TO LIGHT INSTR. & RADIO DIAL LIGHT DIMMING RHEOSTAT.
4. ALL CONNECTORS REQUIRED FOR CABLE ASSEMBLIES ARE PART OF ARC CONNECTOR KIT NO. 28883-0000.

[illegible]

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
21	51360-15	CIRCUIT BREAKER	
20	1570041-13	CABLE ASSY	
19			
18	1570041-14	CABLE ASSY	
17	1570041-15	CABLE ASSY	
16	1570041-16	CABLE ASSY	
15	51640-15	HOUSING- PIN	
14	51641-15	HOUSING- SOCKET	
13	28326-0009	PLUG (ARC)	
12	28326-00015	PLUG (ARC)	
11	M306ANDU335	PLUG (ARC)	
10	50328-0002	PLUG (ARC)	
9	28335	PLUG (ARC)	
8	28371-0005	PLUG (ARC)	
7	29410	PLUG (ARC)	
6	28371-0009	PLUG (ARC)	
5	29510-0000	ACTUATOR	W/TYPE ARC TYPE C-510N
4	30510-0100	DIRECTIONAL GYRO	W/TYPE ARC TYPE C-510N
3	28300	OMNI COUPLER	W/TYPE ARC TYPE C-510N
2	30600-0028	TURN COORDINATOR	W/TYPE ARC TYPE C-510N
1	35660-102B	CONTROLLER	W/TYPE ARC TYPE C-510N

BLACK	LG	-16-0	SOLDER	5163128
GEN/REL 20	-20-5-4		SOLDER	5163118
WHT/TAN 22	-22-9-10		↑	
RED/BLK 1B	-1B-2-0		↑	
GRN/BLU 20	-20-5-6			
WHT/YEL 22	-22-9-2			
WHT/YEL 22	-22-9-4		↑	
WHT/GRN 22	-22-9-5		51635-1	SOLDER
RED	16	-16-2	5163116	SOLDER
TAN/WHIT 22	-22-10-9		↑	
TAN/BLU 22	-22-10-6		↑	
BLU/YEL 22	51631-1	-22-6-4		
BLU/YEL 22	51631-1	-22-6-2	SOLDER	51636-1
WHT/TNS 22	-22-9-10		↑	
RED/BLK 1B	-1B-2-0		↑	
GRN/BLU 20	-20-5-6			
WHT/RED 22	-22-9-2		↑	
WHT/YEL 22	-22-9-4		51636-1	SOLDER
WHT/GRN 22	-22-9-5			
BLU/BLK 22	-22-6-0		↑	
BLU/TAN 22	-22-6-10		↑	
BLU/RED 22	-22-6-2			
BLU/YEL 22	-22-6-4		SOLDER	
BLU/GRN 22	-22-6-5		51610-0	
GRN/GRN 22	-22-8-5		51610-0	
GRN/RED 22	-22-8-2		SOLDER	
GRN 20	-20-5		↑	
GRN/YEL 22	-22-8-4			
BLU/WHIT 22	-22-6-5			
GRN/BLU 22	-22-8-6			
YELLOW 20	-20-4			
BLU 22	-22-6			
YEL/TAN 20	-20-4-10		↑	
YEL/RED 20	-20-4-2		SOLDER	SOLDER

WIRE TABLE		CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS	
WIRING DIAGRAM — CESSNA NAV-O-MATIC 300 AUTOPILOT (OPTIONAL)		TITLE WIRING	CESSNA OWN NO. 1570000-
DRAWN GROUP CHECK PROJ.	NAME H. W. W. W. C. F. F. F. M. L. L. L.	DATE 5-24-66 5-24-66 5-24-66	REV: B PAGE 1431
REPRODUCED BY: 14-747-7-0-31		PART NUMBER: 14-747-7-0-31	

[illegible]

WIRE TABLE

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

DRAWN		DATE		TITLE	
UNDES		5-6-66		WIRING DIAGRAM—	
CHECK		5-7-66		CESSNA UN. O. M. T. C.	
GROUP		2 Mach		300 CUTOPILOT	
PROJ		5-14-66		(OPTIONAL)	
A/S		JUL 11		15700000	

REV: B PAGE: 14.3.2

MODEL: 337

PAGE: 14.3



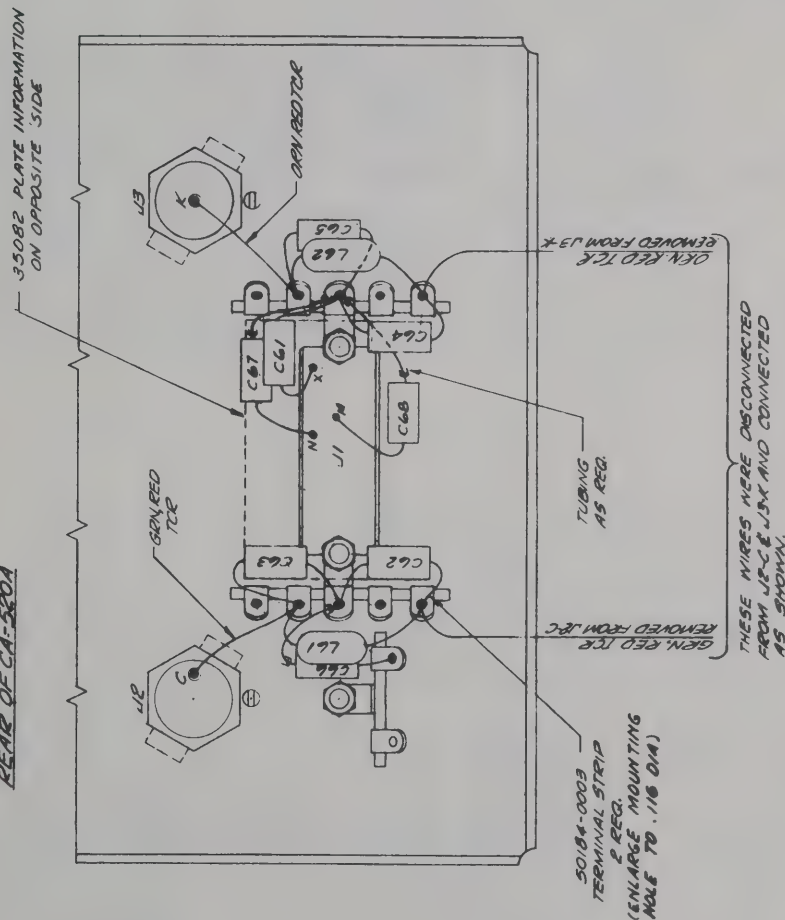
OWN NO: 15700000

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
EQUIPMENT TABLE			

EQUIPMENT TABLE

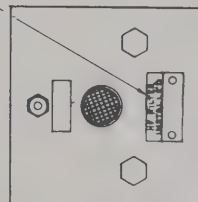
WIRING DIAGRAM

INSIDE VIEW
REAR OF CA-550A



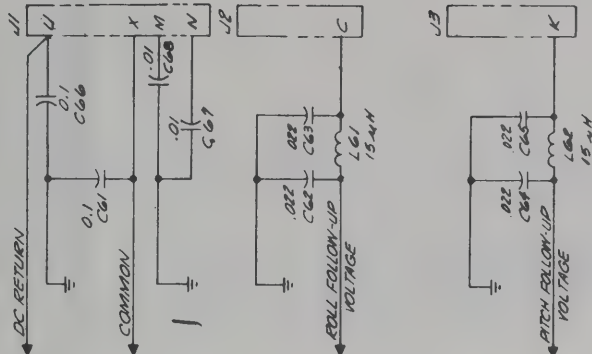
ITEM NO.	ARC PART NO.	DESCRIPTION	QTY
1	32423-8223	.022 MFD CAPACITOR	4
2	32423-9108	.010 MFD CAPACITOR	2
3	32423-9102	.100 MFD CAPACITOR	2
4	31193-0190	15 M CHOKES	2
5	50184-0003	TERMINAL STRIP (MTO HOLES - 116)	2
6	35082	INFORMATION PLATE	1
7	21471-0102 (3')	GREEN/RED WIRE	1
8	21471-0302 (3')	ORANGE/RED WIRE	1
9	8800-0032 (6')	TUBING	1
10	39094	DRILLING	1

35082 INFORMATION PLATE TO BE MTD WITH EXISTING SCREWS WHEN MODIFICATION HAS BEEN COMPLETED



FRONT VIEW OF COMPUTER-AMPLIFIER

SCHEMATIC DIAGRAM



- NOTES:
1. REMOVE NUTS FROM CONNECTOR J1, BACK OUT CONNECTOR, INSTALL INFORMATION PLATE 35082 REPLACE CONNECTOR ON CHASSIS, THEN INSTALL TWO TERMINAL STRIPS 50184-0003 AS SHOWN USING CONNECTOR MOUNTING SCREWS. REINSTALL NUTS.
 2. INSTALL CAPACITORS AND CHOKES AS SHOWN IN WIRING AND SCHEMATIC DIAGRAMS.
 3. UNSOLDER WIRES FROM J1-C AND J3-K AND RESOLDER TO NEW LOCATIONS AS SHOWN.
 4. CONTACTING SURFACES BETWEEN COMPUTER AND MOUNTING SHELF MUST BE CLEAN AND FREE OF CONTAMINANTS. IN ORDER TO MAKE POSITIVE ELECTRICAL CONTACT.

WIRE TABLE

NAME	DATE	TITLE
G. WOOD	3-31-66	WIRING DIAGRAM
H. WOOD	3-31-66	CESSNA NAV-O-MATIC
CHECK	4-7-66	400 AUTOPILOT
PREP	4-7-66	(OPT)
REVISIONS		
BY	DATE	DESCRIPTION
P. A. A. 7		
MODEL	337	PAGE
REV	14.4.1.1	1570000



CESSNA

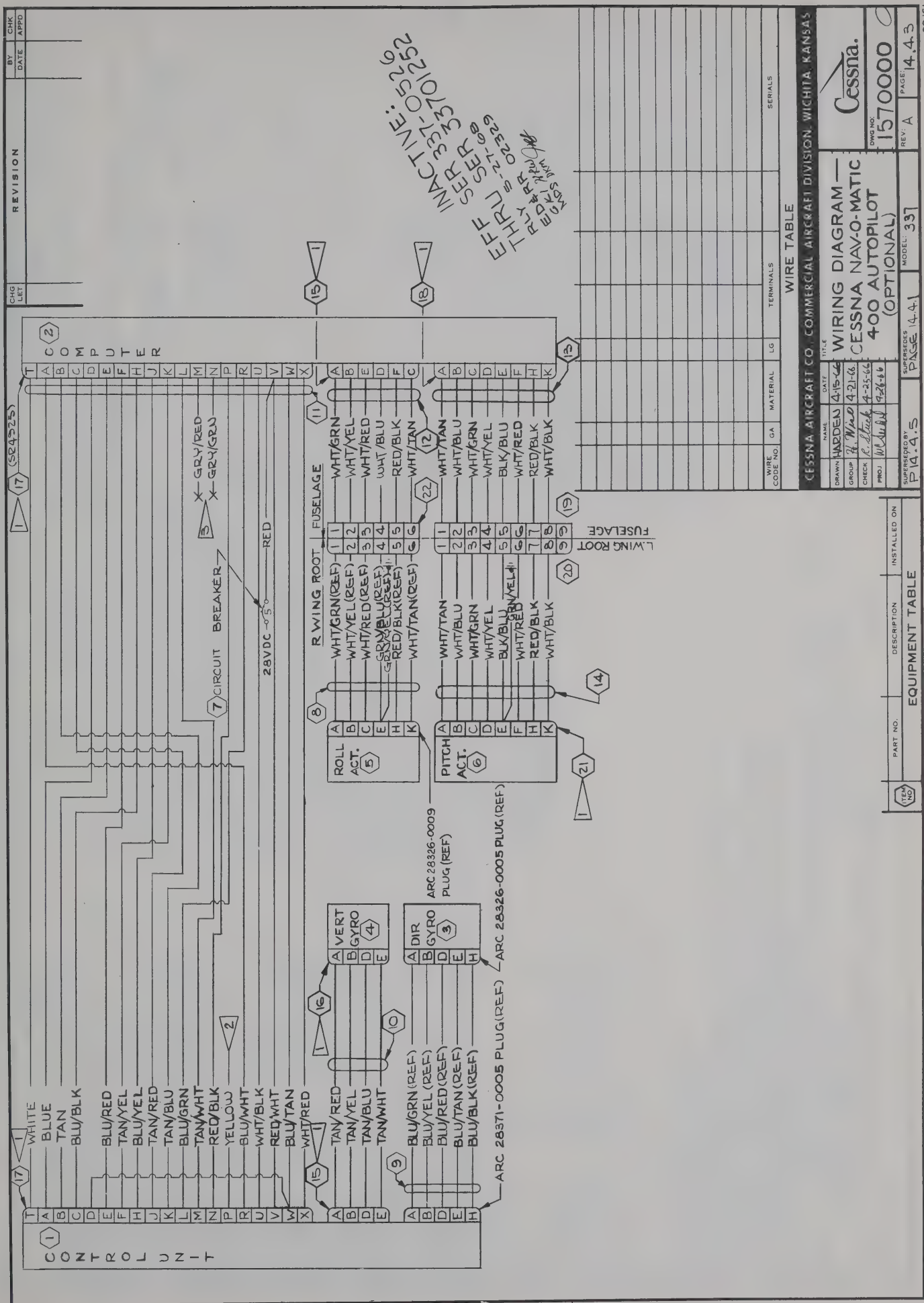
(584925)

REVISION

CHG	REVISION	BY	CHK
LET		DATE	APPD
A	BY REV: ADD NOTE \$ 37570 - 0001 WAS 30475-0100 (345095) <u>XX</u>	JWH 5-15-67	YAK 5/15/67 HS WH

2. WITH STD LIGHTING.
INSTR & RADIO DIAL
RE IS "DEV -"
PART OF KIT

WIRE COLOR	GA	MATERIAL	LG	TERMINALS	WIRE TABLE
WHITE	22	-22-9	1800	SOLDER	SOLDER
GR/YEL	22	-22-8-5	1800	SOLDER	S1310-0
GR/YEL	22	-22-8-7	1800		S1310-0
GR/YEL	20	-20-5-4	200		S-13671-8
WH/YEL	22	-22-9-0	580		S-1636-1
WH/YEL	22	-22-9-0	1000		S-1636-1
RED/YEL	18	-18-2-0	580		S-1636-1
RED/YEL	18	-18-2-0	1000		S-1636-1
WH/YEL	22	-22-0-6	580		S-1636-1
WH/YEL	22	-22-9-2	1000		
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5			
WH/YEL	22	-22-9-10	1000		S-1636-1
WH/YEL	22	-22-9-10	820		S-1636-1
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
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WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
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WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
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WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
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WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
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WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
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WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
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WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
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WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
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WH/YEL	22	-22-9-4			
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WH/YEL	22	-22-9-4			
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WH/YEL	22	-22-9-5	820		S-1636-1
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WH/YEL	22	-22-9-5	820		S-1636-1
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WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
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WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		S-1636-1
WH/YEL	22	-22-9-2	1800		SOLDER
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WH/YEL	22	-22-9-2			
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WH/YEL	22	-22-9-5	820		S-1636-1
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RED/YEL	18	-18-2-0			
WH/YEL	22	-22-9-6			
WH/YEL	22	-22-9-2			
WH/YEL	22	-22-9-4			
WH/YEL	22	-22-9-5	820		



GRAYED WIRE IS "DEV+ CIRCUT # GRVRYN"
WIRE IS "DEV- CIRCUT FOR CONNECTION TO
A VOR INDICATOR"

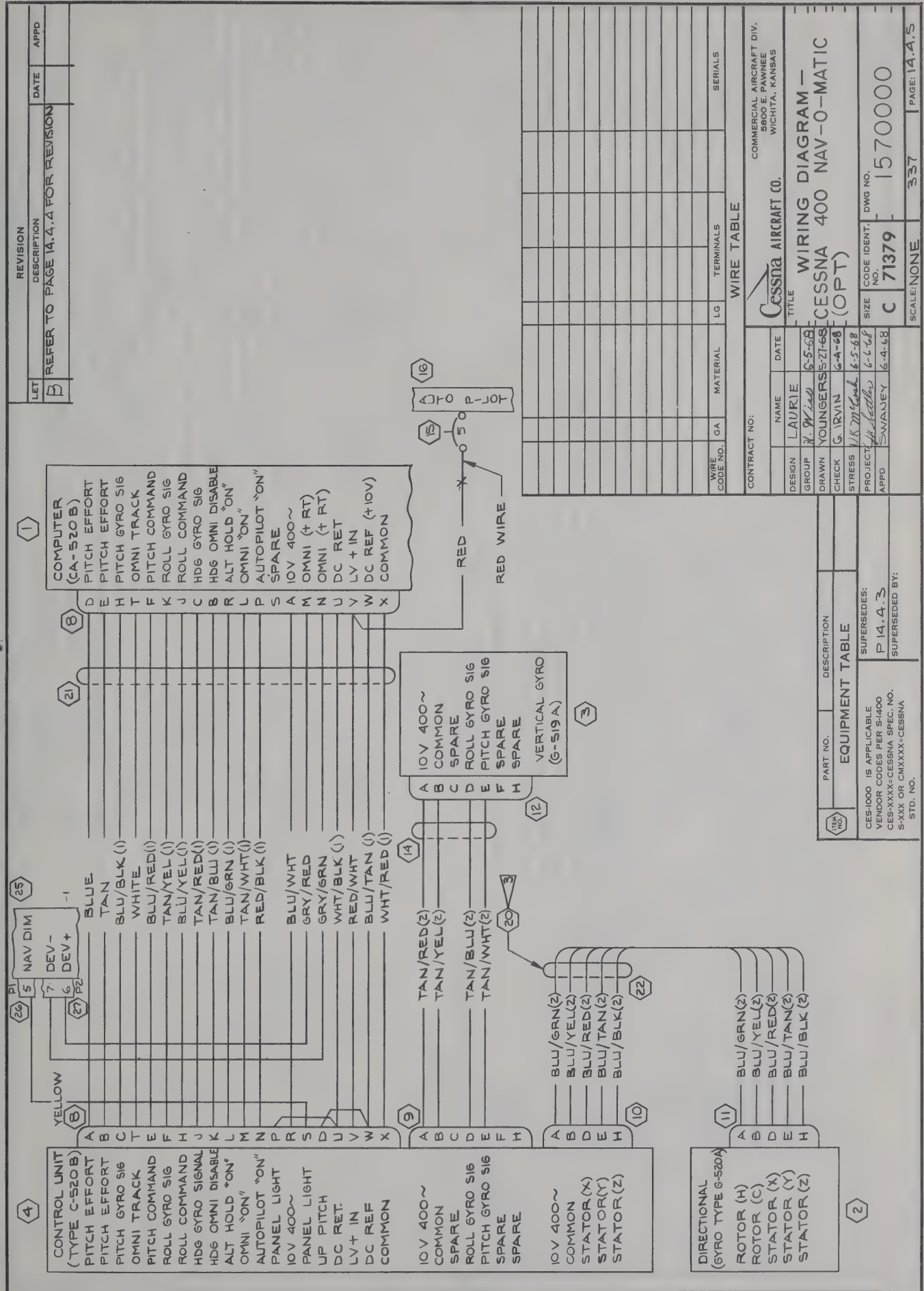
CONNECTORS REQUIRED FOR FABRICATING A COMPLETE SET OF INTERCONNECTING CABLES ARE INCLUDED IN

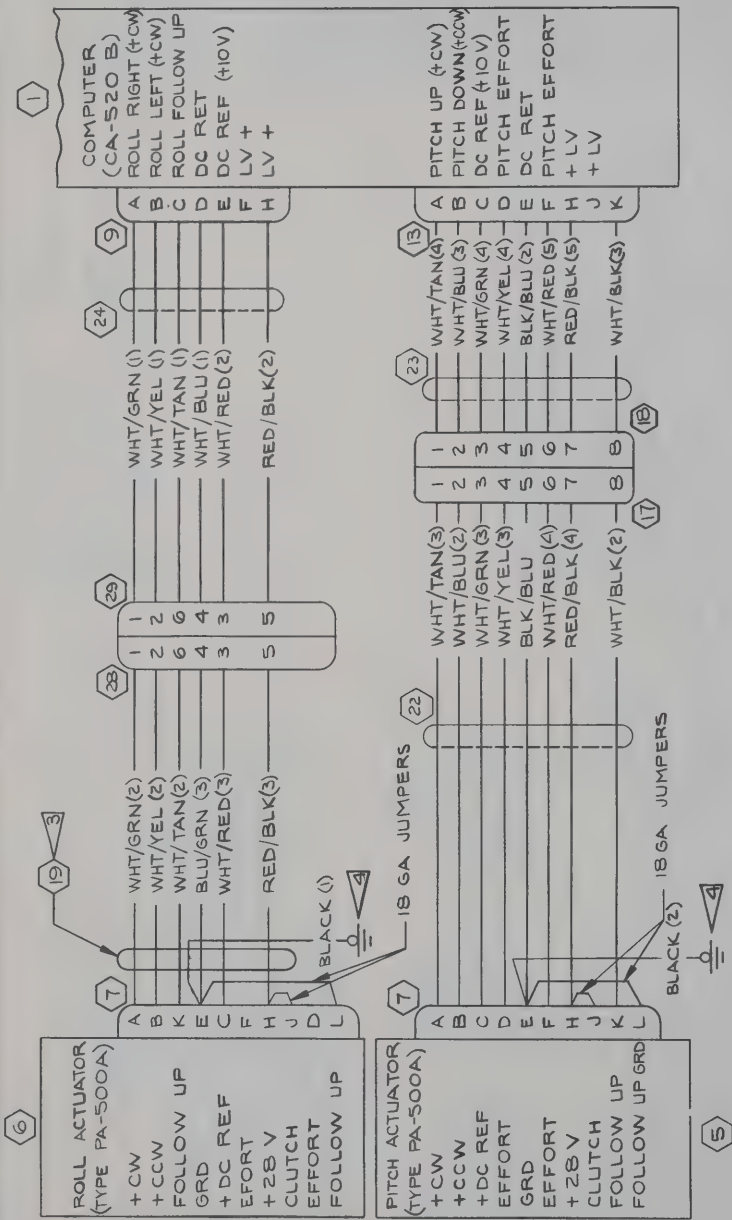
ARC CONNECTOR KIT NO. 36492

NAV-O-MATIC 300 INSTL
GROUND TO AIRFRAME AS CLOSE TO ACTUATOR UNIT
AS POSSIBLE
TO DIMMER CIRCUIT.

FORM NO. 80-21KA

ED#RR 02329 (SR5752)

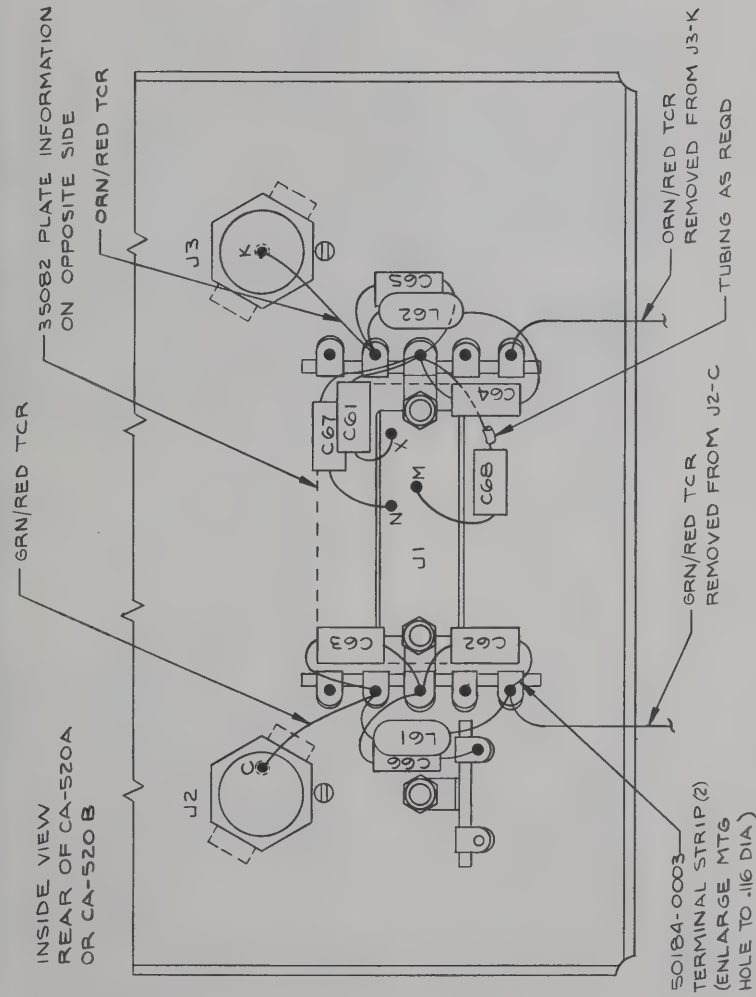


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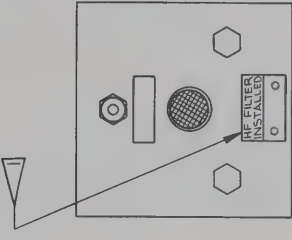
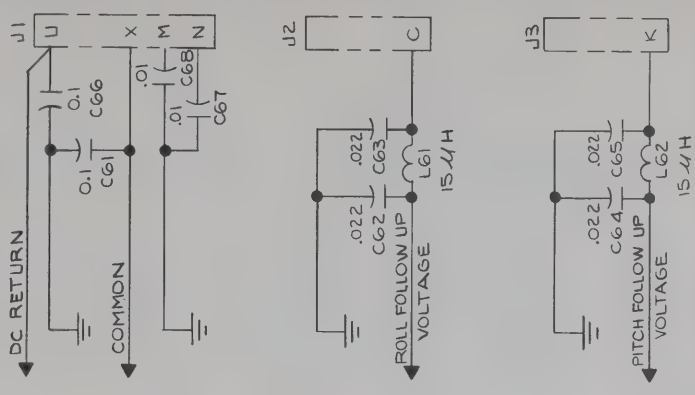
WIRE TABLE				COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CONTRACT NO:		Cessna AIRCRAFT CO.		TITLE	
DESIGN	NAME	DATE	WIRING DIAGRAM -		
GROUP	Laurie	6-5-68	CESSNA 400 NAV-O-MATIC		
DRAWN	YOUNGERS	5-27-68	(OPT)		
CHECK	G. IRVIN	6-4-68			
STRESS	AKW	6-5-68			
PROJECT	W. H. H. H.	6-4-68			
APPD	W. H. H. H.	6-4-68			
SIZE		CODE IDENT.	DWG NO.	1570000	
C		NO.	71379		
SCALE: NONE			337	PAGE: 14-4-6	

	PART NO.	DESCRIPTION
	EQUIPMENT TABLE	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO. SUPERSEDES: P 14.4.1.3 SUPERSEDED BY:		

LET	REVISION	DATE	APPD
	DESCRIPTION		



SCHEMATIC DIAGRAM



ITEM NO.	ARC PART NO.	DESCRIPTION	QTY
1	32423-9223	.022 μ F CAPACITOR	4
2	32423-9103	.010 μ F CAPACITOR	2
3	32423-9102	.100 μ F CAPACITOR	2
4	31193-0150	15 μ H CHOKE	2
5	SO184-0003	TERMINAL STRIP	2
6	35082	INFORMATION PLATE	1
7	21471-0502 (3')	GREEN/RED WIRE	1
8	21471-0302 (3')	ORANGE/RED WIRE	1
9	3800-0032(6')	TUBING	1
10	35094	DRAWING	1

- NOTES:
- 1 TO BE MOUNTED WITH EXISTING SCREWS WHEN MODIFICATION HAS BEEN COMPLETED
 - 2 REMOVE NUTS FROM CONNECTOR J1, BACK OUT CONNECTOR, INSTALL INFORMATION PLATE 35082 REPLACE CONNECTOR ON CHASSIS THEN INSTALL TWO TERMINAL STRIPS SO184-0003 AS SHOWN USING CONNECTOR MTG SCREWS, REINSTALL NUTS
 - 3 INSTALL CAPACITORS AND CHOKES AS SHOWN IN WIRING AND SCHEMATIC DIAGRAMS
 - 4 UNSOLDER WIRES FROM J2-C AND J3-K AND RESOLDER TO NEW LOCATIONS AS SHOWN
 - 5 CONTACTING SURFACES BETWEEN COMPUTER AND SHELF MUST BE CLEAN AND FREE OF CONTAMINANTS IN ORDER TO MAKE POSITIVE ELECTRICAL CONTACT

CONTRACT NO.		NAME		DATE	TITLE	
		LAURIE		6-5-68	WIRING DIAGRAM -	
DESIGN GROUP		Y. W. W.		6-5-68	NAV-O-MATIC 400 SYSTEM	
DRAWN		YOUNGERS		5-27-68	(OPT)	
CHECK		G. D. VAN		6-4-68		
STRESS		G. M. P.		6-5-68		
PROJECT		J. L. L.		6-6-68		
APPD		S. N. A. T. Y.		6-4-68		
SIZE		C		71379	1570000	
CODE IDENT.		NONE		337	PAGE: 14.4.7	
SCALE		NONE		337		

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

PART NO.	DESCRIPTION
EQUIPMENT TABLE	
CES1000	IS APPLICABLE
VENDOR CODES PER S4400	
CESXXXX-CESNA SPEC. NO.	
S-XXX OR C-XXXX-CESNA	
STD. NO.	

NOTES:

- ALL CONNECTORS ARE VENDOR SUPPLIED
IN KIT NO. 38411
- GROUND AS CLOSE TO ACTUATOR UNIT AS
POSSIBLE
- LIGHT DIMMING WIRE CONNECTS TO FLOODLIGHT DIM
RHEOSTAT WITH STOP LIGHTING WHEN OPT. POSITIONING
IS INSTALLED, CONNECT TO FLIGHT INSTR. & RADIO DIAL
LIGHT DIMMING RHEOSTAT

REVISION

LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD 0570084-2, 5-1838-2, 5-1838-1, 1570041-6, 1570041-5, 1570041-19 & 1570041-18; DELETE NOTE 3 ED&RR 10797 SER (SR 5751)	10/11/68	J.O.R. (J.O.R. 10/11/68)

23	1570041-18	CABLE ASSY	
22	1570041-19	CABLE ASSY	
21	1570041-5	CABLE ASSY	
20	1570041-6	CABLE ASSY	
19	5-1838-2	HOUSING	
18	5-1838-1	HOUSING	
17	5-1360-5	CIRCUIT BREAKER	
16	0570084-2	JCT BOX ASSY	
15	50328-0002	PLUG	(00T81)
14	35060-0008	RATE GYRO	(00T81)
13	28460-0000	PLUG	(00T81)
12	5-1641-6	HOUSING-SOCKET	
11	5-1640-6	HOUSING-PIN	
10	38423-0001	PLUG	(00T81)
9	35070-1028	ROLL ACTUATOR	(00T81)
8	28326-0005	PLUG	(00T81)
7	30370-0100	DG	(00T81)
6	29410-0000	PLUG	(00T81)
5	28900-0000	OMNI COUPLER	(00T81)
4	28336-0000	PLUG	(00T81)
3	28371-0005	PLUG	(00T81)
2	28371-0009	PLUG	(00T81)
1	35660-1028	CONTROLLER AMPL	(00T81)
		PART NO.	
		DESCRIPTION	
		EQUIPMENT TABLE	
		SUPERSEDES:	PIA 3.1 & PIA 3.2
		SUPERSEDED BY:	

WHT/TAN(1)	22	-22-9-10	SOLDER	SOLDER
WHT/RED(2)	22	-22-9-2		
WHT/RED(1)	22	-22-9-2		
WHT/YEL(2)	22	-22-9-4		
WHT/YEL(1)	22	-22-9-4		
WHT/GRN(2)	22	-22-9-5		
WHT/GRN(1)	22	-22-9-5		
TAN/WHT	22	-22-10-9		
TAN/BLU	22	-22-10-6		
BLU/RED	22	-22-6-2		
BLU/YEL	22	-22-6-4	SOLDER	
BLACK(2)	18	-18-0	5-1841-8	
BLU/BLK	22	-22-6-0	SOLDER	
BLU/TAN	22	-22-6-10		
BLU/RED	22	-22-6-2		
BLU/YEL	22	-22-6-4		
BLU/GRN	22	-22-6-5		
GRY/GRN	22	-22-8-5		
GRY/RED	22	-22-8-2		
YELLOW	20	-20-4		
GREEN	20	-20-5		
GRY/YEL	22	-22-8-4		
BLU/WHT	22	-22-6-9		
GRY/BLU	22	-22-8-6		
BLUE	22	-22-6		
YEL/TAN	20	-20-4-10		
YEL/RED	20	-20-4-2	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	SERIALS

WIRE TABLE

CONTRACT NO:		NAME		DATE
		LAURIE		5-29-68
DESIGN	GROUP	DRAWN		
YOUNGERS	YOUNGERS	CHECK		
YOUNGERS	YOUNGERS	STRESS		
YOUNGERS	YOUNGERS	PROJECT		
YOUNGERS	YOUNGERS	APPD		
TITLE		SIZE		
WIRING DIAGRAM -		C 71379		
CESSNA 300 NAV-O-MATIC		CODE IDENT.		
AUTOPILOT (24 VOLT)		1570000		
COMMERCIAL AIRCRAFT DIV.		SCALE: NONE		
5807 E. PAWNEE		PAGE: 4.7.0		
WICHITA, KANSAS		ED&RR 02325 (SR5751)		

FORM NO 80-215A

LET	DESCRIPTION	DATE	APPD
A	BY REV: PAGE 14.10.3: ADD DETAIL 'A'. ADD RED/GRN(1), GRN(2), RED/GRN(8) & (9) PAGE 14.10.4: ADD DETAIL 'A'. ADD RED/BLU(10) RED/WHI(6) GRN/TAN(5), BLACK(14) ADD PG 14.10.6 ED & RR 10146	8-25-70	WJW JEF

NOTES:

NO PIN TO BE INSTALLED IN PLUG. ALL OTHER PINS MUST BE INSTALLED TO PREVENT INTERCHANGE OF PG & P7

ALL WIRE LENGTHS NOT SHOWN SHALL BE DEVELOPED ON FIRST INSTALLATION

TERMINAL IS 329636 (00719)

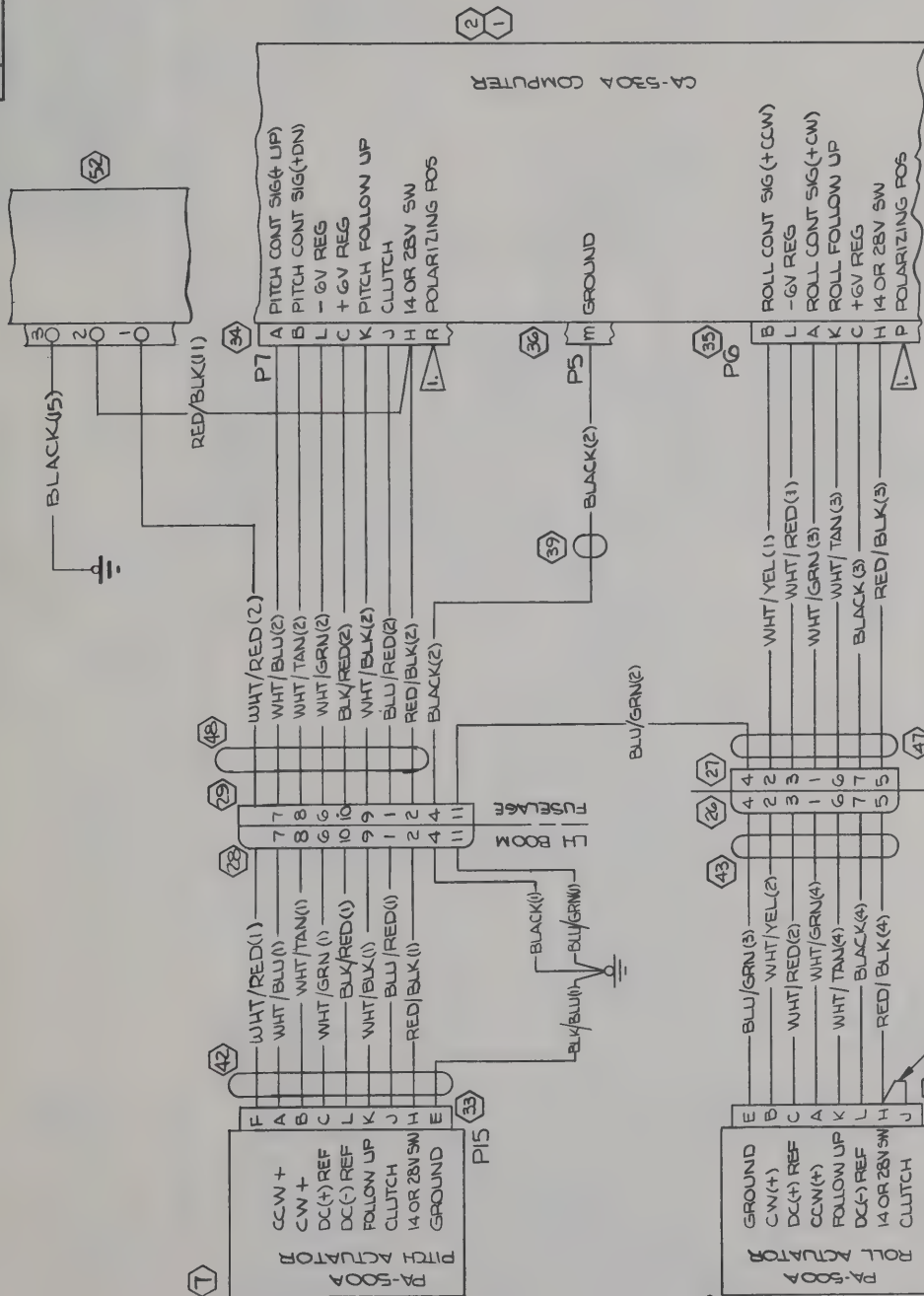
PINS ARE CRIMP TYPE AND FURNISHED BY VENDOR (00781) WITH CONNECTORS

USE 37580-1038 PITCH TRIM SENSOR THEN SER 33701834. USE 37580-0014 PITCH TRIM SENSOR SER 33701335 & ON.

RED/GRN(2)	20	-20-2-5	SOLDER 5-1636-1	25	5-1641-6	HOUSING-SOCKET
BLU/WHI(1)	22	-22-6-9	4	24	5-1838-1	HOUSING-CONTACT
BLU/YEL(1)	22	-22-6-4	4	23	5-1637-2	HOUSING-PLUG
BLU/TAN(1)	22	-22-6-10	4	22	5-1637-1	HOUSING-CAP
BLU/RED(1)	22	-22-6-2	4	21	1570001-724	JCT BOX INSTL
BLU/RED(2)	22	-22-6-2	5-1636-1	20	1570009-8	BUS BAR ASSY
BLU/RED(3)	22	-22-6-2	5-1636-1	19	5-171	TERMINAL BLOCK
BLU/GRN(1)	22	-22-6-5	4	18	5-1360-5	CIRCUIT BREAKER
BLU/GRN(2)	22	-22-6-5	5-1636-1	17	5-1360-5	CIRCUIT BREAKER
BLU/GRN(3)	22	-22-6-5	5-1636-1	16	5-1813-1	RELAY
WHI/YEL(1)	22	-22-9-4	4	15	T-20057	SWITCH-DISENGAGE
WHI/YEL(2)	22	-22-9-4	4	14	5-1695-2	SWITCH-DISENGAGE
WHI/GRN(1)	22	-22-9-5	5-1636-1	13	5-2030-1	SWITCH-ELEC TRIM
WHI/GRN(2)	22	-22-9-5	5-1636-1	12	4285	VOLTAGE REGULATOR
WHI/GRN(3)	22	-22-9-5	5-1636-1	11	38180-0100	SLAVED DIR GYRO
WHI/RED(1)	22	-22-9-2	5-1636-1	10	30370-0100	DIRECTIONAL GYRO
WHI/RED(2)	22	-22-9-2	5-1636-1	9	37570-0001	ATTITUDE GYRO
WHI/RED(3)	22	-22-9-2	5-1636-1	8	37580-1038	PITCH TRIM SENSOR
WHI/BLU(1)	22	-22-9-6	5-1636-1	7	40280-0028	TRIM ACTUATOR
WHI/RED(5)	22	-22-6-2	4	6	35070-0128	PITCH ACTUATOR
WHI/TAN(1)	22	-22-9-10	5-1636-1	5	35070-0028	ROLL ACTUATOR
WHI/TAN(2)	22	-22-9-10	5-1636-1	4	40450-0000	HEADING SELECTOR
WHI/TAN(3)	22	-22-9-10	5-1636-1	3	37960-1028	CONTROLLER
WHI/TAN(4)	22	-22-9-10	5-1636-1	2	37970-0028	COMPUTER AMPL
WHI/TAN(5)	22	-22-9-10	5-1636-1	1	37970-0128	COMPUTER AMPL
WHI/TAN(6)	22	-22-9-10	5-1636-1			
WHI/TAN(7)	22	-22-9-10	5-1636-1			
WHI/TAN(8)	22	-22-9-10	5-1636-1			
WHI/TAN(9)	22	-22-9-10	5-1636-1			
WHI/TAN(10)	22	-22-9-10	5-1636-1			
WHI/TAN(11)	22	-22-9-10	5-1636-1			
WHI/TAN(12)	22	-22-9-10	5-1636-1			
WHI/TAN(13)	22	-22-9-10	5-1636-1			
WHI/TAN(14)	22	-22-9-10	5-1636-1			
WHI/TAN(15)	22	-22-9-10	5-1636-1			
WHI/TAN(16)	22	-22-9-10	5-1636-1			
WHI/TAN(17)	22	-22-9-10	5-1636-1			
WHI/TAN(18)	22	-22-9-10	5-1636-1			
WHI/TAN(19)	22	-22-9-10	5-1636-1			
WHI/TAN(20)	22	-22-9-10	5-1636-1			
WHI/TAN(21)	22	-22-9-10	5-1636-1			
WHI/TAN(22)	22	-22-9-10	5-1636-1			
WHI/TAN(23)	22	-22-9-10	5-1636-1			
WHI/TAN(24)	22	-22-9-10	5-1636-1			
WHI/TAN(25)	22	-22-9-10	5-1636-1			
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WHI/TAN(27)	22	-22-9-10	5-1636-1			
WHI/TAN(28)	22	-22-9-10	5-1636-1			
WHI/TAN(29)	22	-22-9-10	5-1636-1			
WHI/TAN(30)	22	-22-9-10	5-1636-1			
WHI/TAN(31)	22	-22-9-10	5-1636-1			
WHI/TAN(32)	22	-22-9-10	5-1636-1			
WHI/TAN(33)	22	-22-9-10	5-1636-1			
WHI/TAN(34)	22	-22-9-10	5-1636-1			
WHI/TAN(35)	22	-22-9-10	5-1636-1			
WHI/TAN(36)	22	-22-9-10	5-1636-1			
WHI/TAN(37)	22	-22-9-10	5-1636-1			
WHI/TAN(38)	22	-22-9-10	5-1636-1			
WHI/TAN(39)	22	-22-9-10	5-1636-1			
WHI/TAN(40)	22	-22-9-10	5-1636-1			
WHI/TAN(41)	22	-22-9-10	5-1636-1			
WHI/TAN(42)	22	-22-9-10	5-1636-1			
WHI/TAN(43)	22	-22-9-10	5-1636-1			
WHI/TAN(44)	22	-22-9-10	5-1636-1			
WHI/TAN(45)	22	-22-9-10	5-1636-1			
WHI/TAN(46)	22	-22-9-10	5-1636-1			
WHI/TAN(47)	22	-22-9-10	5-1636-1			
WHI/TAN(48)	22	-22-9-10	5-1636-1			
WHI/TAN(49)	22	-22-9-10	5-1636-1			
WHI/TAN(50)	22	-22-9-10	5-1636-1			
WHI/TAN(51)	22	-22-9-10	5-1636-1			
WHI/TAN(52)	22	-22-9-10	5-1636-1			
WHI/TAN(53)	22	-22-9-10	5-1636-1			
WHI/TAN(54)	22	-22-9-10	5-1636-1			
WHI/TAN(55)	22	-22-9-10	5-1636-1			
WHI/TAN(56)	22	-22-9-10	5-1636-1			
WHI/TAN(57)	22	-22-9-10	5-1636-1			
WHI/TAN(58)	22	-22-9-10	5-1636-1			
WHI/TAN(59)	22	-22-9-10	5-1636-1			
WHI/TAN(60)	22	-22-9-10	5-1636-1			
WHI/TAN(61)	22	-22-9-10	5-1636-1			
WHI/TAN(62)	22	-22-9-10	5-1636-1			
WHI/TAN(63)	22	-22-9-10	5-1636-1			
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WHI/TAN(71)	22	-22-9-10	5-1636-1			
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WHI/TAN(80)	22	-22-9-10	5-1636-1			
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WHI/TAN(95)	22	-22-9-10	5-1636-1			
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WHI/TAN(112)	22	-22-9-10	5-1636-1			
WHI/TAN(113)	22	-22-9-10	5-1636-1			
WHI/TAN(114)	22	-22-9-10	5-1636-1			
WHI/TAN(115)	22	-22-9-10	5-1636-1			
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WHI/TAN(118)	22	-22-9-10	5-1636-1			
WHI/TAN(119)	22	-22-9-10	5-1636-1			
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WHI/TAN(121)	22	-22-9-10	5-1636-1			
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WHI/TAN(128)	22	-22-9-10	5-1636-1			
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WHI/TAN(161)	22	-22-9-10	5-1636-1			
WHI/TAN(162)	22	-22-9-10	5-1636-1			
WHI/TAN(163)	22	-22-9-10	5-1636-1			
WHI/TAN(164)	22	-22-9-10	5-1636-1			
WHI/TAN(165)	22	-22-9-10	5-1636-1			
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WHI/TAN(167)	22	-22-9-10	5-1636-1			
WHI/TAN(168)	22	-22-9-10	5-1636-1			
WHI/TAN(169)	22	-22-9-10	5-1636-1			
WHI/TAN(170)	22	-22-9-10	5-1636-1			
WHI/TAN(171)						

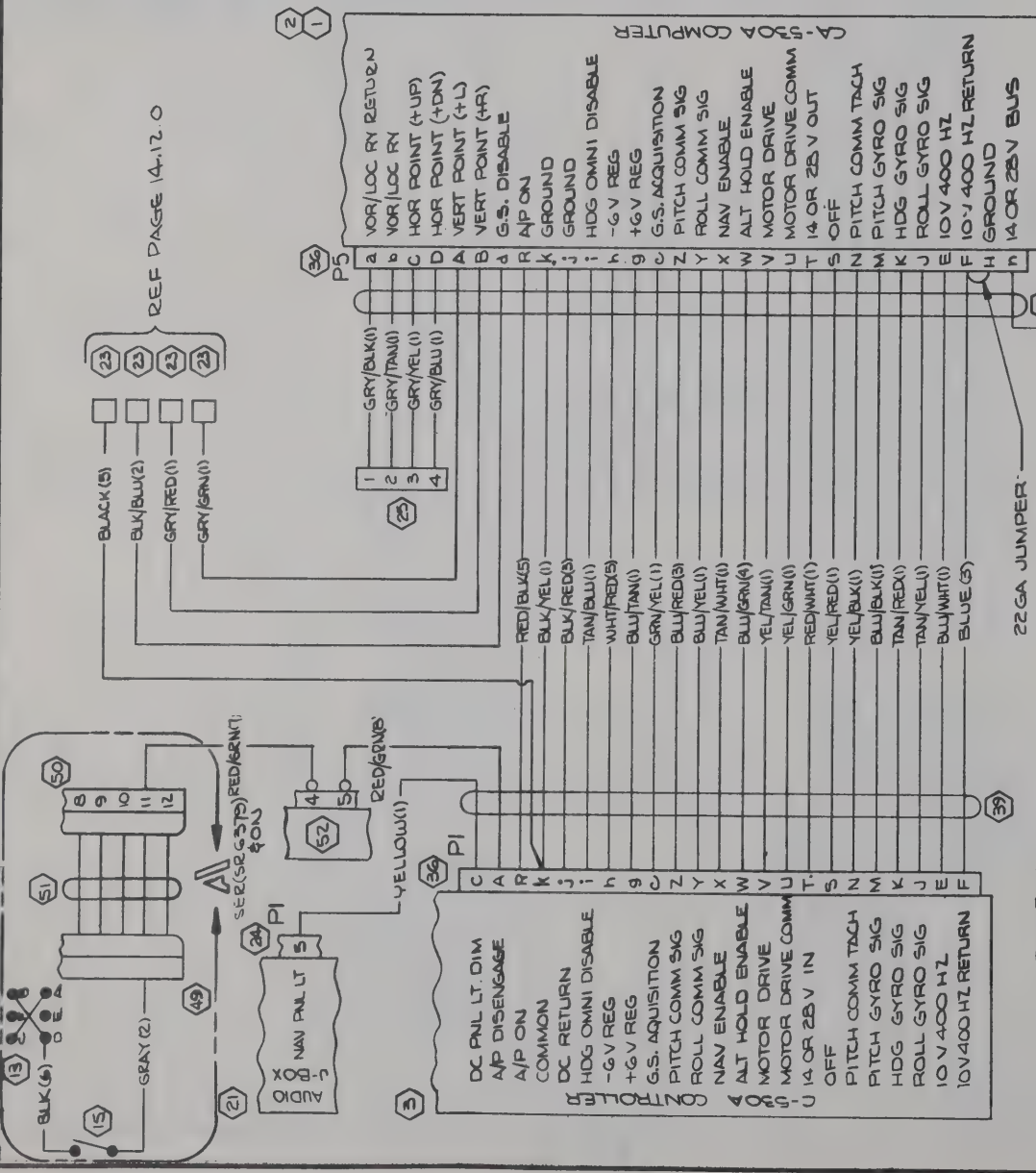
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REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



CONTRACT NO:		NAME	DATE
		H. W. DEN	5-12-70
DESIGN		TITLE	
GROUP		WIRING DIAGRAM -	
DRAWN		AUTOPILOT,	
CHECK		NAV-O-MATIC 400A	
STRESS		SIZE	DWG NO.
PROJECT		C	1570000
APPD		SCALE: NONE	357 & F337
		PAGE: 14.10.2	

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



REF PAGE 14.12.0

DETAIL A

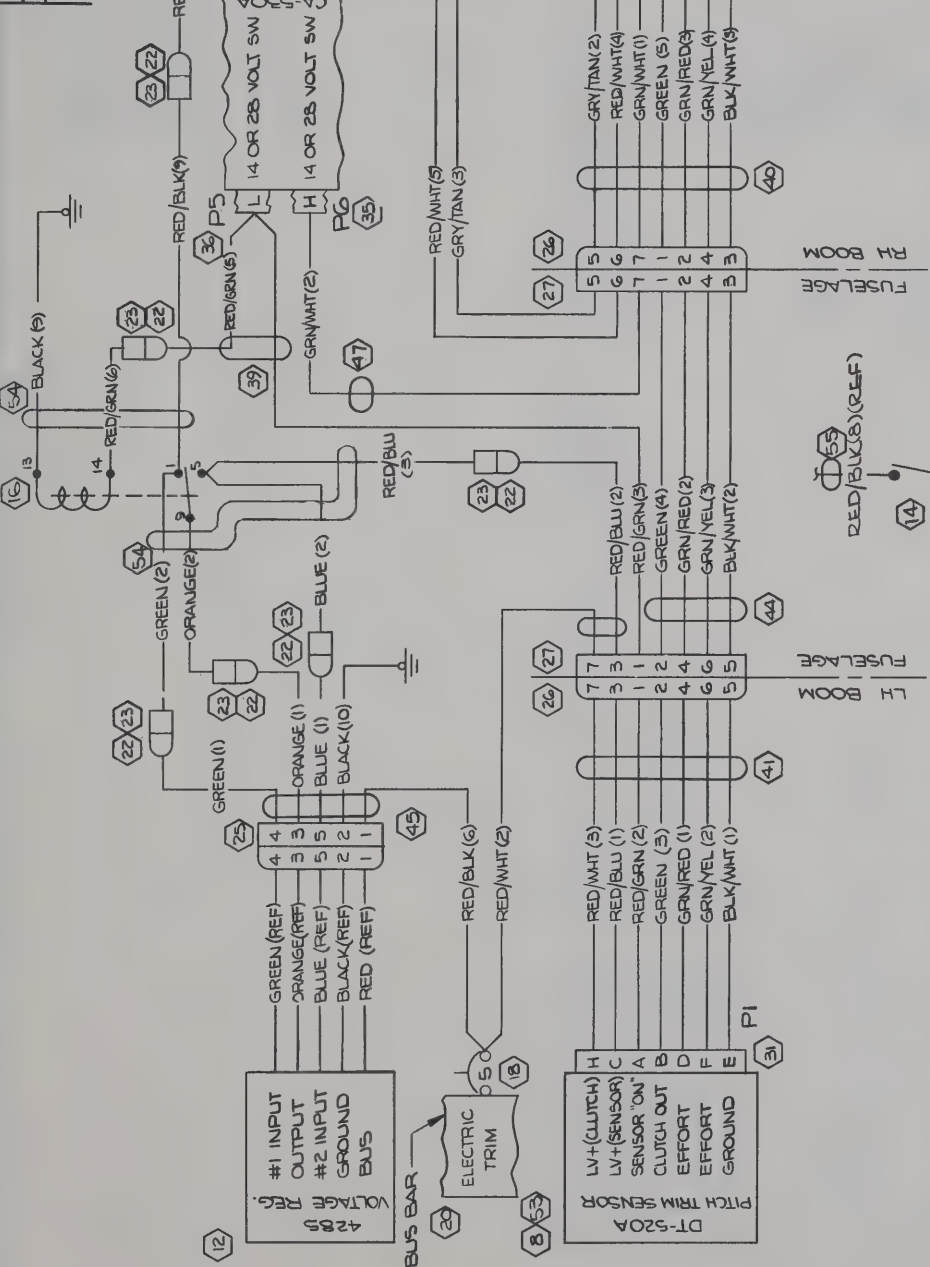
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EFF SER 733701123 THRU SER 733701316

INACTIVE
EFF. THRU SER (SRG773)
NEW WHH 3-27-72

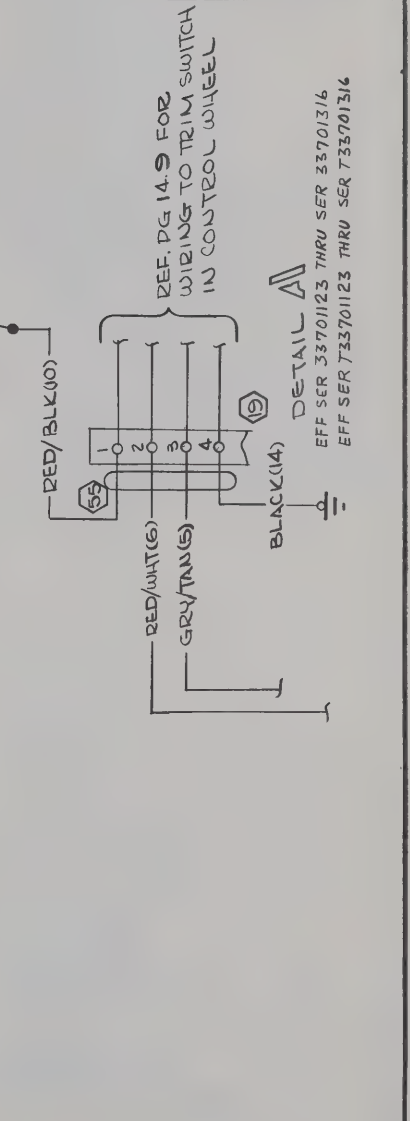
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GROUP	H. W. W.	5-12-70	
DRAWN	M. M. M.	5-11-70	
CHECK	C. C. C.	5-11-70	
STRESS			
PROJECT	91-1-1-1	5-11-70	
APPRO	H. W. W.	5-11-70	

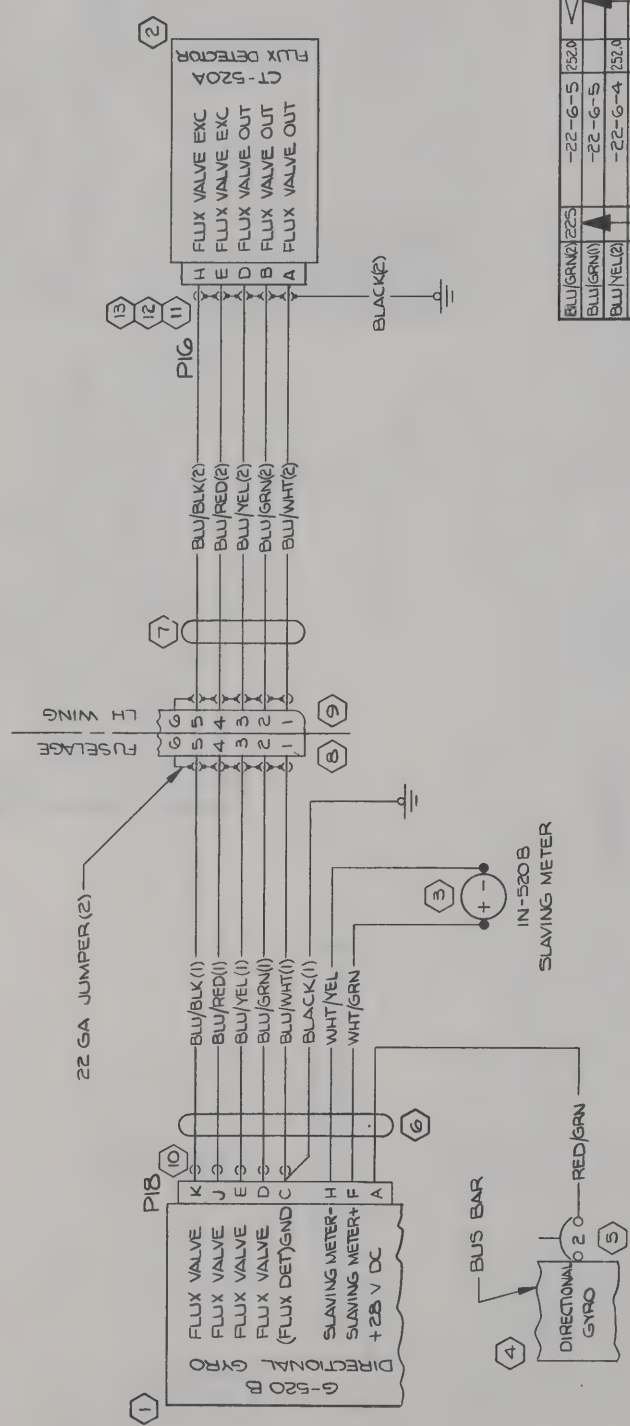
Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE WIRING DIAGRAM - AUTOPILOT, NAV-O-MATIC 400 A			
SIZE	CODE IDENT.	DWG NO.	
C	71379	1570000	
SCALE:	NONE	337 & F337	PAGE: 14.10.3

REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



CONTRACT NO.		NAME		DATE	TITLE	
		HARDEN		5-12-70	WIRING DIAGRAM -	
		GROUP		5-12-70	AUTOPILOT,	
		DRAWN		5-11-70	NAV-O-MATIC 400A	
		CHECK		5-11-70		
		STRESS				
		PROJECT		5-14-70	DWG NO.	
		APPD		5-11-70	C 71379	
					1570000	
					SCALE: NONE	
					337 & F337	
					PAGE: 14.10A	



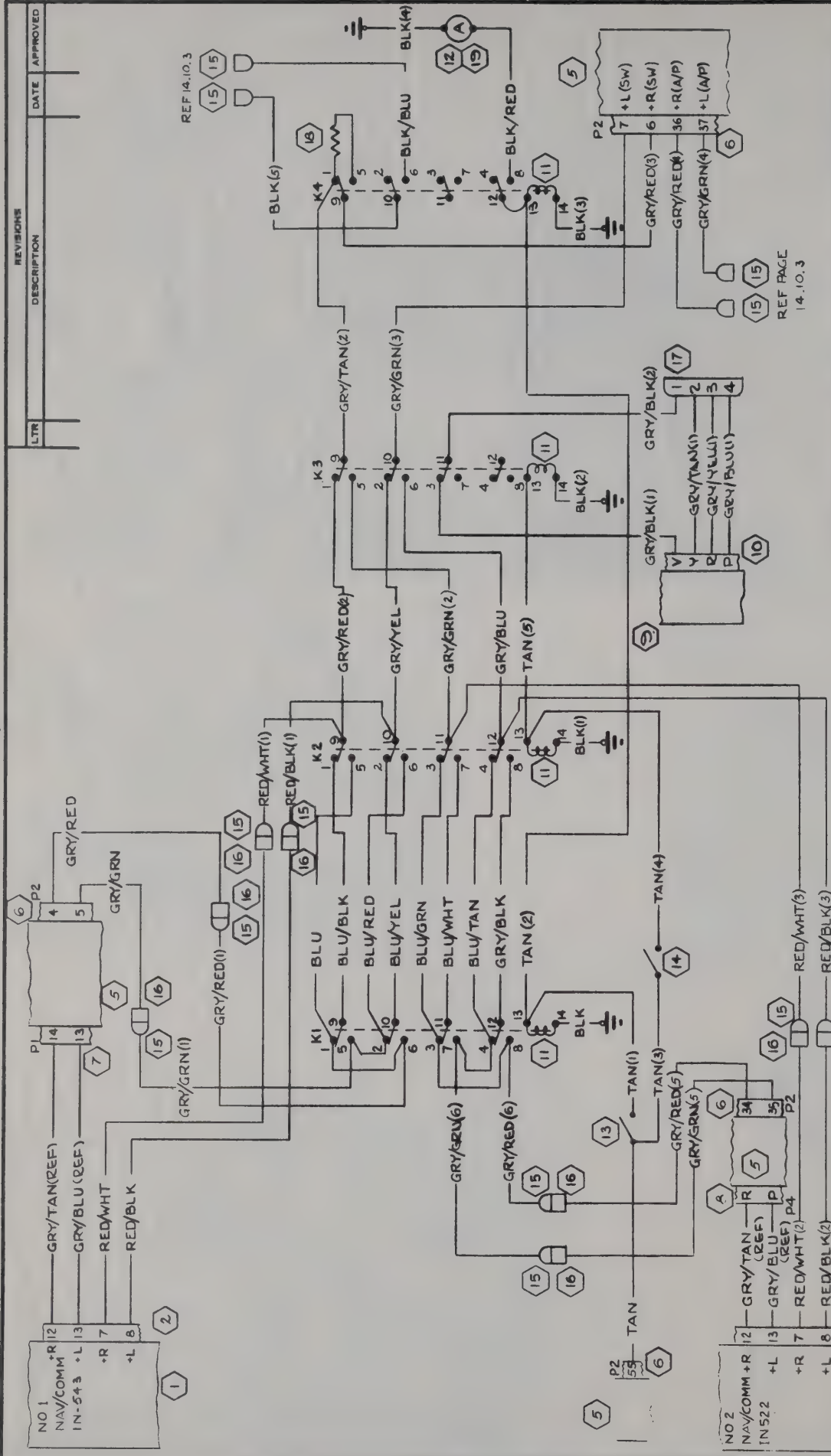


ITEM NO.	PART NO.	DESCRIPTION	VENDOR CODE
13	33878-0006	CONNECTOR	00781
12	33878-0004	CONNECTOR	00781
11	33877-0005	CONNECTOR	00781
10	28326-0009	HOUSING-PIN	00781
9	5-1640-9	CABLE ASSY	
8	5-1641-9	CABLE ASSY	
7	1570221-1	CIRCUIT BREAKER	
6	1570221-2	BUS BAR ASSY	
5	51360-2A	SLAVING METER	
4	1570009-8	FLUX DETECTOR	
3	38530-0000	SLAVED DIR GYRO	
2	38170-0000	FLUX DETECTOR	
1	38180-0100	SLAVED DIR GYRO	

- NOTES:
- PINS ARE CRIMP TYPE AND FURNISHED BY VENDOR(00781) WITH CONNECTORS
 - ALL WIRE LENGTHS NOT SHOWN SHALL BE DEVELOPED ON FIRST INSTALLATION

WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIAL S
1	22	WHT/GRN	22	22-6-2	S-1635-1
2	22	WHT/GRN	22	22-6-4	S-1636-1
3	22	WHT/GRN	22	22-6-5	S-1635-1
4	22	WHT/GRN	22	22-6-6	S-1636-1
5	22	WHT/GRN	22	22-6-7	S-1635-1
6	22	WHT/GRN	22	22-6-8	S-1636-1
7	22	WHT/GRN	22	22-6-9	S-1635-1
8	22	WHT/GRN	22	22-6-10	S-1636-1
9	22	WHT/GRN	22	22-6-11	S-1635-1
10	22	WHT/GRN	22	22-6-12	S-1636-1
11	22	WHT/GRN	22	22-6-13	S-1635-1
12	22	WHT/GRN	22	22-6-14	S-1636-1
13	22	WHT/GRN	22	22-6-15	S-1635-1
14	22	WHT/GRN	22	22-6-16	S-1636-1
15	22	WHT/GRN	22	22-6-17	S-1635-1
16	22	WHT/GRN	22	22-6-18	S-1636-1
17	22	WHT/GRN	22	22-6-19	S-1635-1
18	22	WHT/GRN	22	22-6-20	S-1636-1
19	22	WHT/GRN	22	22-6-21	S-1635-1
20	22	WHT/GRN	22	22-6-22	S-1636-1
21	22	WHT/GRN	22	22-6-23	S-1635-1
22	22	WHT/GRN	22	22-6-24	S-1636-1
23	22	WHT/GRN	22	22-6-25	S-1635-1
24	22	WHT/GRN	22	22-6-26	S-1636-1
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26	22	WHT/GRN	22	22-6-28	S-1636-1
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REVISIONS		DATE	APPROVED
LTR	DESCRIPTION		



CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 3800 E. PARKWAY WICHITA, KANSAS	
DESIGN	ACKERSON 9-17-70	NAME	DATE	TITLE	
GROUP	H. W. W. 3-25-71	ACKERSON	9-17-70	INSTRUMENT LANDING	
DRAWN	ACKERSON 9-17-70	ACKERSON	9-17-70	SYSTEM, NAV-O-MATIC	
CHECK	ACKERSON 3-22-71	ACKERSON	3-22-71	400A (OPT)	
STRESS					
PROJECT					
APPD					
SIZE		CODE IDENT.		DWG NO.	
C		71379		1570000	
SCALE:		NONE		PAGE: 14, 12, 2	

INACTIVE: EFF SER.
33701317 THRU 33701398
4-4-72

REVISION		DATE	APPRO
LET	DESCRIPTION	DATE	APPRO
BRN	22 BELDEN 85568	SOLDER 51837-1	
WHT/BLK		51837-1	
WHT/RED		51635-1	
RED		51837-1	
BLK(3)			
WHT/BLK/GRN			
WHT/BLK/YEL			
GREEN		51837-1	
WHT/BLK/BLU		51635-1	
WHT/GRN		51837-1	
WHT/YEL			
WHT/GRN			
WHT/RED			
ORN(1)	22 BELDEN 85568	SOLDER 51837-1	
BLK/BLU	22 -22-0-6	SOLDER 51635-1	
BLK(2)	22 -22-0	SOLDER 51837-1	
BLK(1)	-22-0	SOLDER 51635-1	
GRN/GRN	-22-8-5	51837-1 51635-1	
GRY/RED(2)	-22-8-2	51837-1 51635-1	
GRY/RED(1)	-22-8-2	51837-1 SOLDER	
GRN/BLU	-22-8-6	SOLDER 51635-1	
GRN/YEL	-22-8-4	SOLDER 51635-1	
GRY/BLU(2)	-22-8-10	SOLDER 51635-1	
GRY/GRN(2)	-22-8-0	51636-1 SOLDER	
GRY/BLK(1)	-22-8-0	51636-1 51635-1	
TAN	-22-10	51636-1 SOLDER	
GRY/TAN(1)	22 -8-10	51636-1 SOLDER	
WIRE			
GA			
LG			
SERIALS			

CONTRACT NO:		NAME		DATE
DESIGN	HARDEN			3-2-72
GROUP	W. W. 140			3-25-72
DRAWN	HARDEN			3-2-72
CHECK	LK WHITE			3-27-72
STRESS				
PROJ	M. L. L. L.			3-27-72
APPD				
OTHER				

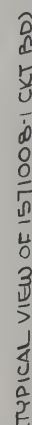
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WIRING DIAGRAM -		C	71379	1570000
INSTRUMENT LANDING SYSTEM,				
NAV-O-MATIC 400A(OPT)				

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PART NO.	DESCRIPTION	PAGE	14.12.1
13	1570227-21		
12	1570227-22		
11	5-2132-2		
10	1571008-1		
9	0570084-2		
8	51640-6		
7	36194		
6	36440-0000		
5	51367-2		
4	51367-1		
3	51838-1		
2	620021/2WAT		
1	51813-1		

EQUIPMENT TABLE		SUPERSEDES:	
PART NO.	DESCRIPTION	PAGE	14.12.1
13	1570227-21		
12	1570227-22		
11	5-2132-2		
10	1571008-1		
9	0570084-2		
8	51640-6		
7	36194		
6	36440-0000		
5	51367-2		
4	51367-1		
3	51838-1		
2	620021/2WAT		
1	51813-1		

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PART NO.	DESCRIPTION	PAGE	14.12.1
13	1570227-21		
12	1570227-22		
11	5-2132-2		
10	1571008-1		
9	0570084-2		
8	51640-6		
7	36194		
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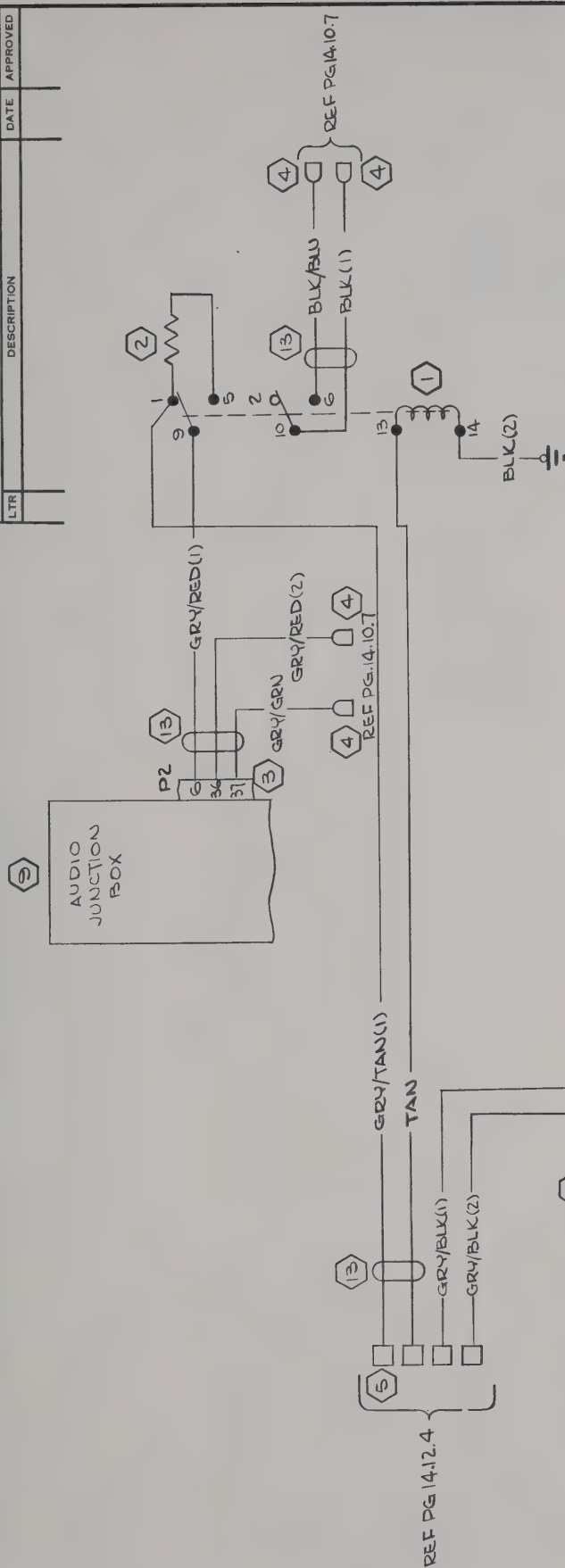
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13	1570227-21		
12			



REFER TO PAGE 14.12.5
FOR CONNECTIONS.

SCALE: NONE

REVISIONS		
LTR	DESCRIPTION	DATE



CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	YARDEN	NAME	YARDEN	DATE	3-8-72
GROUP	H. W. W.	NAME	H. W. W.	DATE	3-25-72
DRAWN	YARDEN	NAME	YARDEN	DATE	3-8-72
CHECK	W. C. WHITE	NAME	W. C. WHITE	DATE	3-27-72
STRESS		NAME		DATE	
PROJECT	gk h. w.	NAME	gk h. w.	DATE	3-28-72
APPD		NAME		DATE	
SCALE: NONE		C 71379		DWG NO. 1570000	
PAGE: 14.12.5		3374F337		(526773) REF	

SECTION VIII

 **NUMERICAL**  **INDEX**

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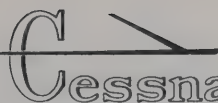
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S1838-2	4-3 -21
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S2131-1	4-4 -46
S2131-1	4-4 -49
S2131-1	4-4 -57
S2131-1	4-5 -116
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S2133-2	4-3 -44
S2133-2	4-3 -46
S2133-2	4-3 -53
S2133-2	4-3 -61
S2133-2	4-4 -32
S2133-2	4-4 -36
S2133-2	4-4 -38
S2133-2	4-4 -40
S2133-2	4-4 -42
S2133-2	4-4 -44
S2133-2	4-4 -46
S2133-2	4-4 -53
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S2133-2	4-5 -119
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S2133-25	4-2 -42
S2133-25	4-2 -44
S2133-25	4-2 -46
S2133-25	4-2 -52
S2133-25	4-2 -60
S2133-25	4-3 -32
S2133-25	4-3 -36
S2133-25	4-3 -38
S2133-25	4-3 -40
S2133-25	4-3 -42
S2133-25	4-3 -44
S2133-25	4-3 -46
S2133-25	4-3 -52
S2133-25	4-3 -60
S2133-25	4-4 -32
S2133-25	4-4 -36
S2133-25	4-4 -38
S2133-25	4-4 -40
S2133-25	4-4 -44
S2133-25	4-4 -46
S2133-25	4-4 -52
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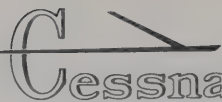
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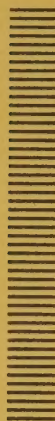
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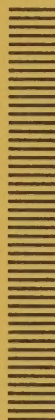
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