



MORE PEOPLE BUY AND
FLY CESSNA AIRPLANES
THAN ANY OTHER MAKE

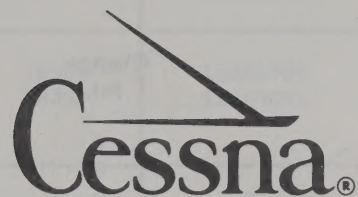
WORLD'S LARGEST PRO-
DUCER OF GENERAL
AVIATION AIRCRAFT
SINCE 1956

ELECTRONIC Installations

**FOR ALL MODEL
182, P206, 210 & 337
SERIES**

1969 & 1970

**SERVICE/
PARTS
MANUAL**



AIRCRAFT COMPANY

COMMERCIAL AIRCRAFT DIVISION

Wichita, Kansas

NOTE

This Electronics Service/Parts Manual describes electronic installations for all 1969 and on Models 182, A182, P206, TP206, 210, T210, 337, T337, F337 & FT337. 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.

ORIGINAL ISSUE



1 JANUARY 1970



LIST OF EFFECTIVE PAGES

Note: The portion of the text affected by the change is indicated by a vertical line in the outer margins of the page.

Dates of issue for original and changed pages are:

Original . . . 0 . . . 1 January 1970

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* 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	SERIALS ENDING
182 OR SKYLANE	1969 1970	182M 182N	18259306 18260056	18260055
A-182	*1967 **1968	A182K A182L	A182-0057 A182-0097	A182-0096
SUPER SKYLANE	1969 1970	P206D P206E	P206-0520 P20600604	P206-0603
TURBO SUPER SKYLANE	1969 1970	T206D T206E	P206-0520 P20600604	P206-0603
CENTURION	1969 1970	210J 210K	21059062 21059200	21059199
TURBO CENTURION	1969 1970	T210J T210K	210-0393 21059200	T210-0454
SUPER SKYMASTER	1969 1970	337D 337E	337-0979 33701194	337-1193
TURBO SUPER SKYMASTER	1969 1970	T337D T337E	337-0979 33701194	337-1193
REIMS/CESSNA SUPER SKYMASTER	1970	F337	F33700001	
REIMS/CESSNA TURBO SUPER SKYMASTER	1970	FT337	F33700001	

*1967 Models Manufactured in 1969 Model-Year.

**1968 Models Manufactured in 1970 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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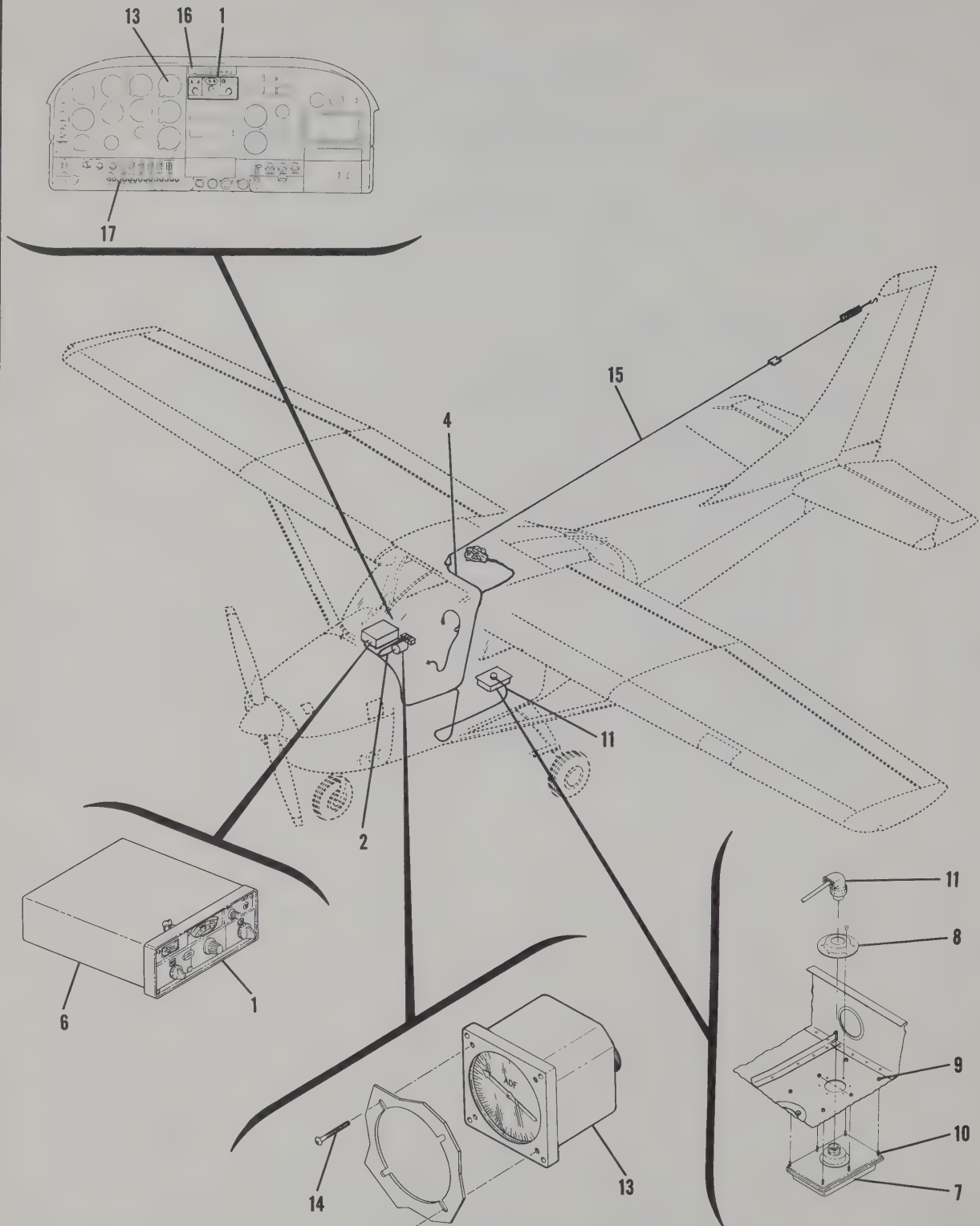
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CESSNA CRAFTED RADIO EQUIPMENT

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CESSNA 300 ADF RADIO INSTALLATION



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

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

CESSNA 300 ADF RADIO INSTALLATION

P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON

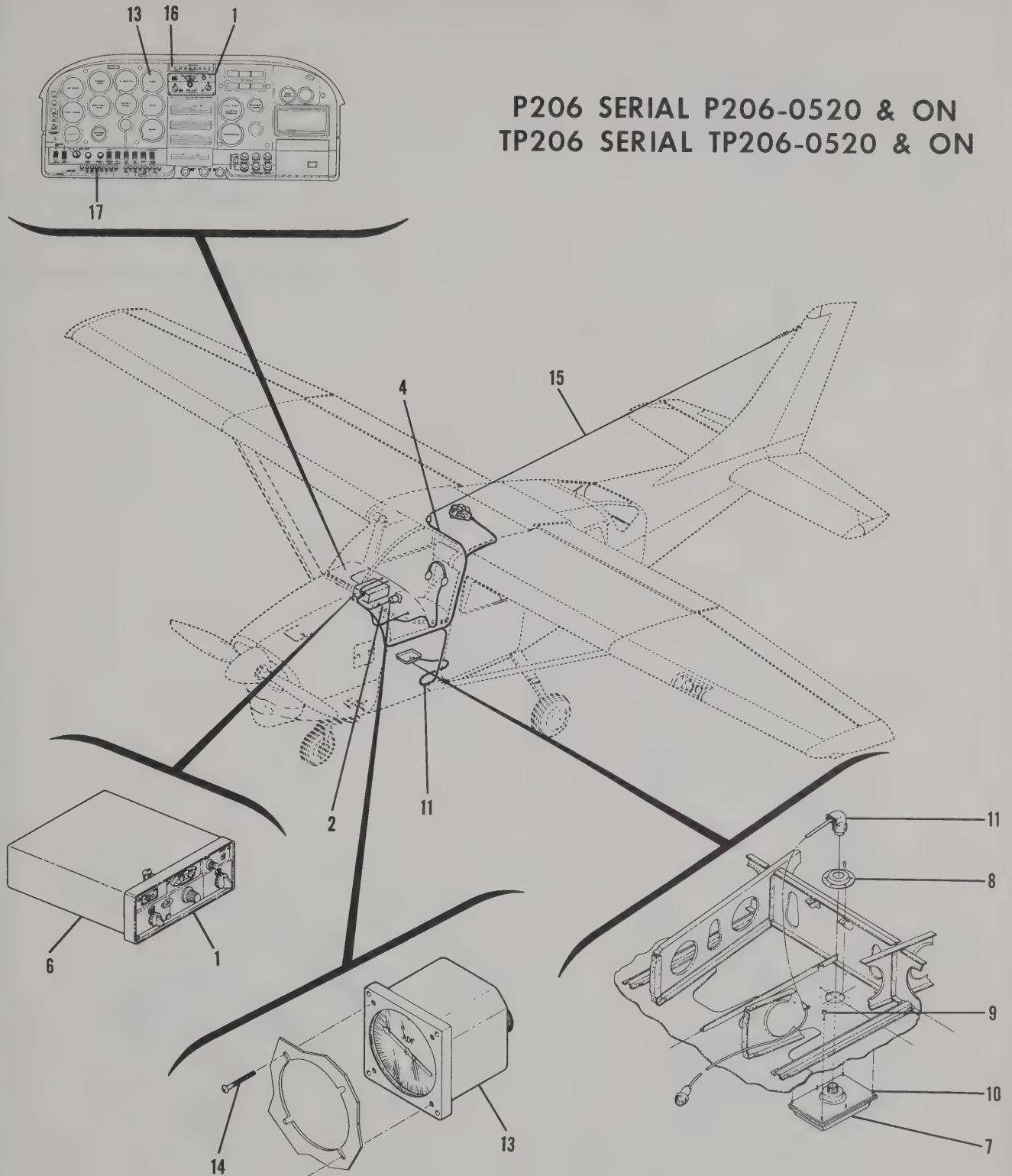
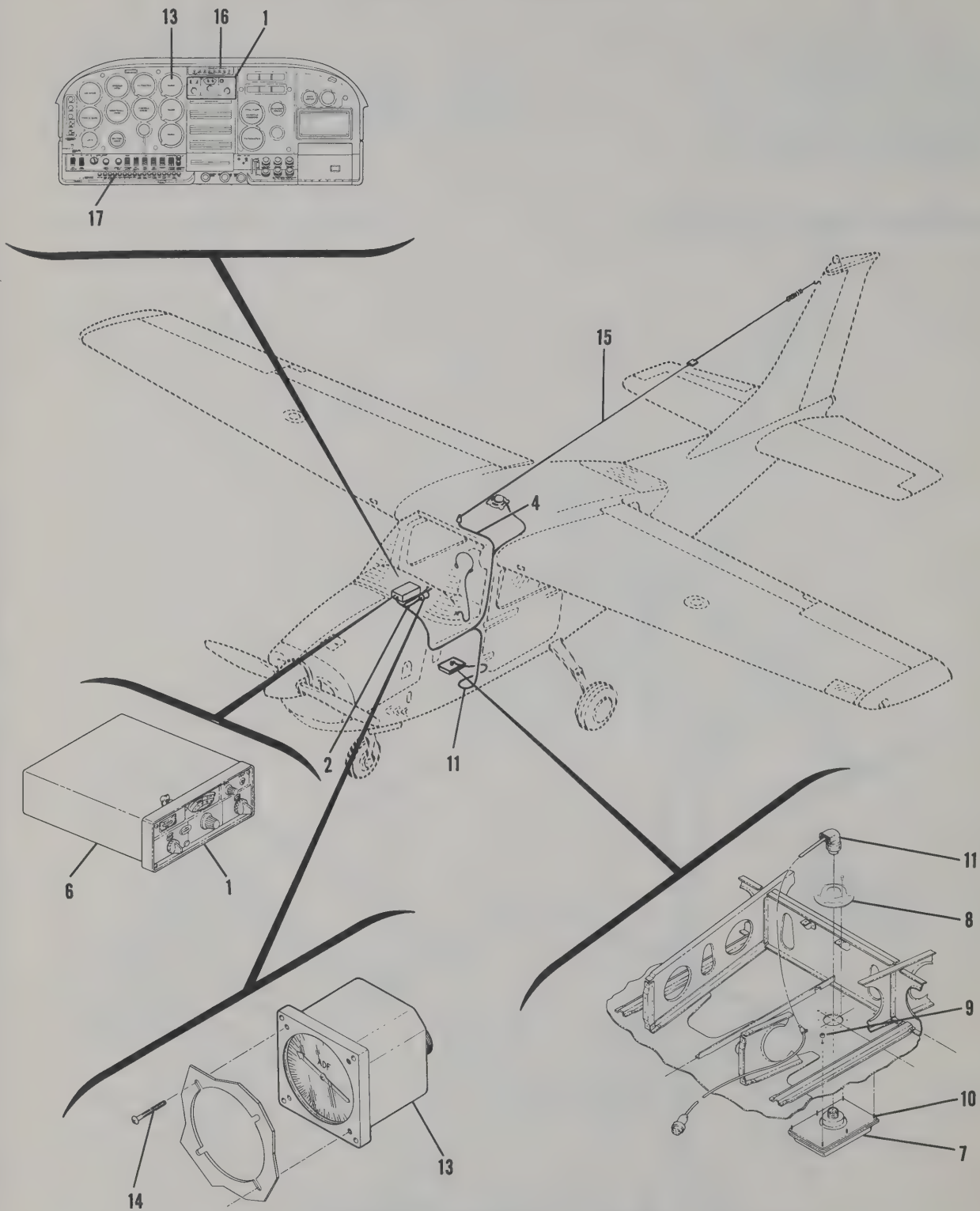


Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 2 of 5)

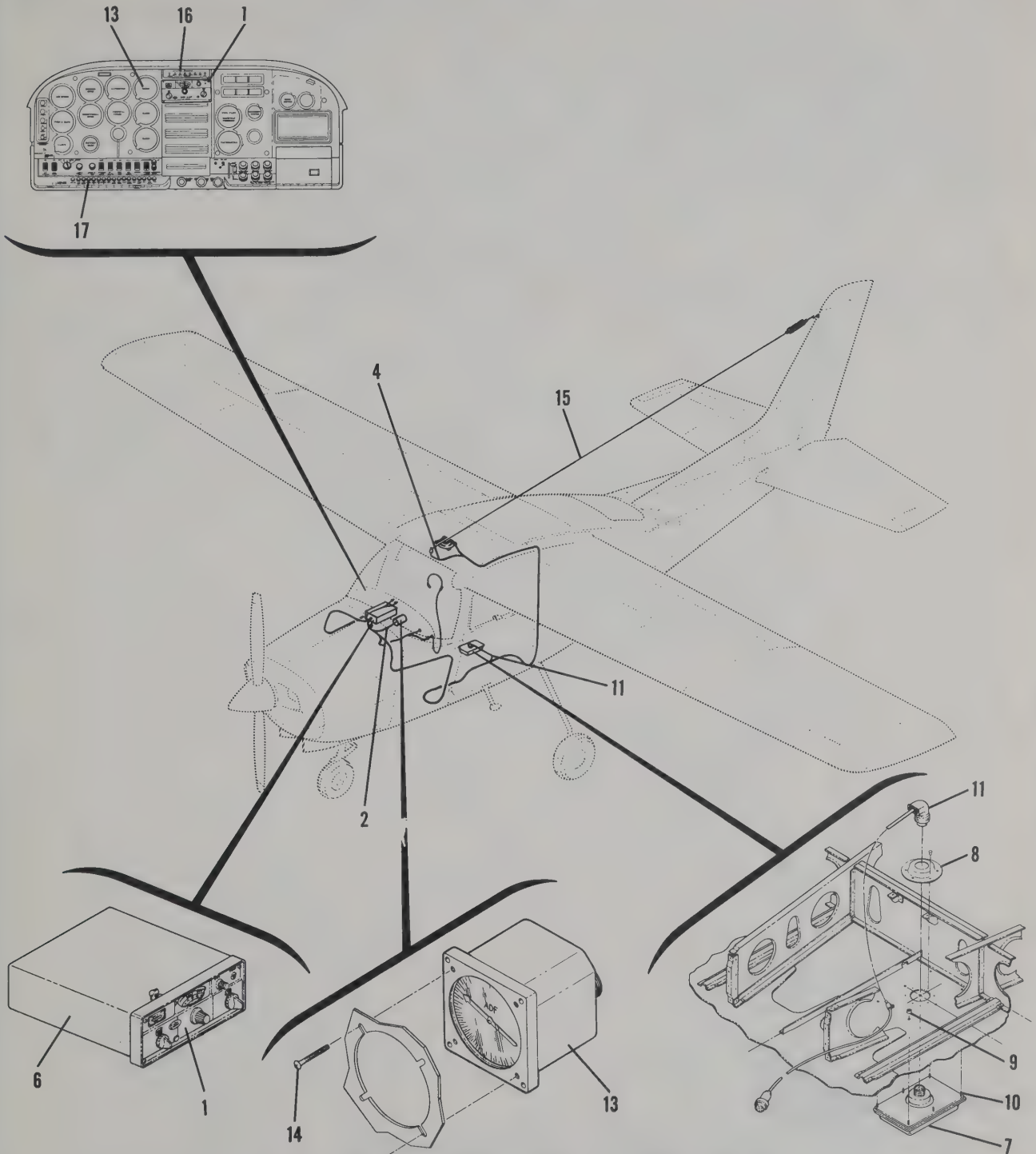
CESSNA 300 ADF RADIO INSTALLATION



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

Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 3 of 5)

CESSNA 300 ADF RADIO INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 4 of 5)

CESSNA 300 ADF RADIO INSTALLATION

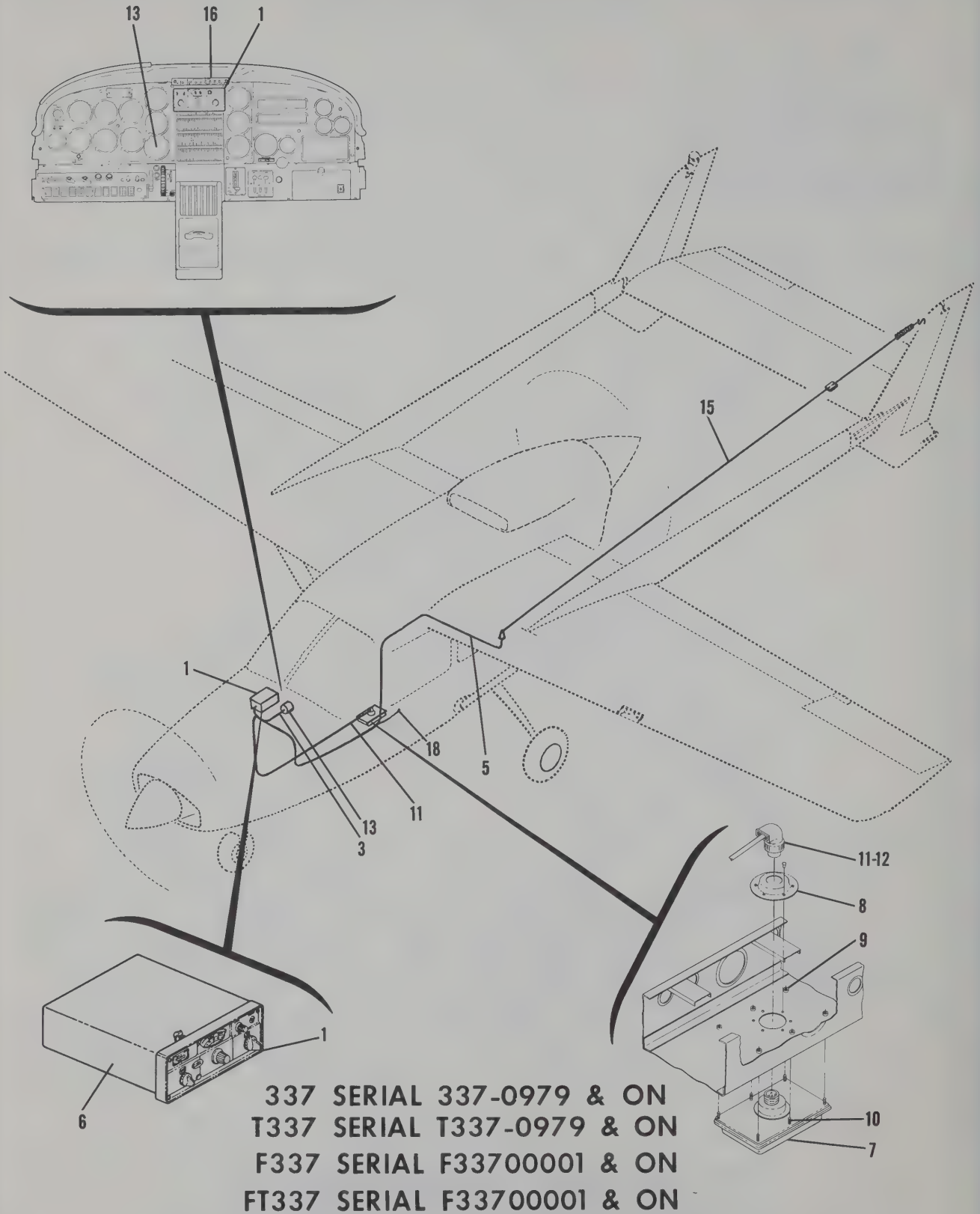
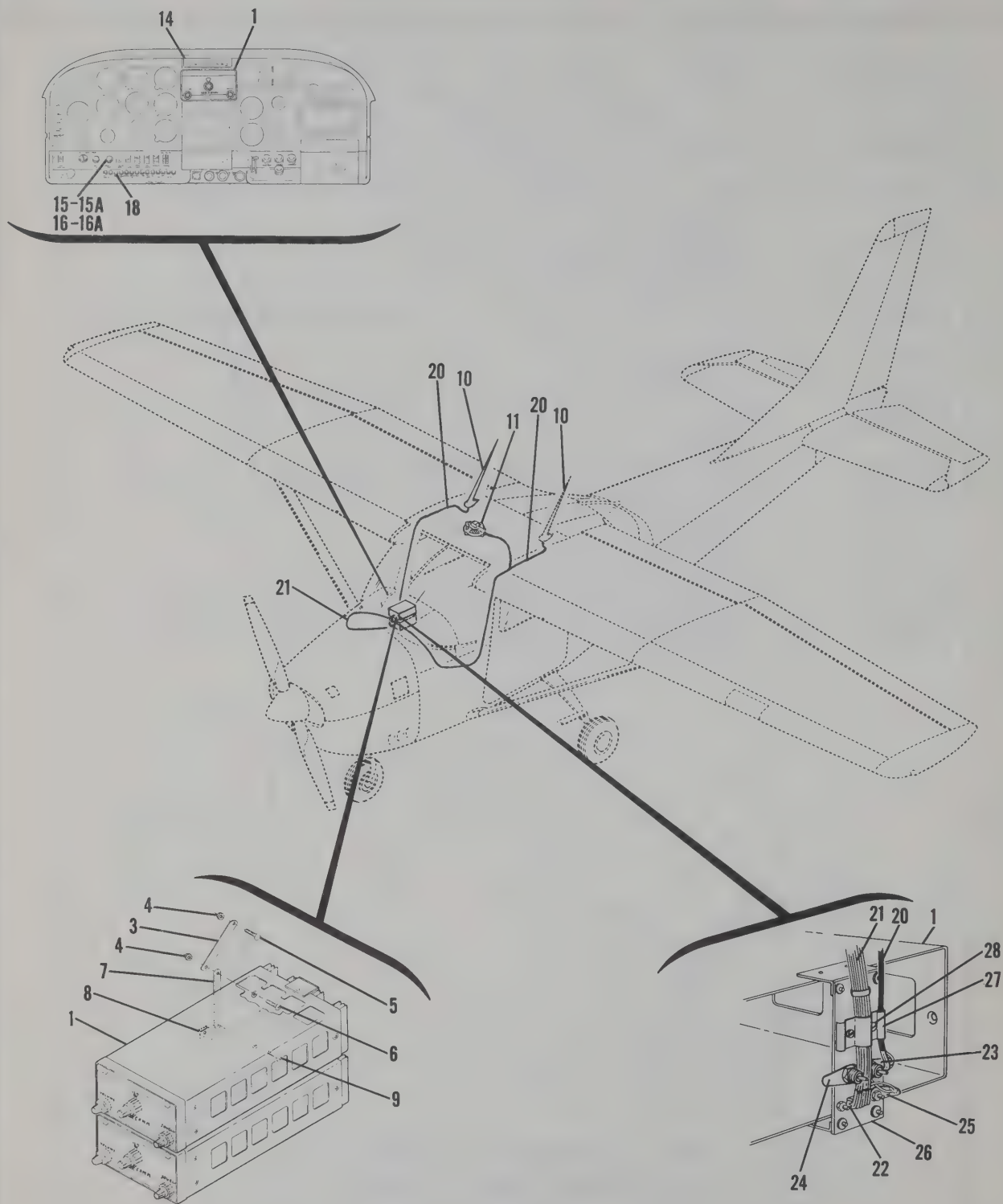


Figure 1-1. Cessna 300 ADF (Type R-521B) Radio Installation (Sheet 5 of 5)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-1-		CESSNA ADF 300 - TYPE R-521B - RADIO INSTALLATION ALL -----	NP	
		MODELS		
- 1	39300-1000	RECEIVER W/BFO ARC -----	1	
	35700-1000	RECEIVER WITHOUT BFO ARC -----	1	
- 2	32802-1014	MAIN CABLE ASSY - WITHOUT MOUNTING 14 -----	AR	
		VOLT AIRCRAFT ONLY ARC		
	A-263	CHOKE -----	1	
- 3	32802-1028	MAIN CABLE ASSY - WITHOUT MOUNTING -----	AR	
		28 VOLT AIRCRAFT ONLY ARC		
- 4	32800-1014	CABLE ASSY-9 FT SENSE ANT LEAD -----	AR	
		14 VOLT AIRCRAFT ONLY ARC		
	A-263	CHOKE -----	1	
- 5	32800-1128	CABLE ASSY-15 FT SENSE ANT LEAD -----	AR	
		28 VOLT AIRCRAFT ONLY ARC		
- 6	29277-0000	CABINET ASSY - MOUNTING LESS CABLE ARC -----	1	
		ATTACHING PARTS		
	S1022Z6-6	SCREW -----	4	
	NAS446-2-3	NUT -----	4	
		-----*		
- 7	32880-0100	LOOP ANTENNA ARC -----	1	
		ATTACHING PARTS		
- 8	1511005-1	SHIELD -----	1	
- 9	S1648-06-75	RIVNUT -----	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	AN515-B6R12	SCREW -----	4	
		-----*		
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
- 15	SEE FIG 3-6	ADF SENSE ANTENNA INSTALLATION -----	AR	
	SEE FIG 3-9	ANTI-PRECIPITATION ADF SENSE ANTENNA INSTALLATION -----	AR	
- 16	SEE FIG 4-1	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	AR	
- 17	S1360-5	CIRCUIT BREAKER ALL MODELS EXCEPT 337 & T337 -----	1	
- 18	S1360-2	CIRCUIT BREAKER 337 & T337 ONLY -----	1	

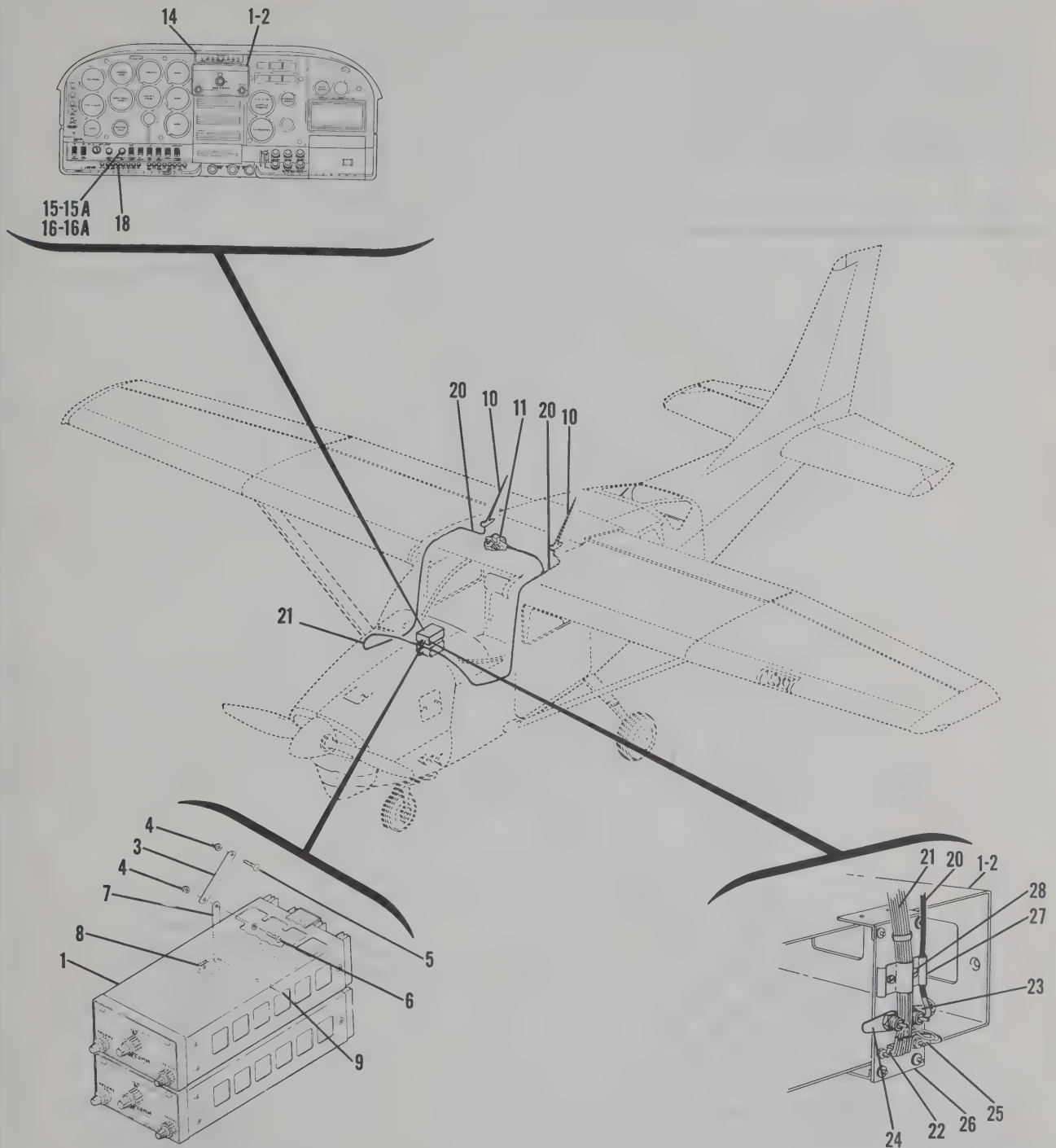
CESSNA 300 TRANSCEIVER RADIO INSTALLATION



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

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

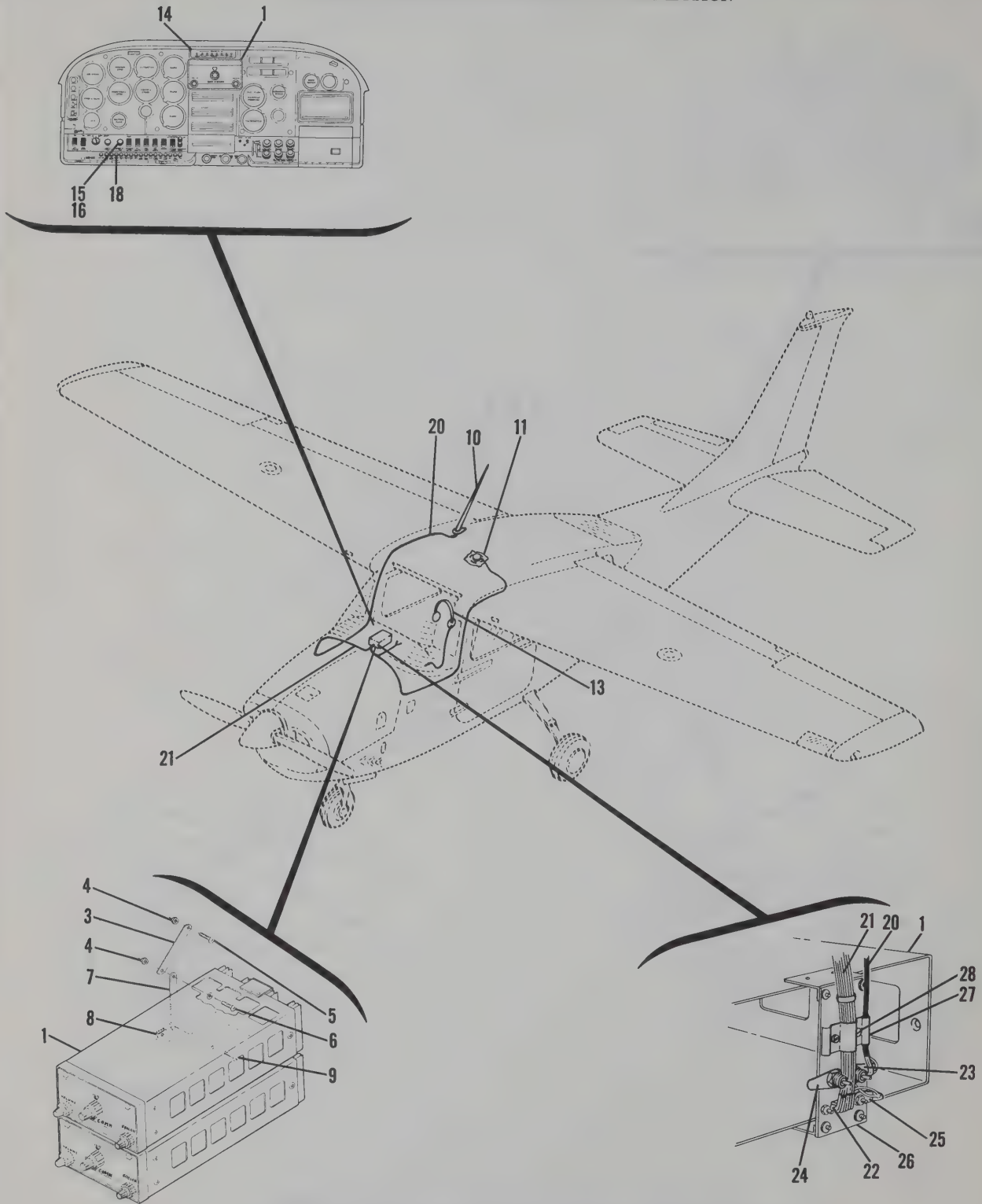
CESSNA 300 TRANSCEIVER RADIO INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

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

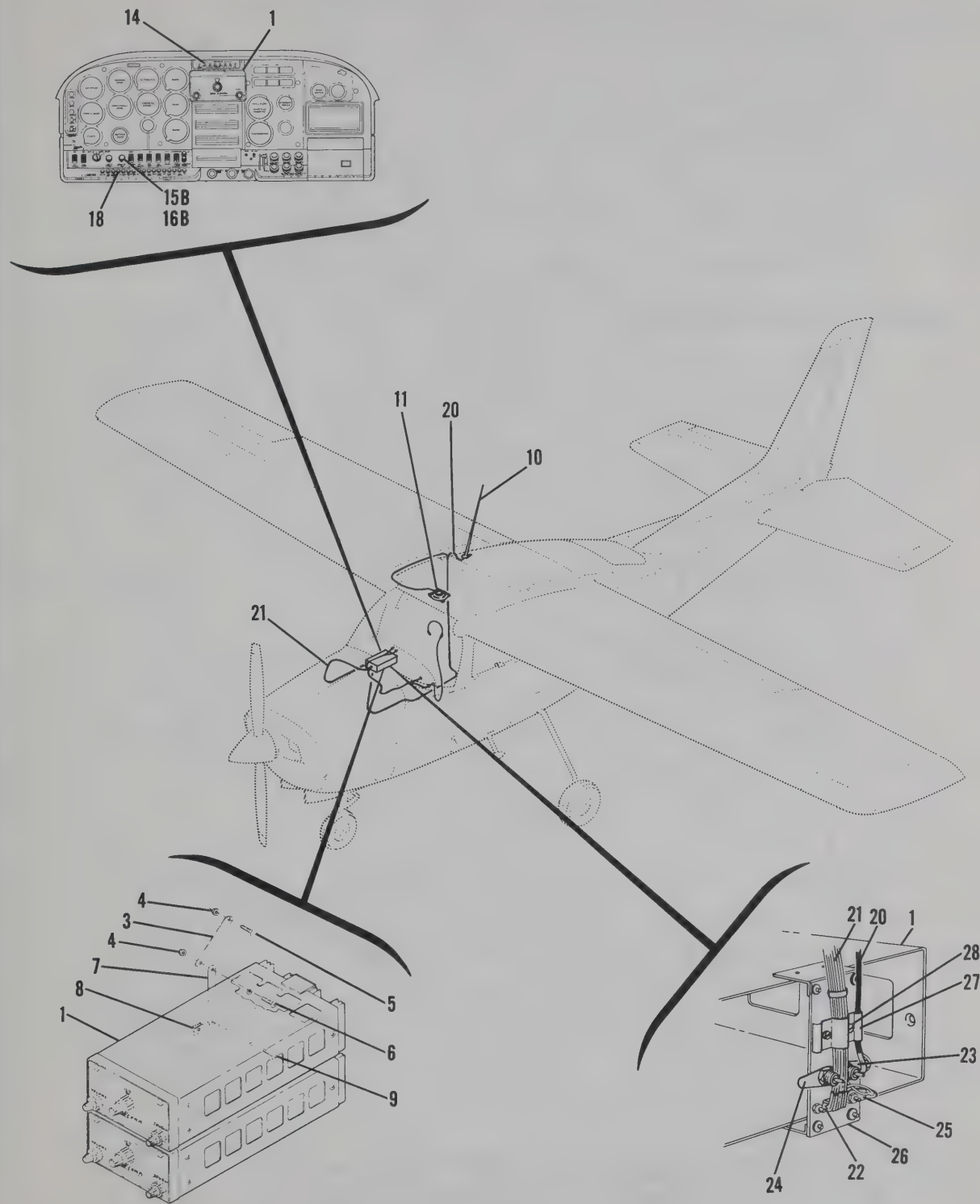
CESSNA TRANSCEIVER 300 RADIO INSTALLATION



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

Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 3 of 5)

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 4 of 5)

CESSNA 300 TRANSCEIVER RADIO INSTALLATION

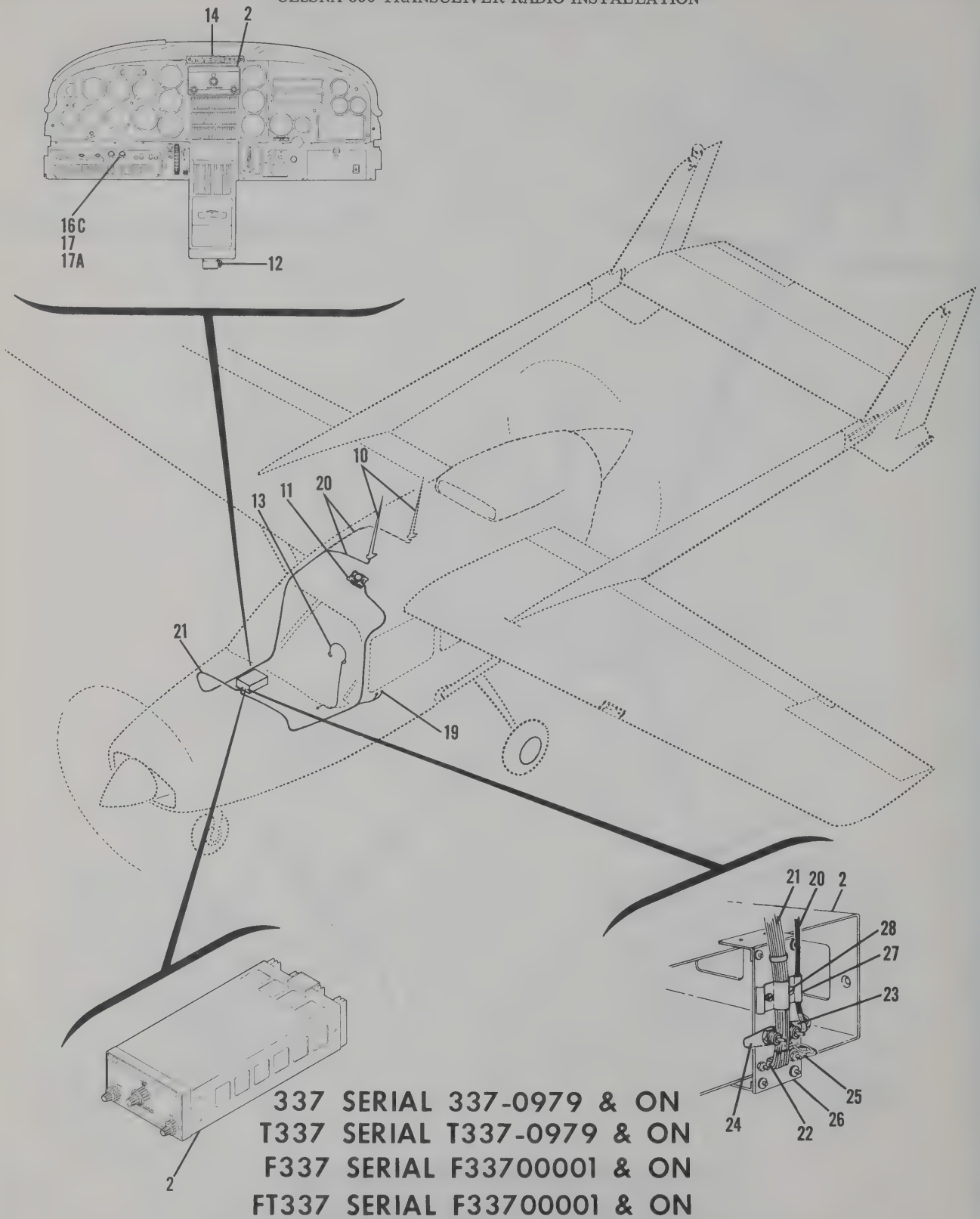
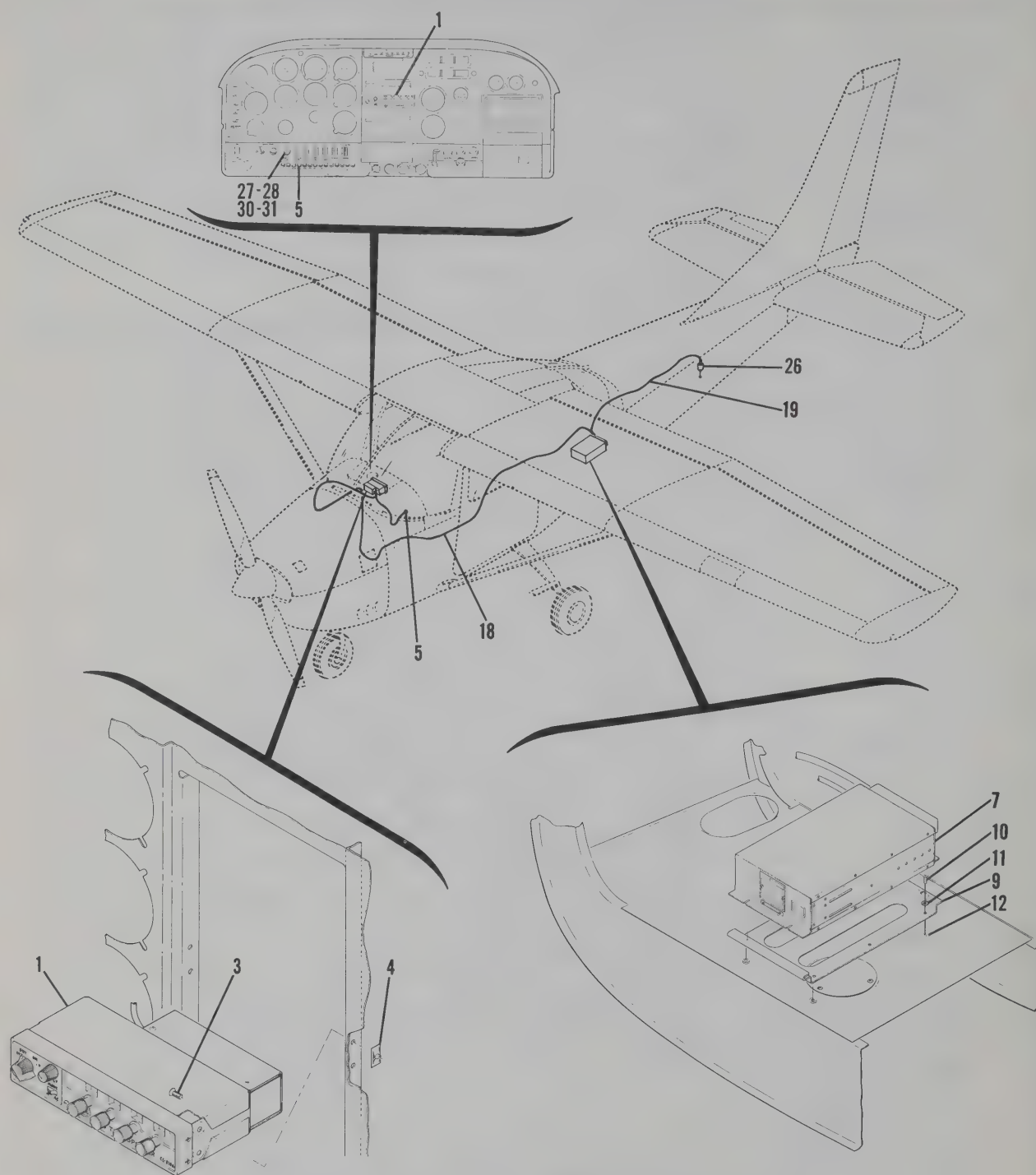


Figure 1-2. Cessna 300 Transceiver (Type RT-524A) Radio Installation (Sheet 5 of 5)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-2-		CESSNA 300 TRANSCEIVER - TYPE RT-524A ALL MODELS -----	NP	
- 1	31390-1514	VHF TRANSCEIVER - TYPE RT-524A - 14 VOLT SYSTEM ARC -----	1	
- 2	31390-1528	VHF TRANSCEIVER - TYPE RT-524A - 28 VOLT SYSTEM ARC -----	1	
		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, P206 SERIES AND 210 SERIES ONLY		
		ATTACHING PARTS		
- 4	NAS679A06	NUT 182, P206 SERIES AND 210 SERIES ONLY -----	2	
- 5	AN515-6R6	SCREW 182, P206 SERIES AND 210 SERIES ONLY -----	1	
- 6	AN507-632R6	SCREW 182, P206 SERIES AND 210 SERIES ONLY -----	1	
		-----*		
- 7	1270465-3	SUPPORT STRAP 182, P206 SERIES AND 210 SERIES ONLY -----	1	
		USED ONLY WHEN TWO RADIOS ARE INSTALLED		
		ATTACHING PARTS		
- 8	NAS395-16-3	NUT 182, P206 SERIES AND 210 SERIES ONLY -----	1	
- 9	S1022Z8-8	SCREW 182, P206 SERIES AND 210 SERIES ONLY -----	1	
		-----*		
- 10	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
- 11	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
- 12	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 13	SEE FIG 4-4	HEADSET INSTALLATION -----	1	
- 14	SEE FIG 4-1	TRANSMITTER & AUDIO SELECTOR SWITCHES -----	1	
	SEE FIG 5-1	RADIO COOLING INSTALLATION -----	1	
- 15	S1880-3	RHEOSTAT 1969 MODELS 182, P206 SERIES & 210 SERIES ONLY -	1	
-15A	S2008-1	RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
-15B	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 16	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, P206 SERIES & -----	1	
		210 SERIES ONLY		
-16A	S1995-1	KNOB-RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY ---	1	
-16B	S1980-1	KNOB-RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
-16C	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	
- 18	S1360-15	CIRCUIT BREAKER ALL MODELS EXCEPT 337 & T337 -----	1	
- 19	S1360-8	CIRCUIT BREAKER 337 & T337 ONLY -----	1	
- 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	
- 21		CABLE ASSY - MAIN CABLE ASSY -----	NP	
- 22	29747-0018	CONNECTOR CONNECTS TO REAR RECEIVER PLATE -----	REF	
		SUPPLIED WITH RECEIVER		
- 23	29753	CONNECTOR CONNECTS TO REAR RECEIVER PLATE -----	REF	
		SUPPLIED WITH RECEIVER		
- 24	29752	CONNECTOR CONNECTS TO REAR RECEIVER PLATE -----	REF	
		SUPPLIED WITH RECEIVER		
- 25	1488-4	TERMINAL LUG CONNECTS TO 29747-0018 CONNECTOR -----	REF	
		SUPPLIED WITH RECEIVER		
- 26	31398	PLATE - REAR CONNECTS TO REAR RECEIVER -----	REF	
		SUPPLIED WITH RECEIVER		
- 27	31396	CLIP - ATTACHES CABLE ASSEMBLY TO 31398 REAR PLATE ON -----	REF	
		RECEIVER SUPPLIED WITH RECEIVER		
		ATTACHING PARTS		
- 28	338-4032	SCREW SUPPLIED WITH RECEIVER -----	REF	
	S1838-2	HOUSING CONNECTS TO P-1 ON AUDIO JUNCTION BOX -----	1	
		-----*		

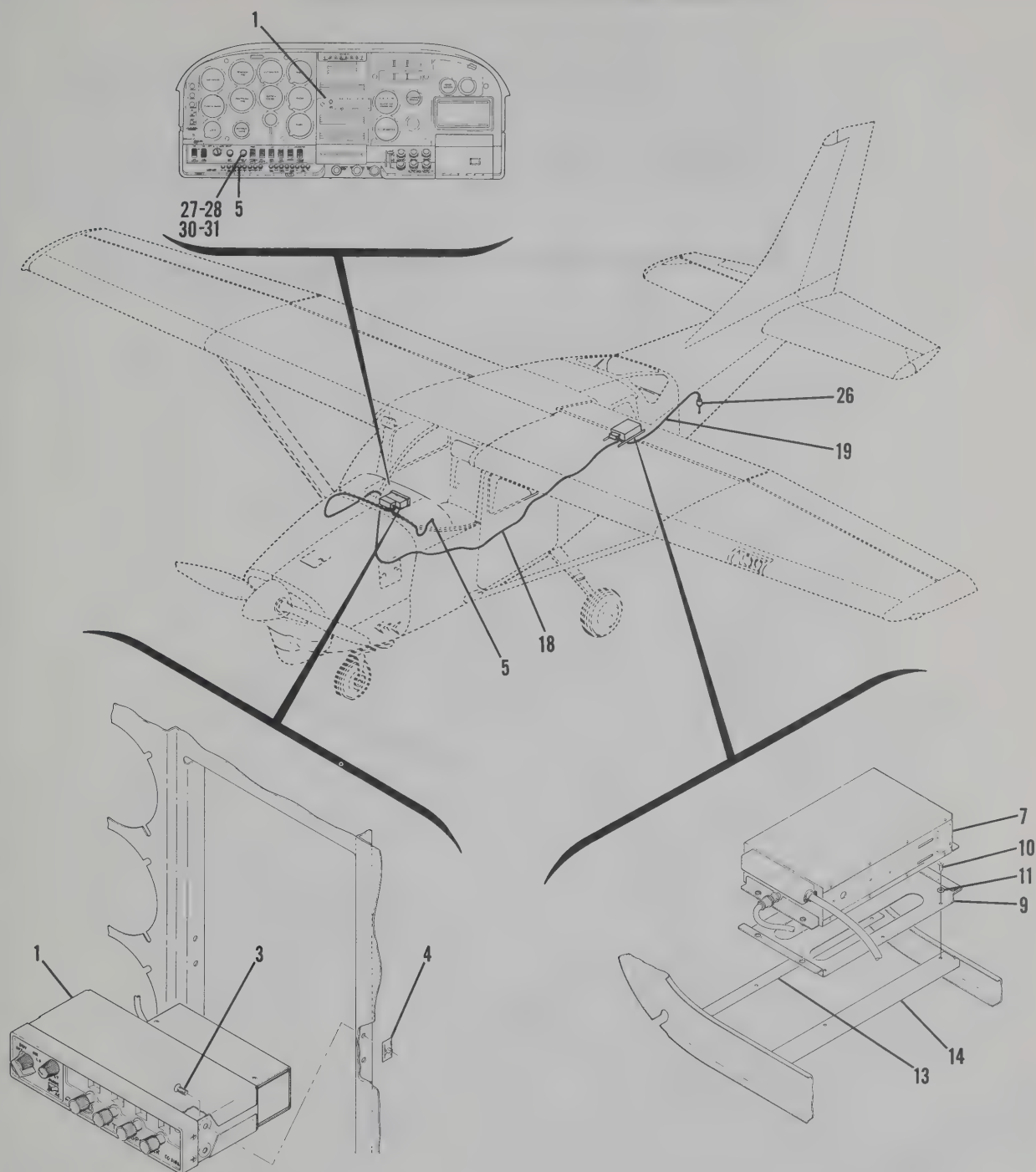
CESSNA 300 TRANSPONDER RADIO INSTALLATION



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

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

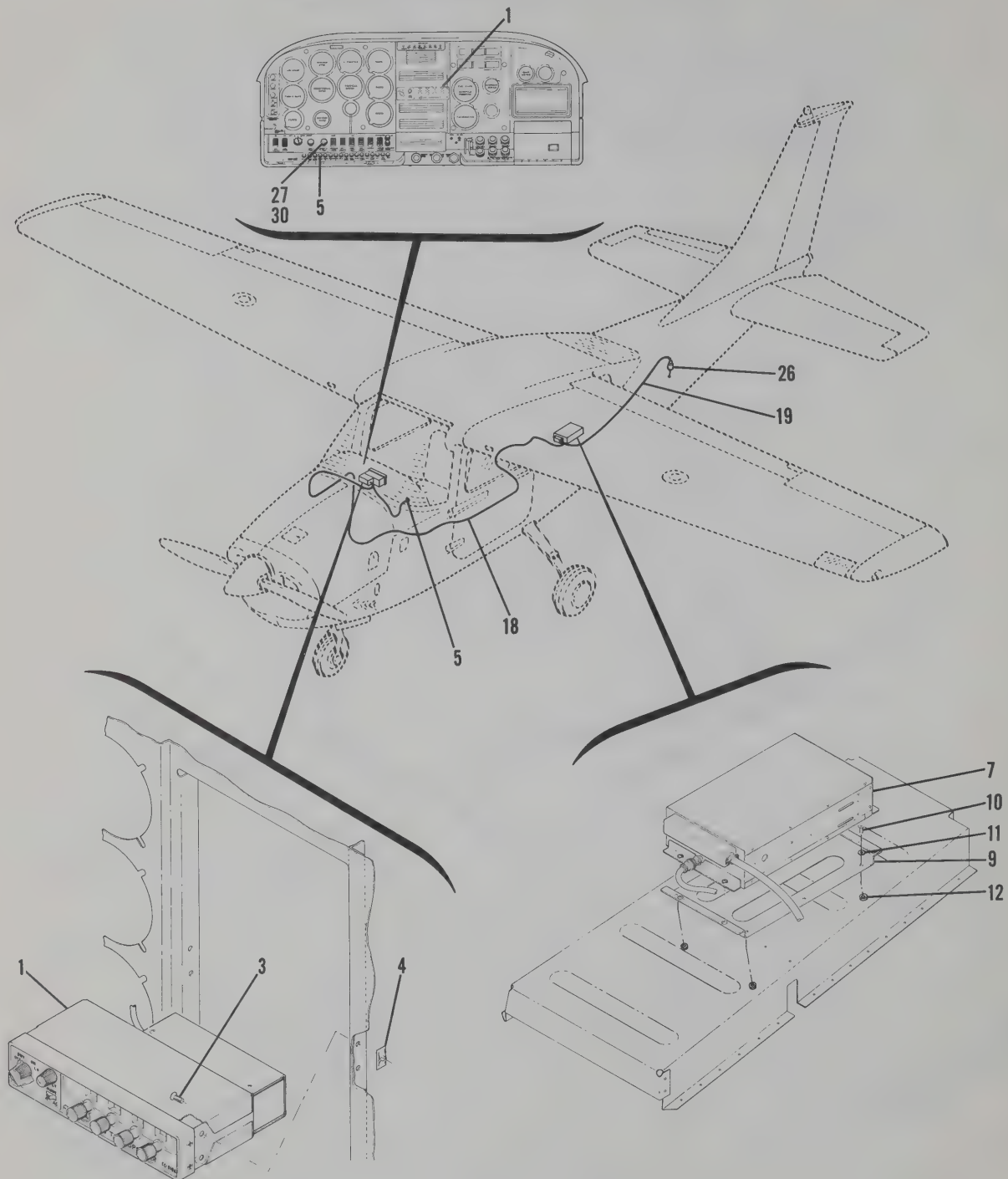
CESSNA 300 TRANSPONDER RADIO INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

Figure 1-3. Cessna 300 Transponder (Type KT-75R) Sheet (2 of 5)

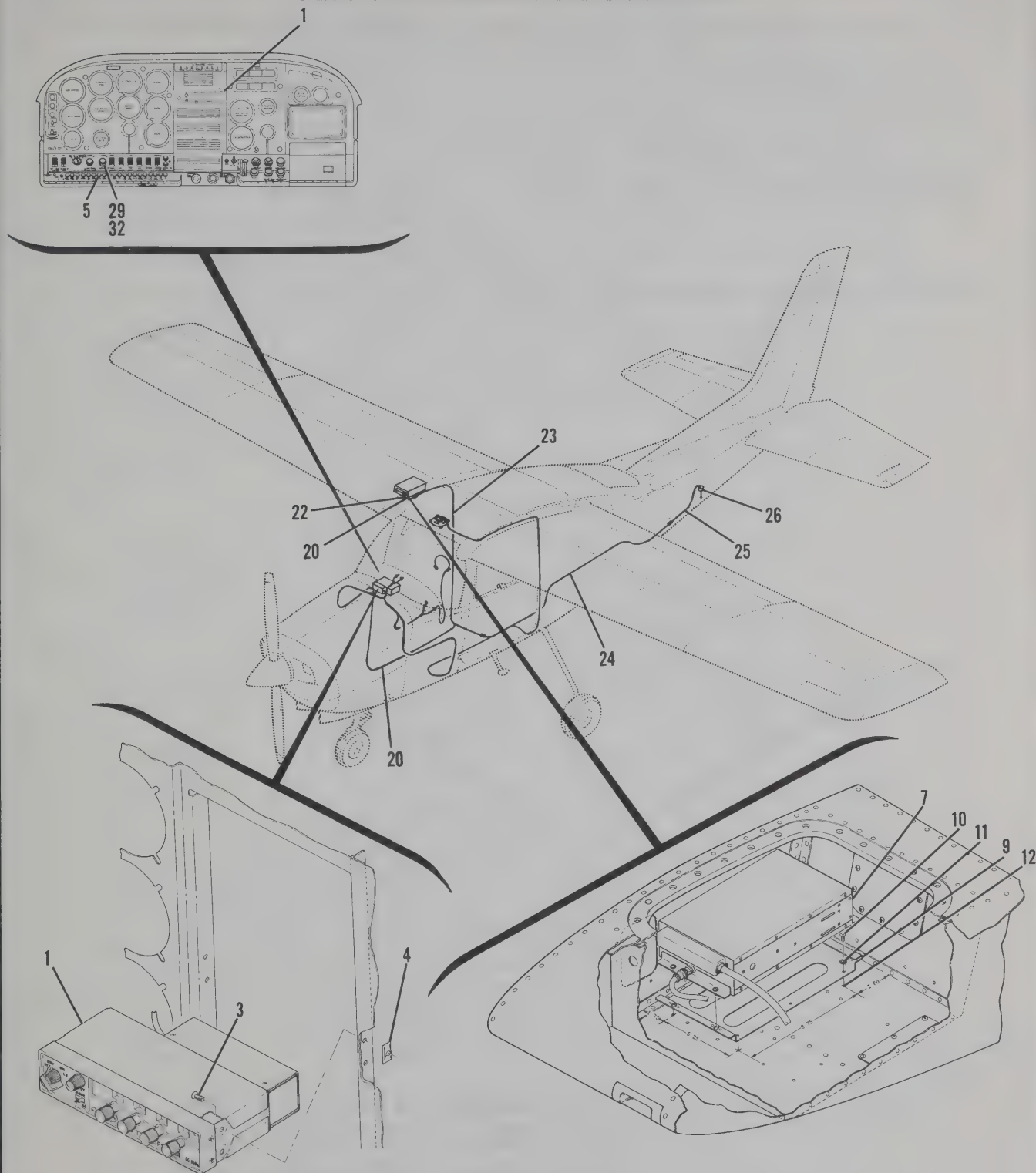
CESSNA 300 TRANSPONDER RADIO INSTALLATION



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

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

CESSNA 300 TRANSPONDER RADIO INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 4 of 5)

CESSNA 300 TRANSPONDER RADIO INSTALLATION

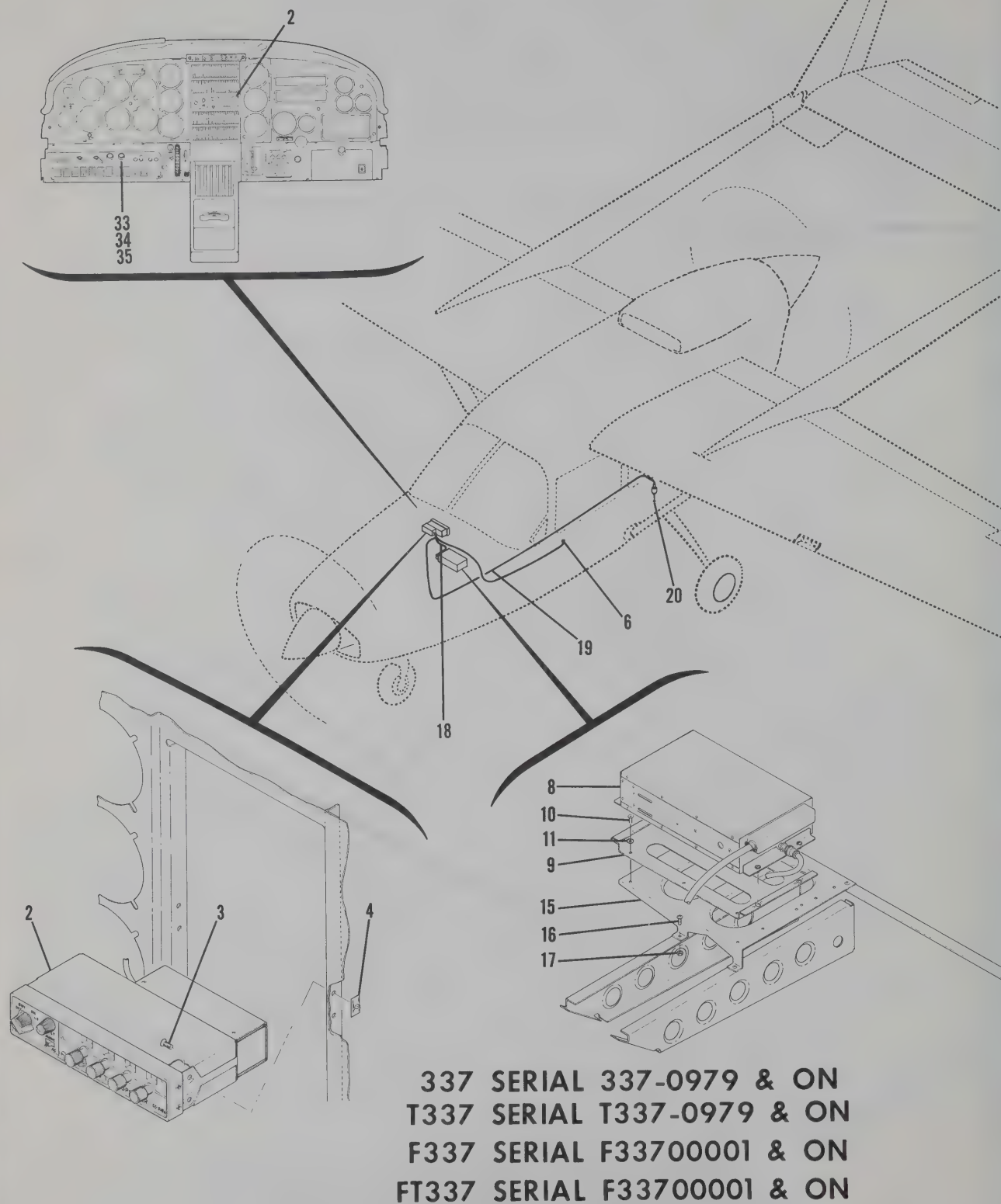


Figure 1-3. Cessna 300 Transponder (Type KT-75R) (Sheet 5 of 5)

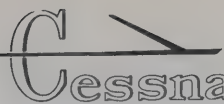
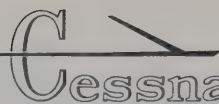


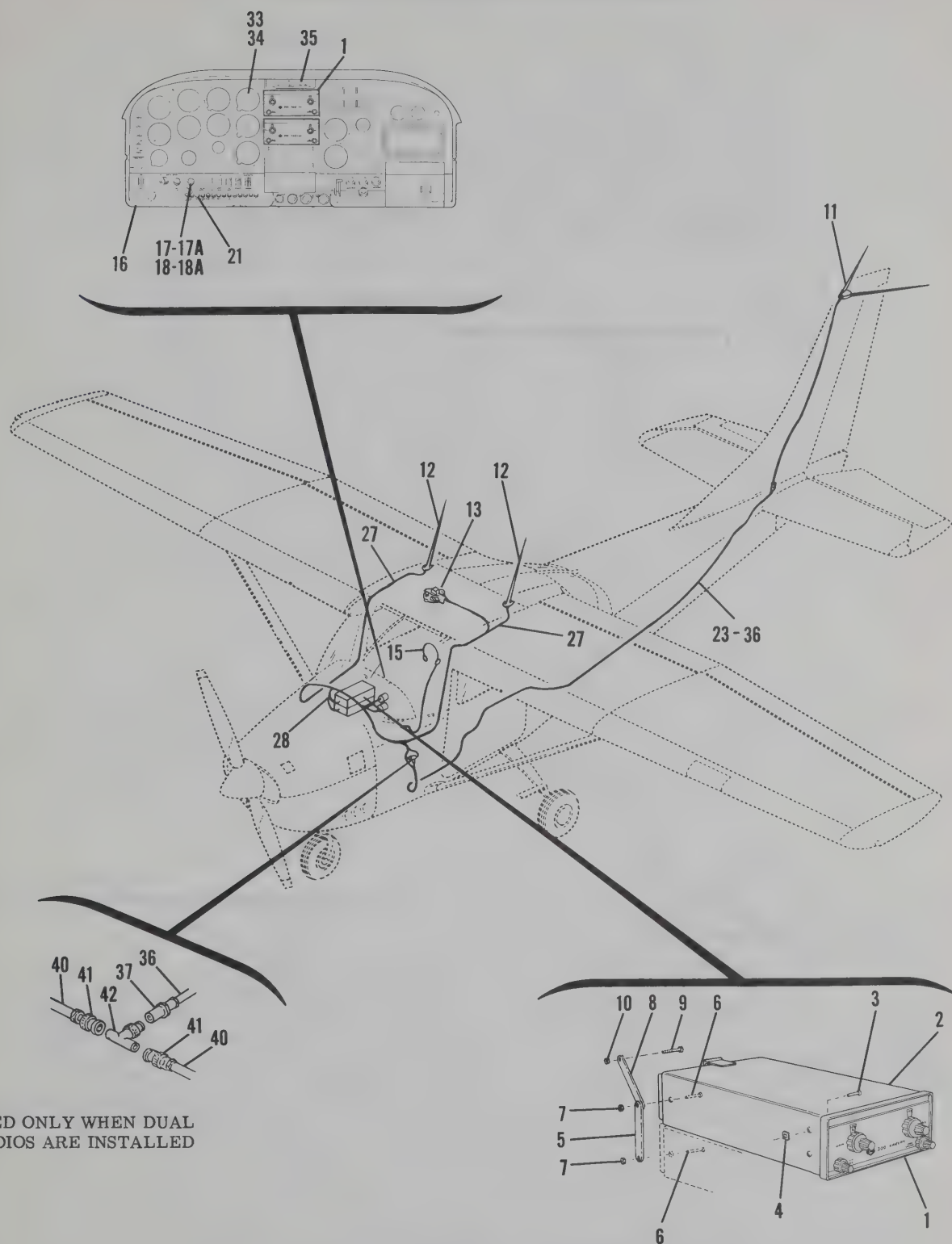
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-3-		CESSNA 300 TRANSPONDER RADIO INSTALLATION TYPE KT-75B -----	NP	
- 1	C589503-0101	ALL MODELS CONTROL UNIT 14 VOLT SYSTEM KG ALL MODELS EXCEPT	1	
- 2	C589503-0201	337 SERIES CONTROL UNIT 28 VOLT SYSTEM KG 337 SERIES ONLY --	1	
- 3	S102228-8	ATTACHING PARTS	4	
- 4	NAS446-4-3	SCREW -----	4	
		NUT -----		
- 5	S1360-5	-----*----- CIRCUIT BREAKER ALL MODELS EXCEPT 337 SERIES -----	1	
- 6	S1360-2	CIRCUIT BREAKER 337 SERIES ONLY -----	1	
- 7	C589504-0101	RECEIVER-TRANSMITTER 14 VOLT SYSTEM KG ALL MODELS --	1	
- 8	C589504-0201	EXCEPT 337 SERIES RECEIVER-TRANSMITTER 28 VOLT SYSTEM KG 337 SERIES --	1	
- 9	047-1744-01	ONLY RACK-MOUNTING SUPPLIED WITH ITEMS 7 OR 8 KG -----	REF	
- 10	AN515-8R8	ATTACHING PARTS	4	
- 11	AN936A8	SCREW -----	4	
- 12	NAS1329-08-120	WASHER -----	4	
		RIVNUT 182 & 210 SERIES ONLY -----		
- 13	1270659-2	-----*----- SUPPORT ASSY-RH P206 SERIES ONLY -----	1	
- 14	1270659-1	SUPPORT ASSY-LH P206 SERIES ONLY -----	1	
- 15	1570197-1	SUPPORT ASSY 337 & T337 ONLY -----	1	
- 16	AN515-8R8	ATTACHING PARTS	5	
- 17	NAS679A08	SCREW -----	2	
		NUT -----		
- 18		-----*----- CABLE ASSY CONTROL UNIT TO RECEIVER-TRANSMITTER ALL -	NP	
	RG-174U	MODESL EXCEPT 1970 & ON 210 SERIES		
	030-2102-00	COAXIAL CABLE USED ONLY WITH CESSNA 300 DME BULK --	AR	
	030-1019-00	ITEM		
	030-2109-00	CONNECTOR CONNECTS TO CONTROL UNIT KG -----	1	
	S1838-3	CABLE CLAMP HALF KG -----	2	
- 19		CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER KG -----	1	
	RG-58A/U	HOUSING 20 PIN CONNECTS TO AUDIO JUNCTION BOX -----	1	
	030-2107-00	CABLE ASSY RECEIVER-TRANSMITTER TO ANTENNA ALL -----	NP	
	030-0060-00	MODELS EXCEPT 1970 & ON 210 SERIES		
- 20		COAXIAL CABLE RECEIVER-TRANSMITTER TO ANTENNA -----	AR	
	030-2102-00	CONNECTOR CONNECTS TO ANTENNA KG -----	1	
	030-1019-00	CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER KG -----	1	
	S1838-3	CABLE ASSY CONTROL UNIT TO RH WING ROOT 1970 & ON ---	NP	
	S1961-2-0	210 SERIES ONLY		
- 21		CONNECTOR CONNECTS TO CONTROL UNIT KG -----	1	
	030-2109-00	CABLE CLAMP HALF KG -----	1	
	030-1019-00	HOUSING 20 PIN CONNECTS TO AUDIO JUNCTION BOX -----	1	
	S1961-1-0	HOUSING CAP 12 PIN CONNECTS TO RECEIVER-TRANSMITTER -	2	
- 22		CABLE IN RH WING ROOT		
	RG-58A/U	CABLE ASSY RECEIVER-TRANSMITTER TO CONTROL UNIT CABLE ---	NP	
	030-0060-00	1970 & ON 210 SERIES ONLY		
	1-331693-1	CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER KG -----	1	
- 23		CABLE CLAMP HALF CONNECTS TO RECEIVER-TRANSMITTER KG -----	1	
	RG-58A/U	HOUSING PLUG CONNECTS TO CONTROL CABLE IN RH WING ROOT	2	
	030-1019-00	ANTENNA CABLE ASSY RECEIVER-TRANSMITTER TO RH WING ROOT -	NP	
	1-331693-1	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	
	RG-58A/U	& ON 210 SERIES ONLY		
	030-1019-00	COAXIAL CABLE BULK ITEM -----	AR	
	1-331693-1	CONNECTOR UG-88C/U MAY BE SUBSTITUTED AMPH -----	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		
1-3- 24		ANTENNA CABLE ASSY STA. 55.62 TO STA. 152.20 STD ----	NP	
		EQUIPMENT IN AFCT 1970 & ON 210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	2-33135-1	JACK CONNECTS TO ANT CABLE AT STA. 55.62 AMPH ----	1	
	1-331694-0	PANEL JACK CONNECTS TO ANT CABLE AT STA. 152.20 AMPH	1	
- 25		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 1969 MODELS 182, P206 SERIES & 210 SERIES ONLY -	1	
- 28	S2008-1	RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
- 29	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 30	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, P206 SERIES & -----	1	
		210 SERIES ONLY		
- 31	S1995-1	KNOB-RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY ---	1	
- 32	S1980-1	KNOB-RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 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	

CESSNA 300 NAV/COM RADIO INSTALLATION

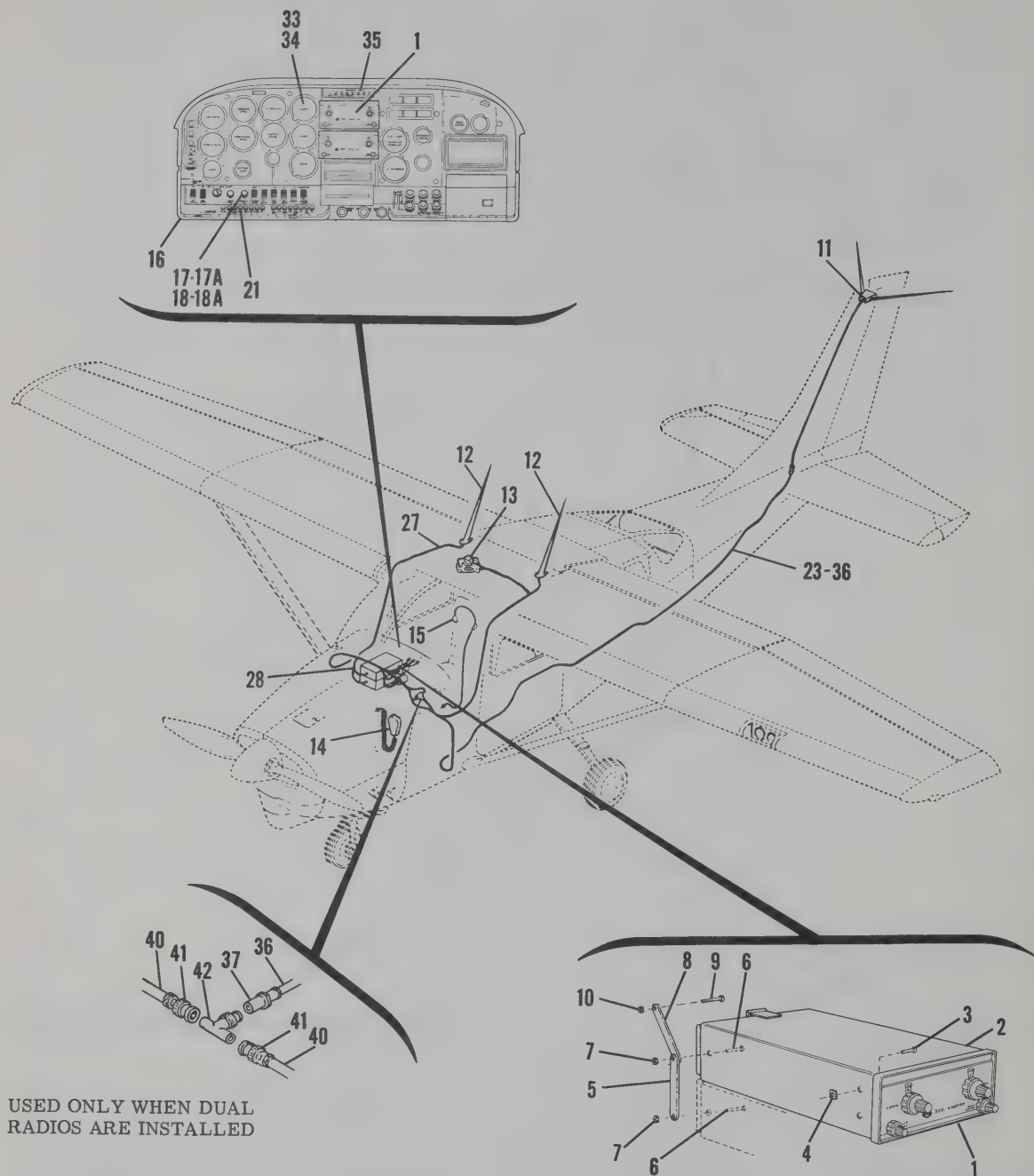


USED ONLY WHEN DUAL
RADIOS ARE INSTALLED

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

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

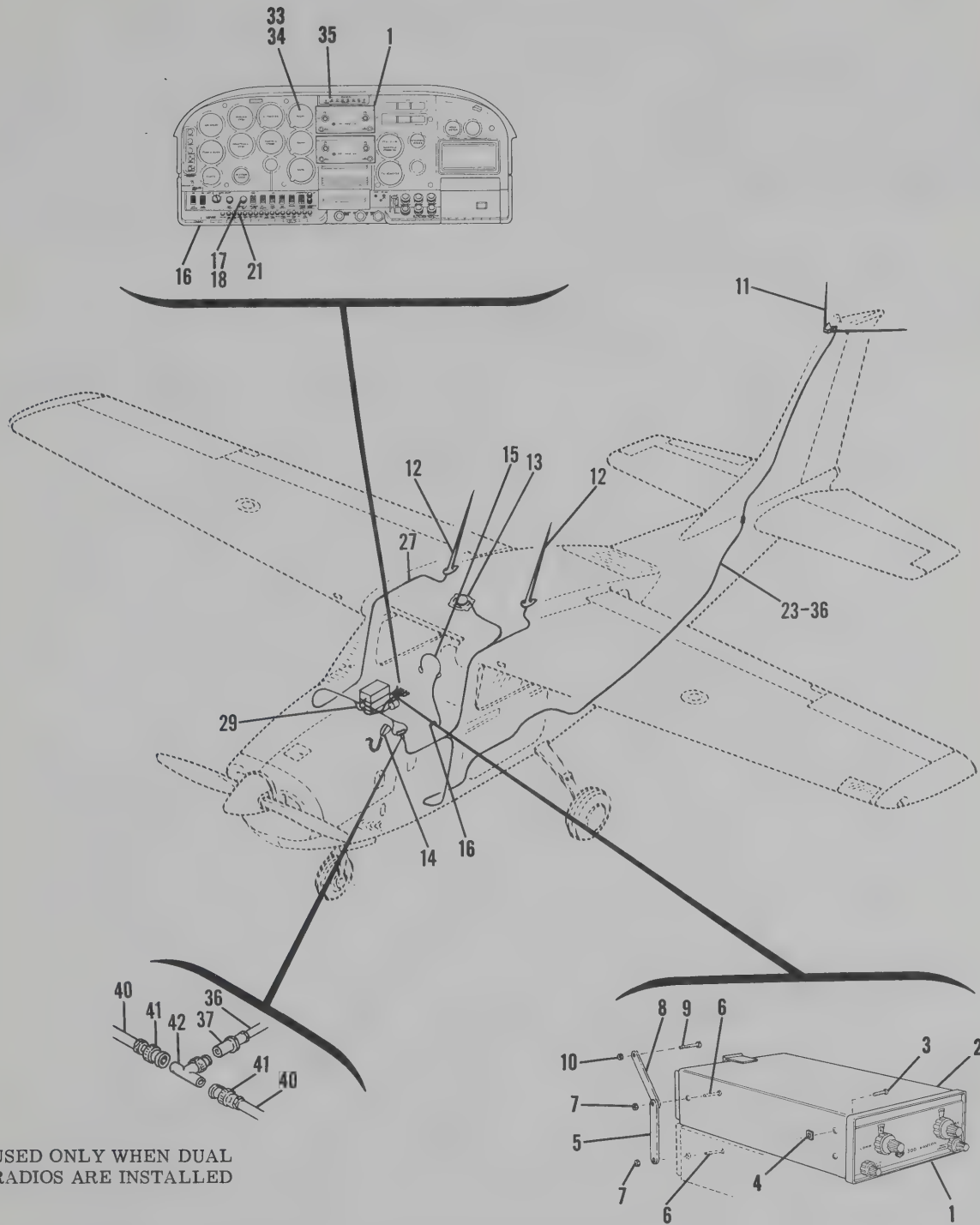
CESSNA 300 NAV/COM RADIO INSTALLATION



P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON

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

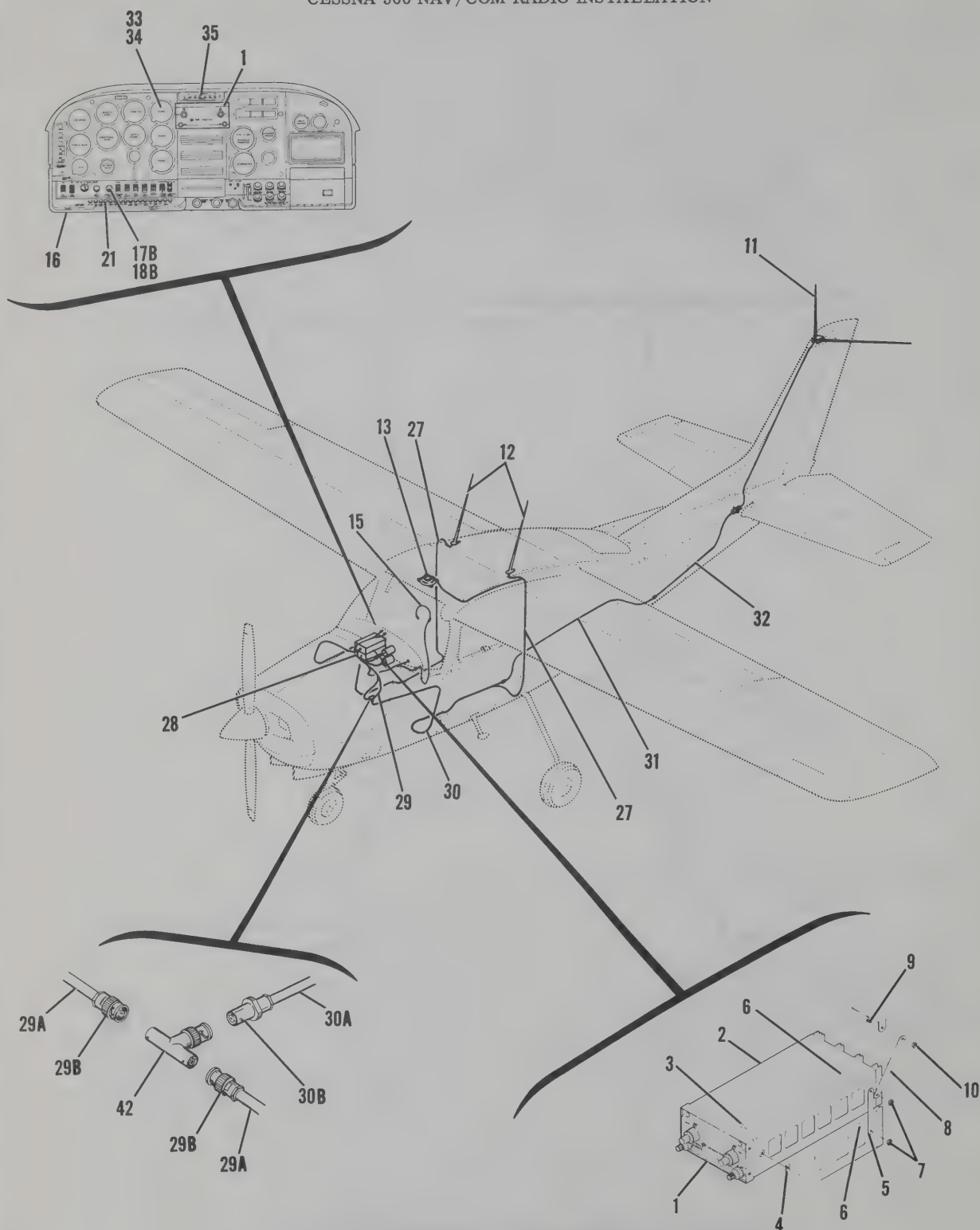


USED ONLY WHEN DUAL
RADIOS ARE INSTALLED

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)

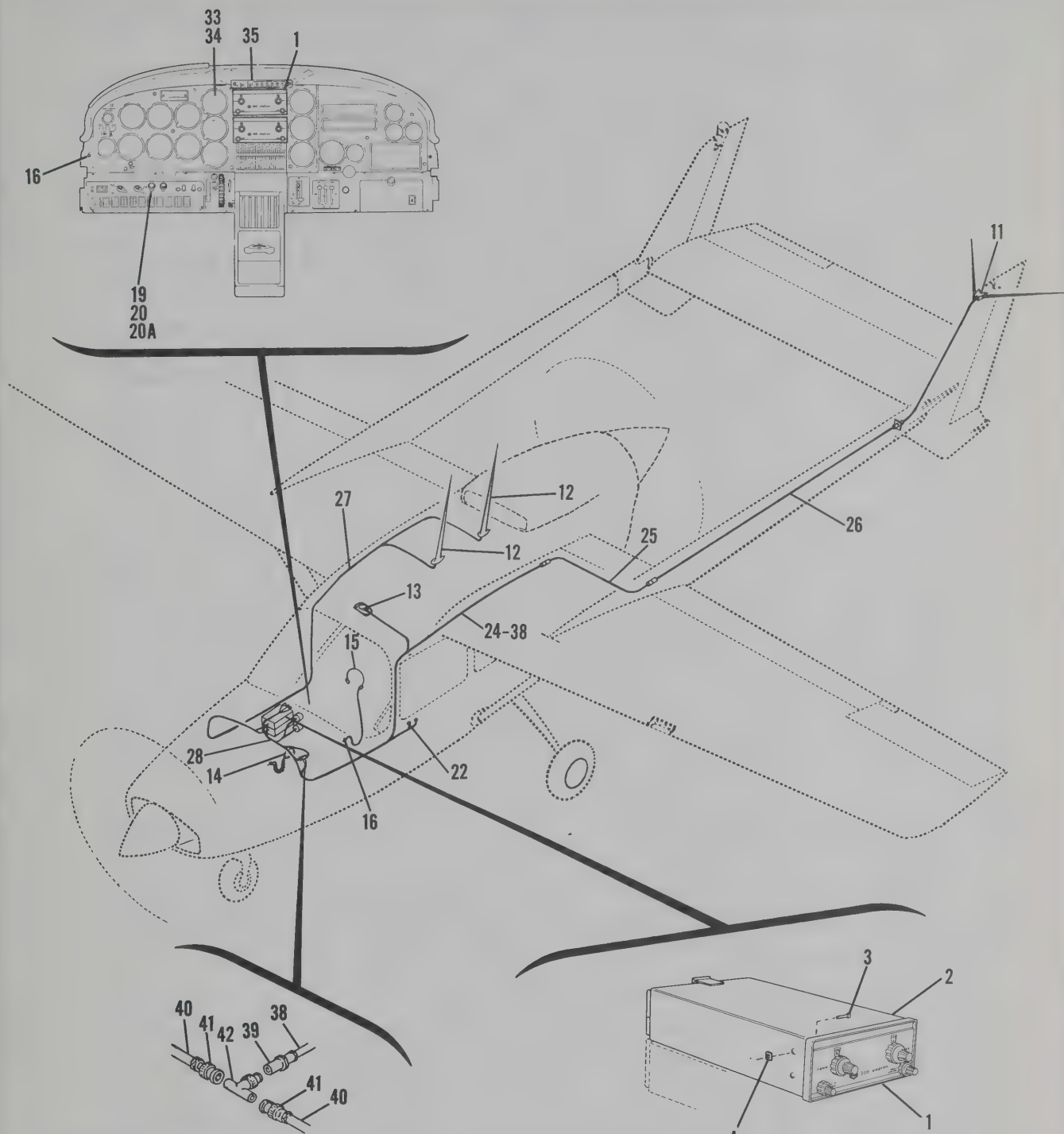
CESSNA 300 NAV/COM RADIO INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

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

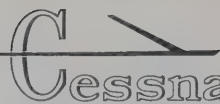
CESSNA 300 NAV/COM RADIO INSTALLATION



USED ONLY WHEN DUAL
RADIOS ARE INSTALLED

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

Figure 1-4. Cessna 300 Nav/Com (Type RT-540A or RT-517R) Radio 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		
1-4-		CESSNA 300 NAV-COM - TYPES RT-517R OR RT-540A RADIO ----- INSTALLATION THE RT-517R IS NOT INSTALLED ON THE 337 SERIES	NP	
- 1	36120-1114	CESSNA 300 NAV/COM TRANSCEIVERS - REMOTE INDICATOR ----- TRANSCEIVER-90 CHANNEL - 14 VOLT - TYPE RT-517R -----	NP	
	376C0-1114	TRANSCEIVER-360 CHANNEL - 14 VOLT - TYPE RT-540A ----- INCLUDES G.S. AND DME SWITCHING WAFERS AND RECEPTACLE FOR WIRE HARNESS ARC	AR	
	376C0-1128	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, P206 SERIES & 210 SERIES ONLY ----- ATTACHING PARTS	1	
- 6	AN507-632R8	SCREW 182, P206 SERIES & 210 SERIES ONLY -----	2	
- 7	NAS679A06	NUT 182, P206 SERIES & 210 SERIES ONLY -----	2	
		---*---		
- 8	1270465-1	SUPPORT STRAP 182, P206 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 4-2	SPEAKER INSTALLATION -----	1	
- 14	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 15	SEE FIG 4-4	HEADSET INSTALLATION -----	1	
- 16	SEE FIG 4-4	PHONE JACK -----	1	
- 17	S1880-3	RHEOSTAT 1969 MODELS 182, P206 SERIES & 210 SERIES ONLY -	1	
-17A	S2C08-1	RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
-17B	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 18	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, P206 SERIES & ----- 210 SERIES ONLY	1	
-18A	S1995-1	KNOB-RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY ---	1	
-18B	S1980-1	KNOB-RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 19	1570164-1	SWITCH ASSY RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	93416L	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, P206 SERIES & 210 SERIES ONLY -----	1	
- 22	S1360-8	CIRCUIT BREAKER 337 SERIES ONLY -----	1	

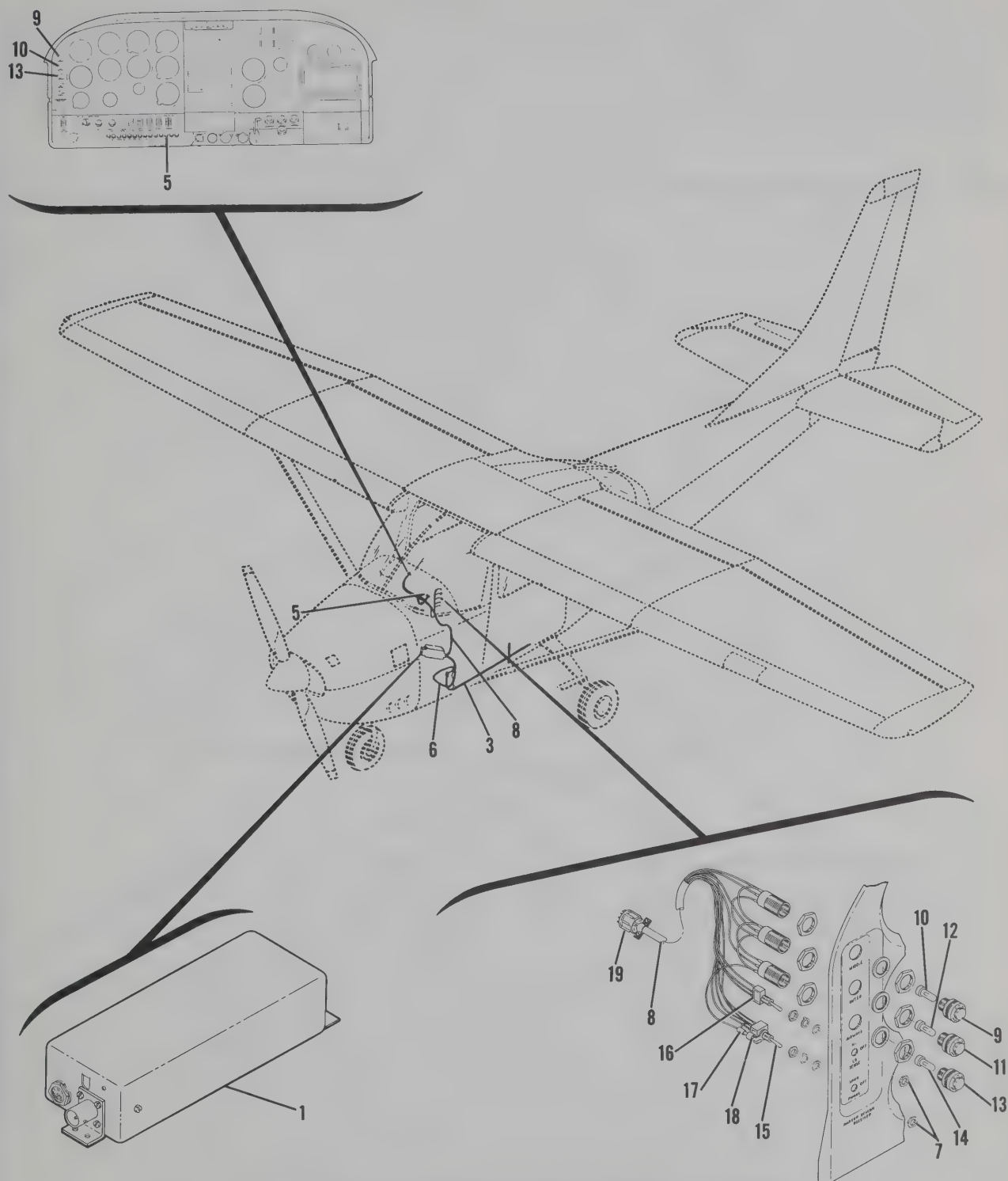
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-4-	36300-C000	GLIDE SLOPE PIGTAIL KIT ARC -----	1	
- 23		CABLE ASSY - TRANSCEIVER TO BALUN STUB -----	NP	
	RG-58A/U	ALL MODELS EXCEPT 337 SERIES & 1970 & ON 210 SERIES		
	UG-88C/U	COAXIAL CABLE-BULK ITEM -----	AR	
		PLUG-COAXIAL - CONNECTS TO BALUN STUB CONNECTOR -----	1	
		182 & P206 SERIES ONLY		
- 24	UG-1050/U	CONNECTOR-COAXIAL - CONNECTS TO TRANSCEIVER -----	1	
		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	
- 25	UG-88C/U	PLUG-COAXIAL - CONNECTS TO WING ROOT CONNECTION -----	1	
		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	
- 26	UG-89/U	RECEPTACLE-COAXIAL -----	1	
		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	
- 27	UG-88C/U	PLUG-COAXIAL -----	1	
		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	
- 28	UG-1051/U	P206 SERIES & 210 SERIES ONLY		
		CONNECTOR-COAXIAL - CONNECTS TO TRANSCEIVER -----	1	
	29747-0026	CABLE ASSY - MAIN CABLE ASSY -----	NP	
		CONNECTOR - TRANSCEIVER END 300 NAV/COM -----	AR	
	32604-0000	TYPES RT-540A AND RT-517R		
		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-C000	CONNECTOR REPLACES 32604-0000 WHEN TYPE IN-525 -----	1	
- 29	S1641-9	GLIDE SLOPE INDICATOR IS INSTALLED		
		HOUSING CONNECTS TO GLIDE SLOPE CABLE -----	1	
- 29A	RG-58A/U	OMNI CABLE ASSY TRANSCEIVER TO PIG TAIL END -----	NP	
- 29B	29752	1970 & ON 210 SERIES ONLY		
- 30	UG-88C/U	COAXIAL CABLE BULK ITEM -----	AR	
		CONNECTOR CONNECTS TO TRANSCEIVER -----	1	
		CONNECTOR-COAXIAL CONNECTS TO PIG TAIL END -----	1	
- 30A		OMNI CABLE ASSY CONNECTS BETWEEN PIGTAIL AND STA. -----	NP	
- 30B	UG-89/U	55.62 1970 & ON 210 SERIES ONLY		
- 31	UG-88C/U	COAXIAL CABLE BULK ITEM -----	AR	
		JACK-COAXIAL CONNECTS TO PIG TAIL CONNECTOR -----	1	
		PLUG-COAXIAL CONNECTS TO CABLE AT STA. 55.62 -----	1	
		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	
- 32	UG-291/U	JACK-FLANGE MOUNT COAXIAL CONNECTS TO CABLE -----	1	
		AT STA. 152.20		
		OMNI ANTENNA CABLE ASSY CONNECTS TO STA. 152.20 AND -----	NP	
	RG-58A/U	BALUN STUB 1970 & ON 210 SERIES ONLY		
- 33	UG-88C/U	COAXIAL CABLE BULK ITEM -----	AR	
	31640-0000	PLUG-COAXIAL -----	2	
- 34	32350-0000	INDICATOR - VOR/LOC - TYPE IN-514R USED ON 300 NAV/COM --	AR	
		TYPES RT-540A AND RT-517R ARC		
		INDICATOR - VOR/LOC-ILS - TYPE IN-525A ARC -----	AR	
		USED ON 300 NAV/COM		
		ATTACHING PARTS		
	AN51586R10	SCREW -----	3	
	NAS487-20	NUT -----	3	
		---*---		
		CONTINUED ON NEXT PAGE		



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-4-		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 FIG 4-1	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 & P206 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 UG-1050/U	PLUG-COAXIAL - TEE ADAPTER END ----- CONNECTOR-CCAXIAL - TRANSCEIVER END -----	2 1	
- 42	UG-274/U S1832-2	TEE ADAPTER - OMNI ----- HOUSING 36 PIN - P4 USED ON MAIN CABLE ASSY ----- ON SECOND INSTL REPLACES S1838-2	1 1	

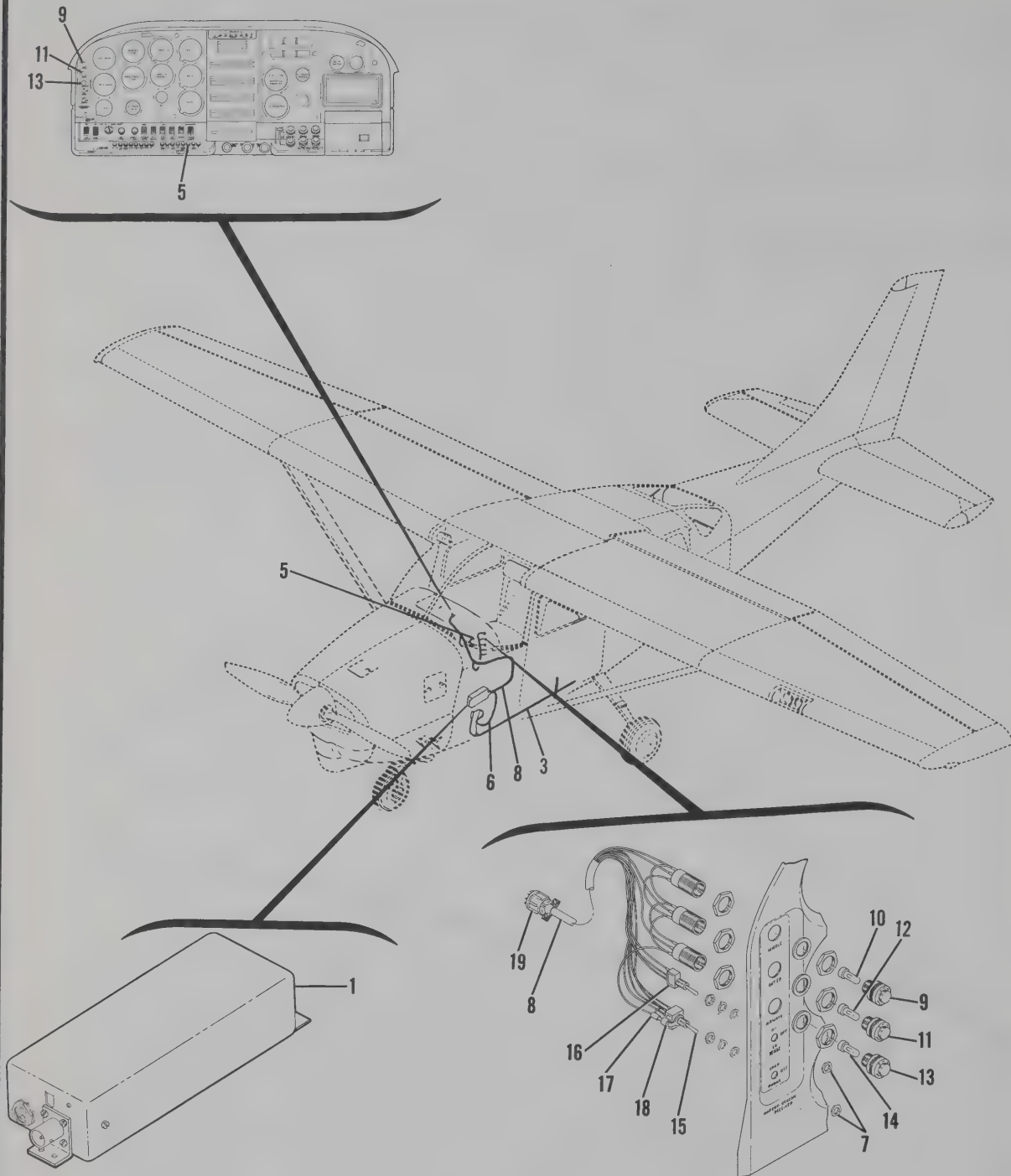
CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



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

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

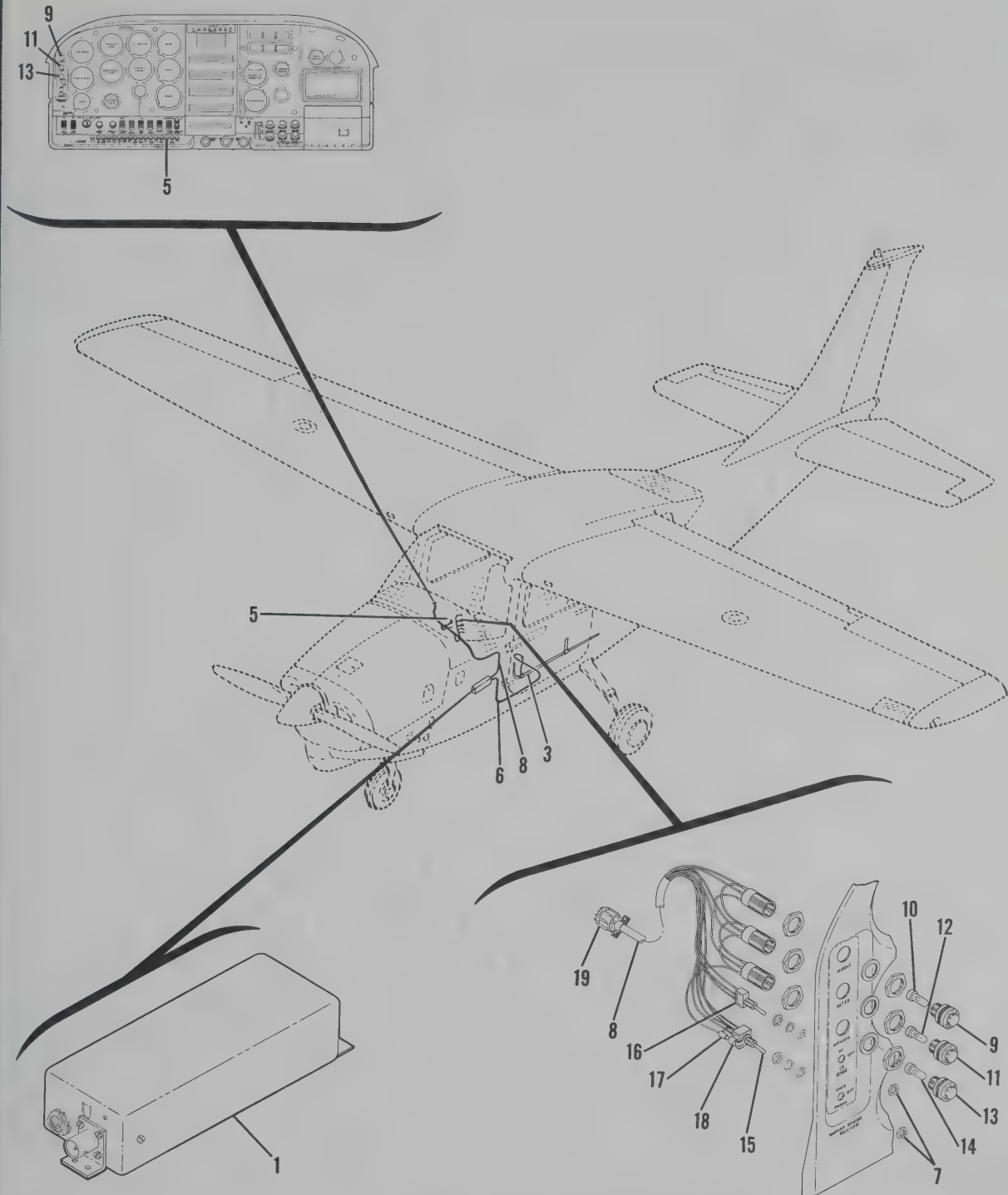
CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

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

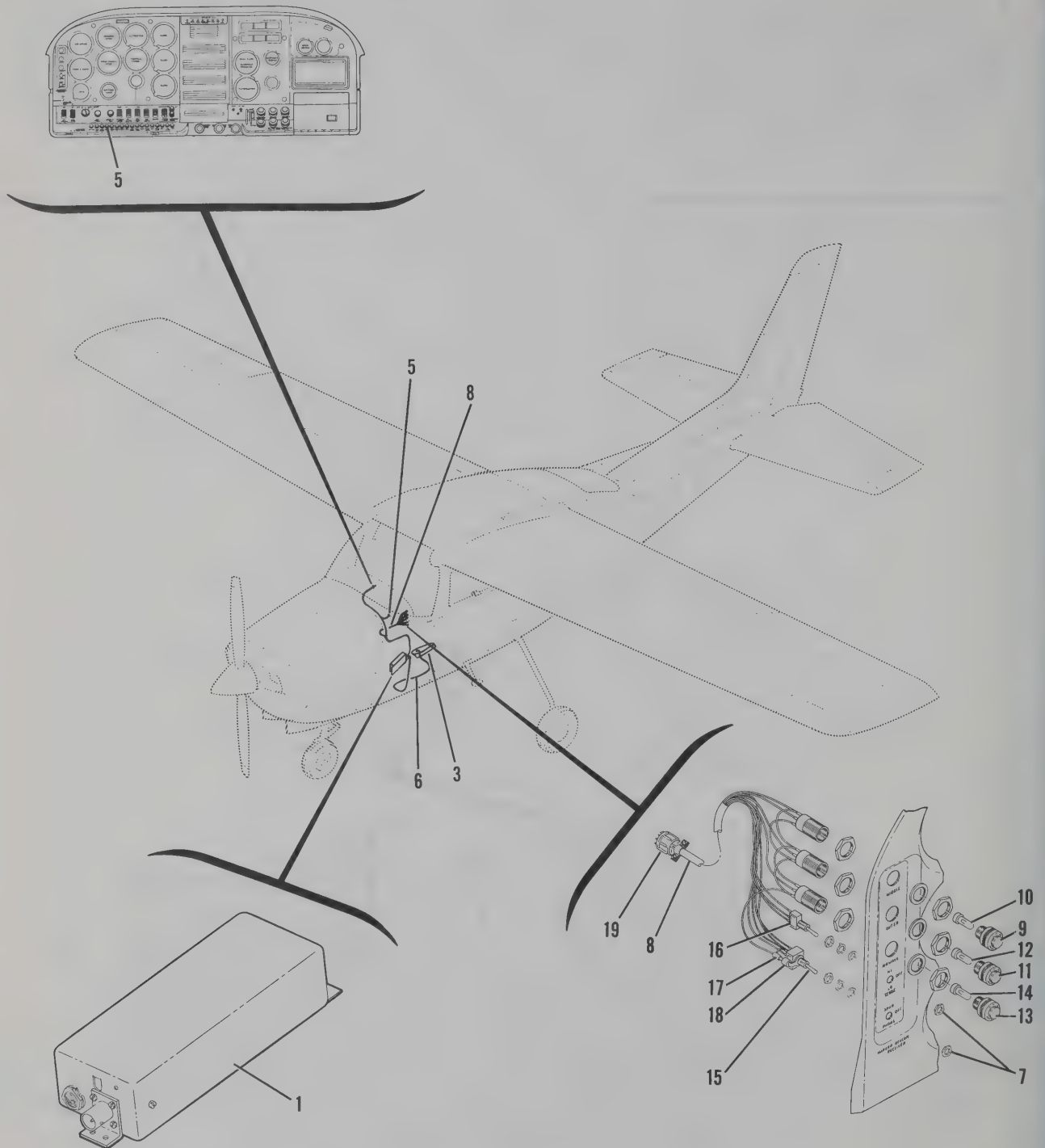
CESSNA MARKER BEACON 300 RECEIVER INSTALLATION



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 3 of 5)

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 4 of 5)

CESSNA MARKER BEACON 300 RECEIVER INSTALLATION

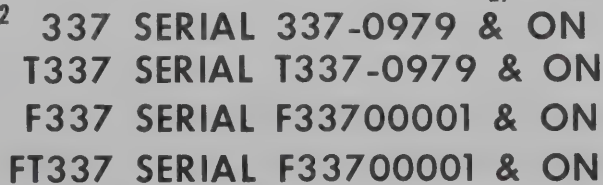
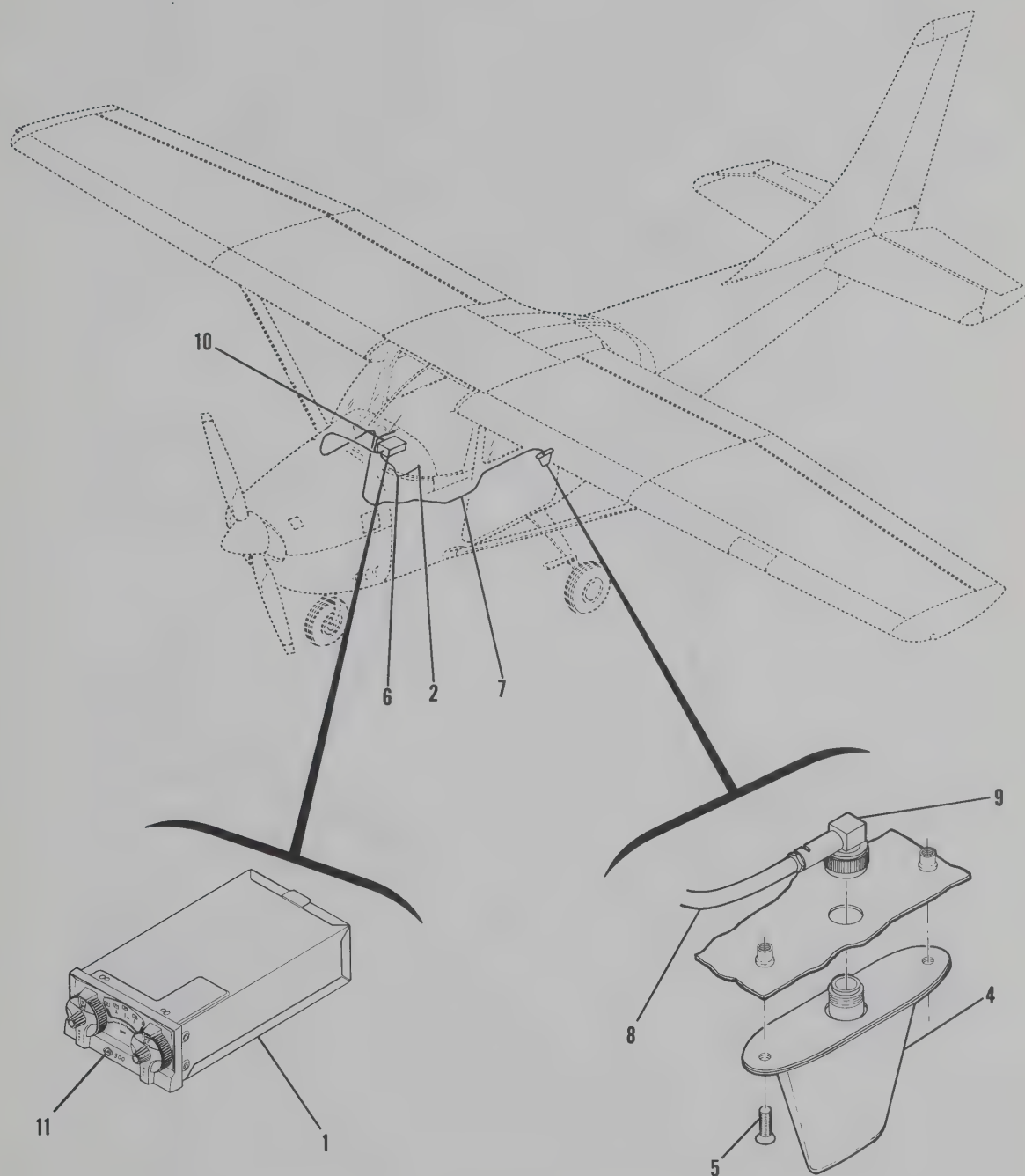


Figure 1-5. Cessna 300 Marker Beacon (Type R-502B) Receiver Installation (Sheet 5 of 5)



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-5-		CESSNA 300 MARKER BEACON INSTALLATION -----	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		
	AN507-632R8	SCREW 182, P206 SERIES & 210 SERIES ONLY -----	4	
	AN515-6R6	SCREW 337 & T337 ONLY -----	4	
	AN960-10L	WASHER 182, P206 SERIES & 210 SERIES ONLY -----	4	
	NAS679A06	NUT -----	4	
		-----*-----		
- 3	SEE FIG 3-4	MARKER BEACON ANTENNA INSTALLATION -----	1	
- 4	S1360-2	CIRCUIT BREAKER 337 & T337 ONLY -----	1	
- 5	S1360-10	CIRCUIT BREAKER-NAV LTS ALL MODELS EXCEPT 337 & T337 ---	REF	
- 6		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		
- 7	S1216-3	NUT REPLACES NUT SUPPLIED WITH S1696-2 & S1695-1 -----	2	
		SWITCHES MODELS 182, P206 SERIES & 210 SERIES ONLY		
- 8	1270475-204	CABLE ASSY-MARKER BEACON 182, P206 SERIES & -----	1	
		210 SERIES ONLY RECEIVER TO MARKER BEACON LIGHTS		
- 9	MS25041-4-328	LAMP ASSY-MIDDLE-AMBER LENS -----	1	
- 10	MS25237-328	LAMP-MIDDLE -----	1	
- 11	MS25041-10-328	LAMP ASSY-OUTER-BLUE LENS -----	1	
- 12	MS25237-328	LAMP-OUTER -----	1	
- 13	MS25041-1-328	LAMP ASSY-AIRWAYS-WHITE LENS -----	1	
- 14	MS25237-328	LAMP-AIRWAYS -----	1	
- 15	S1696-2	SWITCH -----	1	
	1270475-296	CABLE ASSY CONNECTS SELECTOR SWITCH INSTL TO AUDIO ----	1	
		JCT BOX		
- 16	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	
- 17	40 OHM 3W	RESISTOR OM -----	1	
- 18	S1367-1-12	TERMINAL -----	1	
	S1694-3-0.5	TUBING -----	18	
- 19	28371-0009	PLUG ARC -----	1	
	S1838-3	HOUSING CONNECTS TO P-3 ON AUDIO JUNCTION BOX -----	1	
- 20	157C001-223	CABLE ASSY 337 SERIES ONLY RECEIVER TO MARKER BEACON	1	
		LIGHTS		
- 21	MS25041-4-328	LAMP ASSY-MIDDLE-AMBER LENS -----	1	
	MS25237-328	LAMP-MIDDLE -----	1	
- 22	MS25041-10-328	LAMP ASSY-OUTER-BLUE LENS -----	1	
	MS25237-328	LAMP-OUTER -----	1	
- 23	MS25041-1-328	LAMP ASSY-AIRWAYS-WHITE LENS -----	1	
	MS25237-328	LAMP-AIRWAYS -----	1	
- 24	S1696-2	SWITCH -----	1	
	157C001-2017	CABLE ASSY-MARKER BEACON CONNECTS SELECTOR SW & AUDIO -	1	
		JCT BOX		
- 25	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	
- 26	82 OHM2W	RESISTOR OM -----	1	
- 27	28487	TERMINAL -----	1	
	S1694-3-0.5	TUBING -----	18	
- 28	28371-0009	PLUG ARC -----	1	
	S1838-3	HOUSING CONNECTS TO P-3 ON AUDIO JUNCTION BOX -----	1	
- 29	S1216-3	NUT REPLACES NUT SUPPLIED WITH S1696-2 & S1695-1 -----	2	
		SWITCHES		

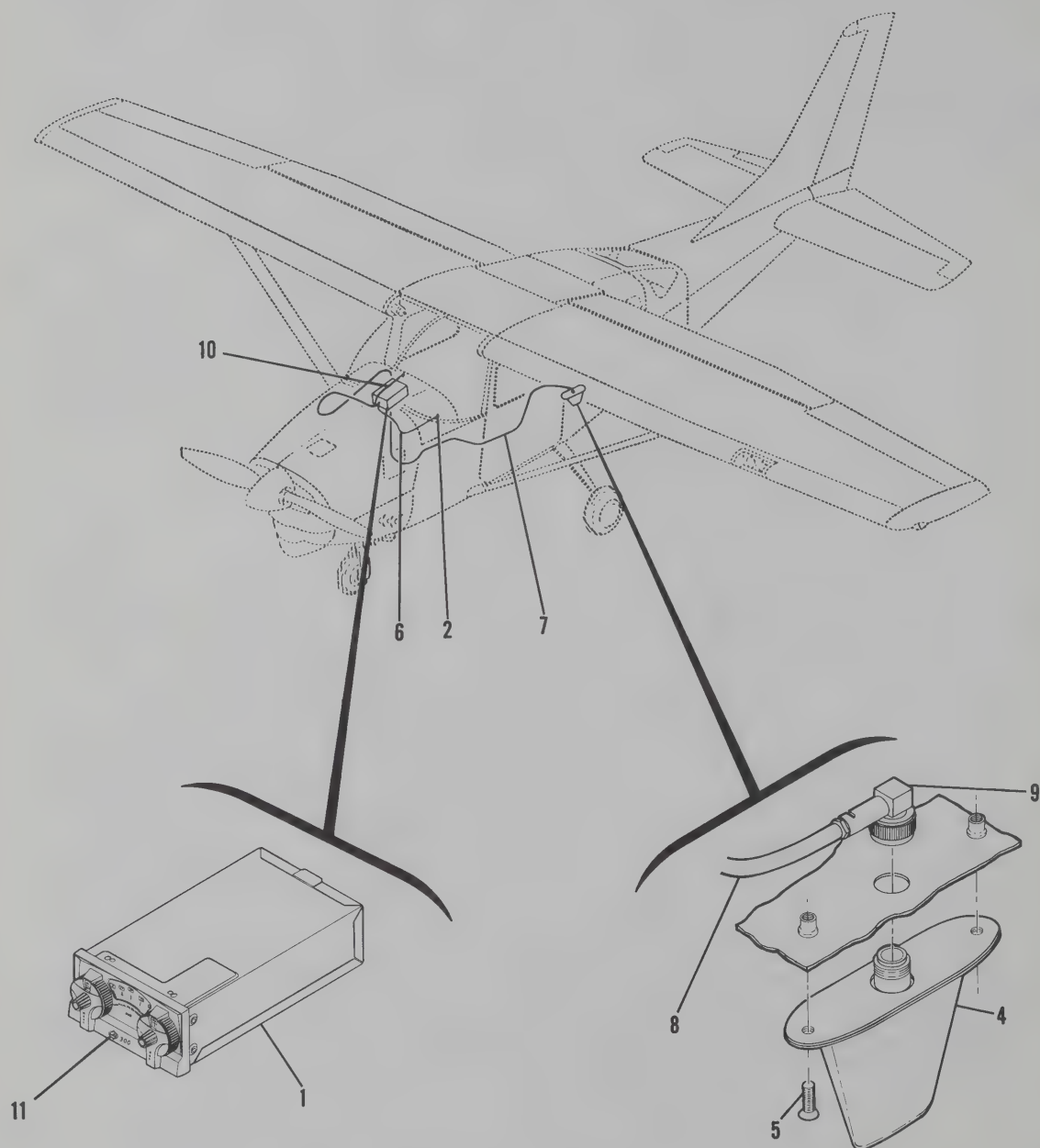
CESSNA 300 DME RADIO INSTALLATION



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

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

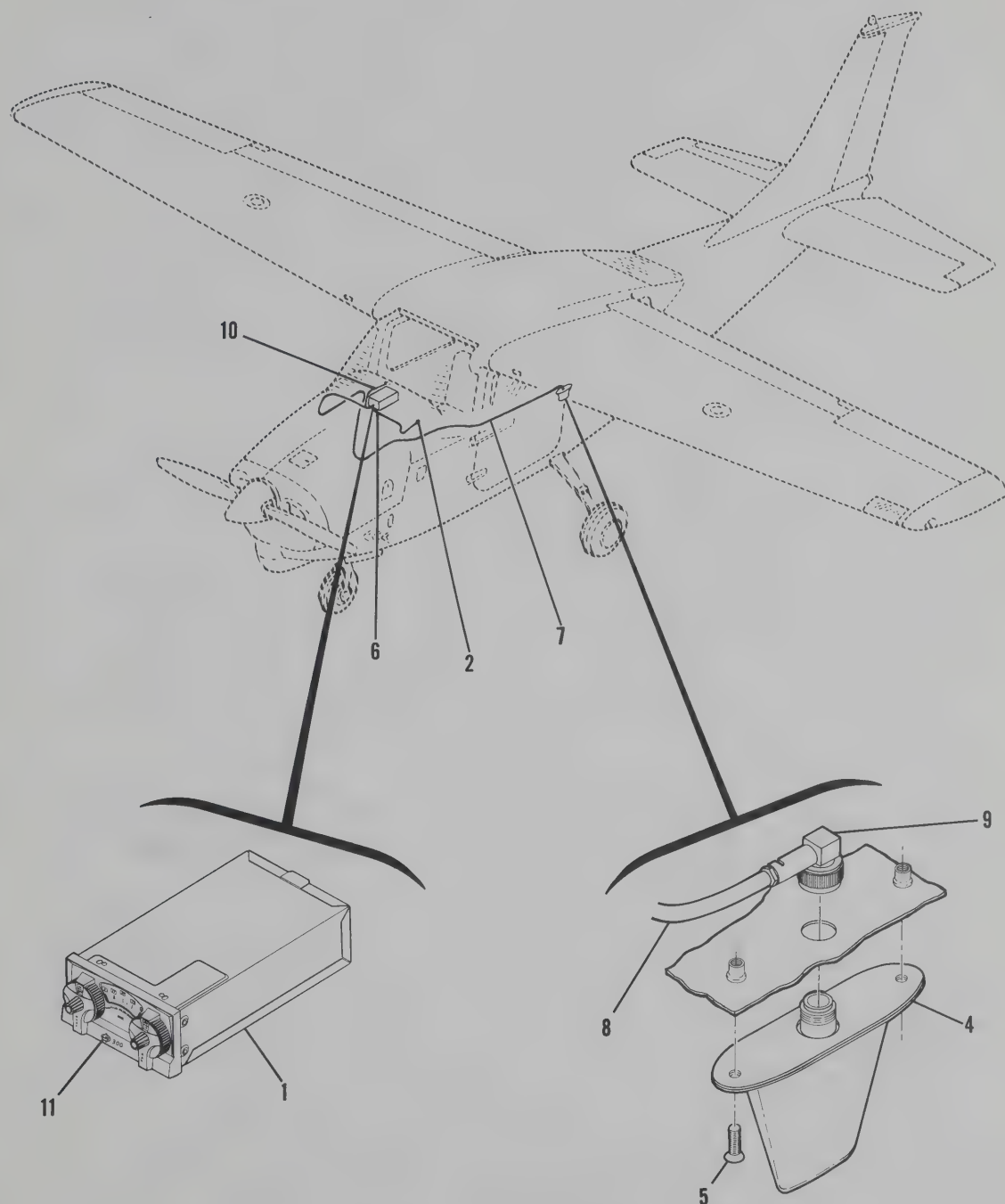
CESSNA 300 DME RADIO INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 2 of 5)

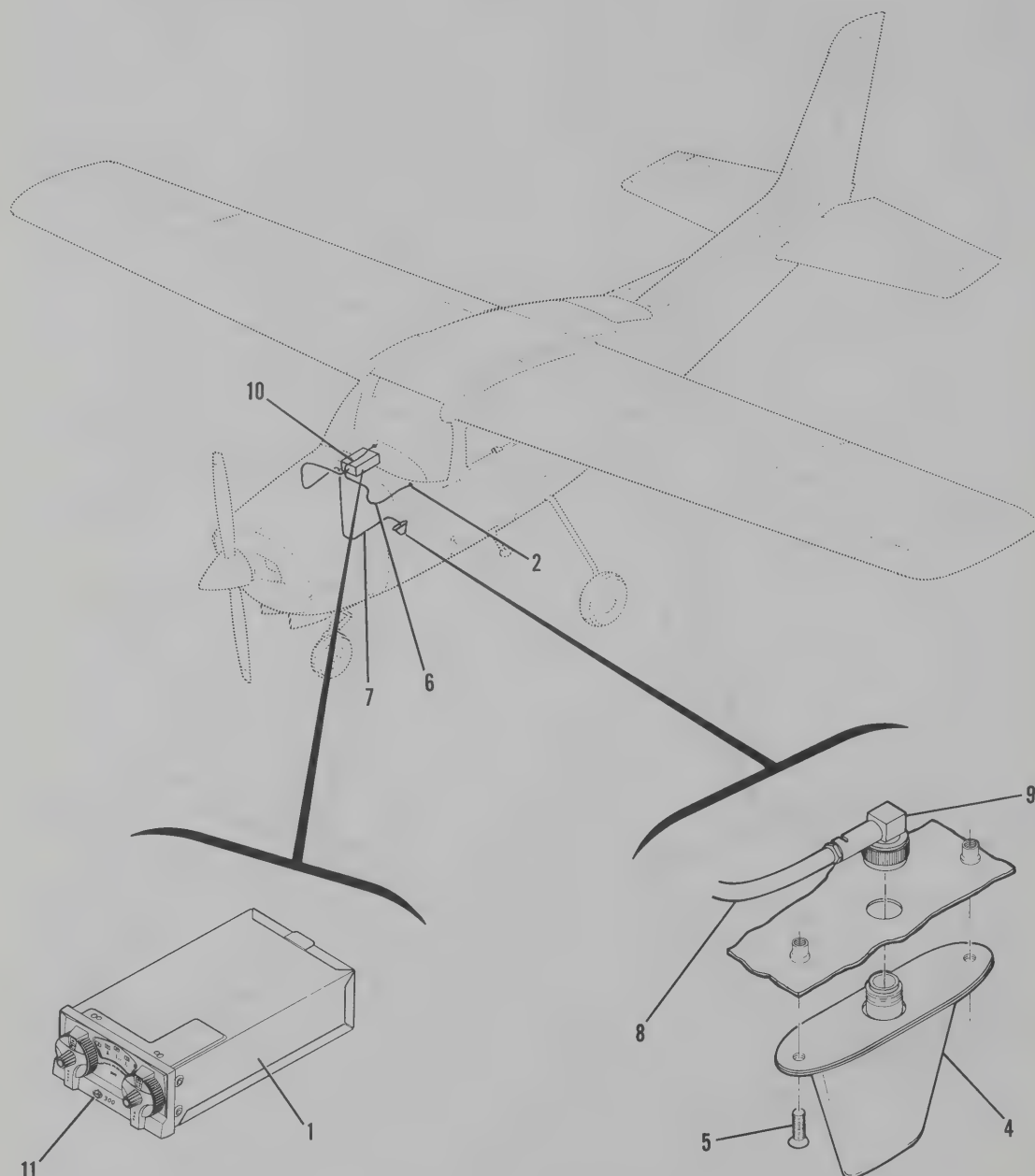
CESSNA 300 DME RADIO INSTALLATION



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

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 3 of 5)

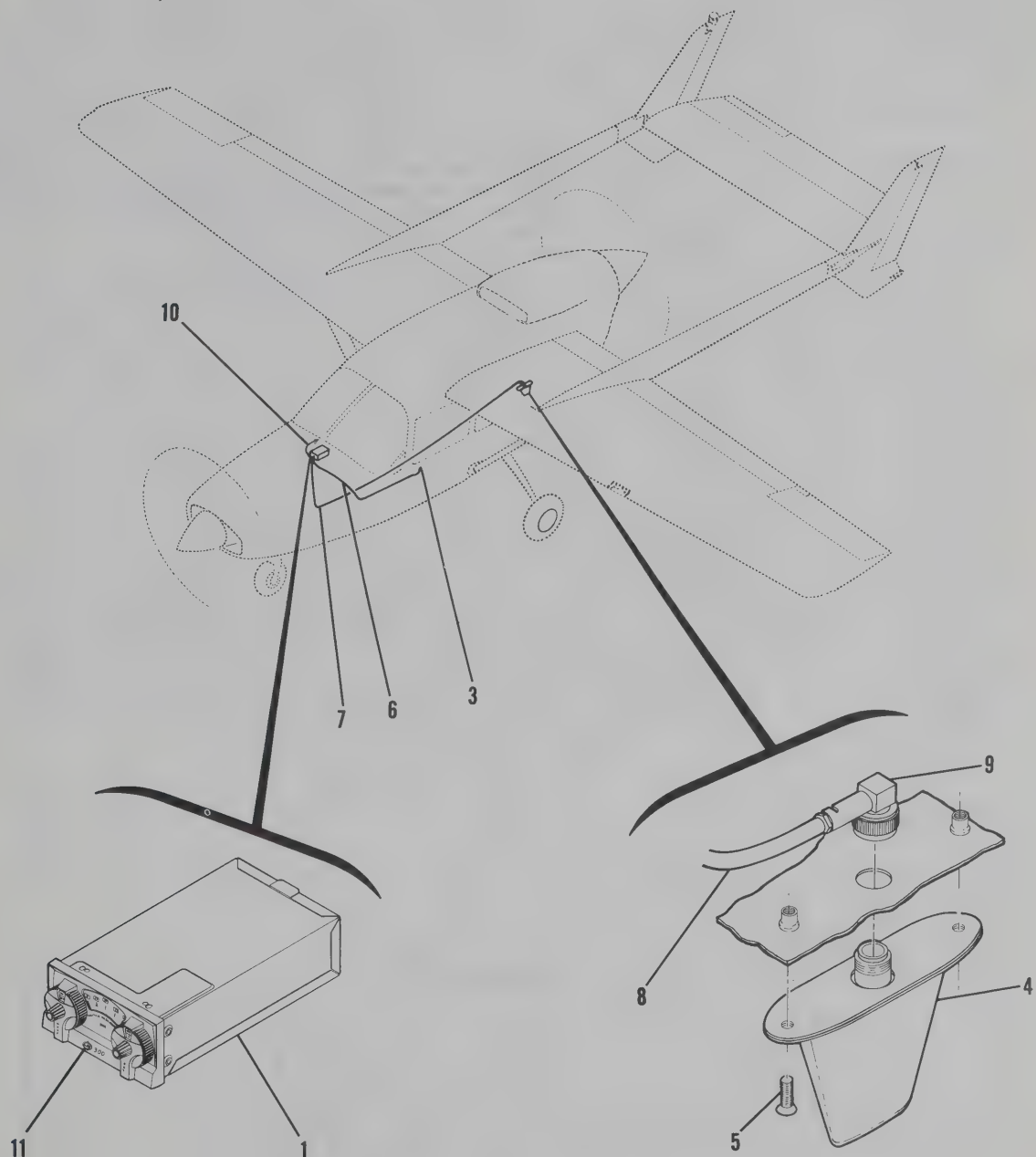
CESSNA 300 DME RADIO INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

Figure 1-6. Cessna 300 DME (Type KN-60) Radio Installation (Sheet 4 of 5)

CESSNA 300 DME RADIO INSTALLATION



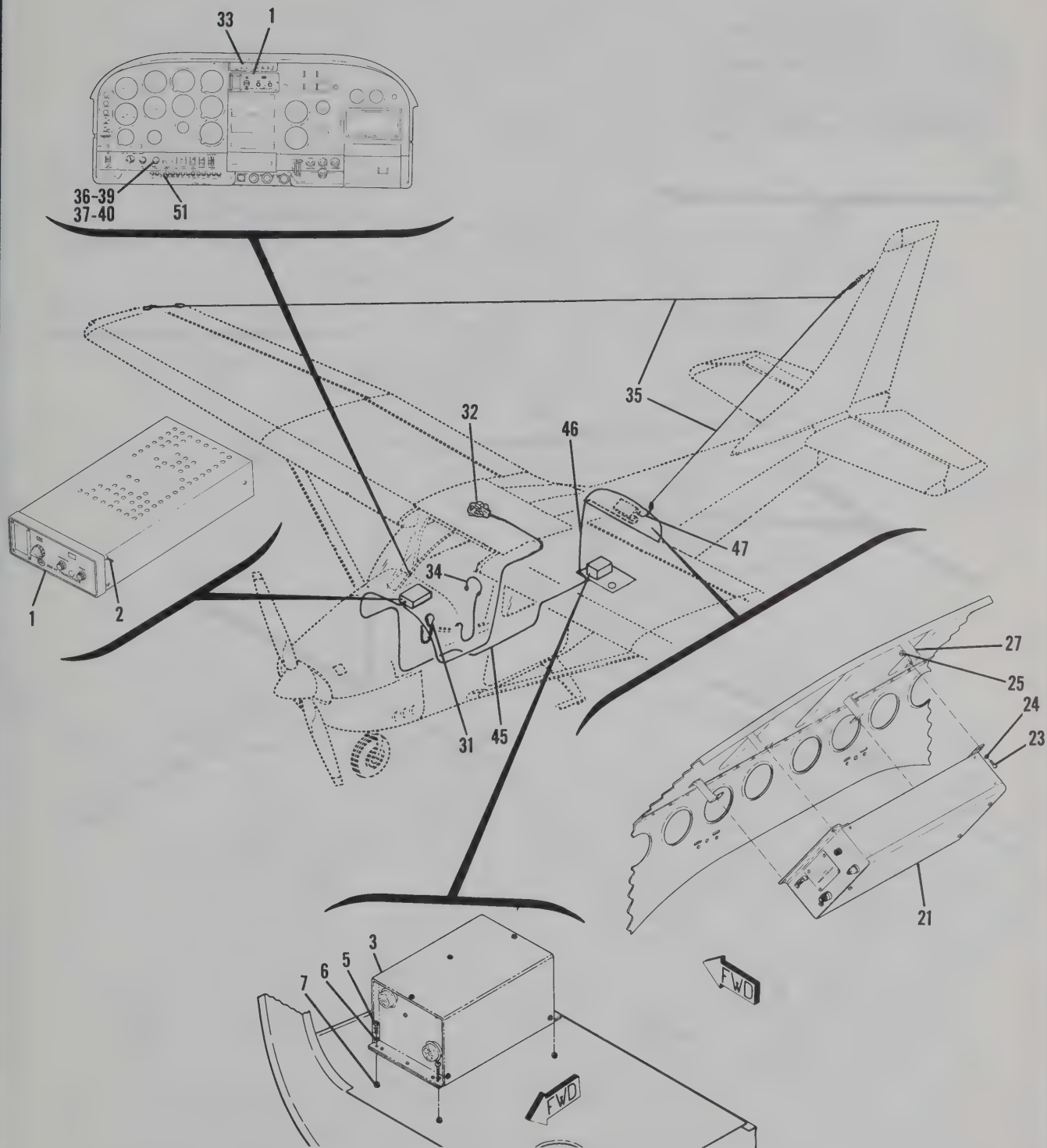
**337 SERIAL 337-0979 & ON
T337 SERIAL T337-0979 & ON
F337 SERIAL F33700001 & ON
FT337 SERIAL F33700001 & ON**

Figure 1-6. Cessna 300 DME (Type KN-60) 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		
1-6-		CESSNA DME 300 -TYPE KN-60 - RADIO INSTALLATION -----	NP	
- 1	C582602-0201	DME RECEIVER-TYPE KN-60B -----	1	
		ATTACHING PARTS -----		
	S102128-6	SCREW -----	4	
	NAS446-4-3	NUT -----	4	
		-----*		
- 2	S1360-10	CIRCUIT BREAKER ALL MODELS EXCEPT 337 -----	1	
- 3	S1360-5	CIRCUIT BREAKER 337 ONLY -----	1	
- 4	KA-32	DME ANTENNA KG -----	1	
		ATTACHING PARTS -----		
	S1648A08K75	RIVNUT -----	2	
- 5	AN507-832R10	SCREW -----	2	
		-----*		
	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	
- 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, P206 SERIES & 210 SERIES ONLY -----	1	
	S2008-1	RHEOSTAT 1970 & ON MODELS 182 & 206 SERIES ONLY -----	1	
	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, P206 SERIES & -----	1	
		210 SERIES ONLY		
	S1995-1	KNOB-RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
	S1980-1	KNOB-RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
	1570164-1	SWITCH ASSY RADIO LIGHT DIMMING 337 SERIES ONLY -----	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	
- 11	S1467-1	BUTTON -----	1	

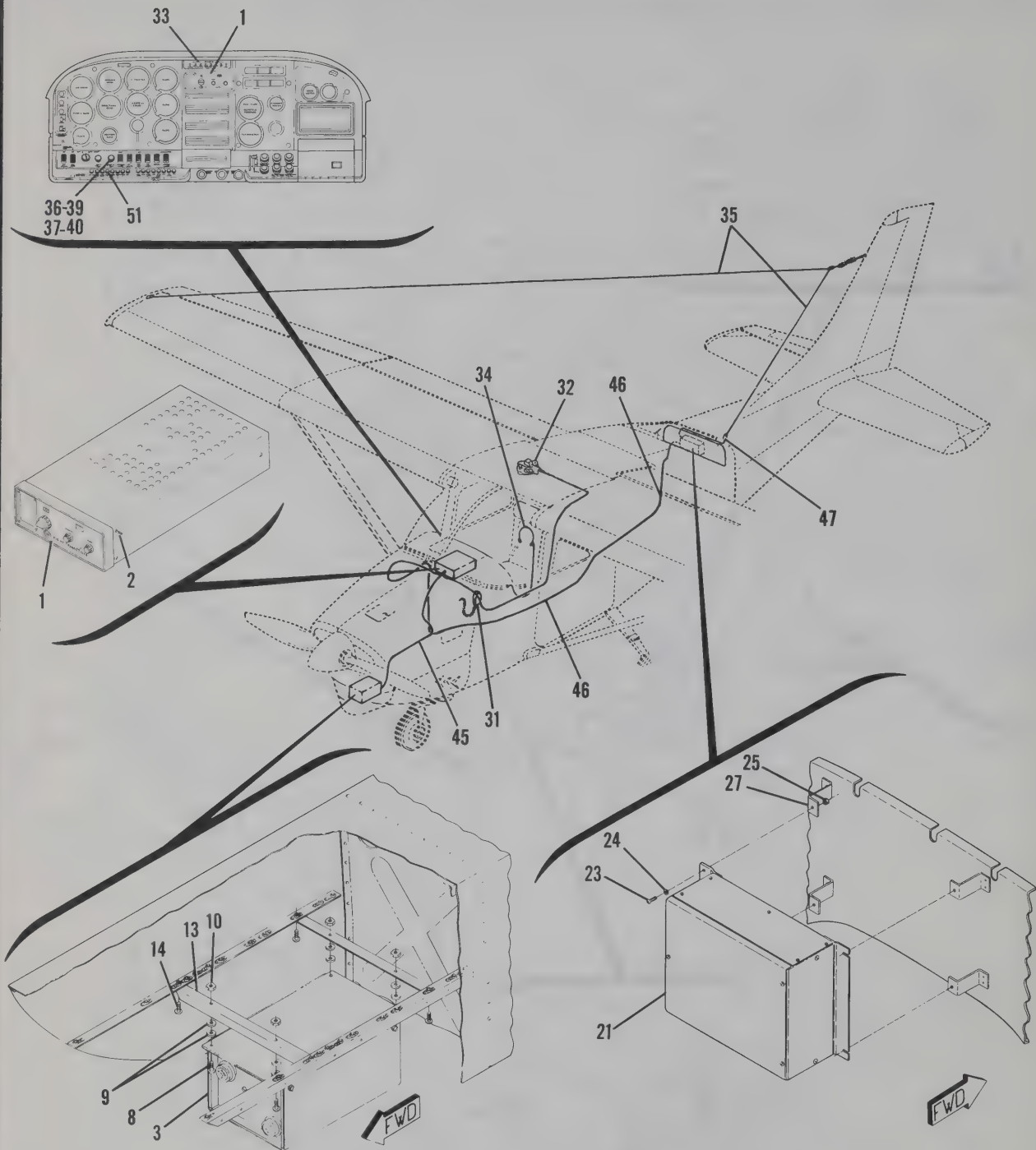
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



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

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

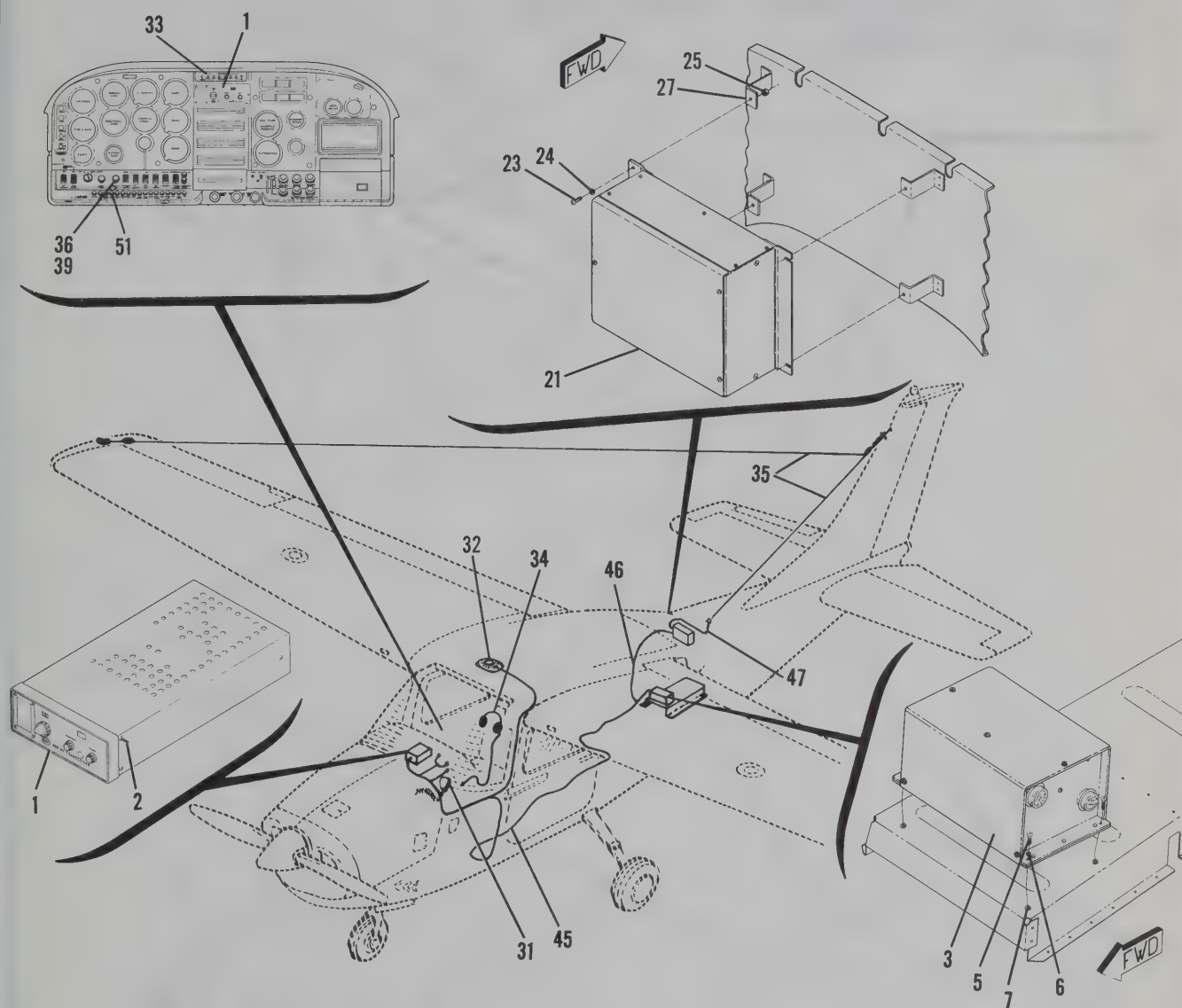
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 2 of 5)

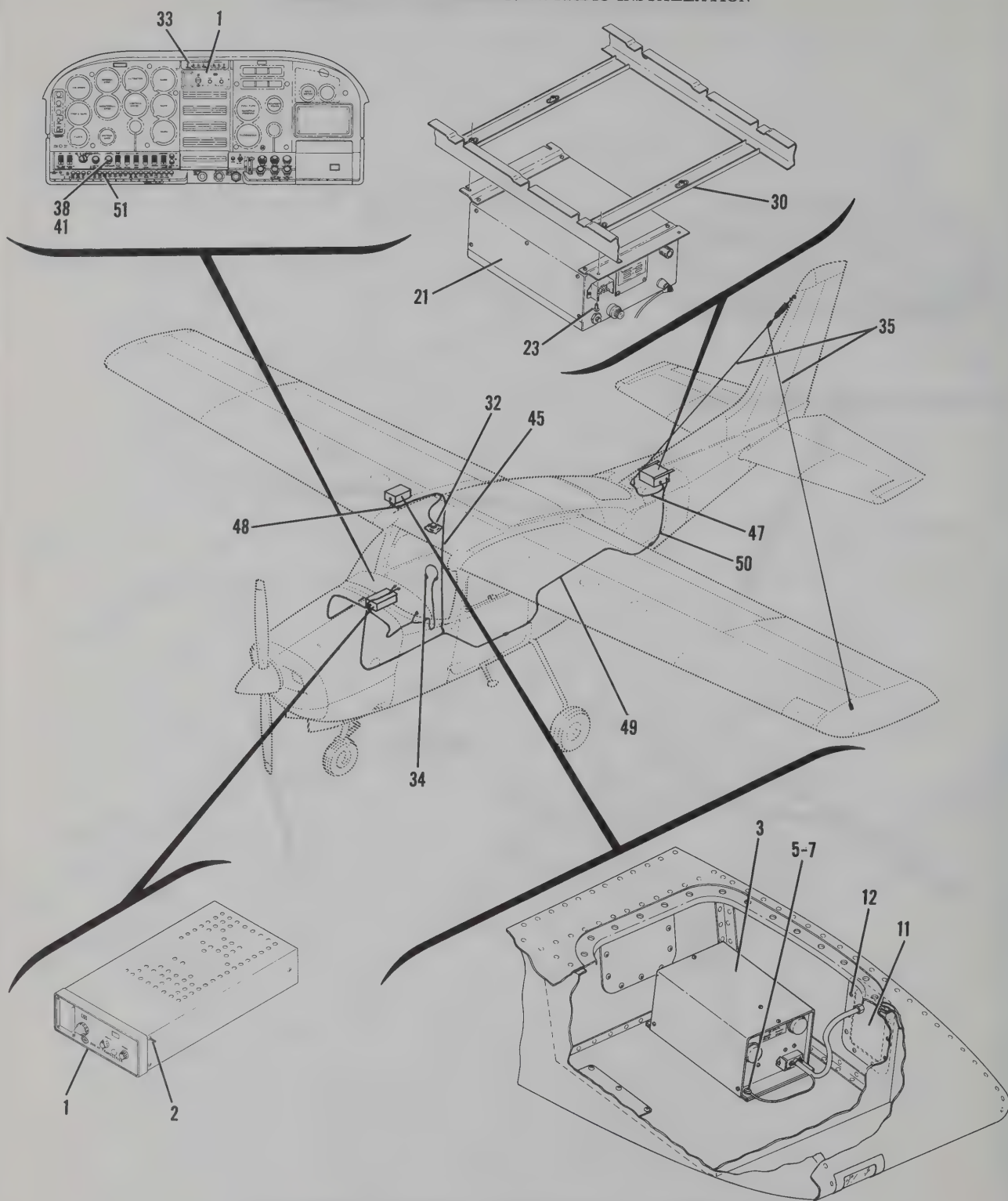
CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



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 3 of 5)

CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 4 of 5)

CESSNA 300 HF TRANSCEIVER RADIO INSTALLATION

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

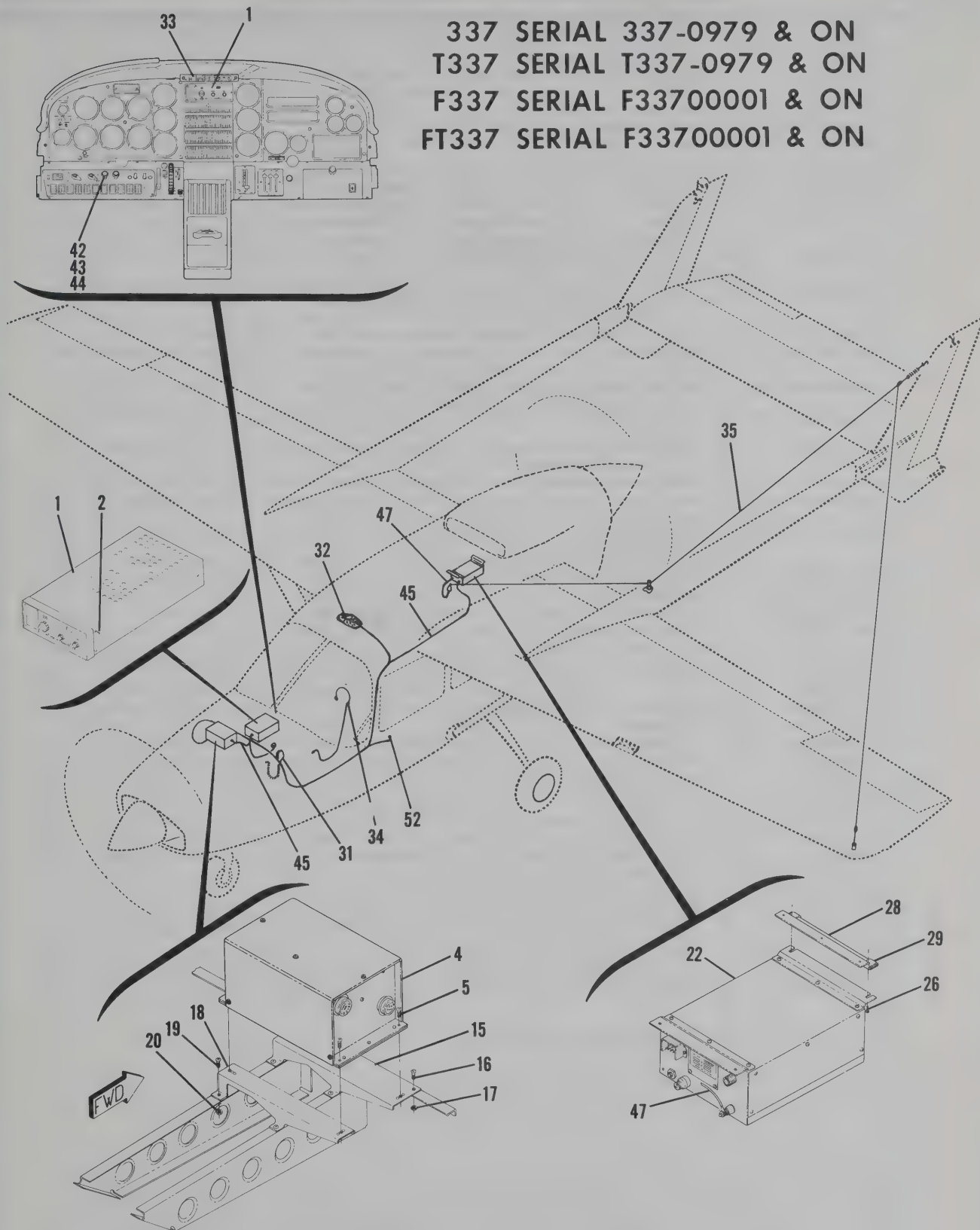


Figure 1-7. Cessna 300 HF Transceiver (Type PT-10A) Radio Installation (Sheet 5 of 5)

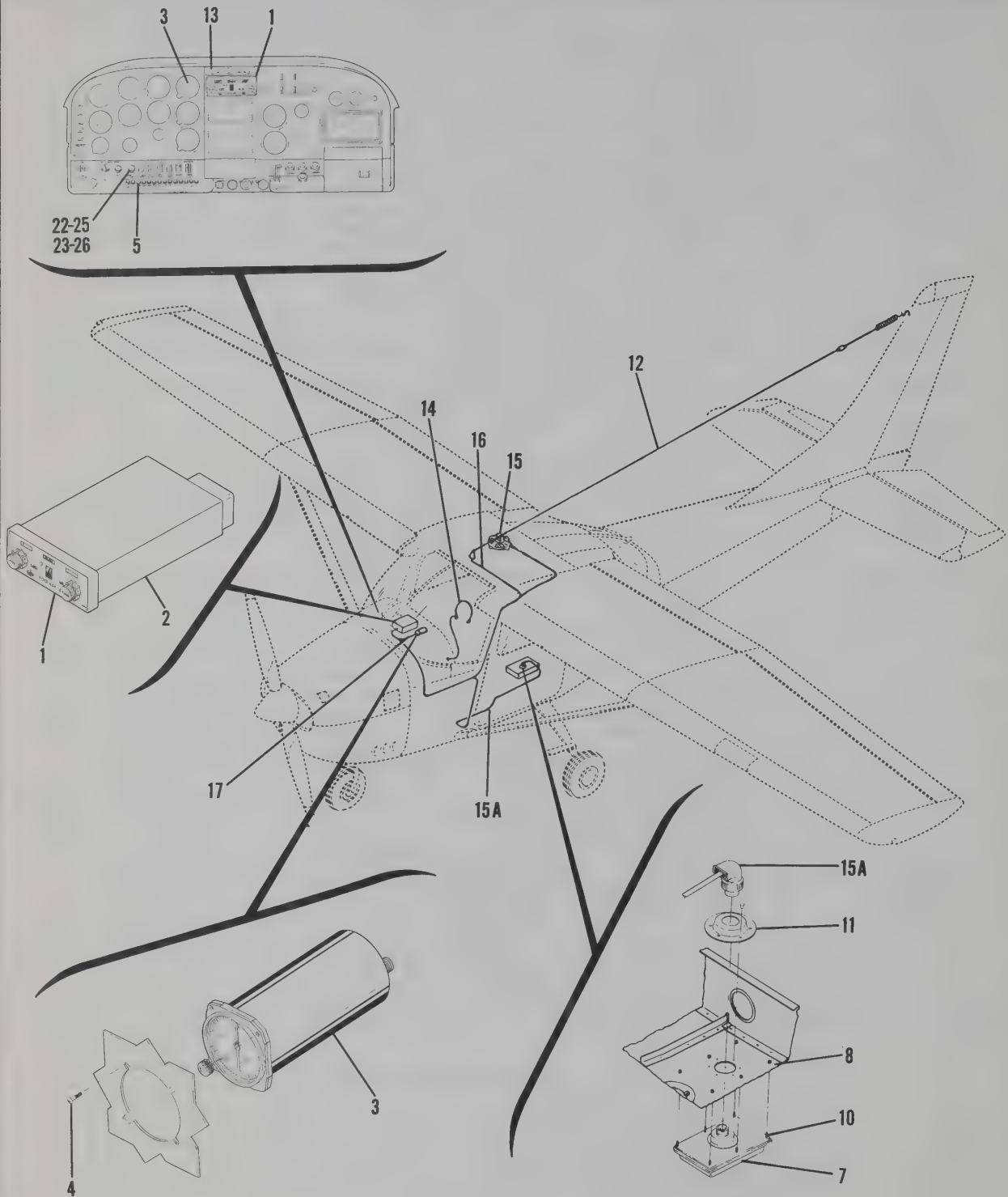


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-7-		CESSNA 300 HF TRANSCEIVER - TYPE PT-10A - RADIO INSTALLATION --	NP	
- 1	C582103-0101	TRANSCEIVER -----	1	
		ATTACHING PARTS		
- 2	S1022Z6-8	SCREW -----	4	
	NAS446-2-3	NUT -----	4	
		-----*		
- 3	C582103-0201	REMOTE UNIT 14 VOLT SYSTEM PNTR -----	1	
- 4	C582103-0301	REMOTE UNIT 28 VOLT SYSTEM PNTR -----	1	
		ATTACHING PARTS		
- 5	AN515-8R8	SCREW 182, 210 SERIES & 337 SERIES ONLY -----	4	
- 6	AN936A8	WASHER 182 & 210 SERIES ONLY -----	4	
- 7	S1648-08-75	RIVNUT 182 & 210 SERIES ONLY -----	4	
- 8	AN515-8R12	SCREW P206 SERIES ONLY -----	4	
- 9	S355-2	SPACER P206 SERIES ONLY -----	8	
- 10	NAS679A08	NUT P206 SERIES ONLY -----	4	
		-----*		
- 11	1221248-1	PLATE 1970 & ON 210 SERIES ONLY REPLACED BY 1221248-9 - WHEN 400 GLIDE SLOPE IS INSTALLED	1	
		ATTACHING PARTS		
	1221253-1	SEAL -----	1	
- 12	AN515-8R6	SCREW -----	10	
		-----*		
- 13	1270627-89	ATTACH ANGLE P206 SERIES ONLY -----	2	
		ATTACHING PARTS		
- 14	AN520-10R6	SCREW -----	4	
		-----*		
- 15	1513629-10	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS		
- 16	AN515-8R8	SCREW -----	5	
- 17	NAS679A08	NUT -----	5	
		-----*		
- 18	1513635-8	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS		
- 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 -----	1	
		ATTACHING PARTS		
- 23	AN515-8R8	SCREW 182, P206 SERIES & 210 SERIES ONLY -----	4	
- 24	AN960-8L	WASHER 182, P206 SERIES & 1969 210 SERIES ONLY -----	4	
- 25	NAS679A08	NUT 182, P206 SERIES & 1969 210 SERIES ONLY -----	4	
- 26	AN1021Z6-4	SCREW 337 SERIES ONLY -----	4	
		-----*		
- 27	1212015-1	SUPPORT ASSY 182, P206 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 -----	2	
		ATTACHING PARTS		
	AN515-6R7	SCREW -----	8	
	AN679A06	NUT -----	8	
		-----*		
- 31	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 32	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
- 33	SEE FIG 4-1	TRANSMITTER SELECTOR SWITCH & AUDIO AMPLIFIER INSTL -----	1	
- 34	SEE FIG 4-4	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	
		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		
1-7- 36	S1880-3	RHEOSTAT 1969 MODELS 182, P206 SERIES & 210 SERIES ONLY -	1	
- 37	S2008-1	RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
- 38	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 39	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, P206 SERIES & -----	1	
		210 SERIES ONLY		
- 40	S1995-1	KNOB-RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY ---	1	
- 41	S1980-1	KNOB-RHEOSTAT 1970 & ON MODEL 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	
- 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	
		MODELS EXCEPT 1970 & ON 210 SERIES		
	17005	CONNECTOR CONNECTS TO ANT LOAD BOX PNTR ALL ---	1	
		MODELS EXCEPT 1970 & ON 210 SERIES		
	S1838-2	HOUSING CONNECTS TO AUDIO JUNCTION BOX USED ONLY --	1	
		ON FIRST RADIO INSTALLATION		
	S1838-1	HOUSING CONNECTS TO AUDIO JUNCTION BOX USED ONLY --	AR	
		ON SECOND RADIO INSTALLATIONS		
	S1838-3	HOUSING CONNECTS TO AUDIO JUNCTION BOX USED ONLY --	AR	
		ON THIRD RADIO INSTALLATIONS		
	S1962-2-0	HOUSING-CAP CONNECTS TO RH WING ROOT 1970 & ON 210	1	
		SERIES ONLY		
	S1962-1-0	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	
		ALL MODELS EXCEPT 1970 & ON 210 SERIES		
	UG-88C/U	PLUG - COAXIAL CONNECTS TO LOAD BOX CABLE AT STA. -----	1	
		55.62 1970 & ON 210 SERIES ONLY		
	S1962-1-0	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	
- 48	S1367-1-10	TERMINAL -----	2	
		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		
- 50	S1962-2-0	HOUSING-CAP -----	2	
		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	
- 52	S1360-10	CIRCUIT BREAKER 337 SERIES ONLY -----	1	

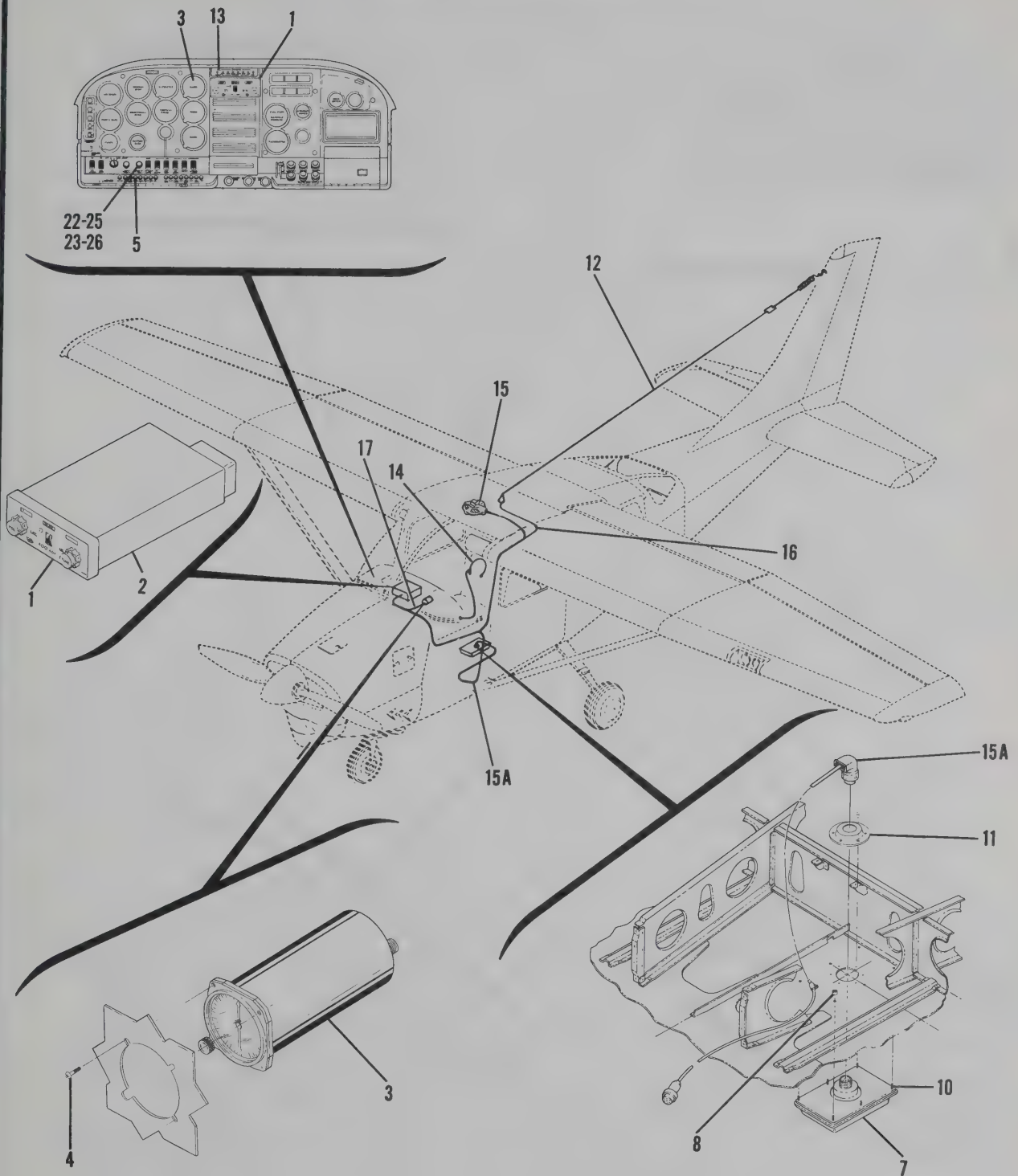
CESSNA 400 ADF RADIO INSTALLATION



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

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

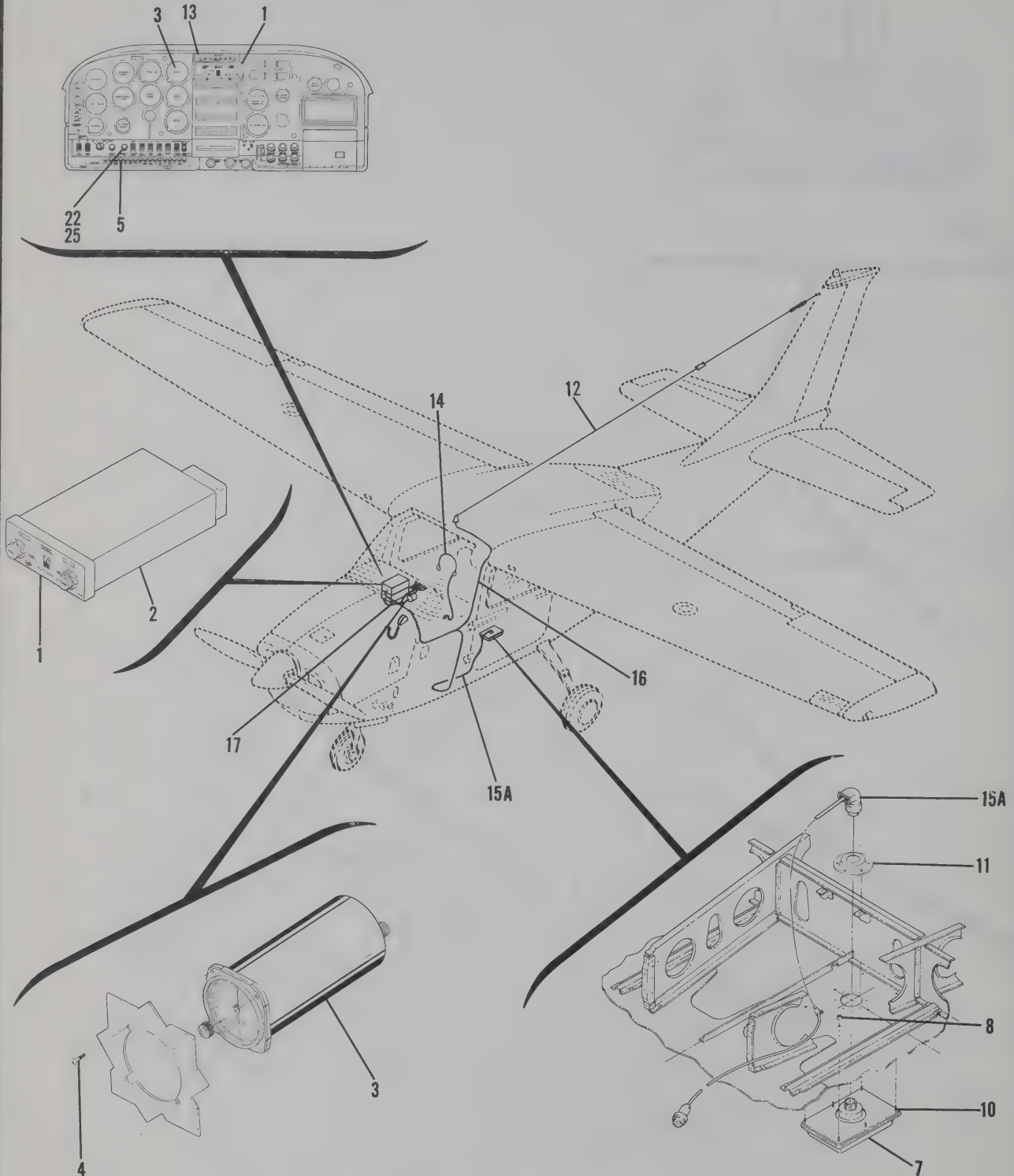
CESSNA 400 ADF RADIO INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 2 of 5)

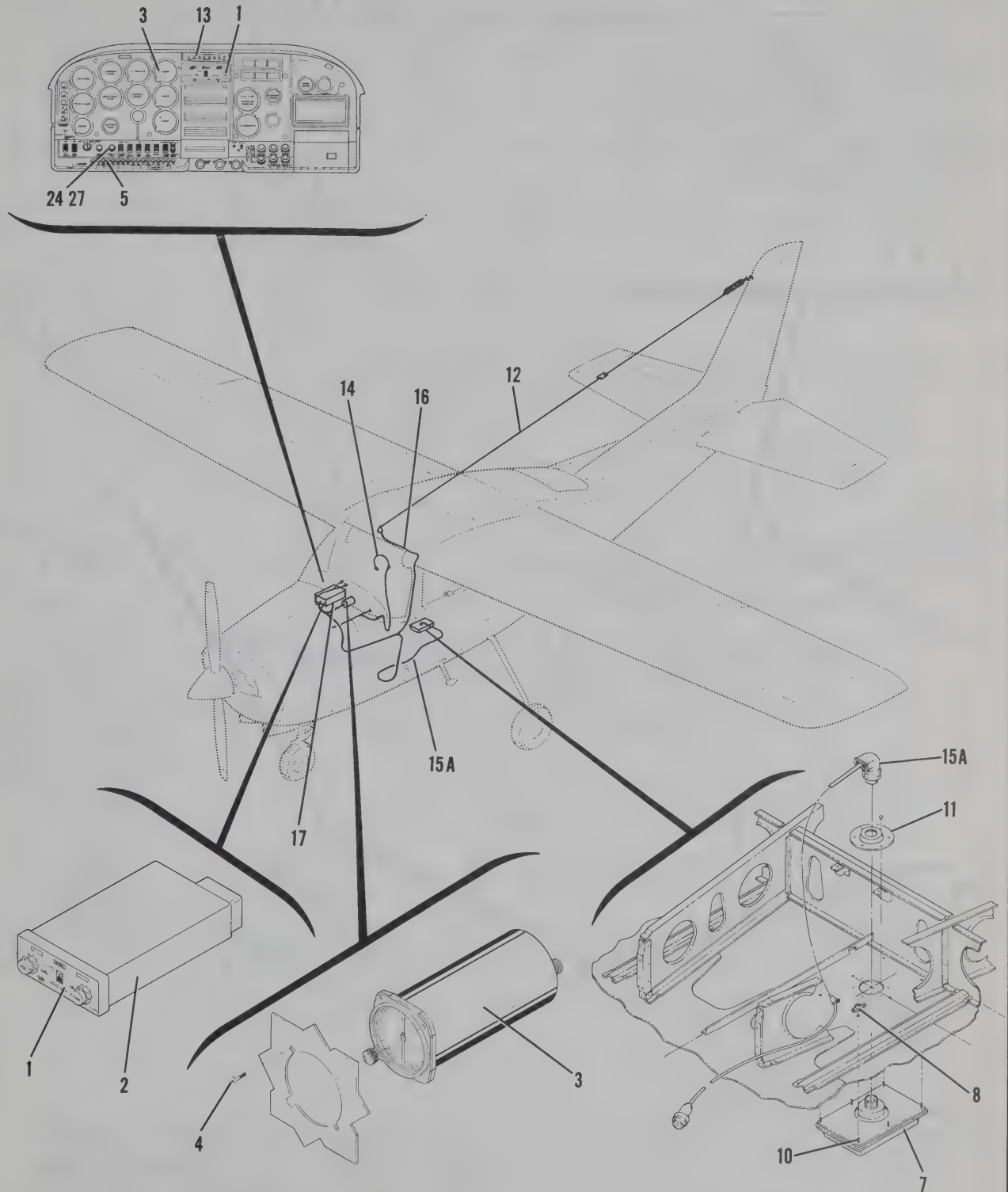
CESSNA 400 ADF RADIO INSTALLATION



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

Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 3 of 5)

CESSNA 400 ADF RADIO INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

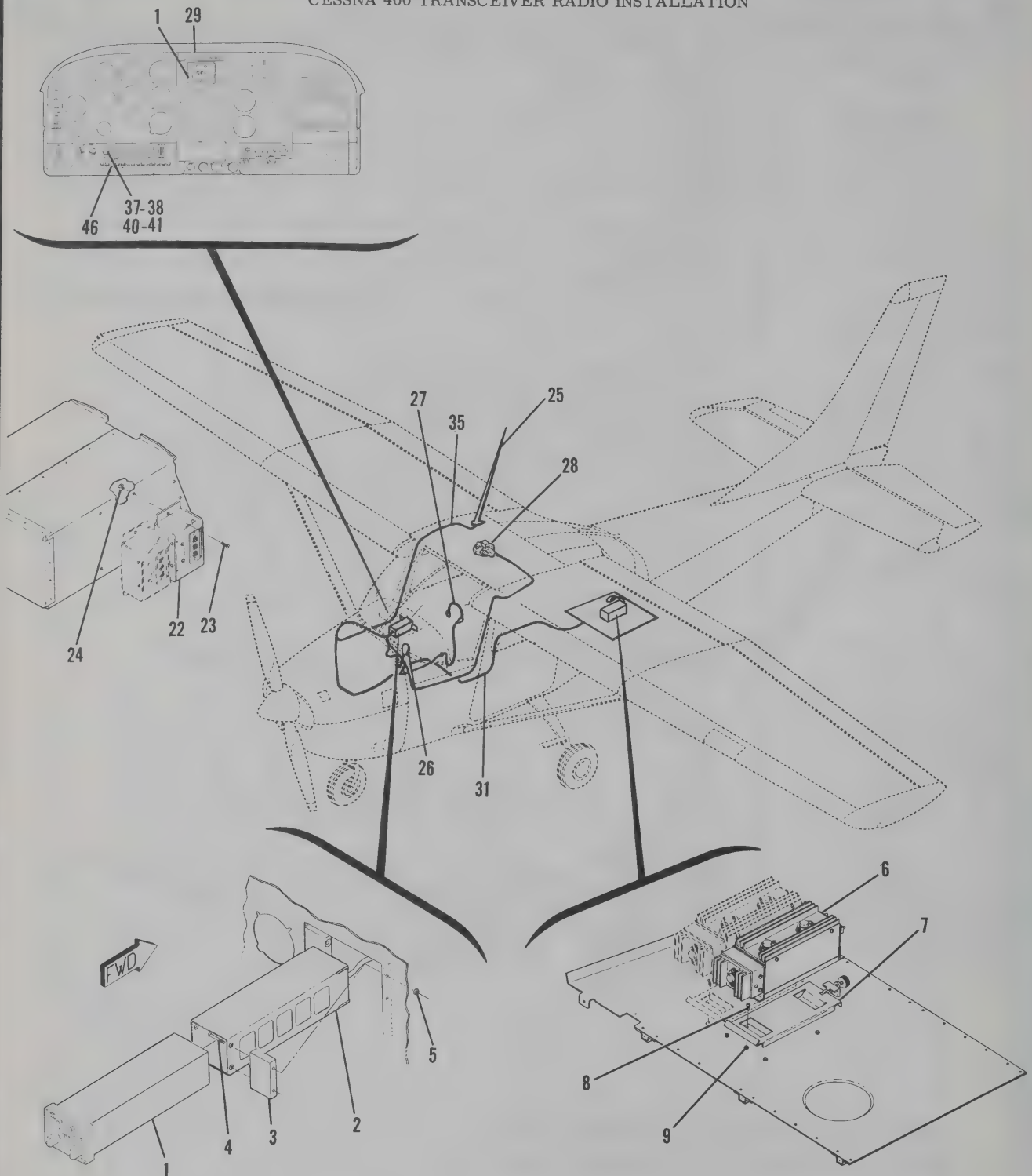
Figure 1-8. Cessna 400 ADF (Type R-324A) Radio Installation (Sheet 4 of 5)



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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-8-		CESSNA 400 ADF -TYPE R-324A- RADIO INSTALLATION -----	NP	
- 1	36380-1000	RECEIVER WITH BFO ARC -----	1	
- 2	35209	MOUNTING - RECEIVER ARC -----	1	
		ATTACHING PARTS -----		
	S1022Z6-6	SCREW -----	4	
	NAS446-2-3	NUT -----	4	
		-----*		
- 3	38450-0003	INDICATOR ARC ALTERNATE PART NO. IS 38450-0006 -----	1	
		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 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 FIG 4-1	AUDIO TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
- 14	SEE FIG 4-4	HEADPHONE INSTALLATION -----	1	
- 15	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
-15A	33827-0000	LOOP CABLE ASSY LOOP ANT TO GONIOMETER INDICATOR ARC -----	1	
- 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, P206 SERIES & 210 SERIES ONLY -	1	
- 23	S2008-1	RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
- 24	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 25	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, P206 SERIES & -----	1	
		210 SERIES ONLY -----		
- 26	S1995-1	KNOB - RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -	1	
- 27	S1980-1	KNOB - RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 28	1570164-1	SWITCH ASSY-RADIO LIGHT DIMMING -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
- 29	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
- 30	S1980-3	KNOB-RHEOSTAT 1970 & ON MODEL 337 SERIES ONLY -----	1	

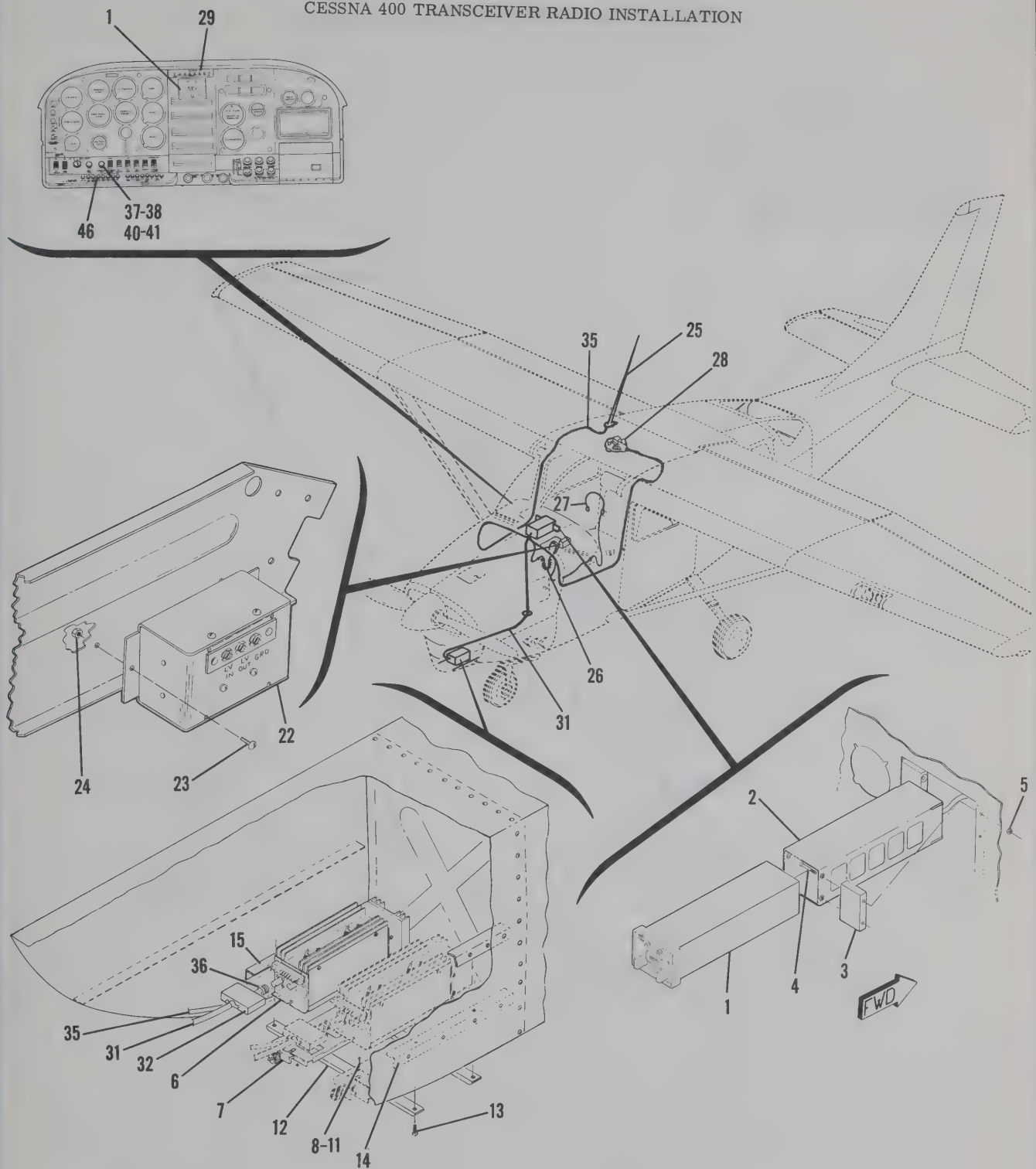
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



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

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

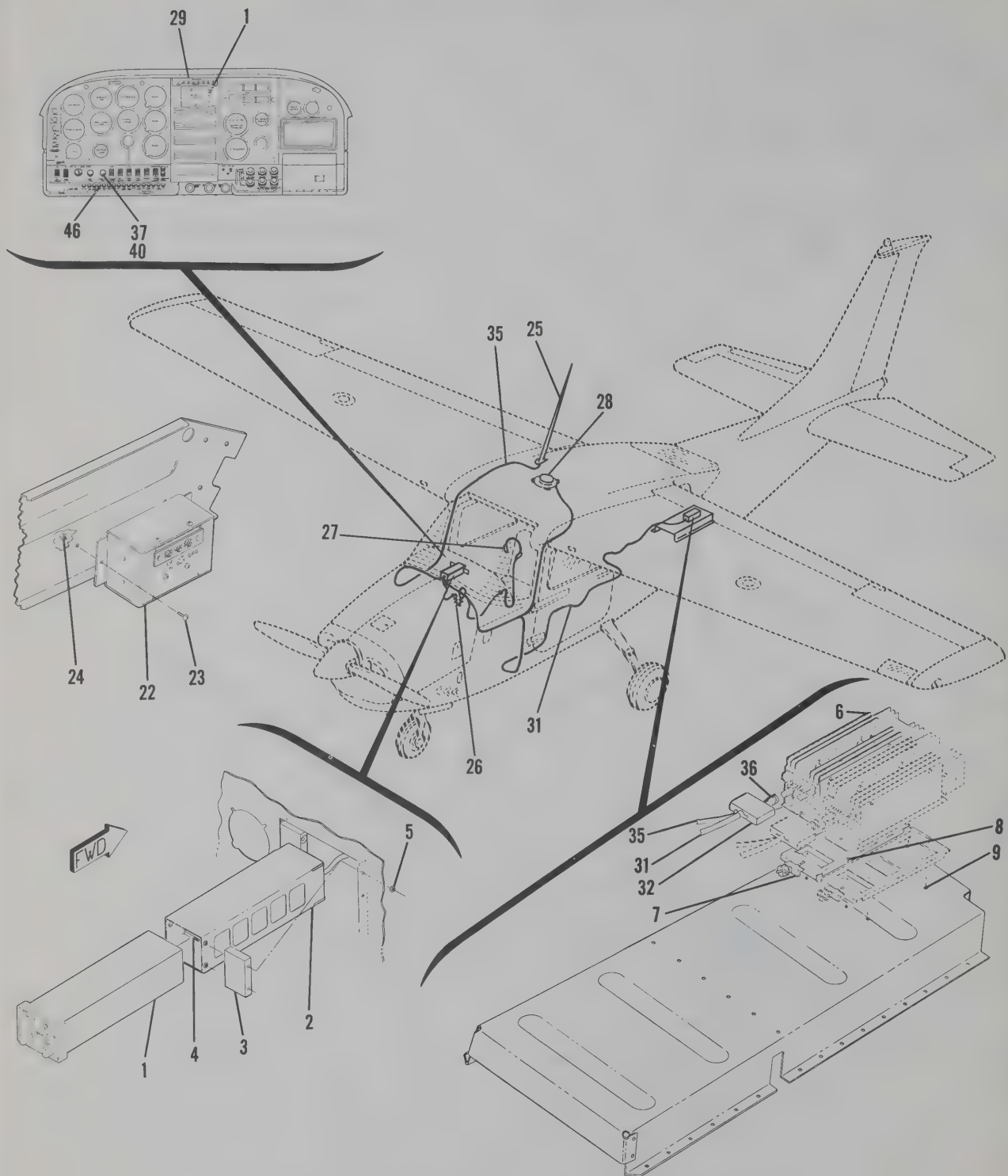
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 2 of 5)

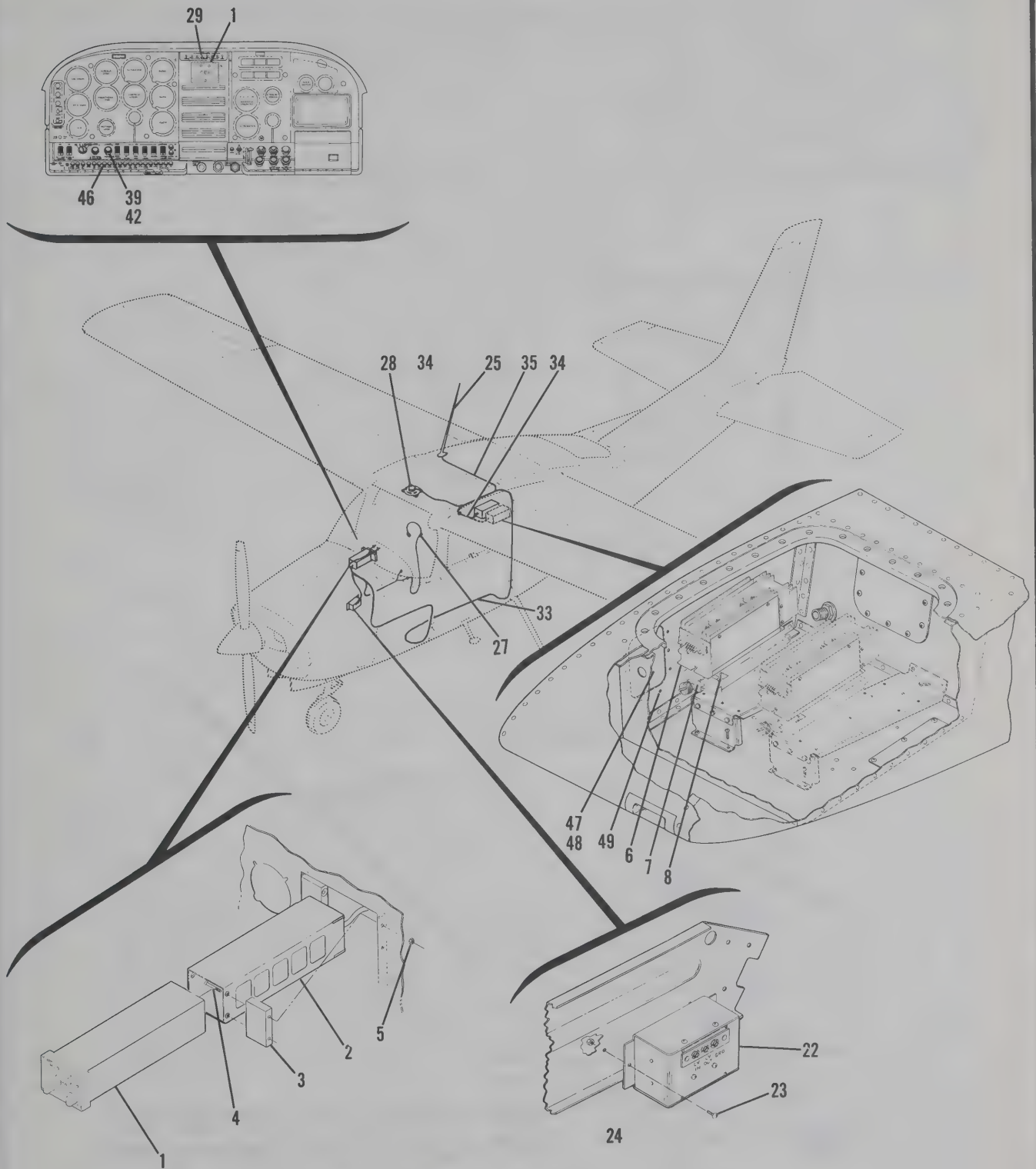
CESSNA 400 TRANSCIVER RADIO INSTALLATION



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

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 3 of 5)

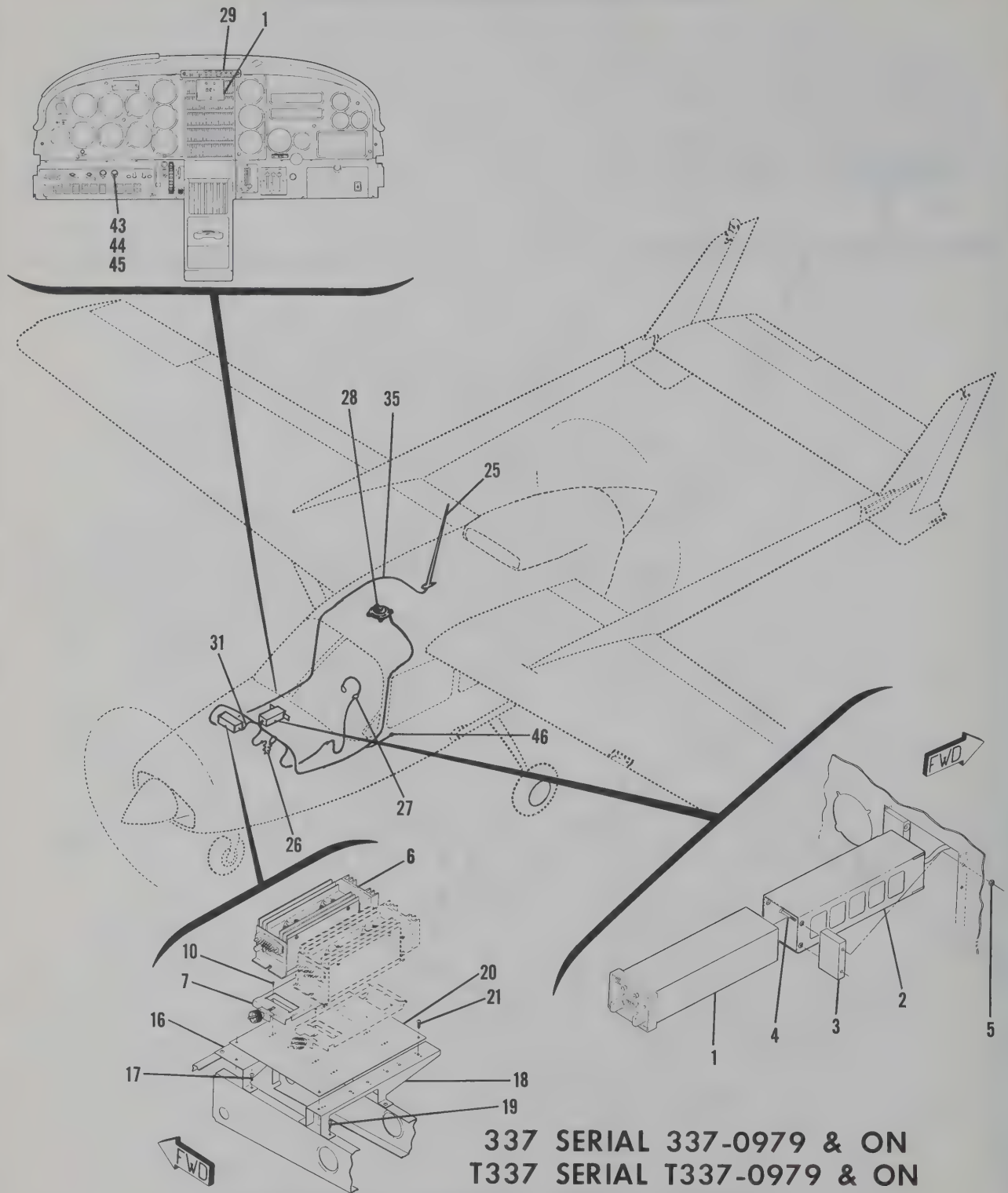
CESSNA 400 TRANSCEIVER RADIO INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 4 of 5)

CESSNA 400 TRANSCEIVER RADIO INSTALLATION



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

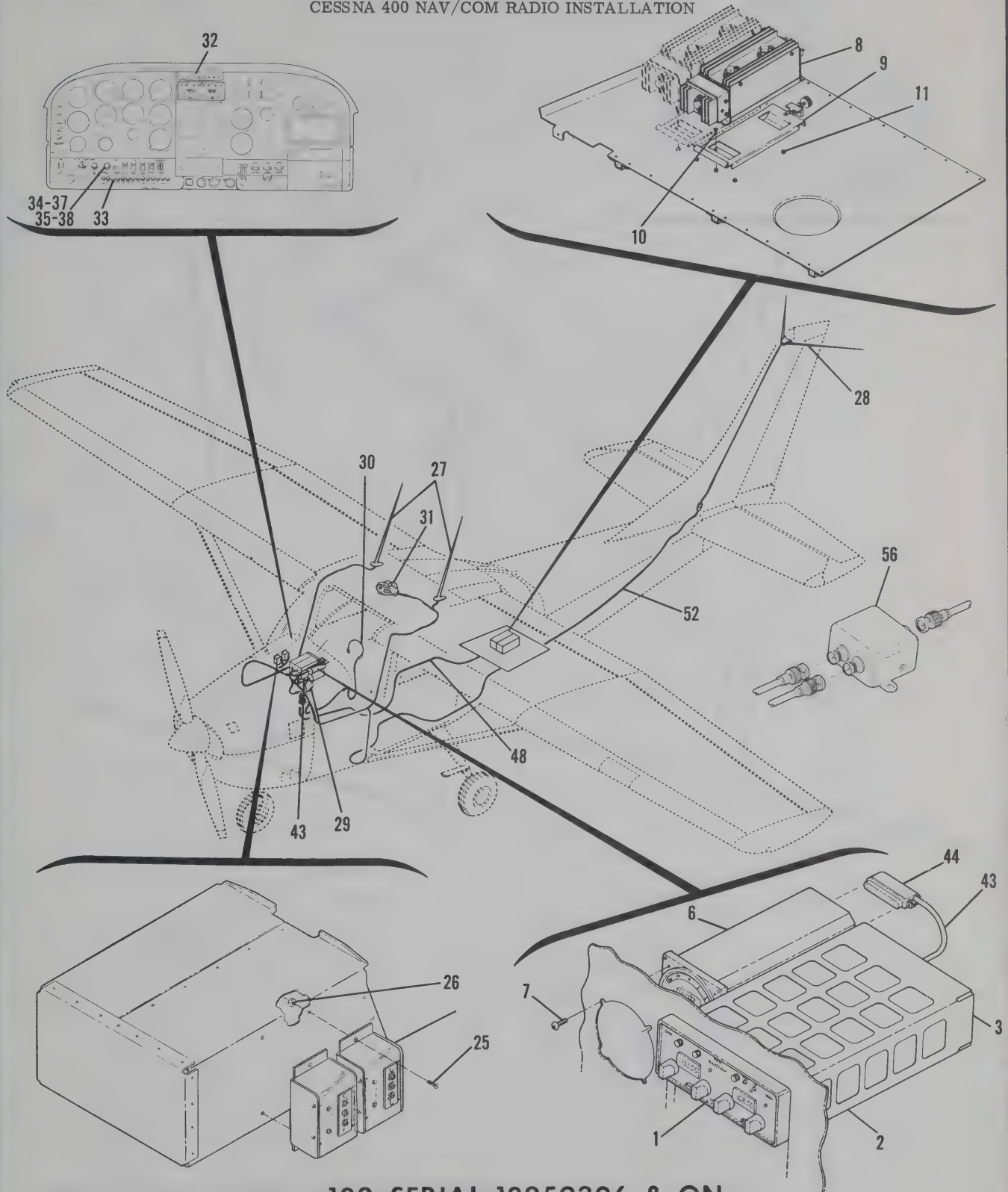
Figure 1-9. Cessna 400 Transceiver (Type RT-532A) Radio Installation (Sheet 5 of 5)

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-9-		CESSNA 400 TRANSCIVER RADIO INSTALLATION - TYPE RT-532 -----	NP	
- 1	33570-1000	RECEIVER-TRANSMITTER TYPE RT-532A ARC -----	1	
- 2	37525-0081	MOUNTING KIT ARC -----	1	
		ATTACHING PARTS -----		
- 3	1270056-1	SPACER -----	2	
- 4	AN507-632R3	SCREW -----	4	
- 5	NAS679A06	NUT -----	4	
		-----*		
- 6	36600-C000	REMOTE UNIT TYPE RTA-532B WHEN EXHAUSTED -----	1	
		USE 38960 ARC -----		
	38960-0014	REMOTE UNIT TYPE RTA-532B-1 USED ON -----	1	
		ALL MODELS EXCEPT 337 SERIES ARC -----		
	38960-0028	REMOTE UNIT TYPE RTA-532B-1 USED -----	1	
		ON MODEL 337 SERIES ONLY ARC -----		
- 7	35540-0000	MOUNTING - REMOTE UNIT TYPE M-532A ARC -----	1	
		ATTACHING PARTS -----		
- 8	AN515-6R10	SCREW 182 SERIES, P206 SERIES & 210 SERIES ONLY -----	4	
- 9	S1648-06-75	RIVNUT 182 SERIES & 1969 MODEL 210 SERIES ONLY -----	4	
- 10	AN515-8R10	SCREW 337 SERIES ONLY -----	4	
- 11	NAS679A06	NUT P206 SERIES ONLY -----	4	
		-----*		
- 12	1270627-91	ATTACH ANGLE P206 SERIES ONLY -----	2	
		ATTACHING PARTS -----		
- 13	AN520-10R6	SCREW -----	4	
		-----*		
- 14	1270627-93	SIDE ANGLE ASSY LH P206 SERIES ONLY -----	1	
- 15	1270627-94	SIDE ANGLE ASSY RH P206 SERIES ONLY -----	1	
- 16	1513629-1	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
- 17	AN515-8R8	SCREW -----	5	
	NAS679A08	NUT -----	5	
		-----*		
- 18	1513635-1	SUPPORT ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
- 19	AN515-8R8	SCREW -----	4	
	NAS679A08	NUT -----	4	
		-----*		
- 20	1513313-3	PLATE ASSY 337 SERIES ONLY -----	1	
		ATTACHING PARTS -----		
- 21	AN515-8R8	SCREW -----	4	
		-----*		
- 22	37243-0000	FILTER ASSY 12 VOLT AIRCRAFT ONLY ARC -----	1	
		ATTACHING PARTS -----		
- 23	AN515-6R8	SCREW -----	2	
- 24	NAS679A06	NUT -----	2	
		-----*		
- 25	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
- 26	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 27	SEE FIG 4-4	HEADPHONE INSTALLATION -----	1	
- 28	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
- 29	SEE FIG 4-1	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
- 30	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	AR	
- 31		CABLE ASSEMBLY-MAIN ALL MODELS EXCEPT 1970 & ON -----	NP	
		210 SERIES -----		
	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	
- 33		CABLE ASSY - MAIN RECEIVER-TRANSMITTER TO LH WING ROOT --	NP	
		1970 & ON 210 SERIES ONLY -----		
	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	
	S1691-2-4	HOUSING-CAP CONNECTS TO REMOTE UNIT CABLE IN LH -----	1	
		WING ROOT -----		
	UG-88C/U	PLUG-COAXIAL CONNECTS TO REMOTE UNIT CABLE IN LH -----	2	
		WING ROOT -----		
	S1367-1-6	TERMINAL CONNECTS TO FILTER ASSY ON 14 VOLT AIRCRAFT --	3	
		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		
1-9- 34		CABLE ASSY-MAIN REMOTE UNIT TO LH WING ROOT -----	NP	
		1970 & ON 210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-909/U	JACK-COAXIAL CONNECTS TO XCVR CABLE AT LH WING ROOT ---	2	
	S1961-1-4	HOUSING-PLUG CONNECTS TO XCVR CABLE AT LH WING ROOT ---	1	
	36363-0C00	CONNECTOR KIT ATTACHES TO REMOTE UNIT ARC -----	1	
- 35		CABLE ASSY-VHF ANTENNA -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
- 36	UG-88C/U	CONNECTOR CONNECTS TO RECEIVER-TRANSMITTER -----	1	
	UG-913/U	CONNECTOR CONNECTS TO VHF ANTENNA -----	1	
	UG-909/U	JACK-COAXIAL CONNECTS TO LH WING ROOT & MATES WITH ----	1	
		PLUG FROM XCVR CABLE 1970 & ON 210 SERIES ONLY		
	UG-88C/U	PLUG-COAXIAL CONNECTS TO LH WING ROOT & MATES WITH ----	1	
		JACK FROM REMOTE UNIT CABLE 1970 & ON 210 SERIES ONLY		
- 37	S1880-3	RHEOSTAT 1969 MODELS 182, P206 SERIES & 210 SERIES ONLY -	1	
- 38	S2008-1	RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
- 39	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 40	S1753-7	KNOB-RHEOSTAT 1969 MODELS 182, P206 SERIES & -----	1	
		210 SERIES ONLY		
- 41	S1995-1	KNOB-RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY ---	1	
- 42	S1980-1	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 43	1570164-1	SWITCH ASSY-RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
- 44	S1753-6	KNOB-RHEOSTAT 1969 MODEL 337 SERIES ONLY -----	1	
- 45	S1980-3	KNOB-RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 46	S1360-5	CIRCUIT BREAKER -----	1	
- 47	1221248-7	PLATE USED ONLY WHEN A SINGLE TRANSCEIVER IS INSTALLED --	1	
		1970 & ON 210 SERIES ONLY SEE ITEM 48		
- 48	1221248-6	PLATE REPLACES ITEM 47 WHEN DUAL TRANSCEIVERS ARE -----	1	
		INSTALLED 1970 & ON 210 SERIES ONLY		
		ATTACHING PARTS		
		SEAL -----	1	
- 49	AN515-8R6	SCREW -----	10	
		-----*		

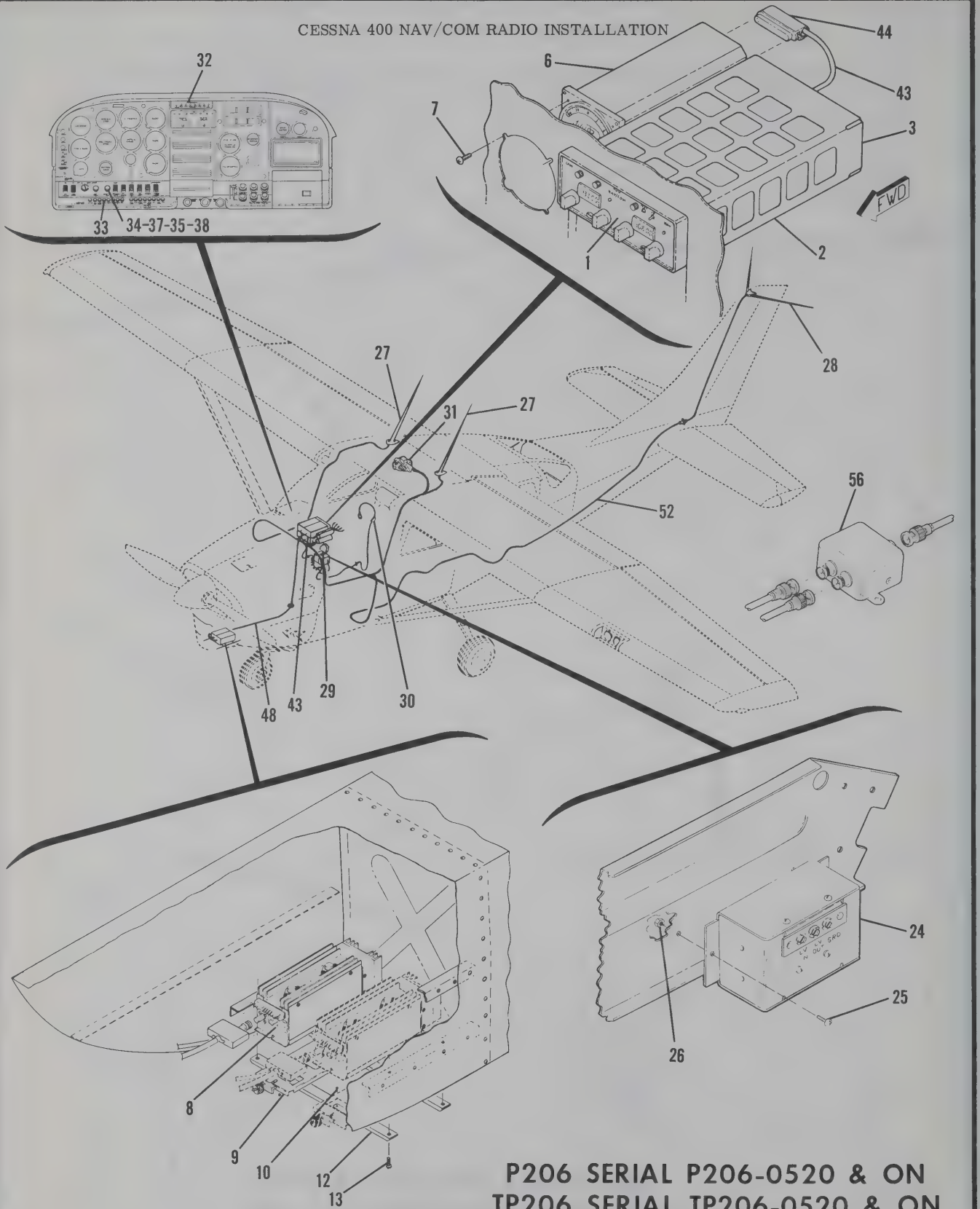
CESSNA 400 NAV/COM RADIO INSTALLATION



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

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

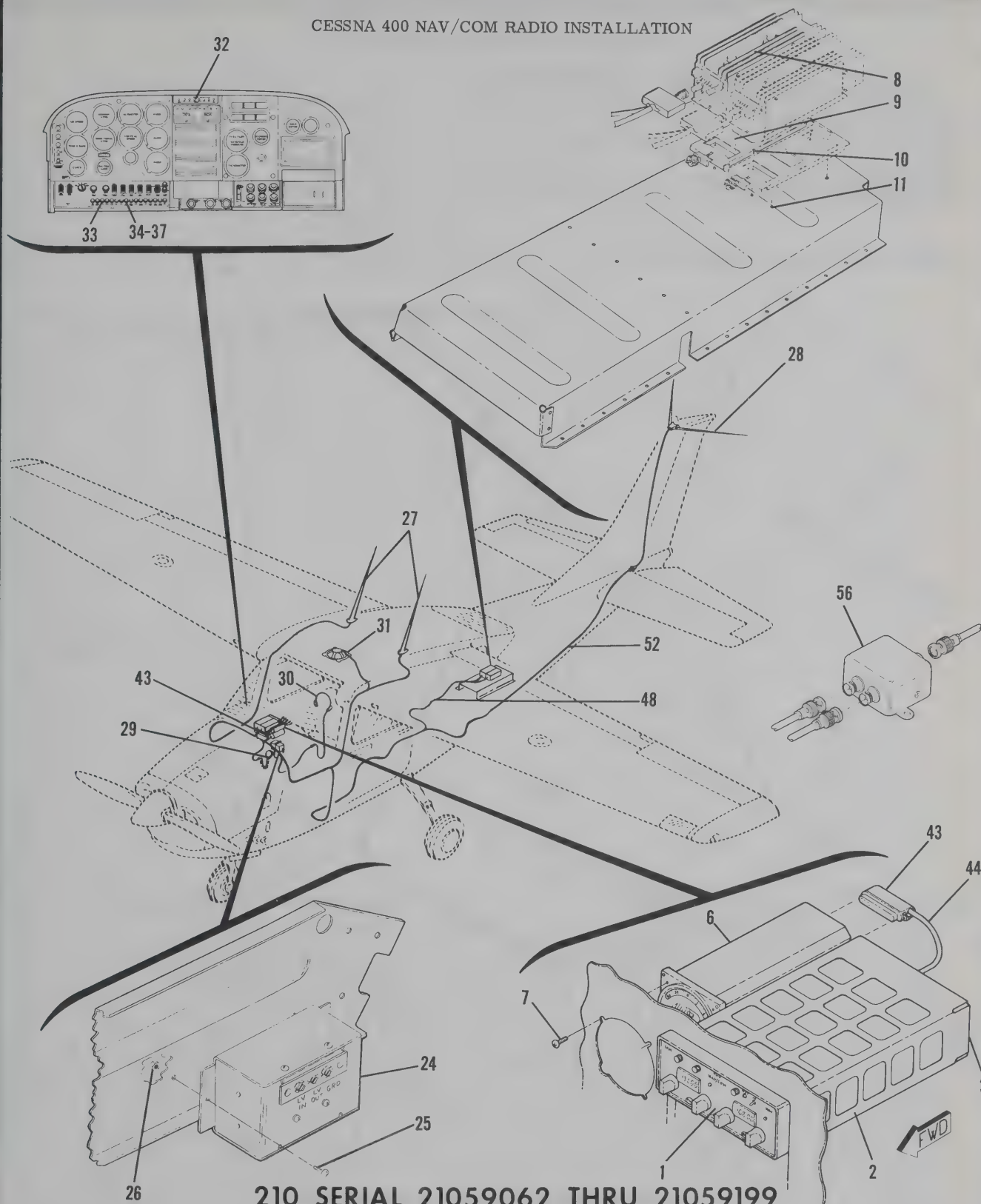
CESSNA 400 NAV/COM RADIO INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 2 of 5)

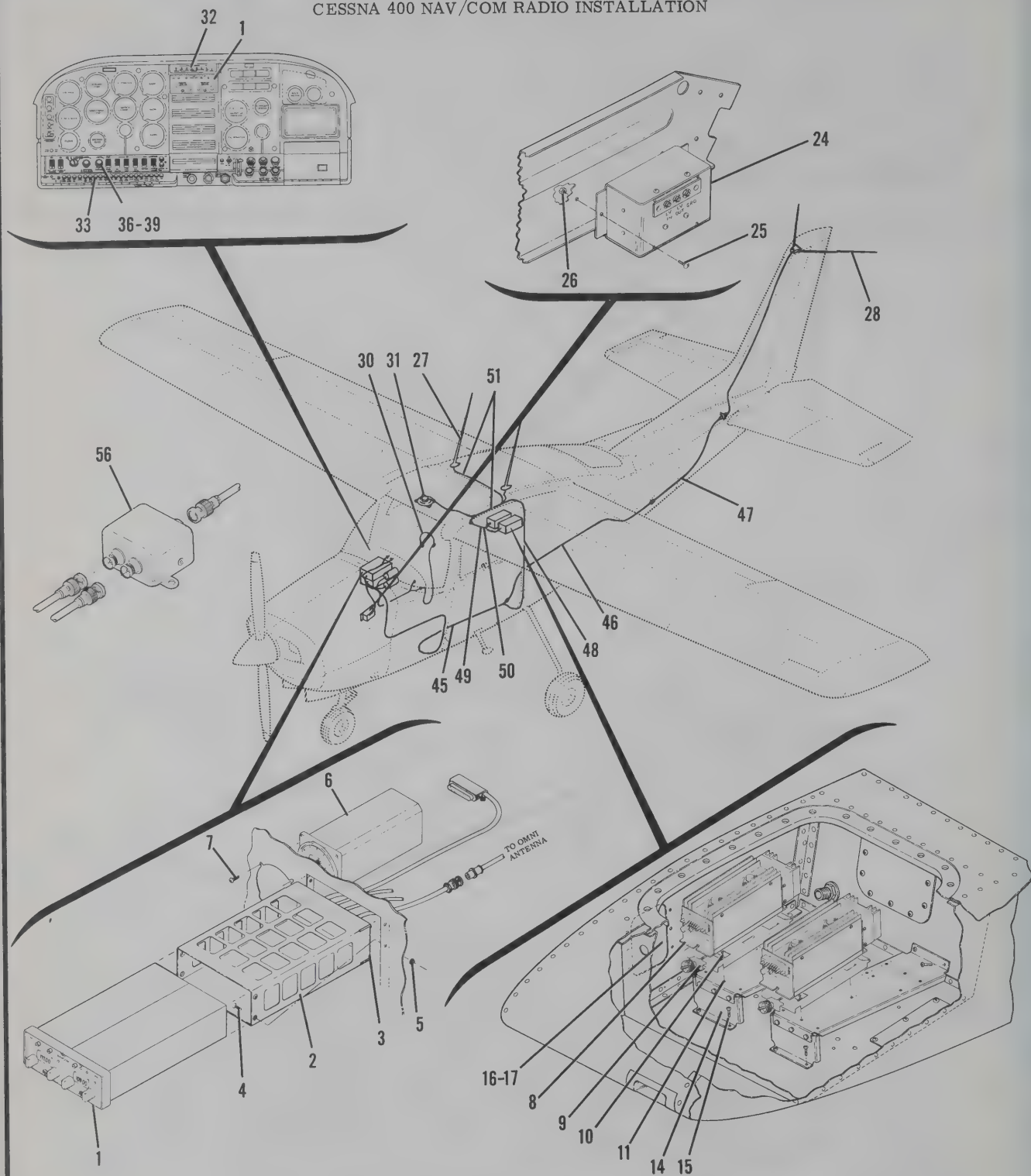
CESSNA 400 NAV/COM RADIO INSTALLATION



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 3 of 5)

CESSNA 400 NAV/COM RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 4 of 5)

CESSNA 400 NAV/COM RADIO INSTALLATION

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

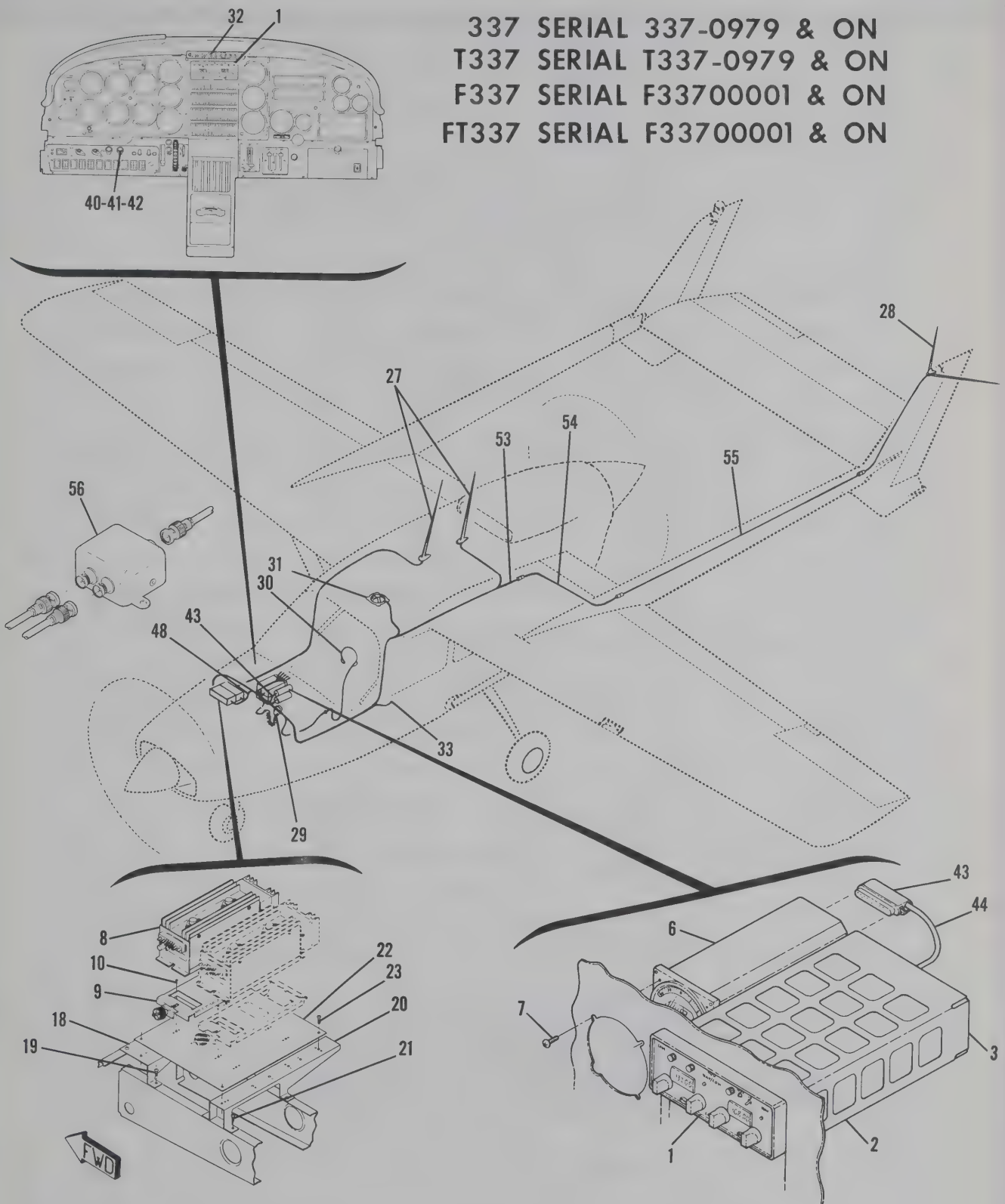


Figure 1-10. Cessna 400 Nav/Com (Type RT-522A) Radio Installation (Sheet 5 of 5)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-10-		CESSNA 400 NAV/COM RADIO INSTALLATION - TYPE RT-522 -----	NP	
- 1	33950-1100	RECEIVER - TRANSMITTER -----	1	
- 2	37525-0071	MOUNTING KIT ARC -----	1	
- 3	35213	REAR PLATE -----	2	
		ATTACHING PARTS -----		
- 4	S102176-6	SCREW -----	4	
- 5	NAS446-2-3	NUT -----	4	
		-----*		
- 6	33970-0000	INDICATOR TYPE IN-522A THRU EARLY 1969 MODELS -----	1	
		REPLACED BY 33970-0001 ON LATE 1969 & ON MODELS ARC -----		
	34290-0000	INDICATOR TYPE IN-543A THRU EARLY 1969 MODELS -----	1	
		REPLACED BY 34290-0001 ON LATE 1969 & ON MODELS -----		
		REPLACES ITEM 6 WHEN GLIDE SLOPE IS INSTALLED ARC -----		
		ATTACHING PARTS -----		
- 7	AN515-6R10	SCREW -----	3	
	NAS487-20	NUT -----	3	
		-----*		
- 8	36600-0000	REMOTE UNIT TYPE RTA-532B WHEN EXHAUSTED -----	1	
		USE 38960 ARC -----		
	38960-0014	REMOTE UNIT TYPE RTA-532B-1 USED -----	1	
		ON ALL MODELS EXCEPT 337 SERIES ARC -----		
	38960-0028	REMOTE UNIT TYPE RTA-532B-1 USED -----	1	
		ON MODEL 337 SERIES ONLY ARC -----		
- 9	35540-0000	MOUNTING - REMOTE UNIT TYPE M-532A ARC -----	1	
		ATTACHING PARTS -----		
- 10	AN515-6R10	SCREW -----	4	
- 11	S1648-06-75	RIVNUT 182 & 210 SERIES ONLY -----	4	
	NAS679A06	NUT P206 SERIES ONLY -----	4	
		-----*		
- 12	127C627-91	ATTACH ANGLE P206 SERIES ONLY -----	2	
		ATTACHING PARTS -----		
- 13	AN520-10R6	SCREW -----	4	
		-----*		
- 14	127C703-1	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	
		ATTACHING PARTS -----		
- 25	AN515-6R8	SCREW -----	2	
- 26	NAS679A06	NUT -----	2	
		-----*		
- 27	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
- 28	SEE FIG 3-2	OMNI ANTENNA INSTALLATION -----	1	
- 29	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 30	SEE FIG 4-4	HEADPHONE INSTALLATION -----	1	
- 31	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
- 32	SEE FIG 4-1	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
- 33	S1360-5	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		
1-10- 34	S1880-3	RHEOSTAT 1969 MODELS 182, P206 SERIES & 210 SERIES ONLY -	1	
- 35	S2008-1	RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -----	1	
- 36	S1904-3	RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 37	S1753-7	KNOB - RHEOSTAT 1969 MODELS 182, P206 SERIES & -----	1	
		210 SERIES ONLY		
- 38	S1995-1	KNOB - RHEOSTAT 1970 & ON MODELS 182 & P206 SERIES ONLY -	1	
- 39	S1980-1	KNOB - RHEOSTAT 1970 & ON MODEL 210 SERIES ONLY -----	1	
- 40	S157C164-1	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	
- 43		CABLE ASSY NAV SIDE OF TRANSCEIVER TO -----	NP	
		INDICATOR - CONVERTER, OMNI ANT CABLE & AUDIO		
		JUNCTION BOX		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	35693-0C04	CONNECTOR CONNECTS TO NAV SIDE OF RECEIVER-TRANSMITTER	1	
		PART OF 37525-0071 MOUNTING KIT ARC		
	35032-0012	CONTACT - COAXIAL ATTACHES TO NAV SIDE OF RECEIVER - --	1	
		TRANSMITTER FOR OMNI ANT CONNECTOR ARC		
- 44	36364-0000	CONNECTOR KIT ATTACHES TO INDICATOR ARC -----	1	
- 45	S1838-2	HOUSING CONNECTS TO PI ON AUDIO JUNCTION BOX -----	1	
		CABLE ASSY CONNECTS TO NAV SIDE OF TRANSCEIVER - OMNI ---	NP	
		PIGTAIL TO STA. 55.625 1970 & ON 210 SERIES ONLY		
	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	NP	
		STA. 152.20 1970 & ON 210 SERIES ONLY		
	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 -----	1	
		AT STA. 152.20		
- 47		CABLE ASSY CONNECTS TO STA. 152.20 AND BALUN STUB -----	NP	
		1970 & ON 210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
- 48	UG-88C/U	PLUG - COAXIAL -----	1	
		CABLE ASSY COM SIDE OF TRANSCEIVER TO LH WING -----	NP	
		ROOT, ACCESSORY UNIT, AUDIO JUNCTION BOX AND RADIO		
		NOISE FILTER		
	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	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG - COAXIAL -----	2	
- 49		CABLE ASSY LH WING ROOT TO ACCESSORY UNIT 1970 & ON -	NP	
		210 SERIES ONLY		
	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	
- 50	UG-291/U	JACK - COAXIAL FLANGE MOUNT CONNECTS TO ACCESSORY CABLE	2	
		CABLE ASSY VHF ANT CABLE - ACCESSORY UNIT TO WING ROOT --	NP	
		1970 & ON 210 SERIES ONLY		
	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 -----	NP	
		1970 & ON 210 SERIES ONLY		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-913/U	PLUG - RIGHT ANGLE CONNECTS TO VHF ANTENNA -----	1	
- 52	UG-88C/U	PLUG - COAXIAL -----	1	
		CABLE ASSY RECEIVER - TRANSMITTER TO BALUN STUB -----	NP	
		ALL MODELS EXCEPT 337 SERIES & 1970 & ON 210 SERIES		
	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 -----	1	

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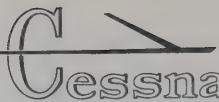
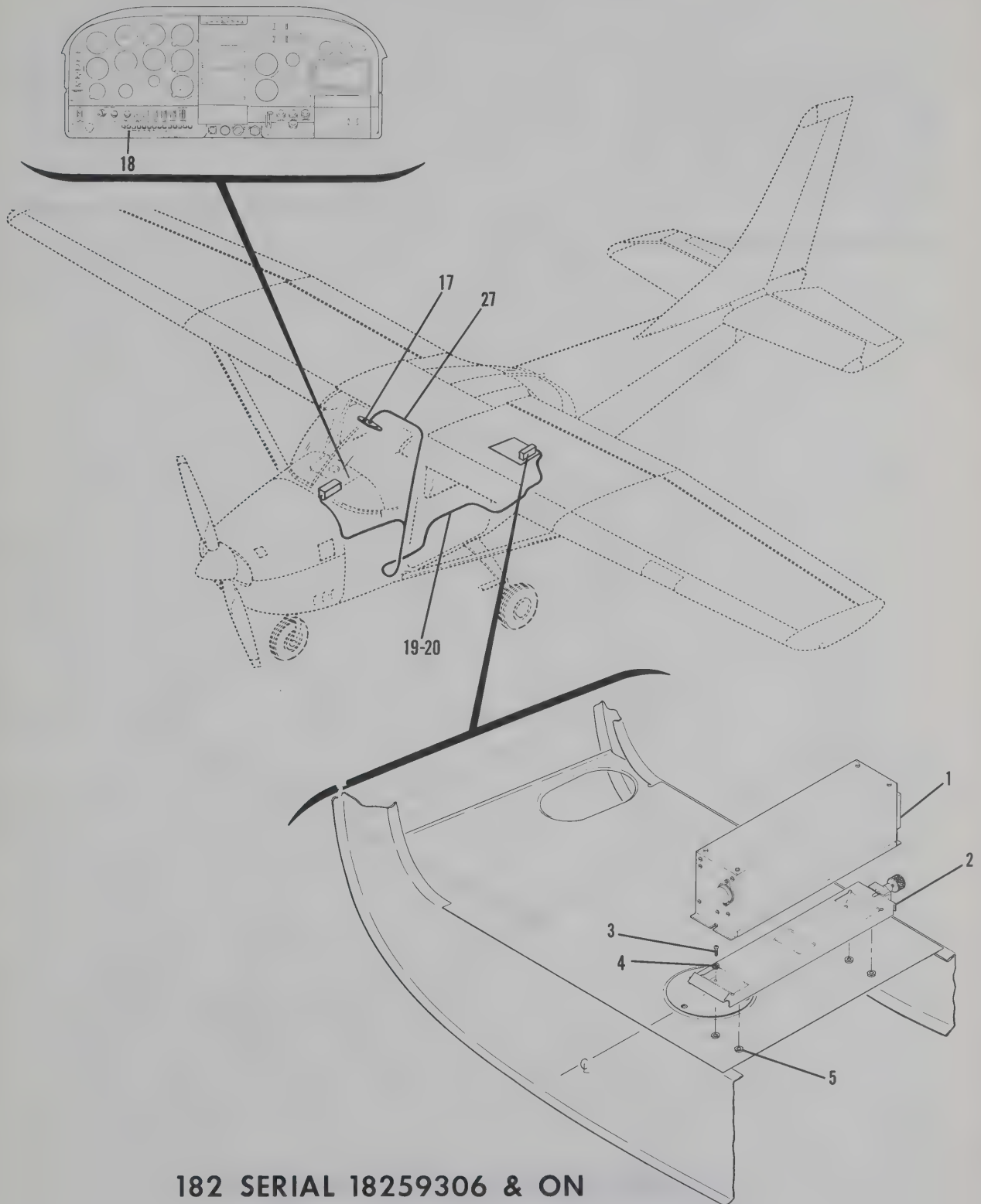


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-10- 53	RG-58A/U UG-89/U UG-88C/U	CABLE ASSY RECEIVER - TRANSMITTER TO OMNI CABLE ----- CONNECTION AT WING RCOT 337 SERIES ONLY	NP	
		COAXIAL CABLE BULK ITEM ----- CONNECTOR TRANSCEIVER END ----- PLUG - COAXIAL WING ROOT END -----	AR 1 1	
- 54		CABLE ASSY WING ROOT CONNECTION TO BOOM CONNECTION ----- SUPPLIED ON AIRCRAFT AS STANDARD EQUIPMENT 337 SERIES ONLY	NP	
- 55	RG-58A/U UG-88C/U UG-89/U	COAXIAL CABLE BULK ITEM ----- PLUG - COAXIAL BOOM END ----- RECEPTACLE - COAXIAL WING ROOT END -----	AR 1 1	
		CABLE ASSY BOOM CONNECTION TO BALUN STUB ----- 337 SERIES ONLY	NP	
- 56	RG-58A/U UG-89/U UG-88C/U AV-547	COAXIAL CABLE BULK ITEM ----- RECEPTACLE - COAXIAL ----- PLUG - COAXIAL BALUN STUB END ----- COUPLER - OMNI LEAD USED ONLY WHEN DUAL RADIOS ----- ARE INSTALLED ASC	1 1 1 1	

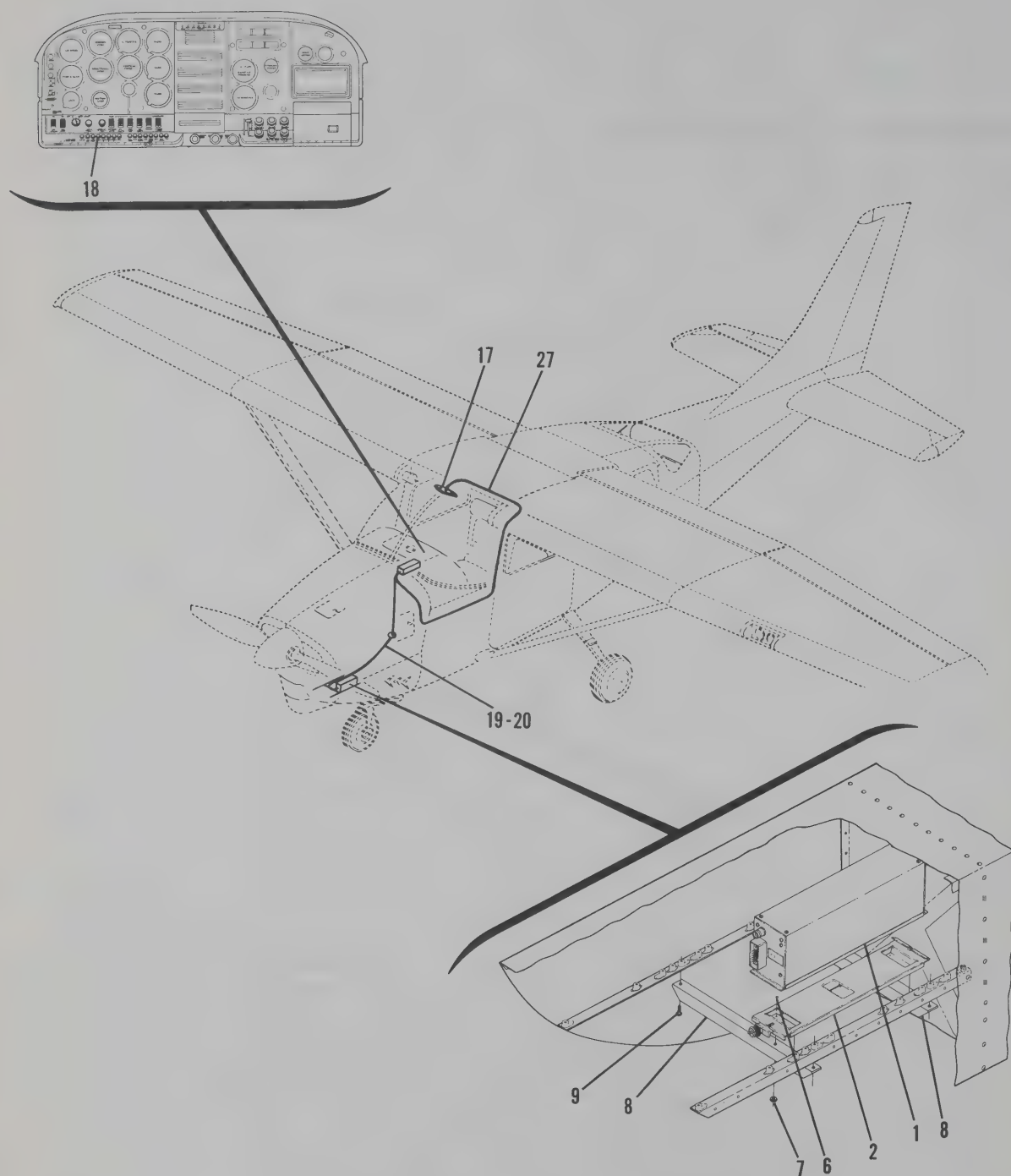
CESSNA GLIDE SLOPE INSTALLATION



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

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

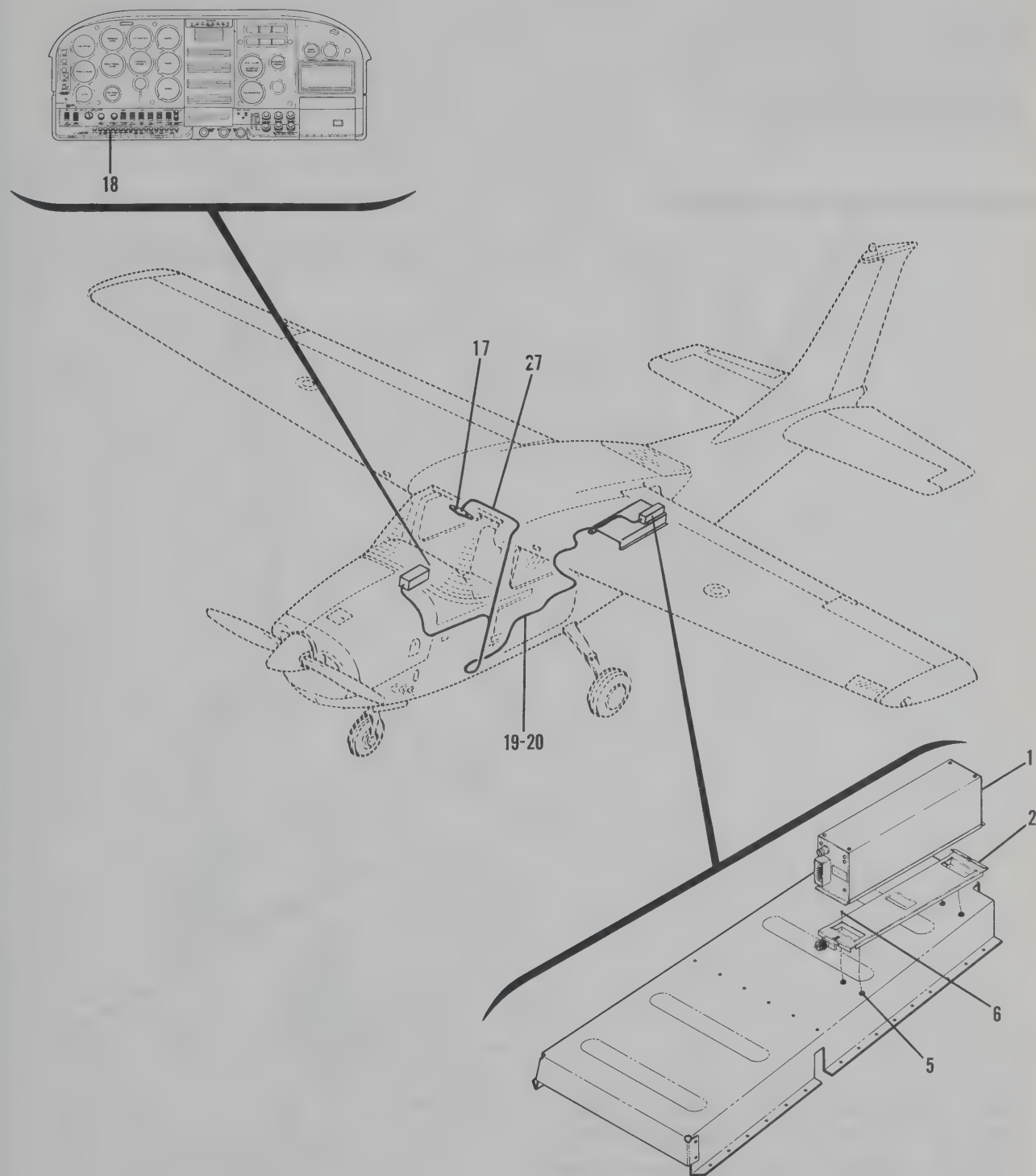
CESSNA GLIDE SLOPE INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 2 of 5)

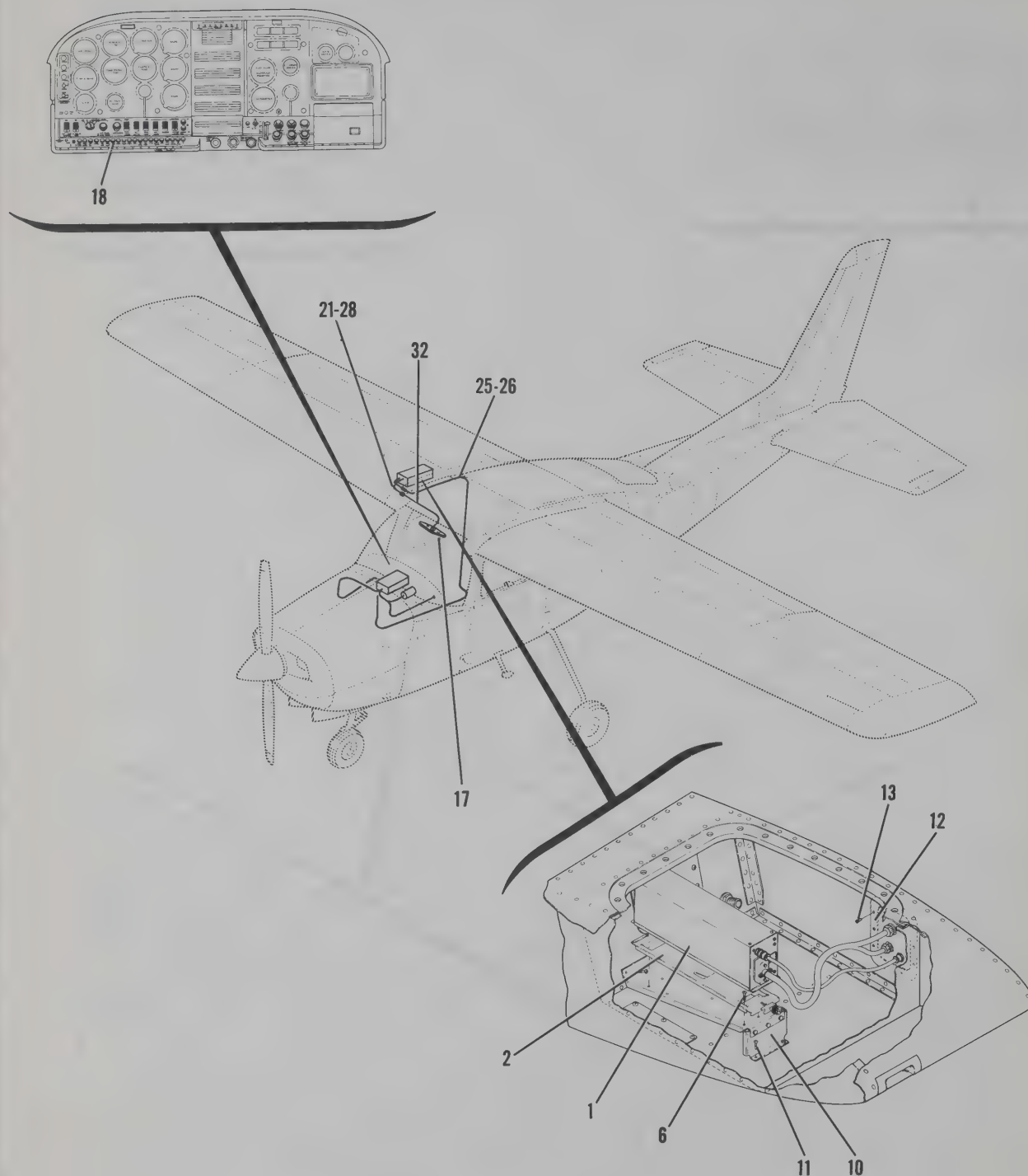
CESSNA GLIDE SLOPE INSTALLATION



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 3 of 5)

CESSNA GLIDE SLOPE INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 4 of 5)

CESSNA GLIDE SLOPE INSTALLATION

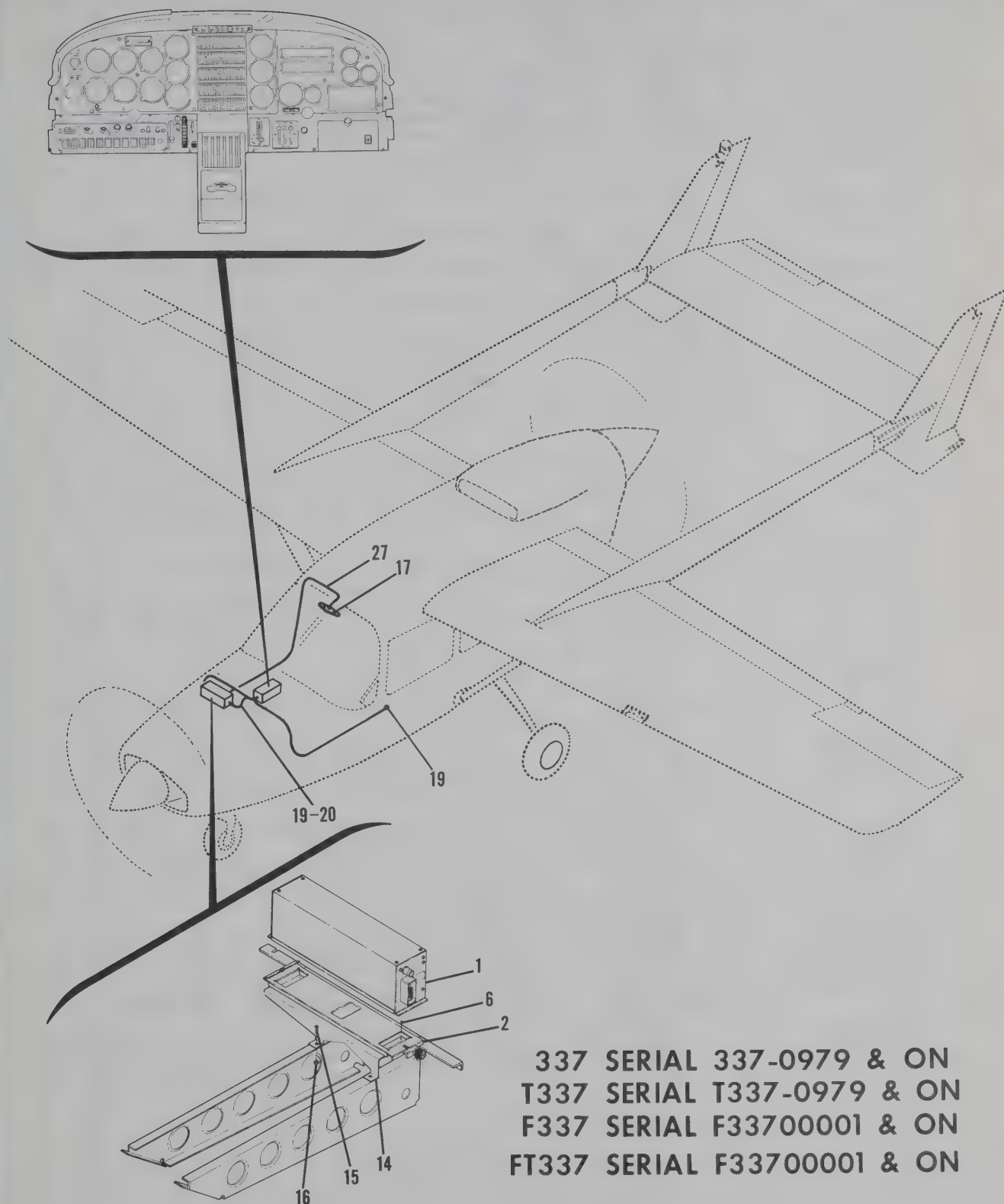


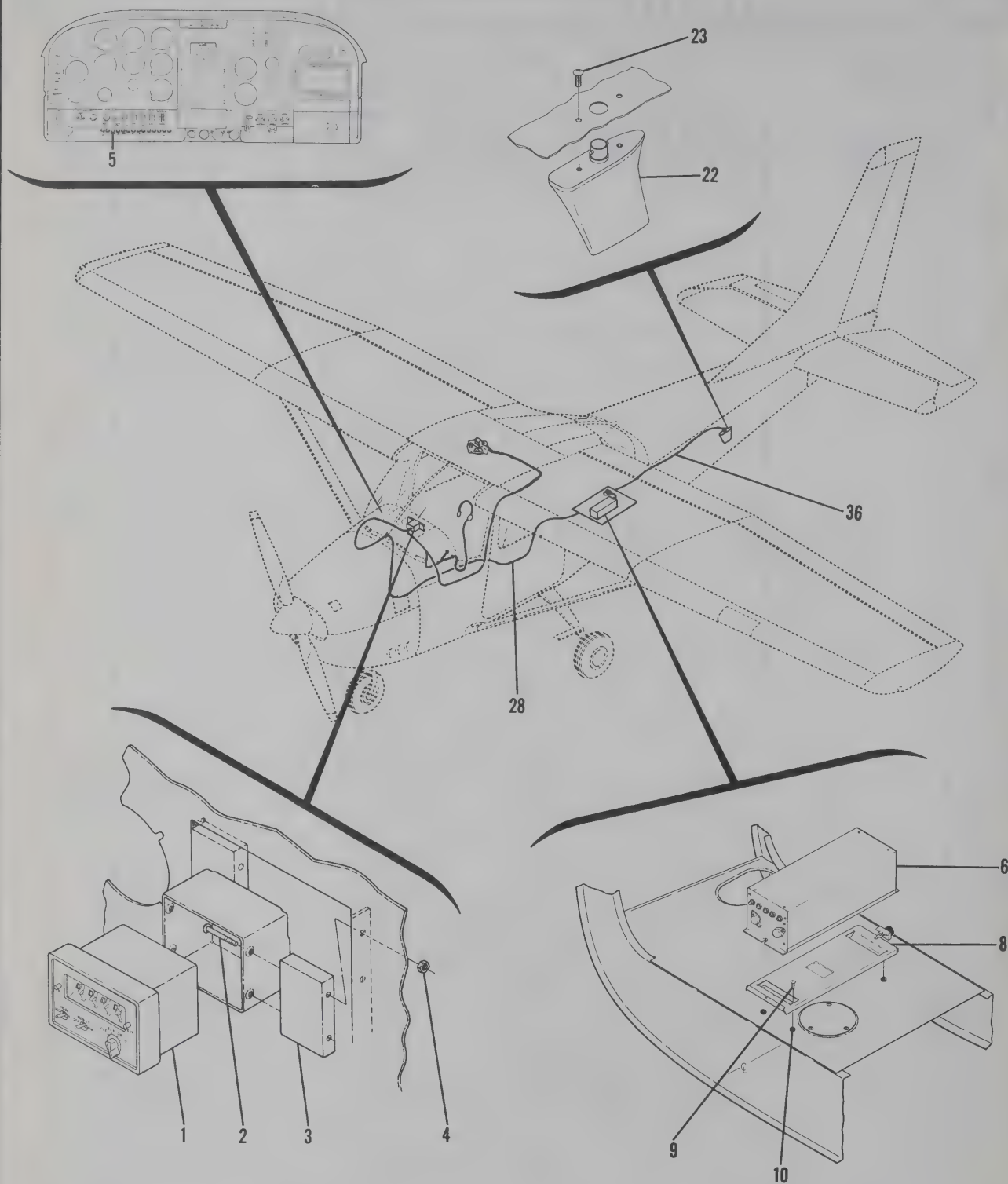
Figure 1-11. Cessna 400 Glide Slope (Type R-543B) Radio Installation (Sheet 5 of 5)



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-11-		CESSNA 400 GLIDE SLOPE -TYPE R-543B- RADIO INSTALLATION -----	NP	
- 1	36440-0000	GLIDE SLOPE RECEIVER TYPE R-543B ARC -----	1	
- 2	36450-C000	MOUNTING TYPE M-543B ARC -----	1	
		ATTACHING PARTS		
- 3	AN515-6R16	SCREW 182 ONLY -----	4	
- 4	AN936A6	WASHER 182 ONLY -----	4	
- 5	S1648-06-75	RIVNUT 182 & 1969 210 SERIES ONLY -----	4	
- 6	AN515-6R8	SCREW P206 SERIES, 210 SERIES & 337 SERIES ONLY -----	4	
- 7	NAS679A06	NUT P206 SERIES ONLY -----	4	
		-----*		
- 8	127C627-57	ATTACH ANGLE P206 SERIES ONLY -----	2	
		ATTACHING PARTS		
- 9	AN520-10R6	SCREW -----	4	
		-----*		
- 10	1270703-1	RACK ASSY 1970 & 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 ALL MODELS EXCEPT 337 SERIES -----	1	
- 19	S1360-2	CIRCUIT BREAKER 337 SERIES ONLY -----	1	
		CABLE ASSY GLIDE SLOPE RCVR TO 300 NAV/COM -TYPE 540A- -	NP	
		RCVR-XMTR PIG TAIL ALL MODELS EXCEPT 1970 & ON 210		
		SERIES		
	36194-0001	CONNECTOR KIT SUPPLIED WITH RCVR CONNECTS TO -----	1	
		GLIDE SLOPE RECEIVER ARC		
	MRE14PG7HVL	CONNECTOR KIT CONNECTS TO RCVR-XMTR PIG TAIL HIQ --	1	
- 20		CABLE ASSY GLIDE SLOPE RCVR TO 400 NAV/COM -TYPE 522A- -	NP	
		ALL MODELS EXCEPT 1970 & 210 SERIES		
	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 -----	1	
		SUPPLIED WITH 400 NAV/COM ARC		
- 21		CABLE ASSY GLIDE SLOPE RCVR TO RH WING ROOT -----	NP	
		1970 & ON 210 SERIES ONLY		
- 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 PIG TAIL TO RH WING ROOT -----	NP	
		1970 & ON 210 SERIES ONLY		
	36195	CONNECTOR KIT CONNECTS TO 300 NAV/COM PIG TAIL ARC	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 -----	NP	
		1970 & ON 210 SERIES ONLY		
	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	
- 27		CABLE ASSY GLIDE SLOPE RECEIVER 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	
		CONTINUED ON NEXT PAGE		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-11- 28		CABLE ASSY GLIDE SLOPE RCVR TO RH WING ROOT ----- 1970 & ON 210 SERIES ONLY	NP	
- 29	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
- 30	UG-88C/U	CONNECTOR-COAXIAL CONNECTS TO GLIDE SLOPE RCVR -----	1	
- 31	UG-909/U	JACK-COAXIAL CONNECTS TO RH WING ROOT -----	1	
- 32		CABLE ASSY RH WING ROOT TO ANTENNA 1970 & ON ----- 210 SERIES ONLY	NP	
	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	

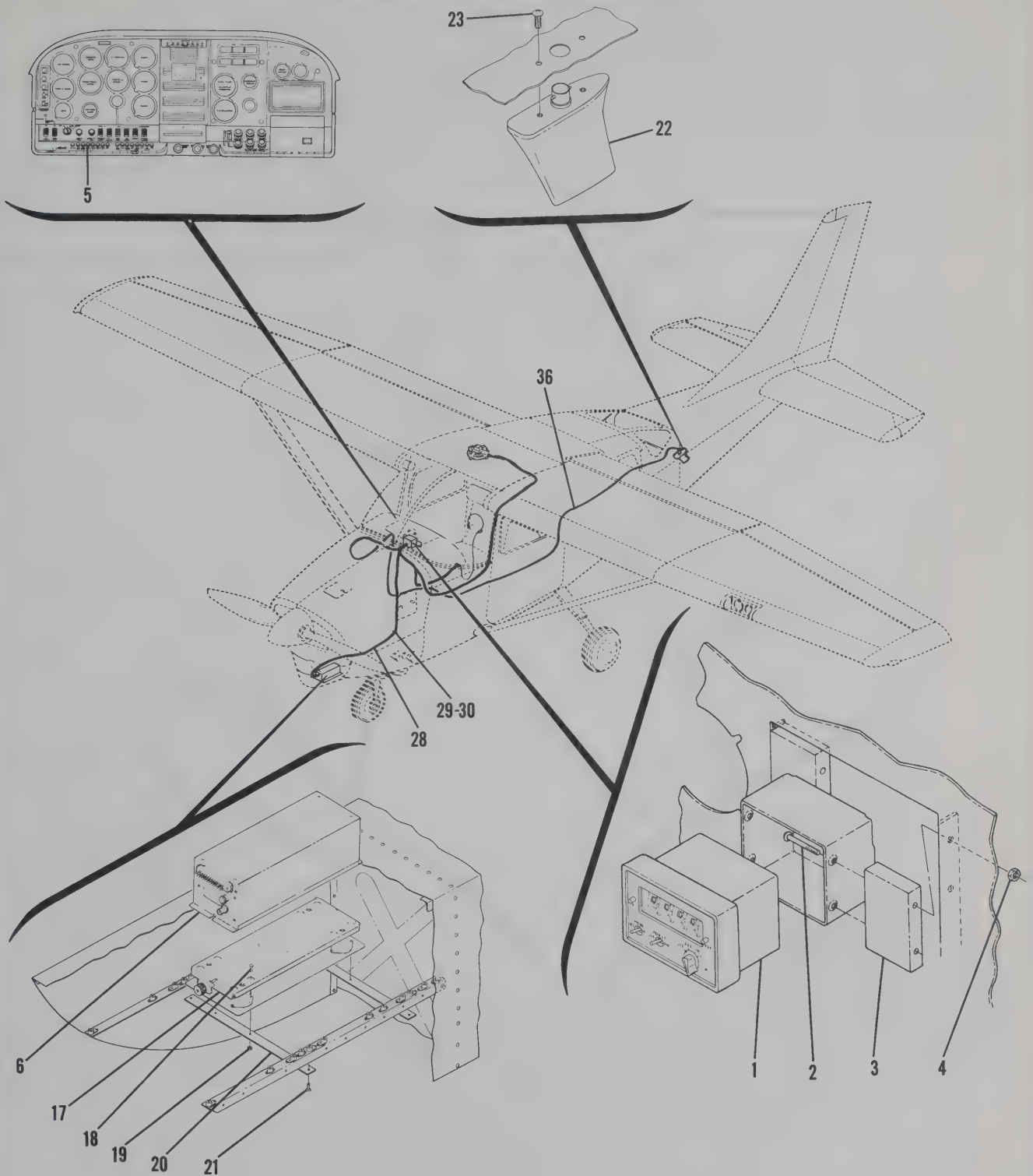
CESSNA 400 TRANSPONDER INSTALLATION



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

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

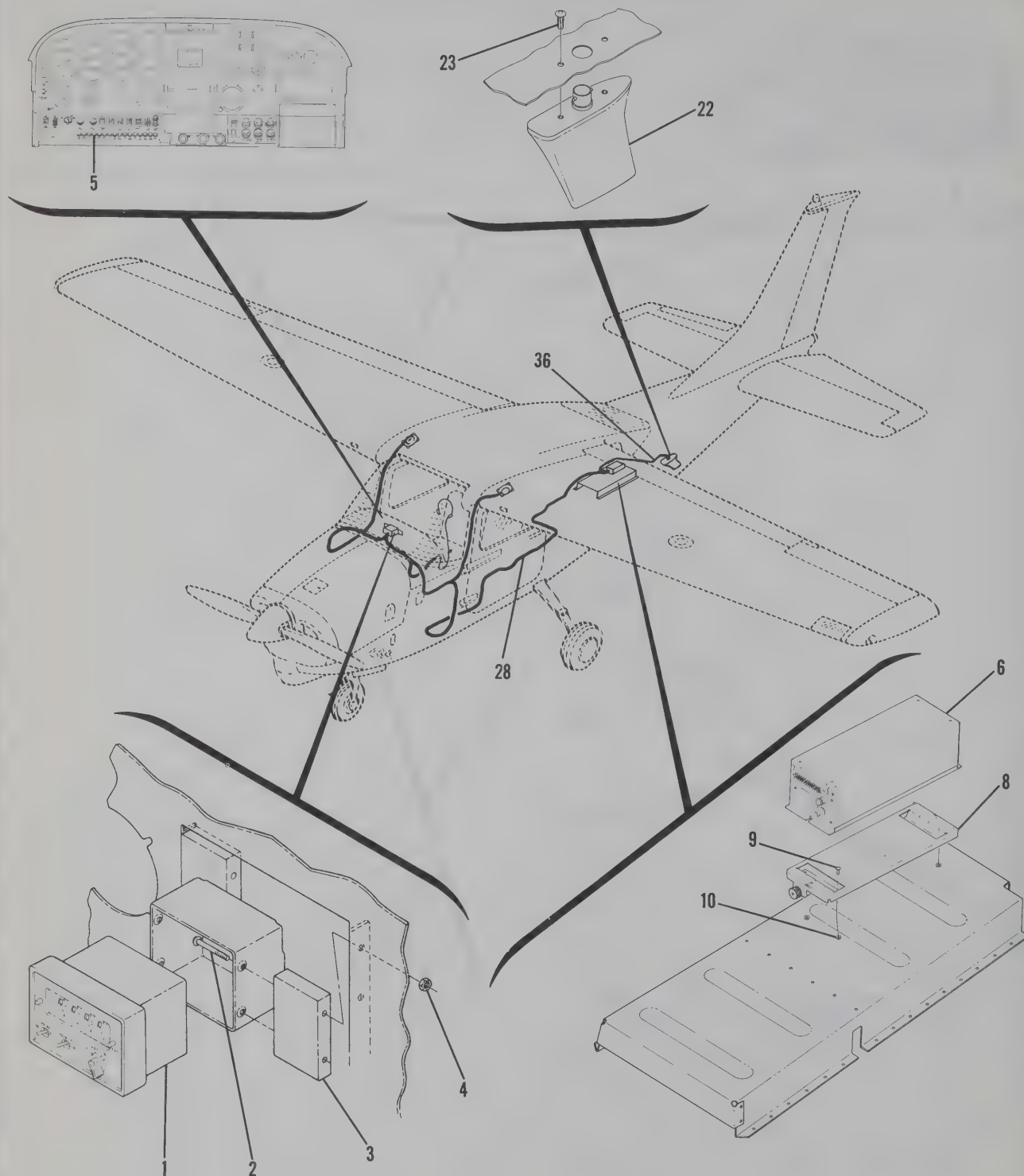
CESSNA 400 TRANSPONDER INSTALLATION



**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 2 of 5)

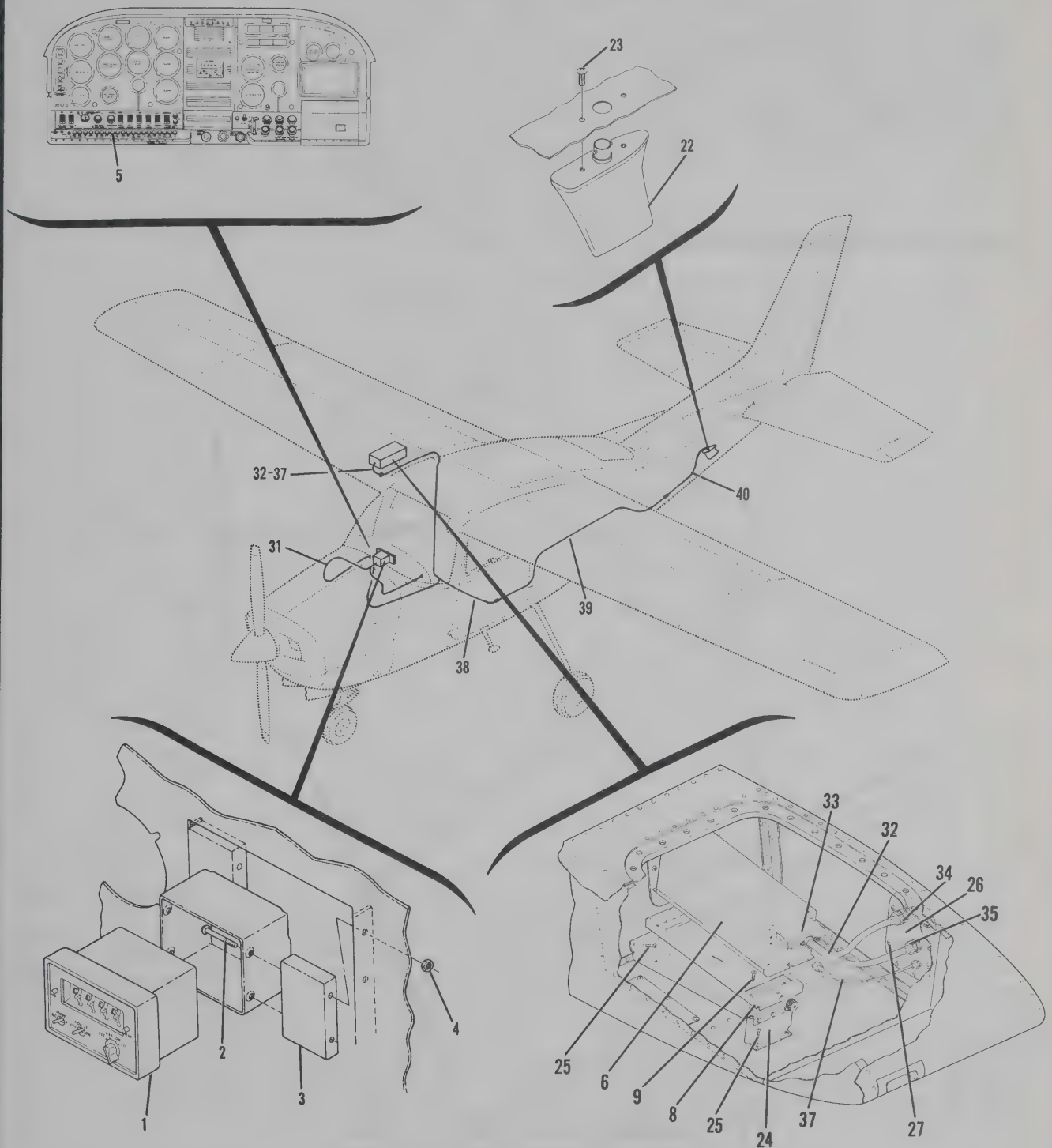
CESSNA 400 TRANSPONDER INSTALLATION



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

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 3 of 5)

CESSNA 400 TRANSPONDER INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 4 of 5)

CESSNA 400 TRANSPONDER INSTALLATION

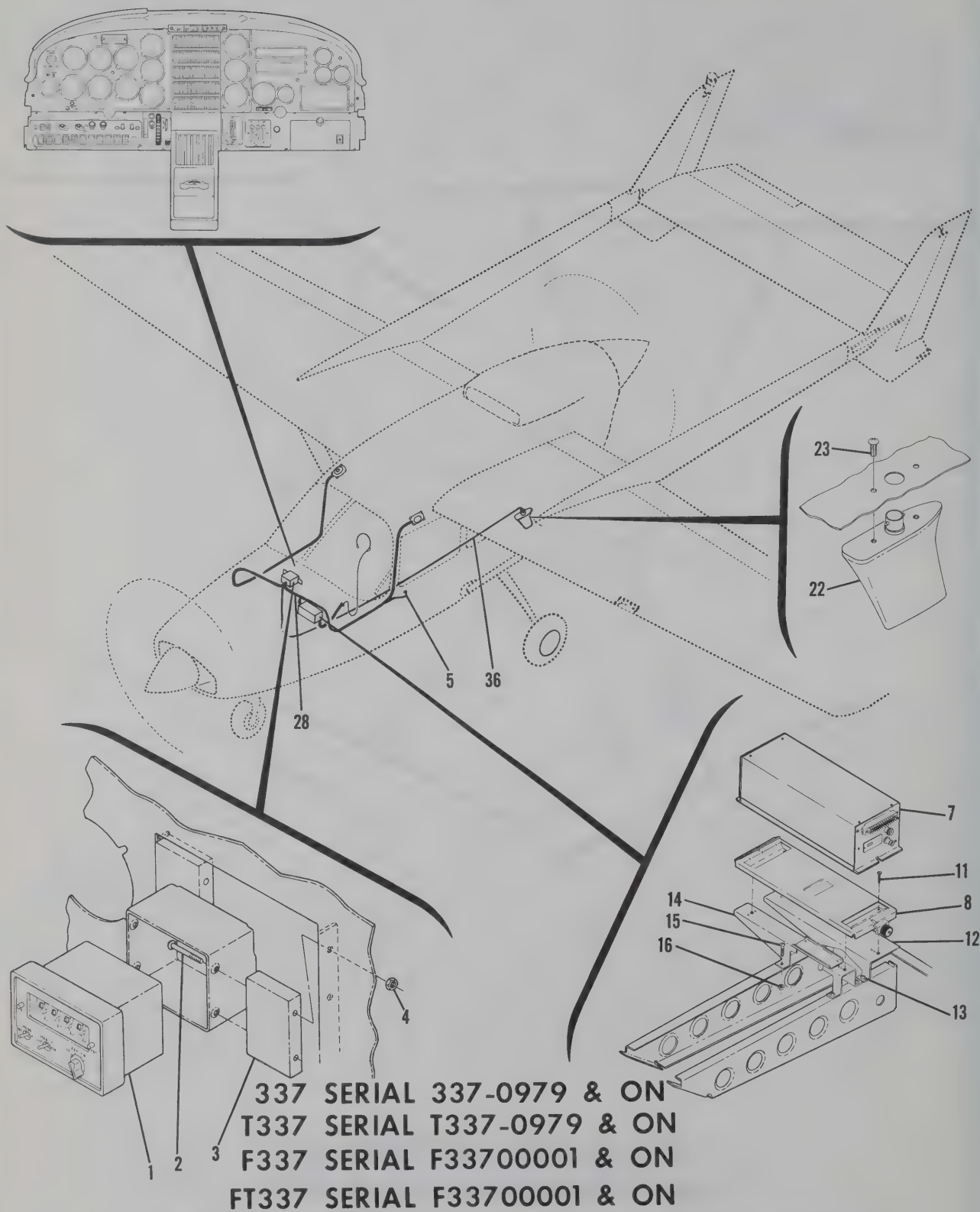


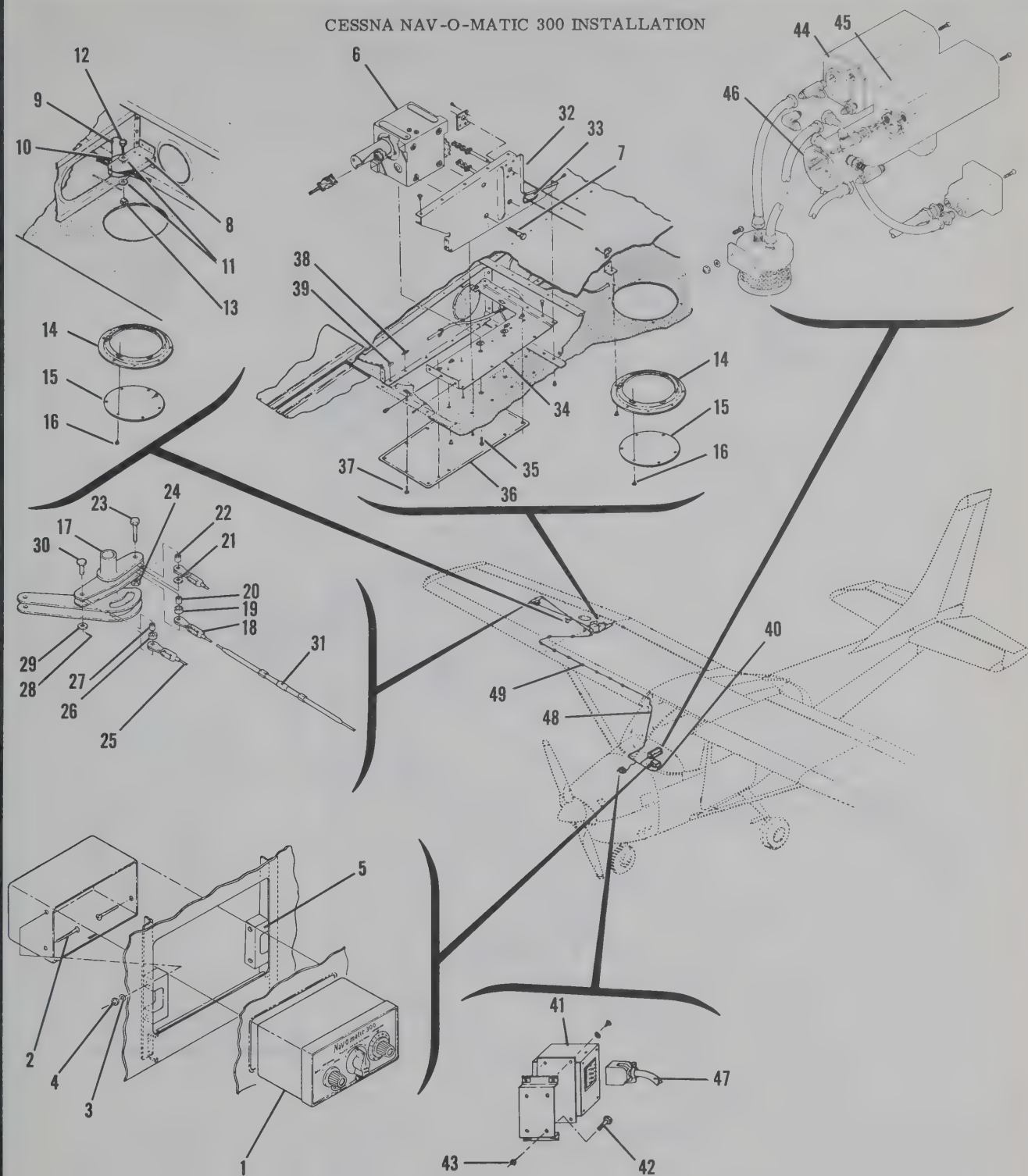
Figure 1-12. Cessna 400 Transponder (Type RT-506A) Installation (Sheet 5 of 5)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-12-		CESSNA 400 TRANSPONDER -TYPE RT-506A- INSTALLATION -----	NP	
- 1	34960-0000	CONTROL UNIT TYPE C-506A ARC -----	1	
		ATTACHING PARTS		
- 2	AN507-632R32	SCREW -----	4	
- 3	127C056-1	SPACER -----	2	
- 4	NAS679A06	NUT -----	4	
		-----*		
- 5	S1360-5	CIRCUIT BREAKER -----	1	
- 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 182, 210 SERIES ---	1	
		AND 337 SERIES ONLY		
		ATTACHING PARTS		
- 9	AN515-6R16	SCREW 182 & 210 SERIES ONLY -----	4	
- 10	S1648-06-75	RIVNUT 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 P206 SERIES ONLY -----	1	
		ATTACHING PARTS		
- 18	AN515-6R8	SCREW -----	4	
- 19	NAS679A06	NUT -----	4	
		-----*		
- 20	127C627-57	ATTACH ANGLE P206 SERIES ONLY -----	2	
		ATTACHING PARTS		
- 21	AN520-10R6	SCREW -----	4	
		-----*		
- 22	34970-CC00	ANTENNA TYPE A-105B ARC -----	1	
		ATTACHING PARTS		
- 23	AN960-8L	WASHER -----	2	
	AN515-8R6	SCREW -----	2	
		-----*		
- 24	127C703-1	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 197C & ON 210 SERIES ONLY		
		ATTACHING PARTS		
	1221253-2	SEAL -----	1	
- 27	AN515-8R6	SCREW -----	10	
		-----*		
- 28		CABLE ASSY CONTROL UNIT TO RECEIVER-TRANSMITTER -----	NP	
		ALL MODELS EXCEPT 1970 & ON 210 SERIES		
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	CONNECTOR-CONNECTS TO RECEIVER-TRANSMITTER -----	1	
- 29	1213614-11	COVER PLATE P206 SERIES ONLY -----	2	
- 30	NAS557-10A	GROMMET P206 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		
- 31		CABLE ASSY CONTROL UNIT TO RH WING ROOT 1970 & ON ---	NP	
		210 SERIES ONLY		
	37451-0002	CONNECTOR KIT CONNECTS TO CONTROL UNIT ARC -----	1	
	S1961-2-0	HOUSING-CAP 12 PIN CONNECTS TO RH WING ROOT -----	1	
	S1962-2-0	HOUSING-CAP 15 PIN CONNECTS TO RH WING ROOT -----	1	
	S1838-3	HOUSING CONNECTS TO 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		
1-12- 32		CABLE ASSY-MAIN RCVR-XMTR TO RH WING ROOT 1970 & ON -	NP	
- 33	37449-0002	210 SERIES ONLY		
- 34	S1962-1-0	CONNECTOR KIT CONNECTS TO RCVR-XMTR -----	1	
- 35	S1961-2-0	HOUSING-PLUG 15 PIN CONNECTS TO RH WING ROOT -----	1	
- 36		HOUSING-PLUG 12 PIN CONNECTS TO RH WING ROOT -----	1	
		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	

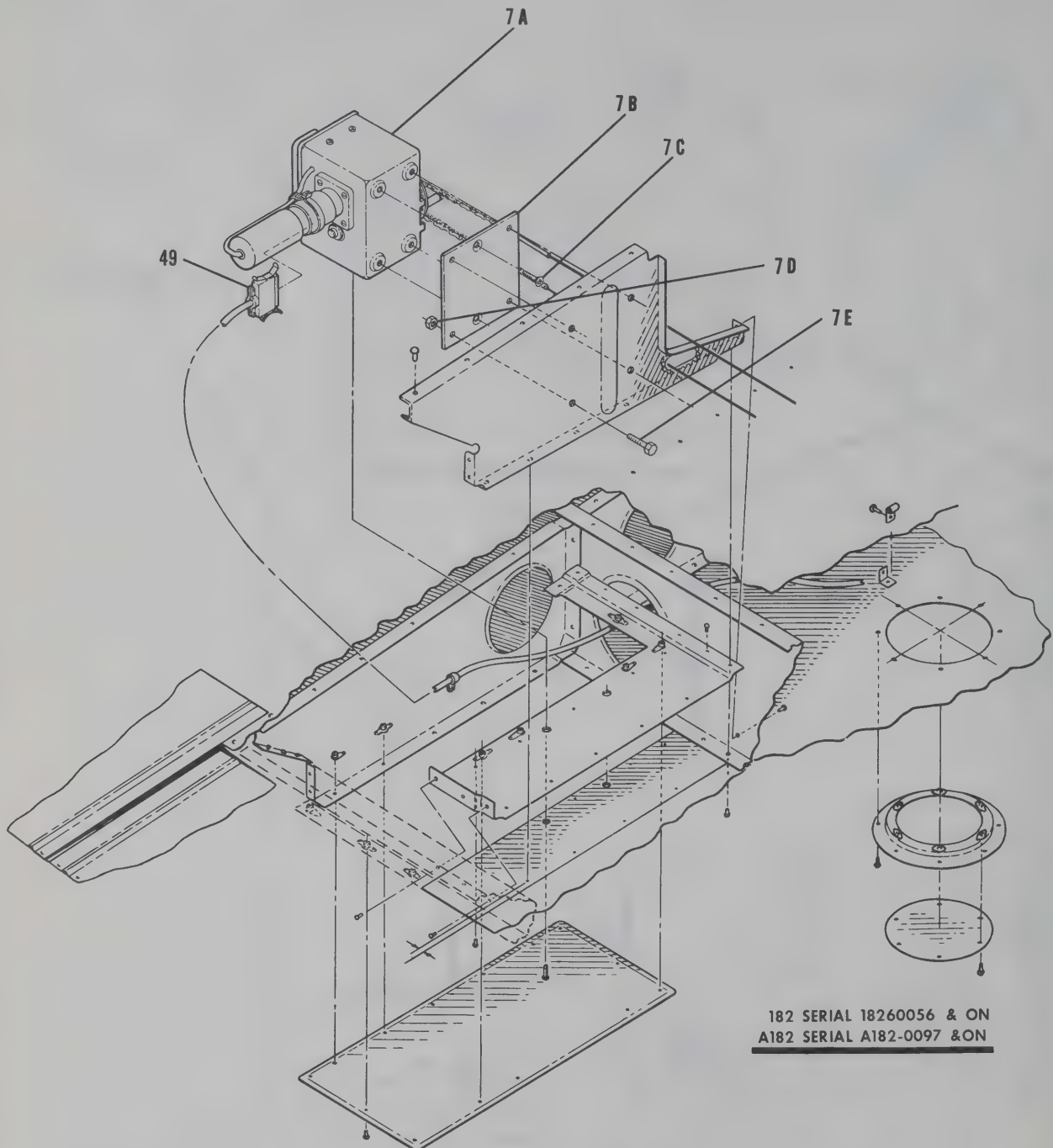
CESSNA NAV-O-MATIC 300 INSTALLATION



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-594B ARC -----	1	
		ATTACHING PARTS -----		
- 2	AN5C7-632R20	SCREW -----	4	
- 3	AN960-6	WASHER -----	4	
- 4	NAS679A06	NUT -----	4	
- 5	C713739-1	SPACER -----	2	
		-----*		
- 6	26360-0100	ACTUATOR ASSY. TYPE PA-510A THRU 1969 MODELS ONLY ----	1	
		REPLACED BY ITEM 7A WHEN EXHAUSTED ARC -----		
	38144-0100	SHEAR PIN ARC -----	1	
		ATTACHING PARTS -----		
- 7	AN3-4A	BOLT -----	4	
		-----*		
- 7A	35070-1014	ACTUATOR ASSEMBLY TYPE PA-500A REPLACES ITEM 6 -----	1	
		ON EARLY 1969 & ON MODELS ARC -----		
		ATTACHING PARTS -----		
- 7B	12C0194-1	BRACKET -----	1	
- 7C	AN509-8R8	SCREW -----	2	
- 7D	NAS679A3	NUT -----	2	
- 7E	AN3-4A	BOLT -----	4	
		-----*		
- 8	12C0183-1	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 THRU MID 1969 MODELS WHEN EXHAUSTED --	1	A
		USE 0760705-5 -----		
- 18	1200182-2	CABLE ASSY -----	1	
		ATTACHING PARTS -----		
- 19	NAS42DD8-12	SPACER -----	1	
- 20	C760117-2	BUSHING -----	1	
- 21	AN960-416	WASHER -----	1	
- 22	C760117-1	BUSHING -----	1	
- 23	AN3-9A	BOLT -----	1	
- 24	NAS679A3	NUT -----	1	
		-----*		
- 25	1200182-1	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS -----		
- 26	NAS42DD8-12	SPACER -----	1	
- 27	C760117-2	BUSHING -----	1	
- 28	MS24665-285	COTTER PIN -----	1	
- 29	AN560-10L	WASHER -----	1	
- 30	MS20392-2-15	PIN -----	1	
		-----*		
- 31	AN155B16S	BARREL -----	1	
- 32	12C0167-1	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	12C0168-1	COVER -----	1	
		ATTACHING PARTS -----		
- 37	AN525-832R7	SCREW -----	14	
- 38	NAS697A08	NUTPLATE -----	6	
- 39	NAS697A08	NUTPLATE -----	12	
		-----*		
- 40	S1360-10	CIRCUIT BREAKER -----	1	
- 41	289C0-0000	OMNI COUPLER -----	1	
		ATTACHING PARTS -----		
- 42	AN515-6R5	SCREW -----	4	
- 43	NAS679A06	NUT -----	4	
		-----*		

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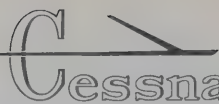


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-13- 44	C661001-0504	GYRO HORIZON ----- ATTACHING PARTS	1	
	AN5C7-632R8	SCREW ----- -----*	4	
- 45	3C370-0100	DIRECTIONAL GYRO TYPE G-520A ARC ----- ATTACHING PARTS	1	
	AN5C7-632R10	SCREW ----- -----*	3	
- 46	35C60-0014	TURN COORDINATOR ARC ----- ATTACHING PARTS	1	
	AN515B6R12	SCREW -----	4	
	AN936A6B	WASHER -----	4	
	AN340R6	NLT ----- -----*	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	B
	38423-0001	CONNECTOR ATTACHES TO AILERON ACTUATOR ARC -----	1	C
	28505-0009	CONNECTOR ATTACHES TO CONTROLLER CABLE ARC -----	1	
		CABLE ASSY CONTROLLER TO TURN COORDINATOR -----	NP	
	28336	CONNECTOR ATTACHES TO CONTROLLER ARC -----	1	
	5C328-0002	CONNECTOR ATTACHES TO TURN COORDINATOR ARC -----	1	
		CABLE ASSY TURN COORDINATOR TO BUS BAR -----	NP	
	28460	CONNECTOR ATTACHES TO TURN COORDINATOR -----	1	
NOTE				
REFER TO THE 182 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS				
A---182 SERIALS 18259306 THRU 18259809				
B---182 SERIALS 18259306 THRU 18260055				
C---182 SERIALS 18260056 & ON				

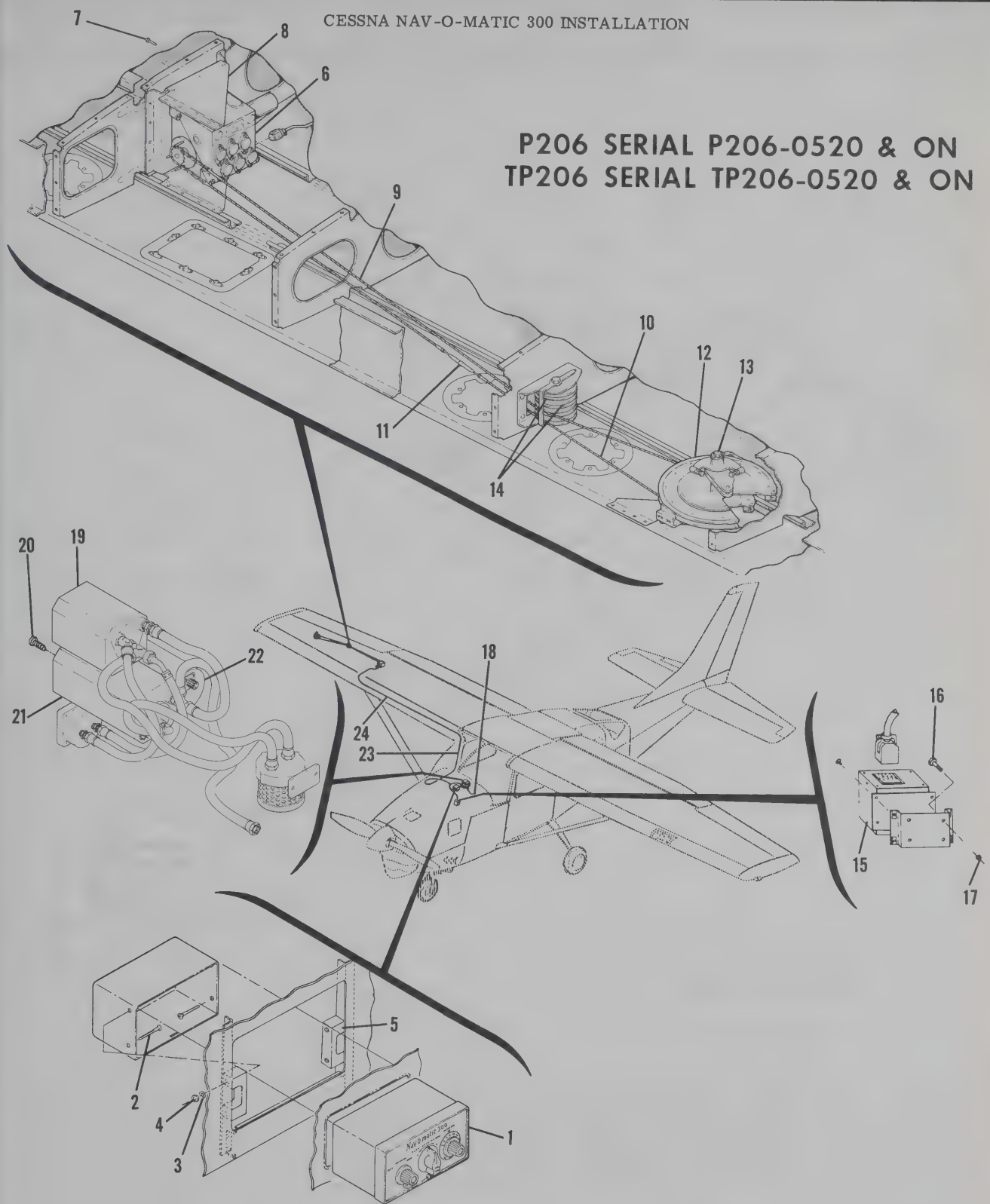
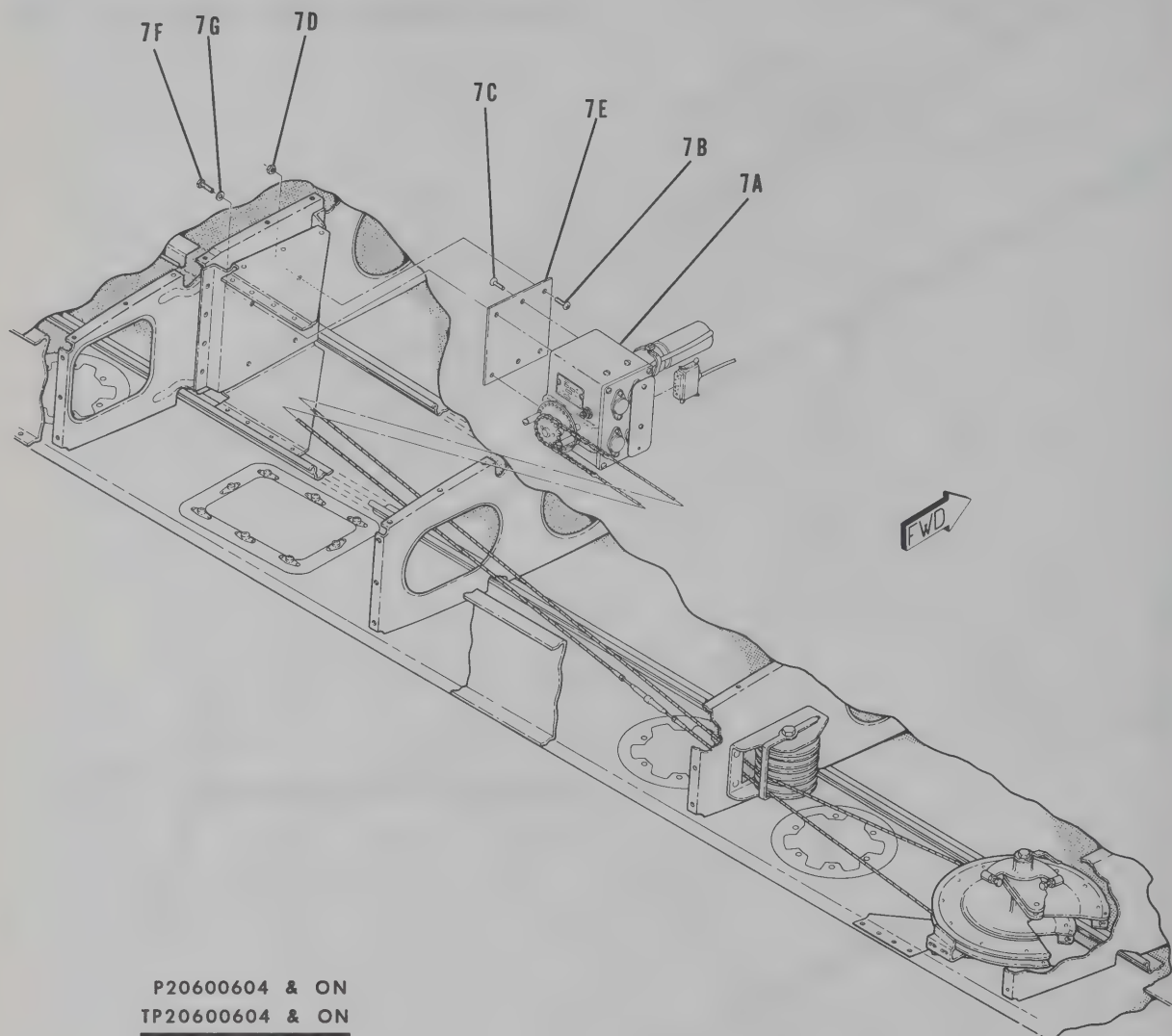


Figure 1-14. Cessna Nav-O-Matic 300 Installation - Model P206 Series Only (Sheet 1 of 2)

CESSNA NAV-O-MATIC 300 INSTALLATION



P20600604 & ON
TP20600604 & ON

P206 SERIAL P206-0520 & ON
TP206 SERIAL P206-0520 & ON

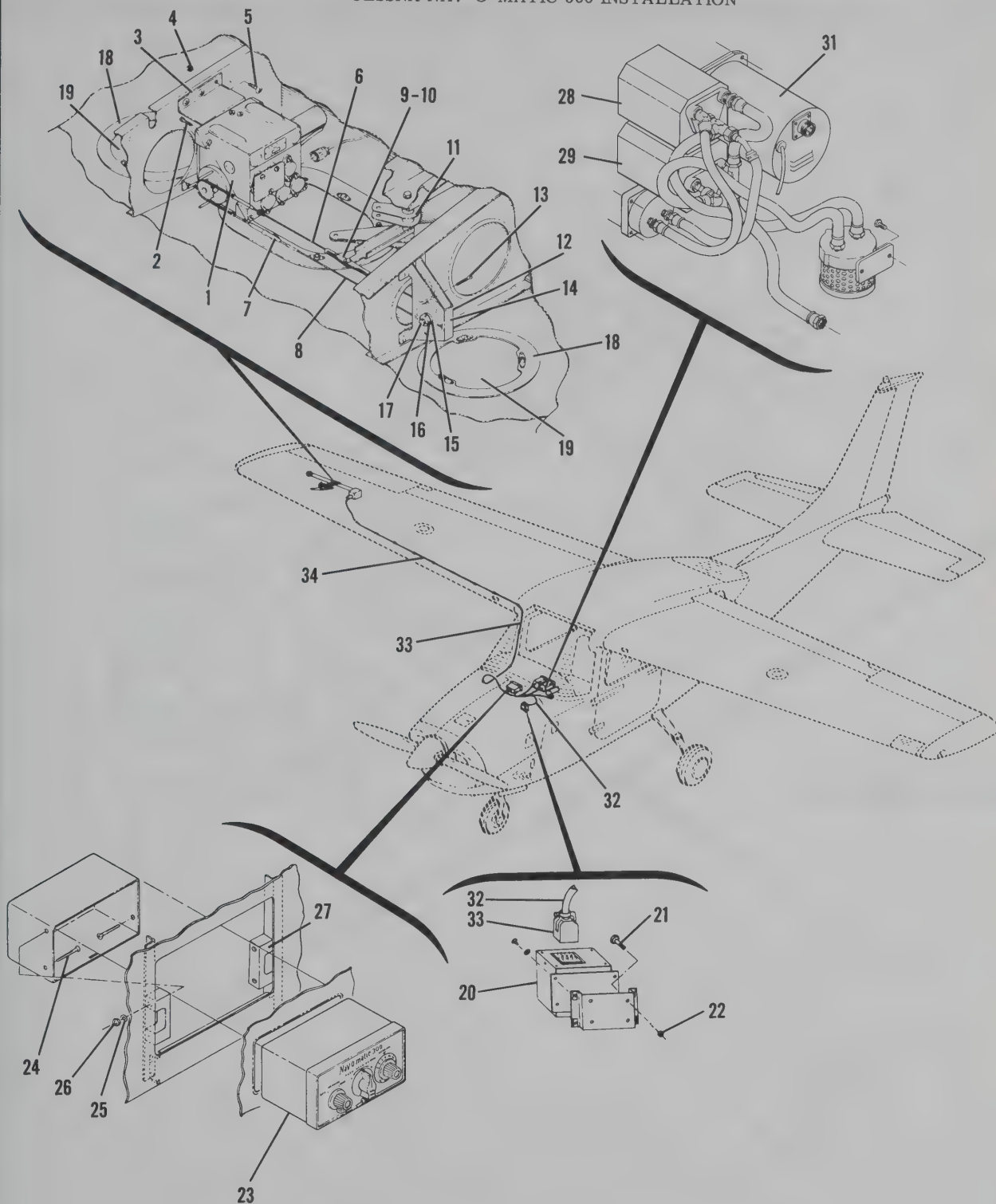
Figure 1-7. Cessna Nav-o-matic 300 Installation, Model P206 Series Only. (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-14-		CESSNA NAV-O-MATIC 300 INSTALLATION 206 SERIES ONLY -----	NP	
- 1	35660-1014	CONTROLLER AMPLIFIER TYPE C-594B ARC -----	1	
		ATTACHING PARTS -----		
- 2	AN507-632R20	SCREW -----	4	
- 3	AN960-6	WASHER -----	4	
- 4	MS20365-632C	NUT -----	4	
- 5	0713739-1	SPACER -----	2	
		-----*		
- 6	26360-0100	ACTUATOR ASSY TYPE PA-510A 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 ARC -----	1	B
		ATTACHING PARTS -----		
- 7B	AN570-1032R8	SCREW -----	2	B
- 7C	NAS221-9	SCREW -----	2	B
- 7D	NAS679A3	NUT -----	2	B
- 7E	12C0194-1	DOUBLER -----	1	B
- 7F	AN3-4A	BOLT -----	2	B
- 7G	AN960-10	WASHER -----	2	B
		-----*		
- 8	1220091-1	BRACKET -----	1	
- 9	127C049-9	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS -----		
	AN21-9	BOLT -----	1	
	AN320-1	NUT -----	1	
	MS24665-5	PIN-COTTER -----	1	
		-----*		
- 10	127C049-10	CABLE ASSY -----	1	
		ATTACHING PARTS -----		
- 11	AN155B16S	BARREL -----	1	
	AN21-9	BOLT -----	1	
	AN320-1	NUT -----	1	
	MS24665-5	PIN-COTTER -----	1	
		-----*		
- 12	126C095-1	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	
- 19	C661001-0504	GYRO HORIZON -----	REF	
		ATTACHING PARTS -----		
- 20	AN520-6R10	SCREW -----	4	
		-----*		
- 21	30370-0100	DIRECTIONAL GYRO TYPE G-520A ARC -----	1	
		ATTACHING PARTS -----		
	AN507-632R10	SCREW -----	3	
		-----*		
- 22	35060-0014	TURN COORDINATOR -----	1	
		ATTACHING PARTS -----		
	AN515B6R12	SCREW -----	4	
	AN936A6B	WASHER -----	4	
	AN34086	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 -----	1	
		HOUSING ATTACHES TO P-2 ON AUDIO JUNCTION BOX -----	1	
	28371-0005	CABLE ASSY CONTROLLER AMPLIFIER TO DIRECTIONAL GYRO -----	NP	
	28326-0005	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC -----	1	
		CONNECTOR ATTACHES TO DIRECTIONAL GYRO ARC -----	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		
1-14- 23		CABLE ASSY CONTROLLER AMPLIFIER TO ACTUATOR CABLE ----- & TURN COORDINATOR	NP	
	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
	28460-0000	CABLE ASSY TURN COORDINATOR TO BUS BAR ----- CONNECTOR ATTACHES TO TURN COORDINATOR ARC -----	NP 1	
		NOTE		
		REFER TO THE 206 PARTS CATALOG FOR VACUUM HOSES AND FITTINGS		
		A---P206 SERIAL P206-0520 THRU P20600603 TP206 SERIAL TP206-0520 THRU TP20600603		
		B---P206 SERIAL P20600604 & ON TP206 SERIAL TP20600604 & ON		

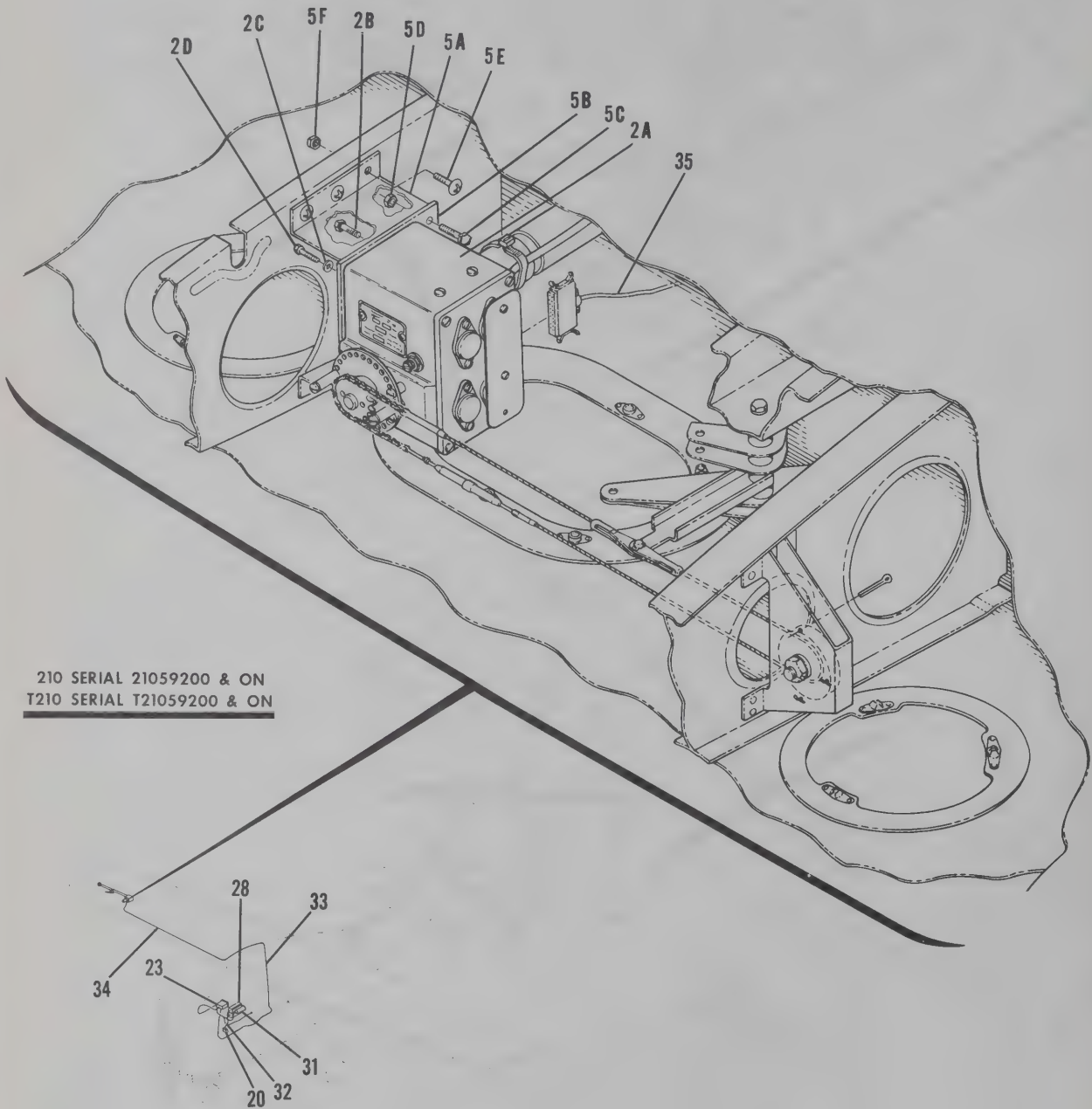
CESSNA NAV-O-MATIC 300 INSTALLATION



**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 WHEN EXHAUSTED		
		SHEAR PIN 60 INCH POUNDS - RED ARC -----	1	A
		ATTACHING PARTS		
	AN960-10	WASHER -----	4	A
- 2	AN3-4A	BOLT -----	4	A
		-----*		
- 2A	35070-1014	ACTUATOR ASSEMBLY TYPE PA-500A REPLACES ITEM 1 ARC -	1	B
		ATTACHING PARTS		
- 2B	AN507-1032R8	SCREW -----	2	B
- 2C	AN960-10	WASHER -----	2	B
- 2D	A3-4A	BOLT -----	2	B
		-----*		
- 3	1200027-1	SUPPORT - AUTOPILOT -----	1	A
		ATTACHING PARTS		
- 4	NAS679A3	NUT -----	4	A
- 5	AN520DD10R6	SCREW -----	4	A
		-----*		
	1200027-2	SUPPORT ASSY REPLACES ITEM 3 -----	1	B
- 5A	1200027-1	SUPPORT -----	1	B
- 5B	1200194-1	ADAPTER -----	1	B
- 5C	NAS221-9	SCREW -----	2	B
- 5D	NAS679A3	NUT -----	2	B
		ATTACHING PARTS		
- 5E	NAS679A3	NUT -----	4	B
- 5F	AN520DD10R6	SCREW -----	4	B
		-----*		
- 6	1200735-1	CHAIN & CABLE ASSY -----	1	
- 7	AN155-16S	BARREL -----	1	
- 8	1200735-2	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	289C0-C000	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 C594B ARC -----	1	
		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	
		-----*		
- 29	30370-0100	DIRECTIONAL GYRO TYPE G-520A ARC -----	1	
		ATTACHING PARTS		
- 30	AN507-632R20	SCREW -----	3	
		-----*		
- 31	35060-0014	TURN COORDINATOR -----	1	
		ATTACHING PARTS		
	AN51586R12	SCREW -----	4	
	AN936A6B	WASHER -----	4	
	AN340B6	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		
1-15- 32	28371-0009	CABLE ASSY	CONTROLLER AMPLIFIER TO OMNI COUPLER	-----					NP	
- 33	29410	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
	S1838-1	CONNECTOR	ATTACHES TO OMNI COUPLER	ARC	-----				1	
		HOUSING	ATTACHES TO P-2 ON AUDIO JUNCTION BOX	-----					1	
	28371-0005	CABLE ASSY	CONTROLLER AMPLIFIER TO DIRECTIONAL GYRO	-----					NP	
	28326-0005	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
- 34		CONNECTOR	ATTACHES TO DIRECTIONAL GYRO	ARC	-----				1	
	28336	CABLE ASSY	CONTROLLER AMPLIFIER TO ACTUATOR CABLE	-----					NP	
	28326-0009	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
		CONNECTOR	ATTACHES TO ACTUATOR CABLE	ARC	-----				1	
	28336	CABLE ASSY	CONTROLLER AMPLIFIER TO TURN COORDINATOR	-----					NP	
	50328-0002	CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER	ARC	----				1	
- 35		CONNECTOR	ATTACHES TO TURN COORDINATOR	ARC	-----				1	
	28326-0009	CABLE ASSY	ACTUATOR ASSY TO CONTROLLER AMPLIFIER CABLE	--					NP	
	38423-0001	CONNECTOR	ATTACHES TO ACTUATOR	ARC	-----				1	A
	28505-0009	CONNECTOR	ATTACHES TO ACTUATOR	ARC	-----				1	B
		CONNECTOR	ATTACHES TO CONTROLLER AMPLIFIER CABLE	ARC					1	
NOTE										
REFER TO THE 210 PARTS CATALOG										
FOR VACUUM HOSES AND FITTINGS										
A---210 SERIAL 21059062 THRU 21059199										
T210 SERIAL T210-0393 THRU T210-0454										
B---210 SERIAL 21059200 & ON										
T210 SERIAL T21059200 & ON										

CESSNA NAV-O-MATIC 300 INSTALLATION

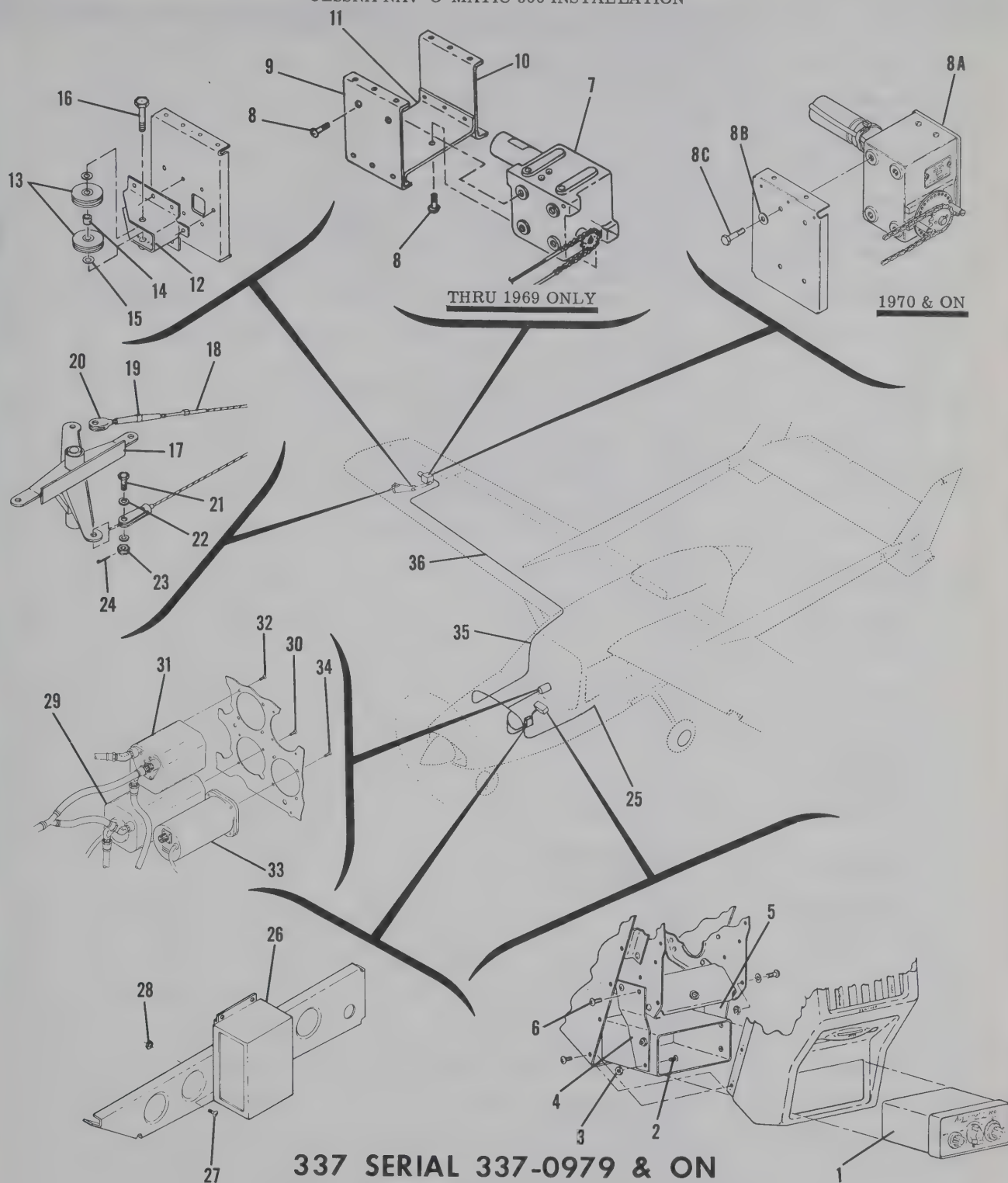


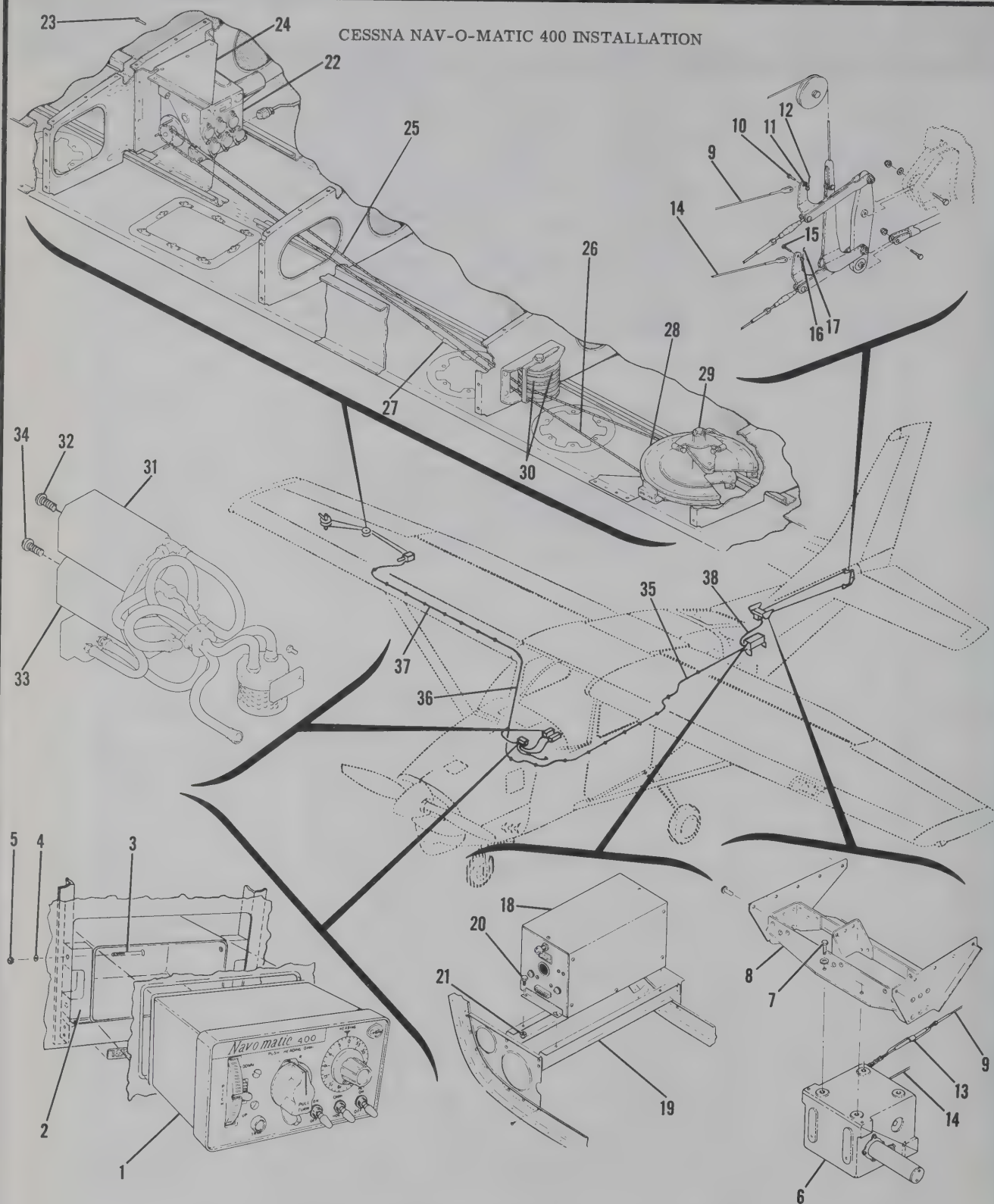
Figure 1-16. Cessna Nav-O-Matic 300 Installation - Model 337 Series Only



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	
		SERIES ONLY		
- 1	35660-1028	CONTROLLER AMPLIFIER TYPE C-5948 ARC -----	1	
		ATTACHING PARTS		
- 2	AN507-632R6	SCREW -----	4	
- 3	NAS679A06	NUT -----	4	
		-----*		
- 4	147C066-23	BRACKET - CONTROLLER - LH -----	1	
- 5	147C066-24	BRACKET - CONTROLLER - RH -----	1	
		ATTACHING PARTS		
- 6	AN515-8R8	SCREW -----	4	
		-----*		
- 7	29510-0001	ACTUATOR ASSY TYPE PA-511A ARC -----	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 WHEN -----	1	B
		EXHAUSTED		
		ATTACHING PARTS		
- 8B	AN960-10	WASHER -----	4	B
- 8C	AN520-10R10	SCREW -----	4	B
		-----*		
- 9	1422023-1	PLATE - CHORD TIE -----	1	A
- 10	1422023-2	PLATE - CHORD TIE -----	1	A
- 11	1422023-3	PLATE - ACTUATOR SUPPORT -----	1	A
- 12	1422023-4	PLATE - CHORD TIE -----	1	B
	147C066-9	DOOR - ACCESS NOT SHOWN -----	1	
		ATTACHING PARTS		
	AN507-1032R8	SCREW -----	16	
		-----*		
- 12	147C067-4	BRACKET ASSY - PULLEY -----	1	
- 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	1462C00-2	BELLCRANK ASSY -----	1	
- 18	156C008-2	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
- 19	AN155-16S	BARREL - TURNBUCKEL -----	1	
- 20	AN161-16LS	FORK -----	1	
- 21	AN3-7	BOLT -----	2	
- 22	AN960-C10L	WASHER-PLAIN -----	2	
- 23	AN310-C3	NUT -----	2	
- 24	MS24665-134	PIN - COTTER -----	2	
		-----*		
- 25	S1360-5	CIRCUIT BREAKER -----	1	
- 26	289C0-C000	OMNI COUPLER -----	1	
		ATTACHING PARTS		
- 27	AN515-8R18	SCREW -----	2	
	NAS43DD3-48	SPACER -----	2	
- 28	NAS679A08	NUT -----	2	
		-----*		
- 29	30370-0100	DIRECTIONAL GYRO TYPE G-520A ARC -----	1	
		ATTACHING PARTS		
- 30	AN507-632R10	SCREW -----	3	
		-----*		
- 31	C661001-0504	HORIZONTAL GYRO -----	1	
		ATTACHING PARTS		
- 32	AN5206R10	SCREW -----	4	
		-----*		
- 33	35060-0028	TURN COORDINATOR -----	1	
		ATTACHING PARTS		
- 34	AN515B6R12	SCREW -----	4	
	AN936A6B	WASHER -----	4	
	AN340B6	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		
1-16-	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 -----	1	
		HOUSING ATTACHES TO P2 ON AUDIO JUNCTION BOX -----	1	
	28371-0005	CABLE ASSY CONTROLLER AMPLIFIER TO DIRECTIONAL GYRO -----	NP	
	30370-0100	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER -----	1	
		CONNECTOR ATTACHES TO DIRECTIONAL GYRO -----	1	
- 35		CABLE ASSY CONTROLLER AMPLIFIER TO ACTUATOR CABLE -----	NP	
	28336	CONNECTOR ATTACHES TO CONTROLLER AMPLIFIER ARC ----	1	
	S1641-6	HOUSING - SOCKET ATTACHES TO ACTUATOR CABLE -----	1	
- 36		CABLE ASSY ACTUATOR TO CONTROLLER AMPLIFIER CABLE -----	NP	
	28326-0009	CONNECTOR ATTACHES TO ACTUATOR -----	1	A
	38423-0001	CONNECTOR ATTACHES TO ACTUATOR -----	1	B
	S1640-6	HOUSING PIN ATTACHES TO CONTROLLER AMPLIFIER CABLE ----	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	
		NOTE		
		REFER TO THE 337 PARTS CATALOG		
		FOR VACUUM HOSES AND FITTINGS		
		A---337 SERIAL 337-0979 THRU 337-1193		
		T337 SERIAL T337-0979 THRU T337-1193		
		B---337 SERIAL 33701194 & ON		
		T337 SERIAL T33701194 & ON		
		F337 SERIAL F33700001 & ON		
		FT337 SERIAL FT33700001 & ON		

CESSNA NAV-O-MATIC 400 INSTALLATION

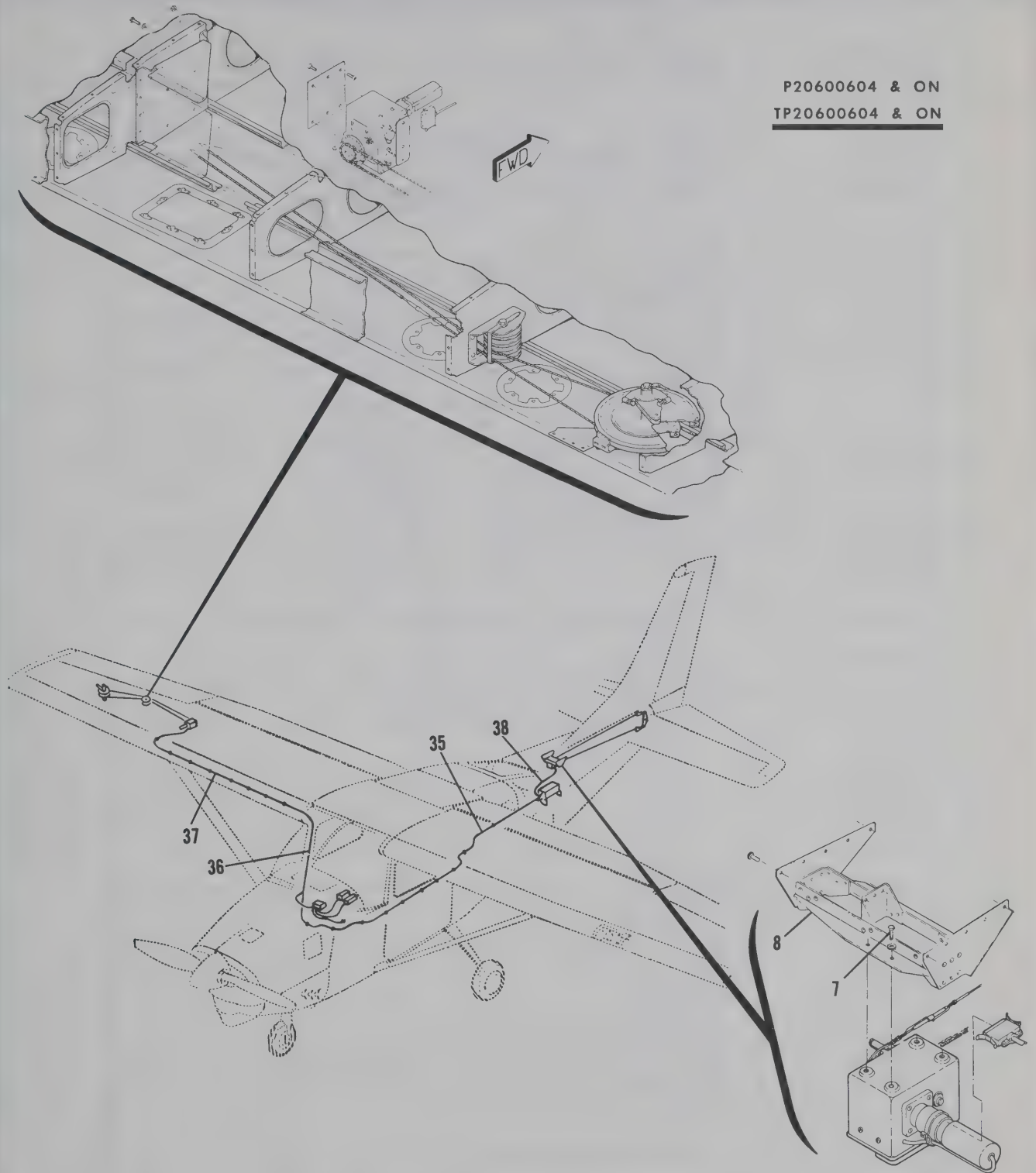


**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**

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

CESSNA NAV-O-MATIC 400 INSTALLATION

P20600604 & ON
TP20600604 & ON



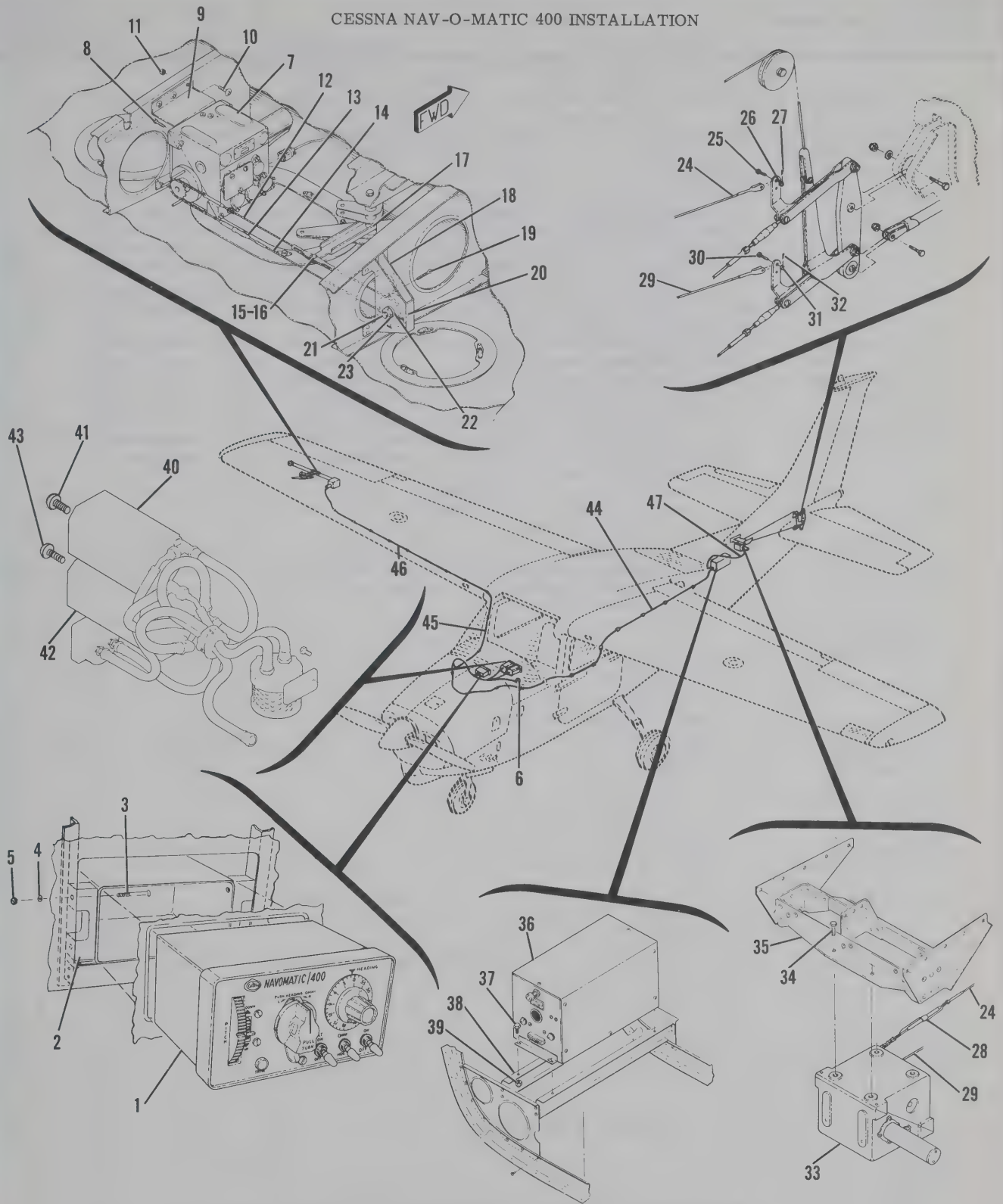
P206 SERIAL P206-0520 & ON
TP206 SERIAL P206-0520 & ON

Figure 1-17. Cessna Nav-O-Matic 400 Installation - Model 206 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		
1-17-		CESSNA NAV-O-MATIC 400 INSTALLATION P206 SERIES ONLY -----	NP	
- 1	35670-1014	CONTROLLER AMPLIFIER TYPE C-520B ARC -----	1	
		ATTACHING PARTS -----		
- 2	C713739-1	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	
- 6	26360-0100	ACTUATOR-ELEVATOR TYPE PA-510A ARC -----	1	A
	38144-0060	SHEAR PIN 60 INCH POUNDS RED ARC -----	1	A
	35070-1214	ACTUATOR-ELEVATOR TYPE PA-500A ARC -----	1	B
		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	AN155-16S	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 CA520B ARC -----	1	
		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 -----	1	A
		ITEM 23A ARC -----		
	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 -----	1	B
		ITEM 22 ARC -----		
		ATTACHING PARTS -----		
-23B	AN570-1032R8	SCREW -----	2	B
-23C	NAS221-9	SCREW -----	2	B
-23D	NAS679A3	NUT -----	2	B
-23E	1200194-1	DOUBLER -----	1	B
-23F	AN3-4A	BOLT -----	2	B
-23G	AN960-10	WASHER -----	2	B
		-----*		
- 24	1220091-1	BRACKET -----	1	
- 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	AN155B16S	BARREL -----	1	
	AN21-9	BOLT -----	1	
	AN320-1	NUT -----	1	
	MS24665-5	PIN-COTTER -----	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		
1-17- 28	126C095-1	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 ARC -----	1	
		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-C007	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
NOTE. REFER TO THE 206 SERIES PARTS CATALOG FOR VACUUM HOSES AND FITTINGS				
A---P206 SERIAL P206-0520 THRU P20600603 TP206 SERIAL TP206-0520 THRU TP20600603				
B---P206 SERIAL P20600604 & ON TP206 SERIAL TP20600604 & ON				

CESSNA NAV-O-MATIC 400 INSTALLATION



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

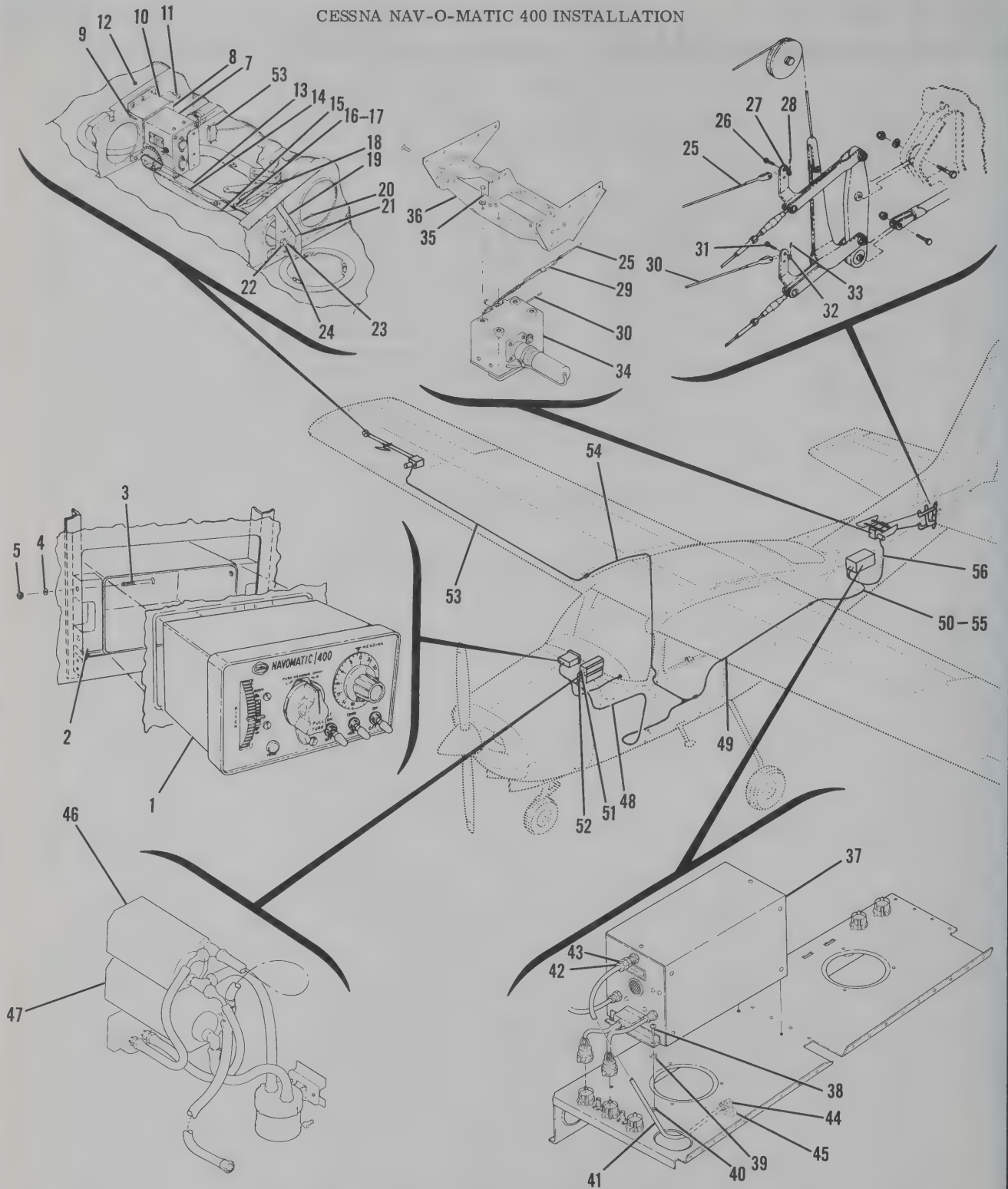
Figure 1-18. Cessna Nav-O-Matic 400 Installation - Model 210 Series Only

Cessna illustrated parts catalog

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-18-		CESSNA NAV-O-MATIC 400 INSTL 210 & T210 SERIES THRU -----	NP	A
		1969 MODELS ONLY		
- 1	35670-1014	CONTROLLER AMPLIFIER TYPE C-520B ARC -----	1	
		ATTACHING PARTS		
- 2	0713739-1	SPACER -----	2	
- 3	AN507-632R20	SCREW -----	4	
- 4	AN960-6	WASHER -----	4	
- 5	NAS697A06	NUT -----	4	
		-----*		
	0713750-4	PLACARD ASSY MOUNTED ON LP INSTRUMENT PANEL COVER -----	1	
- 6	S1360-10	CIRCUIT BREAKER -----	1	
- 7	26360-0100	ACTUATOR-AILERON TYPE PA-510A ARC -----	1	
	38144-0060	SHEAR PIN 60 INCH POUNDS-GOLD ARC -----	1	
		ATTACHING PARTS		
- 8	AN3-4A	BCLT -----	4	
	AN960-10	WASHER -----	4	
		-----*		
- 9	1200027-1	SUPPORT -----	1	
		ATTACHING PARTS		
- 10	AN520-10R6	SCREW -----	6	
- 11	NAS679A3	NUT -----	6	
		-----*		
- 12	1200735-1	CHAIN & CABLE ASSY -----	1	
- 13	AN155-16S	BARREL -----	1	
- 14	1200735-2	CABLE ASSY -----	1	
		ATTACHING PARTS		
- 15	MS20392-2C9	PIN -----	1	
- 16	MS24665-132	PIN-COTTER -----	1	
		-----*		
- 17	1221087-12	BELLCRANK -----	1	
- 18	1200016-1	PULLEY SUPPORT -----	1	
- 19	MS24665-285	PIN-COTTER -----	3	
- 20	MS20220-1	PULLEY -----	1	
		ATTACHING PARTS		
- 21	AN5-11A	BCLT -----	1	
- 22	AN960-516	WASHER -----	1	
- 23	NAS679A5	NUT -----	1	
		-----*		
- 24	0770702-12	CABLE ASSY -----	1	
		ATTACHING PARTS		
- 25	AN23-10	BOLT -----	1	
- 26	AN310-3	NUT -----	1	
- 27	MS24665-134	PIN-COTTER -----	1	
- 28	AN155-16S	BARREL -----	1	
		-----*		
- 29	0770702-14	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
- 30	AN23-10	BOLT -----	1	
- 31	AN310-3	NUT -----	1	
- 32	MS24665-134	PIN-COTTER -----	1	
		-----*		
- 33	26360-0100	ACTUATOR-ELEVATOR TYPE PA-510A ARC -----	1	
	38144-0060	SHEAR PIN 60 INCH POUNDS GOLD ARC -----	1	
		ATTACHING PARTS		
- 34	AN3-4A	BOLT -----	4	
- 35	1260651-1	BRACKET ASSY -----	1	
		-----*		
- 36	35910-1014	COMPUTER AMPLIFIER TYPE CA-520B ARC -----	1	
		ATTACHING PARTS		
- 37	AN3-3A	BOLT -----	4	
- 38	1260652-1	BRACKET ASSY -----	1	
- 39	NAS679A3	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		
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		CABLE ASSY CONTROL UNIT TC 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	
	28326-0005	CONNECTOR ATTACHES TO DIRECTIONAL GYRO ARC -----	1	
	28371-0005	CONNECTOR ATTACHES TO CONTROL UNIT ARC -----	1	
- 45		CABLE ASSY COMPUTER TO ROLL ACTUATOR CABLE -----	NP	
	28371-0007	CONNECTOR ATTACHES TO COMPUTER ARC -----	1	
	28326-0009	CONNECTOR ATTACHES TO ROLL ACTUATOR CABLE ARC -----	1	
- 46		CABLE ASSY ROLL ACTUATOR TO COMPUTER CABLE -----	NP	
	28326-0009	CONNECTOR ATTACHES TO ROLL ACTUATOR -----	1	
	28505-0009	CONNECTOR ATTACHES TO COMPUTER CABLE -----	1	
- 47		CABLE ASSY COMPUTER TO PITCH ACTUATOR -----	NP	
	28371-0009	CONNECTOR ATTACHES TO COMPUTER -----	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-C393 THRU T210-0454				

CESSNA NAV-O-MATIC 400 INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

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

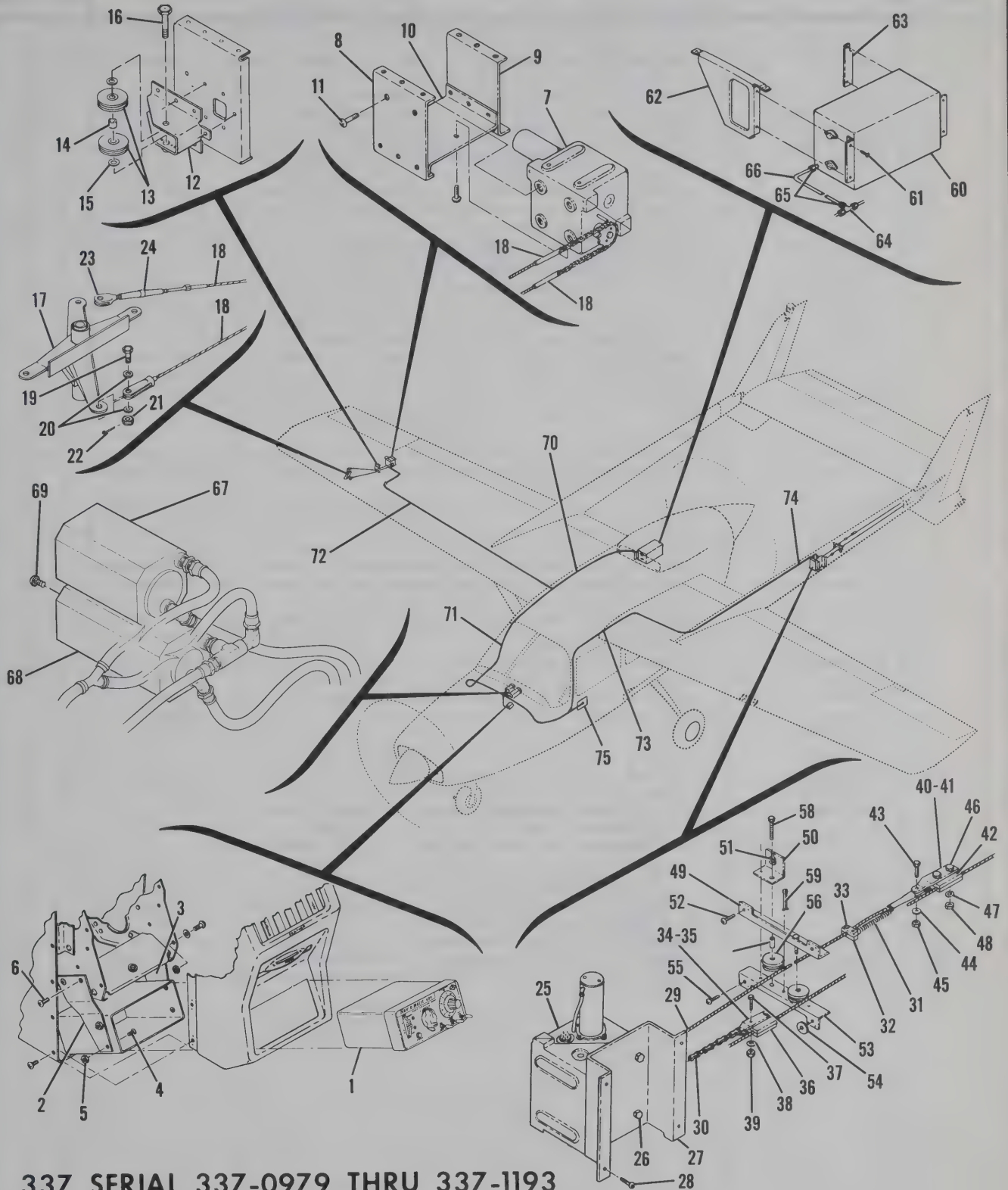
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-19-		CESSNA NAV-D-MATIC 400 INSTL TYPE AF-520C 1970 & ON ---	NP	
- 1	35670-1014	MODEL 210 SERIES ONLY CONTROLLER AMPLIFIER TYPE C-520B ARC -----	1	
- 2	0713739-1	ATTACHING PARTS	2	
- 3	AN507-632R20	SPACER -----	4	
- 4	AN960-6	SCREW -----	4	
- 5	NAS697A06	WASHER -----	4	
		NUT -----		
		-----*		
- 6	0713750-12	PLACARD ASSY MOUNTED ON LH INST PANEL COVER -----	1	
- 7	S1360-10	CIRCUIT BREAKER -----	1	
- 8	35070-1014	ACTUATOR-AILERON TYPE PA-500A ARC -----	1	
- 9	12C0194-1	ATTACHING PARTS	1	
	NAS221-9	ADAPTER -----	2	
	NAS679A3	SCREW -----	2	
- 10	AN507-1032R8	NUT -----	2	
	AN960-10	SCREW -----	2	
	AN3-4A	WASHER -----	2	
		BOLT -----		
		-----*		
- 11	1200027-1	SUPPORT -----	1	
- 12	AN520-10R6	ATTACHING PARTS	6	
- 13	NAS679A3	SCREW -----	6	
		NUT -----		
		-----*		
- 14	1200735-1	CHAIN & CABLE ASSY -----	1	
- 15	AN155-16S	BARREL -----	1	
- 16	12C0735-2	CABLE ASSY -----	1	
- 17	MS20392-209	ATTACHING PARTS	1	
- 18	MS24665-132	PIN -----	1	
- 19	1221087-12	PIN-COTTER -----	1	
- 20	120016-1	-----*		
- 21	MS24665-285	BELLCRANK -----	1	
- 22	MS20220-1	PULLEY SUPPORT -----	1	
- 23	AN5-11A	PIN-COTTER -----	3	
- 24	AN960-516	PULLEY -----	1	
- 25	NAS679A5	ATTACHING PARTS	1	
- 26	0770702-12	BOLT -----	1	
- 27	AN23-10	WASHER -----	1	
- 28	AN310-3	NUT -----	1	
- 29	MS24665-134	-----*		
- 30	AN155-16S	CABLE ASSY -----	1	
- 31	0770702-19	ATTACHING PARTS	1	
- 32	AN23-10	BOLT -----	1	
- 33	AN310-3	NUT -----	1	
- 34	MS24665-134	PIN-COTTER -----	1	
- 35	35070-1014	-----*		
- 36	AN3-4A	ACTUATOR-ELEVATOR TYPE PA-500A ARC -----	1	
- 37	1260651-1	ATTACHING PARTS	4	
- 38	35910-0014	BOLT -----	1	
- 39	NAS603-12	BRACKET ASSY -----	1	
- 40	S355	-----*		
	S1613-3-75	COMPUTER AMPLIFIER TYPE CA-520B ARC -----	1	
		ATTACHING PARTS	4	
		SCREW -----	4	
		SPACER -----	4	
		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		
1-19- 41	12C0202-2	TUBE ----- ATTACHING PARTS -----	1	
- 42	S1131-1	INSERT -----	2	
- 43	S1130-1	NUT ----- -----*	2	
- 44	S1135-1	ELBOW -----	1	
- 45	S1776-4P	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 ARC ----- ATTACHING PARTS -----	1	
	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 TWC CABLE ASSEMBLIES AT STA. ----- NP		
	31683-0020	152.20 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	
- 56		CABLE ASSY PITCH ACTUATOR TO COMPUTER ----- NP		
	38423-0001	CONNECTOR CONNECTS TO PITCH ACTUATOR ARC -----	1	
	28371-0009	CONNECTOR CONNECTS TO COMPUTER ARC -----	1	

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 & T337 -- MODELS ONLY	NP	
- 1	35670-1028	CONTROLLER-AMPLIFIER 28 VOLT TYPE C-520B ARC ----	1	
		ATTACHING PARTS		
- 2	147C066-23	BRACKET-CONTROLLER LH -----	1	
- 3	147C066-24	BRACKET-CONTROLLER RH -----	1	
- 4	AN507-632R6	SCREW -----	4	
- 5	NAS679A06	NUT -----	4	
- 6	AN515-8R6	SCREW STANDARD EQUIPMENT -----	4	
		-----*		
- 7	29510-C001	ACTUATOR ASSY-AILERON TYPE PA-511A-28 VOLT ARC -----	1	
	38144-0060	SHEAR PIN 30 INCH POUNDS RED ARC -----	1	
		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	156C008-2	CHAIN & CABLE ASSY -----	1	
		ATTACHING PARTS		
- 19	AN3-7	BOLT -----	2	
- 20	AN960-C10L	WASHER -----	4	
- 21	AN310-C3	NUT -----	2	
- 22	MS24665-134	PIN-COTTER -----	2	
- 23	AN161-16LS	FORK -----	1	
- 24	AN155-16S	BARREL-TURNBUCKLE -----	1	
		-----*		
- 25	29510-0401	ACTUATOR ASSY-ELEVATOR TYPE PA-511A-4-28 VOLT ARC ---	1	
	38144-0030	SHEAR PIN 30 INCH POUNDS GREEN ARC -----	1	
		ATTACHING PARTS		
- 26	AN520-10R10	SCREW -----	4	
		-----*		
- 27	147C066-26	BRACKET ASSY -----	1	
		ATTACHING PARTS		
- 28	AN525-832R8	SCREW -----	4	
		-----*		
- 29	1560008-1	CHAIN & CABLE ASSY -----	1	
- 30	156C008-6	CHAIN 14 INCHES REQD -----	AR	
- 31	147C066-54	SPRING -----	1	
- 32	146C326-1	BLOCK-STOP -----	2	
		ATTACHING PARTS		
- 33	AN520-10R6	SCREW -----	2	
		-----*		
- 34	147C066-33	LINK -----	1	
- 35	147C066-32	LINK -----	1	
- 36	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
- 37	AN3-10A	BOLT -----	2	
- 38	AN960-10	WASHER -----	2	
- 39	NAS679A3	NUT -----	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		
1-20- 40	147C066-34	LINK -----	1	
- 41	147C066-35	LINK -----	1	
- 42	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
- 43	AN3-6	BOLT -----	1	
- 44	AN960-10	WASHER -----	1	
- 45	NAS679A3	NUT -----	1	
- 46	AN3-10A	BOLT -----	2	
- 47	AN960-10	WASHER -----	2	
- 48	NAS679A3	NUT -----	2	
		-----*		
- 49	147C066-14	BRACKET ASSY-PULLEY -----	1	
- 50	147C066-55	CLIP -----	1	
- 51	S338-1	FAIRLEAD -----	2	
	S339-1	CLIP -----	1	
		ATTACHING PARTS		
- 52	AN520-10R10	SCREW -----	2	
		-----*		
- 53	147C066-12	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	AN3-3A	BOLT -----	4	
		-----*		
- 62	147C066-50	BRACKET ASSY-COMPUTER FWD -----	1	
- 63	147C066-58	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	37570-0C01	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	

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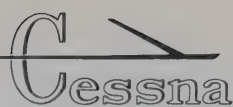
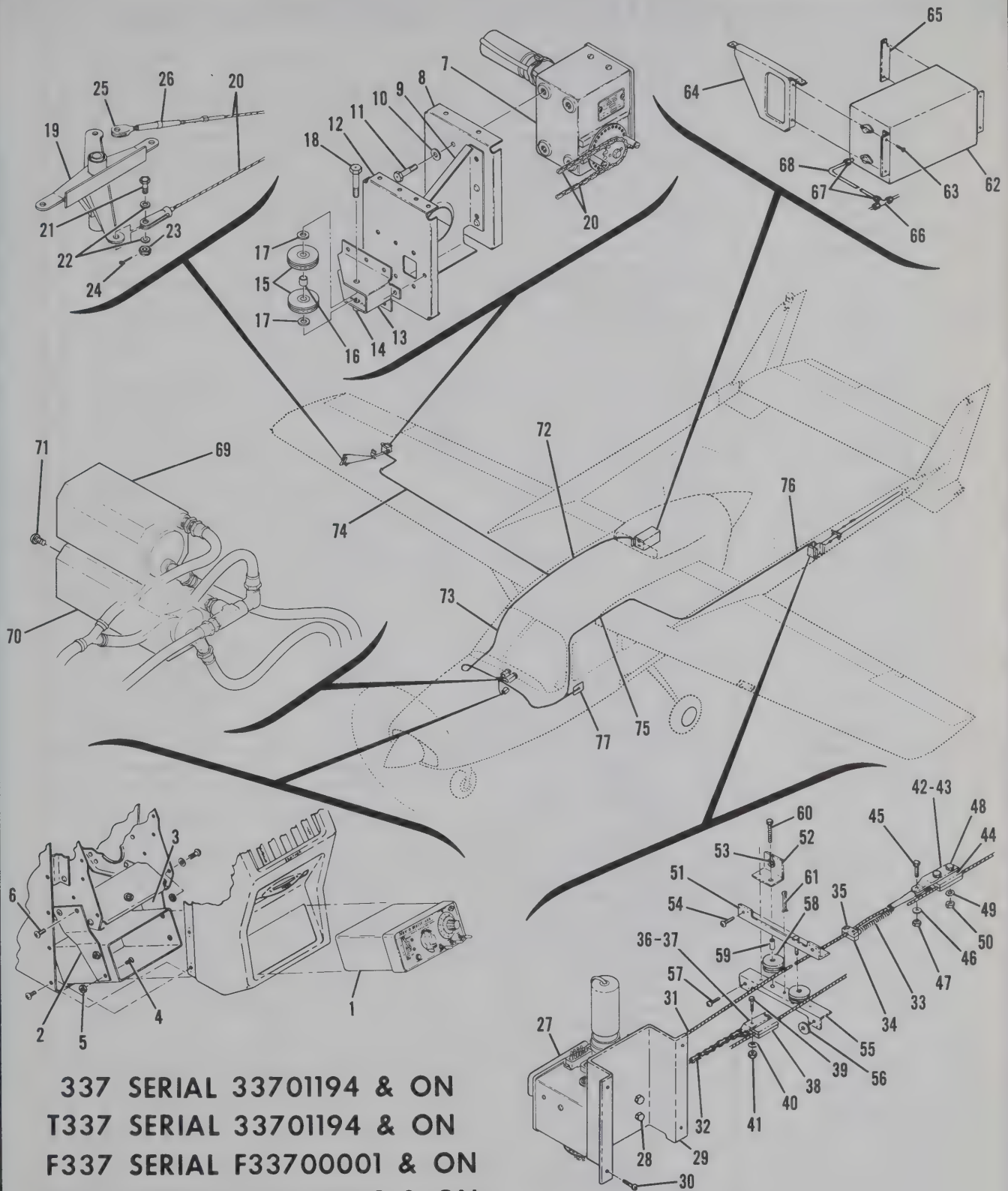


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
1-20- 72	28326-0009	CABLE ASSY ROLL ACTUATOR TO COMPUTER CABLE -----	NP	
	S1640-9	CONNECTOR ATTACHES TO ROLL ACTUATOR ARC -----	1	
- 73		HOUSING PIN ATTACHES TO COMPUTER CABLE -----	1	
	28371-0009	CABLE ASSY COMPUTER TO PITCH ACTUATOR CABLE -----	NP	
	S1641-9	CONNECTOR ATTACHES TO COMPUTER ARC -----	1	
- 74		HOUSING SOCKET ATTACHES TO PITCH ACTUATOR CABLE -----	1	
	28326-0009	CABLE ASSY PITCH ACTUATOR TO COMPUTER CABLE -----	NP	
	S1640-9	CONNECTOR ATTACHES TO PITCH ACTUATOR ARC -----	1	
- 75	S1360-5	HOUSING PIN ATTACHES TO COMPUTER CABLE -----	1	
	14CC019-29	CIRCUIT BREAKER -----	1	
		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



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

Figure 1-21. 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		
1-21-		CESSNA NAV-O-MATIC 400 INSTALLATION 1970 & ON 337 -----	NP	
- 1	35670-1028	SERIES ONLY CONTROLLER-AMPLIFIER 28 VOLT TYPE C-520B ARC ----	1	
		ATTACHING PARTS		
- 2	147C066-23	BRACKET-CONTROLLER LH -----	1	
- 3	147C066-24	BRACKET-CONTROLLER RH -----	1	
- 4	AN507-632R6	SCREW -----	4	
- 5	NAS679A06	NUT -----	4	
- 6	AN515-8R6	SCREW STANDARD EQUIPMENT ON ACFT -----	4	
- 7	35C70-1028	ACTUATOR ASSY-AILERON TYPE PA-500A 28 VOLT ARC --	1	
		ATTACHING PARTS		
- 8	1422023-5	PLATE-40 PER CENT CORD TIE -----	1	
- 9	157C224-1	BRACKET -----	1	
- 10	AN960-10	WASHER -----	4	
- 11	AN520-10R10	SCREW -----	4	
		-----*		
	156C111-2	BRACKET ASSY-PULLEY -----	1	
- 12	147C066-62	SUPPORT -----	1	
- 13	147C066-63	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	AN960-C10L	WASHER -----	4	
- 23	AN310-C3	NUT -----	2	
- 24	MS24665-134	PIN-COTTER -----	2	
- 25	AN161-16LS	FORK -----	1	
- 26	AN155-16S	BARREL-TURNBUCKLE -----	1	
		-----*		
- 27	35070-1128	ACTUATOR ASSY-ELEVATOR TYPE PA-500A 28 VOLT ARC -	1	
		ATTACHING PARTS		
- 28	AN520-10R10	SCREW -----	4	
		-----*		
- 29	147C066-60	BRACKET ASSY -----	1	
		ATTACHING PARTS		
- 30	AN525-832R8	SCREW -----	4	
		-----*		
- 31	156C008-1	CHAIN & CABLE ASSY -----	1	
- 32	156C008-6	CHAIN 13.75 INCHES REQD -----	AR	
- 33	147C066-54	SPRING -----	1	
- 34	146C326-1	BLOCK-STOP -----	2	
		ATTACHING PARTS		
- 35	AN520-10R6	SCREW -----	2	
		-----*		
- 36	147C066-33	LINK -----	1	
- 37	147C066-32	LINK -----	1	
- 38	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
- 39	AN3-10A	BOLT -----	2	
- 40	AN960-10	WASHER -----	2	
- 41	NAS679A3	NUT -----	2	
		-----*		
- 42	147C066-34	LINK -----	1	
- 43	147C066-35	LINK -----	1	
- 44	0861520-1	CLAMP HALF -----	2	
		ATTACHING PARTS		
- 45	AN3-6	BOLT -----	1	
- 46	AN960-10	WASHER -----	1	
- 47	NAS679A3	NUT -----	1	
- 48	AN3-10A	BOLT -----	2	
- 49	AN960-10	WASHER -----	2	
- 50	NAS679A3	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		
1-21- 51	147C066-14	BRACKET ASSY-PULLEY -----	1	
- 52	147C066-55	CLIP -----	1	
- 53	S338-1	FAIRLEAD -----	2	
	S339-1	CLIP -----	1	
		ATTACHING PARTS		
- 54	AN520-10R10	SCREW -----	2	
		-----*		
- 55	147C066-12	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	AN3-3A	BOLT -----	4	
		-----*		
- 64	147C066-50	BRACKET ASSY-COMPUTER FWD -----	1	
- 65	147C066-58	BRACKET ASSY-COMPUTER AFT -----	1	
	MS35459-14	GROMMET USED WITH TURBO SYSTEM ONLY -----	1	
- 66	S1137-1	TEE -----	1	
- 67	S1130-1	NUT -----	2	
	S1131-1	INSERT -----	2	
- 68	S1071-1-36.0	LINE -----	1	
- 69	37570-0001	GYRO-HORIZON TYPE G-519A-1 ARC -----	1	
		ATTACHING PARTS		
	AN507B632R10	SCREW -----	4	
		-----*		
- 70	30370-0100	GYRO-DIRECTIONAL TYPE G-520A ARC -----	1	
		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-C007	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	
	140C019-29	PLACARD CENTERED BELOW VERTICAL SPEED INDICATOR -----	1	

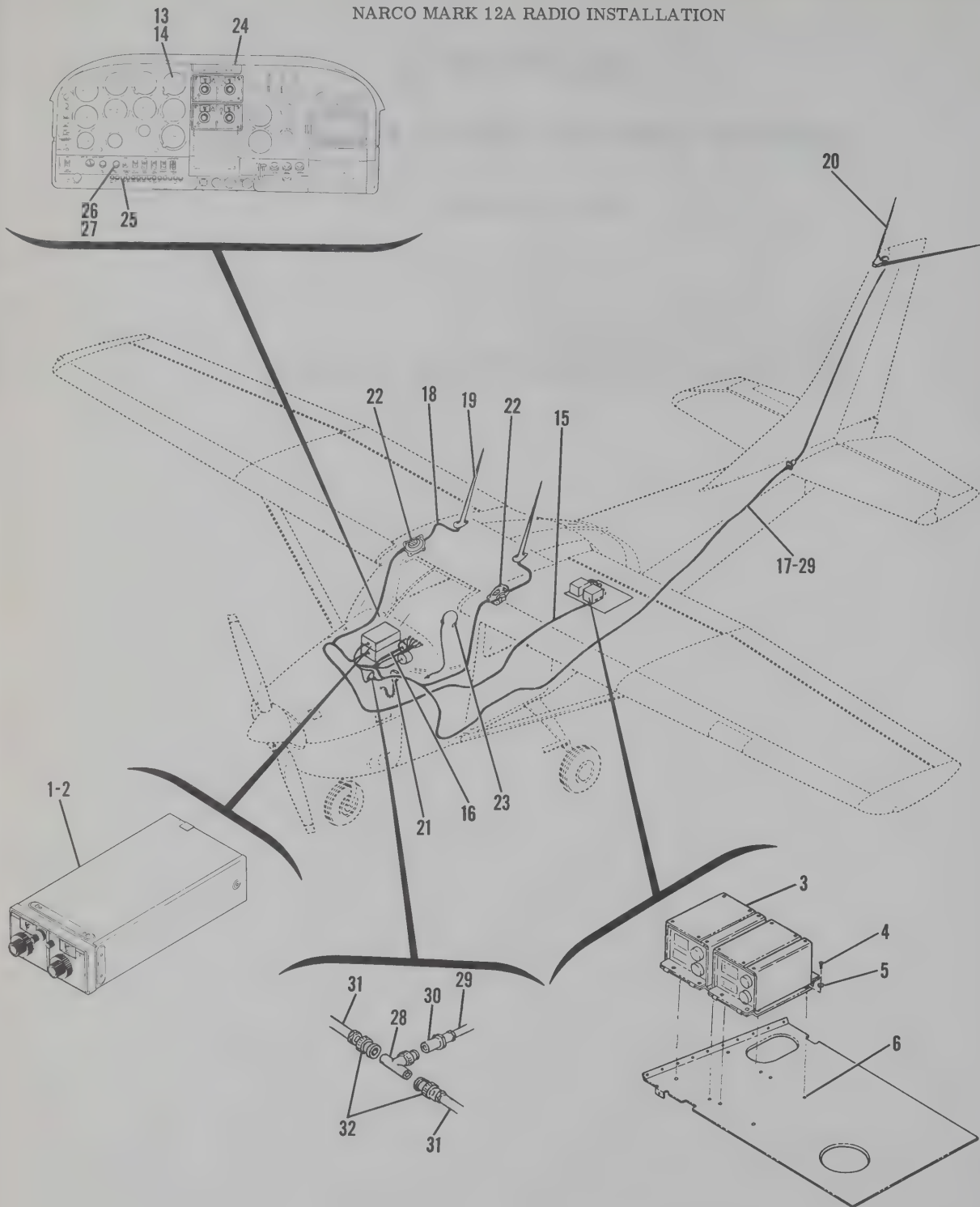
SECTION II

VENDOR CRAFTED RADIO EQUIPMENT

TABLE OF CONTENTS

Figure	Equipment	Page
2-1	Narco Mark 12A Radio Installation	2-2
2-2	Narco Mark 12B Radio Installation	2-7
2-3	Narco UGR-2 Glide Slope Radio Installation	2-14
2-4	Sunair Single Side-Band (Type ASB-125) Radio Installation	2-19

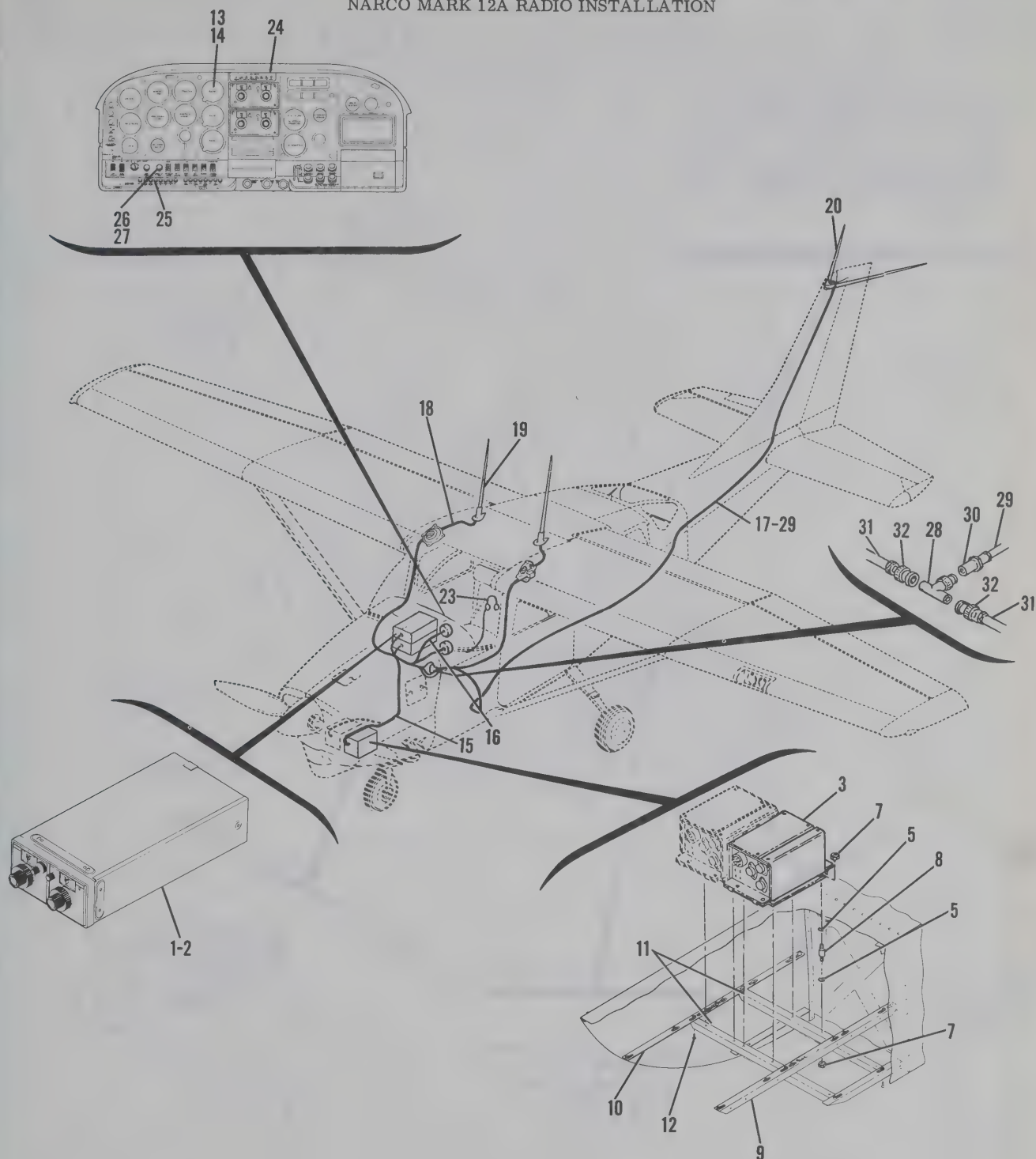
NARCO MARK 12A RADIO INSTALLATION



182 SERIAL 18259306 THRU 18260060

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

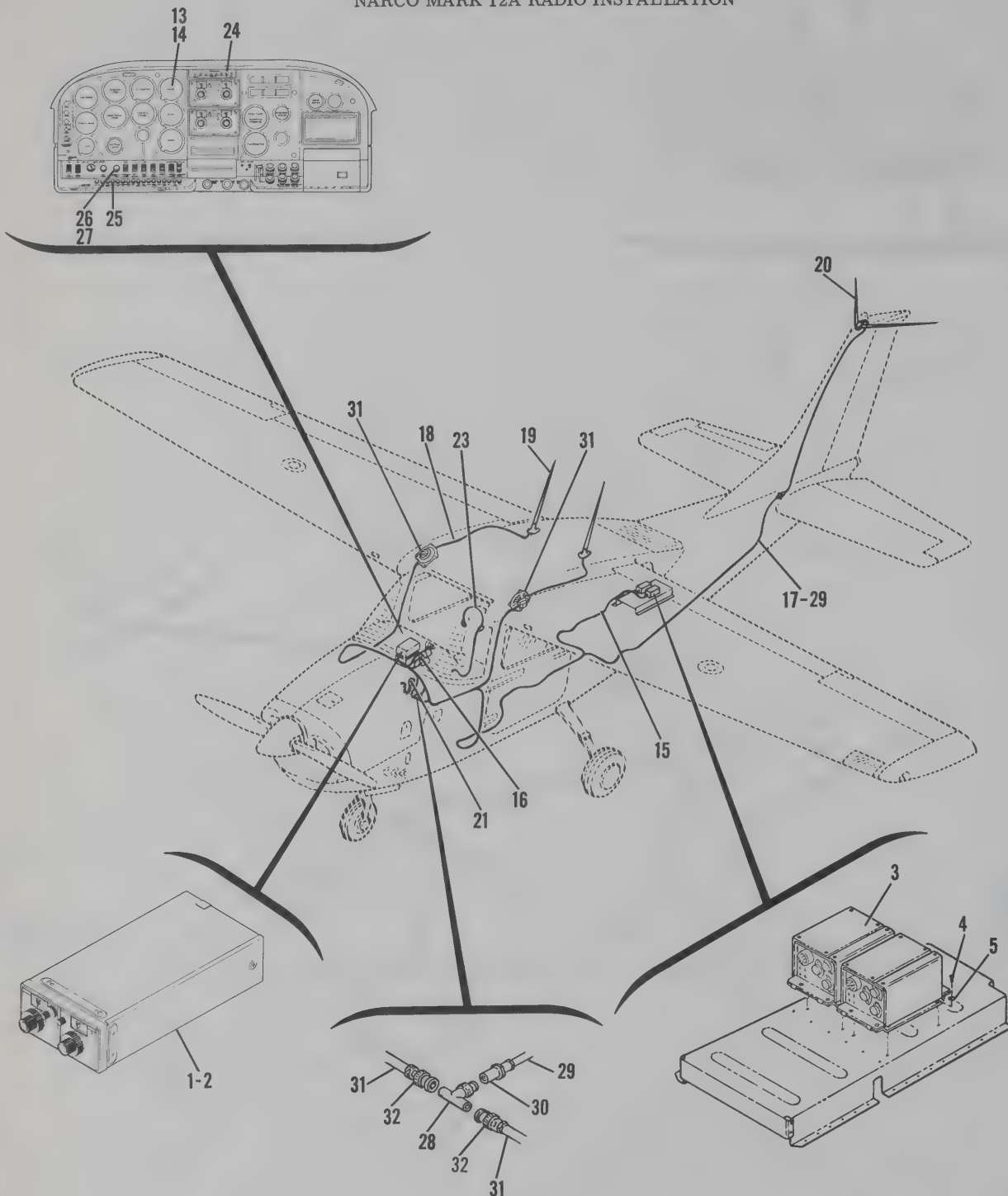
NARCO MARK 12A RADIO INSTALLATION



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

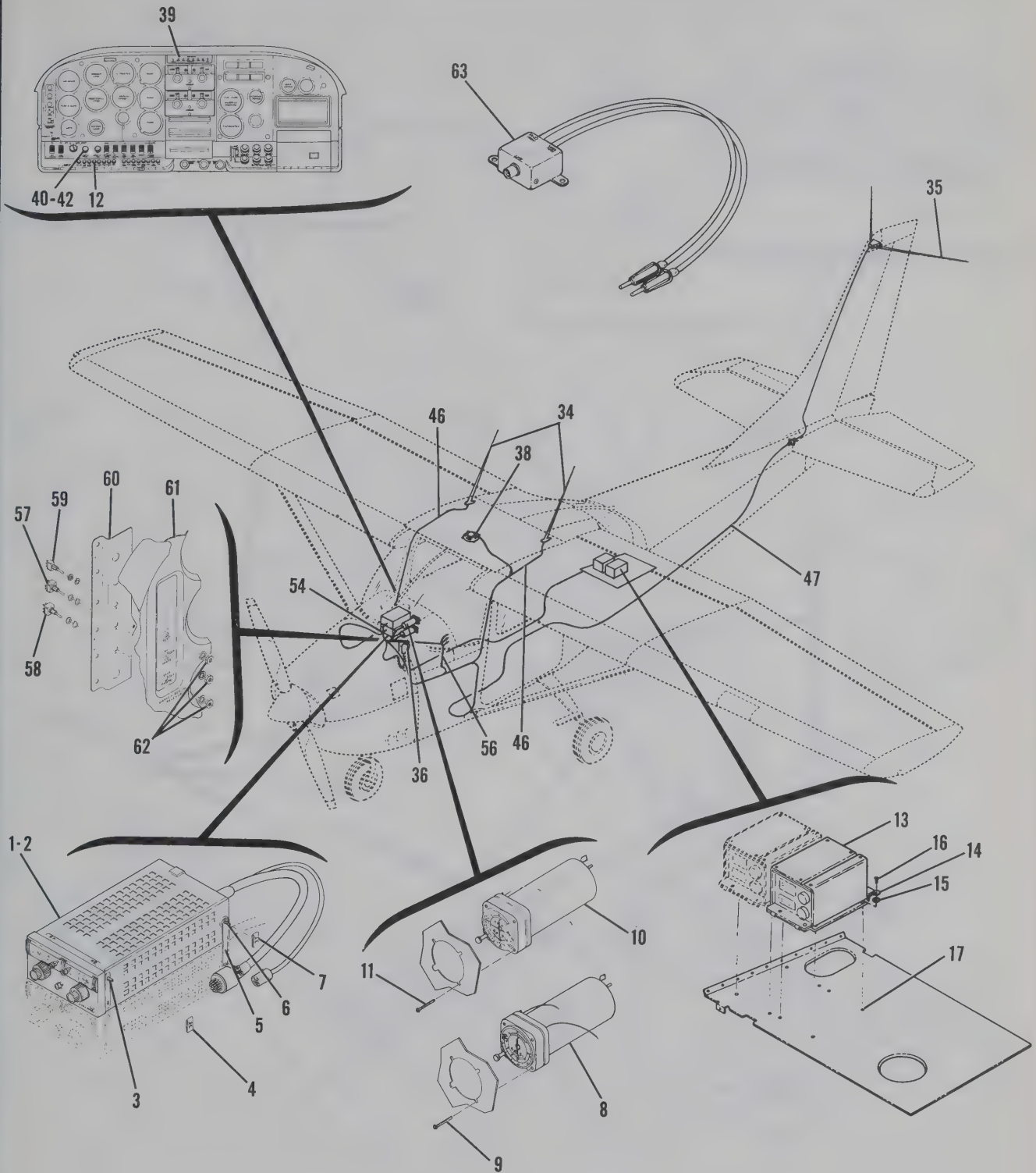
Figure 2-1. Narco Mark 12A Radio Installation (Sheet 3 of 3)

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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-		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	TRANSCIEVER - 90 CHANNEL NARO ALL MODELS -----	1	
		TRANSCIEVER - 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	AN34088	NUT P206 SERIES ONLY -----	8	
- 8	O411059-3	SHOCKMOUNT P206 SERIES ONLY -----	4	
		-----*		
- 9	1270627-85	SIDE ANGLE ASSY - LH SIDE - STANDARD EQUIPMENT -----	REF	
		CN AIRCRAFT P206 SERIES ONLY		
- 10	1270627-86	SIDE ANGLE ASSY - RH SIDE - STANDARD EQUIPMENT -----	REF	
		CN AIRCRAFT P206 SERIES ONLY		
- 11	1270627-56	ATTACH ANGLE P206 SERIES ONLY -----	2	
		ATTACHING PARTS		
- 12	AN520-10R6	SCREW -----	4	
		-----*		
- 13	VCA-9	CONVERTER-INDICATOR USED ONLY WHEN GLIDE SLOPE -----	1	
		IS INSTALLED WITH A 360 CHANNEL MARK 12. NARO		
		ATTACHING PARTS		
	AN515B6R10	SCREW -----	3	
		-----*		
- 14	VCA-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 VCA-8 OR VOA-9 INDICATOR -----	NP	
	K41116-1	PLUG - CONNECTS TO TRANSCEIVER NARO -----	1	
	MS3106A-20-27S	PLUG - CONNECTS TO VCA-8 OR VOA-9 -----	1	
	MS3057-12	CLAMP - CONNECTS TO VOA-8 OR VOA-9 -----	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		
2-1- 17	RG-58A/U 13B	CABLE ASSY - TRANSCEIVER TO BALUN STUB ----- COAXIAL CABLE - BULK ITEM -----	NP AR	
	UG-88C/U	PLUG - MOTOROLA TYPE - CONNECTS TO TRANSCEIVER ----- PLUG - COAXIAL - CONNECTS TO BALUN STUB -----	1 1	
- 18	RG-58A/U 13E	CABLE ASSY - TRANSCEIVER TO VHF ANTENNA ----- COAXIAL CABLE - BULK ITEM -----	NP AR	
	UG-913/U	PLUG - RCA PHONO TYPE ----- PLUG - COAXIAL - RIGHT ANGLE -----	1 1	
- 19	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
- 20	SEE FIG 3-2	OMNI ANTENNA INSTALLATION -----	1	
- 21	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 22	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
- 23	SEE FIG 4-4 SEE FIG 5-1 SEE FIG 5-2	HEADSET INSTALLATION ----- RADIO COOLING ----- RADIO NOISE FILTER -----	1 1 1	
- 24	SEE FIG 4-1	AUDIO TRANSMITTER & SELECTOR SWITCHES INSTALLATION -----	1	
- 25	S1360-10	CIRCUIT BREAKER -----	1	
- 26	S1880-3	RHEOSTAT -----	1	
- 27	S1753-7	KNCR - 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		

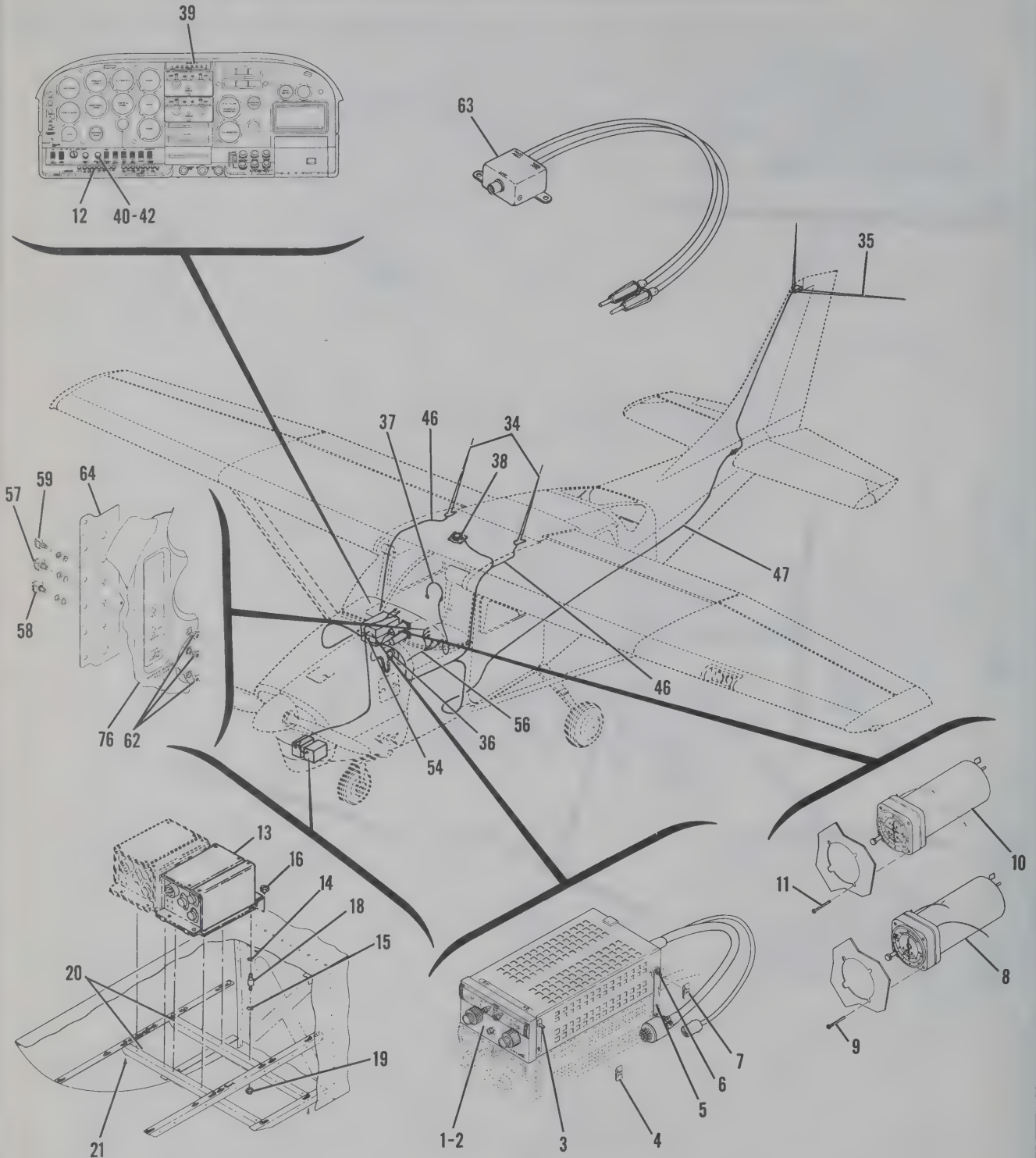
NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



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

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M Radio Installation (Sheet 1 of 4)

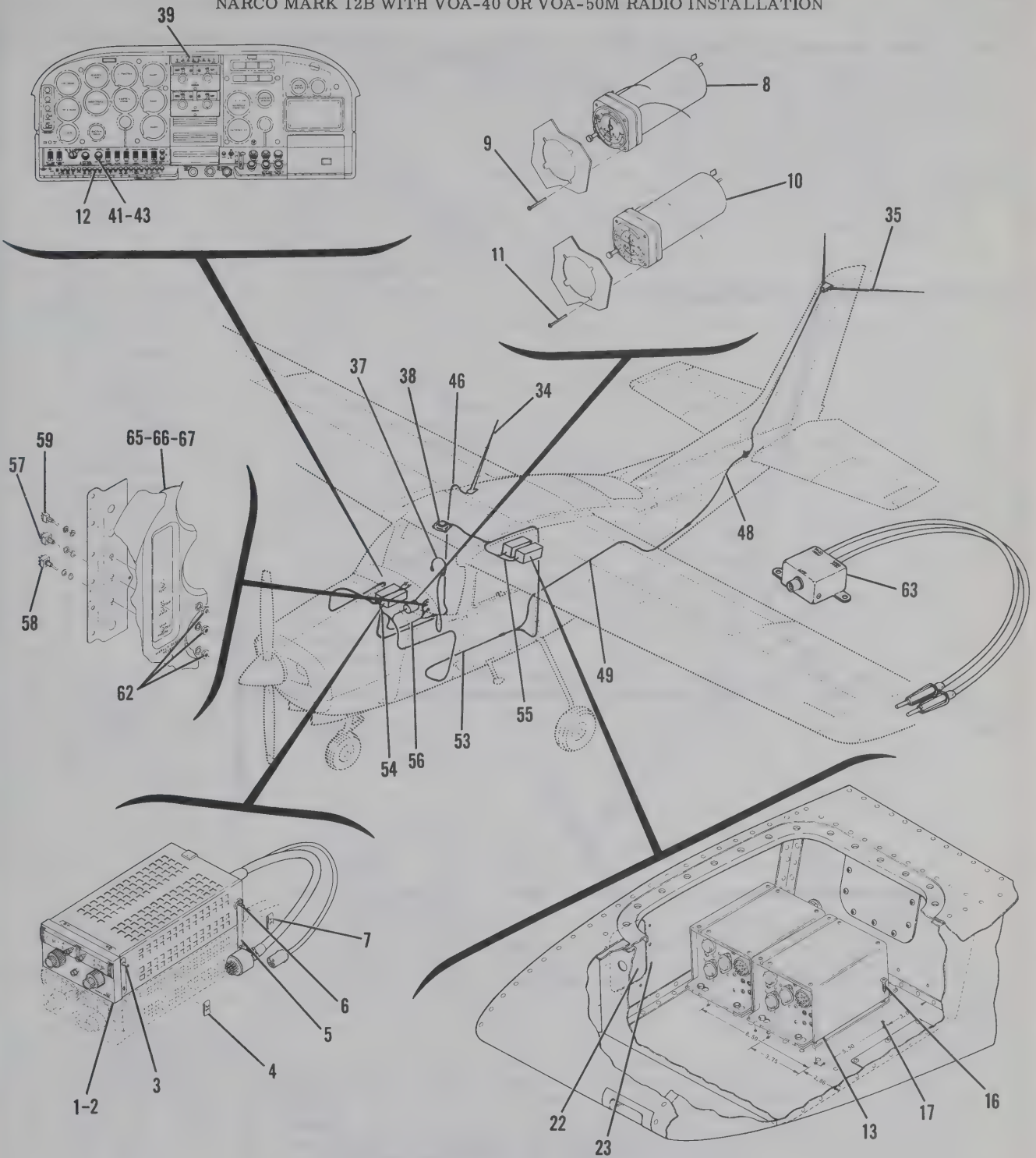
NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



**P206 SERIAL P20600604 & ON
TP206 SERIAL TP20600604 & ON**

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

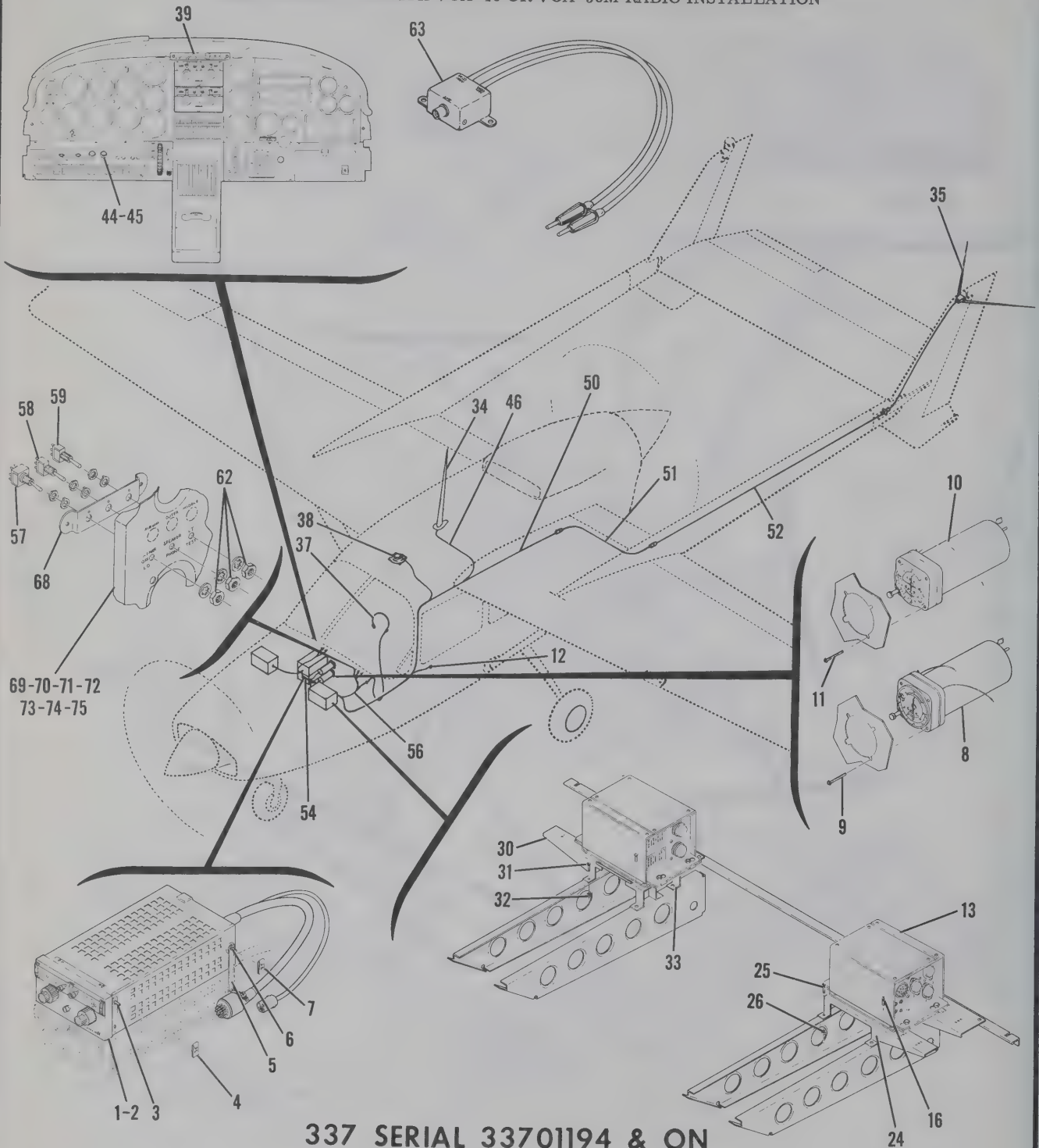
NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION



210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M Radio Installation (Sheet 3 of 4)

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



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

Figure 2-2. Narco Mark 12B with VOA-40 or VOA-50M 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		
2-2-		NARCO MARK 12B WITH VOA-40 OR VOA-50M RADIO INSTALLATION -----	NP	
- 1	MARK 12B	TRANSCEIVER-90 CHANNEL NARO -----	1	
- 2	MARK 12B	TRANSCEIVER-360 CHANNEL NARO -----	1	
		ATTACHING PARTS -----		
- 3	S1022Z6-6	SCREW -----	4	
- 4	NAS446-2-3	NUT -----	4	
		-----*		
- 5	1270465-2	SUPPORT STRAP -----	1	
		ATTACHING PARTS -----		
- 6	S1022Z6-6	SCREW -----	4	
- 7	NAS446-2-3	NUT -----	4	
		-----*		
- 8	VOA-40	INDICATOR NARO -----	AR	
		ATTACHING PARTS -----		
- 9	AN515-R6R10	SCREW -----	3	
		-----*		
- 10	VCA-50M	INDICATOR NARC -----	1	
		ATTACHING PARTS -----		
- 11	AN515-R6R10	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	S1648-08-75	RIVNUT 182 & 210 SERIES ONLY -----	4	
- 18	C411059-3	SHOCKMOUNT P206 SERIES ONLY -----	4	
- 19	AN340B8	NUT P206 SERIES -----	4	
		-----*		
- 20	1270627-56	ATTACH ANGLE P206 SERIES ONLY -----	2	
		ATTACHING PARTS -----		
- 21	AN520-10R6	SCREW -----	4	
		-----*		
- 22	1221248-2	PLATE REPLACED BY 1221248-3 WHEN SECOND RADIO IS -----	1	
		INSTALLED 210 SERIES ONLY -----		
		ATTACHING PARTS -----		
	1221253-2	SEAL -----	1	
- 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	
		-----*		
- 34	SEE FIG 3-1	VHF ANTENNA INSTALLATION -----	1	
- 35	SEE FIG 3-2	OMNI ANTENNA INSTALLATION -----	1	
- 36	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 37	SEE FIG 4-4	HEADSET INSTALLATION -----	1	
- 38	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
- 39	SEE FIG 4-1	TRANSMITTER SELECTOR SWITCH INSTALLATION -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
		CONTINUED ON NEXT PAGE		

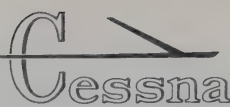


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-2- 40	S2C08-1	RHEOSTAT 182 & P206 SERIES ONLY -----	1	
- 41	S19C4-3	RHEOSTAT 210 SERIES ONLY -----	1	
- 42	S1995-1	KNOB-RHEOSTAT 182 & P206 SERIES ONLY -----	1	
- 43	S1980-1	KNOB-RHEOSTAT 210 SERIES ONLY -----	1	
- 44	157C164-1	SWITCH ASSY-RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
- 45	S1980-3	KNOB-RHEOSTAT 337 SERIES ONLY -----	1	
	C713278-11	COVER-INSTRUMENT PANEL 182 -----	1	
- 46	RG-58A/U	CABLE ASSY VHF ANT TO TRANSCEIVER -----	NP	
	UG-913/U	COAXIAL CABLE BULK ITEM -----	AR	
		CONNECTOR RIGHT ANGLE -----	1	
- 47		CABLE ASSY BALUN STUB TO TRANSCEIVER 182 & P206 SERIES ONLY -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	CONNECTOR CONNECTS TO BALUN STUB & TRANSCEIVER -----	2	
- 48	RG-58A/U	CABLE ASSY STA. 152.20 TO BALUN STUB 210 SERIES ONLY -----	NP	
	UG-88C/U	COAXIAL CABLE BULK ITEM -----	AR	
		CONNECTOR CONNECTS TO BALUN STUB AND OMNI CABLE AT STA. 152.20 -----	2	
- 49		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	
- 50		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	
- 51		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	
- 52		CABLE ASSY BOOM CONNECTION TO BALUN STUB 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 -----	1	
- 53		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	
- 54		MAIN CABLE ASSY -----	NP	
	K41271-1	PLUG 16 PIN CONNECTS TO TRANSCEIVER PIG TAIL AND POWER SUPPLY ONE REQD ON 210 SERIES NARO -----	2	
	K41182-2	CAP 16 PIN CONNECTS TO TRANSCEIVER PIGTAIL AND POWER SUPPLY ONE REQD ON 210 SERIES NARO -----	2	
	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 - SUPPLIED WITH INDICATOR NARO -----	1	
	S1640-6	SOCKET CONNECTS TO MKR BCN CABLE USED ONLY WHEN MKR BCN IS INSTALLED WITH VOA-50M -----	1	
	41291-101	CONNECTOR CONNECTS TO UGR-2 GLIDE SLOPE USED ONLY WHEN GLIDE SLOPE IS INSTALLED WITH VOA-50M NARO -----	1	
	41247-102	CONNECTOR CONNECTS TO TRANSCEIVER PIG TAIL USED ONLY WHEN GLIDE SLOPE IS INSTALLED -----	1	
	S1961-2-4	HOUSING CAP CONNECTS TO WING ROOT CONNECTOR ----- 210 SERIES ONLY -----	1	
	S1960-2-0	HOUSING CAP CONNECTS TO WING ROOT CONNECTOR ----- 210 SERIES ONLY -----	1	

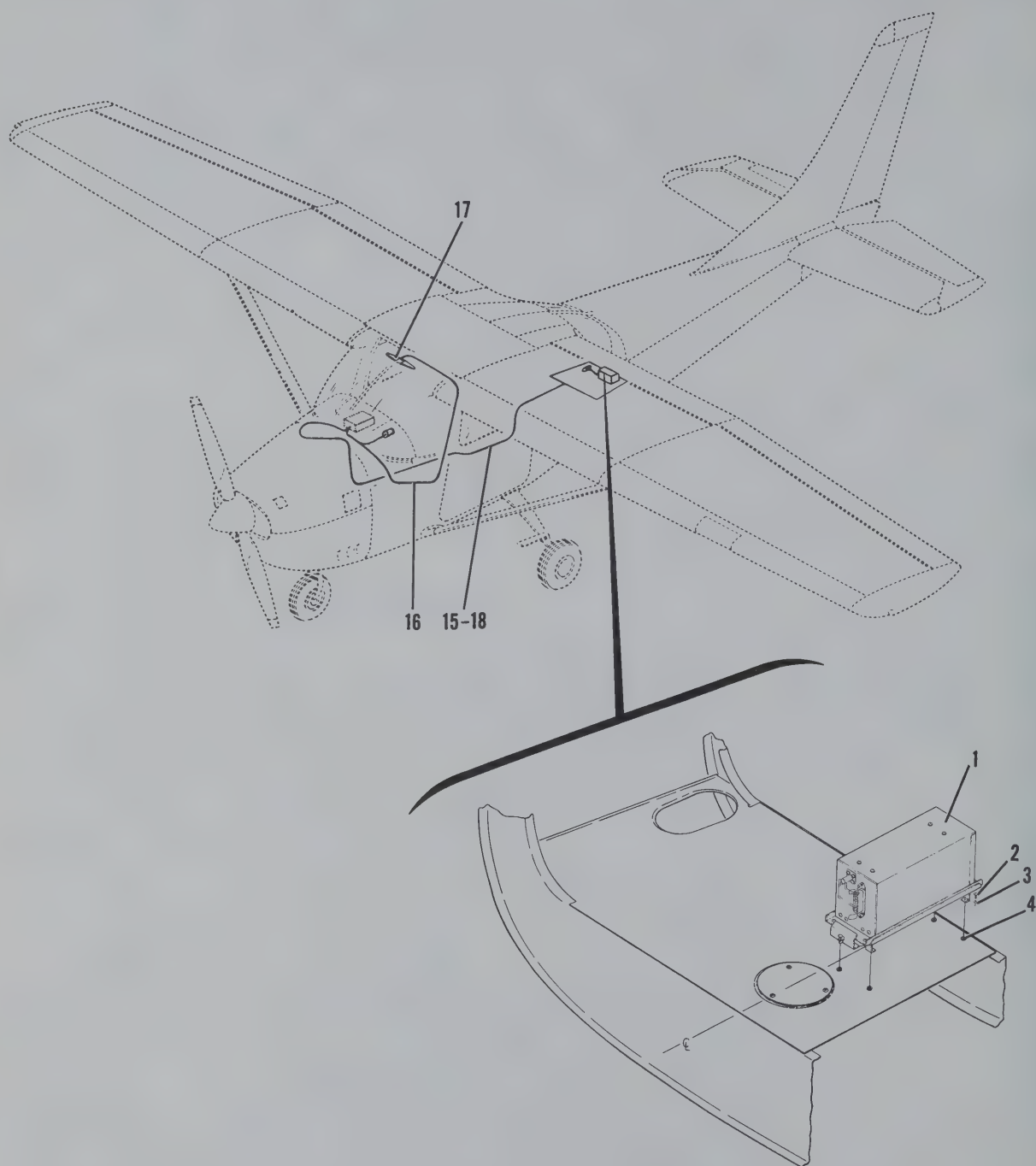
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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-2- 55	S1961-1-4	CABLE ASSY WING ROOT TO POWER SUPPLY 210 SERIES ONLY	NP	
	S1960-1-0	HOUSING-PLUG CONNECTS TO WING ROOT CONNECTOR -----	1	
	K41271-1	HOUSING-PLUG CONNECTS TO WING ROOT CONNECTOR -----	1	
	K41182-2	PLUG 16 PIN CONNECTS TO POWER SUPPLY -----	1	
- 56		CAP 16 PIN CONNECTS TO POWER SUPPLY -----	1	
		CABLE ASSY MKR BCN RCVR TO AUDIO JUNCTION BOX SWITCHES --	NP	
	28371-C009	AND INDICATOR		
	S1838-3	CONNECTOR CONNECTS TO MKR BCN RCVR NARO -----	1	
	S1838-1	HOUSING CONNECTS TO P3 ON AUDIO JUNCTION BOX -----	1	
- 57	S1696-2	HOUSING CONNECTS TO P2 ON AUDIO JUNCTION BOX -----	1	
- 58	S1695-1	SWITCH -----	1	
- 59	S1696-4	SWITCH -----	1	
	VAL3-12	SWITCH -----	1	
	F4	RESISTOR -----	1	
	S1641-6	DIODE -----	3	
- 60	C713941-3	SOCKET CONNECTS TO VOA-50M INDICATOR -----	1	
- 61	C713278-11	SUPPORT ASSY 182 ONLY -----	1	
		COVER REPLACES 0713278-7 COVER WHEN MK-12B WITH VOA-50M -	1	
		IS INSTALLED 182 ONLY		
- 62	S1216-3	NUT-DECORATIVE -----	2	
- 63	AV-10CNA	COUPLER-OMNI ANTENNA USED ONLY ON DUAL NARCO MARK 12B ---	AR	
		RADIO INSTALLATIONS ASC		
- 64	1213169-7	SUPPORT ASSY P206 SERIES & 210 SERIES ONLY -----	1	
- 65	1213096-21	COVER REPLACES 1213096-9 210 SERIES ONLY -----	AR	
- 66	1213096-23	COVER REPLACES 1213096-10 210 SERIES ONLY -----	AR	
- 67	1213096-24	COVER REPLACES 1213096-14 210 SERIES ONLY -----	AR	
- 68	1570226	BRACKET 337 SERIES ONLY -----	1	
- 69	1513684-6	COVER REPLACES 1513684-5 COVER ON STD ACFT 337 -----	AR	
		SERIES ONLY		
- 70	1513684-7	COVER REPLACES 1513684-5 COVER ON ACFT WITH POST LTS ----	AR	
		337 SERIES ONLY		
- 71	1513684-9	COVER REPLACES 1513684-5 COVER ON T337 ACFT WITH POST ---	AR	
		LTS 337 SERIES ONLY		
- 72	1513684-9	COVER REPLACES 1513684-5 COVER ON STD ACFT W/OIL -----	AR	
		DILUTION 337 SERIES ONLY		
- 73	1513684-10	COVER REPLACES 1513684-5 COVER FOR T337 W/OIL -----	AR	
		DILUTION 337 SERIES ONLY		
- 74	1513684-11	COVER REPLACES 1513684-5 COVER ON STD ACFT WITH POST ----	AR	
		LTS & OIL DIL 337 SERIES ONLY		
- 75	1513684-12	COVER REPLACES 1513684-5 COVER ON T337 WITH POST LTS ----	AR	
		& OIL DIL 337 SERIES ONLY		
- 76	1213096-15	COVER REPLACES 1213096-6 P206 SERIES ONLY -----	AR	

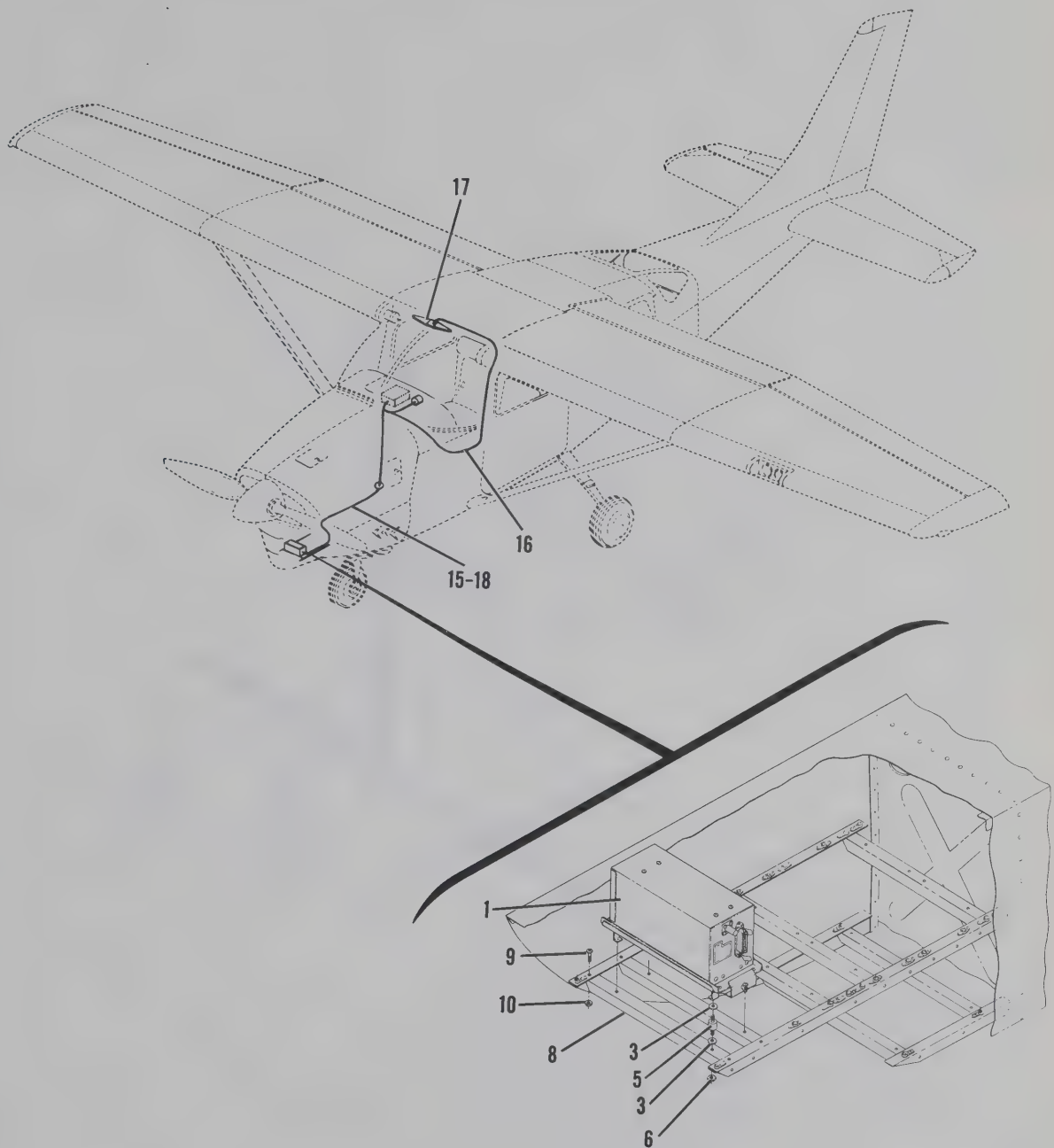
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



182 SERIAL 18259306 & ON

Figure 2-3. Narco (UGR-2) Glide Slope Receiver Installation (Sheet 1 of 4)

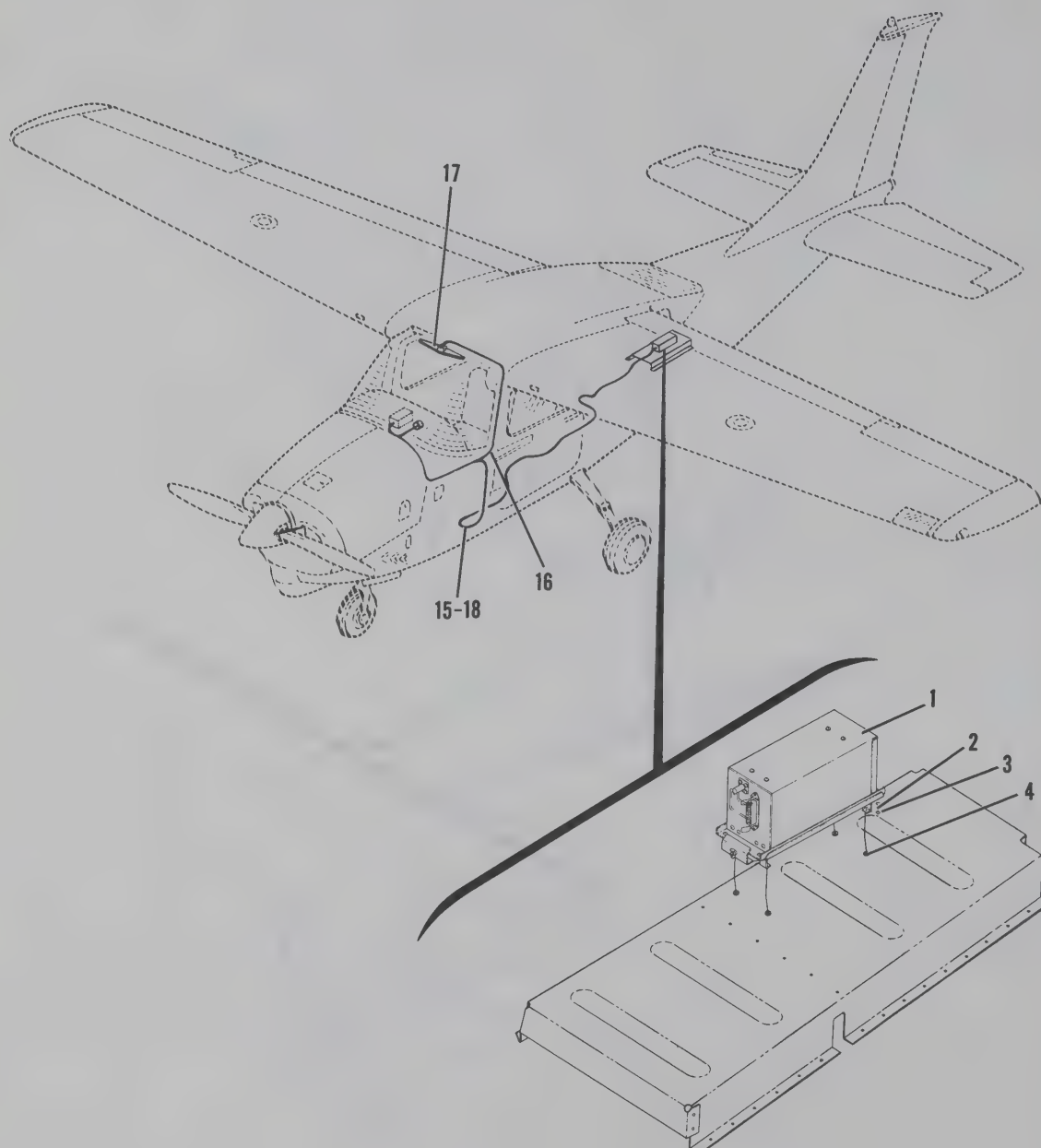
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON

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

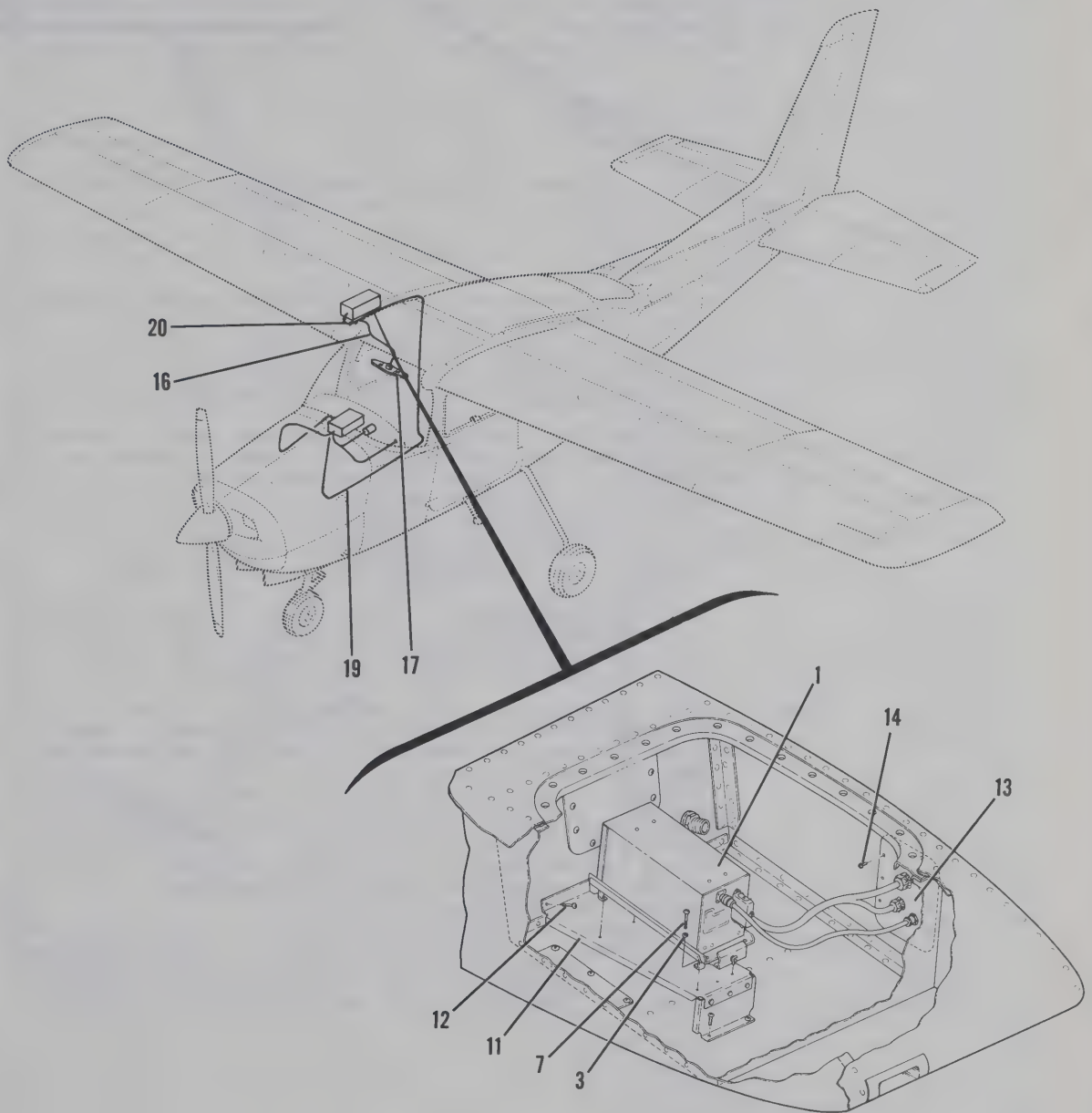
NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



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

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

NARCO UGR-2 GLIDE SLOPE RECEIVER INSTALLATION



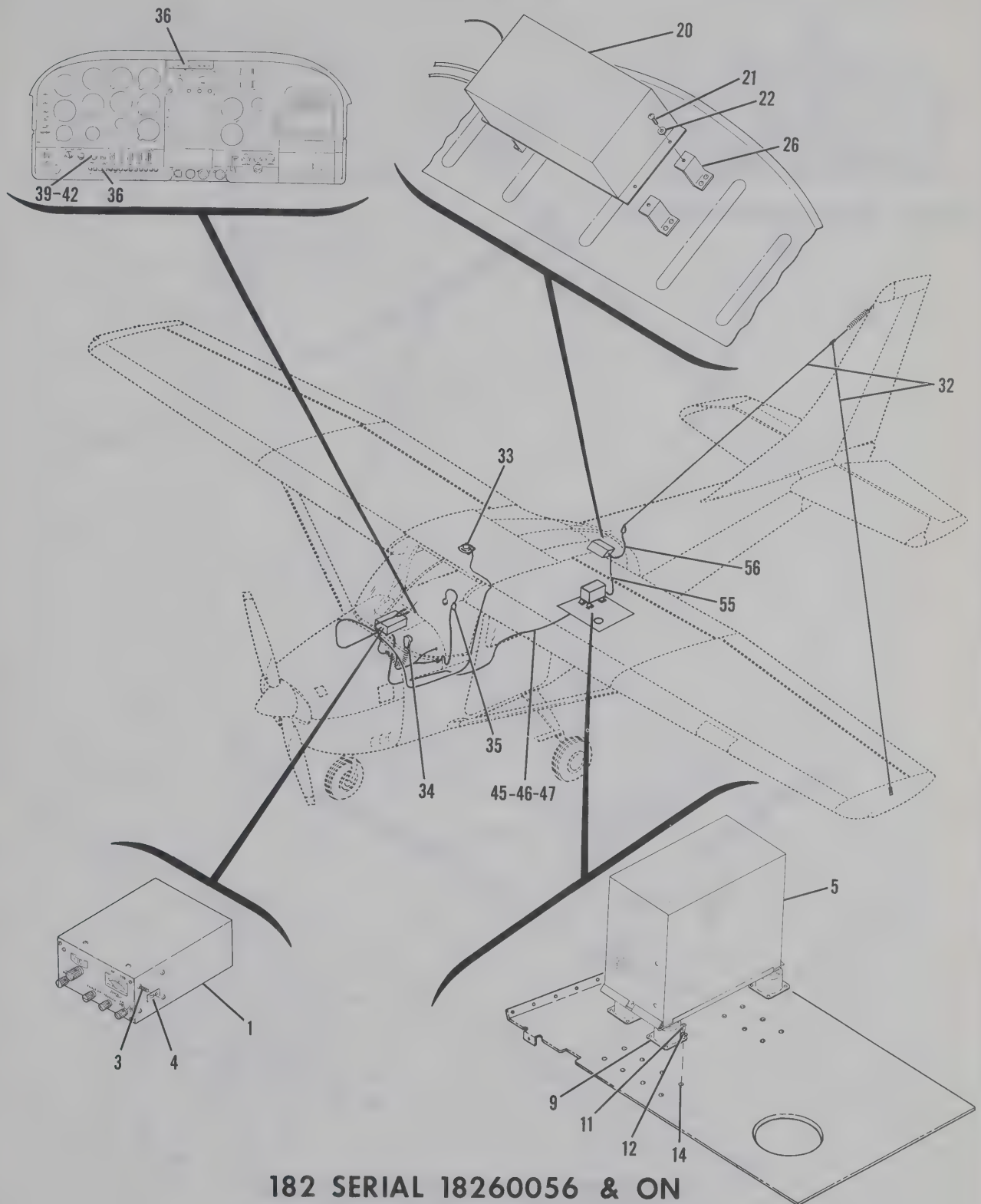
**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

Figure 2-3. Narco (UGR-2) Glide Slope Receiver 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		
2-3-		NARCO UGR-2 GLIDE SLOPE RADIO INSTALLATION ALL MODELS -----	NP	
		EXCEPT 337 SERIES		
- 1	UGR-2	RECEIVER - 20 CHANNEL NARO -----	1	
		ATTACHING PARTS		
- 2	AN515-8R16	SCREW ALL 182 MODELS & 1969 210 SERIES ONLY -----	4	
- 3	AN936A8	WASHER -----	4	
- 4	S1648-08-75	NUT ALL 182 MODELS & 1969 210 SERIES ONLY -----	4	
- 5	C411059-3	SHOCKMOUNT P206 SERIES ONLY -----	4	
- 6	AN34008	NUT P206 SERIES ONLY -----	8	
- 7	AN515-6R6	SCREW 1970 & ON 210 SERIES ONLY -----	4	
		-----*		
- 8	1270627-56	ATTACH ANGLE -----	2	
		ATTACHING PARTS		
- 9	AN520-10R6	SCREW -----	4	
- 10	NAS679A3	NUT -----	4	
		-----*		
- 11	1270703-1	RADIO SUPPORT ASSY 1970 & ON 210 SERIES ONLY -----	1	
		ATTACHING PARTS		
- 12	AN515-8R8	SCREW -----	4	
		-----*		
- 13	1221248-5	PLATE REPLACED BY 1221248-9 WHEN 300 HF IS INSTALLED -----	1	
		WITH NARCO UGR-2 1970 & ON 210 SERIES ONLY		
		ATTACHING PARTS		
	1221253-2	SEAL -----	1	
- 14	AN515-8R6	SCREW -----	10	
		-----*		
- 15		CABLE ASSY UGR-2 RCVR TO MARK 12A RCVR AND VOA-9 INDICATOR	NP	
		USED ON 1969 MODELS ONLY		
	41291-101	CONNECTOR-24 PIN-CONNECTS TO UGR-2 RCVR NARO -----	1	
	470 OHM 1/4w	RESISTOR-CONNECTS TO PINS 14 & 18 ON UGR-2 RCVR -----	1	
	1000 OHM 1/4w	RESISTOR-CONNECTS TO PINS 19 & 23 ON UGR-2 RCVR -----	1	
	41247-102	CONNECTOR-CONNECTS TO MK12A PIG TAIL CONNECTOR MRA-14S -----	1	
		NARO		
	41223-2	PLUG-CONNECTS TO VOA-9 INDICATOR NARO -----	1	
	41228-6	CLAMP-CONNECTS TO VOA-9 INDICATOR NARO -----	1	
- 16		CABLE ASSY UGR-2 RCVR TO GLIDE SLOPE ANTENNA -----	NP	
	RG-58A/U	COAXIAL CABLE-BULK ITEM -----	AR	
	UG-88C/L	PLUG-CONNECTS TO UGR-2 RCVR -----	1	
- 17	SEE FIG 3-3	GLIDE SLOPE ANTENNA INSTALLATION -----	1	
- 18		CABLE ASSY UGR-2 RCVR TO MARK 12B RCVR AND VOA-50 -----	NP	
		INDICATOR ALL MODELS 1970 & ON EXCEPT 1970 & ON		
		210 SERIES		
	41291-101	CONNECTOR-24 PIN-CONNECTS TO UGR-2 RCVR NARO -----	1	
	470 OHM 1/4w	RESISTOR-CONNECTS TO PINS 14 & 18 ON UGR-2 RCVR -----	1	
	1000 OHM 1/4w	RESISTOR-CONNECTS TO PINS 19 & 23 ON UGR-2 RCVR -----	1	
	41247-102	CONNECTOR-CONNECTS TO MK12B PIG TAIL CONNECTOR MRA-14S -----	1	
		NARO		
	K41116-1	CONNECTOR-CONNECTS TO PIN #2 ON MK12B RCVR NARO -----	1	
	1773-100	CONNECTOR KIT ASSY-CONNECTS TO VOA-50 INDICATOR NARO --	1	
- 19		CABLE ASSY WING ROOT CONNECTORS TO MARK 12B AND VOA-50 IND	NP	
		1970 & ON 210 SERIES ONLY		
	41247-102	CONNECTOR CONNECTS TO MARK 12B PIG TAIL -----	1	
	K41116-1	CONNECTOR CONNECTS TO PIN #2 ON MARK 12B TRANSCEIVER --	1	
	1773-100	CONNECTOR KIT ASSY CONNECTS TO VOA-50 INDICATOR -----	NP	
	S1962-2-2	HOUSING CAP CONNECTS TO WING ROOT 15 PIN -----	1	
	S1960-2-2	HOUSING CAP CONNECTS TO WING ROOT 7 PIN -----	1	
- 20		CABLE ASSY UGR-2 RCVR TO WING ROOT CONNECTORS -----	NP	
		1970 & ON 210 SERIES ONLY		
	S1962-1-2	HOUSING PLUG CONNECTS TO WING ROOT 15 PIN -----	1	
	S1960-1-2	HOUSING PLUG CONNECTS TO WING ROOT 7 PIN -----	1	
	41291-101	CONNECTOR CONNECTS TO UGR-2 RCVR -----	1	
	470 OHM 1/4w	RESISTOR CONNECTS TO PINS 14 & 18 -----	1	
	1000 OHM 1/4w	RESISTOR CONNECTS TO PINS 19 & 23 -----	1	

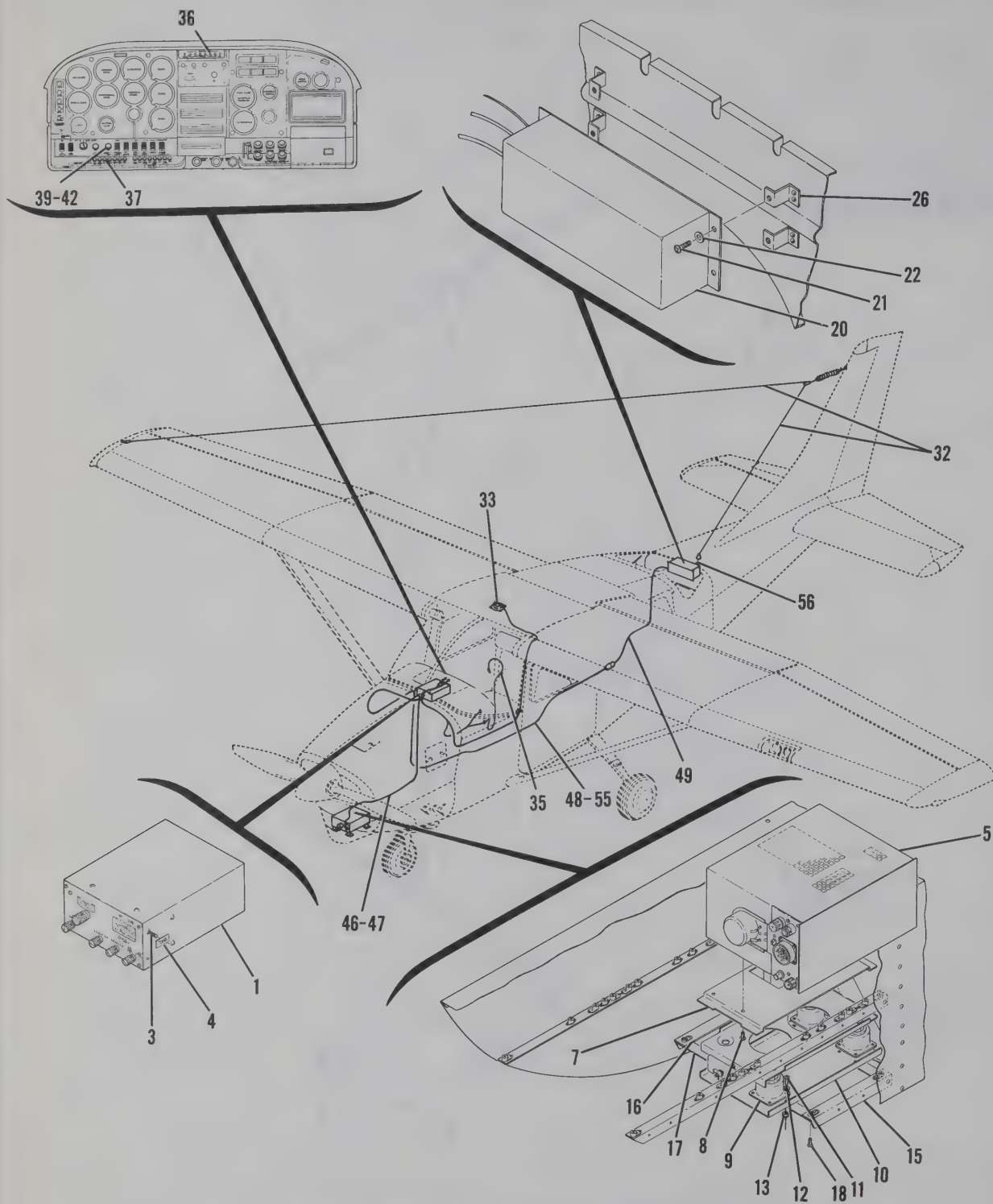
SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION



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

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

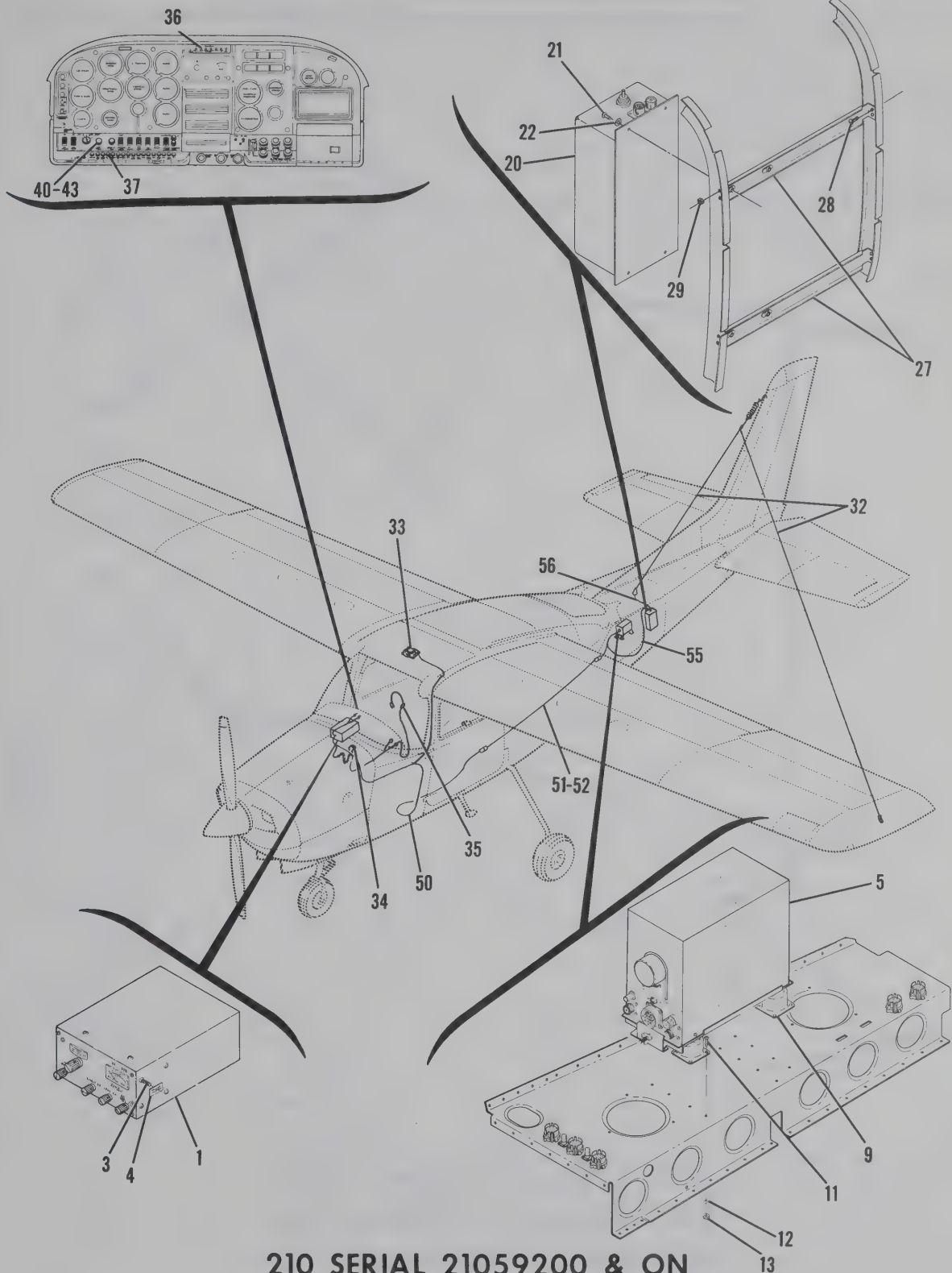
SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION



P206 SERIAL P20600604 & ON
TP206 SERIAL TP20600604 & ON

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

SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION



**210 SERIAL 21059200 & ON
T210 SERIAL 21059200 & ON**

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

SUNAIR SINGLE SIDE-BAND RADIO INSTALLATION

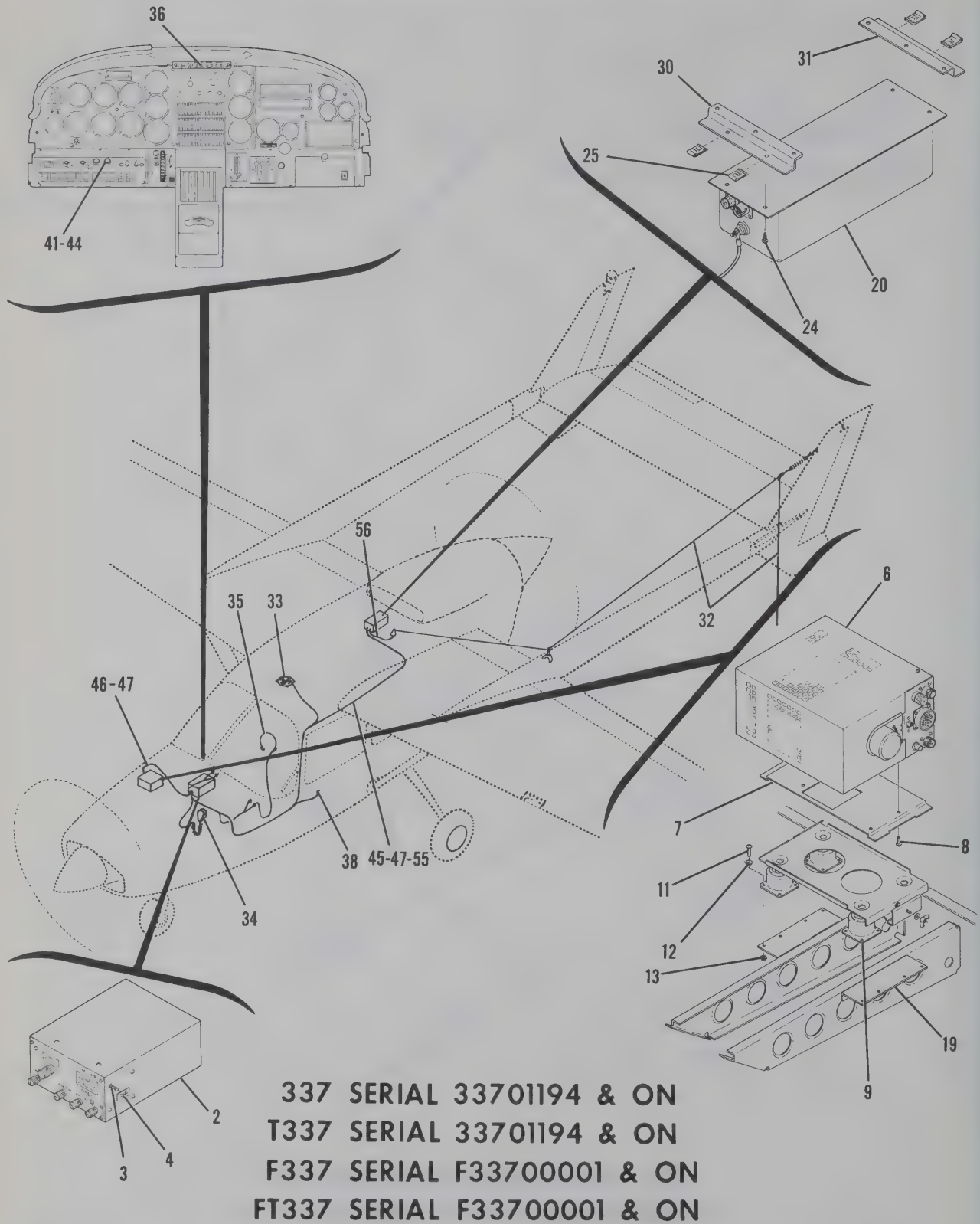


Figure 2-4. Sunair Single Side-Band (Type ASB-125) Radio Installation (Sheet 4 of 4)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
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	1C179	SIDE MOUNTING PLATE SUNA P206 & 337 SERIES ONLY -----	1	
- 8	AN515-8R6	SCREW P206 SERIES & 337 SERIES ONLY -----	4	
	NAS679A08	NUT P206 SERIAL & 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 182 -----	8	
- 14	S1648-08-75	RIVNUT 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 ALL MODELS EXCEPT 337 SERIES -----	4	
- 22	AN960-8L	WASHER ALL MODELS EXCEPT 337 SERIES -----	4	
- 23	AN515-6R7	NUT ALL MODELS EXCEPT 337 SERIES -----	4	
- 24	S1021Z6-4	SCREW 337 SERIES ONLY -----	4	
- 25	NAS395-6-3	NUT 337 SERIES ONLY -----	4	
		-----*		
- 26	1212015-1	SUPPORT ASSY 182 & P206 SERIES ONLY -----	4	
- 27	1270690-2	BRACKET ASSY 210 SERIES ONLY -----	2	
		ATTACHING PARTS		
- 28	AN515-6R7	SCREW -----	8	
- 29	NAS679-A06	NUT -----	8	
		-----*		
- 30	1570233-1	SUPPORT ANGLE FWD USED ON 337 SERIES ONLY -----	1	
- 31	1570233-2	SUPPORT ANGLE AFT USED ON 337 SERIES ONLY -----	1	
- 32	SEE FIG 3-5	MEDIUM AND HIGH FREQUENCY ANT INSTALLATION -----	1	
- 33	SEE FIG 4-2	SPEAKER INSTALLATION -----	1	
- 34	SEE FIG 4-3	MICROPHONE INSTALLATION -----	1	
- 35	SEE FIG 4-4	HEADSET INSTALLATION -----	1	
- 36	SEE FIG 4-1	TRANSMITTER & AUDIO SELECTOR SWITCH INSTALLATION -----	1	
	SEE FIG 5-2	RADIO NOISE FILTER INSTALLATION -----	1	
- 37	S1360-20	CIRCUIT BREAKER 14 VOLT SYSTEM ONLY -----	1	
	S1360-5	CIRCUIT BREAKER USED ONLY ON SECOND 14 VOLT RADIO -----	1	
		IS INSTALLED		
- 38	S1360-10	CIRCUIT BREAKER 28 VOLT SYSTEM ONLY -----	1	
- 39	S2008-1	RHEOSTAT 182 & P206 SERIES ONLY -----	1	
- 40	S1904-3	RHEOSTAT 210 SERIES ONLY -----	1	
- 41	1570164-1	SWITCH ASSY-RADIO LIGHT DIMMING 337 SERIES ONLY -----	1	
	9341GL	RHEOSTAT CPH -----	1	
	S1832-1	SWITCH -----	1	
- 42	S1995-1	KNOB-RHEOSTAT 182 & P206 SERIES ONLY -----	1	
- 43	S1980-1	KNOB-RHEOSTAT 210 SERIES ONLY -----	1	
- 44	S1980-3	KNOB-RHEOSTAT 337 SERIES ONLY -----	1	
- 45		CABLE ASSY-MAIN CONTROL UNIT TO ANT LOAD BOX POWER -----	NP	
	74996	SUPPLY & AUDIO JUNCTION BOX 182 & 337 SERIES ONLY -----	1	
	74362	PLUG CONNECTS TO CONTROL UNIT SUNA -----	1	
	74726	PLUG CONNECTS TO ANT LOAD BOX SUNA -----	1	
	S1838-2	PLUG CONNECTS TO POWER SUPPLY SUNA -----	1	
		HOUSING CONNECTS TO P1 ON AUDIO JUNCTION BOX S1838-1 -----	1	
		REPLACES S1838-2 ON SECOND RADIO INSTALLATION		
CONTINUED ON NEXT PAGE				

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-4- 46		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	
- 47		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	
- 48		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 S1838-1	1	
		REPLACES S1838-2 ON SECOND RADIO INSTALLATION		
- 49		CABLE ASSY CONNECTS TO MAIN CABLE ASSY CABLE AND TO ANT -	NP	
		LOAD BOX P206 SERIES ONLY		
	S1960-2-0	HOUSING CAP CONNECTS TO MAIN CABLE ASSY CABLE -----	1	
	74362	CONNECTOR CONNECTS TO ANT. LOAD BOX -----	1	
- 50		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 S1838-1	1	
		REPLACES S1838-2 ON SECOND RADIO INSTALLATION		
- 51		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	
- 52		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	
- 53		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	
- 54		CABLE ASSY POWER SUPPLY CABLE AT STA. 152.20 TO -----	NP	
		POWER SUPPLY 210 SERIES ONLY		
	S1962-1-4	HOUSING PLUG 15 PIN CONNECTS TO STA. 152.20 -----	1	
	74726	PLUG CONNECTS TO POWER SUPPLY SUNA -----	1	
- 55		CABLE ASSY POWER SUPPLY TO ANT LOAD BOX -----	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	PL 259	PLUG ATTACHES TO POWER SUPPLY AND ANT LOAD BOX -----	2	
- 56		CABLE ASSY ANTENNA LOAD BOX TO FEED-THRU INSULATOR ON ---	NP	
		SKIN		
	8899	WIRE BULK ITEM BDN -----	AR	
	S1367-1-10	TERMINAL ATTACHES TO ANT COUPLER & INSULATOR -----	2	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
2-4- 46		CABLE ASSY CONTROL UNIT TO POWER SUPPLY ALL MODELS -- EXCEPT 210 SERIES	NP	
	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	
- 47		CABLE ASSY CONTROL UNIT TO POWER SUPPLY ALL MODELS -- EXCEPT 210 SERIES	NP	
	RG-58A/U	COAXIAL CABLE BULK ITEM -----	AR	
	UG-88C/U	PLUG PINS J9 & J3 -----	2	
- 48		CABLE ASSY-MAIN CONTROL UNIT TO ANT LOAD BOX CABLE ----- POWER SUPPLY & AUDIO JUNCTION BOX 206 SERIES ONLY	NP	
	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 S1838-1 REPLACES S1838-2 ON SECOND RADIO INSTALLATION	1	
- 49		CABLE ASSY CONNECTS TO MAIN CABLE ASSY CABLE AND TO ANT - LOAD BOX P206 SERIES ONLY	NP	
	S1960-2-0	HOUSING CAP CONNECTS TO MAIN CABLE ASSY CABLE -----	1	
	74362	CONNECTOR CONNECTS TO ANT. LOAD BOX -----	1	
- 50		CABLE ASSY-MAIN CONTROL UNIT TO ANT LOAD BOX ----- CABLE AT STA. 55.62 POWER SUPPLY CABLE AT STA. 55.62 & AUDIO JUNCTION BOX 210 SERIES ONLY	NP	
	74996	PLUG CONNECTS TO CONTROL UNIT SUNA -----	1	
	S1962-1-2	HOUSING PLUG 15 PIN CONNECTS TO ANT LOAD BOX -----	1	
	S1962-1-0	CABLE AT STA. 55.62 HOUSING PLUG 15 PIN CONNECTS TO POWER SUPPLY -----	1	
	S1838-2	CABLE AT STA. 55.62 HOUSING CONNECTS TO P1 ON AUDIO JUNCTION BOX S1838-1 REPLACES S1838-2 ON SECOND RADIO INSTALLATION	1	
- 51		CABLE ASSY CONNECTS TO MAIN CABLE ASSY AT STA. 55.62 ---- AND ANT LOAD BOX CABLE AT STA. 152.20 210 SERIES ONLY	NP	
	S1962-2-2	HOUSING CAP 15 PIN -----	2	
- 52		CABLE ASSY CONNECTS TO MAIN CABLE ASSY AT STA. 55.62 ---- AND CONNECTS TO POWER SUPPLY CABLE AT STA. 152.20 210 SERIES ONLY	NP	
	S1962-2-4	HOUSING CAP 15 PIN -----	2	
- 53		CABLE ASSY ANT LOAD BOX CABLE AT STA. 152.20 TO ----- ANT LOAD BOX 210 SERIES ONLY	NP	
	S1962-1-2	HOUSING PLUG 15 PIN CONNECTS TO STA. 152.20 -----	1	
	74362	PLUG CONNECTS TO ANT LOAD BOX SUNA -----	1	
- 54		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	
- 55		CABLE ASSY POWER SUPPLY TO ANT LOAD BOX ----- COAXIAL CABLE BULK ITEM -----	NP	
	RG-58A/U	PLUG ATTACHES TO POWER SUPPLY AND ANT LOAD BOX -----	AR	
	PL 259	CABLE ASSY ANTENNA LOAD BOX TO FEED-THRU INSULATOR ON --- SKIN	2	
- 56		WIRE BULK ITEM BDN -----	NP	
	8899	TERMINAL ATTACHES TO ANT COUPLER & INSULATOR -----	AR	
	S1367-1-10		2	

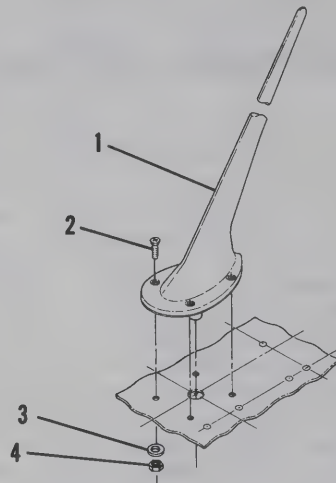
SECTION III

ANTENNA SYSTEMS

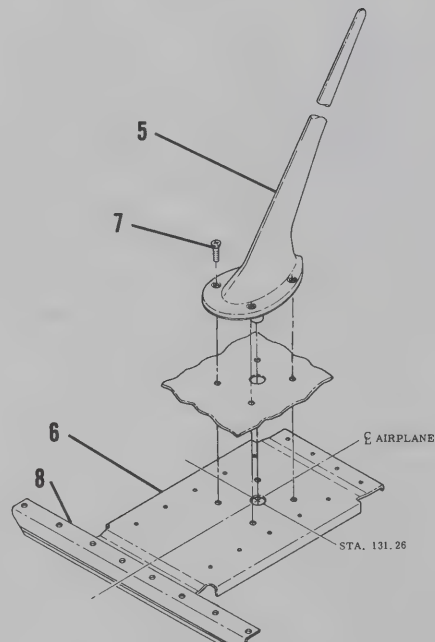
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VHF ANTENNA INSTALLATIONS



INSTALLATION A
ALL MODELS EXCEPT 337

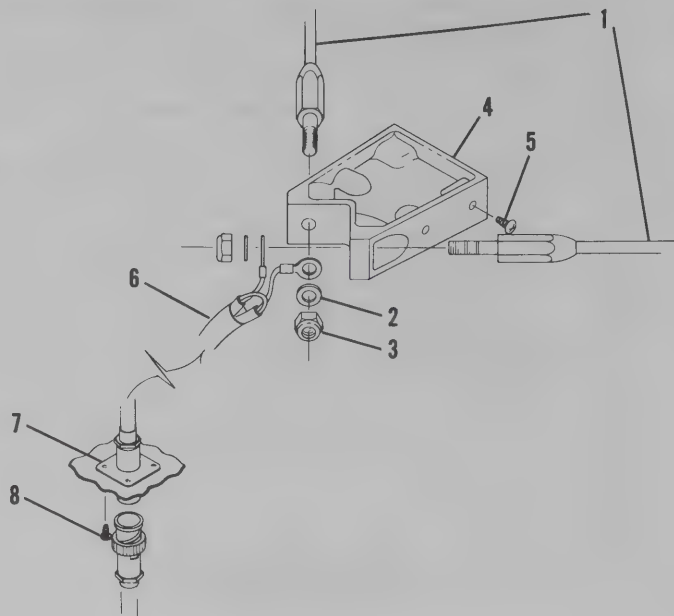


INSTALLATION B
MODEL 337 STANDARD LOCATION

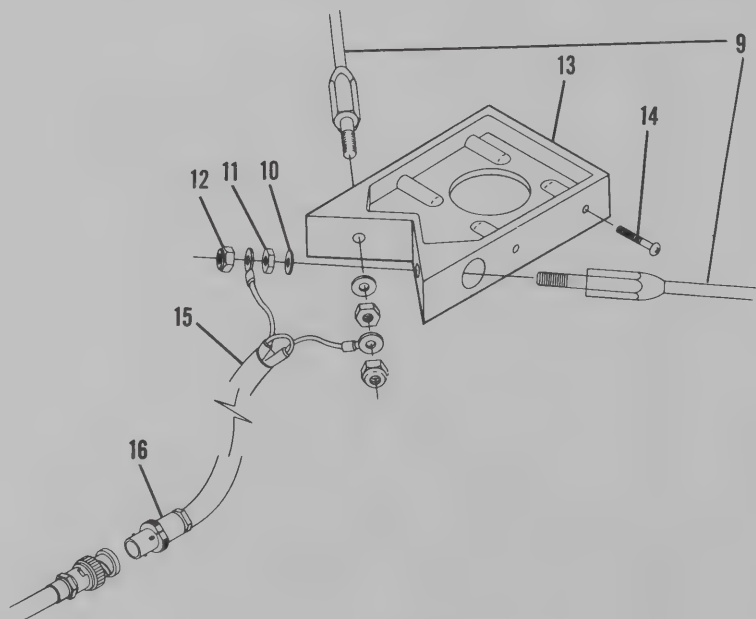
Figure 3-1. VHF Antenna Installations

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	C598501-0102	VHF ANTENNA INSTALLATION A ALL MODELS EXCEPT 337 & T337 -	NP	
- 2	AN520-8R9	VHF ANTENNA ASSEMBLY -----	1	
- 3	AN936A8	ATTACHING PARTS -----		
- 4	NAS679A08	SCREW -----	4	
		WASHER -----	4	
		NUT -----	4	
		-----*-----		
- 5	C598501-0102	VHF ANTENNA INSTALLATION B 337 & T337 STANDARD LOCATION -	NP	
- 6	1511099-3	VHF ANTENNA ASSEMBLY -----	1	
	1511099-2	ATTACHING PARTS -----		
	157C193-1	DOUBLER ASSY -----	1	
	157C193-2	DOUBLER -----	1	
	NAS686A08	REINFORCEMENT L.H. -----	1	
- 7	AN5C9-8R9	REINFORCEMENT R.H. -----	1	
- 8	1470114-3	NUTPLATE -----	4	
		SCREW -----	4	
		STIFFENER -----	1	
		-----*-----		

OMNI ANTENNA INSTALLATION



INSTALLATION A - ALL 182, P206 SERIES, & 210 SERIES ONLY



INSTALLATION B - MODEL 337 ONLY

Figure 3-2. Omni Antenna Installation

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 -----	NP	
		OMNI - ANTENNA INSTALLATION A 182, P206 SERIES -----	NP	
		AND 210 SERIES ONLY		
- 1	127C012-1	ROD - ANTENNA STRAIGHT -----	2	
		ATTACHING PARTS		
- 2	AN960-10L	WASHER -----	2	
- 3	NAS679A3	NUT -----	2	
		---*---		
- 4	057C026-1	BLOCK - MOUNTING -----	1	
		ATTACHING PARTS		
- 5	S1021Z8-8	SCREW -----	4	
		---*---		
- 6	127C013-1	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	
- 9	127C012-1	ROD - ANTENNA STRAIGHT -----	2	
		ATTACHING PARTS		
- 10	AN960-10	WASHER -----	2	
- 11	AN345-10	NUT -----	2	
- 12	NAS679A3	NUT -----	2	
		---*---		
- 13	147C060-1	BLOCK - MOUNTING -----	1	
		ATTACHING PARTS		
- 14	S1021Z8-8	SCREW -----	4	
		---*---		
- 15	127C013-1	BALUN STUB ASSY -----	1	
- 16	UG-89/U	PLUG - COAXIAL -----	1	

GLIDE SLOPE ANTENNA INSTALLATION

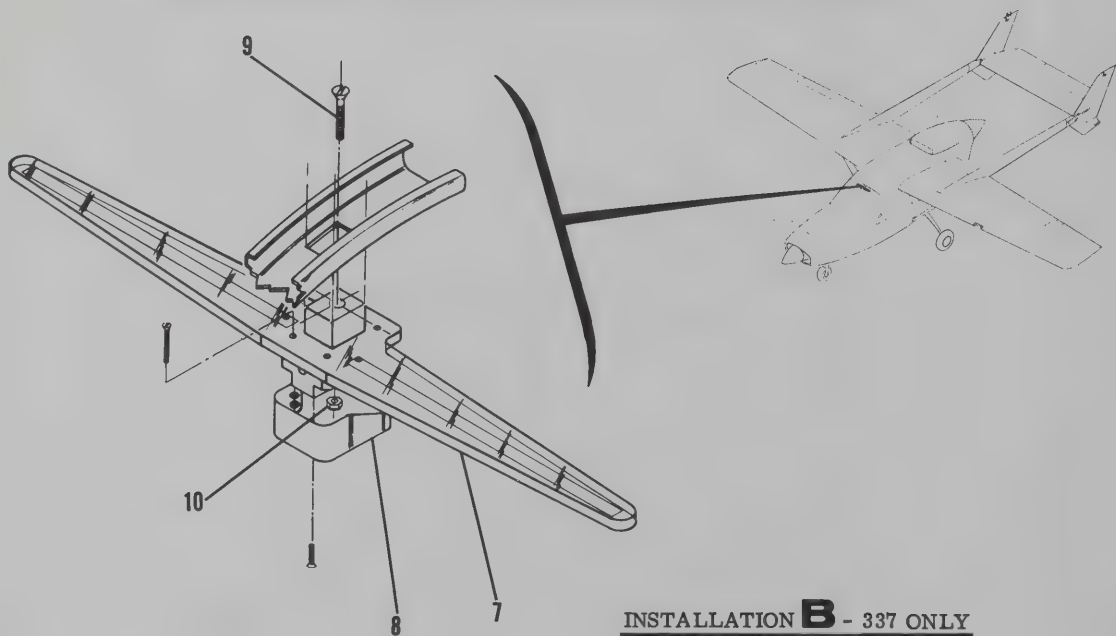
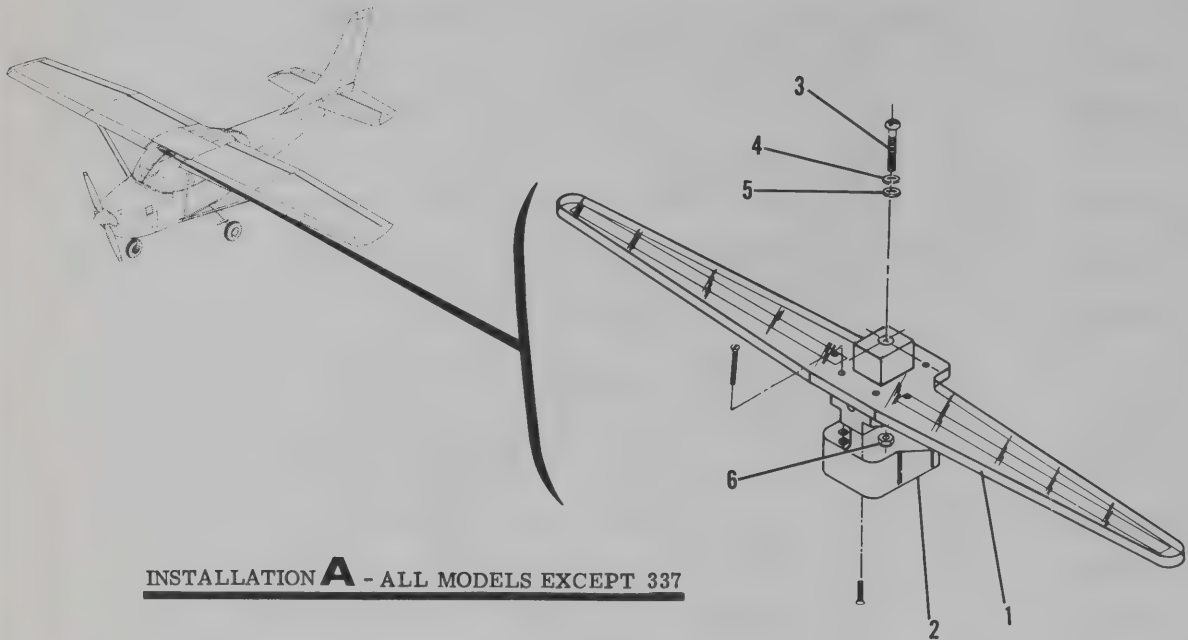
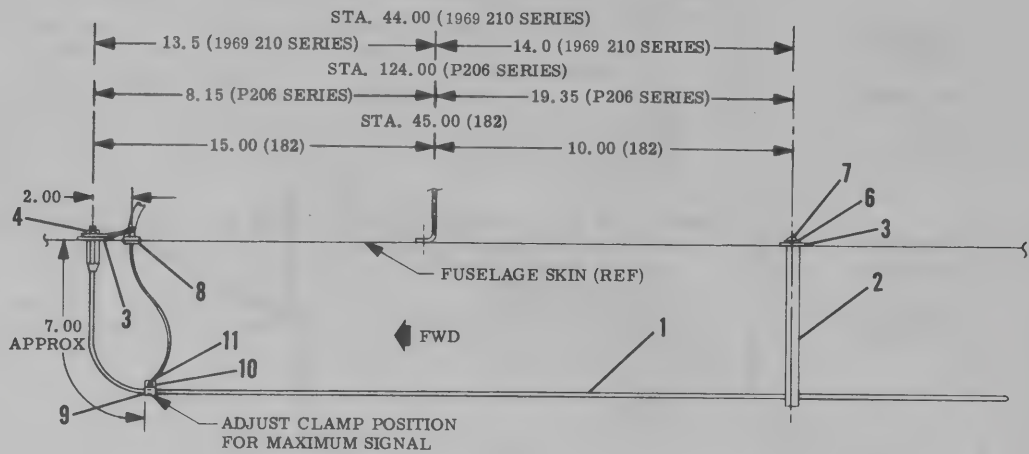


Figure 3-3. Glide Slope Antenna Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-3-		UHF GLIDE SLOPE ANTENNA INSTALLATIONS -----	NP	
		UHF GLIDE SLOPE ANTENNA INSTALLATION A ALL MODELS -----	NP	
		EXCEPT 337 & T337		
- 1	1200098-1	GLIDE SLOPE ANTENNA ASSEMBLY -----	1	
- 2	1200096-1	COVER -----	1	
		ATTACHING PARTS		
- 3	NAS221-22	SCREW 182, P206 SERIES & 210 SERIES ONLY -----	1	
- 4	AN960-10L	WASHER -----	1	
- 5	S350	WASHER -----	1	
- 6	NAS679A3	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	
		---*---		

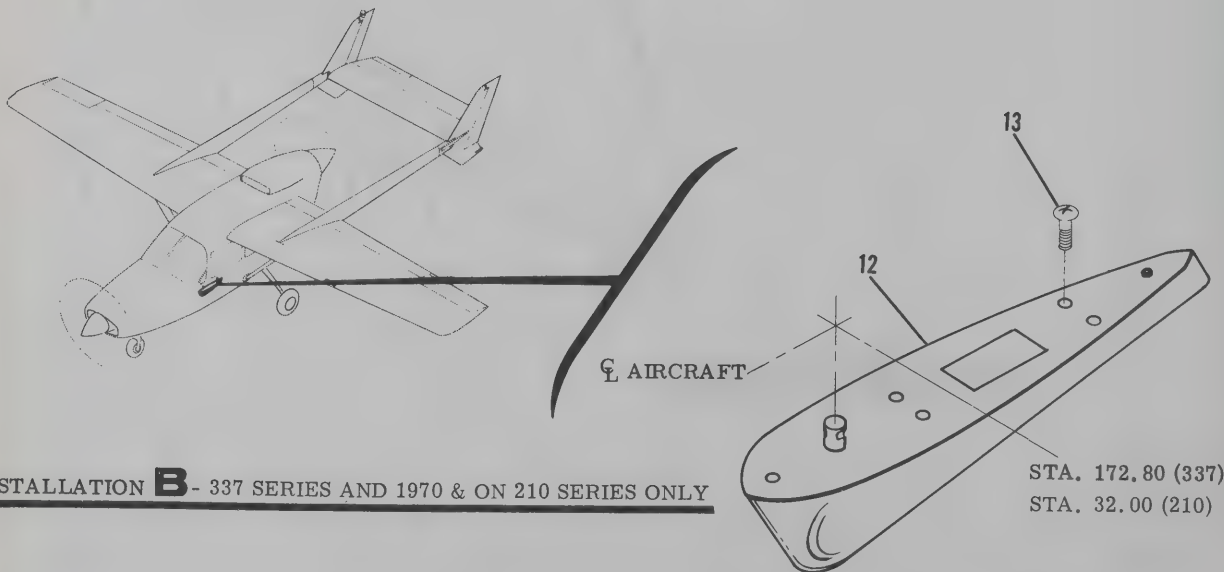
MARKER BEACON ANTENNA INSTALLATIONS



NOTES:

1. LOCATE AT 4.00 LBL. FOR MODEL P206 SERIES.
2. LOCATE AT 2.00 RBL. FOR MODEL 182 AND 1969 210 SERIES.
3. ALL DIMENSIONS ARE IN INCHES.

INSTALLATION **A** - ALL MODELS EXCEPT ALL 337 SERIES AND 1970 & ON 210 SERIES

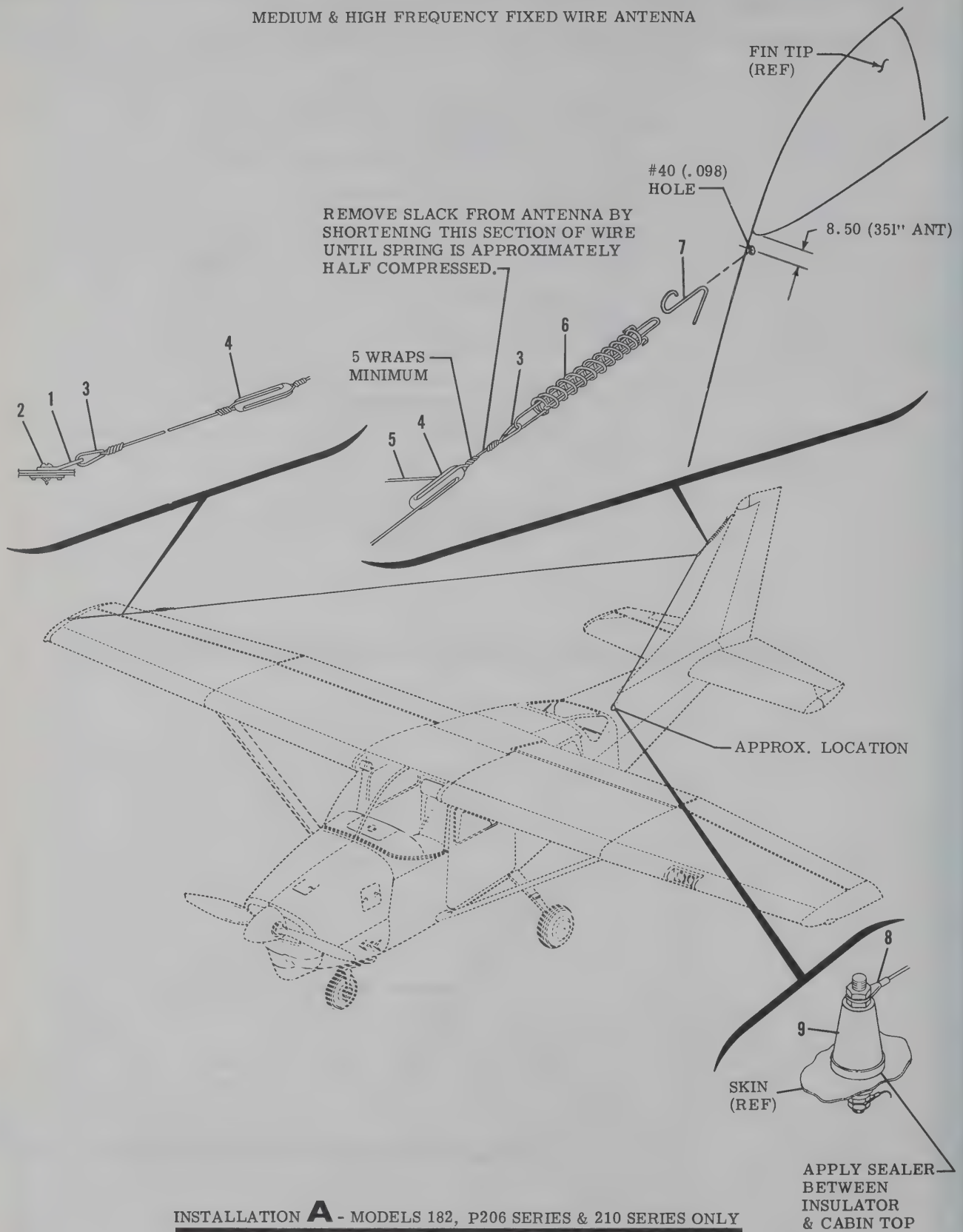


INSTALLATION **B** - 337 SERIES AND 1970 & ON 210 SERIES ONLY

Figure 3-4. Marker Beacon Antenna Installations

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 MODELS EXCEPT ALL 337 SERIES AND 1970 & ON 210 SERIES		
	C77C681-1	ANTENNA ROD ASSEMBLY -----	1	
- 1	C77C681-2	ANTENNA RCD -----	1	
- 2	C770681-3	SUPPORT - PHENOLIC -----	1	
	127C012-7	SLEEVE -----	1	
		ATTACHING PARTS		
- 3	AN970-3	WASHER -----	1	
- 4	NAS679A3	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 337 SERIES AND -	NP	
		1970 & ON 210 SERIES		
- 12	C589506-0101	MARKER BEACON ANTENNA -----	1	
		ATTACHING PARTS		
- 13	AN520-10R6	SCREW -----	5	
		---*---		

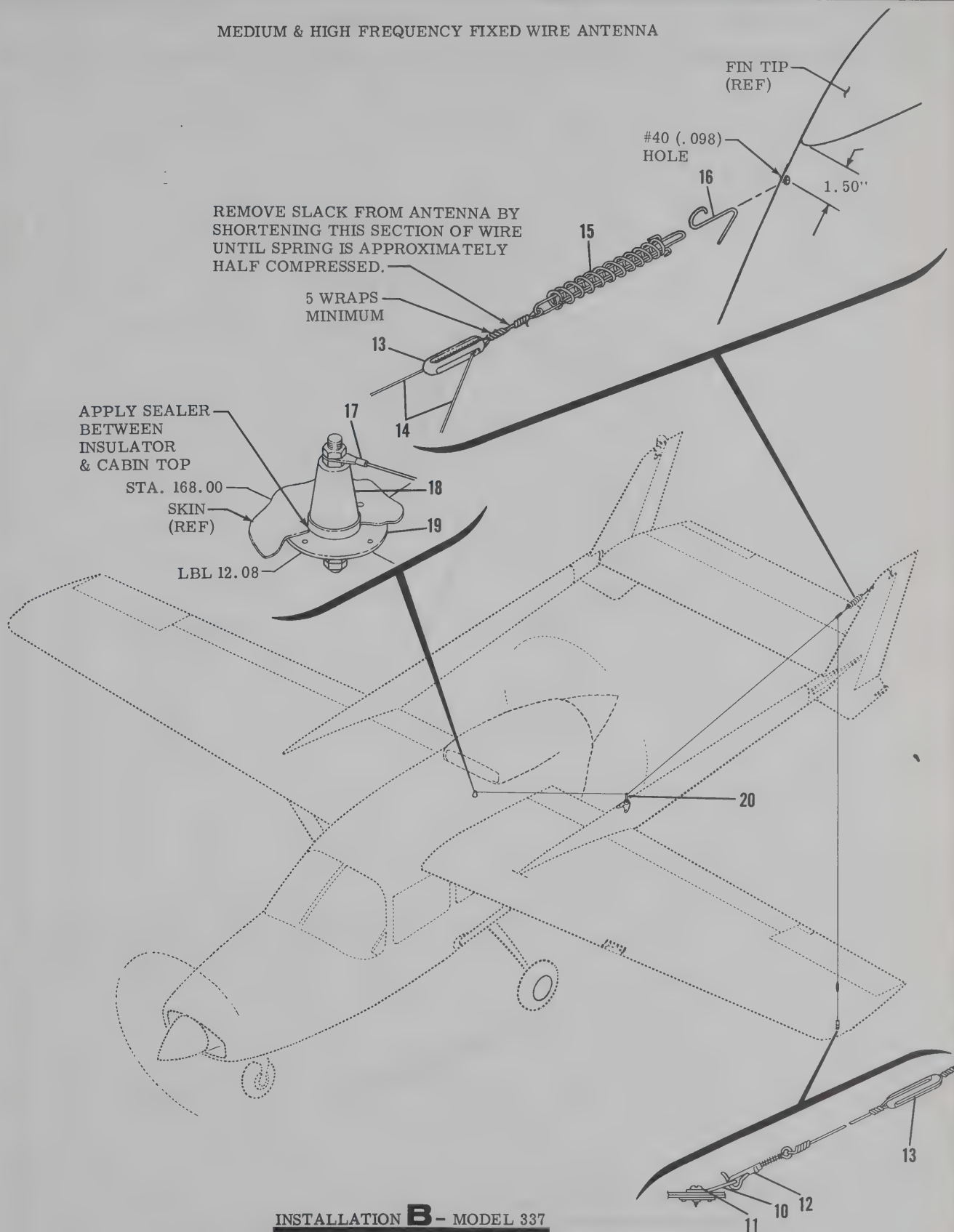
MEDIUM & HIGH FREQUENCY FIXED WIRE ANTENNA



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

Figure 3-5. Medium & High Frequency Fixed Wire Antenna (Sheet 1 of 2)

MEDIUM & HIGH FREQUENCY FIXED WIRE ANTENNA



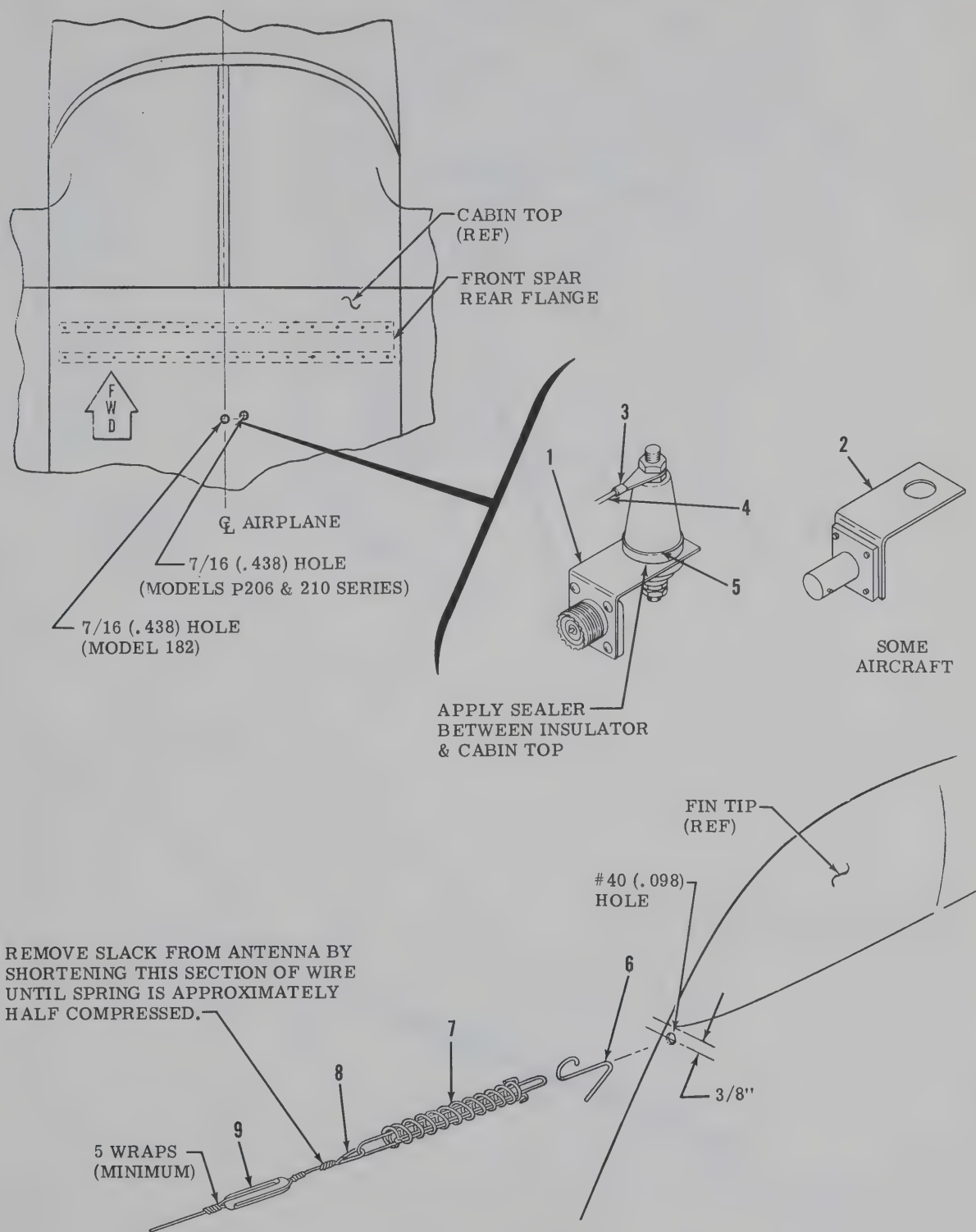
INSTALLATION **B** - MODEL 337

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



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-5-		MF & HF FIXED WIRE ANTENNA INSTALLATIONS -----	NP	
		MF & HF ANTENNA INSTL. A MODELS 182, P206 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	
- 6	S1282-4	SPRING -----	1	
- 7	C411686	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	
- 15	S1282-4	SPRING -----	1	
- 16	C411686	CLIP -----	1	
- 17	S1367-1-10	TERMINAL -----	1	
- 18	135-40	INSULATOR -----	1	
		ATTACHING PARTS		
- 19	147C082-4	DOUBLER -----	1	
		---*---		
- 20	1470125-1	STANDOFF ASSEMBLY -----	1	

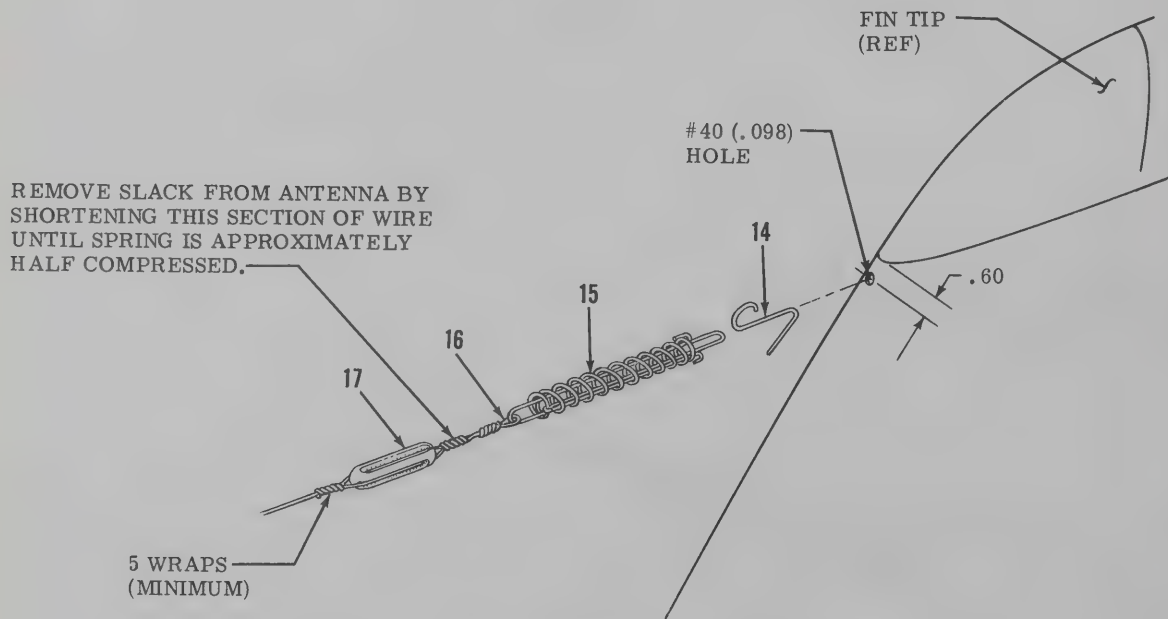
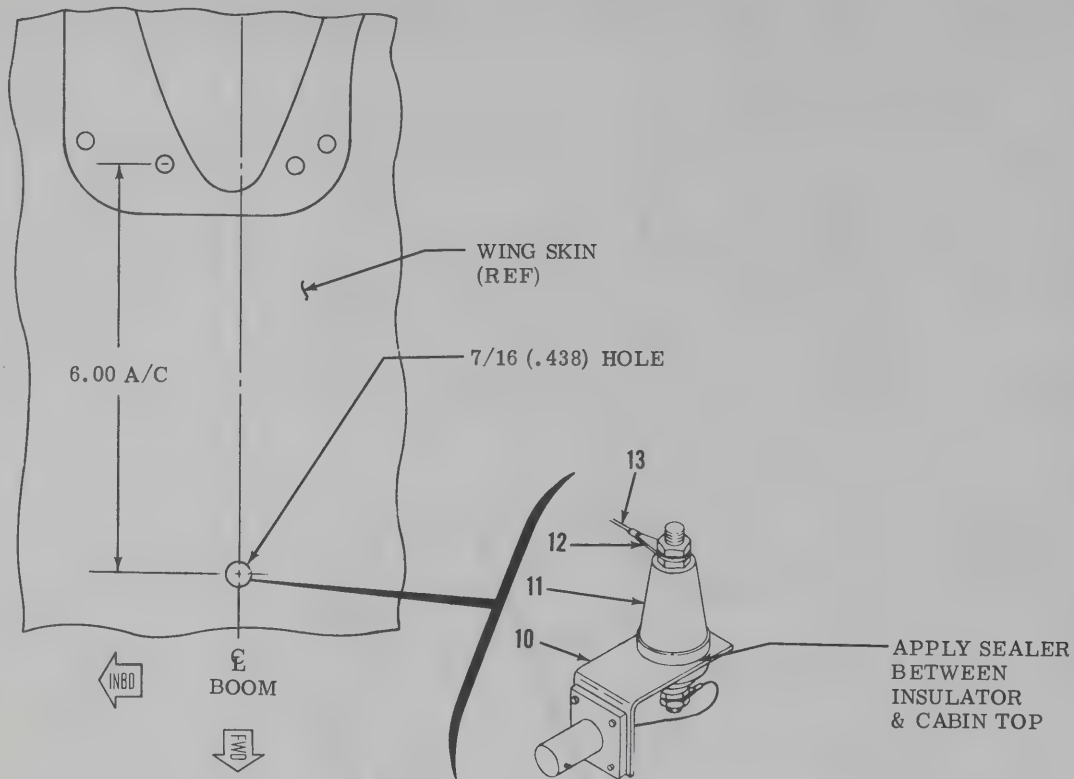
ADF (SENSE) ANTENNA INSTALLATION



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

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

ADF (SENSE) ANTENNA INSTALLATION



INSTALLATION **B** - MODEL 337 ONLY

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

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
3-6-		1 2 3 4 5 6 7 ADF SENSE ANTENNA INSTALLATIONS -----	NP	
		ADF SENSE ANTENNA INSTALLATION A MODELS 182, P206 SERIES 8 210 SERIES ONLY	NP	
- 1	127C422-1	ANGLE - CONNECTOR ASSY USED ON SOME AIRCRAFT -----	1	
	127C422-2	ANGLE -----	1	
	S0-239	JACK - COAXIAL -----	1	
- 2	127C444-1	ANGLE - CONNECTOR ASSY USED ON SOME AIRCRAFT -----	1	
	127C444-2	ANGLE -----	1	
	UG-290/U	RECEPTACLE - COAXIAL -----	1	
- 3	S1367-1-10	TERMINAL -----	1	
- 4	W-1C6A	WIRE - ADF SENSE ANTENNA 18 FEET REQD BULK ITEM ---	AR	
- 5	135-40	INSULATOR - FEED THRU -----	1	
- 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 & T337 ONLY -----	NP	
- 10	127C444-1	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

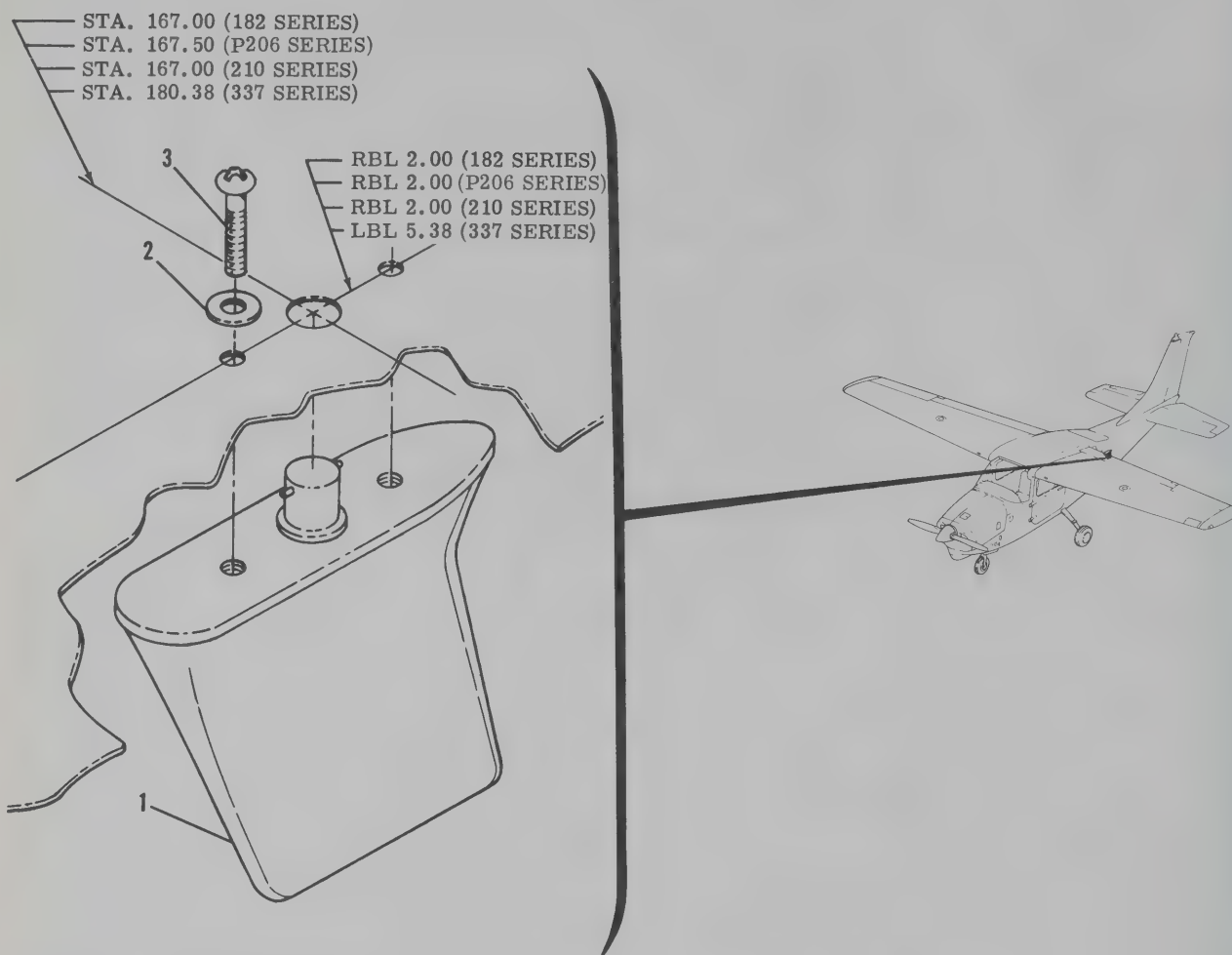


Figure 3-7. Cessna 400 Transponder (Type A-105B) Antenna Installation

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 ANTENNA INSTALLATION TYPE A-105B ----- 182, P206 SERIES, 210 SERIES AND 337 SERIES ONLY	NP	
- 2	AN960-8L	ANTENNA TYPE A-105B ARC ----- ATTACHING PARTS	1	
- 3	AN515-8R6	WASHER ----- SCREW ----- ---*---	2 2	

CESSNA 300 TRANSPONDER ANTENNA INSTALLATION

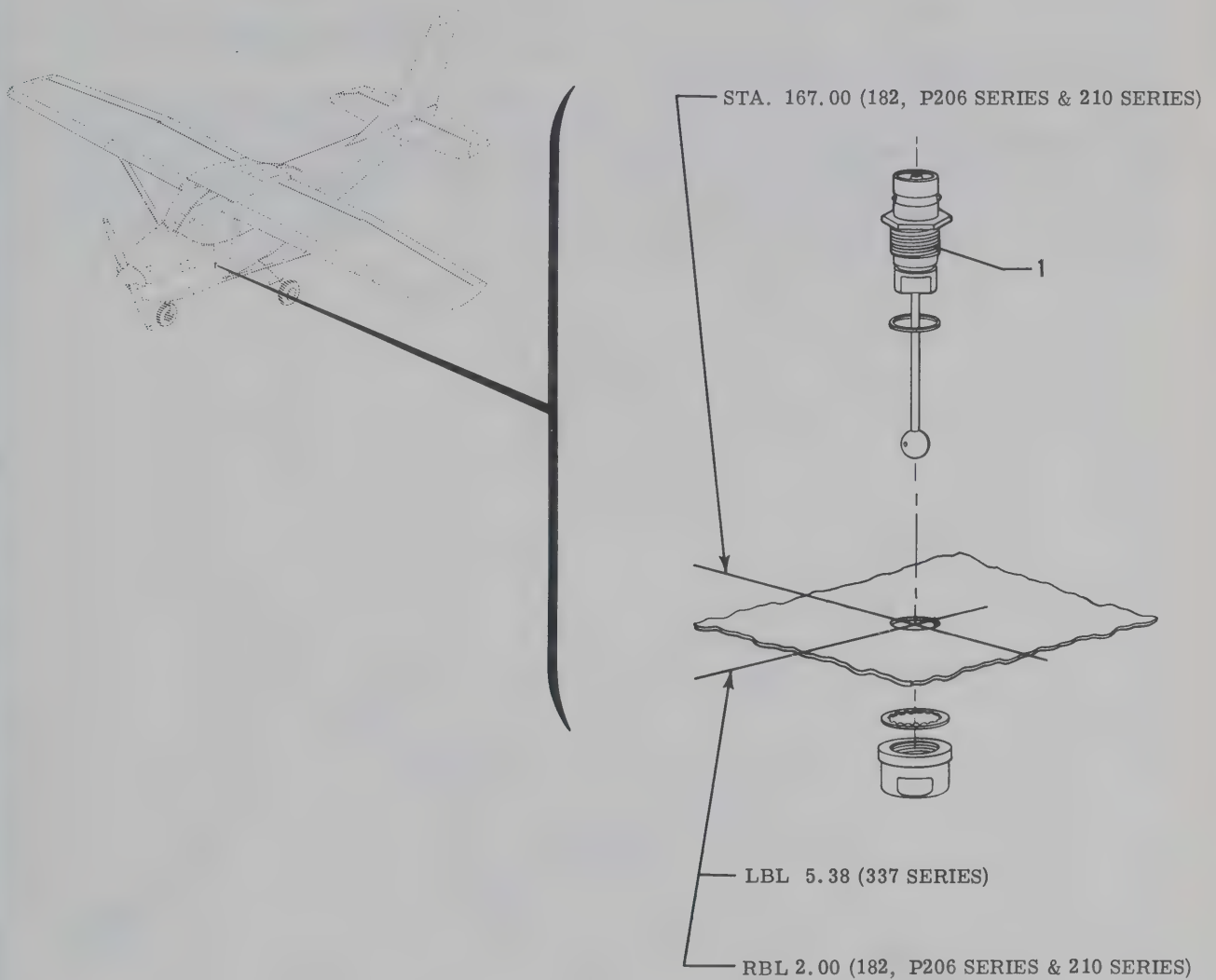


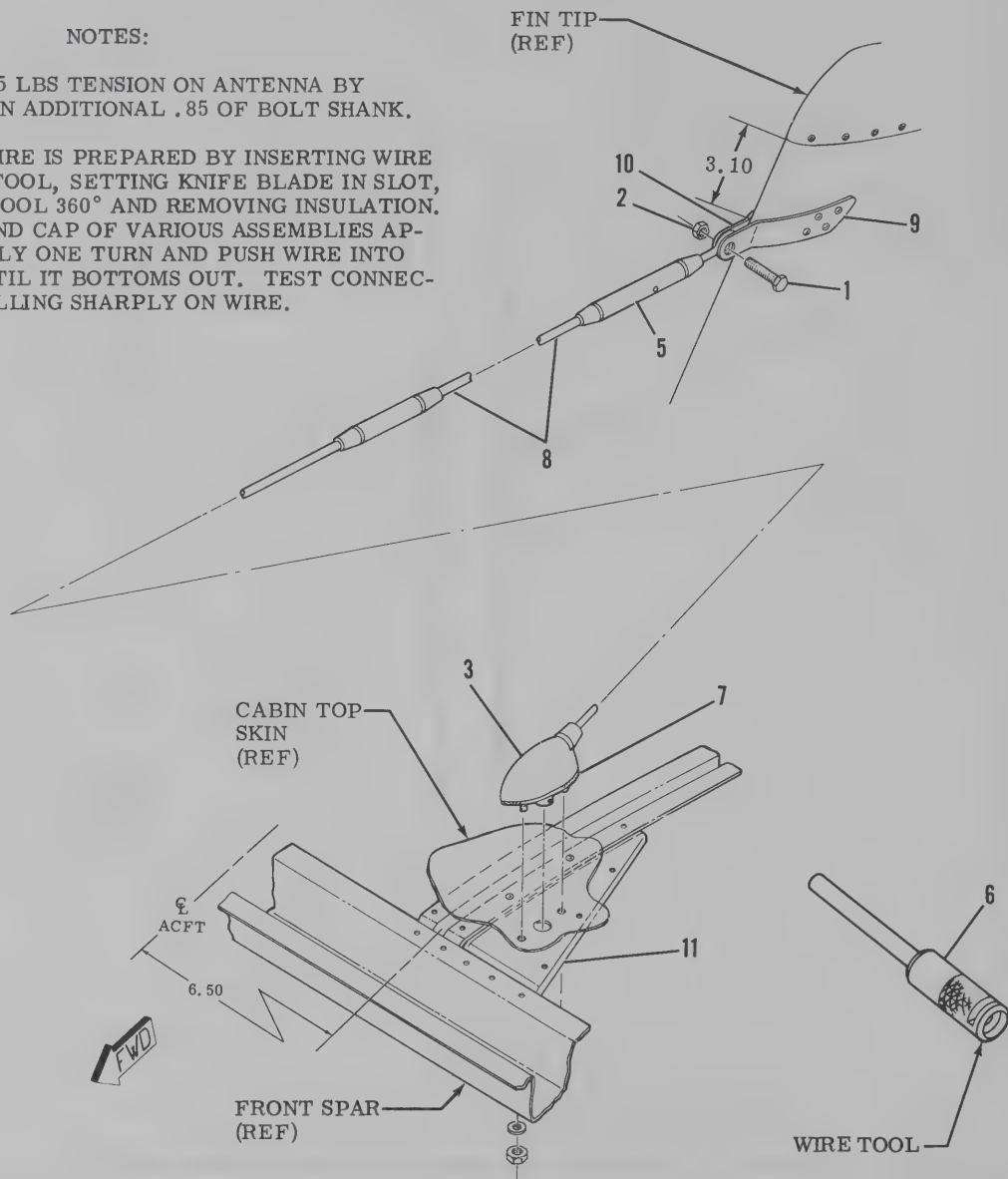
Figure 3-8. Cessna 300 Transponder (Type KA-28) Antenna Installation

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

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.



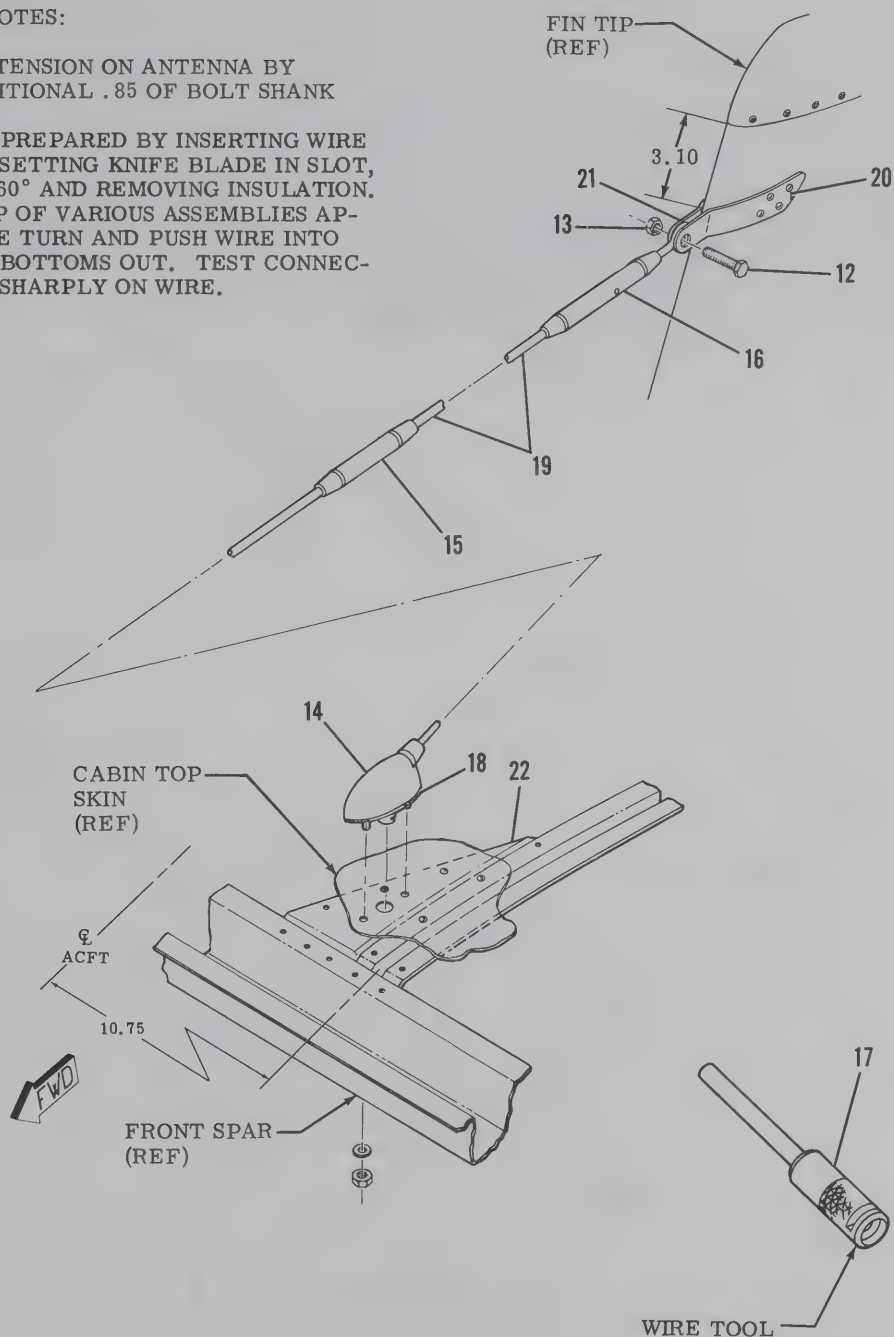
INSTALLATION **A**-MODEL 182 ONLY

Figure 3-9. Anti-Precipitation ADF (Sense) Antenna Installation (Sheet 1 of 5)

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.



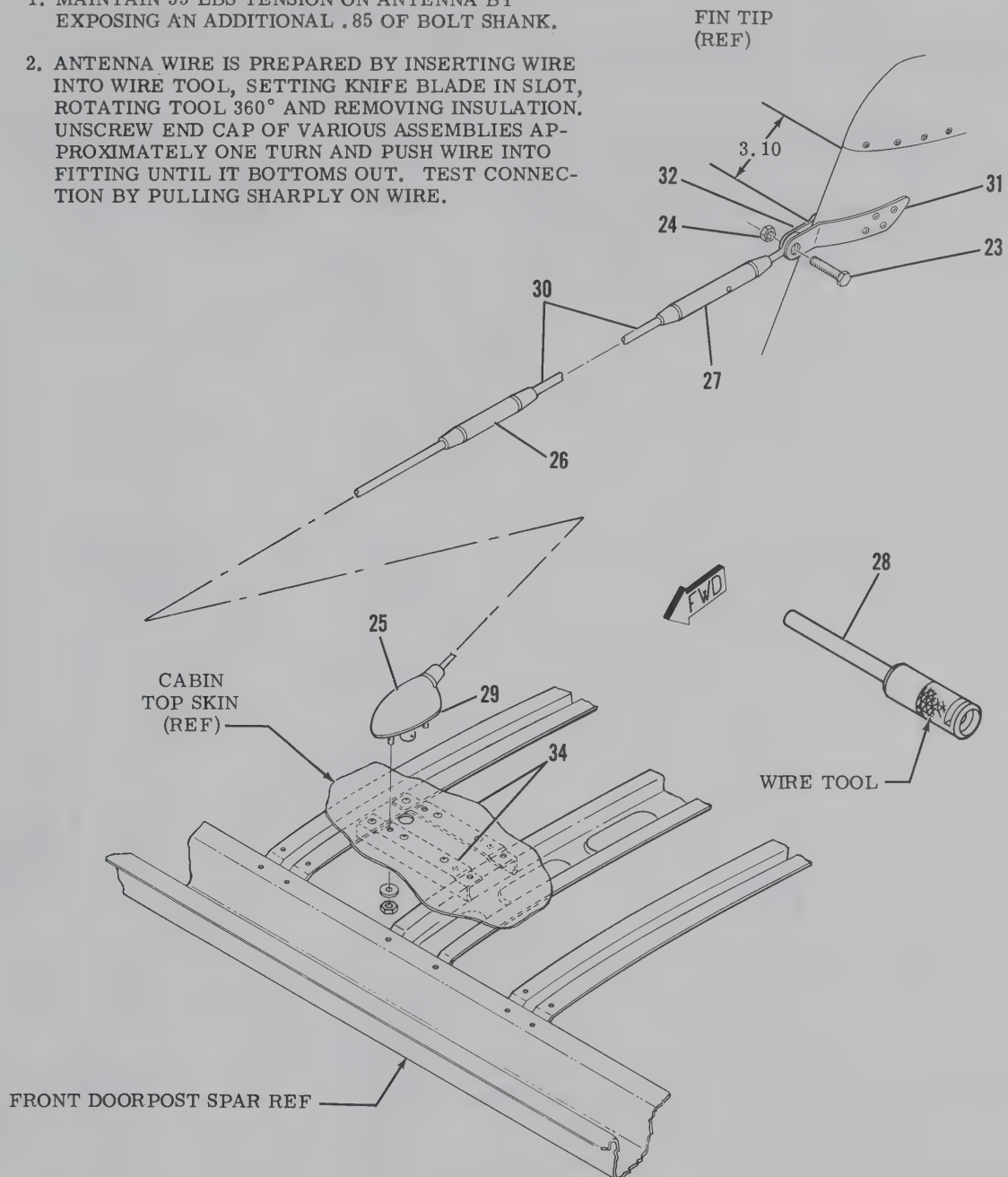
INSTALLATION **B** - MODEL P206 ONLY

Figure 3-9. Anti-Precipitation ADF (Sense) Antenna Installation (Sheet 2 of 5)

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.



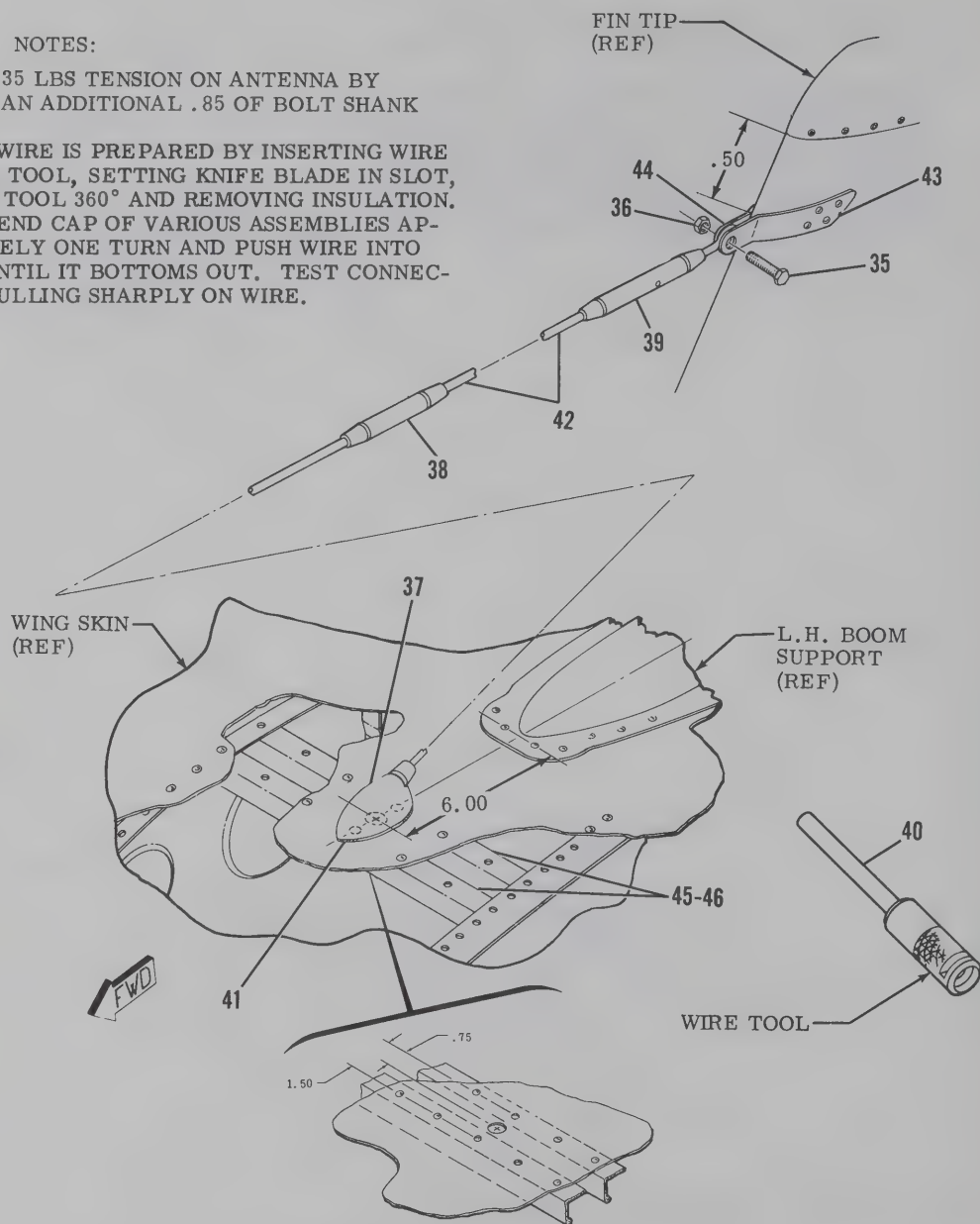
INSTALLATION **C**-MODEL 210 SERIES WITH OXYGEN

Figure 3-9. Anti-Precipitation ADF (Sense) Antenna Installation (Sheet 4 of 5)

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.



INSTALLATION D - 337 SERIES ONLY

Figure 3-9. Anti-Precipitation ADF (Sense) Antenna 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		
3-9-		ANTI-PRECIPITATION ADF SENSE ANTENNA INSTALLATION ALL -----	NP	
		MODELS 1970 & ON		
		ANTI-PRECIPITATION INSTALLATION A 182 ONLY -----	NP	
	C598502-0101	ANTENNA KIT -----	NP	
		ATTACHING PARTS		
- 1	AN4-5A	BOLT -----	1	
- 2	NAS-679-A4	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	C57C039-5	SUPPORT-LH -----	1	
- 10	C57C039-4	SUPPORT-RH -----	1	
- 11	127C680-2	STIFFENER -----	1	
	31-C09	ADAPTER MATES WITH ITEM 3 USED ON 400 ADF INSTL ---	1	
		ONLY AMBE		
	31-338	CONNECTOR MATES WITH ITEM 3 USED ON 300 ADF INSTL -	1	
		ONLY AMBE		
		ANTI-PRECIPITATION INSTALLATION B P206 SERIES ONLY -----	NP	
	C598502-0101	ANTENNA KIT -----	1	
		ATTACHING PARTS		
- 12	AN4-5A	BOLT -----	1	
- 13	NAS679-A4	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	C57C039-5	SUPPORT-LH -----	1	
- 21	C57C039-4	SUPPORT-RH -----	1	
- 22	127C680-1	STIFFENER -----	1	
	31-C09	ADAPTER MATES WITH ITEM 14 USED ON 400 ADF INSTL --	1	
		ONLY AMBE		
	31-338	CONNECTOR MATES WITH ITEM 14 USED ON 300 ADF INSTL	1	
		ONLY AMBE		
		ANTI-PRECIPITATION INSTALLATION C 210 SERIES ONLY -----	NP	
	C598502-0101	ANTENNA KIT -----	1	
		ATTACHING PARTS		
- 23	AN4-5A	BOLT -----	1	
- 24	NAS-679-A4	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	C57C039-5	SUPPORT-LH -----	1	
- 32	C57C039-4	SUPPORT-RH -----	1	
- 33	127C692-1	STIFFENER USED ONLY WHEN OXYGEN SYSTEM IS NOT INSTALLED	2	
- 34	127C692-2	STIFFENER REPLACES ITEM 33 WHEN OXYGEN SYSTEM IS -----	2	
		INSTALLED		
	31-C09	ADAPTER MATES WITH ITEM 25 USED ON 400 ADF INSTL --	1	
		ONLY AMBE		
	31-338	CONNECTOR MATES WITH ITEM 25 USED ON 300 ADF INSTL	1	
		ONLY AMBE		
		CONTINUED ON NEXT PAGE		

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 -----	NP	
		ANTENNA KIT -----	1	
		ATTACHING PARTS -----		
- 35	AN-4-5A	BOLT -----	1	
- 36	NAS-679-A4	NUT -----	1	
		*-----		
- 37	C598502-0102	MOUNT INSULATOR -----	1	
- 38	C598502-0103	INSULATOR -----	1	
- 39	C598502-0104	TENSION UNIT MAINTAIN 35 LBS TENSION ON ANTENNA -----	1	
		TENSION UNIT -----		
- 40	C598502-0105	WIRE TOOL -----	1	
- 41	C598502-0106	GASKET -----	1	
- 42	S1971-1	WIRE BULK ITEM -----	AR	
- 43	C57C039-5	SUPPORT-LH -----	1	
- 44	C57C039-4	SUPPORT-RH -----	1	
- 45	157C225-1	STIFFENER USED ON LEFT INSTALLATION ONLY -----	2	
- 46	157C235-1	STIFFENER USED ON RIGHT INSTALLATION ONLY -----	2	
	31-C09	ADAPTER MATES WITH ITEM 37 USED ON 400 ADF -----	1	
		INSTALLATION ONLY -----		
	31-338	CONNECTOR MATES WITH ITEM 37 USED ON 300 ADF -----	1	
		INSTALLATION ONLY -----		

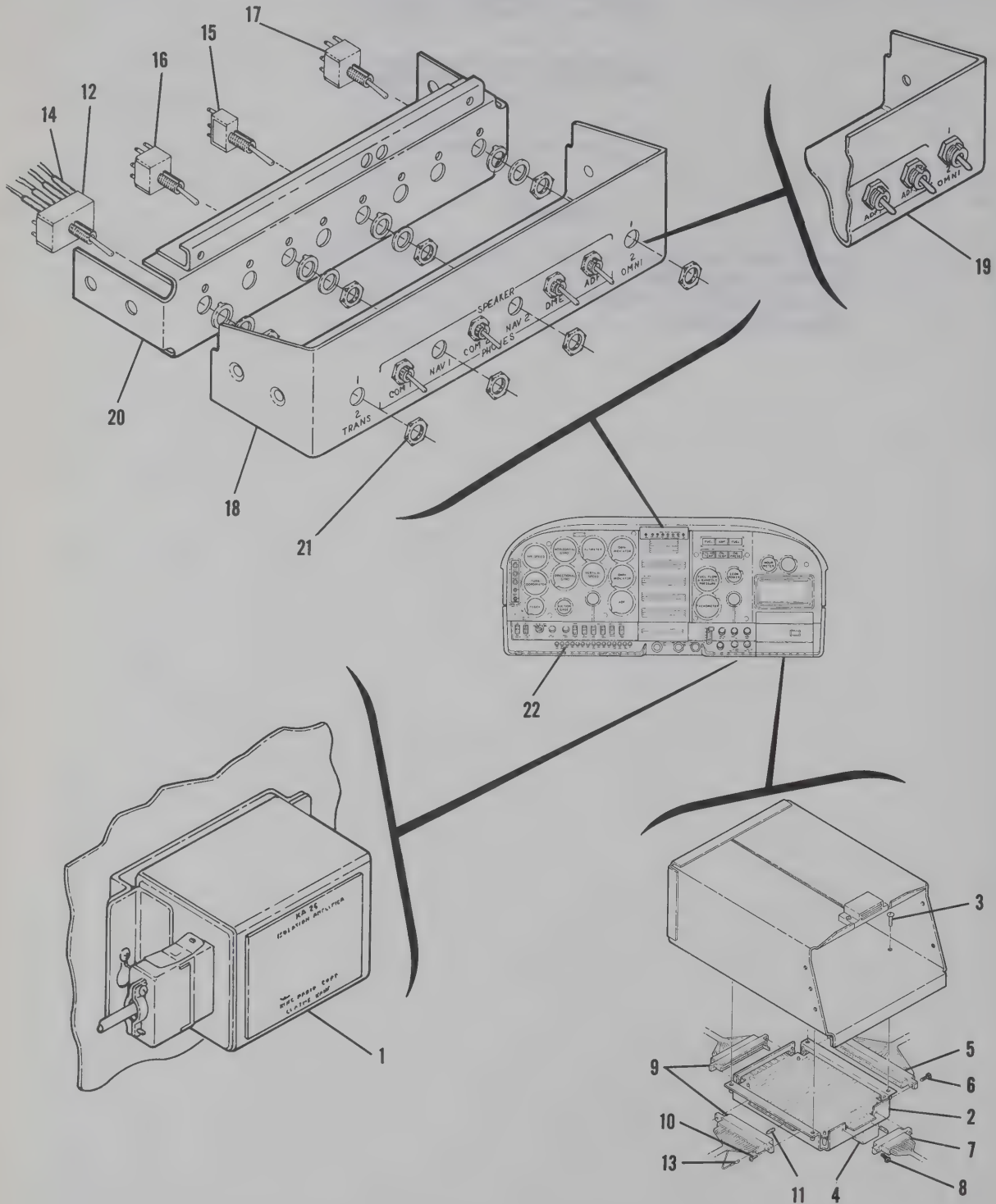
SECTION IV

AUDIO SYSTEMS

TABLE OF CONTENTS

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4-2	Speaker Installations	4-6
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4-4	Headset Installation	4-16

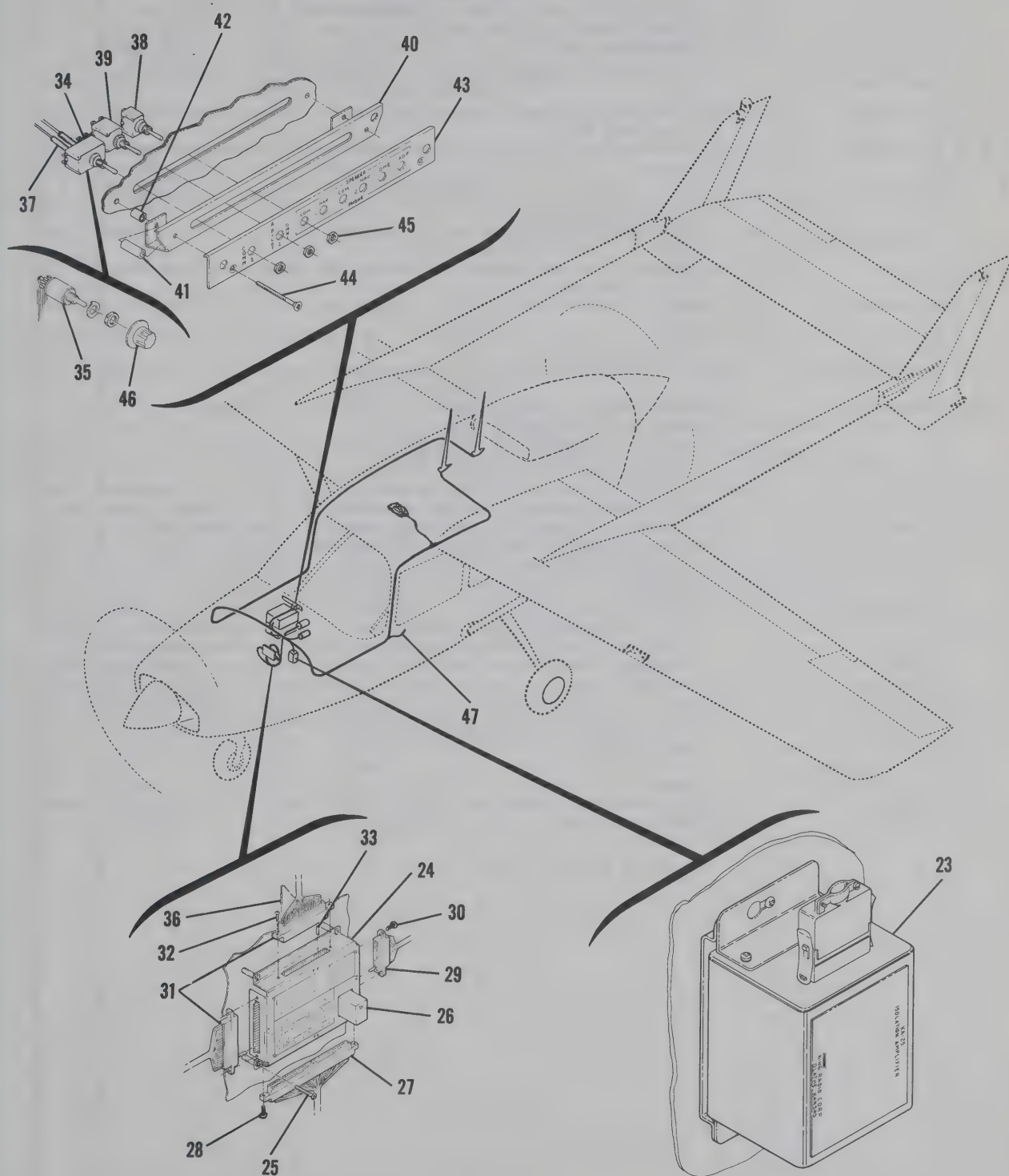
AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



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

Figure 4-1. Audio Isolation Amplifier & Selector Switch Installations (Sheet 1 of 2)

AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION



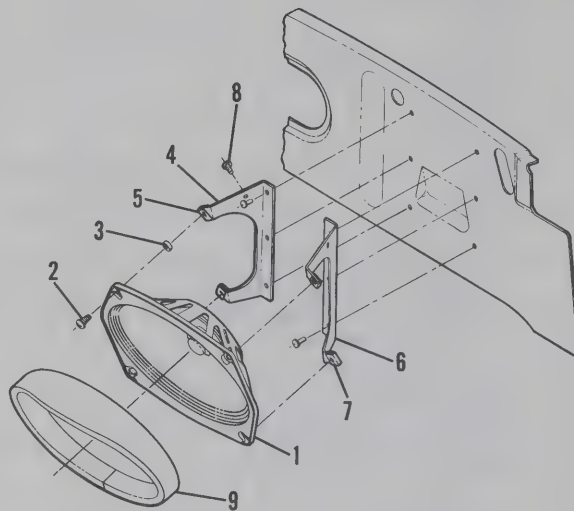
INSTALLATION **B** - MODELS 337 & T337 ONLY

Figure 4-1. Audio Isolation Amplifier & Selector Switch 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		
4-1-		AUDIO ISOLATION AMPLIFIER & SELECTOR SWITCH INSTALLATION -----	NP	
		AUDIO ISOLATION AMPLIFIER & TRANSMITTER SELECTOR SWITCH -----	NP	
		INSTALLATION A 182, P206 SERIES & 210 SERIES ONLY		
- 1	KA-25	KING ISOLATION AMPLIFIER NOT REQUIRED ON -----	1	
		RADIOS WITH BUILT-IN AMPLIFIER KG		
		ATTACHING PARTS		
	AN515-6R8	SCREW -----	4	
	NAS697A06	NUT -----	4	
		-----*		
- 2	C57C084-1	JUNCTION BOX & CIRCUIT BOARD ASSY -----	1	
		ATTACHING PARTS		
- 3	AN515-8R6	SCREW -----	4	
		-----*		
- 4	S1813-2	RELAY -----	1	
- 5	S1838-1	HOUSING 60 PIN -----	1	
		ATTACHING PARTS		
- 6	AN515-6R8	SCREW -----	2	
		-----*		
- 7	S1838-3	HOUSING 20 PIN -----	1	
		ATTACHING PARTS		
- 8	AN515-4R8	SCREW -----	2	
		-----*		
- 9	S1838-2	HOUSING 36 PIN -----	2	
		ATTACHING PARTS		
- 10	AN515-4R6	SCREW -----	2	
		-----*		
- 11	S1836-1	KEYING PLUG USED ON ITEM 7 & 9 ONLY ONE EACH -----	3	
		REQD PER HOUSING		
- 12	S1697-1	CABLE ASSY-TRANSMITTER SELECTOR SWITCH -----	NP	
- 13	S1837-1	SWITCH-TRANSMITTER SELECTOR -----	1	
- 14	S1694-3-0.5	TERMINAL -----	AR	
		SHRINK TUBING BULK ITEM -----	AR	
- 15	S1695-2	CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH -----	NP	
		SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH --	1	
		RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER		
- 16	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH --	1	
		RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER		
	S1837-1	TERMINAL -----	AR	
	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
- 17	S1696-1	CABLE ASSY-OMNI SELECTOR SWITCH -----	NP	
	S1837-1	SWITCH DOUBLE POLE-DOUBLE THROW -----	1	
	S1694-3-0.5	TERMINAL -----	AR	
- 18	1213005-2	SHRINK TUBING BULK ITEM -----	AR	
- 19	1213005-4	COVER -----	1	
- 20	1213064-1	COVER USED ONLY WHEN DUAL ADF IS INSTALLED -----	1	
		BRACKET ASSY - SWITCH MOUNTING -----	1	
		ATTACHING PARTS		
	AN507-632R7	SCREW -----	4	
		-----*		
- 21	S1216-3	NUT-DECORATIVE -----	AR	
- 22	S1360-5	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		
4-1-		AUDIO ISOLATION AMPLIFIER & TRANSMITTER SELECTOR SWITCH ----- INSTALLATION B 337 SERIES ONLY	NP	
- 23	KA-25	KING ISOLATION AMPLIFIER NOT REQUIRED WHEN RADIOS ----- HAVE BUILT-IN AMPLIFIERS KG	1	
	AN515-8R8	ATTACHING PARTS	4	
	NAS686A08K	SCREW ----- NUTPLATE -----	4	
		-----*		
- 24	O57C084-2	JUNCTION BOX & CIRCUIT BOARD ASSY ----- ATTACHING PARTS	1	
- 25	AN515-6R22	SCREW ----- -----*	4	
- 26	S1813-1	RELAY -----	1	
- 27	S1838-1	HOUSING 60 PIN ----- ATTACHING PARTS	1	
- 28	AN515-6R8	SCREW ----- -----*	2	
- 29	S1838-3	HOUSING 20 PIN ----- ATTACHING PARTS	1	
- 30	AN515-4R8	SCREW ----- -----*	2	
- 31	S1838-2	HOUSING 36 PIN ----- ATTACHING PARTS	2	
- 32	AN515-4R6	SCREW ----- -----*	2	
- 33	S1836-1	KEYING PLUG USED ON ITEM 29 & 31 ONLY ONE EACH ----- REQD PER HOUSING	3	
- 34	S1697-1	CABLE ASSY-TRANSMITTER SELECTOR SWITCH ----- SWITCH-TRANSMITTER SELECTOR USED ONLY WHEN DUAL ----- RADIOS ARE INSTALLED.	NP 1	
- 35	MRA-2-5	SWITCH-TRANSMITTER SELECTOR USED ONLY WHEN THREE ----- OR MORE RADIOS ARE INSTALLED AELM	1	
- 36	S1837-1	TERMINAL -----	AR	
- 37	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
- 38	S1695-2	CABLE ASSY-SPEAKER/PHONE SELECTOR SWITCH ----- SWITCH SINGLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS HAVING BUILT-IN ISOLATION AMPLIFIER	NP 1	
- 39	S1696-1	SWITCH DOUBLE POLE-DOUBLE THROW USED ONLY WITH -- RADIOS NOT HAVING BUILT-IN ISOLATION AMPLIFIER	1	
	S1837-1	TERMINAL -----	AR	
	S1694-3-0.5	SHRINK TUBING BULK ITEM -----	AR	
	I47C201-4	BRACKET ASSY -----	1	
- 40	I47C201-5	BRACKET -----	1	
- 41	NAS43DD1-60	SPACER -----	2	
- 42	NAS43DD1-20	SPACER -----	2	
- 43	I513143-1	PLATE ASSY ----- ATTACHING PARTS	1	
- 44	AN507-632R28	SCREW ----- -----*	2	
- 45	S1216-3	NUT-DECORATIVE -----	AR	
- 46	I910-E	KNOB DHM -----	1	
	SS48151	PLUG BUTTON UC -----	AR	
- 47	S1360-5	CIRCUIT BREAKER -----	1	

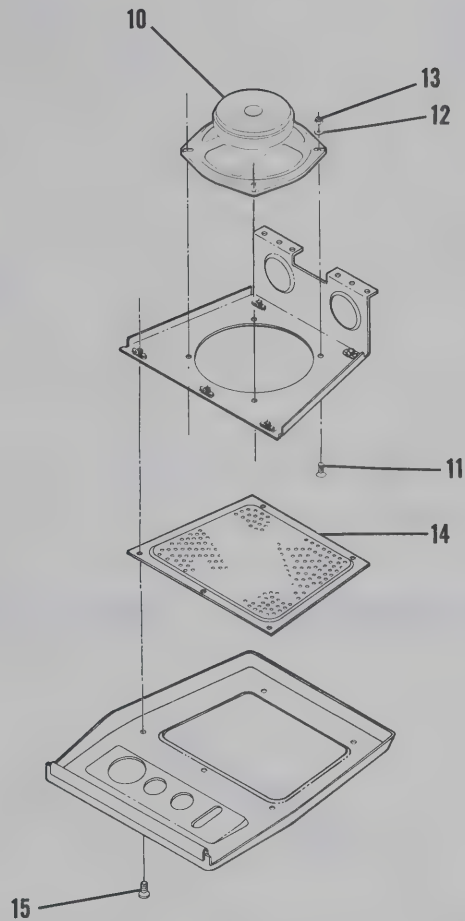
SPEAKER INSTALLATION



INSTALLATION A - 1969 MODELS 182 & P206 SERIES ONLY
(TYPICAL INSTALLATION FOR L.H. & R.H. SPEAKERS)

Figure 4-2. Speaker Installation (Sheet 1 of 3)

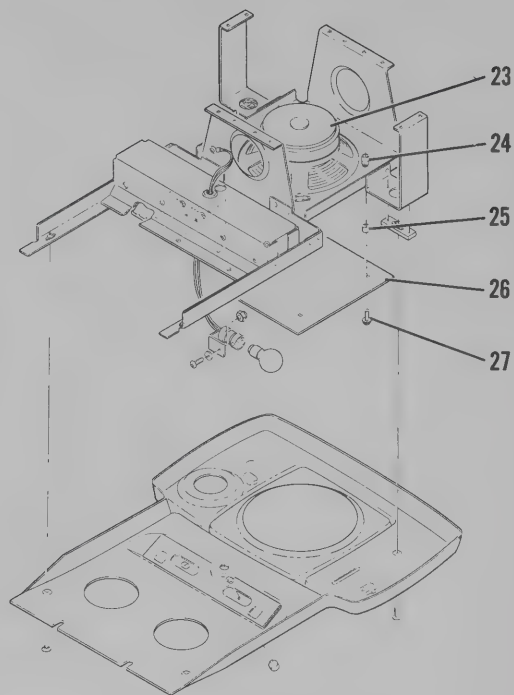
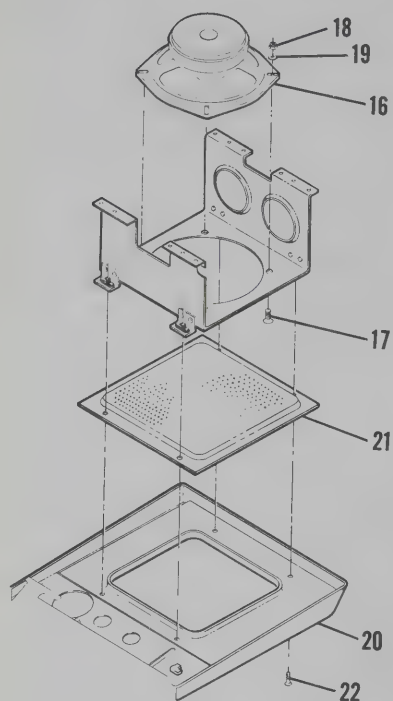
SPEAKER INSTALLATION



INSTALLATION **B** - 1970 & ON MODELS 182 & P206 SERIES ONLY

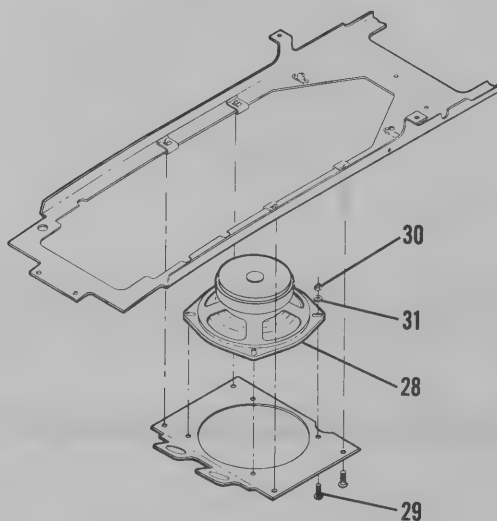
Figure 4-2. Speaker Installation (Sheet 2 of 3)

SPEAKER INSTALLATION



INSTALLATION C - 1969 MODEL 210 SERIES ONLY

INSTALLATION D - 1970 & ON 210 SERIES ONLY

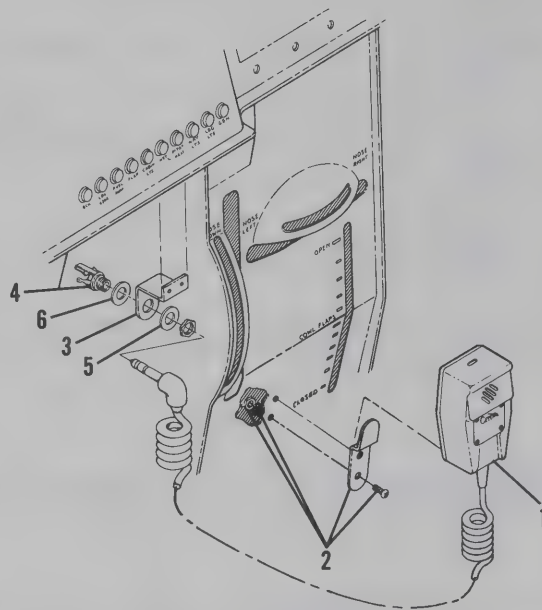


INSTALLATION E - MODELS 337 & T337

Figure 4-2. Speaker 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-		SPEAKER INSTALLATIONS -----	NP	
		SPEAKER INSTALLATION A 1969 MODEL 182 & P206 SERIES ONLY	NP	
- 1	C596505-0101	SPEAKER WIRES NOT SUPPLIED TYPICAL FOR BOTH ----- RIGHT AND LEFT SPEAKER INSTALLATIONS ATTACHING PARTS	1	
- 2	S1021Z8-6	SCREW -----	4	
- 3	NAS42CD6-8	SPACER -----	4	
		---*---		
- 4	C77C732-5	ADAPTER PLATE ASSY -----	1	
	C77C732-7	ADAPTER PLATE -----	1	
- 5	NAS395-11-3	NUT -----	2	
- 6	C77C732-6	ADAPTER PLATE ASSY -----	1	
	C77C732-8	ADAPTER PLATE -----	1	
- 7	NAS395-11-3	NUT -----	2	
- 8	S1021Z4-4	SCREW-GROUNDING -----	1	
- 9	127C058-1	RAFFLE -----	1	
		SPEAKER INSTALLATION B 1970 & ON MODELS 182 & P206 -----	NP	
		SERIES ONLY		
- 10	C596504-0101	SPEAKER ----- ATTACHING PARTS	1	
- 11	AN507-832R8	SCREW -----	4	
- 12	AN960D8	WASHER -----	4	
- 13	NAS679A08	NUT -----	4	
		---*---		
- 14	1211081	GRILLE ----- ATTACHING PARTS	1	
- 15	AN507-832R7	SCREW -----	5	
		---*---		
		SPEAKER INSTALLATION C 1969 MODEL 210 SERIES ONLY -----	NP	
- 16	C596504-0101	SPEAKER WIRES NOT SUPPLIED ----- ATTACHING PARTS	1	
- 17	AN507-832R8	SCREW -----	4	
- 18	NAS679A08	NUT -----	4	
- 19	AN960C8L	WASHER -----	4	
		---*---		
- 20	SEE PARTS CAT.	COVER -----	1	
- 21	1211086-1	GRILLE ----- ATTACHING PARTS	1	
- 22	AN507-832R6	SCREW -----	4	
		---*---		
		SPEAKER INSTALLATION D 1970 & ON 210 SERIES ONLY -----	NP	
- 23	C596504-0101	SPEAKER WIRES NOT SUPPLIED ----- ATTACHING PARTS	1	
- 24	NAS680A08K	NUTPLATE -----	4	
- 25	NAS43CD3-12	SPACER -----	4	
- 26	12CC224-1	GRILLE-SPEAKER -----	1	
- 27	AN525-832R10	SCREW -----	4	
		---*---		
		SPEAKER INSTALLATION E MODEL 337 SERIES ONLY -----	NP	
- 28	C596504-0101	SPEAKER WIRES NOT SUPPLIED ----- ATTACHING PARTS	1	
- 29	AN515-8R10	SCREW -----	4	
- 30	NAS679A08	NUT -----	4	
- 31	AN960D8	WASHER -----	4	
		---*---		

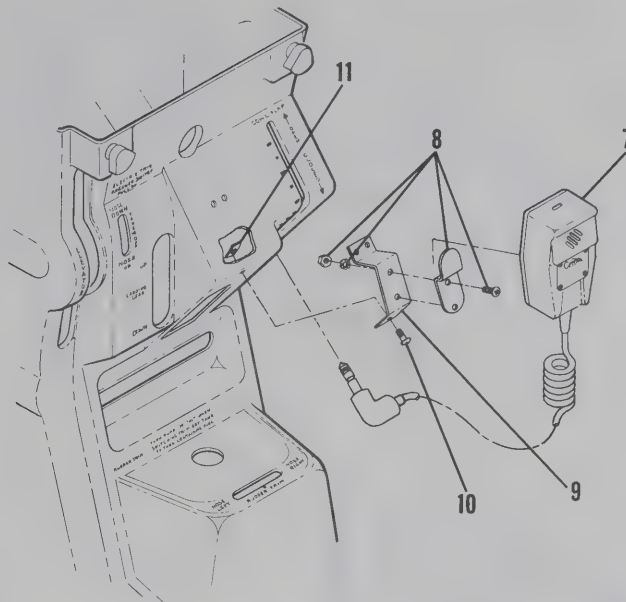
MICROPHONE INSTALLATION & SERVICE PARTS



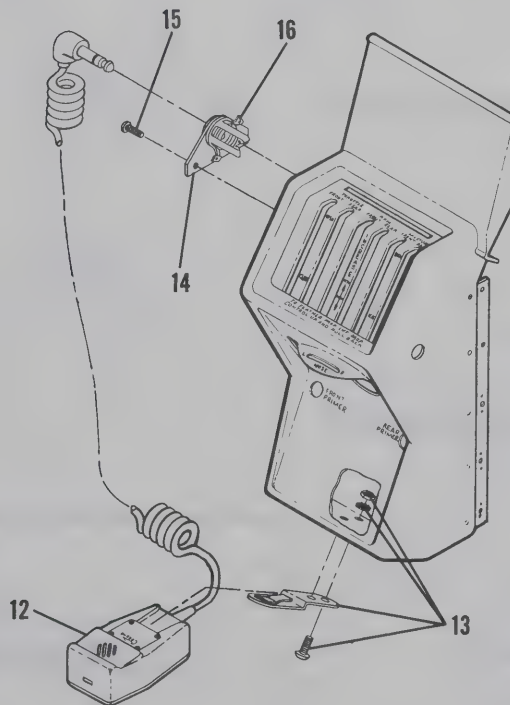
INSTALLATION A - 182 & P206 SERIES ONLY

Figure 4-3. Cessna Crafted Microphone Installation & Service Parts (Sheet 1 of 5)

MICROPHONE INSTALLATION & SERVICE PARTS



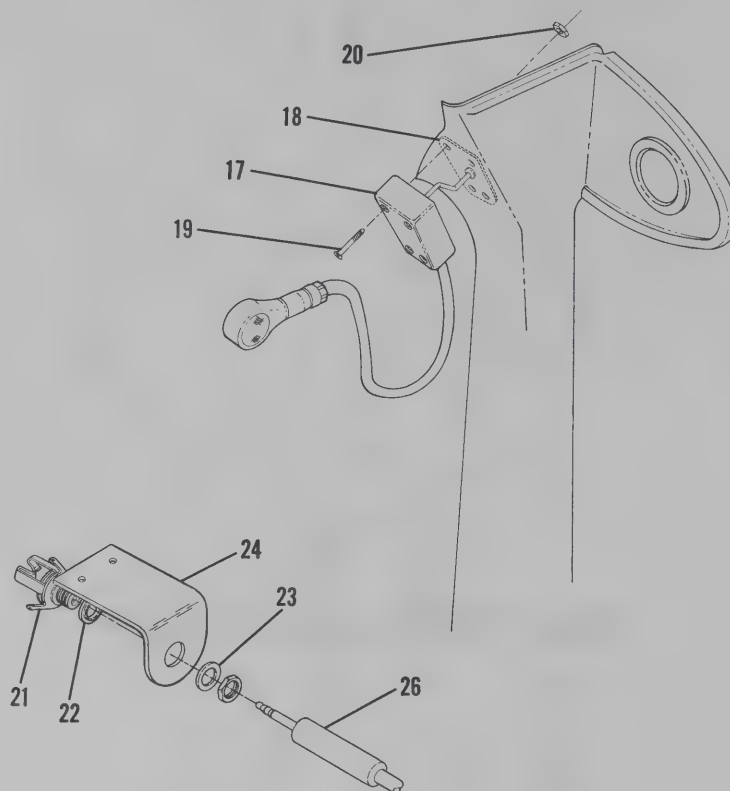
INSTALLATION B - 210 & T210 SERIES ONLY



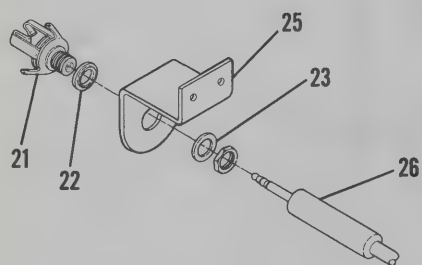
INSTALLATION C - 337 & T337 SERIES ONLY

Figure 4-3. Cessna Crafted Microphone Installation & Service Parts (Sheet 2 of 5)

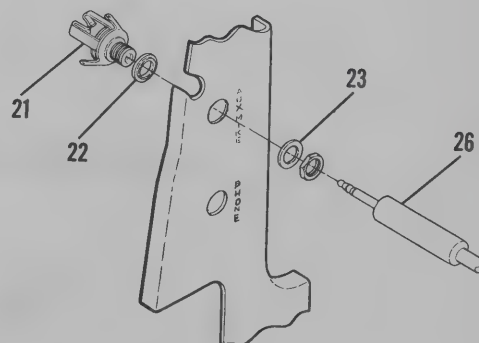
MICROPHONE INSTALLATION & SERVICE PARTS



MODEL 182 ONLY



MODELS & 210 SERIES ONLY

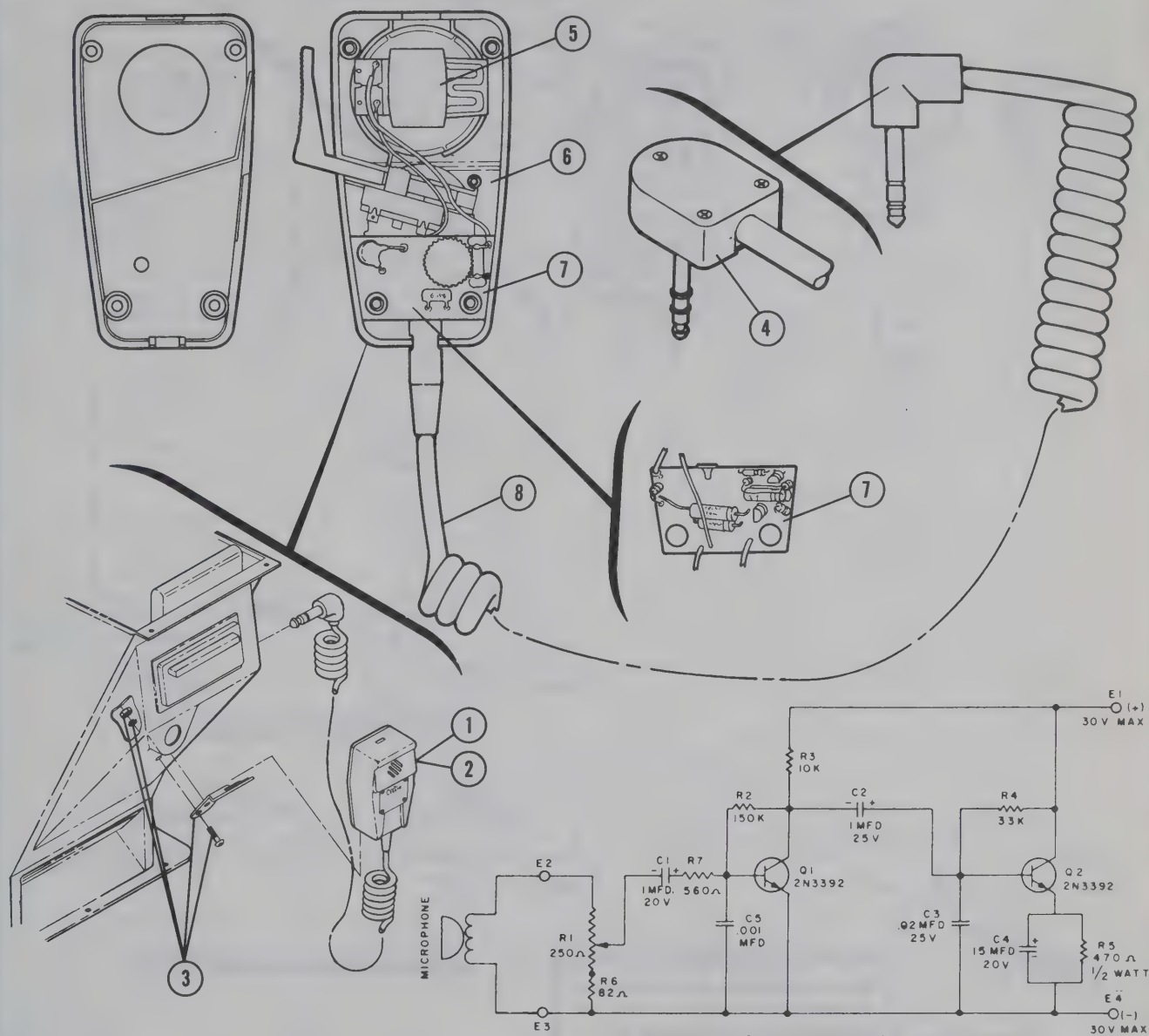


MODEL 337 SERIES ONLY

INSTALLATION D MODELS 182, P206 SERIES, 210 SERIES & 337 SERIES ONLY

Figure 4-3. Cessna Crafted Microphone Installation & Service Parts (Sheet 3 of 5)

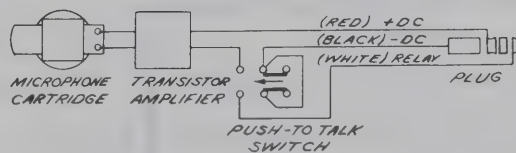
MICROPHONE INSTALLATION & SERVICE PARTS



SCHEMATIC OF TRANSISTOR AMPLIFIER

PARTS LIST

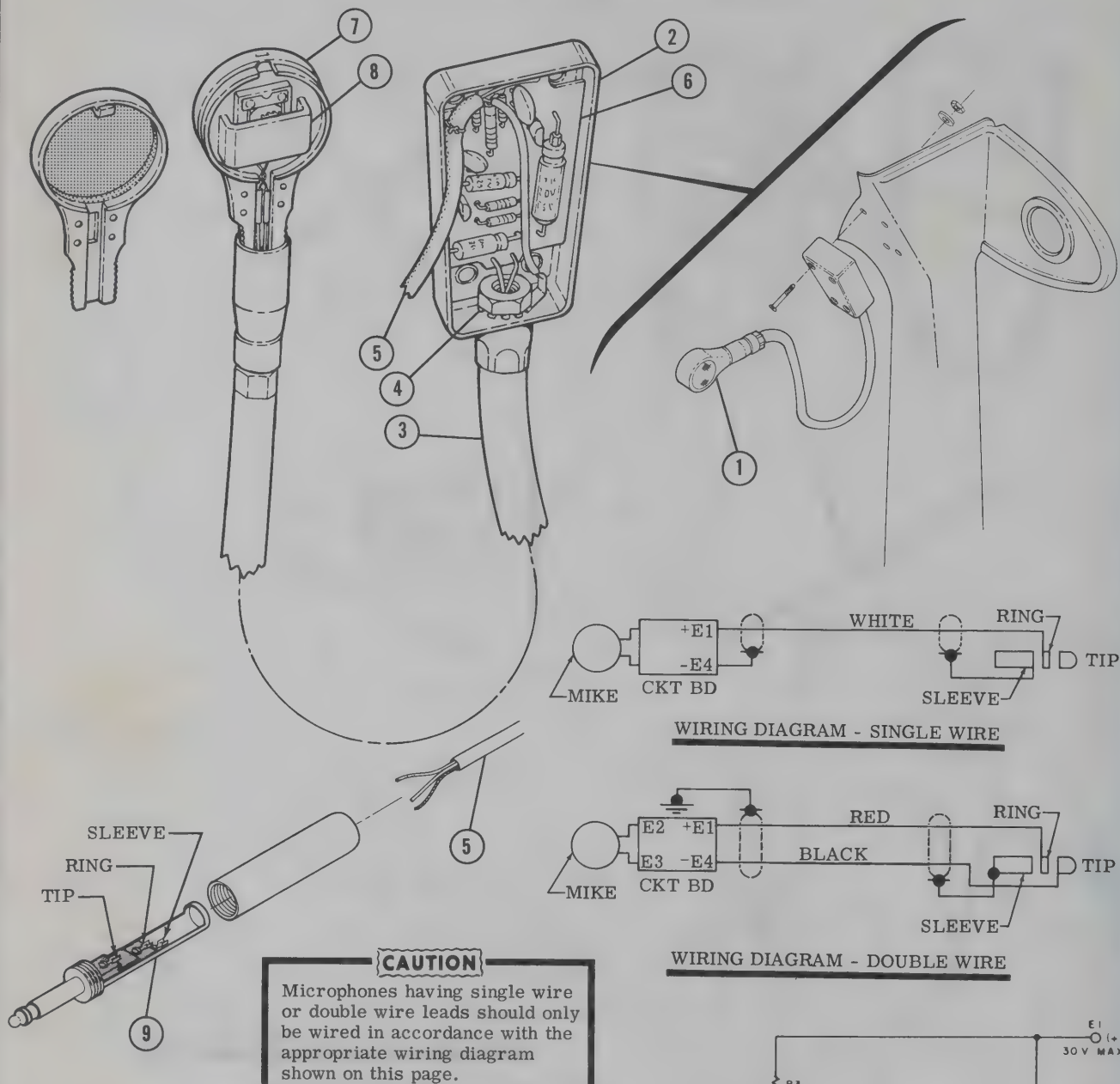
1. C596502-0201 MICROPHONE KIT
2. C596502-0202 MICROPHONE ASSY (Part of Item 1.)
3. C596501-0103 MOUNTING KIT (Part of Item 1.)
4. S1342-4 PLUG - REMOVABLE (Replaces Existing Plug)
5. 60794-03 MIKE CARTRIDGE
6. 35277-00 SWITCH
7. 60792-00 CIRCUIT BOARD
8. 60903-03 CORD



WIRING DIAGRAM

Figure 4-3. Cessna Crafted Microphone Installation & Service Parts (Sheet 4 of 5)

MICROPHONE INSTALLATION & SERVICE PARTS



PARTS LIST

1. C596503-0101 MICROPHONE ASSY
2. 61603-00 HOUSING
3. 61617-00 FLEXIBLE TUBING ASSY
4. 61605-00 NUT
5. 25421-00 CORDAGE - 8 FT
6. 61602-00 CIRCUIT BOARD ASSY
7. 61619-00 HOUSING - BOTTOM ASSY
8. 61178-06 MIKE CARTRIDGE
9. PJ-068 PLUG

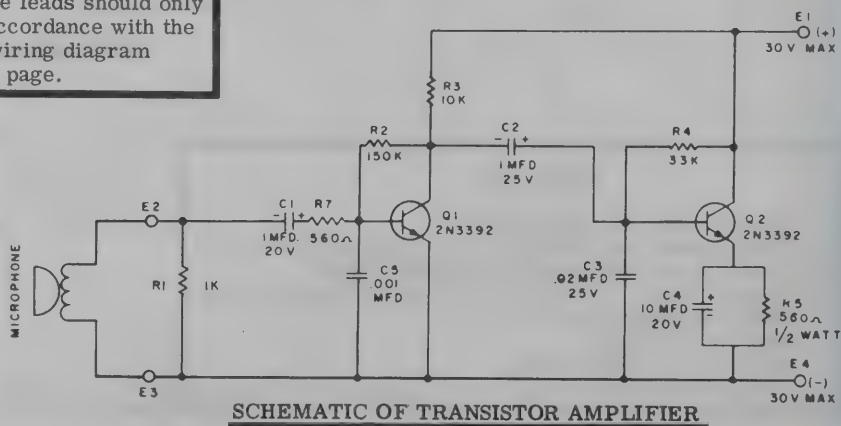
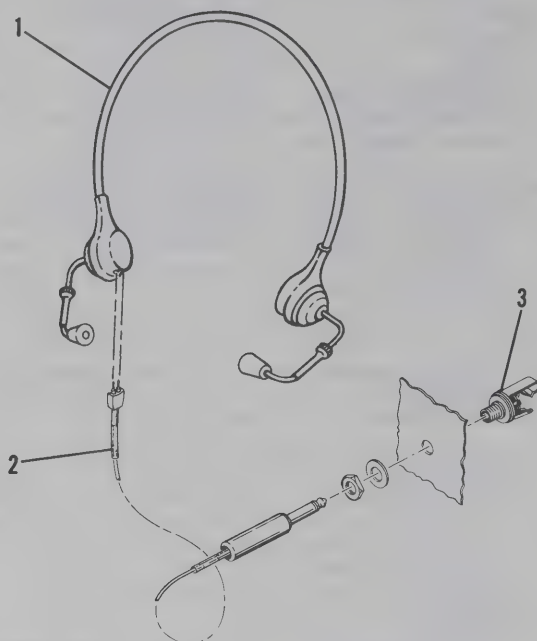


Figure 4-3. Cessna Crafted Microphone Installation & Service Parts (Sheet 5 of 5)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
4-3-		MICROPHONE INSTALLATIONS -----	NP	
		MICROPHONE INSTALLATION A 182 & P206 SERIES ONLY -----	NP	
- 1	C596502-0201	MICROPHONE KIT -----	1	
	C596502-0202	MICROPHONE ASSY -----	1	
- 2	C596501-0103	MOUNTING KIT -----	1	
- 3	1270638-1	BRACKET -----	1	
	S1021A6-6	ATTACHING PARTS		
		SCREW -----	2	
		-----*-----		
- 4	S1102-1	JACK-MICROPHONE -----	1	
- 5	S1196-2	WASHER-INNER -----	1	
- 6	S1196-1	WASHER-OUTER -----	1	
		MICROPHONE INSTALLATION B 210 & T210 SERIES ONLY -----	NP	
- 7	C596502-0201	MICROPHONE KIT -----	1	
	C596502-0202	MICROPHONE ASSY -----	1	
- 8	C596501-0103	MOUNTING KIT -----	1	
- 9	1270468-3	BRACKET -----	1	
		ATTACHING PARTS		
- 10	S1021Z4-4	SCREW -----	3	
- 11	NAS446-1-3	NUT -----	3	
		-----*-----		
	S1102-1	JACK-MICROPHONE -----	1	
	S1196-1	WASHER-OUTER -----	1	
	S1196-2	WASHER-INNER -----	1	
		MICROPHONE INSTALLATION C 337 & T337 SERIES ONLY -----	NP	
- 12	C596502-0201	MICROPHONE KIT -----	1	
	C596502-0202	MICROPHONE ASSY -----	1	
- 13	C596501-0103	MOUNTING KIT -----	1	
- 14	1513627-1	BRACKET-MICROPHONE JACK -----	1	
		ATTACHING PARTS		
- 15	AN515-8R6	SCREW -----	2	
	NAS679A08	NUT -----	2	
		-----*-----		
- 16	S1102-1	JACK-MICROPHONE -----	1	
	S1196-2	WASHER-INNER -----	1	
	S1196-1	WASHER-OUTER -----	1	
		BOOM MICROPHONE INSTALLATION D 182, P206 SERIES -----	NP	
- 17	C596503-0101	210 SERIES AND 337 SERIES ONLY		
		MICROPHONE KIT -----	1	
		ATTACHING PARTS		
- 18	1270055-1	PLATE -----	1	
- 19	NAS388-6-18F	SCREW -----	4	
- 20	NAS679A06	NUT -----	4	
		-----*-----		
- 21	S1102-1	JACK-MICROPHONE -----	1	
- 22	S1196-2	WASHER-INNER -----	1	
- 23	S1196-1	WASHER-OUTER -----	1	
- 24	0713291-1	BRACKET 182 ONLY -----	1	
- 25	1270638-1	BRACKET P206 SERIES & 210 SERIES ONLY -----	1	
- 26	PJ-068	PLUG -----	1	
NOTE				
REFER TO THE APPROPRIATE PARTS CATALOG FOR MICROPHONE BUTTON INSTALLED ON CONTROL WHEEL.				

HEADSET INSTALLATION



INSTALLATION A - ALL MODELS

Figure 4-4. Headset Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
4-4-		1 2 3 4 5 6 7		
		HEADSET INSTALLATION MODELS 182, P206 SERIES, 210 SERIES & 337 SERIES	NP	
- 1	077C039-1	HEADSET ASSY -----	1	
- 2	077C039-2	TWINSET -----	1	
- 3	077C039-3	CORD ASSY -----	1	
	S1612-1	PHONE JACK -----	1	
	560 OHM 1/2W	RESISTOR - LITTLE DEVIL OM -----	1	

SECTION V

MISCELLANEOUS ELECTRONIC EQUIPMENT

TABLE OF CONTENTS

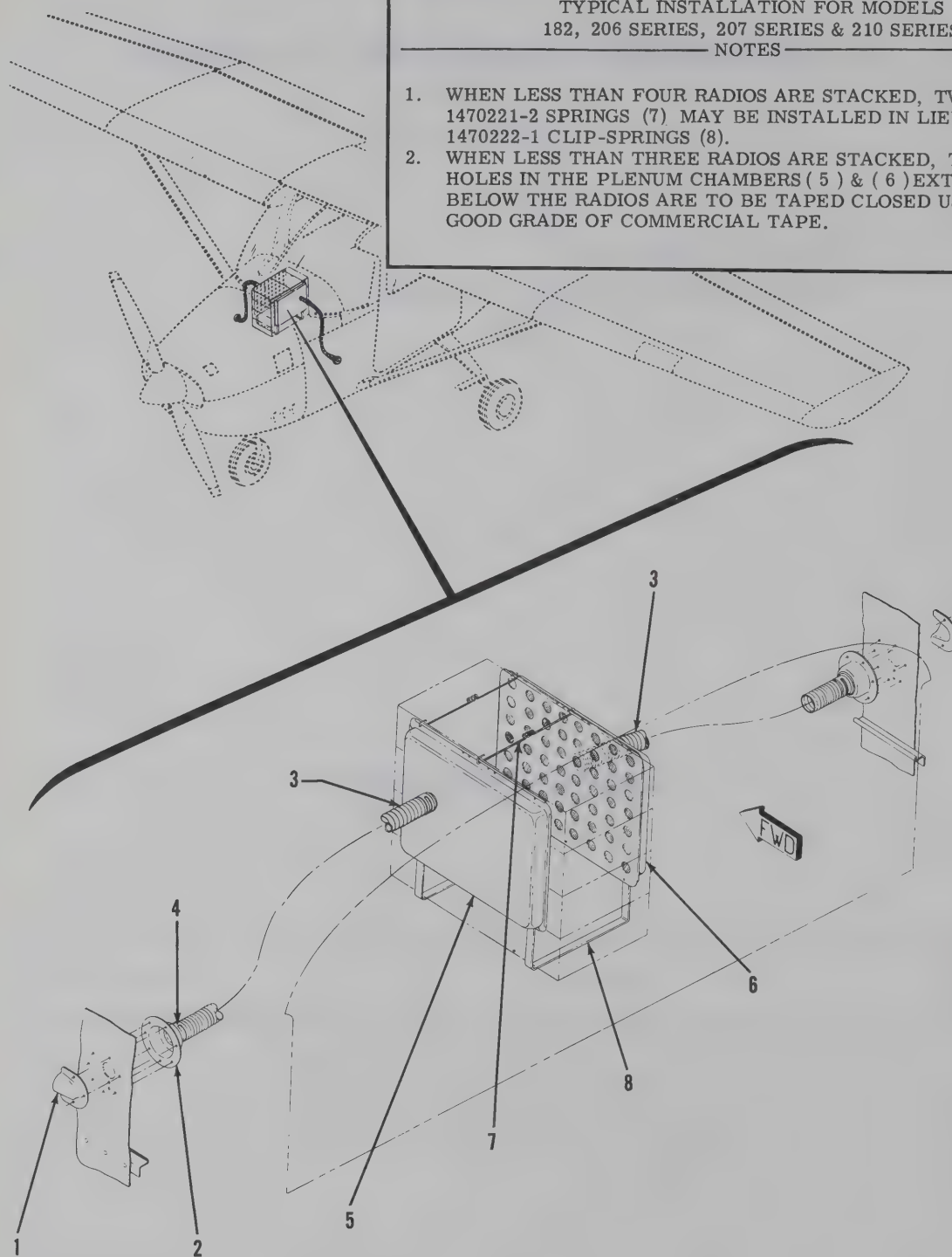
Figure	Equipment	Page
5-1	Radio Cooling Installations	5-2
5-2	Radio Noise Filter Installations	5-8
5-3	Available Accessory Kits List - See Accessory Kits Catalog	

RADIO COOLING INSTALLATIONS

TYPICAL INSTALLATION FOR MODELS 182, 206 SERIES, 207 SERIES & 210 SERIES

- NOTES

1. WHEN LESS THAN FOUR RADIOS ARE STACKED, TWO 1470221-2 SPRINGS (7) MAY BE INSTALLED IN LIEU OF THE 1470222-1 CLIP-SPRINGS (8).
2. WHEN LESS THAN THREE RADIOS ARE STACKED, THE HOLES IN THE PLENUM CHAMBERS (5) & (6) EXTENDING BELOW THE RADIOS ARE TO BE TAPED CLOSED USING A GOOD GRADE OF COMMERCIAL TAPE.



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

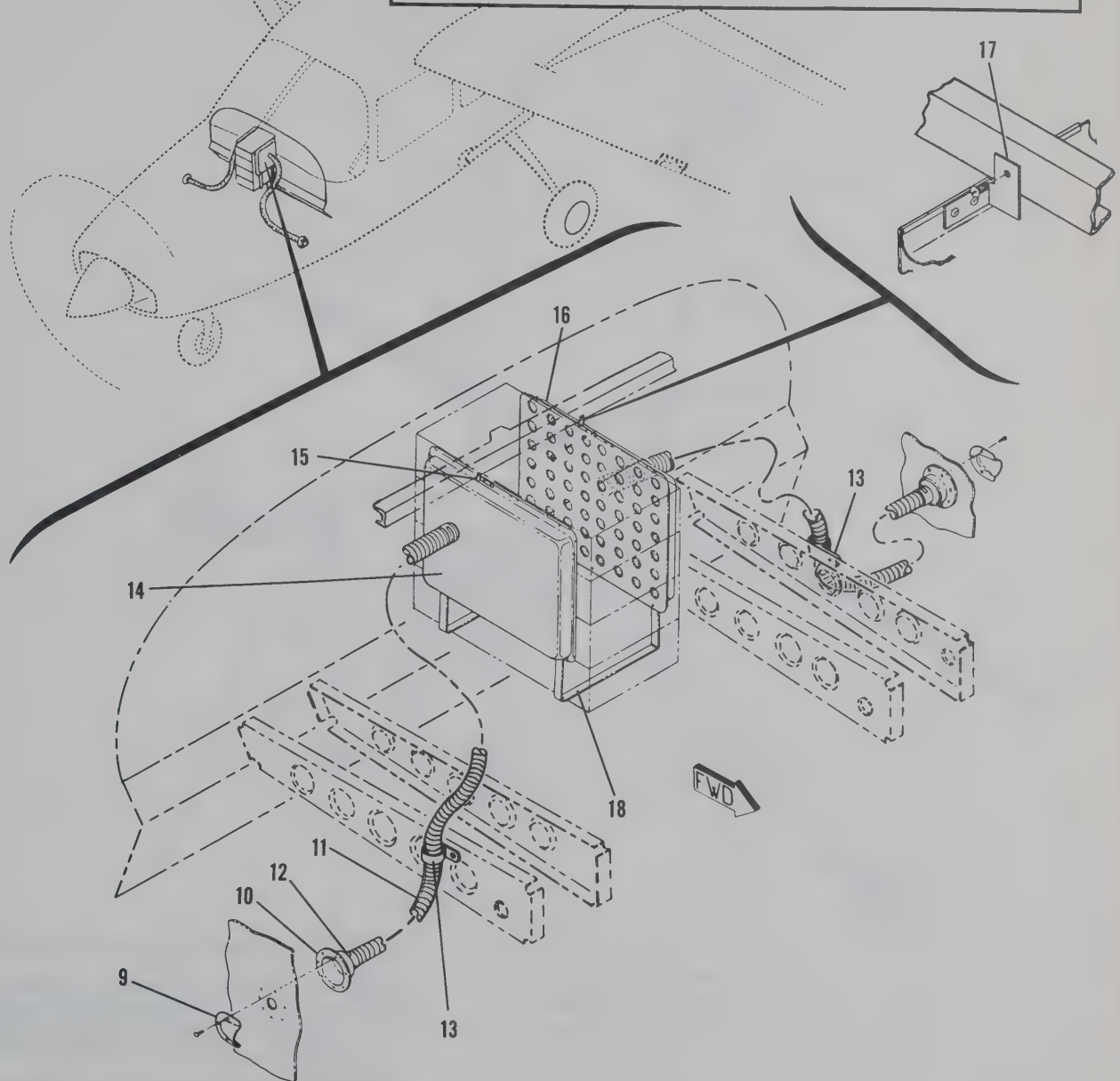
Figure 5-1. Radio Cooling Installation (Sheet 1 of 4)

RADIO COOLING INSTALLATION

MODEL 337 & T337 NON-TSO INSTALLATION ONLY

NOTES

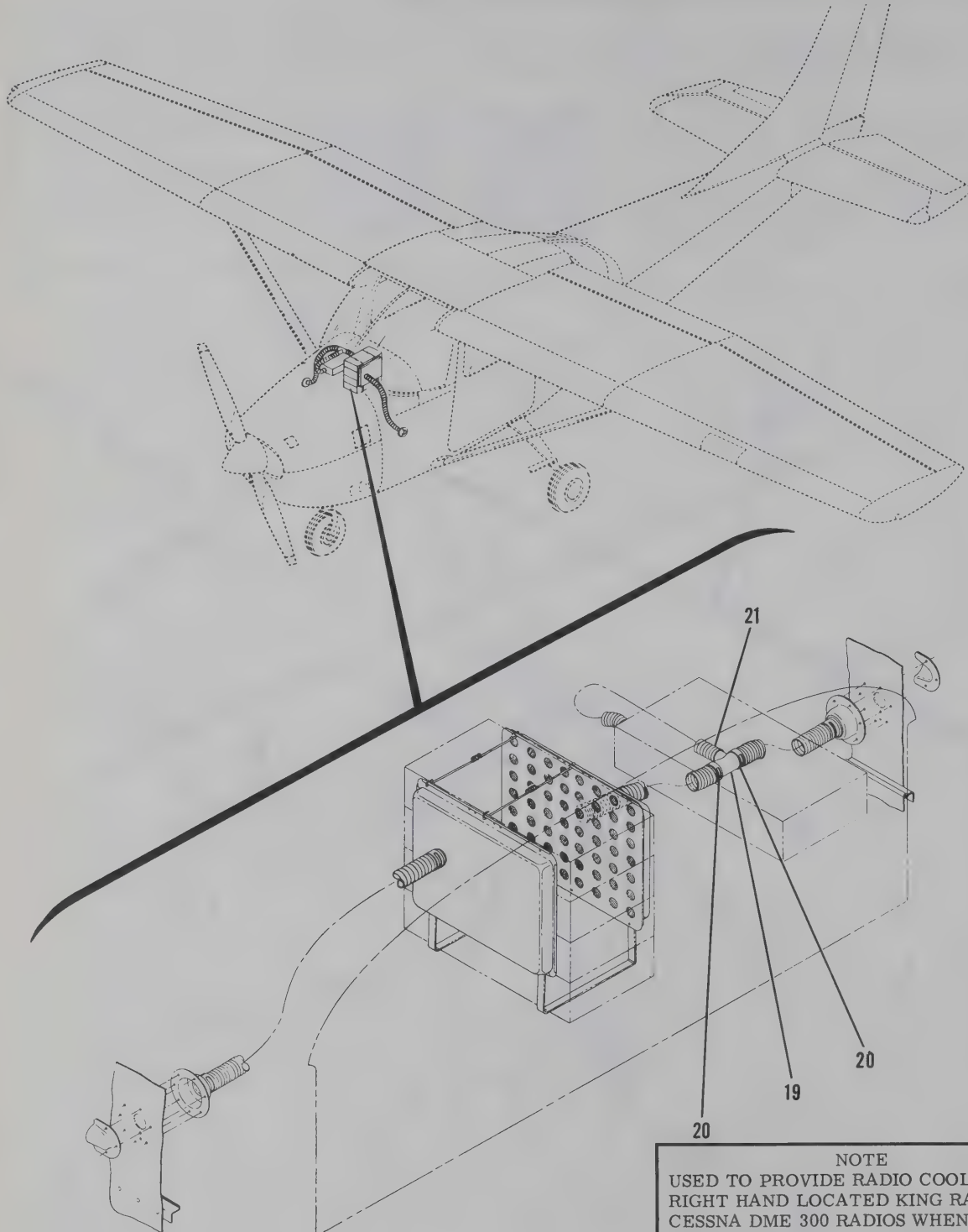
1. WHEN LESS THAN FOUR RADIOS ARE STACKED, TWO 1470221-2 SPRINGS MAY BE INSTALLED IN LIEU OF THE 1470222-1 CLIP-SPRINGS (18).
2. WHEN LESS THAN THREE RADIOS ARE STACKED, THE HOLES IN THE PLENUM CHAMBERS (14) & (16) EXTENDING BELOW THE RADIO'S ARE TO BE TAPED CLOSED USING A GOOD GRADE OF COMMERCIAL TAPE.



INSTALLATION **B** -337 & T337 ONLY

Figure 5-1. Radio Cooling Installation (Sheet 2 of 4)

RADIO COOLING INSTALLATION

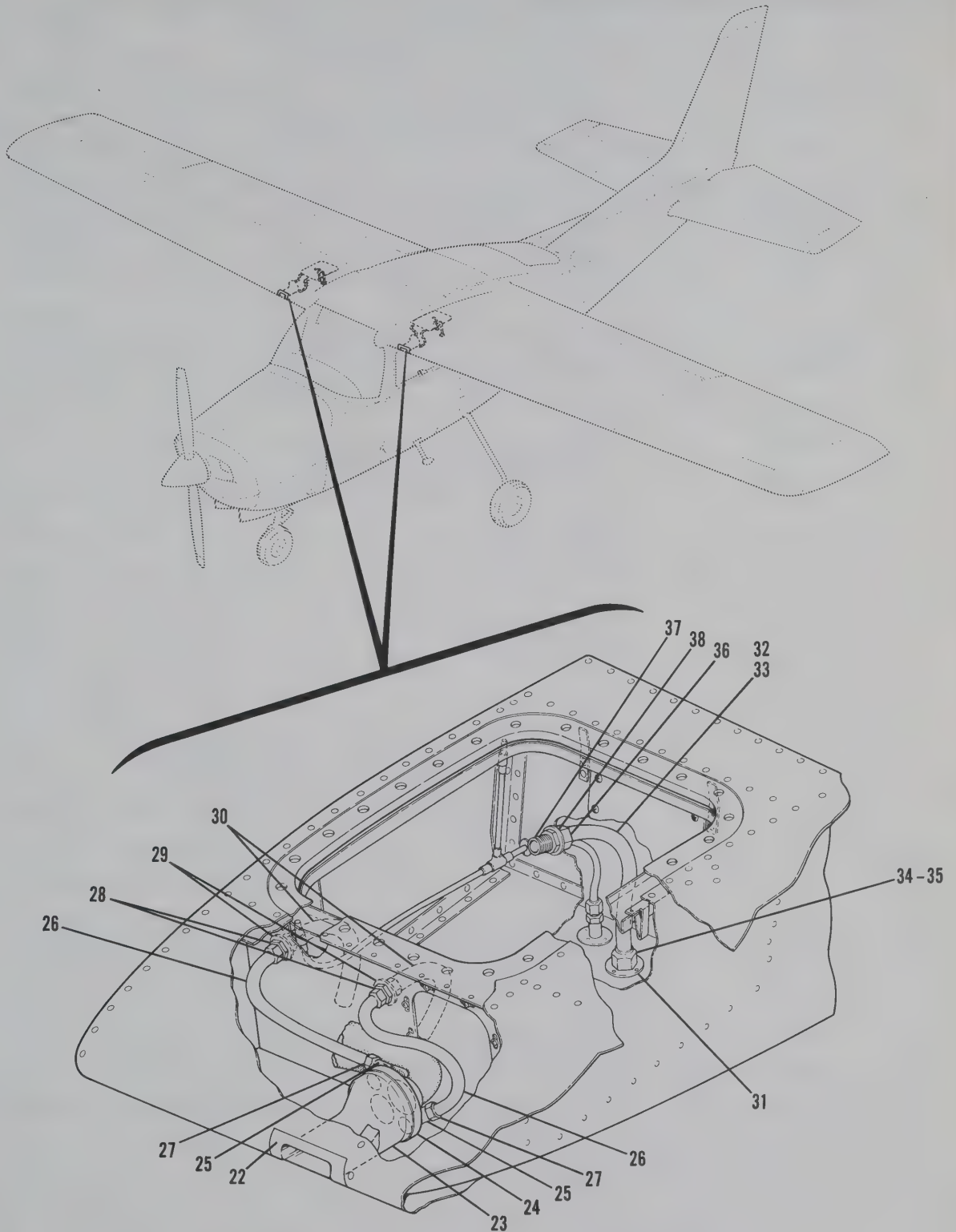


NOTE
USED TO PROVIDE RADIO COOLING FOR
RIGHT HAND LOCATED KING RADIOS OR
CESSNA DME 300 RADIOS WHEN A FULL
CENTER STACK OF RADIOS HAS BEEN
INSTALLED.

INSTALLATION **C** - ALL MODELS

Figure 5-1. Radio Cooling Installation (Sheet 3 of 4)

RADIO COOLING INSTALLATIONS



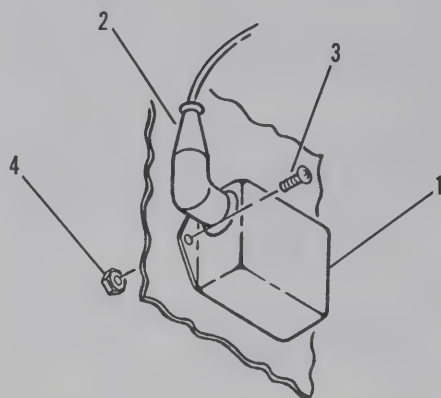
INSTALLATION **D** -1970 & ON 210 SERIES ONLY

Figure 5-1. Radio Cooling Installation (Sheet 4 of 4)

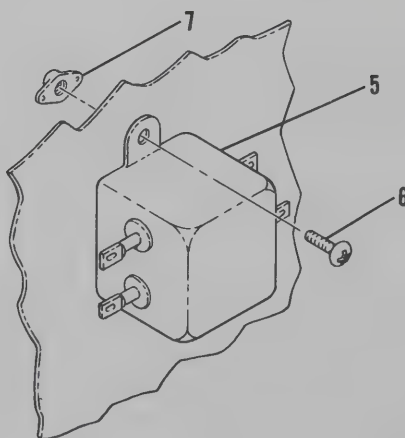
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
5-1-		RADIO COOLING INSTALLATIONS -----	NP	
		NON-TSO RADIO COOLING INSTALLATION A 182, P206 SERIES ---	NP	
		& 210 SERIES ONLY		
- 1	147C219-1	SCOOP -----	2	
- 2	077C641-1	ADAPTER ASSY -----	2	
- 3	S1053E7T	HOSE 3 FEET REQD EACH SIDE -----	6FT	
		ATTACHING PARTS		
- 4	NAS397-16	CLAMP -----	4	
		*-----		
- 5	147C220-8	PLENUM CHAMBER ASSY - L.H. -----	1	A
- 5B	057C033-1	PLENUM CHAMBER ASSY -----	2	B
- 6	147C220-1	PLENUM CHAMBER ASSY - R.H. -----	1	A
		ATTACHING PARTS		
- 7	147C221-2	SPRING -----	2	
- 8	147C222-1	CLIP -----	2	
		*-----		
		NON-TSO RADIO COOLING INSTALLATION B 337 & T337 ONLY ----	NP	
- 9	147C219-1	SCOOP -----	2	
- 10	077C641-1	ADAPTER ASSY -----	2	
- 11	S1053E7T	HOSE 3 FEET REQD EACH SIDE -----	6FT	
		ATTACHING PARTS		
- 12	NAS397-16	CLAMP -----	4	
		*-----		
- 13	AN742D16	CLAMP ONE REQD EACH SIDE -----	2	
		ATTACHING PARTS		
	AN520-10R8C	SCREW -----	2	
	NAS679A3	NUT -----	2	
		*-----		
- 14	147C220-1	PLENUM CHAMBER ASSY -----	1	
		ATTACHING PARTS		
- 15	147C220-4	SUPPORT ANGLE -----	1	
	S1021Z6-8	SCREW -----	1	
		*-----		
- 16	147C220-8	PLENUM CHAMBER ASSY -----	1	
		ATTACHING PARTS		
- 17	147C220-5	SUPPORT ANGLE -----	1	
	S1021Z6-8	SCREW -----	1	
		*-----		
- 18	147C064-1	CLIP - SPRING -----	2	
		RADIO COOLING INSTALLATION C USED ONLY TO PROVIDE -----	NP	
		RADIO COOLING FOR RIGHT HAND LOCATED KING RADIOS		
		OR CESSNA DME 300 RADIOS WHEN A FULL CENTER		
		STACK HAS BEEN INSTALLED ALL MODELS		
- 19	077C729-1	TEE ADAPTER ASSY -----	1	
		ATTACHING PARTS		
- 20	NAS397-14	CLAMP -----	2	
		*-----		
- 21	150-0038-00	DUCTING KG SUPPLIED WITH CESSNA DME 300 OR KING ---	REF	
		RADIOS ONLY		
		RADIO COOLING INSTALLATION D 1970 & ON 210 SERIES ONLY --	NP	
- 22	1221027-1	SCOOP FLANGE -----	1	
- 23	1221025-1	SCOOP -----	1	
		ATTACHING PARTS		
	AN960PD2	WASHER -----	4	
		*-----		
- 24	12C0221-1	CONNECTOR -----	1	
		ATTACHING PARTS		
	AN960PD2	WASHER -----	16	
		*-----		
	MS2C913-4D	PLUG USED ONLY WHEN OPTIONAL RADIO COOLING IS -----	2	
		NOT INSTALLED		
		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- 25	S1135-6	ELBOW -----	2	
- 26	S1071-4	TUBE -----	2	
		ATTACHING PARTS		
	S1131-4	INSERT -----	2	
- 27	S1130-4	NUT -----	2	
		-----*		
- 28	S1134-4	UNION -----	2	
		ATTACHING PARTS		
- 29	NAS549H1216	WASHER -----	2	
		-----*		
- 30	12C0406-152	TUBE ASSY -----	2	
- 31	1221251-1	FITTING -----	1	
- 32	12C0406-151	TUBE ASSY-LH WING ONLY -----	1	
- 33	12C0406-154	TUBE ASSY-RH WING ONLY -----	1	
- 34	MS20819-8D	SLEEVE -----	1	
- 35	AN818-8D	NUT -----	1	
		ATTACHING PARTS		
- 36	S1130-4	NUT -----	1	
		-----*		
- 37	S1134-4	UNION -----	1	
		ATTACHING PARTS		
- 38	NAS549H1216	WASHER -----	1	
		-----*		
		A---182 SERIAL 18259306 THRU 18260055		
		P206 SERIAL P206-0520 & ON		
		TP206 SERIAL TP2C6-0520 & ON		
		B---182 SERIAL 18260056 & ON		

RADIO NOISE FILTER INSTALLATIONS



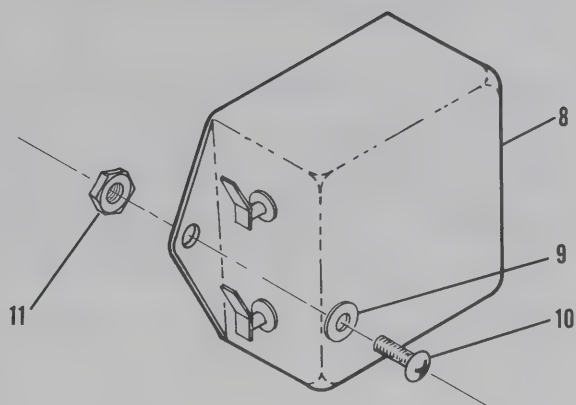
INSTALLATION **A**



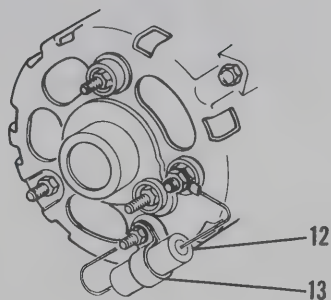
INSTALLATION **B**

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

Cessna illustrated parts catalog

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		
- 1	C770038-2	AIRCRAFT ONLY		
		CONDENSER-RADIO NOISE WIRES NOT FURNISHED -----	1	
		2 REQD FOR 337 & T337		
- 2	NAS446-4-3	NIPPLE -----	1	
		ATTACHING PARTS		
- 3	AN515-8R8	SCREW -----	2	
- 4	NAS679A08	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	AN560-8L	WASHER -----	2	A
- 10	050C062	SCREW -----	2	A
- 11	NAS679A08	NUT 210 SERIES ONLY -----	2	A
		---*---		
		INSTALLATION D ALTERNATOR FILTER -----	NP	
- 12	1250209-1	NOISE FILTER ASSY ALTERNATOR WHEN EXHAUSTED USE ---	1	
		S1915-1		
	S1915-1	CAPACITOR-ALTERNATOR FILTER -----	1	
		ATTACHING PARTS		
- 13	AN742D12	CLAMP USED WITH 1250209-1 ONLY -----	1	
		---*---		
		A---182 SERIAL 18259306 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 F337C0001 THRU F33700013		
		T337 SERIAL T337-0979 THRU T33701271		
		FT337 SERIAL FT33700001 THRU FT33700013		

SECTION VI

ELECTRONIC LOADING CHARTS

TABLE OF CONTENTS

Figure	Equipment	Page
6-1	Electronic Loading Chart - Model 182 Only	6-2
6-2	Electronic Loading Chart - Model P206 Series Only	6-4
6-3	Electronic Loading Chart - 1969 Model 210 Series Only	6-5
6-4	Electronic Loading Chart - 1970 & On Model 210 Series Only	

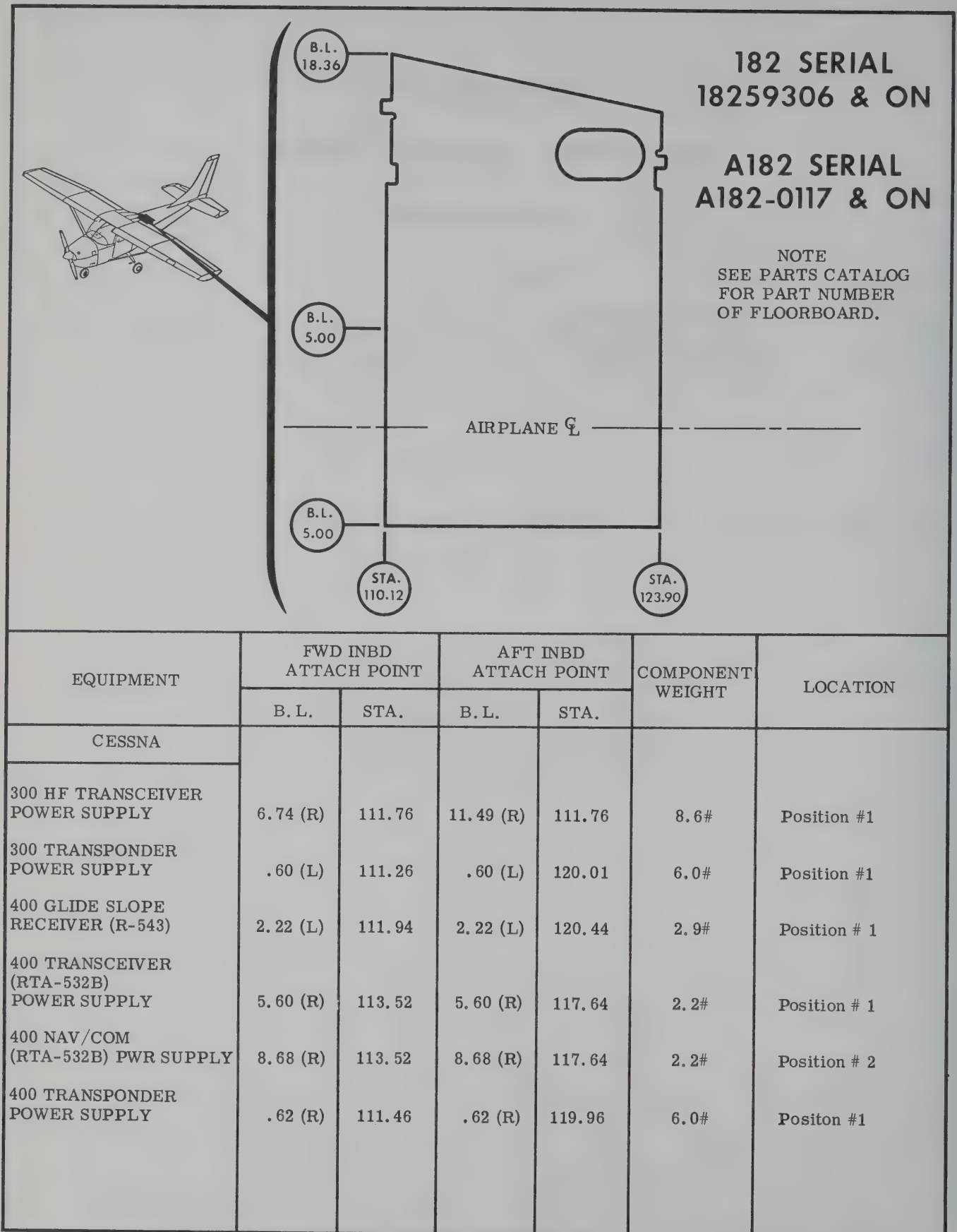


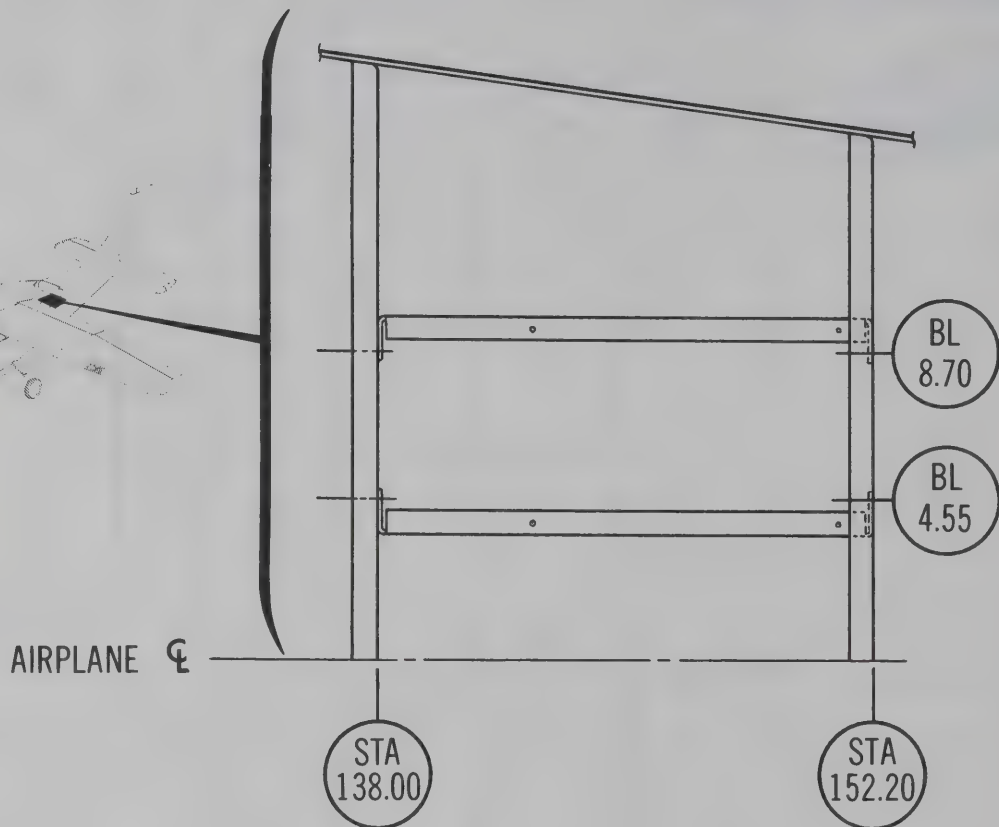
Figure 6-1. Electronic Loading Chart - Model 182 - Standard Locations (Sheet 1 of 2)

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

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

**P206 SERIAL P206-0520 & ON
TP206 SERIAL TP206-0520 & ON**



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 6-2. Electronic Loading Chart - Model 206 Series - RH Auxiliary Locations

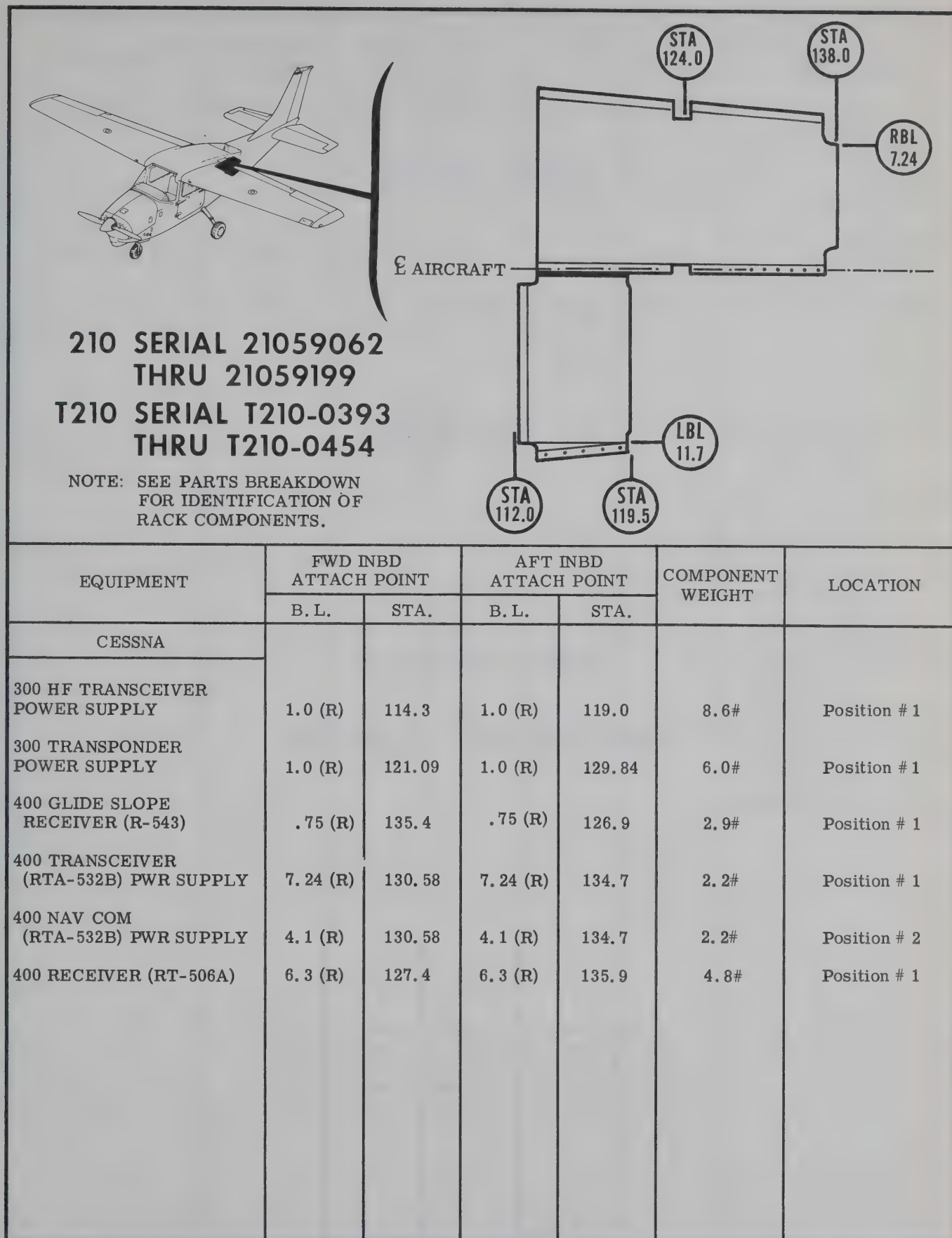


Figure 6-3. Electronic Loading Chart - Model 210 Series - Standard Locations (Sheet 1 of 2)

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 6-3. Electronic Loading Chart - Model 210 Series - Standard Locations (Sheet 2 of 2)

THE RADIO DIAGRAMS ARE DIVIDED INTO MODELS AS FOLLOWS:

THUMB INDEX

SECTION VII

ELECTRONIC WIRING DIAGRAMS

MODEL 182
MODEL A182

MODEL P206
MODEL TP206

MODEL 210
MODEL T210
1969 MODELS ONLY

MODEL 210
MODEL T210
1970 MODELS & ON

MODEL 337
MODEL T337
MODEL F337
MODEL FT337

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").

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	8-16-68	NC
2.0.3	S.D. -Audio Junction Box, Internal Wiring	3-7-69	NC
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 & IN514	8-16-68	NC
2.3.1.5	Cessna 300 Nav/Com (Type 540A, 517R with IN525A & IN514)	8-6-68	NC
2.4.2	Cessna 300 Marker Beacon (Type 502B)	8-16-68	NC
2.6.1.1	W.D. -Audio Selector Switch	9-5-68	A
2.6.2.1	W.D. -Omni Audio Transmitter Switch	7-9-68	NC
2.6.3.1	W.D. -Transmitter Selector Switch	10-28-69	A
2.6.4	Typical Switching-Narco Mark 12 & ADF	1-28-64	NC
2.6.8.1	W.D. -Typical Switching, Narco Mark 12A & ADF	12-5-68	NC
2.7.3	Cessna Com 300 (ARC Type 524A)	8-16-68	NC
2.12	W.D. -Cessna ADF 300 (ARC Type 521B)	8-16-68	B
2.20.1	W.D. -Cessna DME 300	8-16-68	B
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
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)	12-20-67	A
2.39.1	W.D. -Cessna 400 Glideslope (ARC Type R-543B)	12-20-67	A
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 RT-522 & RT-532A)	10-28-69	C
2.41.3.1	W.D. -Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	10-28-69	C



TITLE: RADIO WIRING DIAGRAMS
MODEL 182

DRAWING NO.

DATE: 15 December 1969

PAGE: 1 of 3

0770750

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

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.41.3.2	W.D. -Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	10-28-69	A-Inac
2.41.4	W.D. -Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	10-28-69	A-Inac
2.44.1	W.D. -Mike Key - Control Wheel	8-25-69	B-Inac
2.44.2	W.D. -Mike Key - Control Wheel Mounted	8-25-69	NC
2.44.3	W.D. -Mike Key - Control Wheel Mounted	8-25-69	NC
2.45.1.0	Cessna 300 HF (Type PT10-A)	7-9-68	A
2.45.1.1	Cessna 300 HF Type PT10-A	7-9-68	A
2.45.1.3	W.D. - Cessna 300 HF (Type PT10-A)	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)	9-5-68	A
2.51.1	W.D. - Narco Mark 12B W/VOA-40 Ind.	8-20-69	NC
2.51.2	W.D. - Narco Mark 12B W/VOA-40 Ind.	8-20-69	NC
2.52.1	W.D. - Narco Mark 12B W/VOA-50M Ind.	8-20-69	NC
2.52.2	W.D. - Narco Mark 12B W/VOA-50M Ind.	8-20-69	NC
2.52.3	W.D. - Narco Mark 12B W/VOA-50M Ind.	8-20-69	NC
2.53.1	W.D. - Cessna 300 Marker Beacon (ARC Type No. R-502E) with VOA-50M Ind.	8-20-69	NC
2.53.2	W.D. - Cessna 300 Marker Beacon (ARC Type No. R-502B) with VOA-50M Ind.	8-20-69	NC
2.54.1	W.D. - UGR-2 Glide Slope W/Narco Mark 12B & VOA-50M	8-20-69	NC
2.54.2	W.D. - UGR-2 Glide Slope W/Narco Mark 12B & VOA-50M	8-20-69	NC
2.55.1	W.D. - Sunair SSB HF (ASB-12B)	9-12-69	NC
2.55.2	W.D. - Sunair SSB HF (ASB-12B)	9-12-69	NC



TITLE: RADIO WIRING DIAGRAMS
MODEL 182

DRAWING NO.

DATE: 15 December 1969

PAGE: 2 of 3

0770750

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

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	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

Cessna.

TITLE: RADIO WIRING DIAGRAMS
MODEL 182

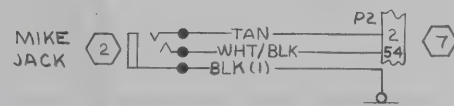
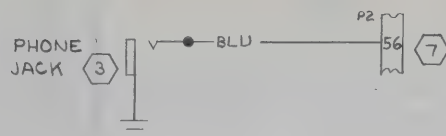
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DATE: 15 December 1969

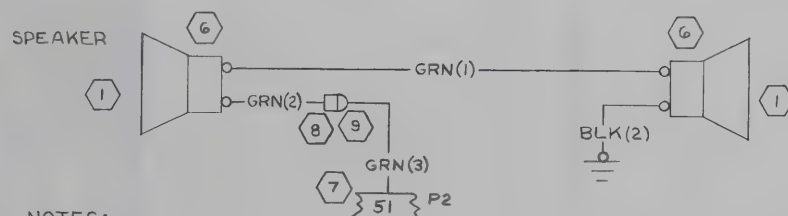
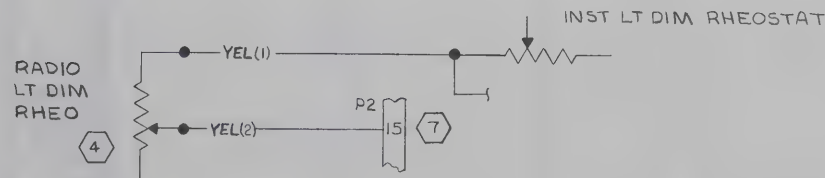
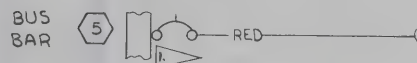
PAGE: 3 of 3

0770750

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



SINGLE XCUR INSTL ONLY



NOTES:

1. AMP RATING OF S-1360 CKT BKR TO BE DETERMINED BY INSTL
2. S-1635-1 PIN + S-1637-1 HOUSING-CAP
3. WIRES TO BE OF SUFFICIENT LENGTH TO ALLOW CONNECTION TO ALL POSSIBLE RADIO COMBINATION TERMINALS TO ATTACH TO WIRES AS REQD BY THE VARIOUS RADIO INSTALLATIONS

TO MIKE JACK
 TAN TO XMTR SEL SW (TAN/RED WIRE)
 WHT/BLK
 BLK(1)

INST LT DIM RHEOSTAT

ITEM NO.	PART NO.	DESCRIPTION
9	S-1637-2	HOUSING - PLUG
8	S-1637-1	HOUSING - CAP
7	S-1838-1	HOUSING
6	S-1829-1	TERMINAL
5	S-1360	CIRCUIT BKR
4	0413126-5	RHEOSTAT
3	S-1612-1	PHONE JACK
2	S-1102-1	MIKE JACK
1	C596305-0101	SPEAKER

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

SUPERSEDES:
 P 2.0.1
 SUPERSEDED BY:
 P 2.0.4 & P 2.0.5

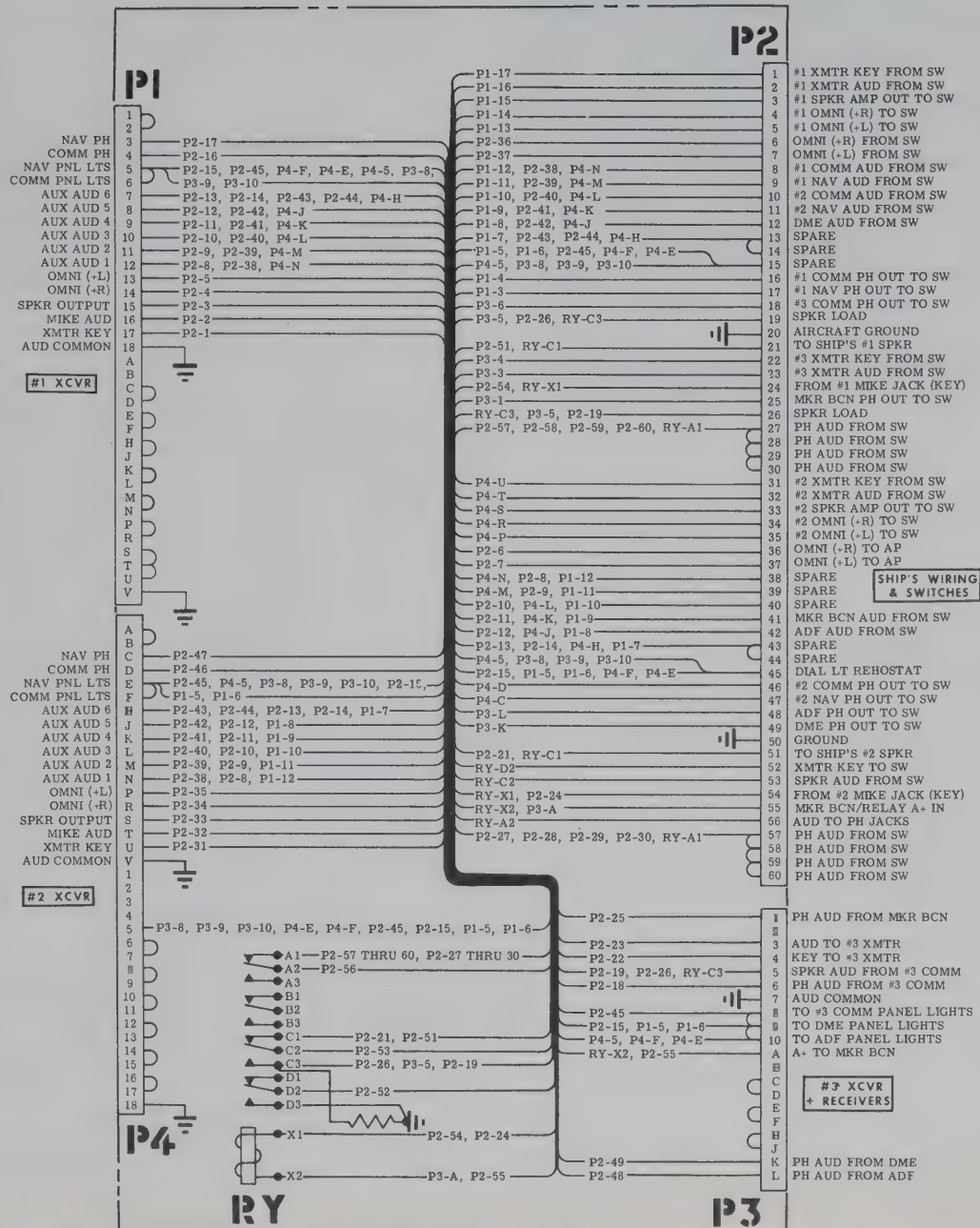
WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
GRN(3)	20	-20-5	S-1837-1	S-1636-1	
WHT/BLK	22	-22-9-0	S-1837-1	SOLDER	
TAN	22	-22-10	S-1837-1	SOLDER	
RED	16	-16-2	S-1837-1	SOLDER	
BLUE	22	-22-6	S-1837-1	SOLDER	
YEL(2)	18	-18-4	SOLDER	S-1837-1	
YEL(1)	18	-18-4	SOLDER	S-1837-1	
GRN(2)	20	-20-5	S-1635-1	S-1829-1	
GRN(1)	20	-20-5	S-1829-1	S-1829-1	
BLK(2)	22	-22-0	S-1829-1	S-1367-1-B	
BLK(1)	22	-22-0	S-1829-1	SOLDER	

WIRE TABLE

CONTRACT NO:		NAME		DATE
DESIGN	SIPR SVR	6/7/68		
GROUP	H Wrv	8/9/68		
DRAWN	SCRAPER	7/30/68		
CHECK	HARRIS	8-1-68		
STRESS	WILLIAMS	8-6-68		
PROJECT	W. H. H.	8-2-68		
APPD	MDS	8-1-68		

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE WIRING DIAGRAM - RADIO SPEAKER, PHONE JACK, MIKE, LIGHT RHEO. & PWR CKTS			
SIZE C	CODE IDENT. 71379	DWG NO. 0770750	
SCALE: NONE		182	PAGE: 2.0.2

INACTIVE:
 EFF SER 18259306
 THRU SER 18260055
 ED & RR 10532-69
 W. H. H.



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: 465195-2 WAS 46195-2; ADD NOTE 8 EDRR 24170	DGP 5-1-69	ELY

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:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	NAME	DATE	TITLE		
DRAWN	NUCKOLLS	2-7-69	SCHEMATIC DIAGRAM - AUDIO		
CHECK			JUNCTION BOX, INTERNAL		
STRESS			WIRING		
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	0770750
SCALE: NONE			182		PAGE: 2.03

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	APPD

WHT/BLK	22	22-9-0	S-1837-1	SOLDER		
TAN	22	-22-10	S-1837-1	SOLDER		
RED	16	-16-2	2	S-1367-26		
BLU	22	-22-6	S-1837-1	SOLDER		
YEL(2)	18	-18-4	SOLDER	S-1829-1		

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	C596505-0101	SPEAKER	
1	1570166-1	DIMMING ASSY	

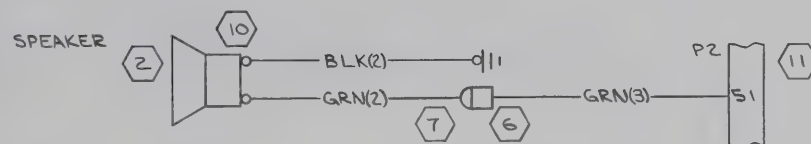
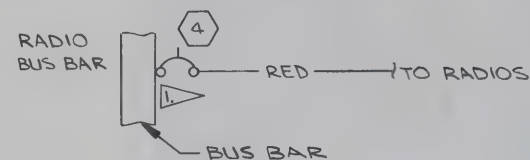
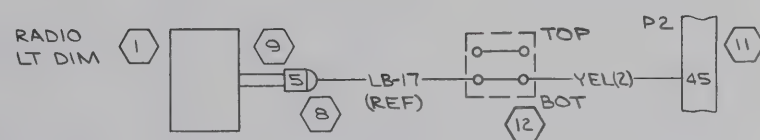
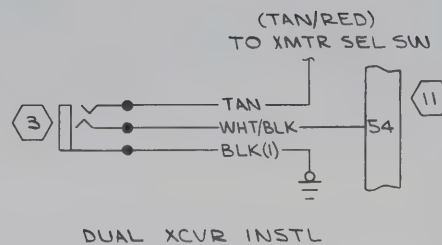
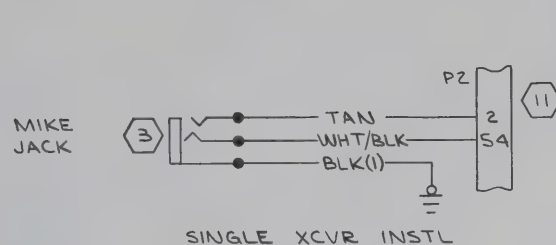
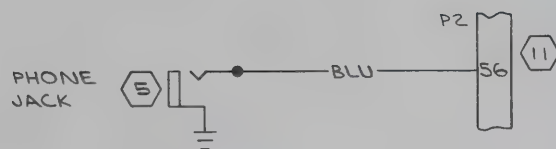
ITEM NO.	PART NO.	DESCRIPTION	VENDOR

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

SUPERSEDES:
P 2.0.2
SUPERSEDED BY:

WIRE TABLE		CONTRACT NO:		Cessna. AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	H WISE	DATE	7-18-69	TITLE			
GROUP	H. Wise	DATE	7-18-69	WIRING DIAGRAM -			
DRAWN	D.L. BURKE	DATE	6-12-69	RADIO SPEAKER, PHONE JACK,			
CHECK	E. YOUNGERS	DATE	6-24-69	MIKE, LIGHT DIM & PWR CKTS			
STRESS	W. D. A. L. F.	DATE	7-17-69				
PROJ	H. H. Carter	DATE	7-21-69	SIZE	CODE IDENT. NO.	DWG NO	
APPD	M. J. Dwyer	DATE	7-16-69	C	71379	0770750	
OTHER				SCALE: NONE	182	PAGE: 2.0.4	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	W. W. G. D.	7-18-69	TITLE		
DRAWN	D. L. BURKE	6-12-69	WIRING DIAGRAM -		
CHECK	R. YOUNGERS	6-24-69	RADIO SPEAKER, PHONE JACK,		
STRESS	W. C. DALE	7-17-69	MIKE, LIGHT DIM & PWR CKTS		
PROJECT	W. W. G. D.	7-21-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	W. W. G. D.	8-16-69	C	71379	0770750
SUPERSEDES	P 2.0.2		SCALE: NONE		PAGE: 2.0.5

1. CESSNA 300 NAV/COM AMPLIFIERS ARE OPERATED "ALWAYS HOT" SPKR OUTPUTS FROM EACH SYSTEM DRIVE EITHER 5Ω IO WATT DUMMY LOAD OR THE SPKR AS DETERMINED BY TRANSMITTER SELECTED

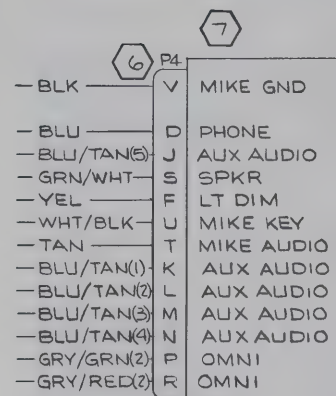
REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD 32604-0000 ED ERR 10420	DLB 3-10-88	JWH mo wes HJW NAB

[illegible]

12	32604-0000	PLUG	2.3.0
11	36120-1114	XCVR (TYPE 517R)	3.24
10	31640-0000	IND (TYPE IN-514)	3.24 & 3.26
9	32350-0000	IND (TYPE IN-525A)	3.26
8	18397	CONNECTOR	2.3.0
7	0570084-1	JUNCTION BOX	7.15
6	5-1838-2	CONNECTOR	2.3.0
5	29752	CONNECTOR	2.3.0
4	29753	CONNECTOR	2.3.0
3	5-1360-15	CIRCUIT BREAKER	3.24 & 3.26
2	29747-0026	CONNECTOR	2.3.0
1	37600-1114	XCVR (TYPE 540A)	3.26

ITEM NO.	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: P23.1.0 P23.1.2 SUPERSEDED BY:	

CONTRACT NO:			WIRE TABLE  CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	SIPES VR	6/17/68	TITLE	WIRING DIAGRAM -	
GROUP	H. Wier	8-19-68	CESSNA 300 NAV/COM (TYPE		
DRAWN	SCRAPER	7-30-68	340A, 517R WITH IN525A & IN-514)		
CHECK	HARRIS	8-1-68	SIZE	CODE IDENT. NO.	DWG NO.
STRESS	ASHNER	8-4-68	C	71379	0770750
PROJECT	1-21-68		SCALE: NONE	182	PAGE: 2.3.1.4
APPD	MDS	8-1-68			



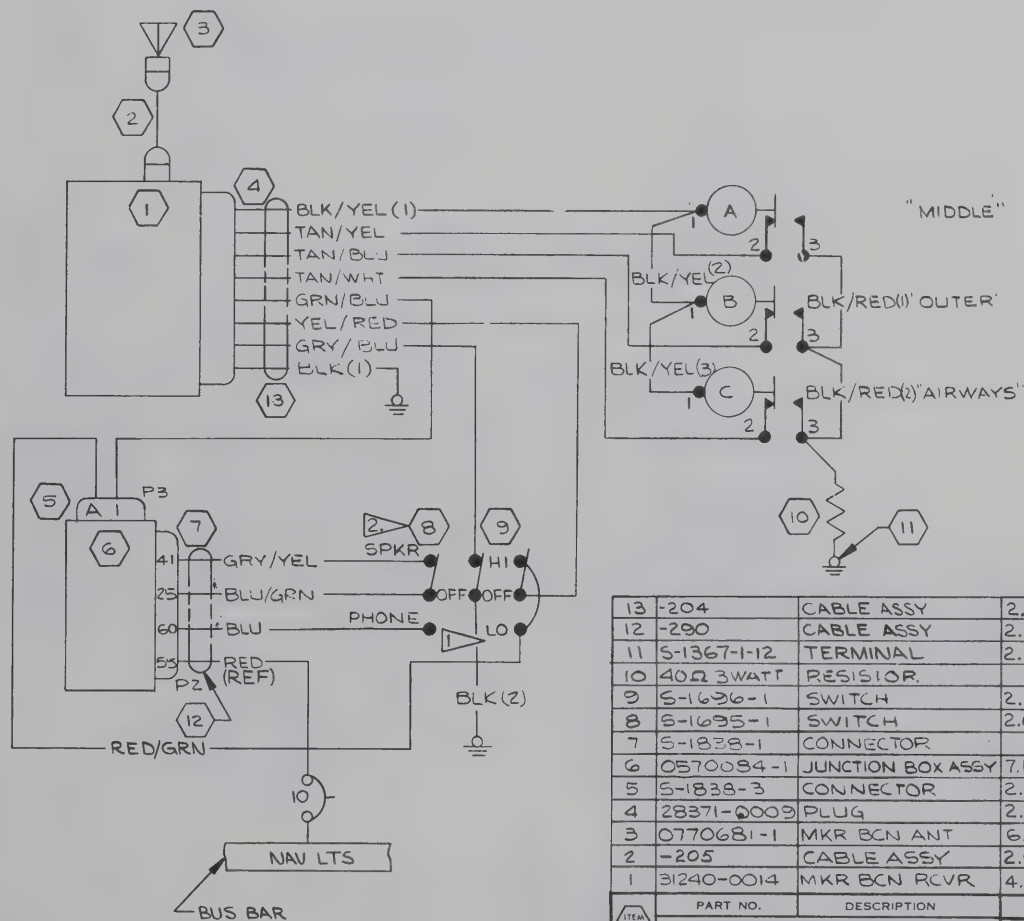
A	MC-A
B	MC-B
D	MC-D
E	MC-E
F	FREQ COMMON
C	MC-C
M	$\frac{1}{10}$ A
H	$\frac{1}{10}$ B
R	GND
J	$\frac{1}{10}$ C
K	$\frac{1}{10}$ D
N	OFF/ON CONTROL
P	G.S. LV +
L	$\frac{1}{10}$ E

[illegible]

ITEM NO.	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:	P2.3.1.1 P2.3.1.3
		SUPERSEDED BY:	

▷ "PHONE" & "LO" FUNCTION TO BE ON KEY WAY SIDE OF SW

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD RED WIRE (REF), PIN A, 10 AMP CKT BKR, BUS BAR, S-1367-112, -290, -204 & NOTE 2 ; PIN 41 WAS PIN 10; PIN 60 WAS PIN 28; RELOCATE RED/GRN WIRE ED&RR 10387	DLB 2-17-69	WJW mcs WCD JFW JDA KMC



13	-204	CABLE ASSY	2.4.0
12	-290	CABLE ASSY	2.4.0
11	5-1367-1-12	TERMINAL	2.4.0
10	40Q 3WAT	RESISTOR	
9	5-1636-1	SWITCH	2.4.0
8	5-1635-1	SWITCH	2.6.0.1
7	5-1838-1	CONNECTOR	
6	0570084-1	JUNCTION BOX ASSY	7.15
5	5-1838-3	CONNECTOR	2.4.0
4	28371-0009	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

ITEM NO.	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.

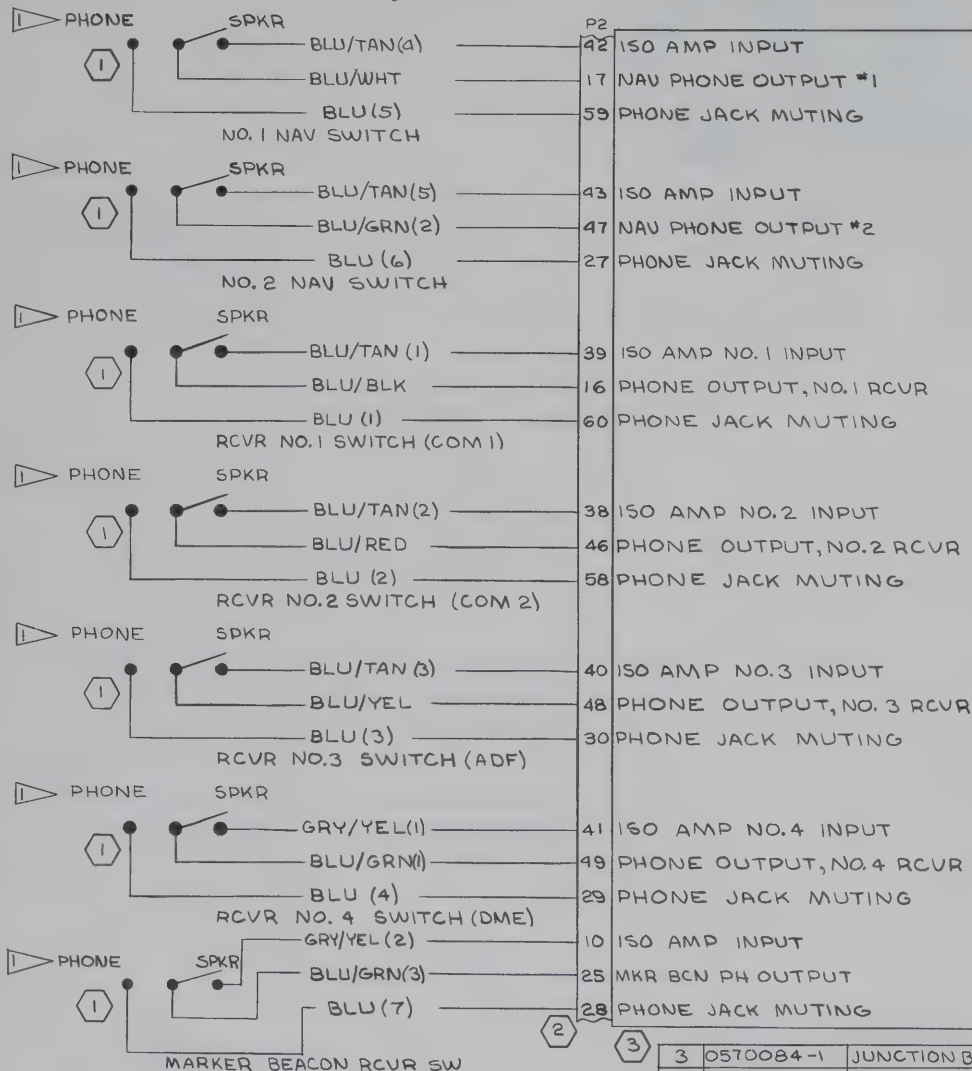
SUPERSEDES: P. 2.4.1

BLK/RED(2)	22	-22-0-2	SOLDER	SOLDER	
BLK/RED(1)	22	-22-0-4	SOLDER	SOLDER	
YEL/YEL	20	-20-4-2	SOLDER	SOLDER	
TAN/YEL	22	-22-10-4		SOLDER	
TAN/WHT	22	-22-10-3		SOLDER	
TAN/BLU	22	-22-10-6		SOLDER	
RED/GRN	22	-22-2-5		S-1837-1	
GRY/YEL	22	-22-8-4		S-1837-1	
GRY/BLU	22	-22-8-6		SOLDER	
GRN/BLU	20	-20-5-6		S-1837-1	
BLU/GRN	22	-22-6-5		S-1837-1	
BLU	22	-22-6		S-1837-1	
BLK/YEL(3)	22	-22-0-4		SOLDER	
BLK/YEL(2)	22	-22-0-4		SOLDER	
BLK/YEL(1)	22	-22-0-4		SOLDER	
BLK (2)	22	-22-0	SOLDER	S-1567-1-2	
BLK (1)	22	-22-0	SOLDER	S-1567-1-8	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO:			WIRE TABLE		
			COMMERCIAL AIRCRAFT DIV 5800 E. PAWNEE WICHITA, KANSAS		
	NAME	DATE	Cessna AIRCRAFT CO.		
DESIGN	SIPES YR	6/7/68	TITLE		
GROUP	H. Wied	8-19-68	WIRING DIAGRAM -		
DRAWN	SCRAPER	7-30-68	CESSNA 300 MARKER BEACON		
CHECK	HARRIS	8-1-68	(TYPE 502B)		
STRESS	ASHCR	8-6-68			
PROJECT	Edlin	8-21-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	MDS	8-1-68	C	71379	0770750
			SCALE: NONE	182	PAGE: 2.4.2

NOTES:

1 SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH



REVISION			
LET	DESCRIPTION	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	LES 8-26-68	JWA H/MS ALA H/MS
(SR5852) II			

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

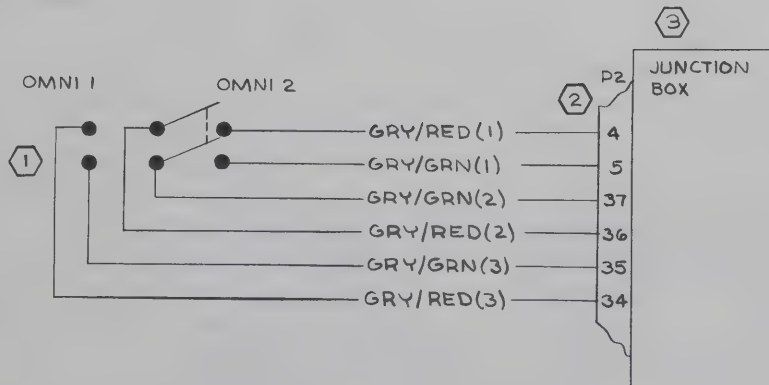
WIRE TABLE			
CONTRACT NO:	NAME	DATE	TITLE
	DESIGN	GROUP	DRAWN
	CHECK	STRESS	PROJECT
	APPD		
SIZE	CODE IDENT.	DWG NO.	
C	71379	0770750	
SCALE: NONE	182	PAGE: 2.6.1.1	

3	0570084-1	JUNCTION BOX ASSY	7.15
2	S-1838-1	HOUSING	
1	S-1695-2	SWITCH	2.6.0.1
ITEM NO.	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: P2.6.1			
SUPERSEDED BY:			

NOTES:

- 1 OMNI 2 FUNCTION TO BE ON KEYWAY SIDE OF SWITCH

REVISION			
LET	DESCRIPTION	DATE	APPD



OMNI SELECTOR SWITCH 1

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

PART NO.	DESCRIPTION
3	0570084-1 JUNCTION BOX ASSY
2	S-1838-1 CONNECTOR
1	S-1696-1 SWITCH

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 2.6.2

SUPERSEDED BY:

CONTRACT NO:

DESIGN	NAME	DATE
GROUP	SIPE'S VR	4/3/68
DRAWN	N. W. 26	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

WIRE TABLE

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

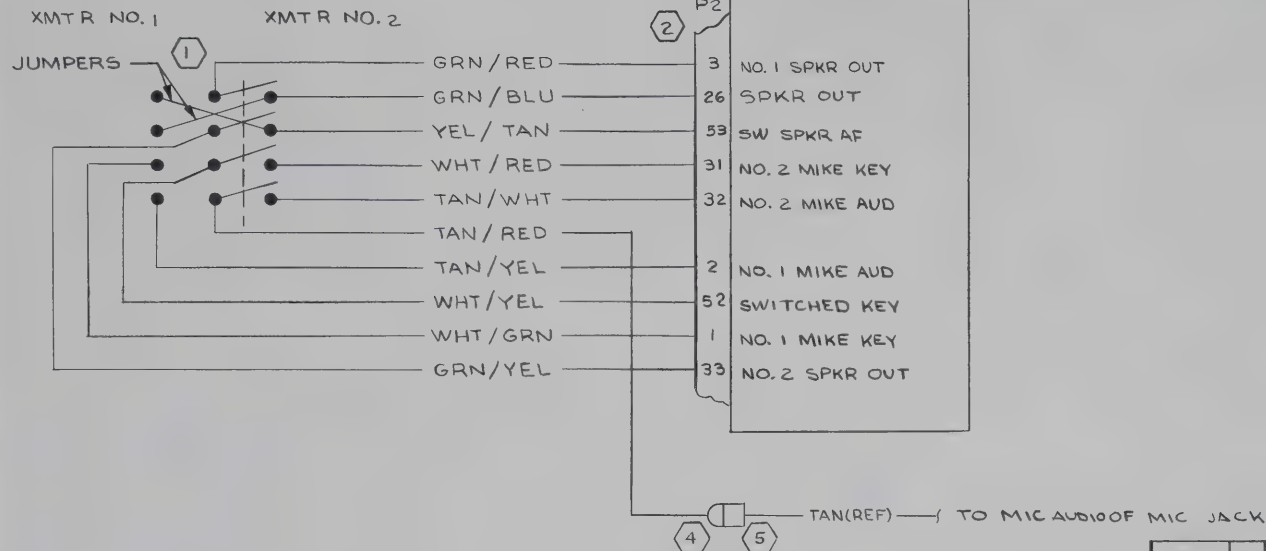
Cessna AIRCRAFT CO.

TITLE

WIRING DIAGRAM -
OMNI AUDIO TRANSMITTER
SWITCH

SIZE CODE IDENT. DWG NO.
C 71379 0770750

SCALE: NONE 182 PAGE: 2.6.2.1



REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: XMTR 1 WAS XMTR 2, XMTR 2 WAS XMTR 1, NO. 2 MIKE KEY WAS XMTR NO. 1 KEY, NO. 2 MIKE AUD WAS XMTR NO. 1 MIKE AUD, NO. 1 MIKE AUD WAS XMTR NO. 2 AUD, NO. 1 MIKE KEY WAS XMTR NO. 2 MIKE KEY, S-1635-1 WAS S-1837-1 & ADD S-1637-1, S-1637-2, TAN(REF)	J.D.R. 10/20/68	JWH MTZ H/LW

NOTES:

- TRANSMITTER NO. 1 IS ON KEYWAY SIDE OF SWITCH

5	S-1637-2	HOUSING-PLUG
4	S-1637-1	HOUSING-CAP
3	0570084-1	JUNCTION BOX ASSY
2	S-1831-1	CONNECTOR
1	S-1697-1	SWITCH

ITEM NO.	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: P2.6.3

SUPERSEDED BY:

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL/TAN 20	20-4-10	SOLDER		S-1837-1	
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			S-1837-1	
TAN/RED 22	22-10-2			S-1635-1	
GRN/YEL 20	20-5-4			S-1837-1	
GRN/RED 20	20-5-2			S-1837-1	
GRN/BLU 20	20-5-6	SOLDER		S-1837-1	

CONTRACT NO:

NAME	DATE
DESIGN	SIPFS VR 6/3/68
GROUP	H. W. 7-3-68
DRAWN	SCRAPER 6-25-68
CHECK	G. IRVIN 6-28-68
STRESS	K. F. GEIDE 1-1-68

PROJECT	1-1-68
APPD	SWANEY 6-28-68

WIRE TABLE

Cessna Aircraft Co.

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

TITLE
**WIRING DIAGRAM -
TRANSMITTER SELECTOR
SWITCH**

SIZE	CODE IDENT. NO.	DWG NO.
C	71379	0770750

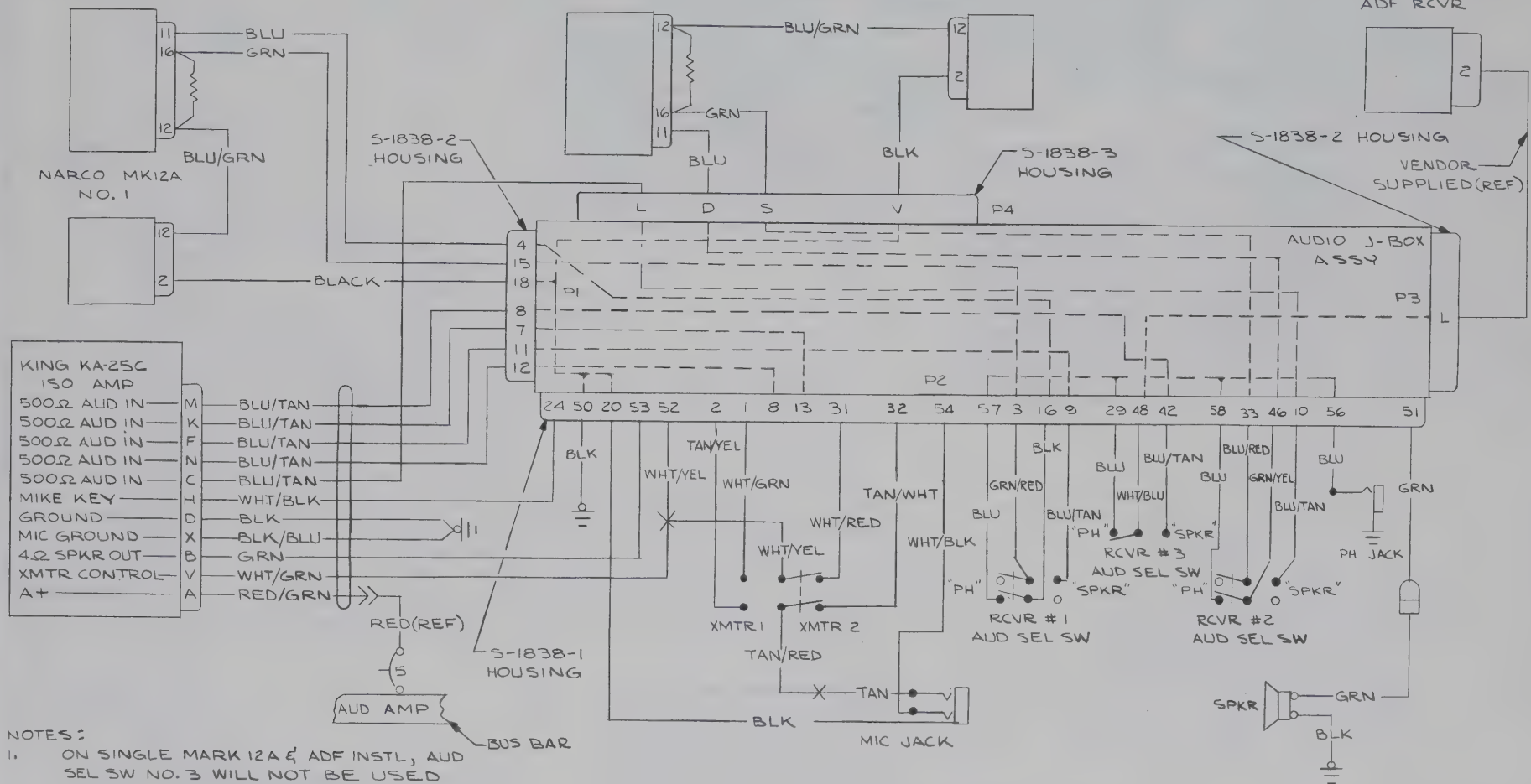
SCALE: NONE 182 PAGE: 2.6.3.1

NARCO MARK 12A
POWER SUPPLY
NO. 1

NARCO MARK 12A
POWER SUPPLY
NO. 2

NARCO MK12A
NO. 2

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



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 0770750 PAGE 2.36.2 FOR KING KA-25C ISOLATION AMPLIFIER WIRING DIAGRAM

CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	HENSHAW	DATE	12-3-68
GROUP	H. W. H.	DATE	12-5-68
DRAWN	HENSHAW	DATE	12-3-68
CHECK	HARRIS	DATE	12-3-68
STRESS			
PROJECT	W. H. H.	SIZE	C
APPD		CODE IDENT.	71379
SUPERSEDES: P. 2.6.8		DWG NO.	0770750
		SCALE: NONE	182
		PAGE: 2.6.8.1	

REVISION			
LET	DESCRIPTION	DATE	APPD

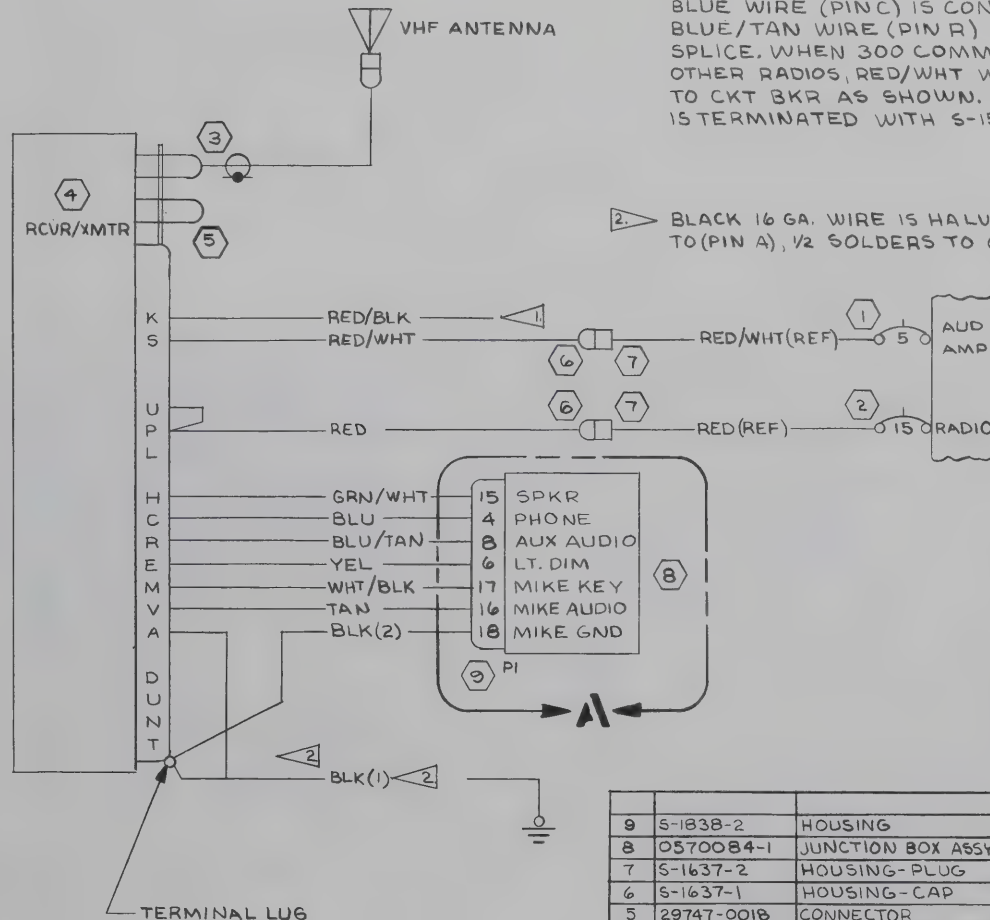
NOTES:

1. ON SINGLE CESSNA COMM INSTL, RED/BLK WIRE (PIN K) IS CONNECTED TO RED/WHT WIRE (PIN S) WITH AN S-1370-1 SPLICE, & BLUE WIRE (PIN C) IS CONNECTED TO BLUE/TAN WIRE (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.

2. BLACK 16 GA. WIRE IS HALVED, 1/2 SOLDERS TO (PIN A), 1/2 SOLDERS TO GND LUG

← GRN/WHT	S	SPKR
← BLU	D	PHONE
← BLU/TAN	J	AUX AUDIO
← YEL	F	LT DIM
← WHT/BLK	U	MIKE KEY
← TAN	T	MIKE AUDIO
← BLK	V	MIKE GND

DETAIL
2ND RADIO INSTL



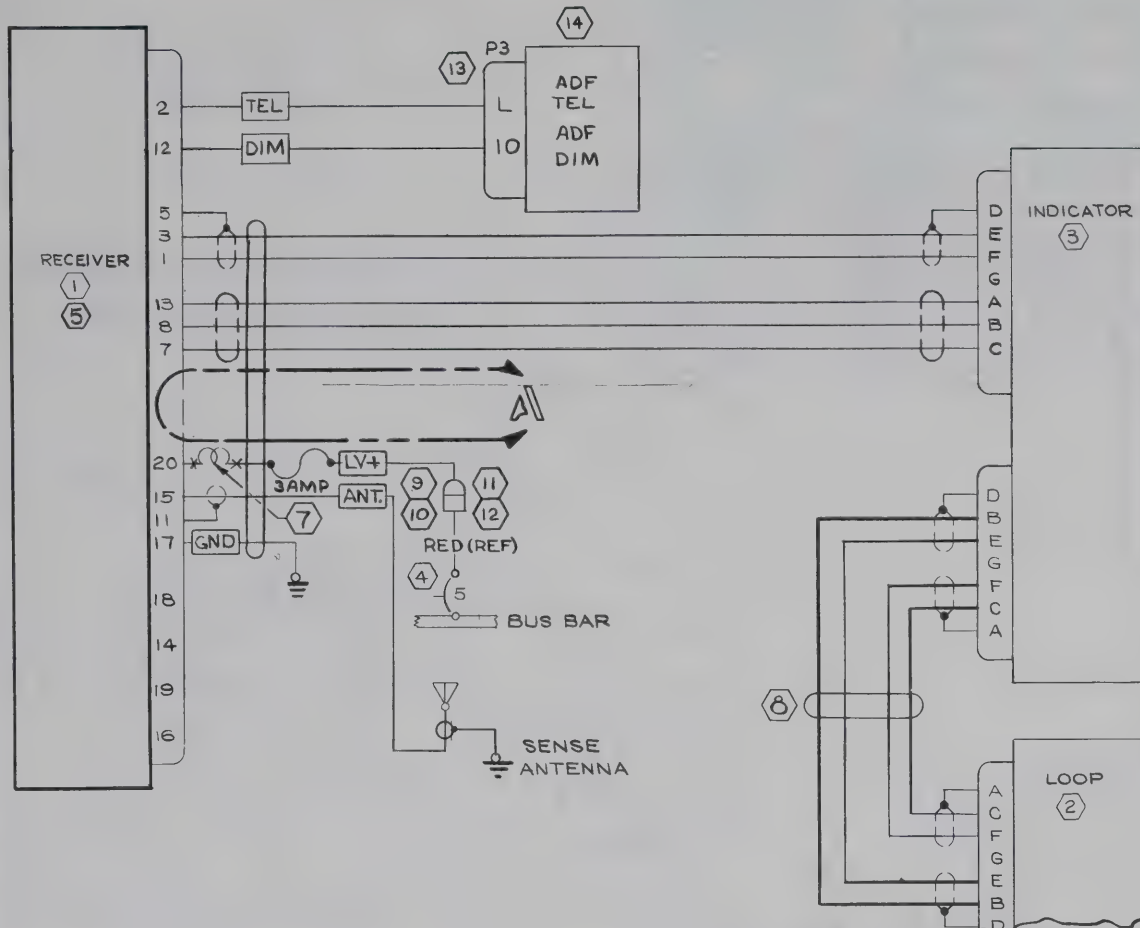
YEL	18	-18-4	SOLDER	S-1837-1		
WHT/BLK	22	-22-9-0	SOLDER	S-1837-1		
TAN	22	-22-10	SOLDER	S-1837-1		
RED/WHT	18	-18-2-9	SOLDER	S-1635-1		
RED/BLK	18	-18-2-0	SOLDER	S-1635-1		
RED	16	-16-2	SOLDER	S-1635-1		
GRN/WHT	20	-20-5-9	SOLDER	S-1837-1		
BLU/TAN	22	-22-6-10	SOLDER	S-1837-1		
BLU	22	-22-6	SOLDER	S-1837-1		
BLK(2)	22	-22-0	SOLDER	S-1837-1		
BLK(1)	16	-16-0	SOLDER	S-1367-2-8		

WIRE TABLE				SERIALS	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
CONTRACT NO:					
DESIGN	NAME	DATE	TITLE		
GROUP	NAME	DATE	TITLE		
DRAWN	NAME	DATE	TITLE		
CHECK	NAME	DATE	TITLE		
STRESS	NAME	DATE	TITLE		
PROJECT	NAME	DATE	TITLE		
APPD	NAME	DATE	TITLE		
SIZE	CODE IDENT. NO.	DWG NO.	TITLE		
C	71379	0770750	TITLE		
SCALE: NONE		182	PAGE: 2,7,3		

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
9	S-1838-2	HOUSING	
8	0570084-1	JUNCTION BOX ASSY	
7	S-1637-2	HOUSING-PLUG	
6	S-1637-1	HOUSING-CAP	
5	29747-0018	CONNECTOR (00781)	
4	31390-1514	RCVR/XMTR (ARC TYPE 524A) (00781)	
3	29753	CONNECTOR (00781)	
2	S-1360-15	CIRCUIT BKR	
1	S-1360-5	CIRCUIT BKR	
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 2.7.2			
SUPERSEDED BY:			

COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CESSNA AIRCRAFT CO.	
WIRING DIAGRAM - CESSNA COMM 300 (ARC TYPE 524A)	
SIZE: NONE	
182	
PAGE: 2,7,3	

(SR 4451)



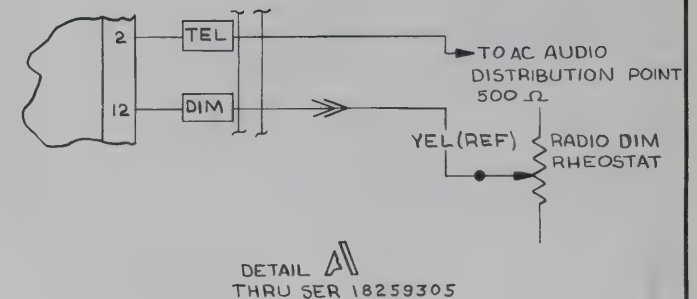
NOTES:

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

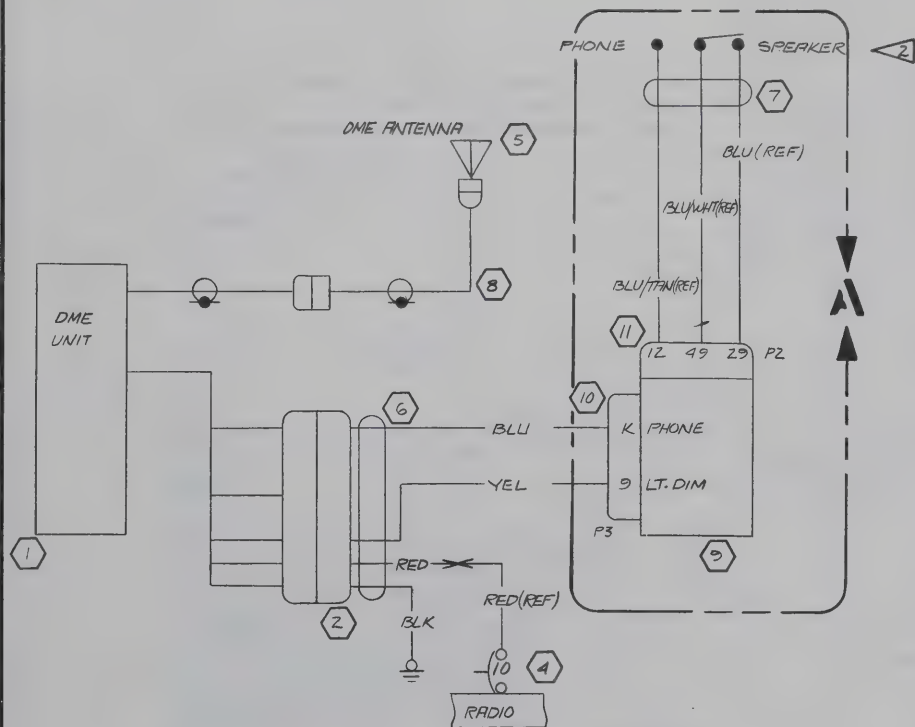
14	0570084-1	JUNCTION BOX	
13	S-1838-3	HOUSING	
12	S-1637-2	HOUSING-PLUG	
11	S-1637-1	HOUSING-CAP	
10	S-1635-1	PIN	
9	S-1636-1	SOCKET	
8	33827	LOOP CABLE (ARC)	(00779)
7	A-263	CHOKE	(23939)
6	XR6637	RHEOSTAT	(B3777)
5	35700-1100	RCVR (WITH BFO)	(ARC R-521B)
4	S-1360-5	CIRCUIT BREAKER	
3	32680-0000	INDICATOR (ARC)	(ARC IN-521B)
2	32880-0100	LOOP (ARC)	(00779)
1	35700-1000	RCVR (WITHOUT BFO)	(ARC R-521B)
ITEM NO	PART NO	DESCRIPTION	INSTALLED ON

EQUIPMENT TABLE

CHG LET	REVISION	BY	CHK
DATE	APPRO		
A	ADDED: 263 CHOKE IN A+LINE, 33827, & NOTE 2. 32880-1000 WAS 32880-0100	SKM	ARR
B	BY REV: ADD DETAIL A, S-1636-1, S-1635-1, S-1637-1, S-1637-2, S-1838-3, & 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-12 1/2-75-RS34	LES	JWH
	EDARR02391 (SR5852) II		

DETAIL A
THRU SER 18259305

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS					
DRAWN	NAME	DATE	TITLE		
GROUP	BREEN	8-5-64	WIRING DIAGRAM —		
CHECK	L. Stuck	8-25-64	CESSNA ADF 300		
PROJ	H. Wiese	8-29-64	(ARC TYPE 521B)		
SUPERSEDED BY	0770610	PAGE 17.5	MODEL 182	REV B	PAGE 2.12



NOTES:

1. ITEMS 1, 4, 7 & 8 ARE SUPPLIED AS PART OF KINE/INSTL KIT NO. 050-1032-00.

2. SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH

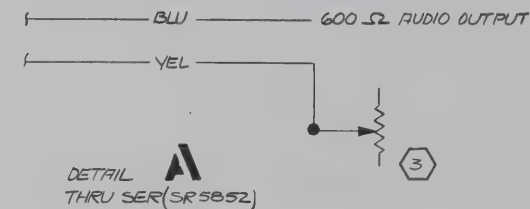
11	S-1838-1	HOUSING	
10	S-1838-3	HOUSING	2.20.2
9	0570084-1	JUNCTION BOX	7.15
8	-235	CABLE ASSY	2.22
7	-286	CABLE ASSY	2.60.1
6	-2001	CABLE ASSY	2.20.2
5	KA-32	ANTENNA	6.10
4	S-1360-10	CIRCUIT BKR	3.12
3	S-1880-4	RHEOSTAT	7.2
2	030-2043-00	CONNECTOR	2.20.3
1	C582602-0201	DME UNIT	3.12

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

SUPERSEDES: 2.20.1
SUPERSEDED BY:

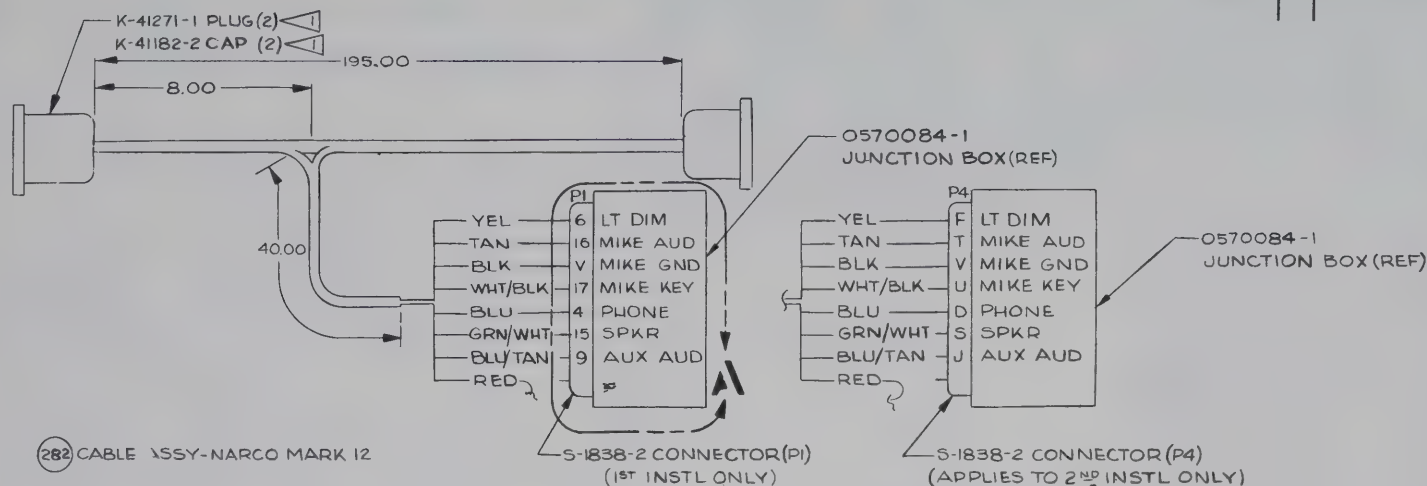
REVISION			
LET	DESCRIPTION	DATE	APPD
C	BY REV: REVISED & REDRAWN; DELETE NOTE 1; C582602-0201 WAS C582602-0101; KA-32 WAS KA-15; -286 WAS 030-24-00; -2001 WAS 030-0021-01; -235 WAS 024-0001-00, ADD NOTE 2; S-1880-4 WAS X186637 ED: RRR 10381	FER 2-18-69	JWH MOD JDH JWH



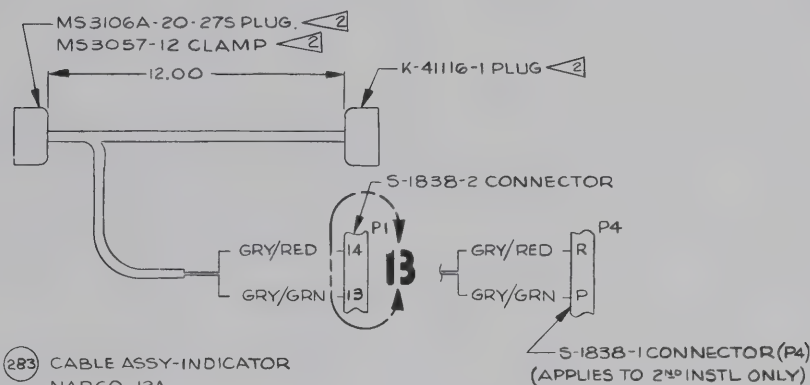
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
RED	16	-16-2	SOLDER	S-1370-2	
YEL	18	-18-4	SOLDER	S-1837-1	SER 18259306 & ON
BLU	22	-22-6	SOLDER	S-1837-1	SER 18259306 & ON
BLU	22	-22-6		S-1370-2	THRU SER 18259305
RED	16	-16-2		S-1370-2	
YEL	18	-18-4		S-1370-1	THRU SER 18259305
BLACK	16	-16-0	SOLDER	S-1367-28	

WIRE TABLE			
CONTRACT NO.	NAME	DATE	TITLE
	G. ENGEL	11-24-64	WIRING DIAGRAM - CESSNA DME 300
DESIGN	GREEN	9-30-64	
DRAWN	R. STUCK	11-20-64	
CHECK			
STRESS			
PROJECT	H. WISE	11-2-64	
APPD	R. W.		
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	0770750	
SCALE: NONE	1/8"	PAGE: 2.20.1	

REVISION			
LET	DESCRIPTION	DATE	APPD



(282) CABLE ASSY-NARCO MARK 12



(283) CABLE ASSY-INDICATOR NARCO 12A

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 MS3106A-20-275 PLUG & MS3057-12 CLAMP ARE SUPPLIED WITH VOA-8 OR VOA-9 INDICATOR

DETAIL 13

NO. REQD/NEXT ASSY	EFFECTIVE SERIALS	PAGE	PART NUMBER	DESCRIPTION
283	282	2.25.3	WIRING	
			S-1838-2	CONNECTOR
			K-41271-1	PLUG
			K-41182-2	CAP
			K-41116-1	PLUG
			MS3057-12	CLAMP
			MS3106A-20-275	PLUG
			-283	CABLE ASSY
			-282	CABLE ASSY

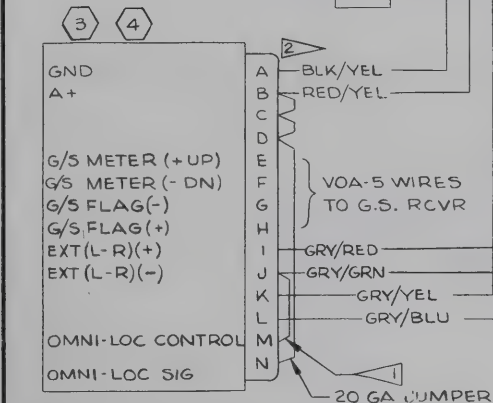
LIST OF MATERIAL

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

UNLESS OTHERWISE SPECIFIED		CONTRACT NO:		COMMERCIAL AIRCRAFT DIV.	
DIMENSIONS ARE IN INCHES		NAME		5800 E. PAWNEE	
TOLERANCES ARE		DATE		WICHITA, KANSAS	
DECIMALS	ANGLES	DESIGN	GROUP	Cessna AIRCRAFT CO.	
.00	1/30	SIPES YR	6/10/68	TITLE	
.01	1/30	Hardin	4-14-68	CABLE ASSEMBLY-	
.02	1/30	SCRAPER	7-30-68	NARCO MARK 12A	
.03	1/30	CHECK	HARRIS	8-1-68	
.04	1/30	STRESS	BSH-R	8-6-68	
SUPERSEDES:		PROJECT	8-1-68	SIZE	CODE IDENT.
PG 2.25.0		APPD	MDS	C	71379
SUPERSEDED BY:		SCALE: NONE		182	
P 2.51.0		PAGE: 2.25.2		0770750	

NAV ANTENNA

COMM ANTENNA



NOTES:

- 1 THIS JUMPER USED ONLY WHEN DUAL INSTALLATIONS ARE REQUIRED WITH CESSNA NAV-O-MATIC SYSTEMS
- 2 NARCO PLUGS SUPPLIED WITH NARCO INSTL KIT & INDICATOR

6	S-1838-2	CONNECTOR	
5	0570084-1	JUNCTION BOX	
4	VOA 8	CONVERTER-IND	93493
3	VOA9	CONVERTER-IND	93493
2	T12MP-12A	PWR-AUD UNIT	93493
1	MARK 12A	TRANSCIVER	93493

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
EQUIPMENT TABLE			

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

SUPERSEDES: PG. 225.1

SUPERSEDED BY: P 2.52.0

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: PIN 2 WAS PIN 13; BLU/TAN WIRE WAS WHT/BLU(2) WIRE; ADD PIN 14 OMNI+ AND PIN 13 OMNI-; CONT GRY/RED WIRE AND GRY/GRN WIRE TO PIN 14 & PIN 13	DGP 8-9-69	ZLY

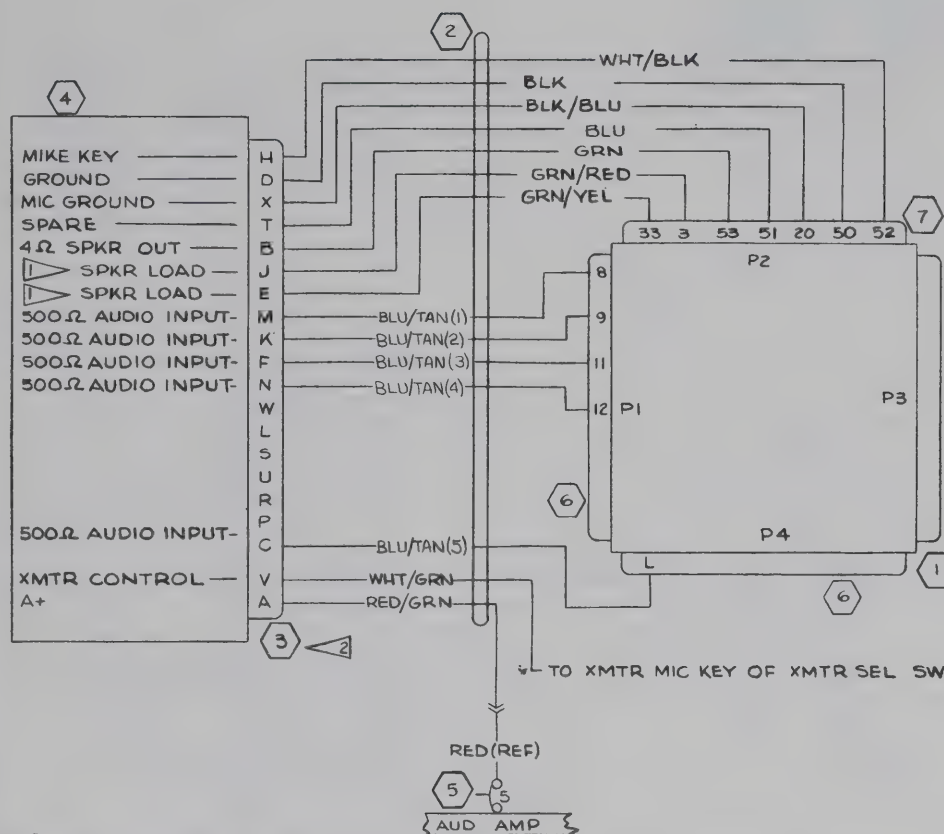
INACTIVE:
EFF SER 18259306
THRU SER 18260055
ED:RR 10-4-68
DGP 8-4-69
ZLY WED
MDS NMP

GREEN	20	-20-5	S-1837-1	SOLDER	
GRY/BLU	22	-22-8-6	SOLDER	↑	
GRY/YEL	↑	-22-8-4	SOLDER		
GRY/GRN		-22-8-5	SOLDER		
GRY/RED		-22-8-2	SOLDER		
RED/YEL		-22-2-4	SOLDER		
BLK/YEL		-22-0-4	SOLDER		
BLACK		-22-0	S-1837-1		
TAN		-22-10	S-1837-1		
WHT/TAN	↓	-22-9-10	SOLDER		
WHT/GRN	22	-22-9-5	SOLDER		
BLU/RED	22S	-22-6-2	SOLDER		
BLU/GRN	22	-22-6-5	SOLDER		
BLUE	↑	-22-6	S-1837-1		
WHT/YEL		-22-9-4	SOLDER		
BLU/TAN		-22-9-6	S-1837-1		
WHT/RED		-22-9-2	SOLDER		
WHT/BLU(1)		-22-6-9	S-1557-1		
WHT/BLK	↓	-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		
BLACK	16	-16-0	SOLDER	↓	
WHITE	14	-14-9	SOLDER	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
NAME			Cessna AIRCRAFT CO.		
DESIGN	SIPES VR	6/10/68	TITLE WIRING DIAGRAM - NARCO MARK 12A WITH VOA 8 & VOA 9		
GROUP	Hardw	8-14-68			
DRAWN	SCRAPER	7-30-68			
CHECK	HARRIS	8-1-68			
STRESS	ASH:R	8-6-68	SIZE CODE IDENT. DWG NO.		
PROJECT	1-1-68	8-1-68	C 71379 0770750		
APPD	MDS	8-1-68	SCALE: NONE 182 PAGE: 225.3		

REVISION			
LET	DESCRIPTION	DATE	APPD



- NOTES:

1. THESE CIRCUITS PROVIDE A 4Ω , 5 WATT SPEAKER LOAD WHEN REQ'D BY THE RADIO INSTL.
2. CONNECTOR IS FURNISHED WITH KA-25C.
3. TERMINAL BLOCK NO.S TO BE STAMPED ON WIRES PER CES 1015.

7	S-1838-1	HOUSING	
6	S-1838-2	HOUSING	
5	S-1360-5	CIRCUIT BREAKER	
4	KA-25C	AUDIO AMPLIFIER	(22373)
3	030-2002-00	PLUG	(22373)
2	-288	CABLE ASSY	
1	0570084-1	JUNCTION BOX	
ITEM NO.	PART NO.	DESCRIPTION	VENDOR
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.			SUPERSEDES: PG. 2.36.1 SUPERSEDED BY:

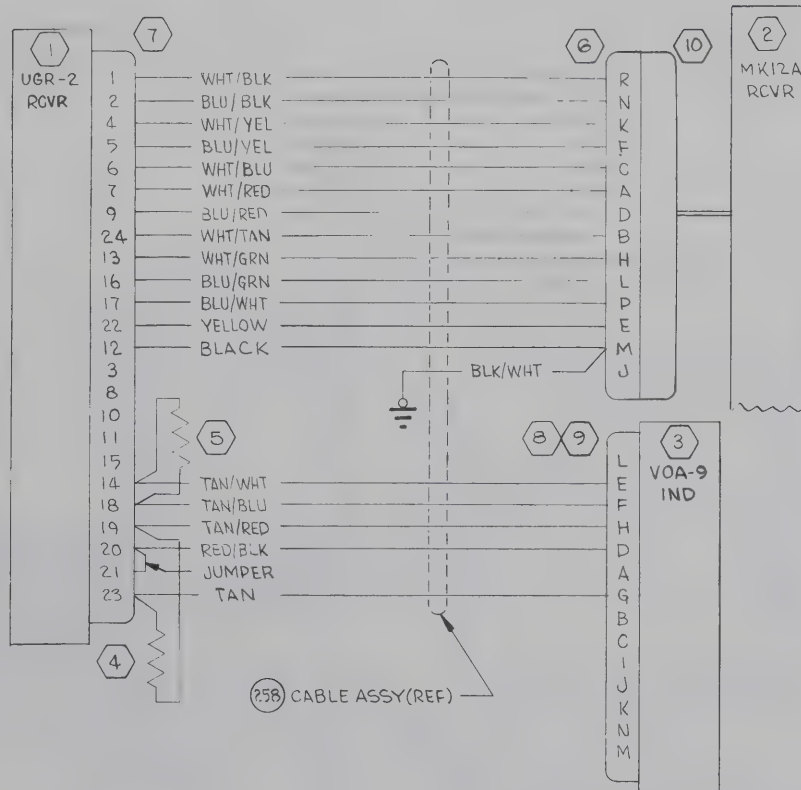
WHT/GRN	22	-22-9-5		S-1367-1	SOLDER	
WHT/BLK	22	-22-9-0		S-1857-1		
RED/GRN	20	-20-2-5		S-341-2		
GRN/YEL	20	-20-5-4		S-1837-1		
GRN/RED	20	-20-3-2				
GRN	20	-20-5				
BLU/TANG	22	-22-6-10				
BLU/TANG	22	-22-6-10				
BLU/TANG	22	-22-6-10				
BLU/TANG	22	-22-6-10				
BLU	22	-22-6				
BLK/BLU	22	-22-0-6				
BLK	18	-18-0		S-1837-1	SOLDER	
WIRE	GA	MATERIAL	LG	TERMINALS		SERIALS

CONTRACT NO:		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	SJESBYR	6/10/68	TITLE		
GROUP	Hardin	4-10-68	WIRING DIAGRAM -		
DRAWN	SCRAPER	7-30-68	KING KA-25C AUDIO AMPLIFIER		
CHECK	HARRIS	8-5-68			
STRESS	ASHER	8-6-68			
PROJECT	Proctor	8-15-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	MDS	8-5-68	C	71379	0770750
			SCALE: NONE	182	PAGE: 23 of 24

NOTES:

1. WIRE MATERIAL PER S-1460

CHG LET	REVISION	BY DATE	CHK APPD
A	BY REV: IN TITLE & ON FIELD "VOA-9 WAS VOA-5" ED&RR 00944 (SR 5595)	MRL 11-21-67	MDS 11-21-67



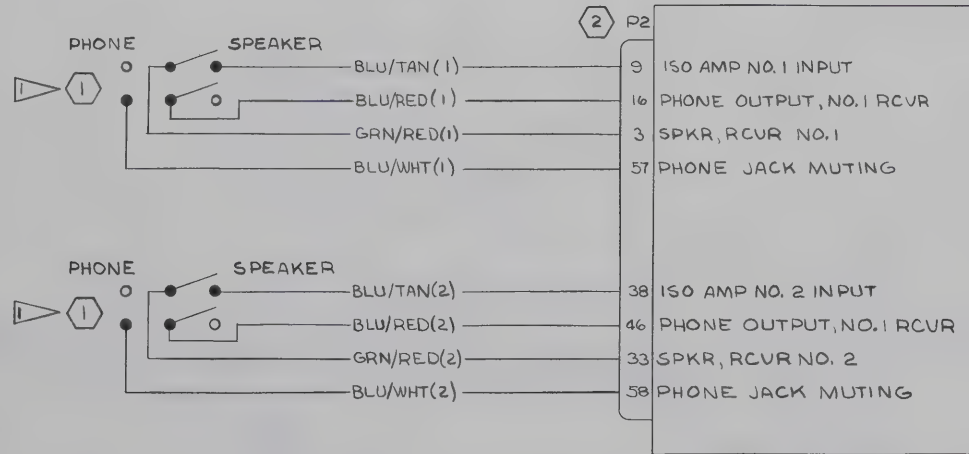
INACTIVE:
EFF SER 18257626
THRU SER 18260055
ED&RR 10938
DGP 8-4-69
MDS
RMR

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK/WHT 18	-18-0-9	SOLDER	S-1367-1-6		
BLACK 18	-18-0		SOLDER		
YELLOW 18	-18-4				
RED/BLK 18	-18-2-0				
TAN/RED 22	-22-10-2				
TAN/BLU 22	-22-10-6				
TAN/WHT 22	-22-10-9				
BLU/WHT 22	-22-6-9				
BLU/GRN 22	-22-6-5				
BLU/RED 22	-22-6-2				
BLU/YEL 22	-22-6-4				
BLU/BLK 22	-22-6-0				
WHT/TAN 22	-22-9-10				
WHT/GRN 22	-22-9-5				
WHT/RED 22	-22-9-2				
WHT/BLU 22	-22-9-6				
WHT/YEL 22	-22-9-4				
WHT/BLK 22	-22-9-0				
TAN	-22-10	SOLDER	SOLDER		

PART NO.	DESCRIPTION	INSTALLED ON
10 MRA-145	PIG TAIL(93493)	
9 41228-6	CLAMP (93493)	
8 41223-2	PLUG (93493)	
7 41291-101	CONNECTOR(93493)	
6 41247-102	CONNECTOR(93493)	
5 470Ω 1/2 WATT	RESISTOR(93493)	
4 1000Ω 1/2 WATT	RESISTOR(93493)	
3 VOA-9	INDICATOR (93493)	
2 MARK 12A	XCVR (93493)	
1 UGR-2	RCVR (93493)	

WIRE TABLE			
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS.			
DRAWN	NAME	DATE	TITLE
W. COOK		11-20-67	WIRING DIAGRAM —
GROUP	H. W. Wad	11-27-67	NARCO UGR-2 GLIDESLOPE
CHECK	SWANEY	11-20-67	WITH NARCO MARK 12A &
PROJ			VOA-9
SUPERSEDED BY		SUPERSEDES	MODEL
P 2.54.1		0770750 P 236.1	182
REV		PAGE	
A		237.1	

REVISION			
LET	DESCRIPTION	DATE	APPD



INACTIVE:
EFF SER 18259346
THRU SER 18260055

NOTES:

1 SPKR FUNCTION ON KEY WAY SIDE OF SWITCH

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU/WHT(2)	22	-22-6-9		SOLDER S-1837-1	
BLU/WHT(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)		-22-6-10			
BLU/TAN(1)	22	-22-6-10		SOLDER S-1837-1	

WIRE TABLE

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	SIPES VR	6/10/68	WIRING DIAGRAM -		
DRAWN	SCRAPER	7-30-68	AUDIO SWITCHING -		
CHECK	HARRIS	8-5-68	NARCO MARK 12A		
STRESS	ASHER	8-6-68	SIZE	CODE IDENT. NO.	DWG NO.
PROJECT	REDAK	8-11-68	C	71379	0770750
APPD	MDS	8-5-68	SCALE: NONE		
			182		PAGE: 2, 40, 4

ITEM NO.	PART NO.	DESCRIPTION
3	0570084-1	JUNCTION BOX
2	S-1838-1	HOUSING
1	S-1696-1	SWITCH

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

SUPERSEDES:
P. 2, 40, 1

SUPERSEDED BY:

REVISION					REVISION				
LET	DESCRIPTION	DATE	APPD	LET	DESCRIPTION	DATE	APPD		
	5 WAS 6; (ITEM 10) 20 WAS 23; 23 WAS 20; 5 WAS 4; 4 WAS 5 ED & RR 10159 (SR5852) IX			A	BY REV: ADD 31243, 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 5; DELETE 4; (ITEM 13) 2 WAS 1; 1 WAS 2; 6 WAS 5;	10-3-68	JWH MDS AKM		
B	BY REV: AV-547 WAS ASP-547 ED & RR 10263	A.S. 11-21-68	JWH mds W.C.D. K.M.						
C	BY REV: ADD RED(2), RED/WHT(3), ITEM 16 & SHT 2.21.4; SER OUT RED, BLK(4), RED/WHT(1), RED/WHT(2) SER 18260107 ED & RR 10530	BPH							

ITEM NO.	WIRE CODE NO.	G.A.	MATERIAL	LG	TERMINALS	SERIALS
BLK(4)	18	-18-0	SOLDER	S-1367-1-6		SER 18259306 THEU SER 18160106
BLK(3)	18	-18-0	SOLDER	S-1367-1-6		
RED	18	-18-2	SOLDER	S-1367-1-6		SER 18159306 THEU SER 18260106
BLU/WHT	22	-22-6-9	SOLDER	SOLDER		
BLK/WHT	18	-18-0-9	SOLDER	SOLDER		
RED/WHT(2)	18	-18-2-9	SOLDER	SOLDER		SER 18159306 THEU SER 18260106
RED/BLK(2)	18	-18-2-0	SOLDER	SOLDER		
BLACK(2)	18	-18-0	SOLDER	SOLDER		
CABLE		RG-58A/U	35032-0012	35693-0003		
CABLE		RG-58A/U	35032-0012	35693-0003		SER 18259306 THEU SER 18260106
RED/WHT(1)	18	-18-2-9	S-1367-1-6	SOLDER		
BLACK(1)	16	-16-0	S-1837-1	SOLDER		
WHT/BLK	22	-22-9-0	S-1837-1	SOLDER		
TAN	22	-22-10	S-1837-1	SOLDER		
GRN/WHT	22	-22-9-6	S-1837-1	SOLDER		
RED/BLU	18	-18-2-6	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		
YEL	22	-22-6-4	SOLDER	S-1837-1		
TAN/WHT	22	-22-10-9	SOLDER	S-1837-1		
BLUE	22	-22-6	SOLDER	S-1837-1		
RED/YEL(2)	22	-22-2-4	SOLDER	S-1837-1		
GRN/GRN	22	-22-8-10	SOLDER	S-1837-1		
GRN/RED	22	-22-8-6	SOLDER	S-1837-1		
RED/YEL(1)	22	-22-2-4	SOLDER	S-1837-1		
WHT/GRN	22	-22-9-5	SOLDER	SOLDER		
WHT/TAN	22	-22-9-10	SOLDER	SOLDER		
WHT/YEL	22	-22-9-4	SOLDER	SOLDER		
YEL/TAN	20	-20-4-10	SOLDER	SOLDER		
RED/BLK(1)	18	-18-2-0	SOLDER	SOLDER		

ITEM NO.	PART NO.	DESCRIPTION
16	38960-0014	ACCESSORY UNIT
15	37243	FILTER ASSY
14	S-1838-2	HOUSING
13	35693-0004	CONNECTOR (00781)
12	AV-547	COUPLER (02833)
11	0510084-1	JUNCTION BOX ASSY
10	36364-0000	CONNECTOR KIT (00781)
9	36363-0000	CONNECTOR KIT (00781)
8	35693-0003	CONNECTOR (00781)
7	36600-0000	ACCESSORY UNIT (ARC TYPE RTA5328)
6	34290-0000	INDICATOR (ARC TYPE IN-543A)
5	33970-0000	INDICATOR (ARC TYPE IN-522A)
4	33560-1100	RECEIVER (ARC TYPE R-542A)
3	33570-1000	TRANSCIVER (ARC TYPE RTS32A)
2	33950-1100	RCVR/XMTR (ARC TYPE RT-522A)
1	S-1360-5	CIRCUIT BREAKER

WIRE TABLE		
DESIGN	NAME	DATE
DESIGN	SIPES	6-10-68
GROUP	HARDEN	8-19-68
DRAWN	SCRAPER	7-30-68
CHECK	HARRIS	8-1-68
STRESS	ASHER	8-6-68
PROJECT	PARKER	8-6-68
APPD	MDS	8-1-68

EQUIPMENT TABLE		
ITEM NO.	PART NO.	DESCRIPTION
16	38960-0014	ACCESSORY UNIT
15	37243	FILTER ASSY
14	S-1838-2	HOUSING
13	35693-0004	CONNECTOR (00781)
12	AV-547	COUPLER (02833)
11	0510084-1	JUNCTION BOX ASSY
10	36364-0000	CONNECTOR KIT (00781)
9	36363-0000	CONNECTOR KIT (00781)
8	35693-0003	CONNECTOR (00781)
7	36600-0000	ACCESSORY UNIT (ARC TYPE RTA5328)
6	34290-0000	INDICATOR (ARC TYPE IN-543A)
5	33970-0000	INDICATOR (ARC TYPE IN-522A)
4	33560-1100	RECEIVER (ARC TYPE R-542A)
3	33570-1000	TRANSCIVER (ARC TYPE RTS32A)
2	33950-1100	RCVR/XMTR (ARC TYPE RT-522A)
1	S-1360-5	CIRCUIT BREAKER

WIRE TABLE		
SIZE	CODE IDENT. NO.	DWG NO.
C	71379	0770750

WIRE TABLE		
SCALE	TERMINALS	SERIALS
SCALE: NONE	182	18259306 & ON

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

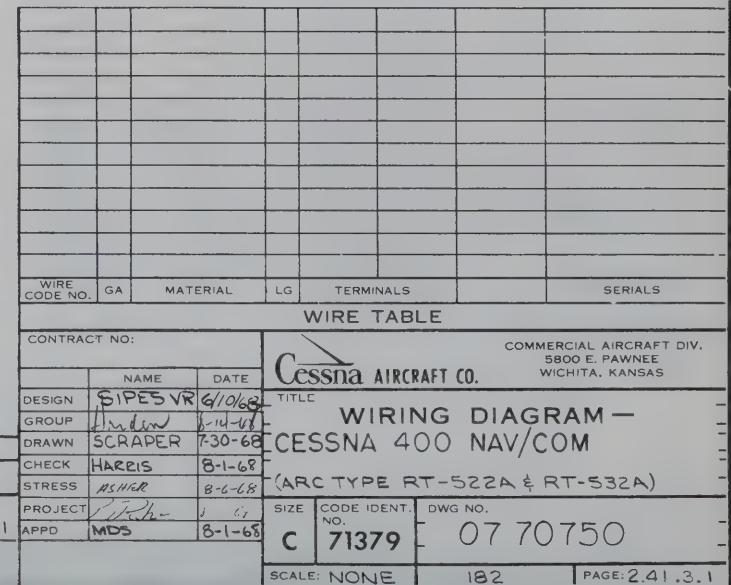
WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9
RED(2)	18	-18-2

WIRE TABLE		
WIRE CODE NO.	G.A.	MATERIAL
RED/WHT(3)	18	-18-2-9

The diagram illustrates the wiring for the 1000 MHz VOR receiver. It shows the following components and their connections:

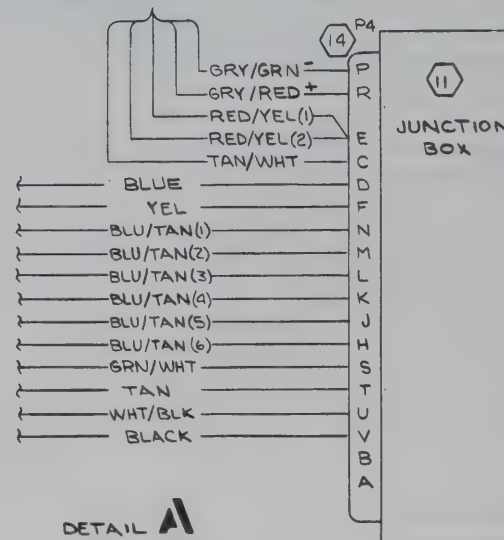
- RCVR (Receiver):**
 - Pin 4: 14V SW
 - Pin 2: 14V SW
 - Pin 3: GND
 - Pin 1: NAV OUT
 - Pin 11: VOR TEST IN
 - Pin 12: VOR TEST OUT
 - Pin 6: LTS 14V
 - Pin 20: PHONE OUT
 - Pin 10: 14V IN
 - Pin 13: NAV IN
 - Pin 14: VOR TEST IN
 - Pin 15: VOR TEST OUT
 - Pin 16: VERT POINT (+R)
 - Pin 17: INT VERT POINT (+L)
 - Pin 18: INT VERT POINT (+L)
 - Pin 19: VERT POINT (+R)
 - Pin 20: VERT POINT (+L)
- INDICATOR:**
 - Pin 4: 14V SW
 - Pin 2: GND
 - Pin 1: NAV IN
 - Pin 10: VOR TEST IN
 - Pin 9: VOR TEST OUT
 - Pin 6: VERT POINT (+R)
 - Pin 7: INT VERT POINT (+L)
 - Pin 8: INT VERT POINT (+L)
 - Pin 11: VERT POINT (+L)
 - Pin 18: LTS 14V
 - Pin 12: VERT POINT (+R)
 - Pin 13: VERT POINT (+L)
- NAV ANT. (Navigation Antenna):**
 - Pin 13: NAV ANT.
- Wiring Connections:**
 - RED/BLK (1) connects to RCVR Pin 17 and INDICATOR Pin 4.
 - YEL/TAN connects to RCVR Pin 19 and INDICATOR Pin 2.
 - WHT/YEL connects to RCVR Pin 3 and INDICATOR Pin 1.
 - WHT/TAN connects to RCVR Pin 11 and INDICATOR Pin 10.
 - WHT/GRN connects to RCVR Pin 12 and INDICATOR Pin 9.
 - RED/YEL (2) connects to RCVR Pin 6 and INDICATOR Pin 18.
 - TAN/WHT connects to RCVR Pin 20 and INDICATOR Pin 12.
 - RED/BLK connects to RCVR Pin 10 and INDICATOR Pin 13.
 - RED/YEL (1) connects to RCVR Pin 13 and INDICATOR Pin 18.
 - GRY/RED connects to RCVR Pin 14 and INDICATOR Pin 12.
 - GRY/GRN connects to RCVR Pin 15 and INDICATOR Pin 13.
- Other Labels:**
 - SEE P 2.41.4 (twice)
 - 3 (REF)



ITEM NO.	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: PG 2.41.2. SUPERSEDED BY:

FORM NO. 80-215A

SEE P 2.41.3.1



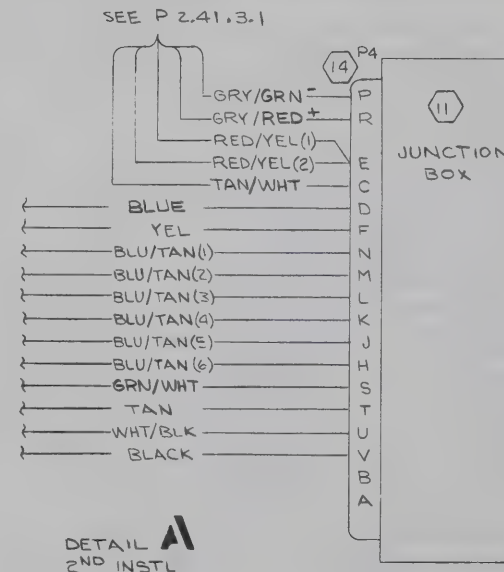
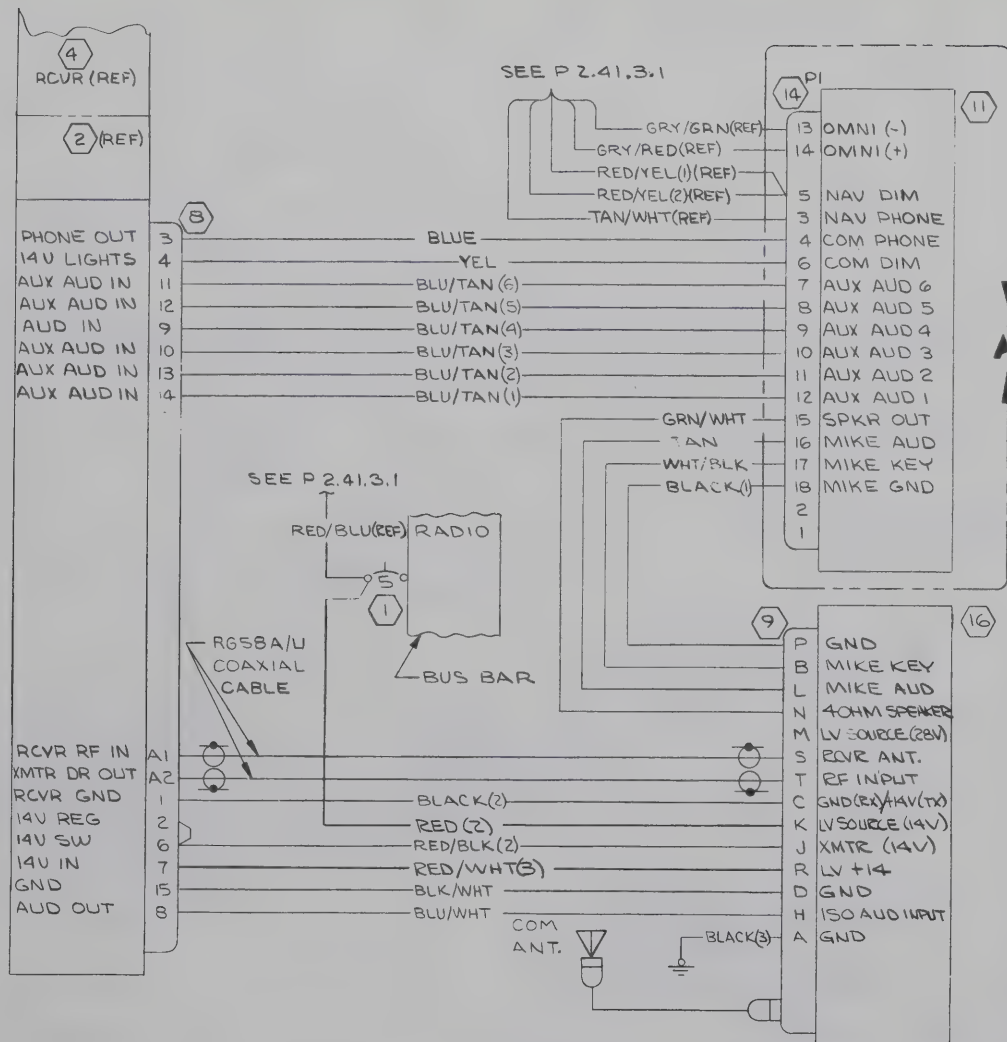
DETAIL
2ND INSTL

2ND INSTL
INACTIVE:
EFF SER 18259306
THRU SER 18260106
10-20-69 BPH
ED 48R 10530
JWH
BPH
RW

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN <u>SIPES YR</u> GROUP <u>harder</u> DRAWN <u>SCRAPER</u> CHECK <u>HARRIS</u> STRESS <u>ASHER</u> PROJECT <u>ASHER</u> APPD <u>MCS</u>			Cessna AIRCRAFT CO. TITLE <u>WIRING DIAGRAM -</u> <u>CESSNA 400 NAV/COM</u> <u>(ARC TYPE RT-522A & RT-532A)</u>		
DATE <u>6/10/68</u> <u>5-11-68</u> <u>7-30-68</u> <u>8-1-68</u> <u>8-6-68</u> <u>8-1-68</u>			SIZE	CODE IDENT. NO.	DWG NO.
			C	71379	0770750
			SCALE: NONE	182	2.41 3.2

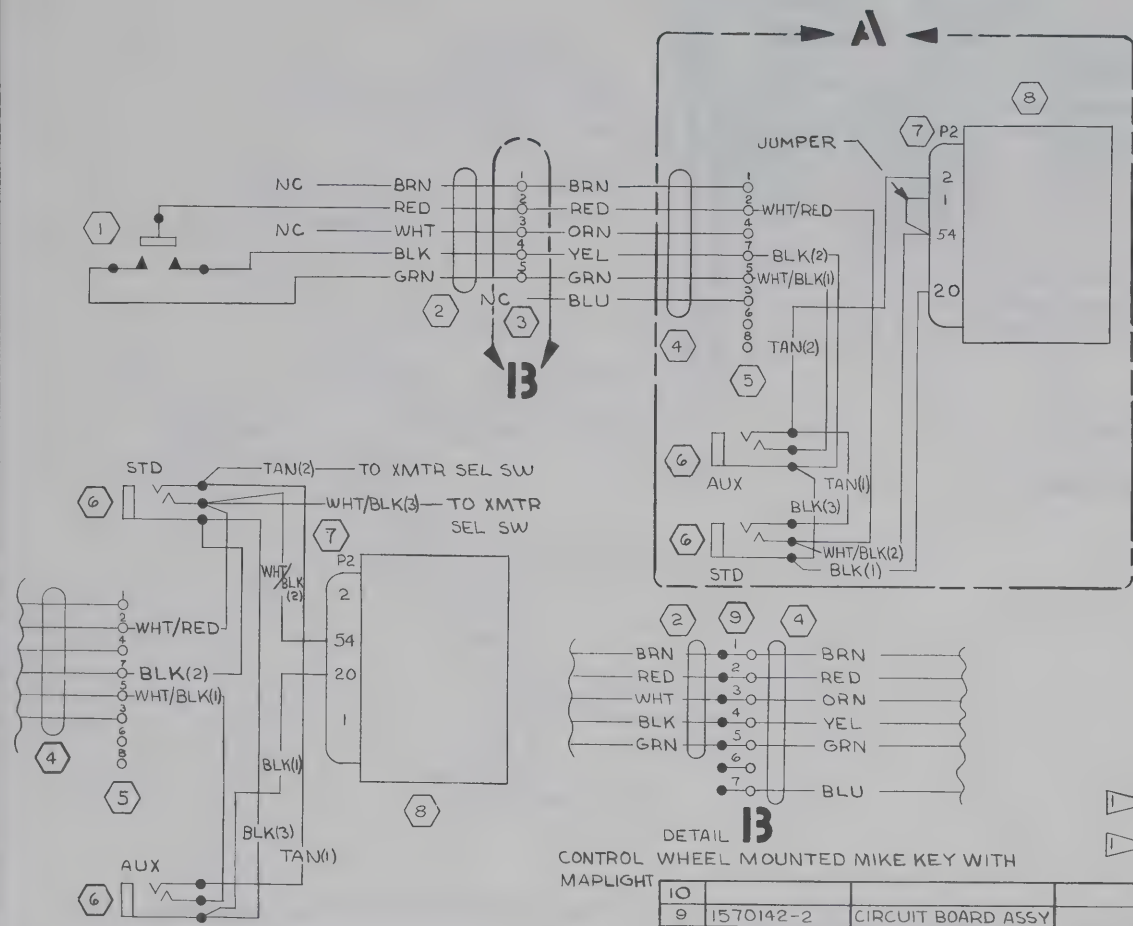
EDERR02394 (SR5852) IV

REVISION			
LET	DESCRIPTION	DATE	APPD
C	REFER TO P 2.41.3.0		



WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			Cessna AIRCRAFT CO.		
DESIGN	NAME	DATE	TITLE		
GROUP	H. W. W.	10-28-69	WIRING DIAGRAM -		
DRAWN	HONORAK	10-20-69	CESSNA 400 NAV/COM		
CHECK	HARRIS	10-28-69	(ARC TYPE RT-522A & RT-532A)		
STRESS					
PROJECT					
APPD					
SIZE	CODE IDENT. NO.	DWG NO.			
C	71379	0770750			
SCALE: NONE		182	PAGE: 2.41.4		

ITEM NO	PART NO.	DESCRIPTION
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 2.41.3.2		



REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD S-1985-1 & SER; SER OUT A8002; ADD DETAIL "C" (SR 6030) II	DLP 6-4-68	RLY MDS
B	BY REV: DELETE S-1985-1, DETAIL "C" & SR INACTIVATE DWG ED & RR 10704 (SR 6030) IX	P6P 8-19-69	RLY MDS

INACTIVE:
EFF SER 18259306 THRU SER 18260055
ED & RR 10704
P6P
RLY
MDS
8-19-69
WTS
H/LU
NH

DETAIL A
2nd INSTALLATION

- NOTES:
- ON SECOND INSTALLATION WHT/BLK(3) & TAN(2) WIRES SOLDER TO XMTR SELECTOR SWITCH & PIN 54 TO 1 JUMPER IS OMITTED.
 - 5-171 TERM BLOCK IS REPLACED BY 1570142-2 CIRCUIT BOARD ASSY WHEN A MAP LIGHT IS INSTALLED

DETAIL B
CONTROL WHEEL MOUNTED MIKE KEY WITH MAPLIGHT

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
10			
9	1570142-2	CIRCUIT BOARD ASSY	
8	0570084-1	JUNCTION BOX	
7	S-1838-1	CONNECTOR	
6	S-1102-1	JACK	
5	8-171	TERM BLOCK	71785
4	5F-1030-BX	CABLE	08261
3	5-171	TERM BLOCK	71785
2	8445	CABLE	70903
1	A8002	SWITCH	HETH

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

SUPERSEDES:
P. 2.44.0
SUPERSEDED BY:
P. 2.44.2

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK(3)	22	-22-9-0		SOLDER	SOLDER
WHT/RED	22	-22-9-2		SOLDER	S-13671-8
WHT/BLK(2)	22	-22-9-0			S-1837-1
WHT/BLK(1)	22	-22-9-0			S-13671-8
TAN(2)	22	-22-10			S-1837-1
TAN(1)	22	-22-10		SOLDER	
BLK(3)	22	-22-0		SOLDER	
BLK(2)	22	-22-0			S-13671-8
BLK(1)	22	-22-0		SOLDER	S-1837-1

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	SIPES YR	DATE	TITLE		
GROUP	Wired	6-4-68	WIRING DIAGRAM -		
DRAWN	SCRAPER	7-31-68	MIKE KEY-CONTROL		
CHECK	HARRIS	8-1-68	WHEEL		
STRESS	11595.8	8-6-68			
PROJECT	276	8-1-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	MDS		C	71379	0770750
SCALE: NONE			182		PAGE: 2.44.1

NOTES:

1. NORMALLY CLOSED TERMINALS (LONG LEAF) TO BE CLIPPED OFF BEFORE INSTL IN CONTROL WHEEL
2. STRIP OFF ALL CONDUCTORS EXCEPT YELLOW, GREEN & VIOLET FROM THE SF-1030-BX CABLE BEFORE INSTALLING IN CONTROL WHEEL
3. THIS JUMPER REQUIRED ONLY WITH A SINGLE XCVR INSTL
4. PART OF SF-1030-BX CABLE (08261)
5. VENDOR CODE FOR 329636 TERMINAL IS (00779)

REVISION			
LET	DESCRIPTION	DATE	APPD

12			
11			
10			
9	S-1637-1	CAP	
8	S-1637-2	PLUG	
7	S-1102-1	JACK	
6	0570084-1	JUNCTION BOX	
5	S-1838-1	CONNECTOR	
4	351-11-08-001	TERM BLOCK	(71785)
3	351-11-07-001	TERM BLOCK	(71785)
2	SF-1030-BX	CABLE	(08261)
1	S-1985-1	SWITCH	

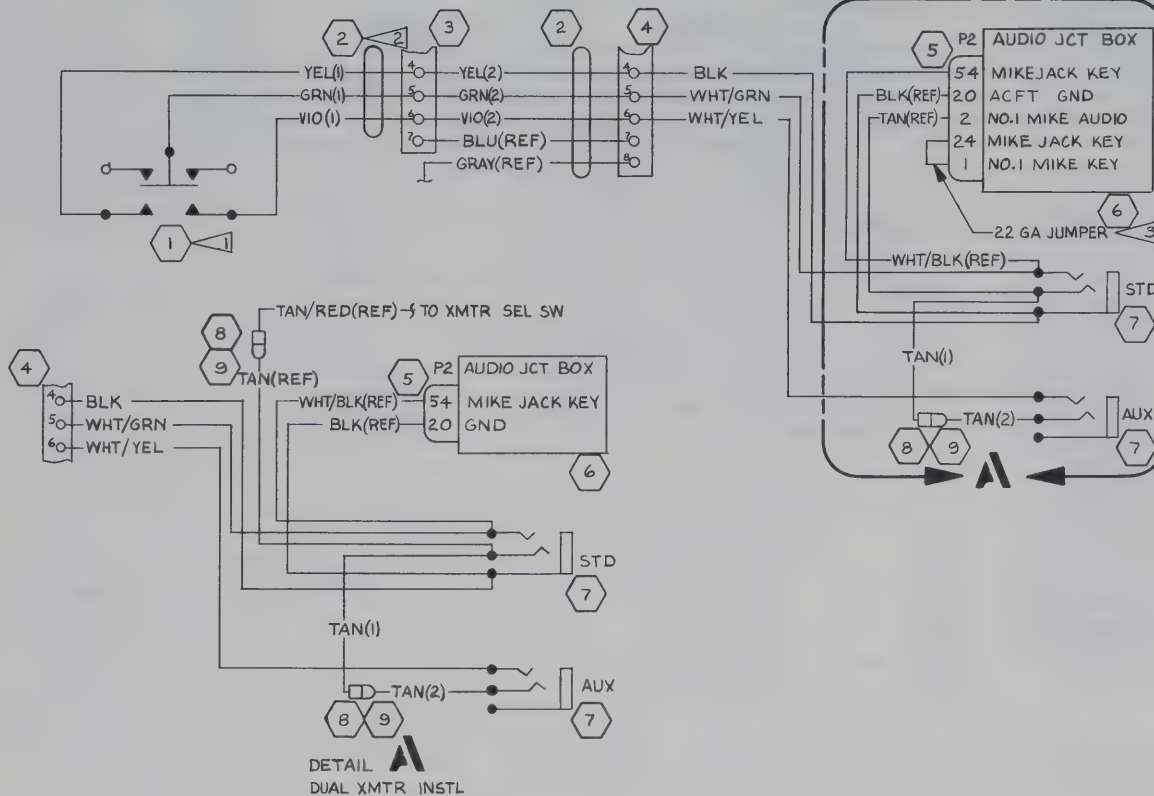
ITEM NO.	PART NO.	DESCRIPTION	VENDOR
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.		SUPERSEDES: P 2.44.1 SUPERSEDED BY:	

YEL(2)	4	329636	329636		
YEL(1)	4	SOLDER	329636		
WHT/YEL 22	-22-9-4	329636	SOLDER		
WHT/GRN 22	-22-9-5	329636	SOLDER		
VIO(2)	4	329636	329636		
VIO(1)	4	SOLDER	329636		
TAN(2)	22	-22-10	S-1635-1	SOLDER	
TAN(1)	22	-22-10	SOLDER	S-1636-1	
GRN(2)	4	329636	329636		
GRN(1)	4	SOLDER	329636		
BLK 22	-22-0	SOLDER	329636		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:		
DESIGN	NAME	DATE
GROUP	H. Wiese	8-21-69
DRAWN	R.G. POTTS	8-19-69
CHECK	R. YOUNGERS	8-19-69
STRESS	W.C. DALE	8-20-69
PROJ	M. L. Carter	8-21-69
APPD	M. L. Carter	8-20-69
OTHER		

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM -	
MIKE KEY - CONTROL WHEEL		MOUNTED	
SIZE	CODE IDENT. NO.	DWG NO	
C	71379	0770750	
SCALE: NONE		182	PAGE: 2.44.2



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	H. W. Wise	8-20-69	WIRING DIAGRAM -		
DRAWN	P. G. POTTS	8-19-69	MIKE KEY - CONTROL WHEEL		
CHECK	R. YOUNGERS	8-19-69	MOUNTED		
STRESS	W. C. DALE	8-20-69			
PROJECT	H. M. Carter	8-21-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	M. A. Swaney	8-20-69	C	71379	0770750
SCALE: NONE			182	PAGE: 2, 4, 3	

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD S-183B(-1,-2,*-3), S-1837-1 # SERIALS TO WIRES: VEL, WHT/BLK, WHT(2), TAN, GRN, BLU, BLU/TAN(1), (2), (3), # (4); DELETE NOTES 1, 2, 3, WIRES BLK, TAN, # WHT/BLK, # 0770714-1; 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) ED# RRO2384 18259306 f ON	LE'S 6-25-68	GML MDS RFG H Lee K M f

15	-271	CABLE ASSY
14	17008	CONN (PNTR)
13	5-1838-1	HOUSING
12	17005	CONN (PNTR)
11	5-1838-2	HOUSING
10	S-1360-15	CIRCUIT BREAKER
9	S-1360-5	CIRCUIT BREAKER
8	17028	CONN (PNTR)
7	17027	CONN (PNTR)
6	17025	CONN (PNTR)
5	5-1838-3	HOUSING
4	C589502-0101	ANT. LOAD BOX
3	05700084-2	AUD JCT BOX ASSY
2	C582103-0201	POWER SUPPLY
1	C582103-0101	TRANSCEIVER

CES-1070 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.

RED/WHT	18	-18-2-9	S-1367-1-6	SOLDER		
RED/GRN	20	-20-2-5	SOLDER	↑		
RED/BLU	16	-16-2-6	S-1367-2-6			
RED/BLK	18	-18-2-0	SOLDER			
RED	16	-16-2	S-1367-2-6			
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		SOLDER		
GRN	20	-20-5		S-1837-1		
YEL/TAN(1)	20	-20-4-10		SOLDER		SER 18259306 & ON
GRN/RED(1)	20	-20-5-2		SOLDER		
BLU/TAN(4)	22	-22-6-10		S-1837-1		SER 18259306 & ON
BLU/TAN(3)	22	-22-6-10		↑		
BLU/TAN(2)	22	-22-6-10				
BLU/TAN(1)	22	-22-6-10		↓		
BLUE	22	-22-6		S-1837-1		SER 18259306 & ON
BLK(2)	16	-16-0	SOLDER	S-1367-2-8		
BLK(1)	16	-16-0	SOLDER	S-1367-2-8		
WIRE GA	GA	MATERIAL	LG	TERMINALS		SERIALS

FORM NO 80-215A

Hand-drawn wiring diagram showing connections between three components:

- XCVR (Transceiver):** Pins 1, 7, 13, 26, 29, 31, 32, 33, 34, 35.
- POWER SUPPLY MODULATOR:** Pins 4, 8, 13.
- AUDIO JUNCTION BOX P4:** Pins T, S, D, U, F, H, J, M, N, L.

Wiring connections:

- XCVR Pin 13 connects to BLUE.
- XCVR Pin 26 connects to WHT/BLK.
- XCVR Pin 29 connects to YELLOW.
- XCVR Pin 31 connects to BLU/TAN(1).
- XCVR Pin 32 connects to BLU/TAN(2).
- XCVR Pin 33 connects to BLU/TAN(3).
- XCVR Pin 34 connects to BLU/TAN(4).
- XCVR Pin 35 connects to WHITE (2).
- POWER SUPPLY MODULATOR Pin 4 connects to the junction box.
- POWER SUPPLY MODULATOR Pin 8 connects to the junction box.
- POWER SUPPLY MODULATOR Pin 13 connects to the junction box.
- GRN and TAN lines from the POWER SUPPLY MODULATOR connect to the junction box.

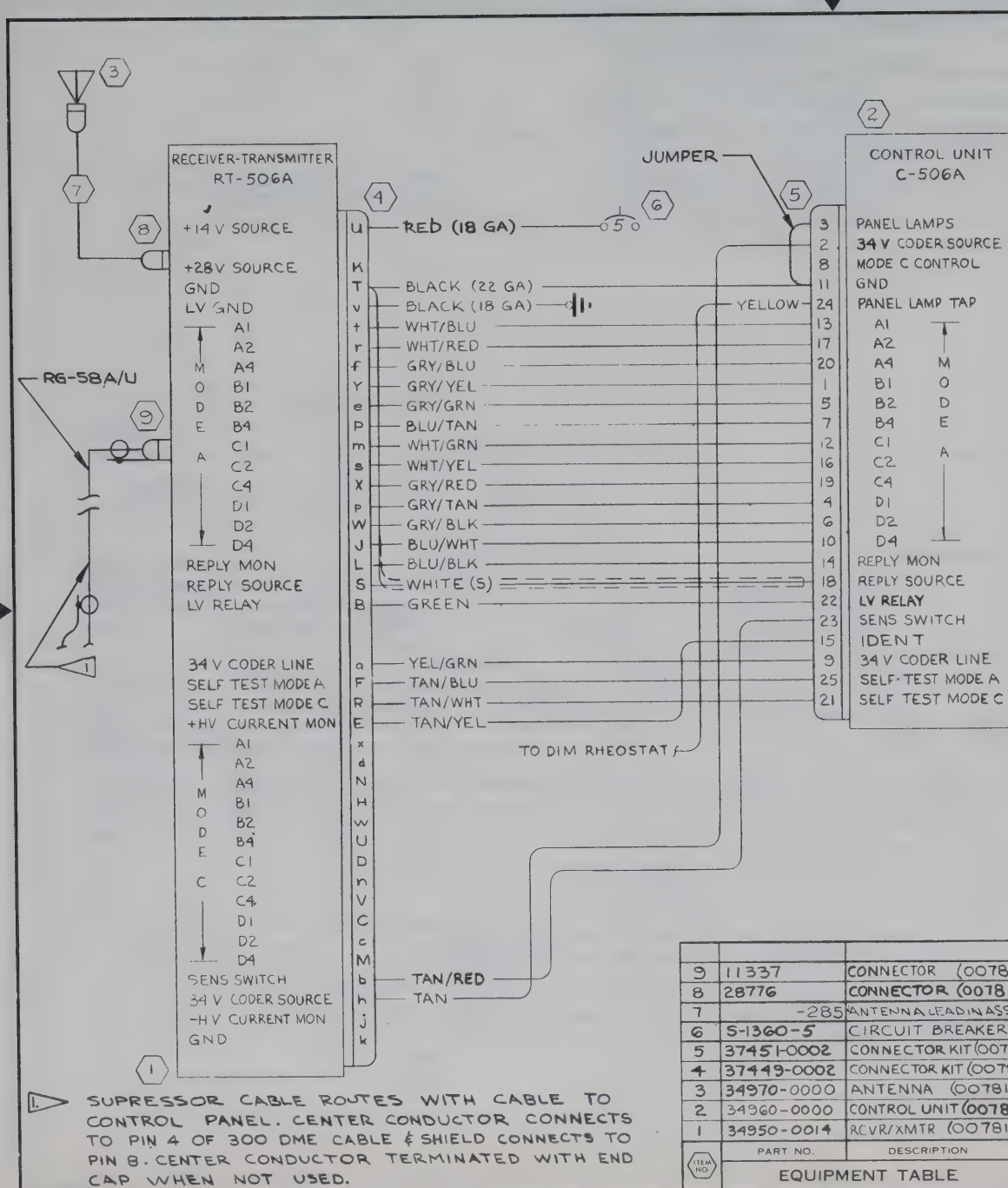
A hand-drawn wiring diagram showing the connection between three components: an XCVR, a POWER SUPPLY MODULATOR, and an AUDIO JUNCTION BOX P3.

- XCVR (Component 1):** A rectangular box with terminals 13, 26, and 24. It is connected to the AUDIO JUNCTION BOX P3 via three wires labeled BLUE, WHT/BLK, and YELLOW.
- POWER SUPPLY MODULATOR (Component 2):** A rectangular box with terminals 4, 1, and 8. It is connected to the AUDIO JUNCTION BOX P3 via two wires labeled GRN and TAN.
- AUDIO JUNCTION BOX P3 (Component 3):** A rectangular box with terminals 3, 5, 6, 4, and 8. It is connected to the XCVR and POWER SUPPLY MODULATOR.

The diagram includes numbered callouts (1, 2, 3, 4, 5, 6, 7, 8) for each component and terminal. The wires are color-coded: BLUE, WHT/BLK, YELLOW, GRN, and TAN.

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.		SUPERSEDED: P.2.45.1.2 SUPERSEDED BY:	

FD/RR 02384 (SR5852) IX



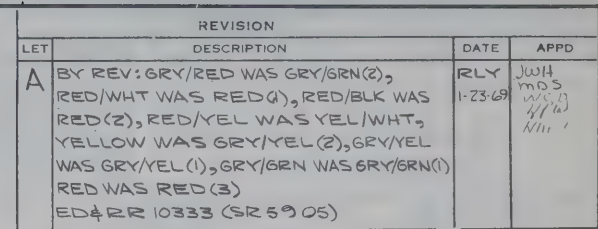
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

TAN/YEL	22	-22-10-4	SOLDER	SOLDER	
CABLE	RG-58A/U	UG-88C/U			
TAN/WHT	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/WHT	22	-22-6-9			
WHITE	20(S)	S-1461-20-9			
BLU/BLK	22	-22-6-0			
YEL/GRN	20	-20-4-5			
GREEN	20	-20-5			
YELLOW	20	-20-4		SOLDER	
RED	18	-18-2		S-1367-2-B	
BLACK	18	-18-0		S-1367-2-B	
BLACK	22	-22-0	SOLDER	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO.			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	H. Wise	7-22-68	TITLE		
DRAWN	SCRAPER	7-20-68	WIRING DIAGRAM -		
CHECK	HARRIS	7-18-68	CESSNA 400 TRANSPONDER		
STRESS			(ARC TYPE 506A)		
PROJECT			SIZE	CODE IDENT.	DWG NO
APPD			C	71379	0770750
			SCALE: NONE	182	PAGE 2.46.0

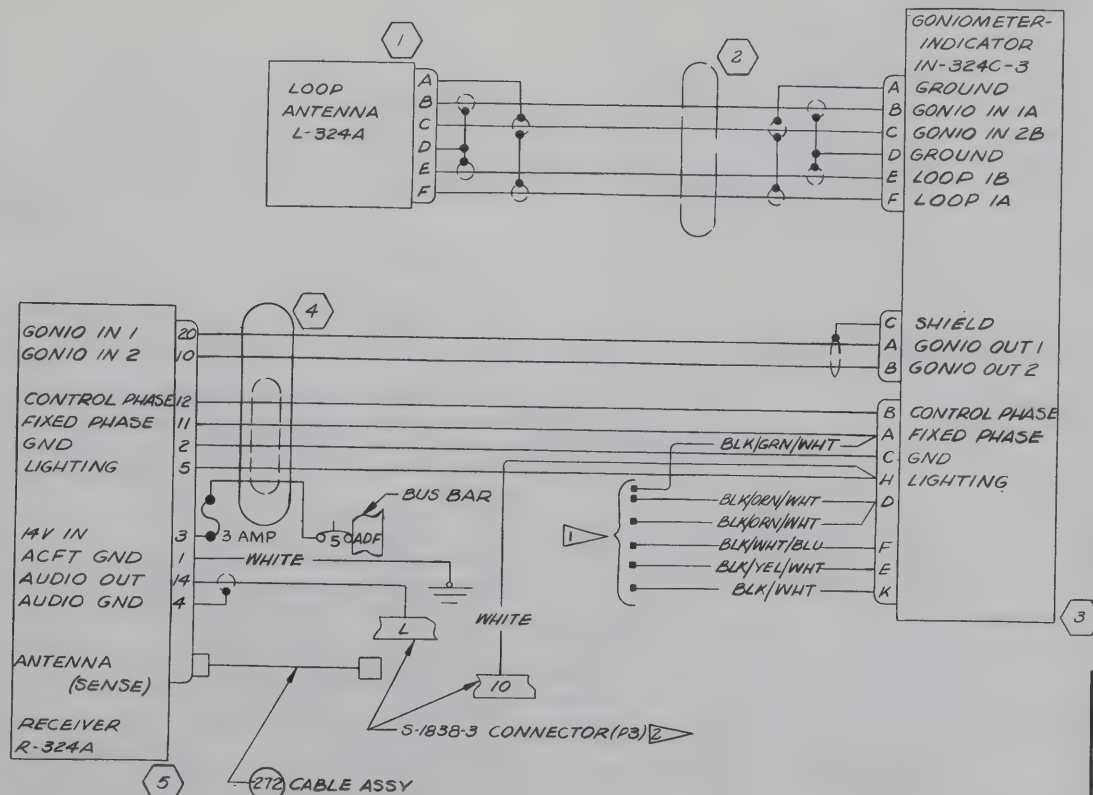
9	11337	CONNECTOR (00781)
8	28776	CONNECTOR (00781)
7	-285	ANTENNA LEAD IN ASSY
6	S-1360-5	CIRCUIT BREAKER
5	37451-0002	CONNECTOR KIT (00781)
4	37449-0002	CONNECTOR KIT (00781)
3	34970-0000	ANTENNA (00781)
2	34960-0000	CONTROL UNIT (00781)
1	34950-0014	RCVR/XMTR (00781)
EQUIPMENT TABLE		



CONTRACT NO:			WIRE TABLE COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS Cessna AIRCRAFT CO.		
DESIGN	VR 5125	8/9-68	TITLE WIRING DIAGRAM — CESSNA 300 TRANSPONDER		
GROUP	H. W. 1	11-1-68			
DRAWN	YOUNGERS	10-30-68			
CHECK	HACCIS	11-5-68			
STRESS	W. DAVE	11-11-68			
PROJECT	11/1/68	11. 15	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANEY	11-7-68	C	71379	0770750
			SCALE: NONE		182
					PAGE: 2.48.1

	PAR. 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.		SUPERSEDED: SUPERSEDED BY:	

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: P.2.49.0 WAS P.2.47.1 (SR5852) II	LES 8-26-68	JWH MDS H/W



NOTES:

- 1 THESE WIRES TO BE CUT & CAPPED APPROX 2" FROM PLUG.
- 2 WIRE TERMINALS 5-1837-1

ITEM NO.	PART NO.	DESCRIPTION	PAGE
5	36380-1000	RECEIVER	3.30
4	38422-0014	CABLE ASSY	3.30
3	38450-0003	GONIOMETER IND.	3.30
2	33827	LOOP CABLE ASSY	6.11
1	36420-1100	LOOP ANTENNA	6.11
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:			

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:					
DESIGN	G WOOD	8-1-68	Cessna AIRCRAFT CO.		
GROUP	H. Wile	7-29-68	COMMERCIAL AIRCRAFT DIV.		
DRAWN	E. YARBROUGH	7-24-68	5800 E. PAWNEE		
CHECK	HARRIS	7-24-68	WICHITA, KANSAS		
STRESS	R.F. GEIDE	7-29-68	TITLE		
PROJECT	P. J. J.	7-24-68	WIRING DIAGRAM -		
APPD	MDS	7-26-68	CESSNA 400 ADF		
SIZE	C	71379	CODE IDENT. NO.	0770750	
SCALE	NONE	1/8"	DWG NO.		
PAGE: 2.49.0					

(SR 5852) II' ED & RR 02388

REVISION			
REV	DESCRIPTION	DATE	APPD

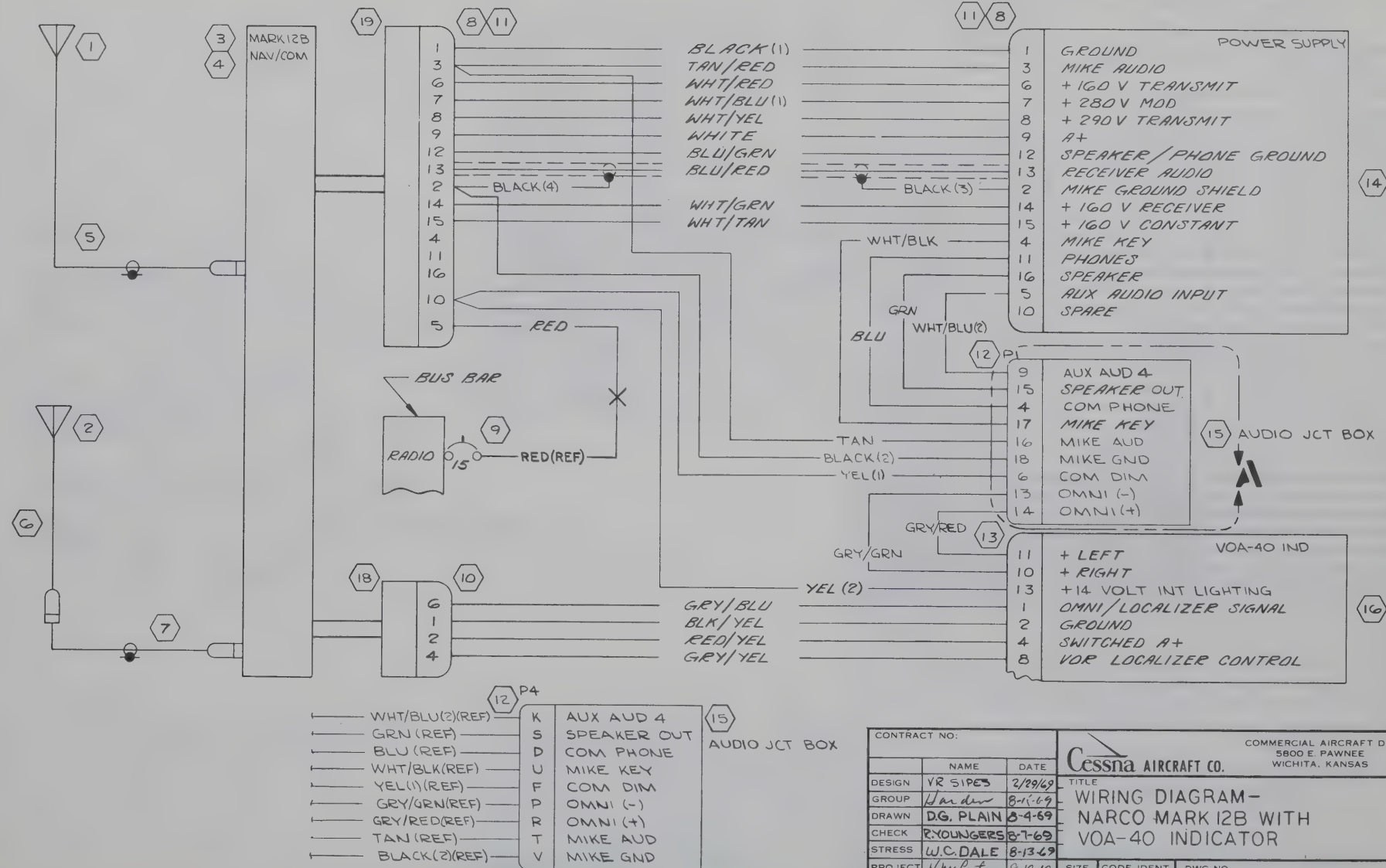
BLACK(4)	22	-22-0	SOLDER	SOLDER		
BLACK(3)	22	-22-0	SOLDER	SOLDER		
BLACK(2)	22	-22-0	SOLDER	S-1837-1		
TAN	22	-22-10	SOLDER	S-1837-1		
WHT/BLU(2)	22	-22-9-6	SOLDER	S-1837-1		
WHITE	14	-14-9	SOLDER	SOLDER		
BLACK(1)	16	-16-0	SOLDER	SOLDER		
RED	16	-16-2	S-1370-2	SOLDER		
YEL (1)	18	-18-4	SOLDER	S-1837-1		
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				
GRY/GRN	22	-22-8-5		S-1837-1		
TAN/RED	22	-22-10-2		SOLDER		
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		
W RE, CABLE NO	1/4	MATER AL	LG	TERMINALS	SERIALS	

19	41181-3	CONNECTOR	
18	41117-1	CONNECTOR	
16	VOA-40	INDICATOR	3.33.0
15	0570084-1	JCT BOX ASSY	7.15
14	T(12)MP-12A-1	PWR AUDIO UNIT	4.14
13	1773-100	CONN KIT ASSY	2.51.0
12	S-1838-2	HOUSING	2.51.0
11	K41182-2	CAP	2.51.0
10	K41116-1	CONNECTOR	2.51.0
9	S-1360-15	CIRCUIT BREAKER	3.33.0
8	K41271-1	PLUG	2.51.0
7	-202	CABLE ASSY	2.2
6	1270013-1	BALUN STUB	6.2.0
5	-270	CABLE ASSY	2.1
4	MK-12B	NAV/COM(360 CHAN)	3.33.0
3	MK-12B	NAV/COM(90 CHAN)	3.33.0
2	1270012-1	ANTENNA - NAV	6.2.0
1	0598501-0102	ANTENNA-COMM	6.15
ITEM NO	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.		SUPSEDES: SUPSEDED BY:

CONTRACT NO			WIRE TABLE		
DESIGN	VR SIPS	2/29/67	Cessna AIRCRAFT CO.		
GROUP	Har du	8-15-69	COMMERCIAL AIRCRAFT DIV. 5800 E PAWNEE WICHITA, KANSAS		
DRAWN	D.G. PLAIN	8-4-69	TITLE		
CHECK	R.YOUNGERS	8-7-69	WIRING DIAGRAM -		
STRESS	W.C. DALE	8-15-69	NARCO MARK 12B WITH		
PROJECT	11111111	8-14-67	VOA-40 INDICATOR		
APPD	M.H. Young	8-12-67			
SIZE	C	71379	CODE IDENT. NO.	DWG NO.	0770750
SCALE: NONE		182	PAGE: 2.51.1		

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



DETAIL
(2ND INSTL)

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	YR 51PES	2/29/69	TITLE		
DRAWN	D.G. PLAIN	8-4-69	WIRING DIAGRAM-		
CHECK	R. YOUNGERS	8-7-69	NARCO MARK 12B WITH		
STRESS	W.C. DALE	8-13-69	VOA-40 INDICATOR		
PROJECT	N. H. Carter	8-19-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	M. J. Young	8-12-67	C	71379	0770750
SUPERSEDES:			SCALE: NONE	182	PAGE: 2.51.2

ED FRR 10438 18260056 F ON

REVISION			
LET	DESCRIPTION	DATE	APPD

BLACK(5)	22	-22-0	S-1635-1	S-1635-1		
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	22	-22-9-6	SOLDER	S-1837-1		
TAN/WHT	22	-22-10-9	SOLDER	S-1635-1		
TAN/BLU	22	-22-10-6	SOLDER	S-1635-1		
TAN/YEL	22	-22-10-4	SOLDER	S-1635-1		
BLK/YEL	22	-22-0-4	SOLDER	S-1635-1		
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				

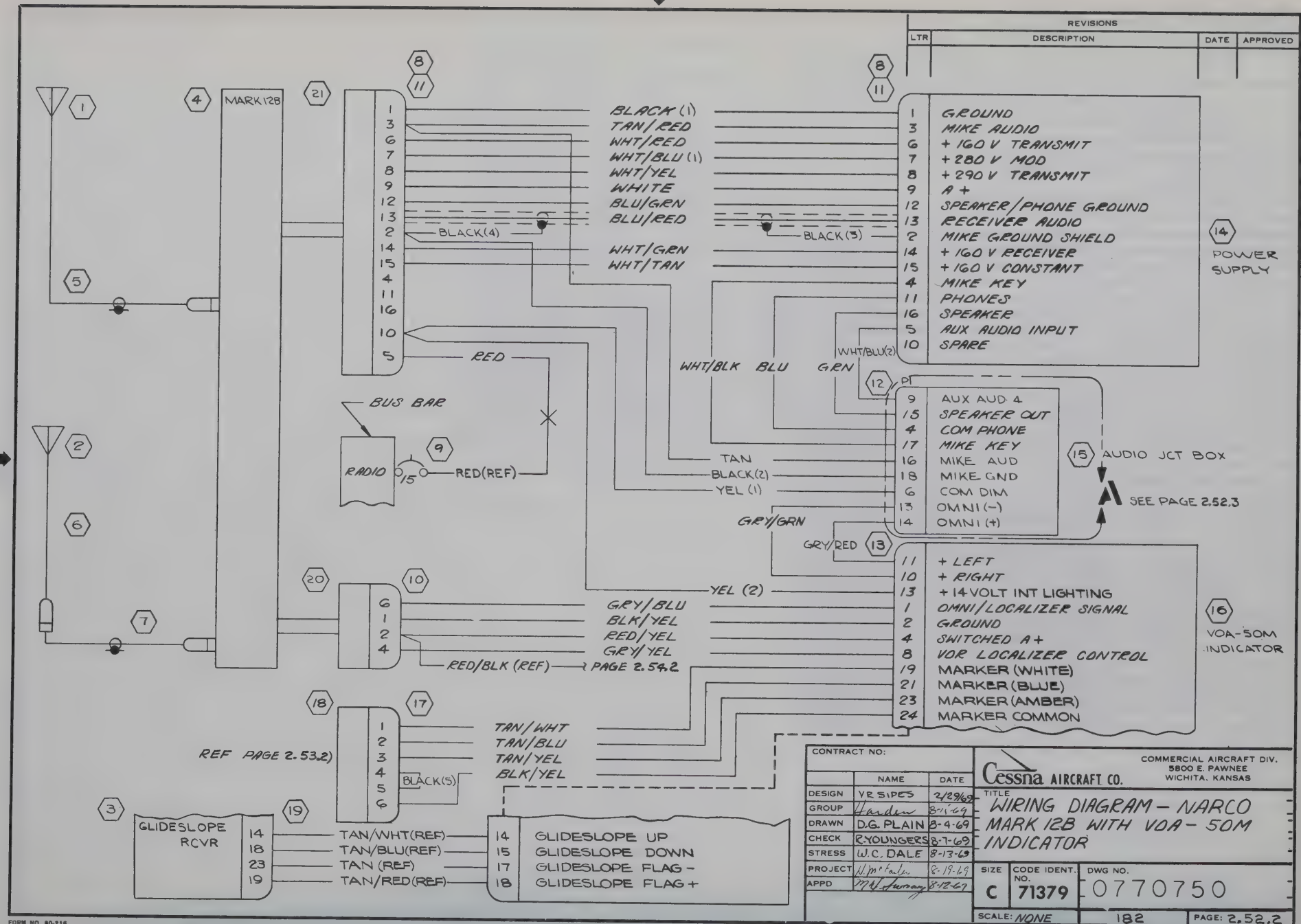
21	41181-3	CONNECTOR	
20	41117-1	CONNECTOR	
19	41223-2	CONNECTOR	2.52.0
18	S-1641-6	HOUSING-SOCKET	2.53.0
17	S-1640-6	HOUSING-PIN	2.52.0
16	VOA-50M	INDICATOR	3.33.0
15	0570084-1	JCT BOX ASSY	7.15
14	T(12)MP-12A-1	PWR AUDIO UNIT	4.14
13	1TT3-100	CONN KIT ASSY	2.52.0
12	S-1838-2	HOUSING	2.52.0
11	K41182-2	CAP	2.52.0
10	K41116-1	CONNECTOR	2.52.0
9	S-1360-15	CKT BKR	3.33.0
8	K41271-1	PLUG	2.52.0
7	-202	CABLE ASSY	2.2
6	1270013-1	BALUN STUB	6.2.0
5	-270	CABLE ASSY	2.1
4	MK-12B	NAV/COM(360 CHAN)	3.33.0
3	UGR-2	GLIDESLOPE RCVR	4.25
2	1270012-1	ANT. - NAV	6.2.0
1	0598501-0102	ANT. - COMM	6.15
ITEM NO.	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:

GRY/RED	22	-22-8-2				
GRY/GRN	22	-22-8-5		S-1837-1		
TAN/RED	22	-22-10-2		SOLDER		
WHT/RED	22	-22-9-2				
WHT/BLU	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 CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

WIRE TABLE

CONTRACT NO:			CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	VR 51PES	2/29/69	TITLE	
GROUP	Hardw	8-16-69	WIRING DIAGRAM -	
DRAWN	D.G. PLAIN	8-4-69	NARCO MARK 12B WITH	
CHECK	R.YOUNGERS	8-7-69	VOA-50M INDICATOR	
STRESS	W.C. DALE	8-13-69		
PROJECT	N.M. Lister	8-19-69		
APPD	M. J. Swamy	8-22-69		
SIZE	C	CODE IDENT. NO.	DWG NO.	
		71379	0770750	
SCALE: NONE			182	PAGE: 2.52.1



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

← WHT/BLU(2)(REF)	12	P4	K	AUX AUD 4
← GRN(REF)			S	SPEAKER OUT
← BLU(REF)			D	COM PHONE
← WHT/BLK(REF)			U	MIKE KEY
← TAN(REF)			T	MIKE AUD
← BLACK(2)(REF)			V	MIKE GND
← YEL(1)(REF)			F	COM DIM
← GRY/GRN(REF)			P	OMNI (-)
← GRY/RED(REF)			R	OMNI (+)

15 AUDIO JCT BOX

DETAIL A
(2ND INSTL)

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS																		
<table border="1"> <tr> <th>NAME</th> <th>DATE</th> </tr> <tr> <td>DESIGN</td> <td>VR SIPS 2/29/62</td> </tr> <tr> <td>GROUP</td> <td>Harden 8-5-69</td> </tr> <tr> <td>DRAWN</td> <td>DG PLAIN 8-4-69</td> </tr> <tr> <td>CHECK</td> <td>R-YOUNGERS 8-7-69</td> </tr> <tr> <td>STRESS</td> <td>W.C. DALE 8-13-69</td> </tr> <tr> <td>PROJECT</td> <td>N. M. Carter 8-19-69</td> </tr> <tr> <td>APPD</td> <td>M. J. Young 8-12-69</td> </tr> </table>			NAME	DATE	DESIGN	VR SIPS 2/29/62	GROUP	Harden 8-5-69	DRAWN	DG PLAIN 8-4-69	CHECK	R-YOUNGERS 8-7-69	STRESS	W.C. DALE 8-13-69	PROJECT	N. M. Carter 8-19-69	APPD	M. J. Young 8-12-69	Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM - NARCO MARK 12B WITH VOA - 50M INDICATOR		
NAME	DATE																				
DESIGN	VR SIPS 2/29/62																				
GROUP	Harden 8-5-69																				
DRAWN	DG PLAIN 8-4-69																				
CHECK	R-YOUNGERS 8-7-69																				
STRESS	W.C. DALE 8-13-69																				
PROJECT	N. M. Carter 8-19-69																				
APPD	M. J. Young 8-12-69																				
SIZE C			CODE IDENT. NO. 71379	DWG NO. 0770750																	
SCALE: NONE			182		PAGE: 2.52.3																

REVISION			
LET	DESCRIPTION	DATE	APPD

BLK (1)	18	-18-0	SOLDER	S-1367-1-B		
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/WHT	22	-22-10-9		S-1636-2		
GRY/BLU	22	-22-8-6		SOLDER		
BLK (2)	22	-22-0		S-1367-1-B		
BLK (3)	22	-22-0		S-1367-1-B		
WHT/GRN	22	-22-9-5		S-1636-1		
WHT/BLU	22	-22-9-6	↓	S-1636-1		
WHT/TAN	22	-22-9-10	SOLDER	S-1370-1		
RED	18	-18-2	S-1837-1	S-1367-1-B		
WHT/BLK	22	-22-9-0	SEE TAN/WHT	S-1370-1		
WHT/RED	22	-22-9-2	SEE TAN/BLU	S-1370-1		
WHT/YEL	22	-22-9-4	SEE TAN/YEL	S-1370-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

15	VAL 3-12	RESISTOR	2.53.0
14	S-1696-4	SWITCH	2.53.0
13	F4	DIODE	2.53.0
12	S-1640-6	HOUSING - PIN	2.52.0
11	S-1641-6	HOUSING - SOCKET	2.53.0
10	S-1360-10	CIRCUIT BREAKER	
9	S-1696-2	SWITCH	2.53.0
8	S-1695-1	SWITCH	2.60.1
7	S-1838-1	HOUSING	2.53.0
6	S-1838-3	HOUSING	2.53.0
5	28371-0009	CONNECTOR	2.53.0
4	0770681-1	ANTENNA	6.6
3	-205	CABLE ASSY	2.9
2	0570084-1	JCT BOX ASSY	7.15
1	31240-0014	RECEIVER	4.5

ITEM NO.	PART NO.	DESCRIPTION	PAGE
		EQUIPMENT TABLE	

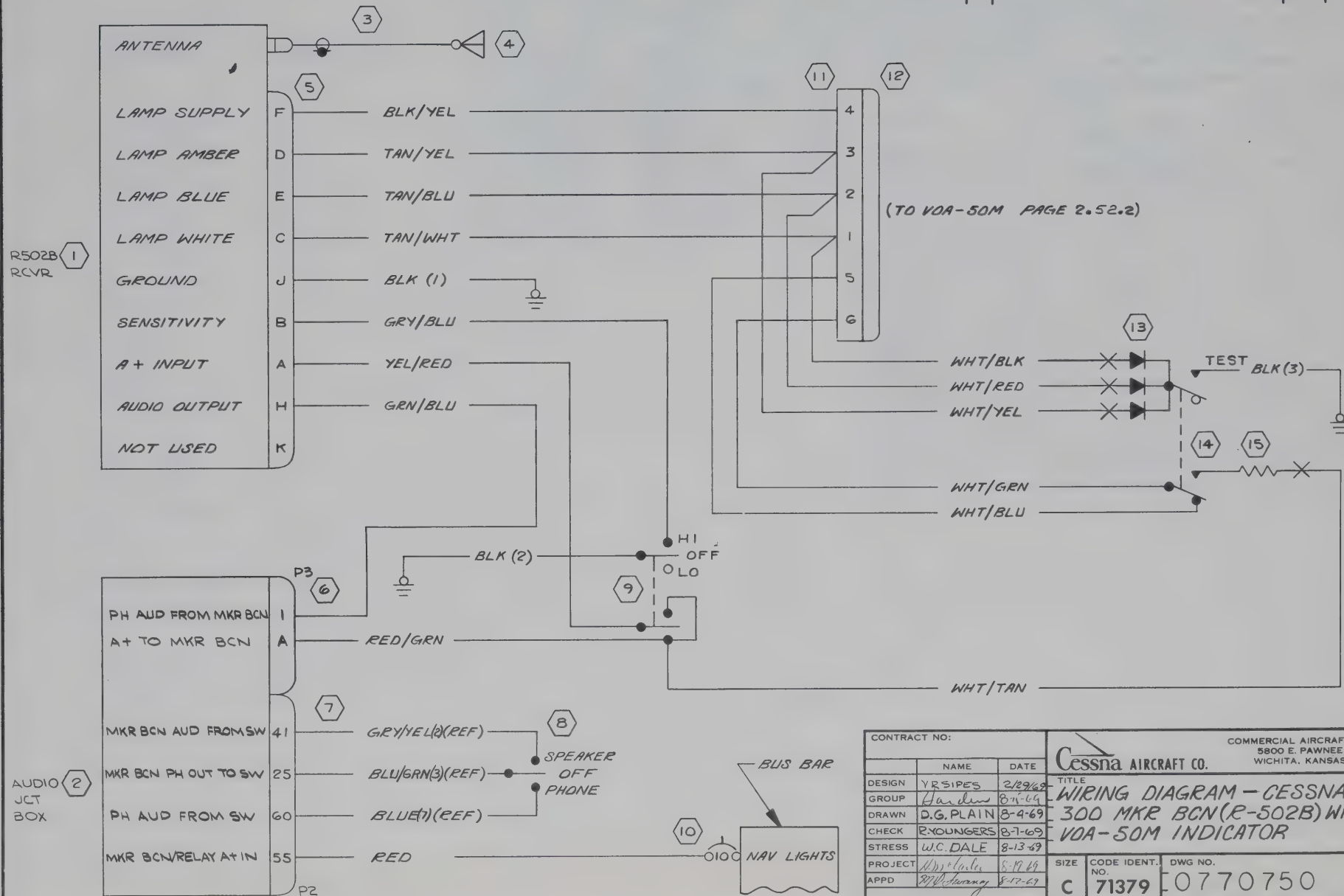
CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXX=CESSNA
STD. NO.

SUPERSEDES:

SUPERSEDED BY:

CONTRACT NO.			WIRE TABLE		
			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN VR SITES 2/29/69			Cessna AIRCRAFT CO.		
GROUP <i>Hindus</i> 8-7-69			TITLE		
DRAWN D.G. PLAIN 8-4-69			WIRING DIAGRAM -		
CHECK RYOUNGERS 8-7-69			CESSNA 300 MKR BCN (R-502B)		
STRESS W C DALE 8-13-69			WITH VOA-50M INDICATOR		
PROJECT <i>H.M. Carter</i> 8-19-69			SIZE	CODE IDENT. NO.	DWG NO.
APPD <i>H.M. Carter</i> 8-12-69			C	71379	0770750
			SCALE: NONE	182	PAGE: 2.53.1

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN YRSIPES		Cessna AIRCRAFT CO.	
GROUP <i>Harden</i>		TITLE	
DRAWN D.G. PLAIN		WIRING DIAGRAM - CESSNA	
CHECK R. YOUNGERS		300 MKR BCN (R-502B) WITH	
STRESS W.C. DALE		VOA-50M INDICATOR	
PROJECT <i>W. J. G. 8-19-69</i>		SIZE C	CODE IDENT. NO. 71379
APPD <i>W. J. G. 8-12-69</i>		DWG NO. 0770750	
SCALE: NONE		182	PAGE: 2.53.2

REVISION			
LET	DESCRIPTION	DATE	APPD

BLK (2)	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	SOLDER	SOLDER		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

12	MRA-145	PIGTAIL	2.54.0
11	-293	CABLE ASSY	2.11
10	MK-12B	NAV/COM UNIT	3.33.0
9	1773-100	CONN KIT ASSY	2.52.0
8	K4116-1	CONNECTOR	2.52.0
7	41247-102	CONNECTOR	2.54.0
6	470Ω 1/4 W	RESISTOR	2.54.0
5	1KΩ 1/4 W	RESISTOR	2.54.0
4	41291-101	CONNECTOR	2.54.0
3	1200098-1	GLIDESLOPE ANTENNA	6.7
2	VOA-50M	INDICATOR	3.33.0
1	UGR-2	RECEIVER	4.25

ITEM NO.	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: P 2.37.1			
SUPERSEDED BY:			

CONTRACT NO.			WIRE TABLE		
DESIGN	VR SIPS	2/29/62	Cessna AIRCRAFT CO.		
GROUP	Handwritten	8-16-64	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DRAWN	D.G. PLAIN	8-4-69	TITLE		
CHECK	RYOUNGERS	8-1-69	WIRING DIAGRAM -		
STRESS	W.C. DALE	8-13-69	UGR-2 GLIDESLOPE WITH NARCO		
PROJECT	Handwritten	8-9-69	MARK 12B & VOA-50M INDICATOR		
APPD	Handwritten	8-12-69	SIZE	CODE IDENT. NO.	DWG NO.
			C	71379	0770750
SCALE: NONE			182	PAGE: 2.54.1	

ED & RR 10438 18260056 & ON

NOTES:

- 1 74403 CONNECTOR (12338) SUNAIR
NUMBER FOR UG88C/U CONNECTOR (07497)
- 2 90873 CONNECTOR (12338) SUNAIR
NUMBER FOR PL-259 CONNECTOR (07497)
- 3 74702 CONNECTOR (12338) SUNAIR
NUMBER FOR UG-536B/U CONNECTOR (07497)

REVISION			
LET	DESCRIPTION	DATE	APPD

WHT/BLK	22	-22-9-0	S-1370-1	SOLDER		
WHT/BLK	22	-22-9-0	SOLDER	S-1370-1		
WHT	20	-20-9	SOLDER	SOLDER		
BLK/WHT	18	-18-0-9	SOLDER	SOLDER		
TAN	22	-22-10	SOLDER	S-1837-1		
RED/GRN	20	-20-2-5	SOLDER	SOLDER		
RED/BLU	16	-16-2-6	SOLDER			
RED/BLK	18	-18-2-0	SOLDER			
RED/BLK	18	-18-2-0	SOLDER			
RED	12	-12-2	S-136738			
GRN/WHT	20	-20-5-9	SOLDER			
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	22S	-22-6-10				
BLU/RED	22S	-22-6-2		SOLDER		
BLU	22	-22-6		S-1837-1		
BLK(2)	12	-12-0		S-136738		
BLK(1)	20	-20-0	SOLDER	S-136718		

RF3	RG58 A/U	2	2
RF2	RG58 A/U	1	3
RF1	RG58 A/U	1	1
YEL	18	-18-4	SOLDER S-1837-1
YEL/TAN	20	-20-4-10	SOLDER SOLDER
YEL/RED	20	-20-4-2	SOLDER SOLDER
YEL/GRN	20	-20-4-5	SOLDER SOLDER
YEL/BLK	18	-18-4-0	S-1370-1 SOLDER
YEL/BLK	18	-18-4-0	SOLDER S-1370-1
WHT/BLK	22	-22-9-0	S-1370-1 S-1837-1

10	8899	CABLE	4.29
9	74996	PLUG	2.55.0
8	PA1010	POWER AMPL	4.30
7	74726	PLUG	2.55.0
6	74362	PLUG	2.55.0
5	CU-1000A	ANT. COUPLER	4.29
4	ASB-125	RECEIVER/EXCITER	3.35
3	S-1838-2	HOUSING	2.55.0
2	0570084-1	AUDIO JCT BOX	7.15
1	S-1360-20	CIRCUIT BREAKER	3.35

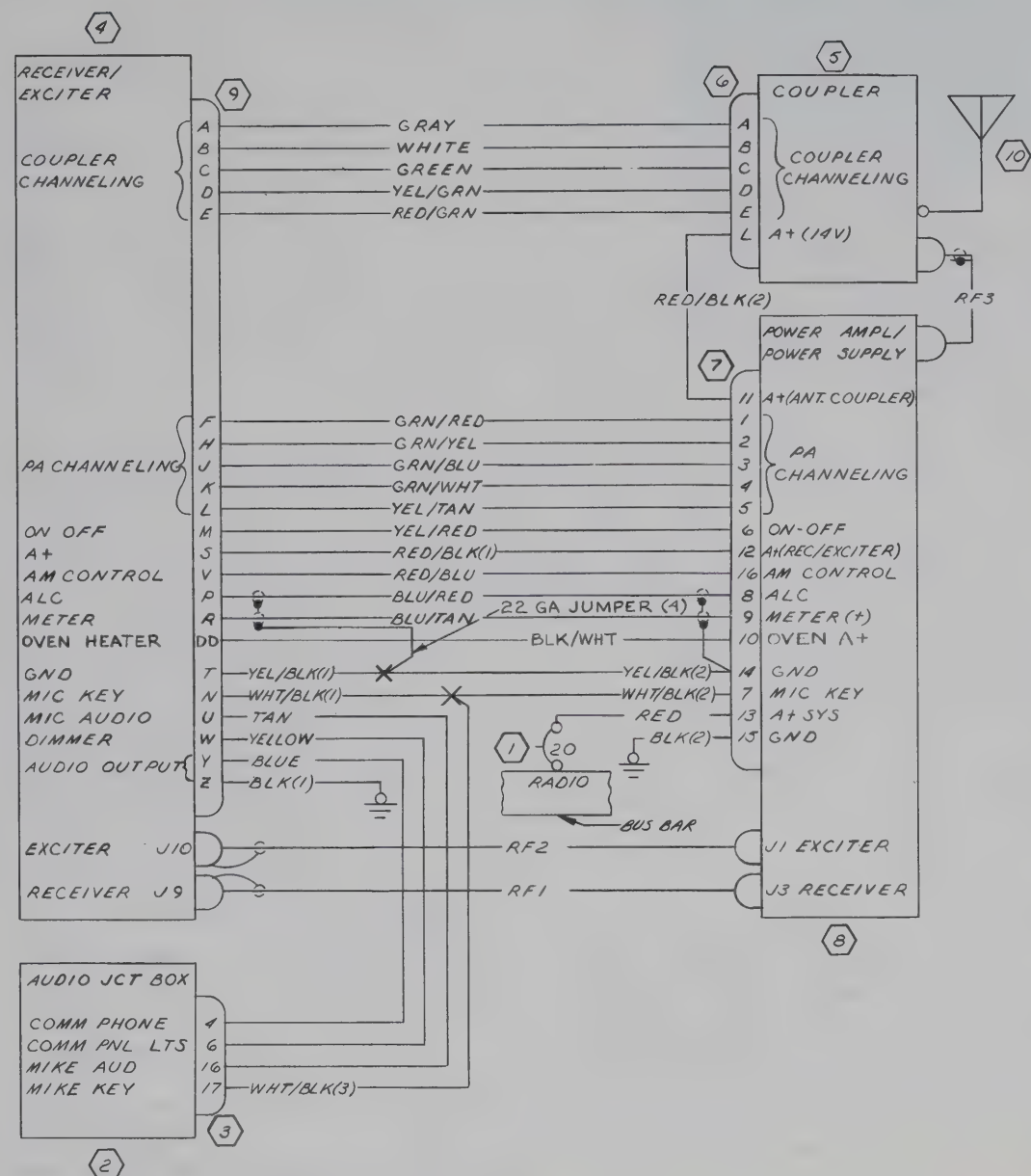
ITEM NO.	PART NO.	DESCRIPTION	PAGE
----------	----------	-------------	------

CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.	SUPERSEDES: SUPERSEDED BY:
--	-----------------------------------

CONTRACT NO:			WIRE TABLE		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	H. WOOD	9-3-69	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DRAWN	JR CONLEY	8-27-69	TITLE		
CHECK	J. HARRIS	8-28-69	WIRING DIAGRAM —		
STRESS	J. DALE	8-29-69	SUNAIR-SSB HF (ASB-125)		
PROJ	N. WOOD	9-4-69	SIZE	CODE IDENT.	DWG NO
APPD	M. WOOD	8-29-69	C	71379	0770750
OTHER			SCALE: NONE	182	PAGE: 2.55.1

WIRE TABLE

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	A. W. Lee	8-29-69	TITLE		
DRAWN	J. R. CONLEY	8-29-69	WIRING DIAGRAM-SUNAIR		
CHECK	J. HARRIS	8-28-69	SSB HF(ASB-125)		
STRESS	W. DALE	8-29-69			
PROJECT	W. Lee	8-29-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	W. Lee	8-29-69	C	71379	0770750
SCALE: NONE			182	PAGE: 255.2	

[illegible]

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.

NOTES:

1. ALL CONNECTORS ARE VENDOR SUPPLIED
IN KIT NO. 38411 EXCEPT FOR S-1838-1 HOUSING
2. GROUND AS CLOSE TO ACTUATOR UNIT
AS POSSIBLE

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD S-1838-1 & 0570084-1; ADD EXCEPTION TO NOTE 1; S-1837-1 WAS SOLDER ON GRV/RED & GRV/GRN WIRES ED & RR 03404 (SR 5852) IX	EGY. 7/10/68	GRV MDS NFC WFW NMC
B	BY REV: ADD S-1838-2, 1270449-10, 1270449-3, 1270449-4, 1270449-5, 1270449-1; DELETE S-1880-3, S-1360-5 WAS CA2 ED & RR 10591 (SR 5751)	MARIO 8/29/69	RLX MDS WFW NMC

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		S-1367-1-B		
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		SOLDER		
GRV/GRN	22	-22-8-5		S-1837-1		
GRV/RED	22	-22-8-2		S-1837-1		
YELLOW	20	-20-4		S-1837-1		
GREEN	20	-20-5				
GRV/YEL	22	-22-8-4				
BLU/WHT	22	-22-6-9				
GRV/BLU	22	-22-8-6				
BLUE	22	-22-6				
YEL/TAN	20	-20-4-10				
YEL/RED	20	-20-4-2	SOLDER	SOLDER		

CONTRACT NO:			Cessna AIRCRAFT CO.			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE					
GROUP	H. WIND	5-29-68	WIRING DIAGRAM -					
DRAWN	YOUNGERS	5-7-68	CESSNA 300 NAV-O-MATIC					
CHECK	G. IRVIN	5-10-68	AUTOPILOT (14VOLT)					
STRESS	D. R. BUTT	5-11-68						
PROJECT	PROB. COM	5-15-68						
APPD	SWANEY	5-10-68						
SIZE	CODE IDENT.	DWG NO.						
C	71379	0770610						
SCALE: NONE			182			PAGE: 17.26.0		

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 (B0602)	
15	50328-0002	PLUG (00781)	
14	35060-0014	RATE GYRO (00781)	
13	28460-0000	PLUG (00781)	
12	28326-0009	PLUG (00781)	
11	28505-0009	PLUG (00781)	
10	38423-0001	PLUG (00781)	
9	35070-1014	ROLL ACTUATOR (00781)	
8	28326-0005	PLUG (00781)	
7	30370-0100	DG (00781)	
6	29410-0000	PLUG (00781)	
5	28900-0000	OMNI COUPLER (00781)	
4	28336-0000	PLUG (00781)	
3	28371-0005	PLUG (00781)	
2	28371-0009	PLUG (00781)	
1	35660-1014	CONTROLLER AMPL (00781)	

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.		SUPERSEDES: P17.25.0 & P17.25.1 SUPERSEDED BY:	

BLACK(1)	18	-18-0	SOLDER	S-1367-1-B	
RED	16	-16-2		S-1367-2-B	
RED/BLK(2)	18	-18-2-0		SOLDER	
RED/BLK(1)	18	-18-2-0			
GRN/BLU(2)	20	-20-5-6			
GRN/BLU(1)	20	-20-5-6			
WHT/TAN(2)	22	-22-9-10	SOLDER	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	P206 SERIAL P206-0520 & ON TP206 SERIAL TP206-0520 & ON		
2.0.2	Radio Speaker, Phone Jack, Mike, Light Rheo & Pwr Ckts.	8-8-69	NC-Inac
2.0.3	Schematic Diagram-Audio Junction Box, Internal Wiring	6-12-69	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
2.3.10	Wiring Diagram-Cessna Nav/Com 300R (ARC Type 514R, 515R, 515R-1 & 517R & 540A)	9-13-68	C-Inac
2.3.14	Cessna 300 Nav/Com (Type 540A, 517R with IN525A & IN-514	9-13-68	NC
2.3.15	Cessna 300 Nav/Com (Type 540A, 517R with IN525A & IN-514	9-13-68	NC
2.4.2	W.D. -Cessna 300 Marker Beacon (Type 502B)	3-4-69	A
2.6.0.1	Cable Assy - Audio, Omni & XMTR Selector Switches	3-4-69	A
2.6.1.1	Wiring Diagram-Audio Selector Switch	9-13-68	NC
2.6.2.1	W.D. -Omni Audio XMTR Switch	9-13-68	NC
2.6.3.1	W.D. - Transmitter Selector Switch	10-27-69	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 Comm (ARC TYPE 524A)	9-13-68	NC
2.12	Cessna ADF 300 (ARC Type 521B)	9-13-68	B
2.20.2	Wiring Diagram - Cessna 300 DME	2-18-69	A
2.23.1	Cable Assy - Cessna 300 HF	9-13-68	NC
2.23.2	W.D. - Cessna 300 HF	9-13-68	NC
2.23.3	W.D. - Cessna 300 HF	9-13-68	NC
2.23.4	W.D. - Cessna 300 HF	9-13-68	NC
2.25.2	Wiring Diagram - Narco Mark 12A with VOA-8 & VOA-9	9-30-69	NC-Inac
2.25.3	Wiring Diagram - Narco Mark 12A with VOA-8 & VOA-9	9-30-69	NC-Inac


TITLE:

RADIO DRAWING - MODEL P206 U206

DRAWING NO.
DATE: 15 December 1969

PAGE: 1 of 3

1270675

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

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
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 R543B)	12-20-67	A
2.46.2.1	W.D. - Cessna 400 NAV/Com (ARC Type RT522A & RT532A)	10-27-69	B
2.46.2.2	W.D. - Cessna 400 NAV/Com (ARC Type RT522A & RT532A)	10-27-69	B
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	9-11-69	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
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)	9-13-68	NC
2.56.1	W.D. - Narco Mark 12B with VOA-40 Indicator	9-30-69	NC
2.56.2	W.D. - Narco Mark 12B with VOA-40 Indicator	9-30-69	NC
2.57.1	W.D. - Narco Mark 12B with VOA-50M Indicator	9-30-69	NC
2.57.2	W.D. - Narco Mark 12B with VOA-50M Indicator	9-30-69	NC
2.57.3	W.D. - Narco Mark 12B with VOA-50M Indicator	9-30-69	NC

Cessna.

TITLE:

RADIO DRAWING - MODEL P206 U206

DRAWING NO.

DATE: 15 December 1969

PAGE: 2 of 3

1270675

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

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.58.1	W.D. Cessna 300 Mkr Bcn (R-502B) with VOA-50M Indicator	9-30-69	NC
2.58.2	W.D. Cessna 300 Mkr Bcn (R-502B) with VOA-50M Indicator	9-30-69	NC
2.59.1	W.D. UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	9-30-69	NC
2.59.2	W.D. UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	9-30-69	NC
2.60.1	W.D. SSB (HF) (ASB-125)	11-10-69	A
2.60.2	W.D. - SSB (HF) (ASB-125)	11-10-69	A
	DRAWING NUMBER 1270625		
17.26.0	Nav-O-Matic 400 System	9-29-69	B-Inac
17.26.1	Nav-O-Matic 400 System	9-29-69	B-Inac
17.26.5	Nav-O-Matic 400 System	6-6-68	NC
17.26.6	Cessna Nav-O-Matic 400	9-29-69	NC
17.26.7	Cessna Nav-O-Matic 400	9-29-69	NC
17.26.8	Cessna Nav-O-Matic 400	9-29-69	NC
17.26.9	Cessna Nav-O-Matic 400	9-29-69	NC-Inac
17.26.10	Cessna Nav-O-Matic 400	9-29-69	NC
17.28.0	Cessna 300 Nav-O-Matic Autopilot	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	9-29-69	A
17.29.1	Cessna 300 Nav-O-Matic Autopilot	9-29-69	A
17.29.2	Cessna 300 Nav-O-Matic Autopilot	9-29-69	A



TITLE:
RADIO DRAWING - MODEL P206 U206

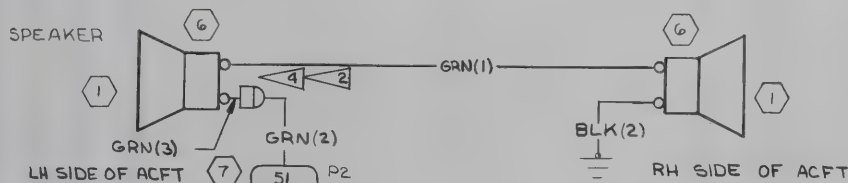
DRAWING NO.

DATE: 15 December 1969

PAGE: 3 of 3

1270675

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



NOTES:

1. AMP RATING OF S-1360 CKT BKR TO BE DETERMINED BY INSTL
2. S-1635-1 PIN & S-1637-1 HOUSING-CAP
3. WIRES TO BE OF SUFFICIENT LENGTH TO ALLOW CONNECTION TO ALL POSSIBLE RADIO COMBINATION TERMINALS TO ATTACH TO WIRES AS REQD BY THE VARIOUS RADIO INSTALLATIONS
4. S-1637-2 HOUSING-PLUG & S-1636-1 SOCKET

TO MIKE JACK

1-TAN-5 TO TAN/RED OF XMTR SEL SW
 2-WHT/BLK-1 TO XMTR SEL SW
 3-BLK(1)-20
 P2

DUAL XCVR INSTL

INST LT DIM RHEOSTAT

RH SIDE OF ACFT

7	5-1838-1	HOUSING	
6	5-1829-1	CONNECTOR	
5	5-1360-10	CIRCUIT BKR	
4	0413126-5	RHEOSTAT	
3	5-1612-1	PHONE JACK	
2	5-1102-1	MIKE JACK	
1	C596505-0101	SPEAKER	
ITEM NO.	PART NO.		DESCRIPTION
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE /ENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.			SUPERSEDES: R2.0.1 SUPERSEDED BY: R2.0.4

WHT/BLK	22	-22-0-0	5-1837-1	SOLDER
TAN	22	-22-10	5-1837-1	SOLDER
RED	16	-16-2	B >	5-1367-2-6
BLUE	22	-22-6	5-1837-1	SOLDER
YEL (2)	18	-18-4	SOLDER	5-1837-1
YEL (1)	18	-18-4	SOLDER	SOLDER
GRN (2)	20	-20-5	5-1837-1	5-1829-1
GRN (1)	20	-20-5	5-1829-1	5-1829-1
BLK (2)	22	-22-0	5-1829-1	5-1367-1-8
BLK (1)	22	-22-0	B >	SOLDER
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
				SERIALS

WIRE TABLE		
CONTRACT NO.		 Cessna AIRCRAFT CO. TITLE
DESIGN	SIPES YR	6748
GROUP	H. Wind	9-4-68
DRAWN	SCRAPER	8-21-68
CHECK	G. IRVIN	5-30-68
STRESS	R.F. GEIDE	9-5-68
PROJECT	Pat Baker	9-1-68
APPD	SWANEY	8-30-68

COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
WIRING DIAGRAM — RADIO SPEAKER, PHONE JACK, MIKE, LIGHT RHEO. & PWR CKTS		
SIZE	CODE IDENT. NO.	DWG NO.
C	71379	1270675
SCALE: NONE		P206 & U206
		PAGE: 2.0.2

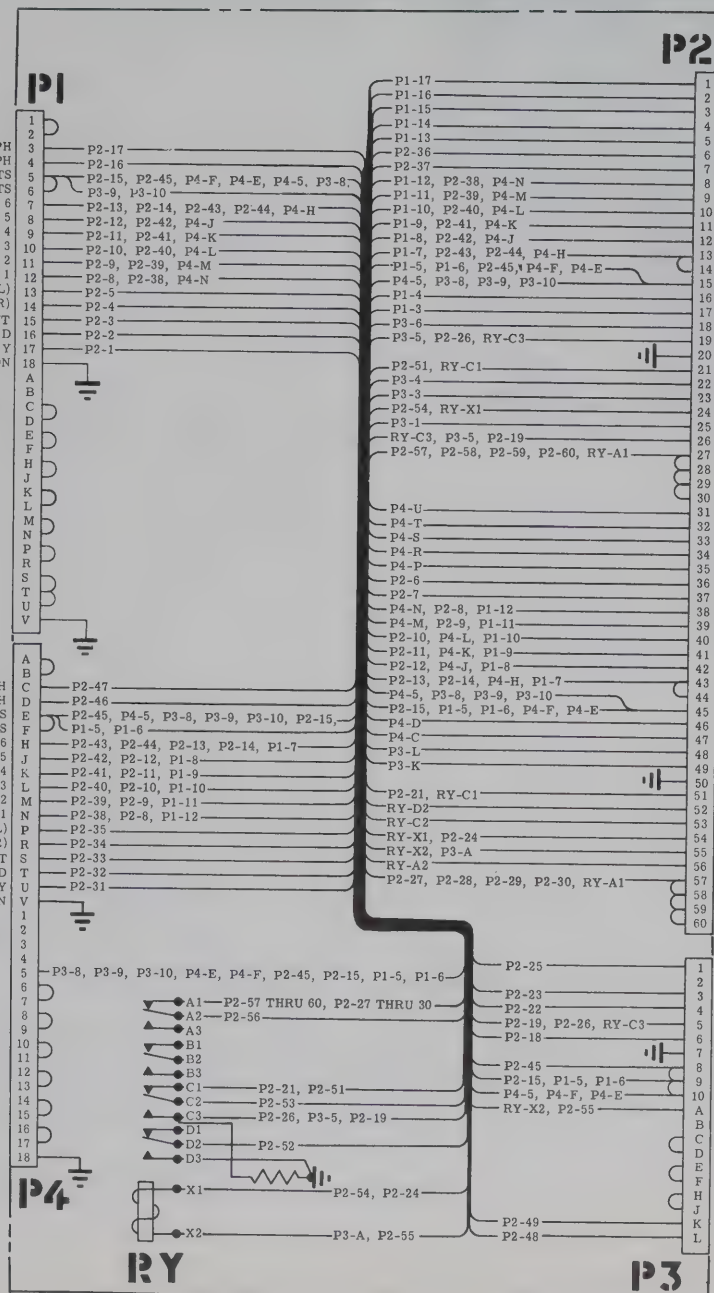
INACTIVE:
EFF SER U206-12354 SER P206-0520
THRU SER U2060444 F SER P20600603
EDERR 8-1-69
9RC LRR
RIT NO 3 HFW

NAV PH
COMM PH
NAV PNL LTS
COMM PNL LTS
AUX AUD 6
AUX AUD 5
AUX AUD 4
AUX AUD 3
AUX AUD 2
AUX AUD 1
OMNI (-L)
OMNI (-R)
SPKR OUTPUT
MIKE AUD
XMTR KEY
AUD COMMON

#1 XCVR

NAV PH
COMM PH
NAV PNL LTS
COMM PNL LTS
AUX AUD 6
AUX AUD 5
AUX AUD 4
AUX AUD 3
AUX AUD 2
AUX AUD 1
OMNI (-L)
OMNI (-R)
SPKR OUTPUT
MIKE AUD
XMTR KEY
AUD COMMON

#2 XCVR



P2

1 #1 XMTR KEY FROM SW
2 #1 XMTR AUD FROM SW
3 #1 SPKR AMP OUT TO SW
4 #1 OMNI (-R) TO SW
5 #1 OMNI (-L) TO SW
6 OMNI (-R) FROM SW
7 OMNI (-L) FROM SW
8 #1 COMM AUD FROM SW
9 #1 NAV AUD FROM SW
10 #2 COMM AUD FROM SW
11 #2 NAV AUD FROM SW
12 DME AUD FROM SW
13 SPARE
14 SPARE
15 SPARE
16 #1 COMM PH OUT TO SW
17 #1 NAV PH OUT TO SW
18 #3 COMM PH OUT TO SW
19 SPKR LOAD
20 AIRCRAFT GROUND
21 TO SHIP'S #1 SPKR
22 #3 XMTR KEY FROM SW
23 #3 XMTR AUD FROM SW
24 FROM #1 MIKE JACK (KEY)
25 MKR BCN PH OUT TO SW
26 SPKR LOAD
27 PH AUD FROM SW
28 PH AUD FROM SW
29 PH AUD FROM SW
30 PH AUD FROM SW
31 #2 XMTR KEY FROM SW
32 #2 XMTR AUD FROM SW
33 #2 SPKR AMP OUT TO SW
34 #2 OMNI (-R) TO SW
35 #2 OMNI (-L) TO SW
36 OMNI (-R) TO AP
37 OMNI (-L) TO AP
38 SPARE
39 SPARE
40 SPARE
41 MKR BCN AUD FROM SW
42 ADF AUD FROM SW
43 SPARE
44 SPARE
45 DIAL LT REHOSTAT
46 #2 COMM PH OUT TO SW
47 #2 NAV PH OUT TO SW
48 ADF PH OUT TO SW
49 DME PH OUT TO SW
50 GROUND
51 TO SHIP'S #2 SPKR
52 XMTR KEY TO SW
53 SPKR AUD FROM SW
54 FROM #2 MIKE JACK (KEY)
55 MKR BCN/RELAY A+ IN
56 AUD TO PH JACKS
57 PH AUD FROM SW
58 PH AUD FROM SW
59 PH AUD FROM SW
60 PH AUD FROM SW

SHIP'S WIRING
& SWITCHES

1 PH AUD FROM MKR BCN
2 AUD TO #3 XMTR
3 KEY TO #3 XMTR
4 SPKR AUD FROM #3 COMM
5 PH AUD FROM #3 COMM
6 AUD COMMON
7 TO #3 COMM PANEL LIGHTS
8 TO DME PANEL LIGHTS
9 TO ADF PANEL LIGHTS
10 A+ TO MKR BCN

#3 XCVR
+ RECEIVERS

PH AUD FROM DME
PH AUD FROM ADF

P3

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: 465195-2 WAS 46195-2; ADD NOTE 8 EDRR 24170	DGP 5-1-69	

NOTES:

- THIS DRAWING FOR TECHNICAL USE ONLY
- PI 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:			Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS
DESIGN	NAME	DATE	TITLE		
GROUP	VR 3155	1-13-68	SCHEMATIC DIAGRAM - AUDIO JUNCTION BOX, INTERNAL WIRING		
DRAWN	NUCKOLLS	2-7-69			
CHECK	NUCKOLLS	2-4-69			
STRESS	NUCKOLLS	3-7-69			
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270675
			SCALE: NONE U206 P206 PAGE: 2.03		

ED&RR 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	APPD

WHT/BLK	22	22-9-0	S-1837-1	SOLDER		
TAN	22	-22-10	S-1837-1	SOLDER		
RED	16	-16-2	S-1367-26			
BLU	22	-22-6	S-1837-1	SOLDER		
YEL(2)	18	-18-4	SOLDER	S-1829-1		

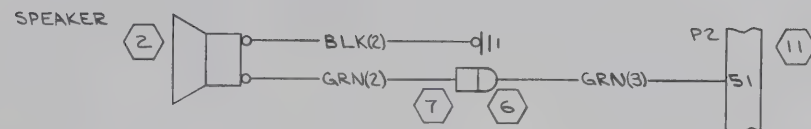
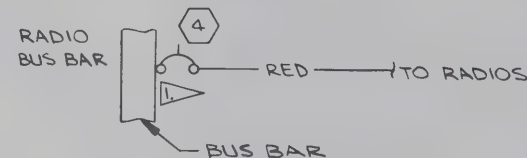
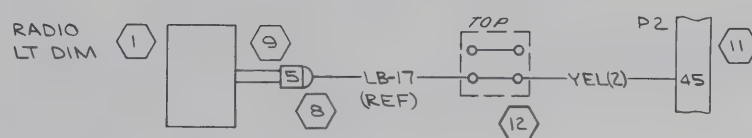
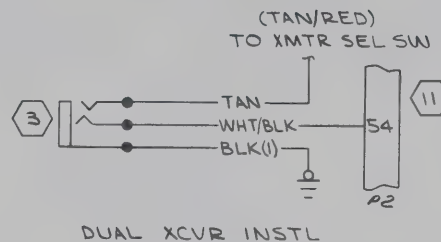
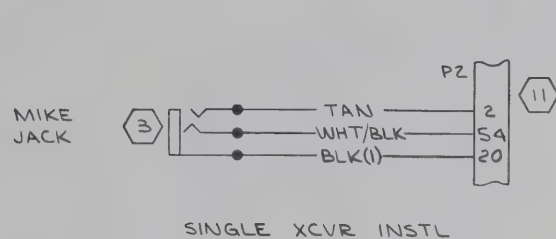
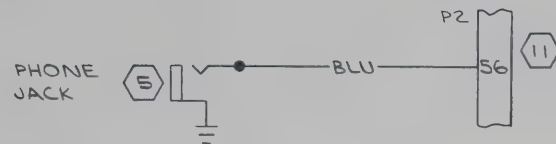
12	34002-55	TERMINAL BOARD (ETNC)	
11	S-1838-1	HOUSING	
10			
9	S-1641-6	HOUSING-SOCKET	
8	S-1640-6	HOUSING-PIN	
7	S-1637-2	HOUSING-PLUG	
6	S-1637-1	HOUSING-CAP	
5	S-1612-1	PHONE JACK	
4	S-1360	CIRCUIT BKR	
3	S-1102-1	MIKE JACK	
2	CS96504-0101	SPEAKER	
1	1570166-1	DIMMING ASSY	

WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
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-1367-18	
BLK(1)	22	-22-0	S-1837-1	SOLDER	

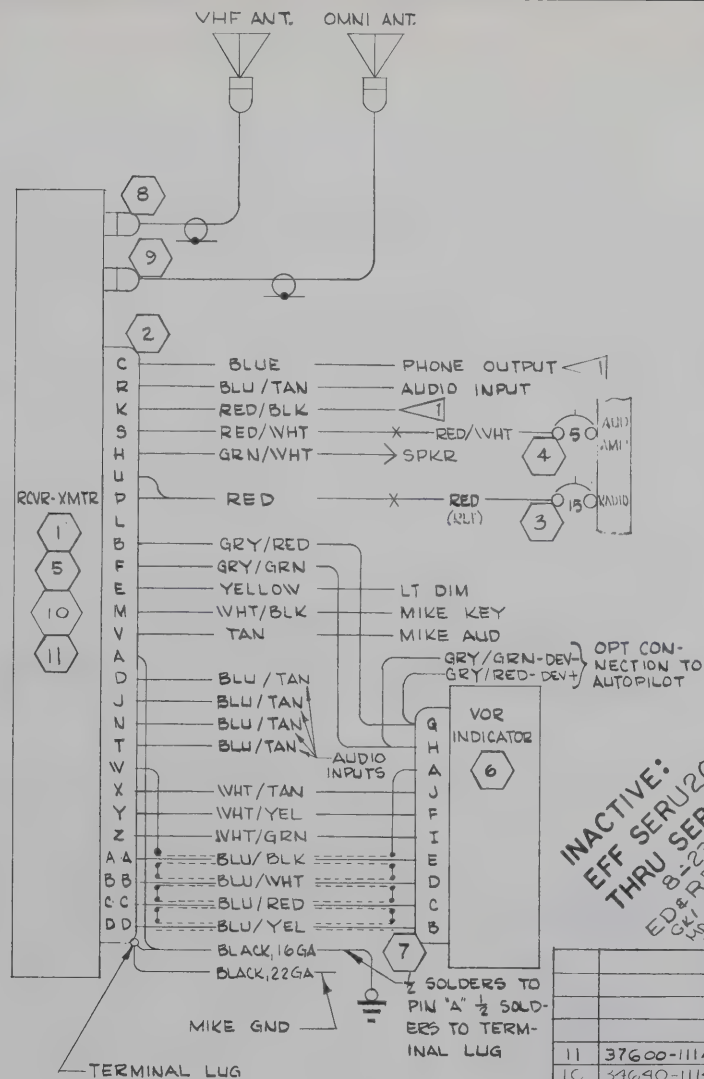
ITEM NO.	PART NO.	DESCRIPTION	VENDOR
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.			
SUPERSEDES: P 2.0.2			
SUPERSEDED BY:			

CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	H. W. W.	8-5-69	WIRING DIAGRAM -		
DRAWN	D.L. BURKE	8-1-69	RADIO SPEAKER, PHONE JACK,		
CHECK	R. YOUNGERS	8-5-69	MIKE, LIGHT DIM & PWR CKTS.		
STRESS	R. W. W.	8-7-69			
PROJ	R. W. W.	8-1-69			
APPD	M. W. W.	8-6-69			
OTHER					
SIZE	CODE IDENT. NO.	DWG NO			
C	71379	1270675			
SCALE: NONE			U206 & P206 PAGE: 2.0.4		

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP			TITLE		
DRAWN			WIRING DIAGRAM -		
CHECK			RADIO SPEAKER, PHONE JACK,		
STRESS			MIKE, LIGHT DIM & PWR CKTS		
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270675
SUPERSEDES:	P2.0.2		SCALE: NONE U206 & P206 PAGE: 2.0.5		



NOTES:

1. ON SINGLE NAV/COM 300R 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, D, J, N, OR T) WITH AN S-1370-1 SPLICE. WHEN THE NAV/COM 300R IS INSTALLED WITH OTHER RADIO UNITS, RED/WHT WIRE CONNECTS TO CKT BKR AS SHOWN & RED/BLK WIRE IS CUT OFF AT CONNECTOR; BLUE WIRE CONNECTS TO WIRE OF A SPKR-PHONE SWITCH & BLU/TAN WIRE CONNECTS TO SPKR TERMINAL OF SPKR-PHONE SWITCH.
 2. S-1537-1 CAP REPLACED WITH S-1367-1-8 TERMINAL WHEN COMBINED WITH OTHER RADIOS.
 3. FOR DUAL 300R INSTALLATION, REF PAGE 2.3.1.1.
 4. WIRE MATERIAL PER S-1460 EXCEPT AS NOTED.
- (NOTES CONT. ON 2.3.1.1)

(C: 115) (SR 1157)

CHG LET	REVISION	BY DATE	CHK APPD
A	ADD ARC TYPE 515R TO TITLE. IN NOTE 3, 300R WAS 514R (S-1461)	GLW 6-1-69	4/11/70
B	BY REV. ADD ARC TYPE 515R-1 & 517R TO TITLE	9-1-70	YAK/JCH
C	ADD 540A TO TITLE (SR 515B) (SR 5159) IS	VRS 9/7/67	RLH

INACTIVE:
EFF SERU206-0276 & P206-0001
THRU SER (U&P) U206-1234 & P206-0519
ED & RR 2-68 LES
GK 7/76

RED/WHT	18	-18-2-9	S-1367-1-6				
BLU/YEL	22	5-1461-22-6-4	SOLDER	SOLDER			
BLU/RED	22	5-1461-22-6-2					
BLU/WHT	22	5-1461-22-6-9					
BLU/BLK	22	5-1461-22-6-0					
WHT/GRN	22	-22-9-5					
WHT/YEL	22	-22-9-4					
WHT/TAN	22	-22-9-10		SOLDER			
BLACK	16	-16-0		S-1367-2-8			
WHT/BLK	22	-22-9-0					
GRY/GRN	22	-22-8-5		S-1557-1			
GRY/GRN	22	-22-8-5		SOLDER			
GRY/RED	22	-22-8-2		S-1557-1			
GRY/RED	22	-22-8-2		SOLDER			
BLU/TAN	22	-22-6-10		S-1557-1		2	
BLU/TAN	22	-22-6-10				2	
BLU/TAN	22	-22-6-10				2	
BLU/TAN	22	-22-6-10				2	
BLU/TAN	22	-22-6-10		S-1557-1		2	
RED/WHT	18	-18-2-9		S-1370-1			
RED/BLK	18	-18-2-0					
BLACK	22	-22-0					
TAN	22	-22-10					
BLUE	22	-22-6					
RED	16	-16-2		S-1370-2			
YELLOW	18	-18-4					
GRN/WHT	20	-20-5-9	SOLDER	S-541-2			

WIRE TABLE

CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

NAME	DATE	TITLE	DWG NO.
DRAWN	BALES	7-2-64	WIRING DIAGRAM —
GROUP	CLM	8-15-64	CESSNA NAV/COM
CHECK		8-15-64	300 R (ARC TYPE
PROJ		8-15-64	514R, 515R, 515R-1, 517R, 540A
SUPERSEDED BY	P.2.3.1.4	SUPERSEDES	1270625 17.77
MODEL	P206-U206	REV.	C
PAGE	2.3.1.0		

PART NO.	DESCRIPTION	INSTALLED ON
11	37600-1114 RCVR/XMTR (ARC TYPE 300R) (ARC)	
10	37640-1114 RCVR/XMTR (ARC)	
9	29752 CONNECTOR (ARC)	
8	29753 CONNECTOR (ARC)	
7	32604 CONNECTOR (ARC)	
6	31640 INDICATOR (ARC)	
5	32856 1614 RCVR/XMTR 360CH (ARC)	
4	S-1360-5 CIRCUIT BREAKER	
3	S-1360-15 CIRCUIT BREAKER	
2	29747-0026 CONNECTOR (ARC)	
1	32580-1114 RCVR/XMTR (360 CH) (ARC)	

EQUIPMENT TABLE

1. CESSNA 300 NAV/COM AMPLIFIERS ARE OPERATED "ALWAYS HOT" SPKR OUTPUTS FROM EACH SYSTEM DRIVE EITHER 5000 WATT DUMMY LOAD OR THE SPKR AS DETERMINED BY TRANSMITTER SELECTED

REVISION			
LET	DESCRIPTION	DATE	APPD

[illegible]

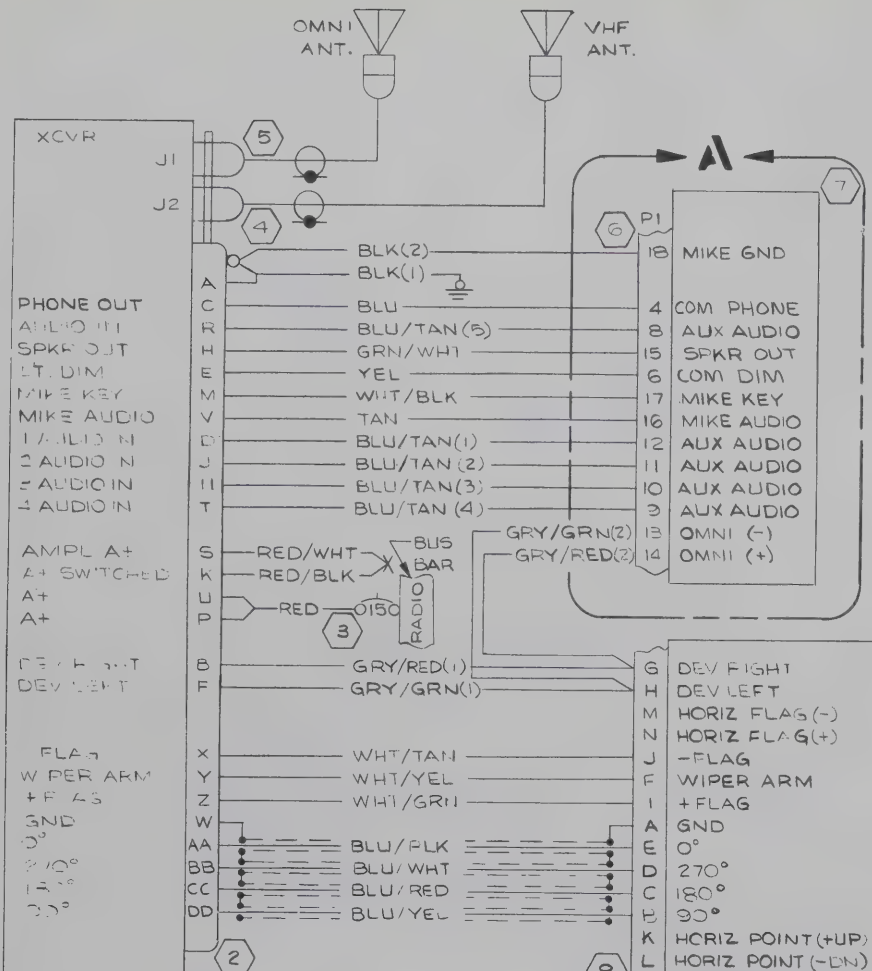
11	36120-1114	XCVR (TYPE 517R)	00781
10	31640-0000	IND (TYPE IN-514)	00781
9	32350-0000	IND (TYPE IN-525)	00781
8	18397	CONNECTOR	00781
7	0570084-1	JUNCTION BOX ASSY	
6	5-1838-2	HOUSING	
5	29752	CONNECTOR	00781
4	29753	CONNECTOR	00781
3	5-1360-15	CIRCUIT BREAKER	
2	29747-0026	CONNECTOR	00781
1	37600-1114	XCVR (TYPE 540A)	00781

ITEM NO.	PART NO.	DESCRIPTION	
	EQUIPMENT TABLE		

SUPERSEDES: P.2.3.1.0
P.2.3.1.2
SUPERSEDED BY:

CONTRACT NO:			WIRE TABLE Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE		
GROUP	51PES YR	6/17/68	WIRING DIAGRAM — CESSNA 300 NAV/COM (TYPE 1540A, 517R WITH INS25A & IN-514)		
DRAWN	21. WND	9-1-68			
CHECK	SCRAPER	8-23-68			
STRESS	G. IRVIN	8-30-68			
PROJECT	R. GEIDE	9-3-68			
APPD	SWANEY	8-30-68	SIZE	CODE IDENT. NO.	DWG NO.
			C	71379	1270675
			SCALE: NONE	U206 & P206	PAGE: 23.14

REVISION			
LET	DESCRIPTION	DATE	APPD



FOR OPTIONAL GLIDE-SLOPE CHANNEL SECTION

- BLK	V	MIKE GND
- BLU	D	COM PHONE
- BLU/TAN(5)	J	AUX AUDIO
- GRN /WH	S	SPKR OUT
- YE	F	COM DIM
- WHT/ELK	U	MIKE KEY
- TAN	T	MIKE AUDIO
- BLU/TAN(1)	K	AUX AUDIO
- BLU/TAN(2)	L	AUX AUDIO
- BLU/TAN(3)	M	AUX AUDIO
- BLU/TAN(4)	N	AUX AUDIO
- GRY/GRN(2)	P	ORPH
- GRY/RED(2)	R	ORPH

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

DETAIL A
2ND RADIO INSTL

[illegible]

CONTRACT NO:			WIRE TABLE Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE		
GROUP	SIPES VR	6/1/68	WIRING DIAGRAM -		
DRAWN	R. W. WILSON	9-9-68	CESSNA 300 NAV/COM (TYPE		
CHECK	SCRAPER	8-23-68	540A, 517R WITH IN525A&IN-514)		
STRESS	G. IRVIN	8-30-68			
PROJECT	R. F. GEORGE	9-3-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANEY	8-30-68	C	71379	1270675
			SCALE: NONE	U206 + P206	PAGE: 2.3.1.5

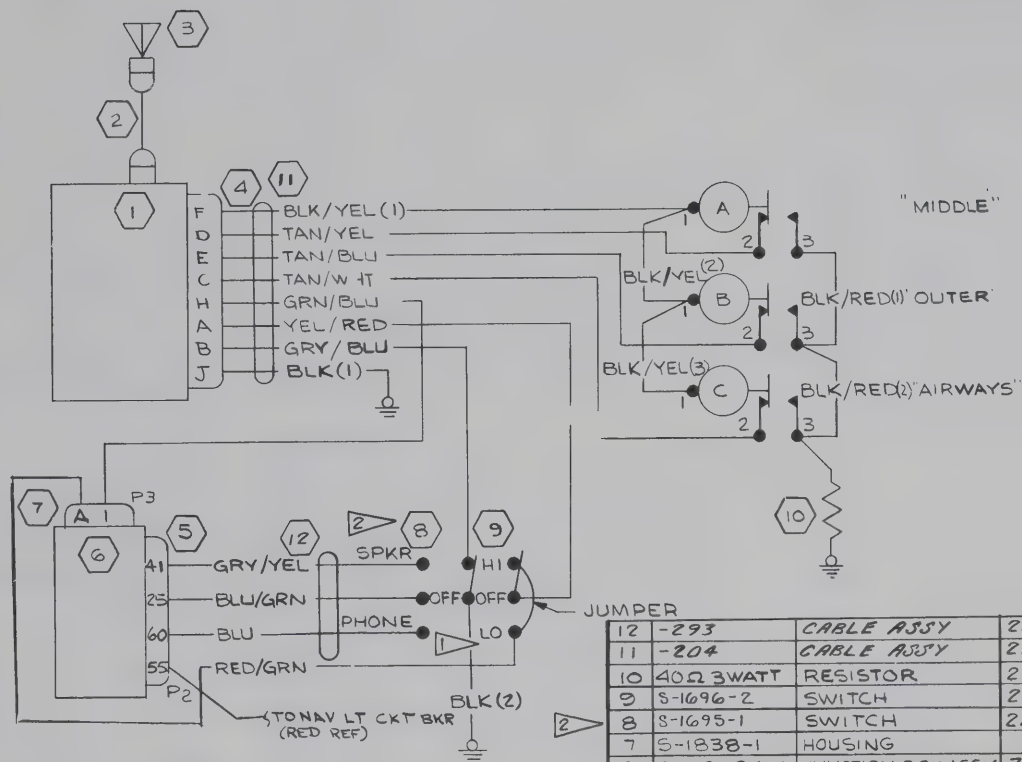
	PART NO.	DESCRIPTION	
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.		SUPERSEDED: P. 2.3.1.1 P 2.3.1.3 SUPERSEDED BY:	

NOTES:

1 "PHONE" & "LO" FUNCTION TO BE ON KEY-WAY SIDE OF SW

2 PART OF -293 CABLE ASSY

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD -204, -293 & NOTE 2; S-1696-2 WAS S-1696-1	A.A.S. 2-24-69	JWH MR. HAW JDH
ED & ER 10386			



12	-293	CABLE ASSY	2.6.0.1
11	-204	CABLE ASSY	2.4.0
10	40Ω 3WATT	RESISTOR	2.4.0
9	S-1696-2	SWITCH	2.4.0
8	S-1695-1	SWITCH	2.6.0.1
7	S-1838-1	HOUSING	
6	0570084-1	JUNCTION BOX ASSY	7.15.0
5	S-1838-3	HOUSING	
4	28371-0009	PLUG	2.4.0
3	0770681-1	MKR BCN ANT	
2	-246	CABLE ASSY	2.9
1	31240-0014	MKR BCN RCVR	4.5

ITEM NO.	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.

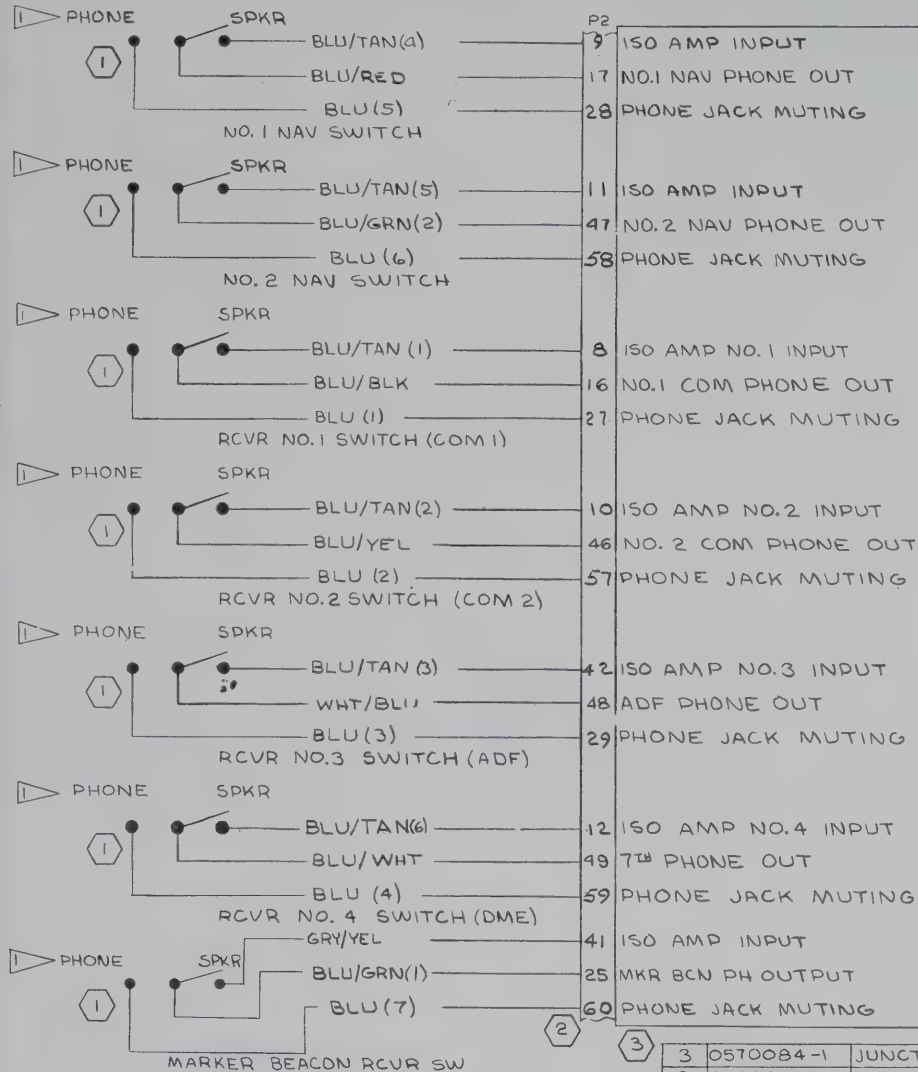
SUPERSEDES:
P 2.4.1
SUPERSEDED BY:

BLK/RED(2)	22	-22-0-2	SOLDER	SOLDER		
BLK/RED(1)	22	-22-0-	SOLDER	SOLDER		
YEL/RED	20	-20-4-2	SOLDER	SOLDER		
TAN/YEL	22	-22-10-4		SOLDER		
TAN/WHT	22	-22-10-3		SOLDER		
TAN/BLU	22	-22-10-6		SOLDER		
RED/GRN	20	-20-2-5		S-1837-1		
GRY/YEL	22	-22-8-4		S-1837-1		
GRY/BLU	22	-22-8-6		SOLDER		
GRN/BLU	20	-20-5-6		S-1837-1		
BLU/GRN	22	-22-6-5		S-1837-1		
BLU	22	-22-6		S-1837-1		
BLK/YEL(2)	22	-22-0-4		SOLDER		
BLK/YEL(1)	22	-22-0-4		SOLDER		
BLK/YEL(1)	22	-22-0-4		SOLDER		
BLK(2)	22	-22-0-	SOLDER	S-1837-1		
BLK(1)	22	-22-0-	SOLDER	S-1837-1		

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
Cessna AIRCRAFT CO.			TITLE		
DESIGN	SIPES VR	6-10-68	WIRING DIAGRAM -		
GROUP	A. W. Hall	9-4-68	CESSNA 300 MARKER BEACON		
DRAWN	SCRAPER	8-22-68	(TYPE 502B)		
CHECK	G. IRVIN	8-30-68			
STRESS	R. F. GEIDE	9-3-68			
PROJECT	SWANEY	8-30-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270675
SCALE: NONE			U206 & P206		PAGE: 2.4.2

NOTES:

1 SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH



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

3	0570084-1	JUNCTION BOX ASSY
2	S-1838-1	HOUSING
1	S-1695-2	SWITCH

ITEM NO.	PART NO.	DESCRIPTION

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

SUPERSEDES:
P2.6.1
SUPERSEDED BY:

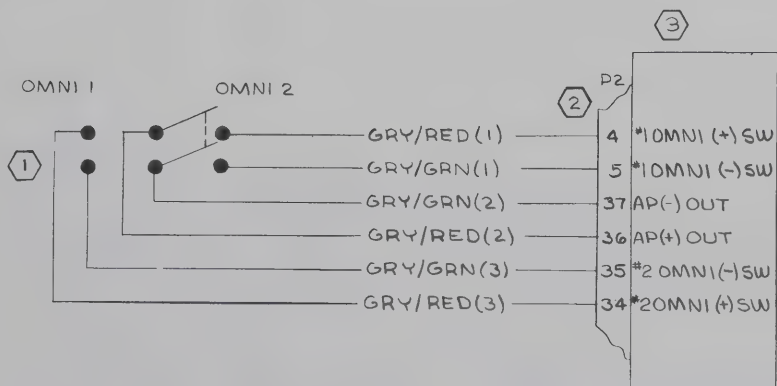
CONTRACT NO:		WIRE TABLE	
DESIGN	SIPES VR	DATE	6/1/68
GROUP	H. Ward	DATE	9-4-68
DRAWN	SCRAPER	DATE	8-21-68
CHECK	G. IRVIN	DATE	8-30-68
STRESS	R.F. GEIDE	DATE	9-3-68
PROJECT	SWANEY	DATE	8-30-68
APPD		DATE	
TITLE		Cessna AIRCRAFT CO.	
WIRING DIAGRAM -		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
AUDIO SELECTOR			
SWITCH			
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270675	
SCALE: NONE		U206 & P206	PAGE: 2.6.1.1

ED#RR0239d (SR5401)(SR5402) TX

NOTES:

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

REVISION			
LET	DESCRIPTION	DATE	APPD



OMNI SELECTOR SWITCH 1.

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

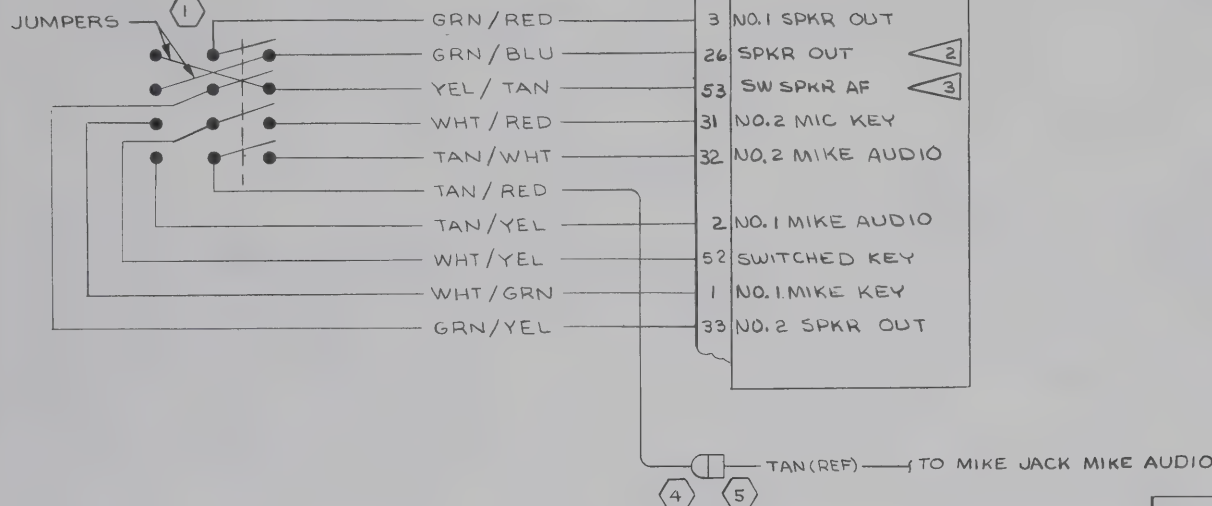
ITEM NO.	PART NO.	DESCRIPTION
3	0570084-1	JUNCTION BOX ASSY
2	S-1838-1	HOUSING
1	S-1696-1	SWITCH

CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.	SUPERSEDES: P 2.6.2 SUPERSEDED BY:
--	--

WIRE TABLE			
CONTRACT NO:		Cessna AIRCRAFT CO.	
DESIGN	NAME	DATE	TITLE
GROUP	SIPEB VR	6/10/68	WIRING DIAGRAM -
DRAWN	H. W. W.	7-1-68	OMNI AUDIO XMTR
CHECK	SCRAPER	8-21-68	SWITCH
STRESS	G. IRVIN	8-30-68	
PROJECT	R. EGGE	9-3-68	
APPD	SWANEY	8-30-68	
SIZE	CODE IDENT.	DWG NO.	
C	71379	1270675	
SCALE: NONE	U2064P206	PAGE: 2.6.2.1	

XMTR NO. 1 XMTR NO. 2

JUMPERS



REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: 26 WAS 53, 53 WAS 26, 31 WAS 1, 32 WAS 2, 2 WAS 32, 1 WAS 31, XMTR1 WAS XMTR 2, XMTR2 WAS XMTR 1, S-1635-1 WAS S-1837-1 & ADD S-1637-1, S-1637-2 & TAN(REF)	J.D.R. 10/20/68	JWA MDS 7/10/69

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL/TAN 20	20-4-10	SOLDER		S-1837-1	
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			S-1837-1	
TAN/RED 22	22-10-2			S-1635-1	
GRN/YEL 20	20-5-4			S-1837-1	
GRN/RED 20	20-5-2			S-1837-1	
GRN/BLU 20	20-5-6	SOLDER		S-1837-1	

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 SHIP 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.

ITEM NO.	PART NO.	DESCRIPTION
5	S-1637-2	HOUSING-PLUG
4	S-1637-1	HOUSING-CAP
3	0570084-1	JUNCTION BOX ASSY
2	S-1838-1	HOUSING
1	S-1697-1	SWITCH

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.2.6.3 SUPERSEDED BY:

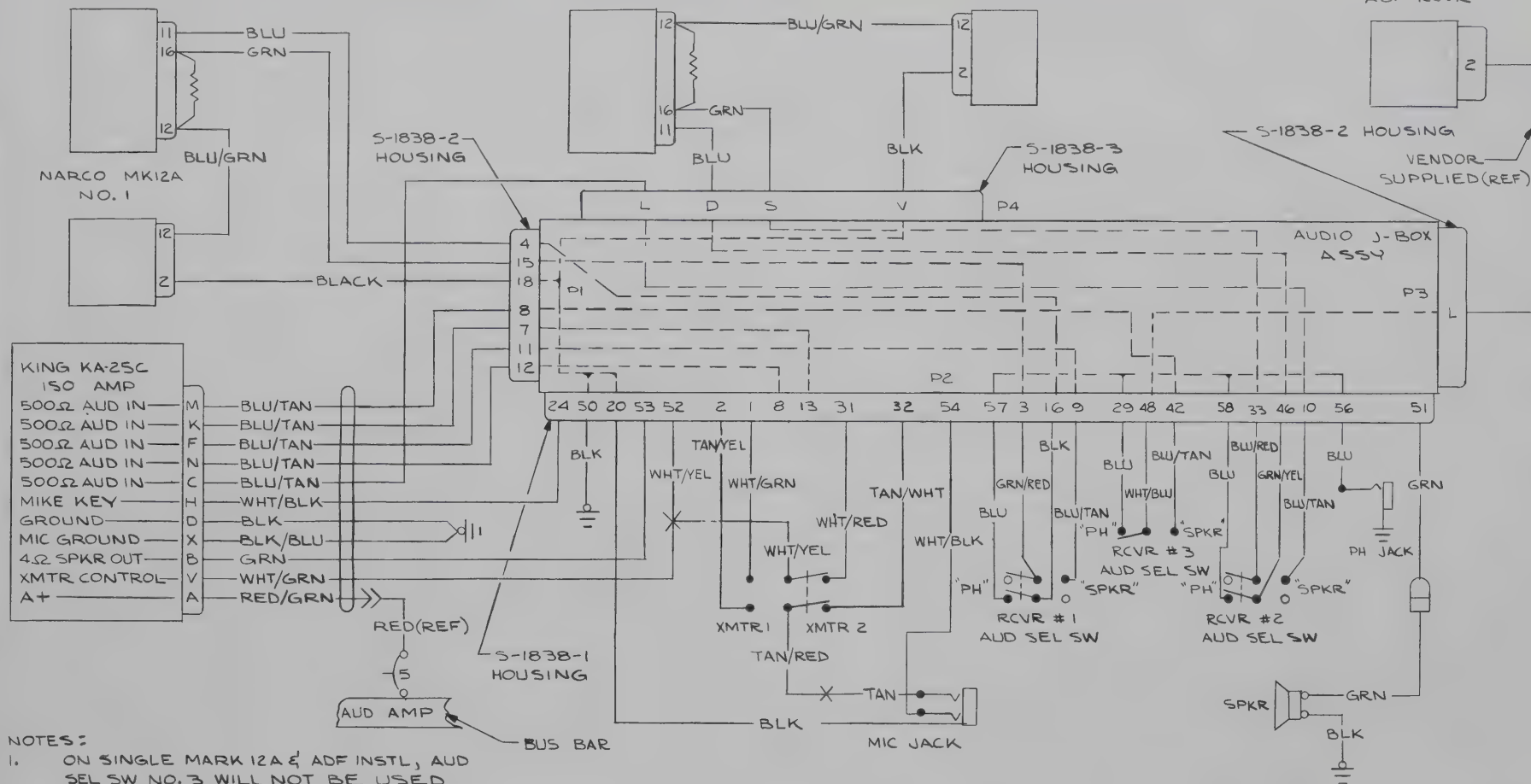
WIRE TABLE			
CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE
GROUP	H. W. L.	6/1/68	WIRING DIAGRAM -
DRAWN	SCRAPER	8-2-68	TRANSMITTER SELECTOR
CHECK	G. IRVIN	8-30-68	SWITCH
STRESS	R. F. GEIDE	9-5-68	
PROJECT	SWANEY	8-30-68	
APPD			
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	1270675	
SCALE: NONE		U2064P206	PAGE: 2.6.3.1

NARCO MARK 12A
POWER SUPPLY
NO. 1

NARCO MARK 12A
POWER SUPPLY
NO. 2

NARCO MK12A
NO. 2

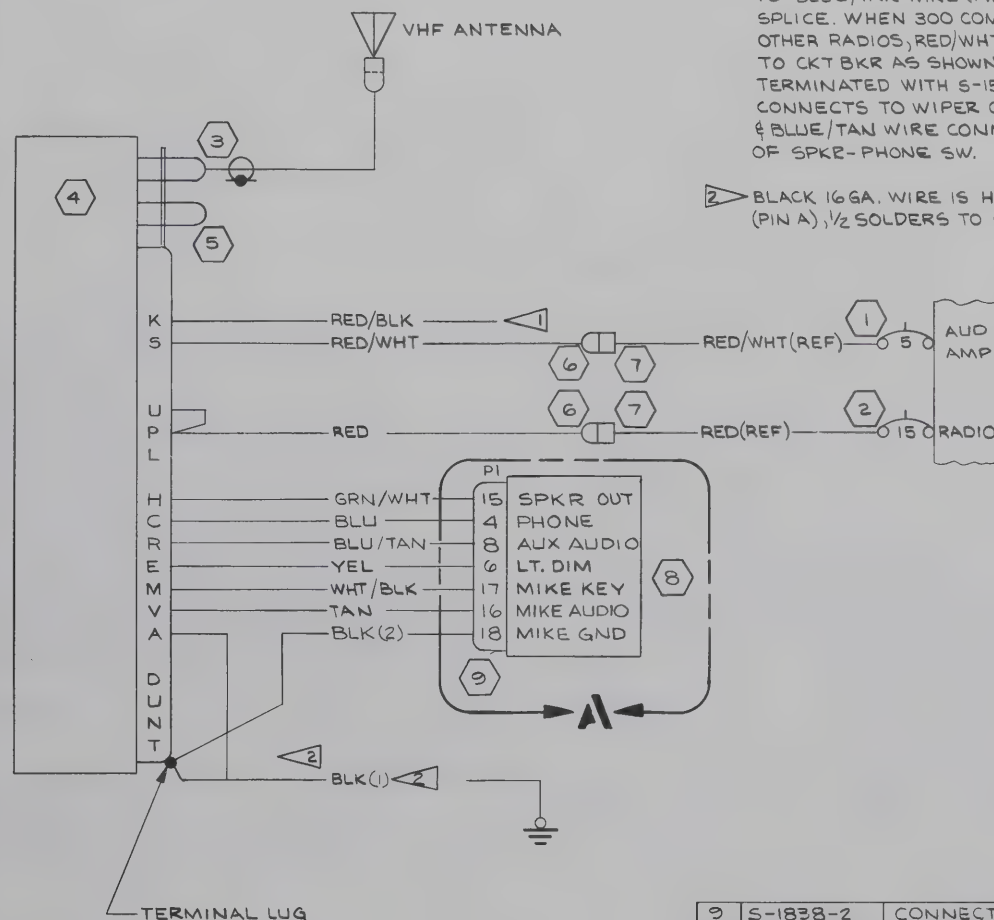
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



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 2.36.3 FOR KING KA-25C ISOLATION AMPLIFIER WIRING DIAGRAM

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS																													
<table border="1"> <thead> <tr> <th>DESIGN</th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>HENSHAW</td> <td>12-3-68</td> <td></td> </tr> <tr> <td>GROUP</td> <td>H. W. W.</td> <td>12-5-68</td> </tr> <tr> <td>DRAWN</td> <td>HENSHAW</td> <td>12-3-68</td> </tr> <tr> <td>CHECK</td> <td>HARRIS</td> <td>12-3-68</td> </tr> <tr> <td>STRESS</td> <td></td> <td></td> </tr> <tr> <td>PROJECT</td> <td>P. P. P.</td> <td>12-3-68</td> </tr> <tr> <td>APPD</td> <td></td> <td></td> </tr> <tr> <td colspan="3">SUPERSEDES 2.6.8</td> </tr> </tbody> </table>			DESIGN	NAME	DATE	HENSHAW	12-3-68		GROUP	H. W. W.	12-5-68	DRAWN	HENSHAW	12-3-68	CHECK	HARRIS	12-3-68	STRESS			PROJECT	P. P. P.	12-3-68	APPD			SUPERSEDES 2.6.8			Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM - TYPICAL SWITCHING, NARCO MARK 12A & ADF		
DESIGN	NAME	DATE																														
HENSHAW	12-3-68																															
GROUP	H. W. W.	12-5-68																														
DRAWN	HENSHAW	12-3-68																														
CHECK	HARRIS	12-3-68																														
STRESS																																
PROJECT	P. P. P.	12-3-68																														
APPD																																
SUPERSEDES 2.6.8																																
SIZE C CODE IDENT. 71379 DWG NO. 1270675			SCALE: NONE U206 & P206 PAGE: 2.6.8.1																													
SER P2060520 & U2061235																																



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 C) IS CONNECTED TO BLUE/TAN WIRE (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 WIPER OF SPKR-PHONE SW & BLUE/TAN WIRE CONNECTS TO SPKR-TERM OF SPKR-PHONE SW.
- 2 BLACK 16 GA. WIRE IS HALVED, 1/2 SOLDERS TO (PIN A), 1/2 SOLDERS TO GND LUG

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

P4	S	SPKR OUT
	D	PHONE
	K	AUX AUDIO
	F	LT. DIM
	U	MIKE KEY
	T	MIKE AUDIO
	V	MIKE GND

DETAIL
2ND RADIO INSTL

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-1635-1		
RED	16	-16-2		S-1635-1		
GRN/WHT	20	-20-5-9		S-1837-1		
BLU/TAN	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		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

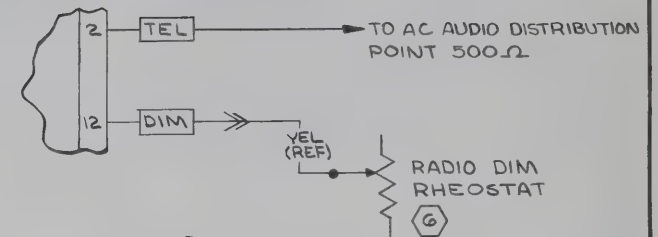
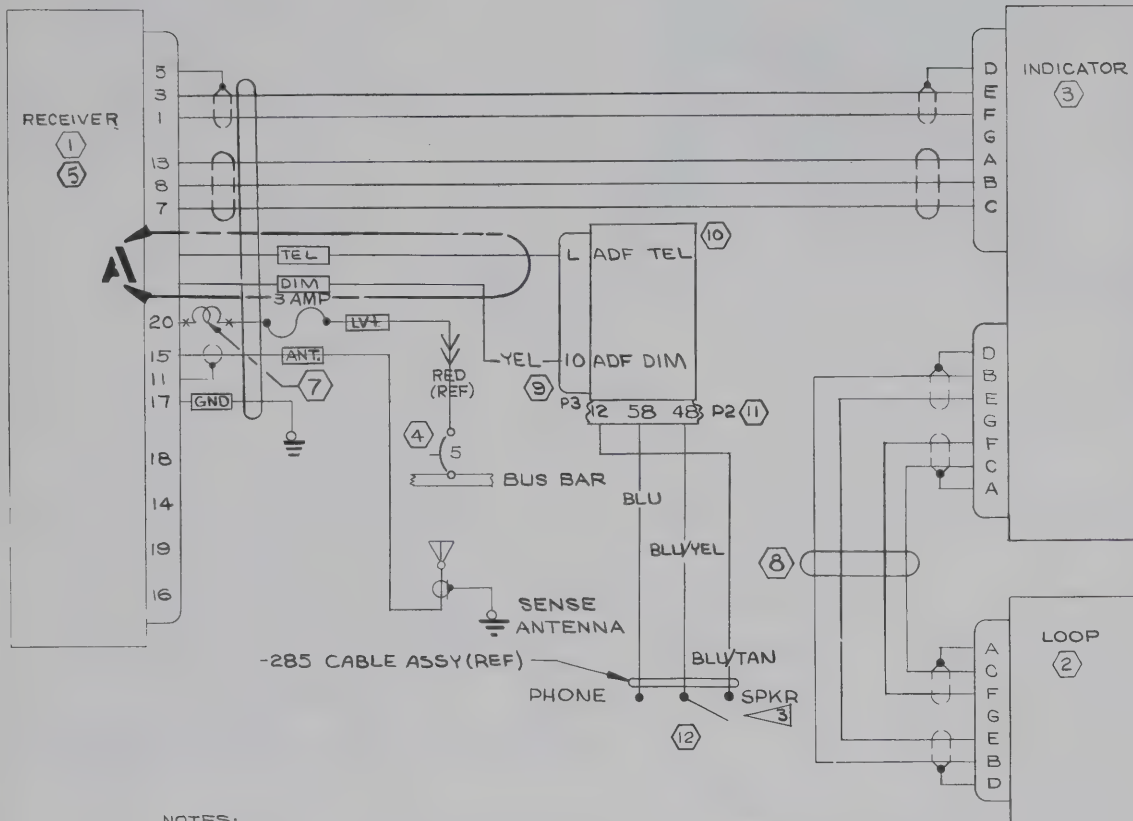
WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	SIPES VR	6/7/68	TITLE		
DRAWN	H. W. 40	9-4-68	WIRING DIAGRAM -		
CHECK	SCRAPER	8-26-68	CESSNA 300 COMM		
STRESS	G. IRVIN	8-30-68	(ARC TYPE 524A)		
PROJECT	R. F. GEIDE	9-3-68	SIZE		
APPD	SWANEY	8-30-68	CODE IDENT. NO.		
			DWG NO.		
			C 71379 1270675		
			SCALE: NONE		
			U206 & P206		
			PAGE: 2,7,3		

9	S-1838-2	CONNECTOR
8	0570084-1	JUNCTION BOX ASSY
7	S-1637-2	HOUSING - PLUG
6	S-1637-1	HOUSING - CAP
5	29747-0018	CONNECTOR (00781)
4	31390-1514	RCVR/XMTR (ARC TYPE 524A)
3	29753	CONNECTOR (00781)
2	S-1360-15	CIRCUIT BREAKER
1	S-1360-5	CIRCUIT BREAKER
ITEM NO.	PART NO.	DESCRIPTION
EQUIPMENT TABLE		

(SR4456)(SR4457)

CHG	REVISION	BY	CHK
LET	DATE	DATE	APPD
A	ADDED A-263 CHOKE IN A+ LINE, ADDED TO NOTE 2. ADDED 33827	SKH 9-10-65	AKT ALA MAY HAW
B	BY REV: ADD S-1838-3 & O570084-1 & DETAIL A, S-1838-1, S-1695-2, BLU, BLU/YEL, BLU/TAN WIRES & NOTE 3 ED & RR 02394 (SR5401) (SR5402) IX	LES 8-19-68	GKI MDS HAW



DETAIL A
THRU SER U206-1234 / 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

12	S-1695-2	SWITCH	
11	S-1838-1	HOUSING	
10	O570084-1	JUNCTION BOX ASSY	
9	S-1838-3	CONNECTOR	
8	33827	LOOP CABLE (ARC)	
7	A-263	CHOKE (CTAT)	
6	R-12-75-R534	RHEOSTAT (TRT)	
5	28340-1400	RCVR (WITH BFO)	(ARC R-521A-18)
4	S-1360-5	CIRCUIT BREAKER	
3	32680-0000	INDICATOR (ARC)	(ARC IN-521B)
2	32880-1000	LOOP (ARC)	(ARC L521B-10)
1	28340-1500	RCVR (WITHOUT BFO)	(ARC R-521A-15)
PART NO	DESCRIPTION	INSTALLED ON	

EQUIPMENT TABLE

WIRE	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		

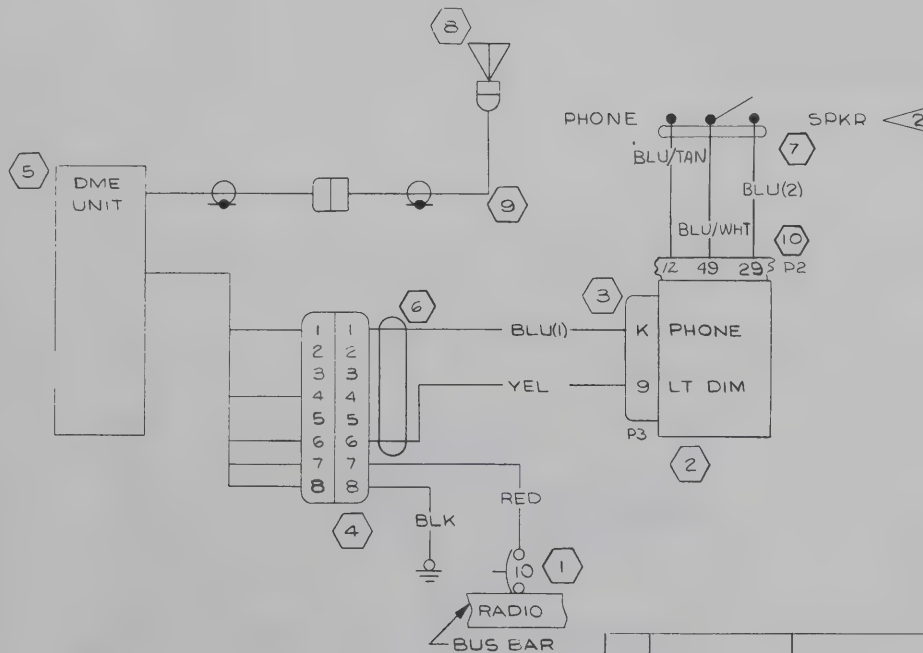
WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE CODE NO.					

WIRE TABLE
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS
DRAWN: BREEN 8-5-64
CHECK: R. Stuck 8-25-64
PROJ: H. W. 8-29-64
WIRING DIAGRAM — CESSNA ADF 300
(ARC TYPE 521B)
DWG NO. 1270675
SUPERSEDED BY: 1270625
PAGE 17.14
MODEL: P206 & U206
REV: B
PAGE: 2.12

1. ITEMS 6/7/8 ARE SUPPLIED AS PART OF KIN-INSTL KIT NO. 030-1052-00

2. SPKR FUNCTION ON KEWAY SIDE OF SWITCH

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: DELETE NOTE 1; PIN 12 WAS PIN 41; C582602-0201 WAS C582602-0101; -236 WAS 030-0020-01; -284 WAS 21-004; -235 WAS 030-24-00 † DELETE S.1695-2 ED:RR 10380	FEB 24-69	WWA MDD LPR NAW JDM 



10	5-1838-1	HOUSING	
9	-235	CABLE ASSY	
8	KA-32	ANTENNA	
7	-284	CABLE ASSY	
6	-236	CABLE ASSY	
5	C582602-0201	RVR- XMTR	
4	030-2043-00	CONNECTOR	
3	5-1836-3	HOUSING	
2	0570084-1	JUNCTION BOX	ASSY
1	5-1860-10	CKT BKR	
	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.2.20.1 SUPERSEDED BY:
--	---

BLU/TAN	22	-22-6-10	SOLDER	S-1837-1		
BLU/WHT	22	-22-6-9	SOLDER	S-1837-1		
BLU(2)	22	-22-6	SOLDER	S-1837-1		
YEL	18	-18-4	SOLDER	S-1837-1		
RED	16	-16-2	SOLDER	S-13672-6		
BLU(1)	22	-22-6	SOLDER	S-1837-1		
BLK	16	-16-0	SOLDER	S-13672-8		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

CONTRACT NO:			WIRE TABLE COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM - CESSNA 300 DME		
GROUP	21P15 VK	6.10.68			
DRAWN	W. WISE	9-4-68			
CHECK	SCRAPER	8-27-68			
STRESS	G. IRVIN	8-30-68			
PRO ECT	K.F. GELDE	2-1-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANEY	8-30-68	C	71379	1270675
			SCALE: NONE	U206 & P206	PAGE: 2.20.2

REVISION			
LET	DESCRIPTION	DATE	APPD

RED/WHT	18	-18-2-9	S-1367-2-6	SOLDER		
RED/GRN	20	-20-2-5	SOLDER			
RED/BLU	16	-16-2-6	S-1367-2-6			
RED/BLK	18	-18-2-0	SOLDER			
RED	16	-16-2	S-1367-2-6			
GRN/YEL	20	-20-5-4	SOLDER			
GRN/WHT	20	-20-5-9				
GRN/RED(2)	20	-20-5-2				
GRN/BLU	20	-20-5-6		SOLDER		
GRN	20	-20-5		S-1837-1		
YEL/TAN(2)	20	-20-4-10		SOLDER		
GRN/RED(1)	22	-22-5-2		SOLDER		
BLU/TAN(4)	22	-22-6-10		S-1837-1		
BLU/TAN(3)	22	-22-6-10				
BLU/TAN(2)	22	-22-6-10				
BLU/TAN(1)	22	-22-6-10				
BLUE	22	-22-6		S-1837-1		
BLK(2)	16	-16-0	SOLDER	S-1367-2-6		
BLK(1)	16	-16-0	SOLDER	S-1367-2-6		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

14	17008	CONN (PNTR)	
13	S-1838-1	HOUSING	
12	17005	CONN (PNTR)	
11	S-1838-2	HOUSING	
10	S-1360-15	CIRCUIT BREAKER	
9	S-1360-5	CIRCUIT BREAKER	
8	17028	CONN (PNTR)	
7	17027	CONN (PNTR)	
6	17025	CONN (PNTR)	
5	S-1838-3	HOUSING	
4	C589502-0101	ANT. LOAD BOX	
3	0570084-1	AUD JCT BOX ASSY	
2	C582103-0201	POWER SUPPLY	
1	C582103-0101	TRANSCEIVER	

ITEM NO.	PART NO.	DESCR. PT. ON

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:

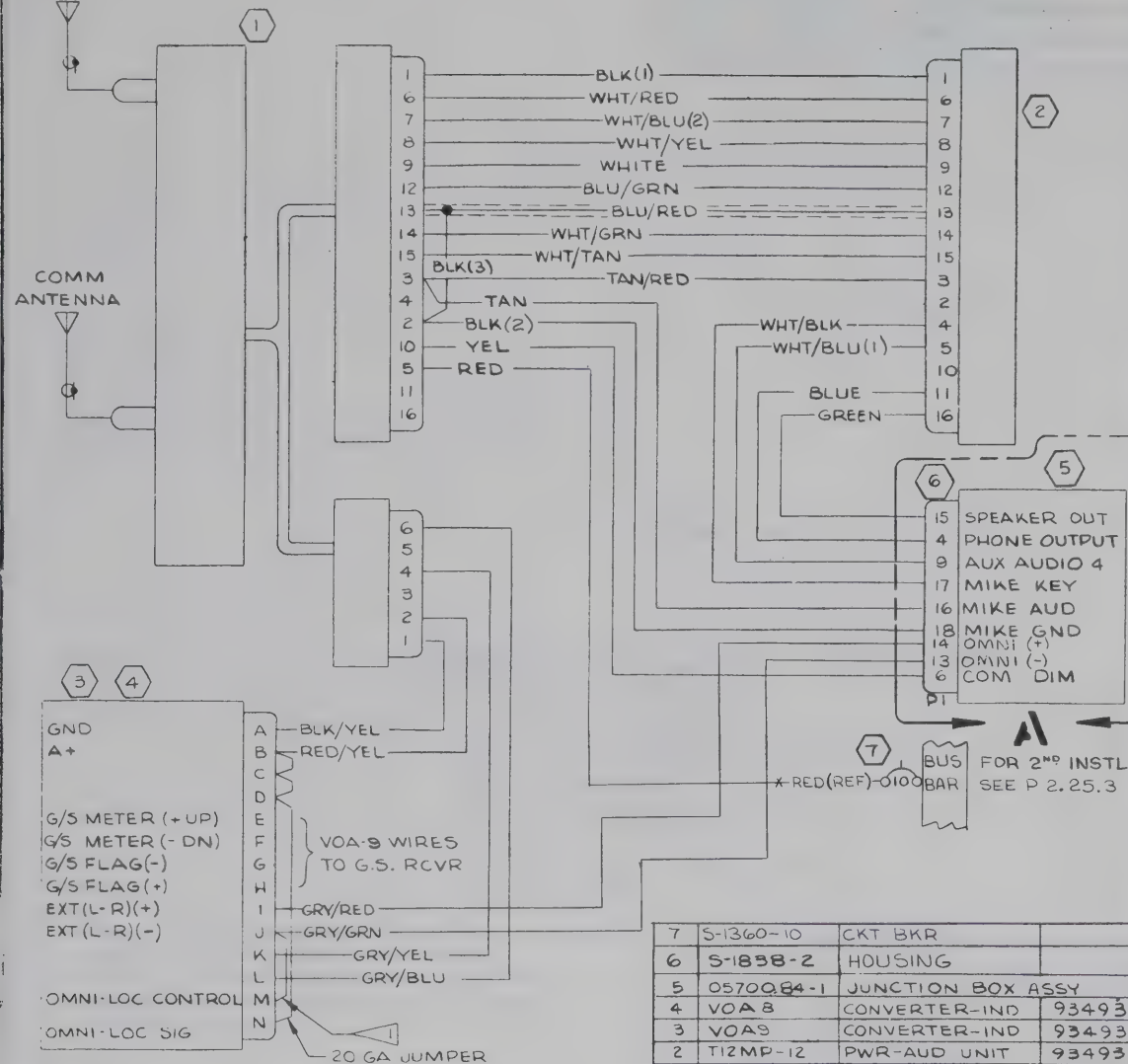
CABLE	RG-58/U				
YEL/TAN(1)	20	-20-4-10	SOLDER	SOLDER	
YEL/RED	20	-20-4-2		SOLDER	
YEL/GRN	20	-20-4-5		SOLDER	
YEL	18	-18-4		S-1837-1	
WHT/RED	22	-22-9-2		SOLDER	
WHT/BLK	22	-22-9-0		S-1837-1	
WHT(2)	22	-22-9		S-1837-1	
WHT(1)	20S	-20-9		SOLDER	
TAN	22	-22-10	SOLDER	S-1837-1	
WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:			WIRE TABLE		
DESIGN NAME DATE GROUP H. W. 9-4-68 DRAWN SCRAPER 8-21-68 CHECK G. IRVIN 8-30-68 STRESS 11/1/68 2-2-68			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
PROJECT APPD SWANEY 8-30-68			TITLE WIRING DIAGRAM - CESSNA 300 HF		
SIZE	CODE IDENT. NO.	DWG NO.			
C	71379	1270675			
SCALE: NONE			U2064P206		PAGE: 223.2

NAV ANTENNA

COMM ANTENNA



NOTES:

THIS JUMPER USED ONLY WHEN DUAL INSTALLATIONS ARE REQUIRED WITH CESSNA NAV-O-MATIC SYSTEMS

7	S-1360-10	CKT BKR	
6	S-1838-2	HOUSING	
5	0570Q84-1	JUNCTION BOX ASSY	
4	VOA-3	CONVERTER-IND	93493
3	VOA-9	CONVERTER-IND	93493
2	T12MP-12	PWR-AUD UNIT	93493
1	MARK 12	TRANSCIVER	93493

PART NO.	DESCRIPTION	VENDOR
EQUIPMENT TABLE		
SUPERSEDES: P 2.25.1		
SUPERSEDED BY: P 2.56.1		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA S/D. NO.		

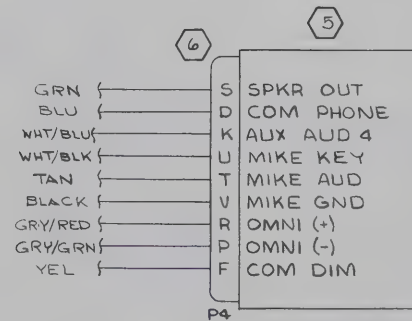
BLK(3)	22	-22-0	SOLDER	SOLDER	
WHT/BLU(2)	22	-22-9-6	SOLDER	SOLDER	
GREEN	20	-20-5	S-1837-1	SOLDER	
GRY/BLU	22	-22-8-6	SOLDER		
GRY/YEL	22	-22-8-4	SOLDER		
GRY/GRN	22	-22-8-5	S-1837-1		
GRY/RED	22	-22-8-2	S-1837-1		
RED/YEL	22	-22-2-4	SOLDER		
BLK/YEL	22	-22-0-4	SOLDER		
BLK(2)	22	-22-0	S-1837-1		
TAN	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(1)	22	-22-9-6	S-1837-1		
WHT/RED	22	-22-9-2	SOLDER		
BLU/WHT	22	-22-6-9	S-1537-1		
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	SOLDER	
WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

CODE NO.			WIRE TABLE			COMMERCIAL AIRCRAFT DIV. 5800 E PAWNEE WICHITA, KANSAS		
CONTRACT NO.			 Cessna AIRCRAFT CO.					
NAME			TITLE			WIRING DIAGRAM - NARCO MARK 12A WITH VOA-3 & VOA-9		
DATE								
DESIGN	61168	6/1/68	GROUP					
DRAWN			8-27-68					
CHECK			G. IRVIN 8-30-68					
STRESS			9-1-68					
PROJECT			1-1-68					
APPD			SWANLEY 8-30-68			SIZE		
			CODE IDENT. NO.			DWG NO.		
			C 71379			1270675		
			SCALE: NONE			U2064-206		
						PAGE 2.25.2		

ED4HR02384 (S-5401)(SR540)

1. FOR FIRST INSTL SEE PAGE 2.25.2

REVISION			
LET	DESCRIPTION	DATE	APPD



DETAIL 
SECOND INSTL

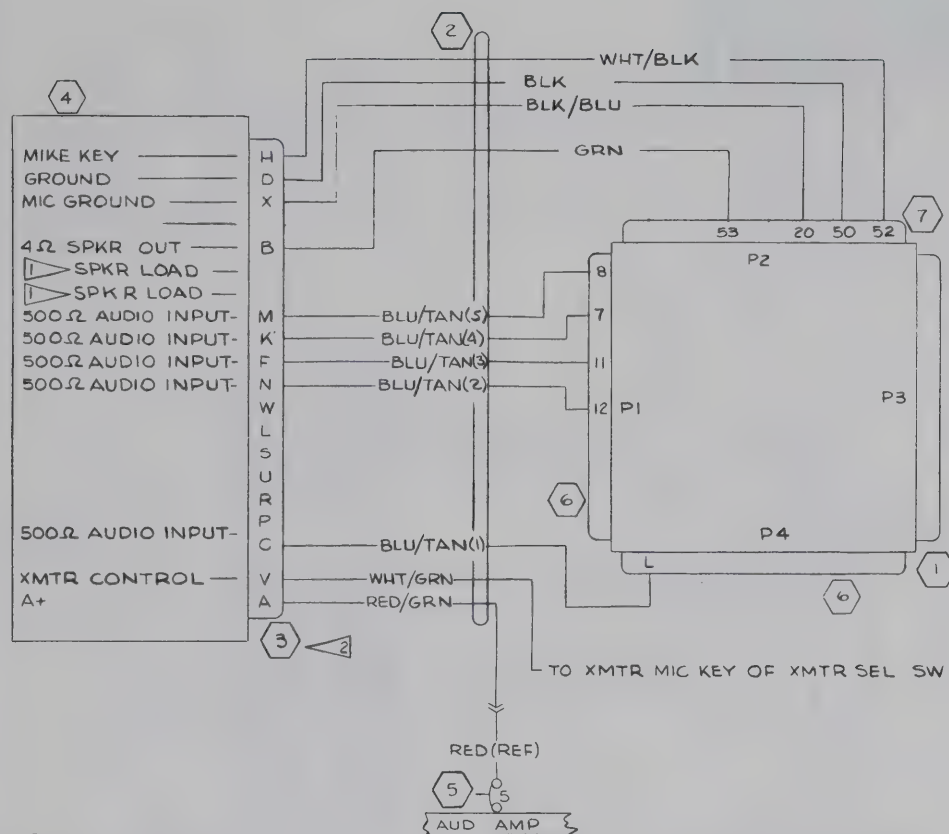
INACTIVE:
EFF SER P206-05204
SER U206-1235
THRU SER P20600603
SER U206 01444
EDERR 7-16-69
DGP

Just TTY
mbs
ms. New
C-12

[illegible]

 ITEM NO.	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: SUPERSEDED BY: P 2,56.2	

REVISION			
LET	DESCRIPTION	DATE	APPD



NOTES:

1. THESE CIRCUITS PROVIDE A 4Ω, 5WATT 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

ITEM NO	PART NO.	DESCRIPTION	VENDOR
7	S-1838-1	HOUSING	
6	S-1838-2	HOUSING	
5	S-1360-5	CIRCUIT BREAKER	
4	KA-25C	AUDIO AMPLIFIER (22373)	
3	030-2002-00	PLUG (22373)	
2	-288	CABLE ASSY	
1	0570084-1	JUNCTION BOX ASSY	
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE		SUPERSEDES:	
VENDOR CODES PER S-1400		P.2 36.1	
CES-XXXX-CESSNA SPEC. NO.		SUPERSEDED BY:	
S-XXX OR CMXXXX-CESSNA			
STD. NO.			

WHT/GRN	22	-22-9-5	S-1367-1	SOLDER	
WHT/BLK	22	-22-9-0	S-1837-1		
RED/GRN	20	-20-2-5	S-341-2		
GRN/YEL	20	-20-5-4	S-1837-1		
GRN/RED	20	-20-5-2			
GRN	20	-20-5			
BLU/TAN(5)	22	-22-6-10			
BLU/TAN(4)	22	-22-6-10			
BLU/TAN(3)	22	-22-6-10			
BLU/TAN(2)	22	-22-6-10			
BLU/TAN(1)	22	-22-6-10			
BLU	22	-22-6			
BLK/BLU	22	-22-0-6			
BLK	18	-18-0	S-1837-1	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO:			WIRE TABLE		
DESIGN	NAME	DATE	SIZE	CODE IDENT.	DWG NO.
GROUP	N. W. W.	7-4-68	C	71379	1270675
DRAWN	SCRAPER	8-26-68	SCALE: NONE		
CHECK	G. IRVIN	8-30-68	U2064P206		
STRESS	R. F. GEIDE	9-3-68	PAGE: 2, 3, 6, 3		
PROJECT	P. J. W. W.	9-10-68			
APPD	SWANEY	8-30-68			

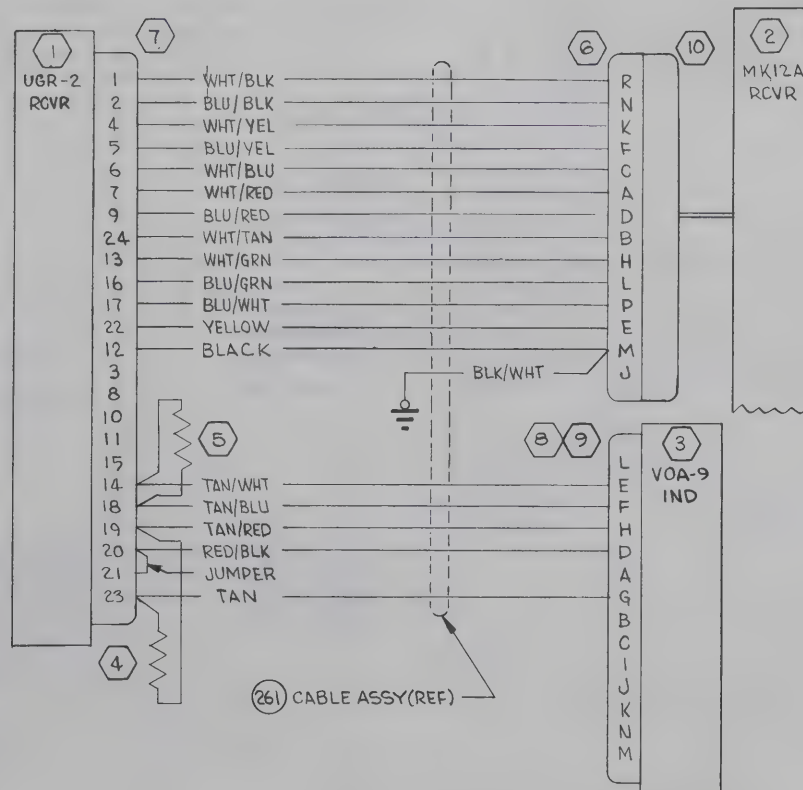
COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE
WIRING DIAGRAM -
KING KA-25C AUDIO AMPLIFIER

SCALE: NONE U2064P206 PAGE: 2, 3, 6, 3

CHG LET	REVISION	BY DATE	CHK APPD
A	BY REV: IN TITLE & ON FIELD 'VOA-9' WAS VOA-5 ED&RR 00944 (SR5595)	MRL 11-21-67	MDS 11-21-67 R2W



INACTIVE:
EFF SER P206-0307
SER U206-0657
THRU SER P20600603
SER U20601444
ED&RR 10439
9-16-69
JWH
MOS
RS
JWH

BLK/WHT	18	-18-0-9	SOLDER	S1367-1-6	
BLACK	18	-18-0	SOLDER		
YELLOW	18	-18-4			
RED/BLK	18	-18-2-0			
TAN/RED	22	-22-10-2			
TAN/BLU	22	-22-10-6			
TAN/WHT	22	-22-10-9			
BLU/WHT	22	-22-6-9			
BLU/GRN	22	-22-6-5			
BLU/RED	22	-22-6-2			
BLU/YEL	22	-22-6-4			
BLU/BLK	22	-22-6-0			
WHT/TAN	22	-22-9-10			
WHT/GRN	22	-22-9-5			
WHT/RED	22	-22-9-2			
WHT/BLU	22	-22-9-6			
WHT/YEL	22	-22-9-4			
WHT/BLK	22	-22-9-0			
TAN		-22-10	SOLDER	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

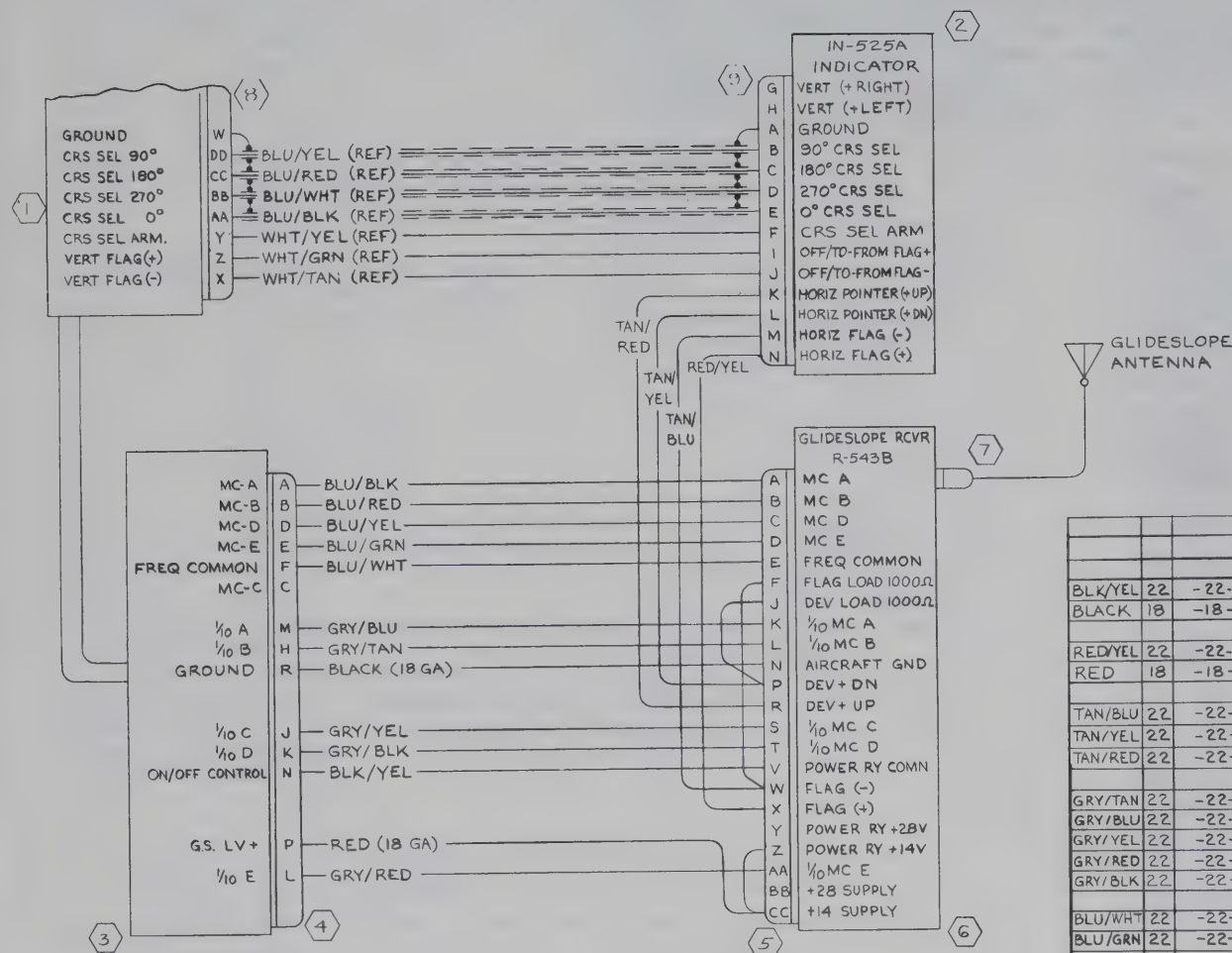
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

DRAWN	NAME	DATE	TITLE	DWG NO.
W COOK		11-18-67	WIRING DIAGRAM —	
GROUP	H. W. Pro	11-27-67	NARCO UGR-2 GLIDESLOPE	
CHECK	SWANEY	11-18-67	WITH NARCO MARK 12A &	
PROJ	Pro	11-28-67	VOA-9	
SUPERSEDED BY	P 2,59.1		SUPERSEDES	1270675, P 2,26.1
MODEL	P206-U206		REV	A
PAGE	2,39.1			

ITEM NO	PART NO.	DESCRIPTION	INSTALLED ON
10	MRA-145	PIG TAIL (93493)	
9	41228-6	CLAMP (93493)	
8	41223-2	PLUG (93493)	
7	41291-101	CONNECTOR (93493)	
6	41247-102	CONNECTOR (93493)	
5	470Ω 1/2 WATT	RESISTOR (93493)	
4	1000Ω 1/2 WATT	RESISTOR (93493)	
3	VOA-9	INDICATOR (93493)	
2	MARK 12A	XCVR (93493)	
1	UGR-2	RCVR (93493)	

EQUIPMENT TABLE

CHG	REVISION	BY	CHK
LET		DATE	APPRO
A	BY REV: R-543B WAS R-543A *TITLE WAS CESSNA GLIDESLOPE (ARC TYPE R-543A) 36440-0000 WAS 34340 (ED+RR 00952) (SR5632)	RLY 12-7-67	MDS 1/11 2/11 3/11

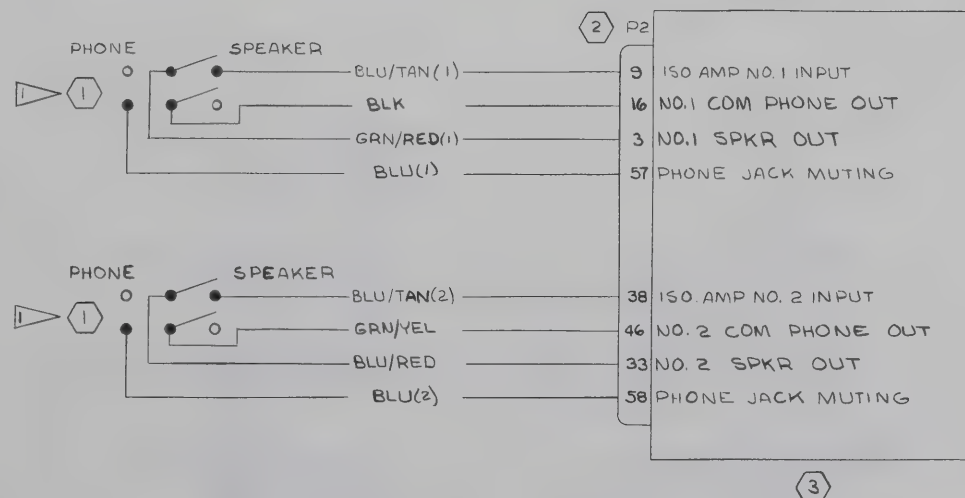


BLK/YEL	22	-22-0-4	SOLDER	SOLDER
BLACK	18	-18-0		
RED/YEL	22	-22-2-4		
RED	18	-18-2		
TAN/BLU	22	-22-10-6		
TAN/YEL	22	-22-10-4		
TAN/RED	22	-22-10-2		
GRY/TAN	22	-22-8-10		
GRY/BLU	22	-22-8-6		
GRY/YEL	22	-22-8-4		
GRY/RED	22	-22-8-2		
GRY/BLK	22	-22-8-0		
BLU/WHT	22	-22-6-9		
BLU/GRN	22	-22-6-5		
BLU/YEL	22	-22-6-4		
BLU/RED	22	-22-6-2		
BLU/BLK	22	-22-6-0	SOLDER	SOLDER

ITEM NO	PART NO.	DESCRIPTION	INSTALLED ON
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/XMITR (ARC TYPE RT515R-1)	

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS					
DRAWN	G. WOOD	DATE	2-1-67	WIRING DIAGRAM— CESSNA 400 GLIDESLOPE (ARC TYPE R-543B)	
GROUP	H. Wise	DATE	1-31-67		
CHECK	YAKIMAW	DATE	2-1-67	DWG NO: 1270675	
PREP	h. Carter	DATE	2-6-67		
SUPERSEDED BY:		SUPERSEDES:		MODEL: U706, P206, TU206, TP206	REV: A PAGE: 2-13-1

REVISION			
LET	DESCRIPTION	DATE	APPD



NOTES:

1. SPKR FUNCTION ON KEYWAY SIDE OF SWITCH

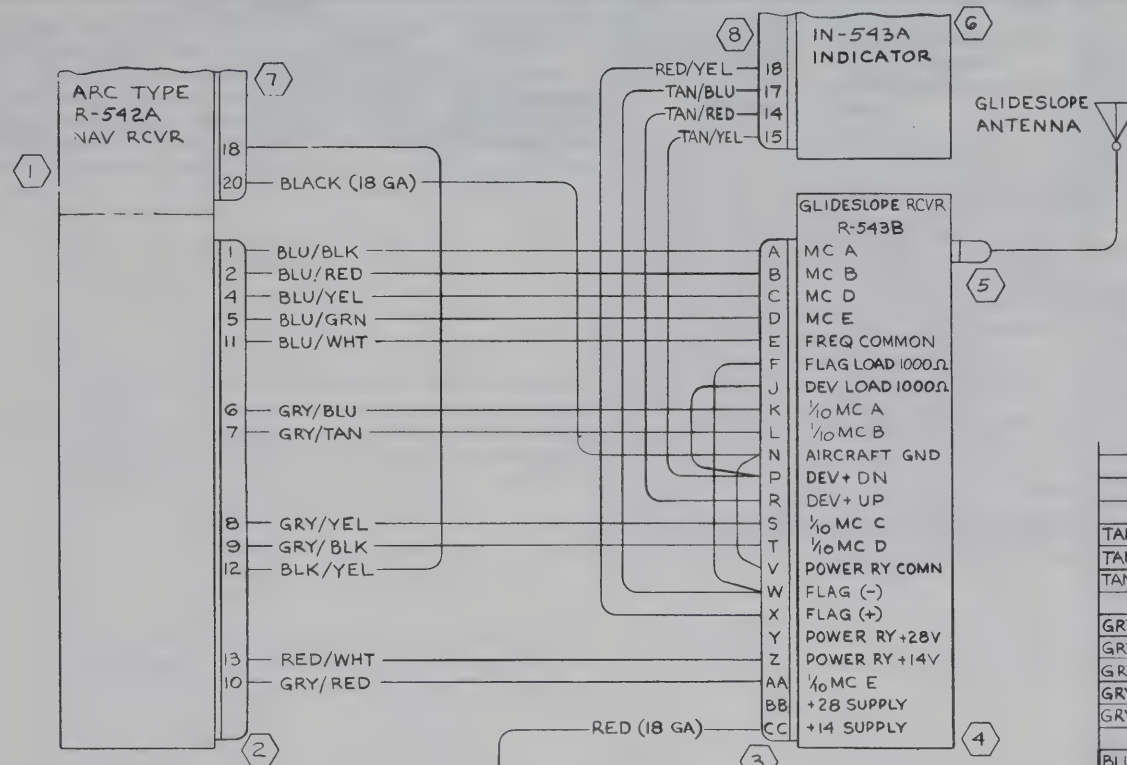
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU(2)	22	-22-6		SOLDER S-1837-1	
BLU(1)	22	-22-6			
GRN/YEL	22	-22-5-4			
GRN/RED(1)	20	-20-5-2			
BLU/RED	20	-20-6-2			
BLK	22	-22-0			
BLU/TAN(2)	22	-22-6-10			
BLU/TAN(1)	22	-22-6-10		SOLDER S-1837-1	

WIRE TABLE

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	H. W. W.	9-4-68	WIRING DIAGRAM -		
DRAWN	SCRAPER	8-24-68	AUDIO SWITCHING		
CHECK	G. IRVIN	8-30-68	NARCO MARK 12A		
STRESS	R. F. GEORGE	9-7-68	SIZE	CODE IDENT. NO.	DWG NO.
PROJECT	SWANEY	8-30-68	C	71379	1270675
APPD			SCALE: NONE U206 4 P206 PAGE: 2, 44, 3		

ITEM NO.	PART NO.	DESCRIPTION
3	OS700B4-1	JUNCTION BOX ASSY
2	S-1838-1	HOUSING
1	S-1696-1	SWITCH

CEP-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.	SUPERSEDES: P. 2 44.1	SUPERSEDED BY:
--	--------------------------	----------------



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: R-543B WAS R-543A & TITLE WAS "CESSNA GLIDESLOPE" (ARC TYPE R-543A); 36440-0000 WAS 34340 (ED & RR 00952) (SR5632)	12-7-67	MDS <i>H&W</i>

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
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	-18-2		S-1367-18	SOLDER
BLK/YEL	22	-22-0-4		SOLDER	SOLDER
BLACK	18	-18-0		SOLDER	SOLDER

ITEM NO.	PART 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 R-543B)
3	36194	CONNECTOR KIT (00781)
2	35548-0225	CONNECTOR (00781)
1	33560	NAV RCVR (ARC R-542)

CONTRACT NO.			WIRE TABLE	
DESIGN	NAME	DATE	SIZE	CODE IDENT. NO.
GROUP	H. Wood	1-9-67	C	71379
DRAWN	G. Wood	1-9-67		
CHECK	VAKS HAW	2-1-67		
STRESS	ASHER	2-1-67		
PROJECT	McLain	2-6-67		
APPD				
Cessna AIRCRAFT CO.			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE			WIRING DIAGRAM - CESSNA 400 GLIDESLOPE (ARC TYPE R-543B)	
			DWG NO. 1270675	
			SCALE: NONE	
			PAGE: 2,45,1	

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
C	BY REV: 39480-0000 WAS 33970-0000 & 39490-0000 WAS 34290-0000 ED & RR 10758 (SR4397)	JQR	

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: AV-547 WAS ASP-547 ED & RR 10261	A.S. 11-21-68	JWH mds LH 11/21/68
B	BY REV: ADD RED(2), RED/WHT(3), 38960-0004 & P2.46.3 ; SER OUT RED, RED/WHT(1) & RED/WHT(2); SEEP 2.46.3 WAS SEEP 2.46.2.3 SERU20601413 ED & RR 10530 SERP20600612	BPH 10-20-68	JWH mds HFW P&P

BLACK(3)	18	-18-0	SOLDER	S-1367-1-8	
BLU/WHT	22	-22-6-9	SOLDER	SOLDER	
BLK/WHT	18	-18-0-9	SOLDER	SOLDER	
RED/WHT(2)	18	-18-2-9	SOLDER	SOLDER	THRU SER U20601413 THRU SER P20600611
RED/BLK(2)	18	-18-2-0	SOLDER	SOLDER	
BLACK(2)	18	-18-0	SOLDER	SOLDER	
CABLE	RG-58/U	55032-55093-55093			
CABLE	RG-58/U	55032-55093-55093			
RED/WHT(1)	18	-18-2-9	S-1367-1-6	SOLDER	THRU SER U20601413 THRU SER P20600611
BLACK(1)	22	-16-0	S-1837-1	SOLDER	
WHT/BLK	22	-22-9-0	S-1837-1	SOLDER	
TAN	22	-22-10	S-1837-1	SOLDER	
GRN/WHT	22	-22-9-6	S-1837-1	SOLDER	
RED/BLU	18	-18-2-6	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	
YEL	22	-22-6-4	SOLDER	S-1837-1	
TAN/WHT	22	-22-10-2	SOLDER	S-1837-1	
BLUE	22	-22-6	SOLDER	S-1837-1	
RED/YEL(2)	22	-22-2-4	SOLDER	S-1837-1	
GRY/GRN	22	-22-9-10	SOLDER	S-1837-1	
GRY/RED	22	-22-9-6	SOLDER	S-1837-1	
RED/YEL(1)	22	-22-2-4	SOLDER	S-1837-1	
WHT/GRN	22	-22-9-5	SOLDER	SOLDER	
WHT/TAN	22	-22-9-10	SOLDER	SOLDER	
WHT/YEL	22	-22-9-4	SOLDER	SOLDER	
YEL/TAN	20	-20-4-10	SOLDER	SOLDER	
RED/BLK(1)	18	-18-2-0	SOLDER	SOLDER	

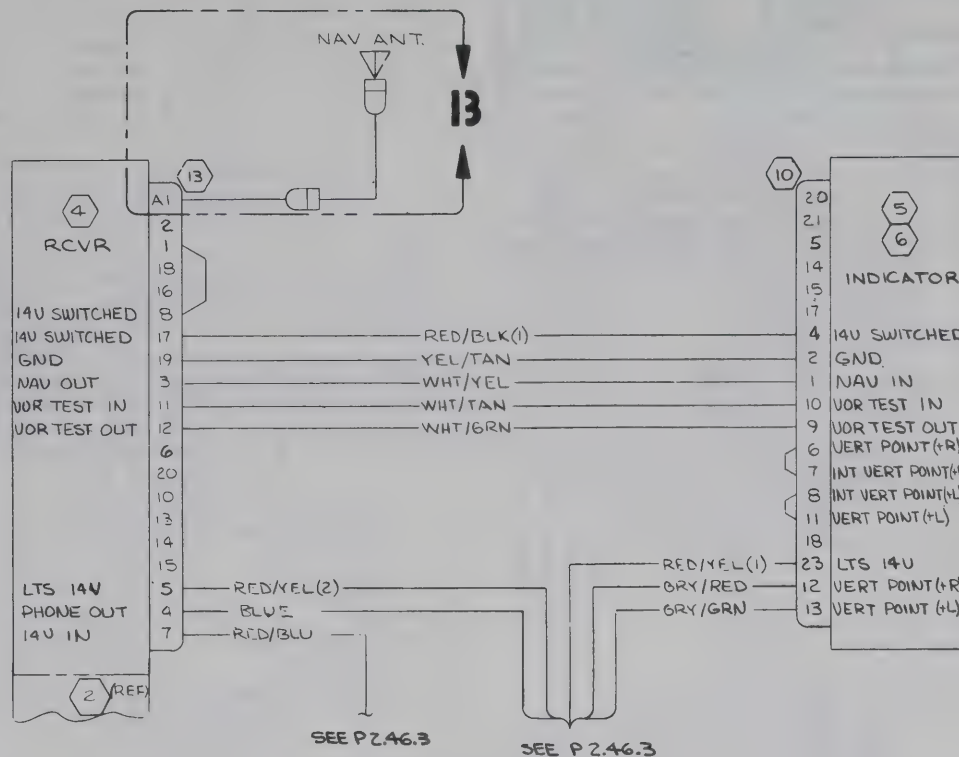
17	38960-0014	ACCESSORY UNIT (ARC TYPE RTA532B-1)
16	37243	FILTER ASSY (00781)
15	S-1838-1	HOUSING
14	S-1838-2	HOUSING
13	35693-0004	CONNECTOR (00781)
12	AV-547	COUPLER (2833)
11	0510084-1	JUNCTION BOX ASSY
10	36364-0000	CONNECTOR KIT (00781)
9	36363-0000	CONNECTOR KIT (00781)
8	35693-0003	CONNECTOR (00781)
7	36600-0000	ACCESSORY UNIT (ARC TYPE RTA532B)
6	39490-0000	INDICATOR (ARC TYPE IN-543B)
5	39480-0000	INDICATOR (ARC TYPE IN-522B)
4	33560-1100	RECEIVER (ARC TYPE R-542A)
3	33570-1000	TRANSCIVER (ARC TYPE RT532A)
2	33950-1100	RCVR/XMTR (ARC TYPE RT-522A)
1	S-1360-5	CIRCUIT BREAKER

ITEM NO.	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 2.46.1.0		
SUPERSEDED BY:		

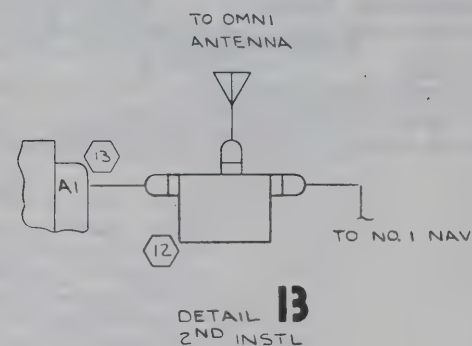
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. FAWNEE WICHITA, KANSAS		
DESIGN	SIRTS YR	DATE	Cessna AIRCRAFT CO.		
GROUP	27 W/W	9-9-68	TITLE		
DRAWN	SCRAPER	8-19-68	WIRING DIAGRAM -		
CHECK	G. IRVIN	8-30-68	CESSNA 400 NAV/COM		
STRESS	RFGEIDE	9-7-68	(ARC TYPE RT522A & RT 532A)		
PROJECT	SWANEY	7-10-68	SIZE	CODE IDENT.	DWG NO.
APPD			C	71379	1270675
SCALE: NONE			U2061P206		
			PAGE: 2.46.2.1		

RED/WHT(3)	18	-18-2-9	SOLDER	SOLDER	SERU20601413 SER P20600611
RED(2)	18	-18-2	S-1367-1-6	SOLDER	SER U20601413 SER P20600611
RED	18	-18-2	S-1367-1-6	SOLDER	THRU SER U20601413 THRU SER P20600611
BLK(4)	18	-18-0	SOLDER	S-1367-1-8	
WIRE CODE NO.	GA	MATL	LG	TERMINAL	SERIALS

WIRE TABLE



REVISION			
LET	DESCRIPTION	DATE	APPD
B	SEE P 2.46.2.1 FOR REV		

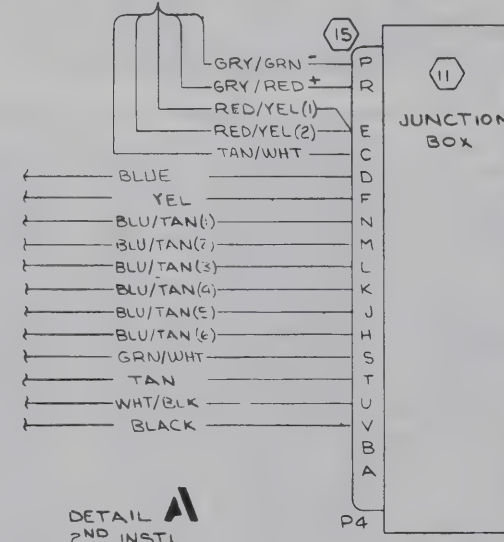


WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:					
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	H. Wied	6/7/68	COMMERCIAL AIRCRAFT DIV.		
DRAWN	SCRAPER	8-8-68	5800 E. PAWNEE		
CHECK	G. IRVIN	8-30-68	WICHITA, KANSAS		
STRESS	R.F. GEIDE	9-3-68	TITLE		
PROJECT	J. J. R. R.	1/10/68	WIRING DIAGRAM -		
APPD	SWANEX	8-30-68	CESSNA 400 NAV/COM		
			ARC TYPE RT 522A & RT 532A		
			SIZE	CODE IDENT.	DWG NO.
			C	71379	1270675
			SCALE: NONE U206 & P206 PAGE: 2.46.2.2		

PART NO.	DESCRIPTION
EQUIPMENT TABLE	
SUPERSEDES:	
P 2.46.1.1	
SUPERSEDED BY:	
CES-1000 IS APPLICABLE	
VENDOR CODES PER S-1400	
CES-XXXX=CESSNA SPEC. NO.	
S-XXX OR CMXXXX=CESSNA	
STD. NO.	

REVISION			
LET	DESCRIPTION	DATE	APPD

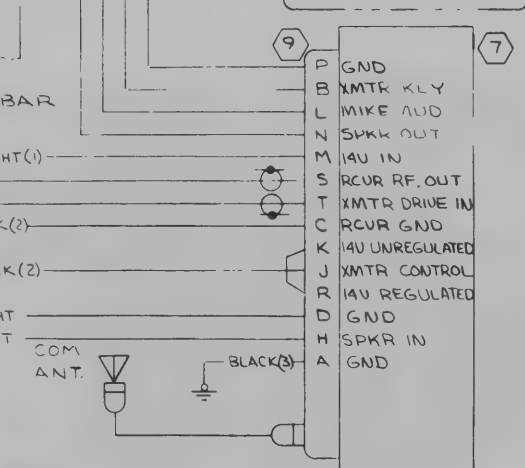
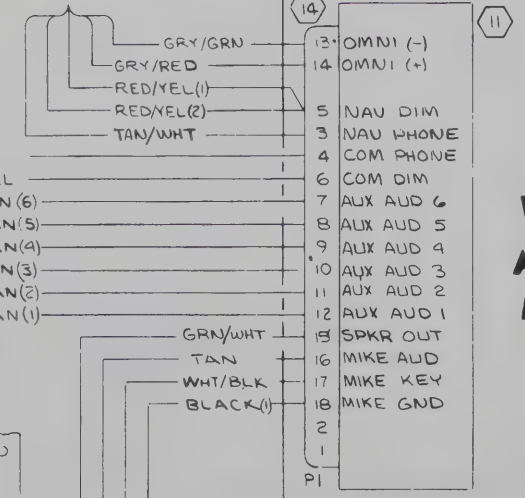
SEE P2 46.2.2



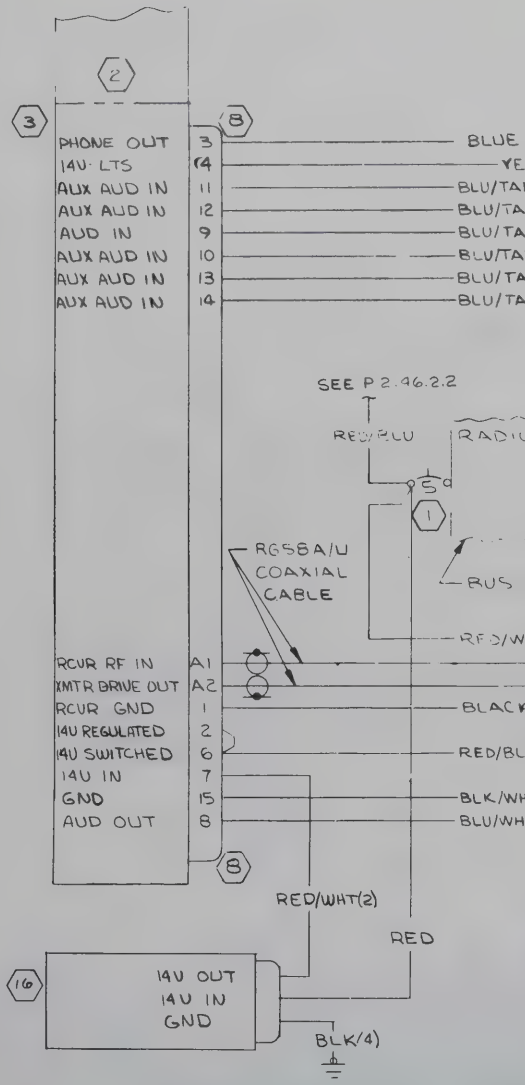
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SERP20600611 & SER U20601412
10-20-69 BPH
EDERR 10530
JWH
TRD
HWW
J200

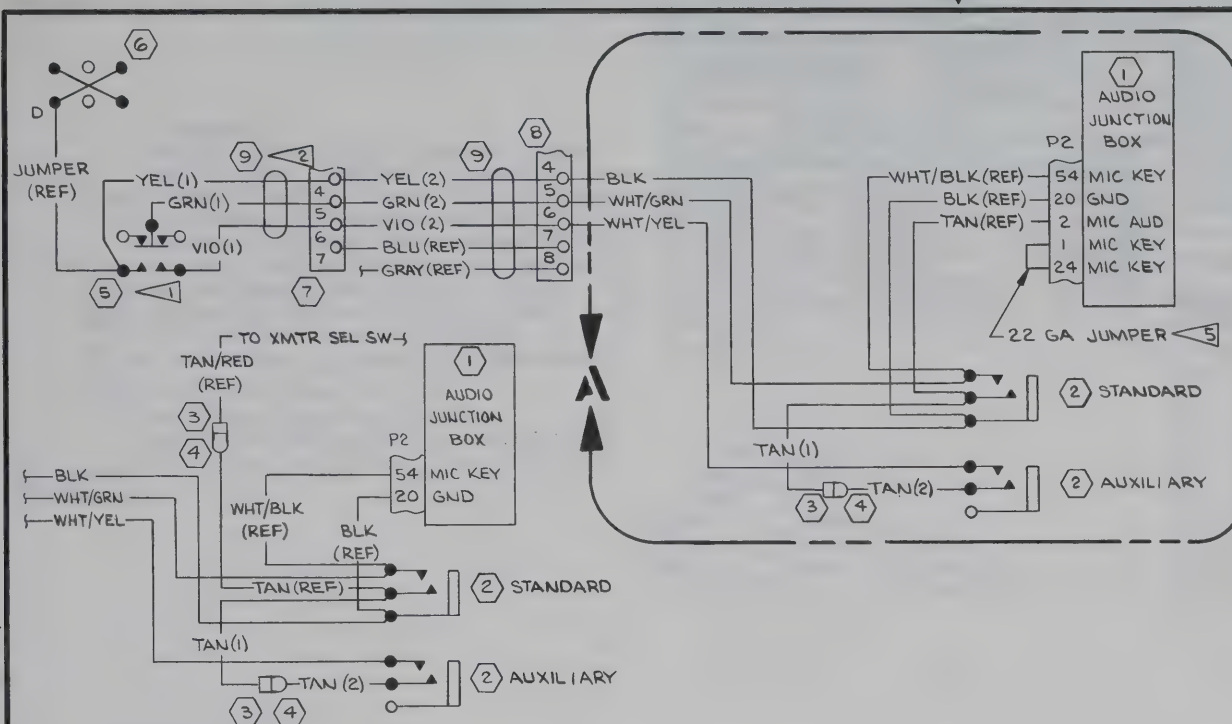
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO.			Cessna Aircraft Co.		
DESIGN	NAME	DATE	TITLE		
GROUP	2. W. 100	2-4-68	WIRING DIAGRAM -		
DRAWN	SCHAEFER	8-19-68	CESSNA 400 NAV/COM		
CHECK	G. IRVIN	8-30-68	(ARC TYPE RT 522A & RT 532A)		
STRESS	R. GEIDE	2-2-68	SIZE	CODE IDENT. NO.	DWG NO.
PROJECT	SWANEY	8-30-68	C	71379	1270675
APPD	SWANEY	8-30-68	SCALE: NONE	U206 & P206	PAGE: 2, 46.2.3

SEE P2.46.2.2



ITEM NO.	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 2 46 1.1
	SUPERSEDED BY:	P. 2.46.3





REVISION			
LET	DESCRIPTION	DATE	APPD

DETAIL A
(APPLIES TO DUAL UNIT INSTALLATION)

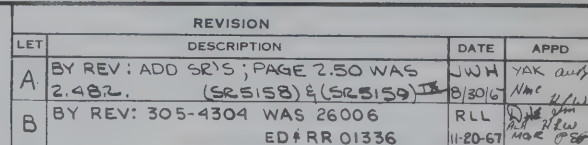
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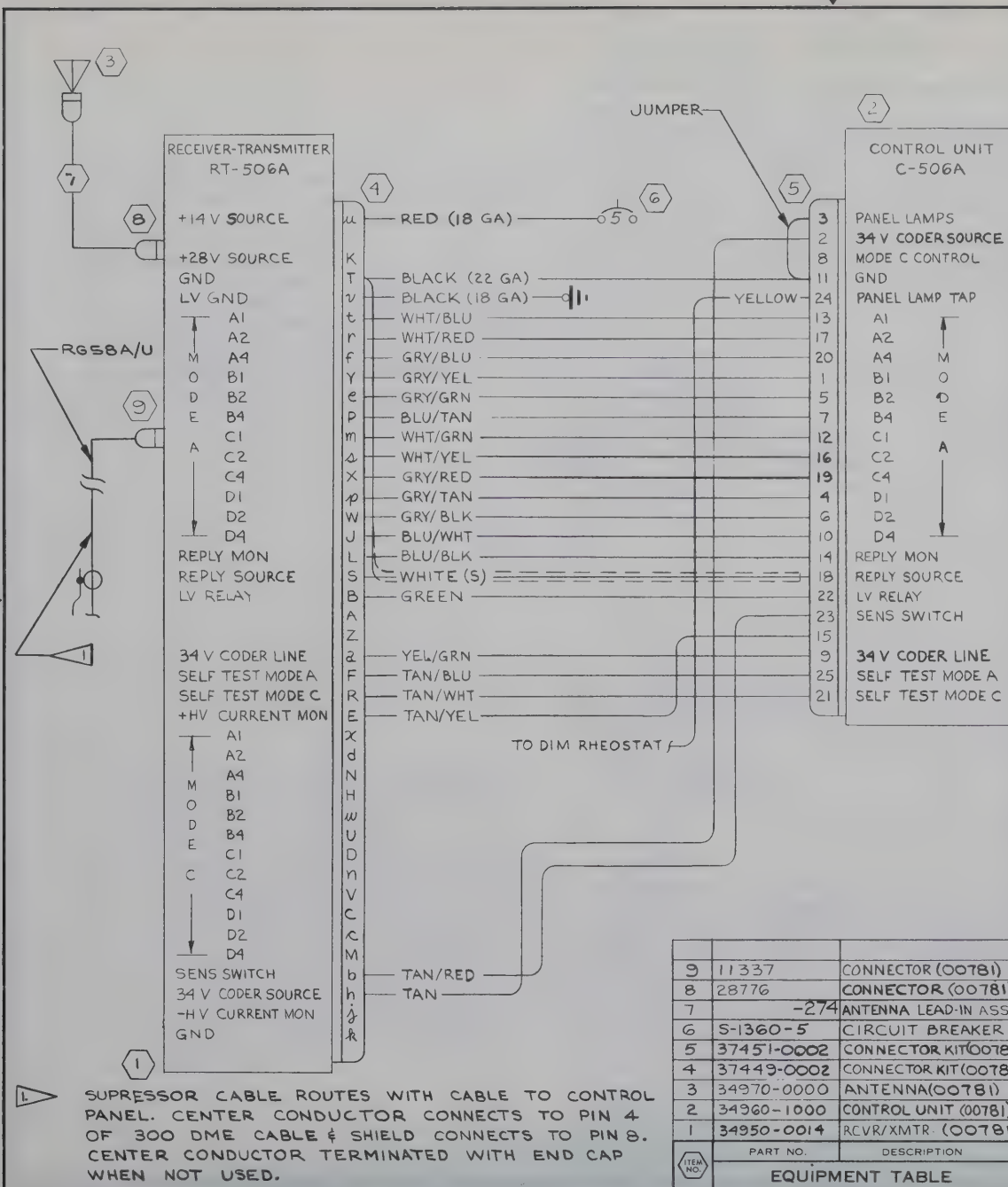
1. NORMALLY CLOSED TERMINALS (LONG LEAF) TO BE CLIPPED OFF BEFORE INSTALLATION IN CONTROL WHEEL
2. WHITE, BLACK & GRAY WIRES TO BE STRIPPED FROM SF-1030-BX (08261) CABLE BEFORE INSTALLING IN CONTROL WHEEL
3. 329636 (00779) TERMINAL
4. PART OF SF-1030-BX (08261) CABLE
5. APPLIES TO SINGLE UNIT INSTALLATION ONLY

ITEM NO.	PART NO.	DESCRIPTION
9	SF-1030-BX	CABLE
8	351-11-08-001	TERMINAL BLOCK
7	351-11-07-001	TERMINAL BLOCK
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		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.		
SUPERSEDES: 2.48.4 1270675 PAGE 2.49 & 2.50 SUPERSEDED BY:		

BLK	22	-22-0	3	SOLDER		
WHT/GRN	22	-22-9-5	3	SOLDER		
WHT/YEL	22	-22-9-4	3	SOLDER		
TAN(2)	22	-22-10	S-1635-1	SOLDER		
TAN(1)	22	-22-10	SOLDER	S-1636-1		
VIO (2)		4	3	3		
VIO (1)		4	SOLDER	3		
GRN(2)		4	3	3		
GRN(1)		4	SOLDER	3		
YEL(2)		4	3	3		
YEL(1)		4	SOLDER	3		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

WIRE TABLE						
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			
			Cessna AIRCRAFT CO.			
DESIGN	NAME	DATE	TITLE			
GROUP	H. W. H.	9-5-69	WIRING DIAGRAM —			
DRAWN	MONICAL	8-28-69	MIKE SWITCH,			
CHECK	J. HARRIS	8-28-69	CONTROL WHEEL			
STRESS		9-1-69				
PROJ	H. W. H.	9-5-69	SIZE	CODE IDENT.	DWG NO	
APPD	M. J. HARRIS	8-28-69	C	71379	1270675	
OTHER			SCALE: NONE	U206 & P206	PAGE: 2.48.5	

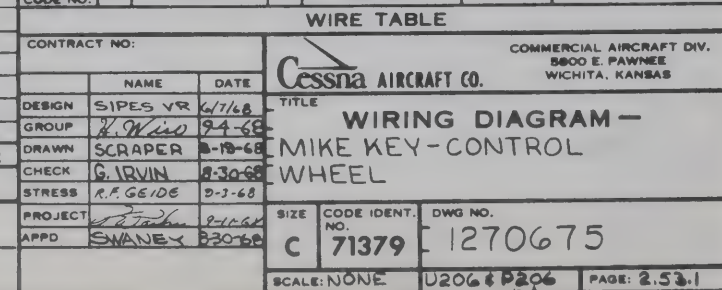
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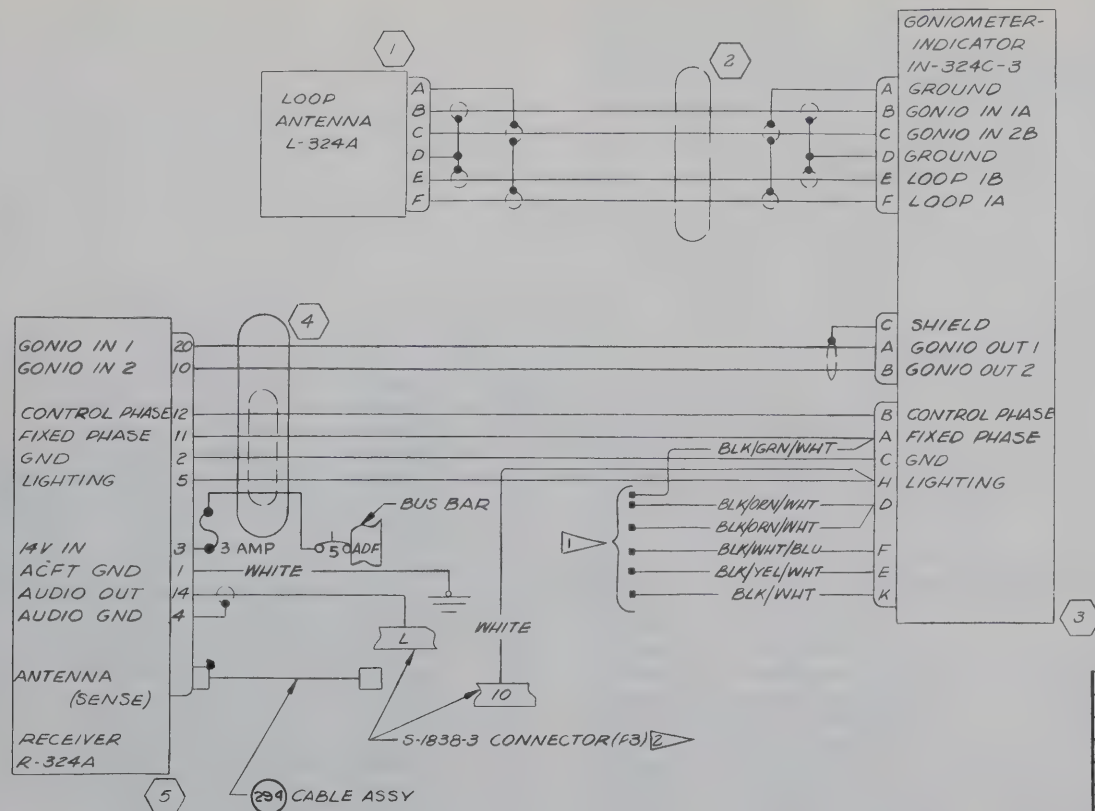
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: PAGE 2.52.1. WAS 2.22.1 ADD CABLE; DELETE WHITE WIRE ED&RR 01373 & 01352	RLY 1-12-68	RLY <i>[Signature]</i>
B	BY REV: 37451-0002 WAS 37451 & 37449-0002 WAS 37449 ED&RR 01992	RLY 4-11-68	RLY <i>[Signature]</i>

CABLE	RG58A/U	UG-88C/U	TERMINALS	SERIALS
TAN/WHT 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/WHT 22	-22-6-9			
WHITE 20(S)	S-1461-20-9			
BLU/BLK 22	-22-6-0			
YEL/GRN 20	-20-4-5			
GREEN 20	-20-5			
YELLOW 20	-20-4		SOLDER	
RED 18	-18-2		S-1367-2-8	
BLACK 18	-18-0		S-1367-2-8	
BLACK 22	-22-0		SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
WIRE TABLE				
CONTRACT NO:		Cessna AIRCRAFT CO.		
DESIGN	NAME	DATE	TITLE	
GROUP	G WOOD	11-20-67	WIRING DIAGRAM -	
DRAWN	H. WOOD	10-3-67	CESSNA 400 TRANSPONDER	
CHECK	LAURIE	10-24-67	(ARC TYPE 506A)	
STRESS	ASH/ER	11-14-67		
PROJECT	7824	11-20-67		
APPD				
SIZE	C	CODE IDENT. NO.	71379	DWG NO. 1270675
SCALE:		PAGE: 2.52.1		

PART NO.	DESCRIPTION
9 11337	CONNECTOR (00781)
8 28776	CONNECTOR (00781)
7 -274	ANTENNA LEAD-IN ASSY
6 S-1360-5	CIRCUIT BREAKER
5 37451-0002	CONNECTOR KIT (00781)
4 37449-0002	CONNECTOR KIT (00781)
3 34970-0000	ANTENNA (00781)
2 34960-1000	CONTROL UNIT (00781)
1 34950-0014	RCVR/XMTR (00781)
EQUIPMENT TABLE	



SUPERSEDES:
P. 2.53



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

5	36380-1000	RECEIVER	P 3.29.
4	38422-0014	CABLE ASSY	P 3.29.
3	38450-0003	GONIOMETER IND.	P 3.29.
2	33827	LOOP CABLE ASSY	P 6.3
1	36420-1100	LOOP ANTENNA	P 6.3
ITEM NO.	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:

[illegible]

CONTRACT NO:			WIRE TABLE		
			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	LURIE		TITLE		
DRAWN	H. Wain	9-4-68	WIRING DIAGRAM -		
CHECK	L. SCRAPER	8-27-68	CESSNA 400 ADF		
STRESS	G. IRVIN	8-30-68	(ARC TYPE 324A)		
PROJECT	H.F.G. 10C	7-3-68			
APPD	SWANNEY	8-30-68			
			SIZE	CODE IDENT. NO.	DWG NO.
			C	71379	1270675
			SCALE: NONE		U2064P206
					PAGE: 2.55.

REVISION			
REV	DESCRIPTION	DATE	APPD

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				
GRY/GRN	22	-22-8-5		S-1837-1		
TAN/RED	22	-22-10-2		SOLDER		
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		

19	41181-3	CONNECTOR	
18	41117-1	CONNECTOR	
16	VOA-40	INDICATOR	3.34.0
15	0570084-1	JCT BOX ASSY	7.15.0
14	T(12)MP-12A-1	PWR AUDIO UNIT	4.28
13	1773-100	CONN KIT ASSY	2.56.0
12	S-1838-2	HOUSING	2.56.0
11	K41182-2	CAP	2.56.0
10	K41116-1	CONNECTOR	2.56.0
9	S-1360-15	CIRCUIT BREAKER	3.34.0
8	K41271-1	PLUG	2.56.0
7	-202	CABLE ASSY	2.2
6	1270013-1	BALUN STUB	6.2.0
5	-271	CABLE ASSY	2.1
4	MK-12B	NAV/COM(360 CHAN)	3.34.0
3	MK-12B	NAV/COM(90 CHAN)	3.34.0
2	1270012-1	ANTENNA - NAV	6.2.0
1	CS98501-0102	ANTENNA-COMM	6.16

ITEM NO	PART NO.	DESCRIPTION	PAGE

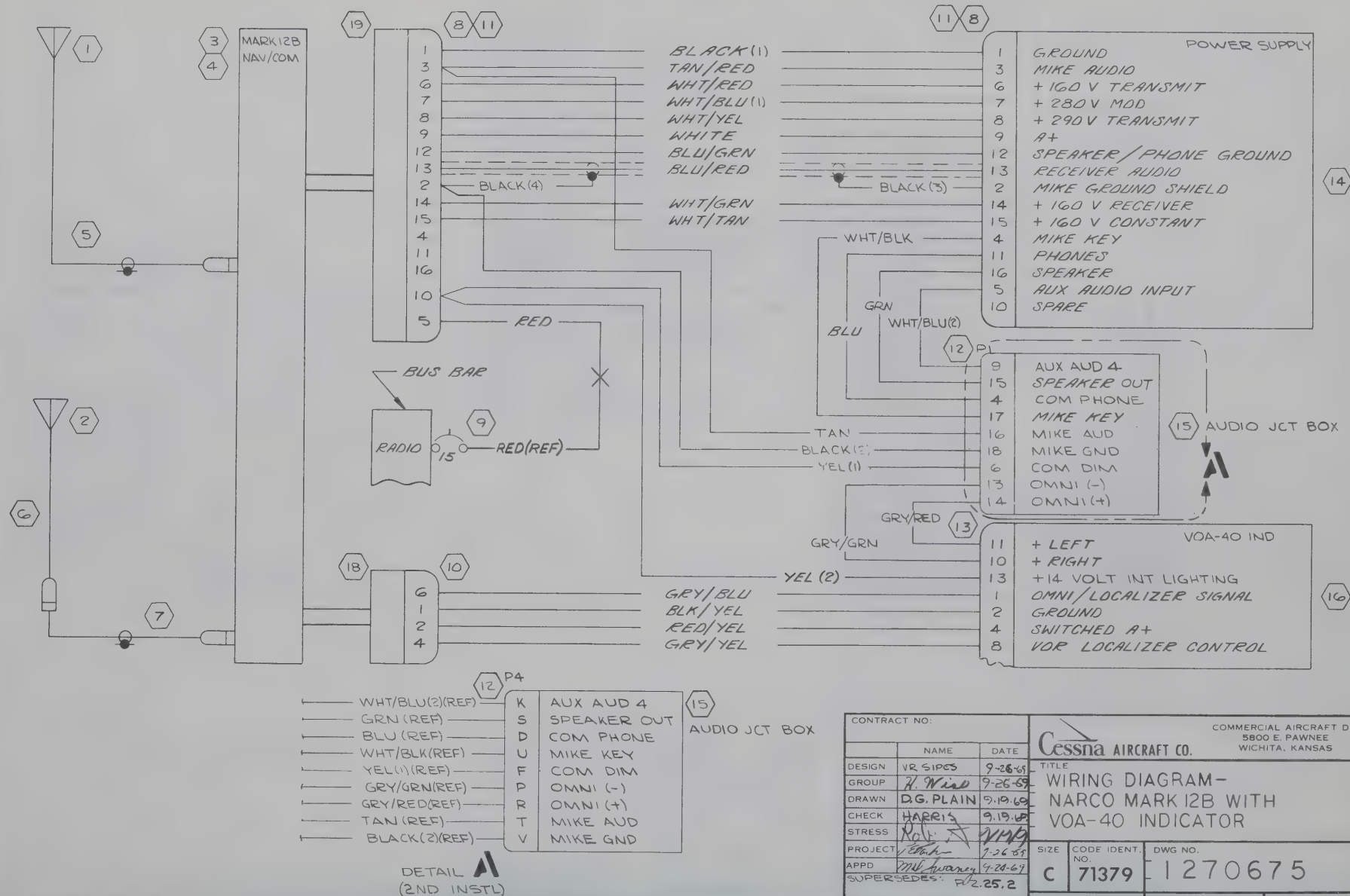
CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.

SUPERSEDES: P 2.25.2

SUPERSEDED BY:

WIRE TABLE			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
CONTRACT NO.			Cessna AIRCRAFT CO.	
DESIGN	NAME	DATE	TITLE	
GROUP	H. W. Lee	9-16-69	WIRING DIAGRAM -	
DRAWN	D. G. PLAIN	9-16-69	NARCO MARK 12B WITH	
CHECK	HARRIS	9-19-69	VOA-40 INDICATOR	
STRESS				
PROJECT			SIZE	DWG NO.
APPD			C 71379	1270675
SCALE: NONE			P206 & U206	PAGE: 2.56.1

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO.			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	VR 5105	DATE	Cessna AIRCRAFT CO.		
GROUP	H. W. 10	DATE	TITLE		
DRAWN	D.G. PLAIN	DATE	WIRING DIAGRAM-		
CHECK	HARRIS	DATE	NARCO MARK 12B WITH		
STRESS	W. H. 10	DATE	VOA-40 INDICATOR		
PROJECT	W. H. 10	DATE	SIZE	CODE IDENT.	DWG NO.
APPD	M. H. 10	DATE	C	71379	1270675
SUPERSEDES: P. 2.25.2			SCALE: NONE	P2064 U206	PAGE: 2.56.2

REVISION			
LET	DESCRIPTION	DATE	APPD

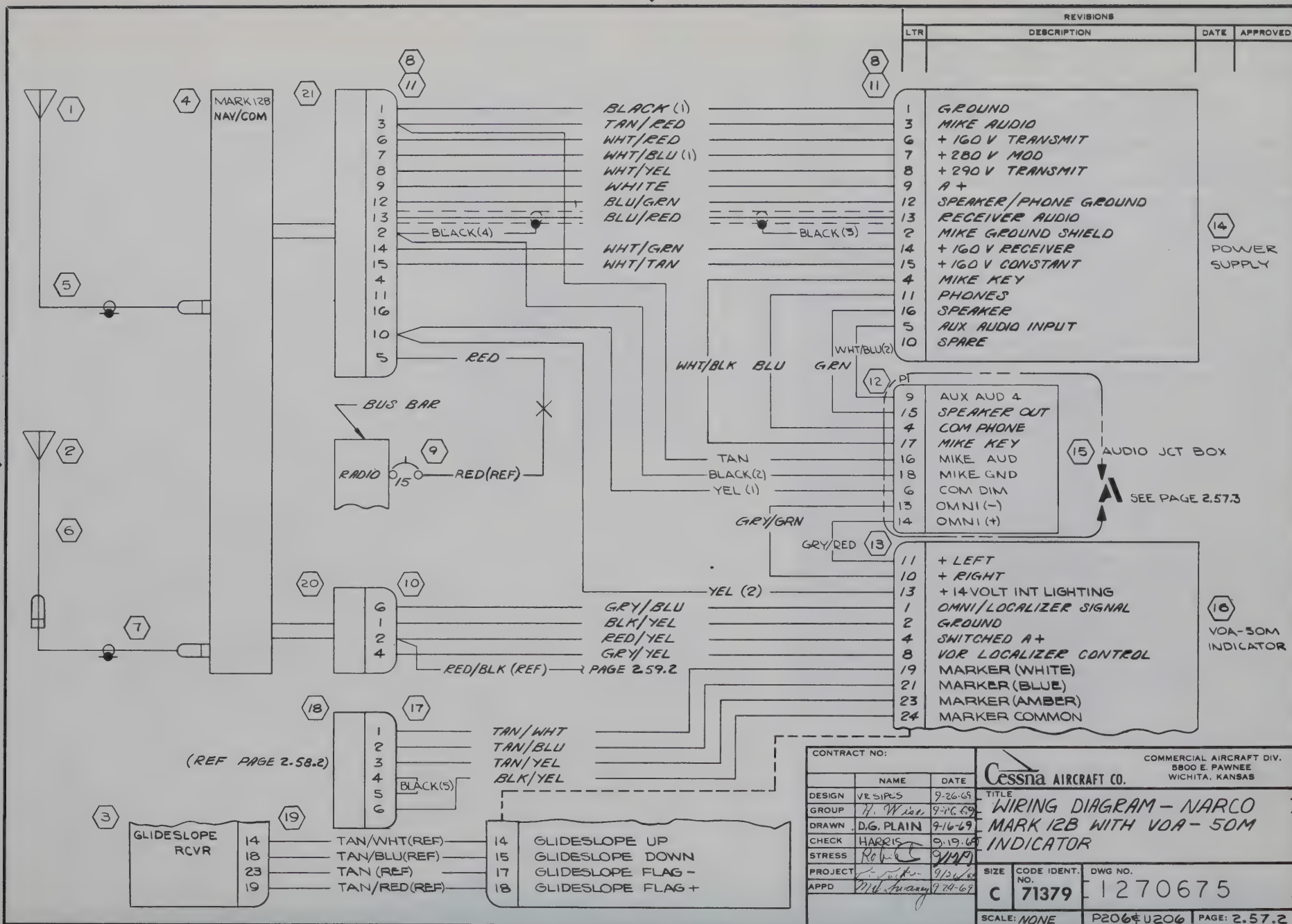
BLACK(5)	22	-22-0	S-1635-1	S-1635-1		
BLACK(4)	22	-22-0	SOLDER	SOLDER		
BLACK(3)	22	-22-0	SOLDER	SOLDER		
BLACK(2)	22	-22-0	SOLDER	S-1837-1		
TAN	22	-22-10	SOLDER	S-1837-1		
WHT/BLU	22	-22-9-6	SOLDER	S-1837-1		
TAN/WHT	22	-22-10-9	SOLDER	S-1635-1		
TAN/BLU	22	-22-10-6	SOLDER	S-1635-1		
TAN/YEL	22	-22-10-4	SOLDER	S-1635-1		
BLK/YEL	22	-22-0-4	SOLDER	S-1635-1		
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		

21	41181-3	CONNECTOR	
20	41117-1	CONNECTOR	
19	41223-2	CONNECTOR	2.59.0
18	S-1641-6	HOUSING-SOCKET	2.58.0
17	S-1640-6	HOUSING-PIN	2.57.0
16	VOA-50M	INDICATOR	3.34.0
15	0570084-1	JCT BOX ASSY	7.15.0
14	T(12)MP-12A-1	PWR AUDIO UNIT	4.28
13	1773-100	CONN KIT ASSY	2.57.0
12	S-1838-2	HOUSING	2.57.0
11	K41182-2	CAP	2.57.0
10	K41116-1	CONNECTOR	2.57.0
9	S-1360-15	CKT BKR	3.34.0
8	K41271-1	PLUG	2.57.0
7	-202	CABLE ASSY	2.2
6	1270013-1	BALUN STUB	6.2.0
5	-271	CABLE ASSY	2.1
4	MK-12B	NAV/COM(360 CHAN)	3.34.0
3	UGR-2	GLIDESLOPE RCVR	4.19
2	1270012-1	ANT. - NAV	6.2.0
1	0598501-0102	ANT. - COMM	6.16

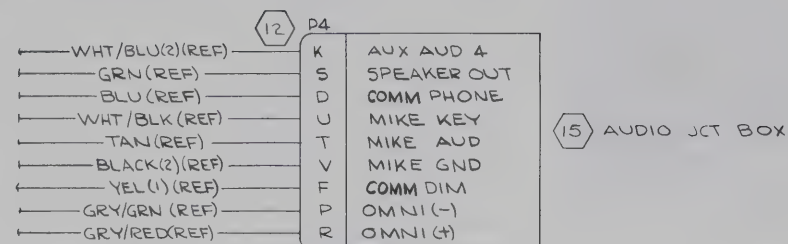
ITEM NO	PART NO.	DESCRIPTION	PAGE
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.			
SUPERSEDED BY:			
SUPERSEDED BY:			

BLUE	22	-22-6				
WHT/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	
WHT/RED	22	-22-9-2				
WHT/BLU	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 CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

CONTRACT NO:			WIRE TABLE		
DESIGN			TITLE		
GROUP			Cessna AIRCRAFT CO.		
DRAWN			COMMERCIAL AIRCRAFT DIV.		
CHECK			5800 E. PAWNEE		
STRESS			WICHITA, KANSAS		
PROJECT			WIRING DIAGRAM -		
APPD			NARCO MARK 12B WITH		
			VOA-50M INDICATOR		
SIZE	CODE IDENT. NO.	DWG NO.			
C	71379	1270675			
SCALE: NONE			P2064U206 PAGE: 2.57.1		



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



DETAIL A
(2ND INSTL)

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
Cessna AIRCRAFT CO.			TITLE		
DESIGN	VR SIPS	9-26-69	WIRING DIAGRAM -		
GROUP	W. Wison	9-16-69	NARCO MARK 12B WITH		
DRAWN	D.G. PLAIN	9-16-69	VOA-50M INDICATOR		
CHECK	HARRIS	9-19-69			
STRESS	Robt. J. ...	9/14/69			
PROJECT	...	...	SIZE	CODE IDENT. NO.	DWG NO.
APPD	...	...	C	71379	1270675
SCALE: NONE			P206#U206		PAGE: 2.57.3

REVISION			
LET	DESCRIPTION	DATE	APPD

BLK (1)	18	-18-0	SOLDER	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/WHT	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		
WHT/GRN	22	-22-9-5		S-1636-1		
WHT/BLU	22	-22-9-6		S-1636-1		
WHT/TAN	22	-22-9-10	SOLDER	S-1370-1		
RED	18	-18-2	S-1837-1	S-1367-1-6		
WHT/BLK	22	-22-9-0	SEE TAN/WHT	S-1370-1		
WHT/RED	22	-22-9-2	SEE TAN/BLU	S-1370-1		
WHT/YEL	22	-22-9-4	SEE TAN/YEL	S-1370-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

15	VAL 3-12	RESISTOR	2.58.0
14	S-1696-4	SWITCH	2.58.0
13	F4	DIODE	2.58.0
12	S-1640-6	HOUSING - PIN	2.57.0
11	S-1641-6	HOUSING - SOCKET	2.58.0
10	S-1360-10	CIRCUIT BREAKER	
9	S-1696-2	SWITCH	2.58.0
8	S-1695-1	SWITCH	2.60.1
7	S-1838-1	HOUSING	2.58.0
6	S-1838-3	HOUSING	2.58.0
5	28371-0009	CONNECTOR	2.58.0
4	0770681-1	ANTENNA	6.6.1
3	-246	CABLE ASSY	2.9
2	0570084-1	JCT BOX ASSY	7.15.0
1	31240-0014	RECEIVER	4.5

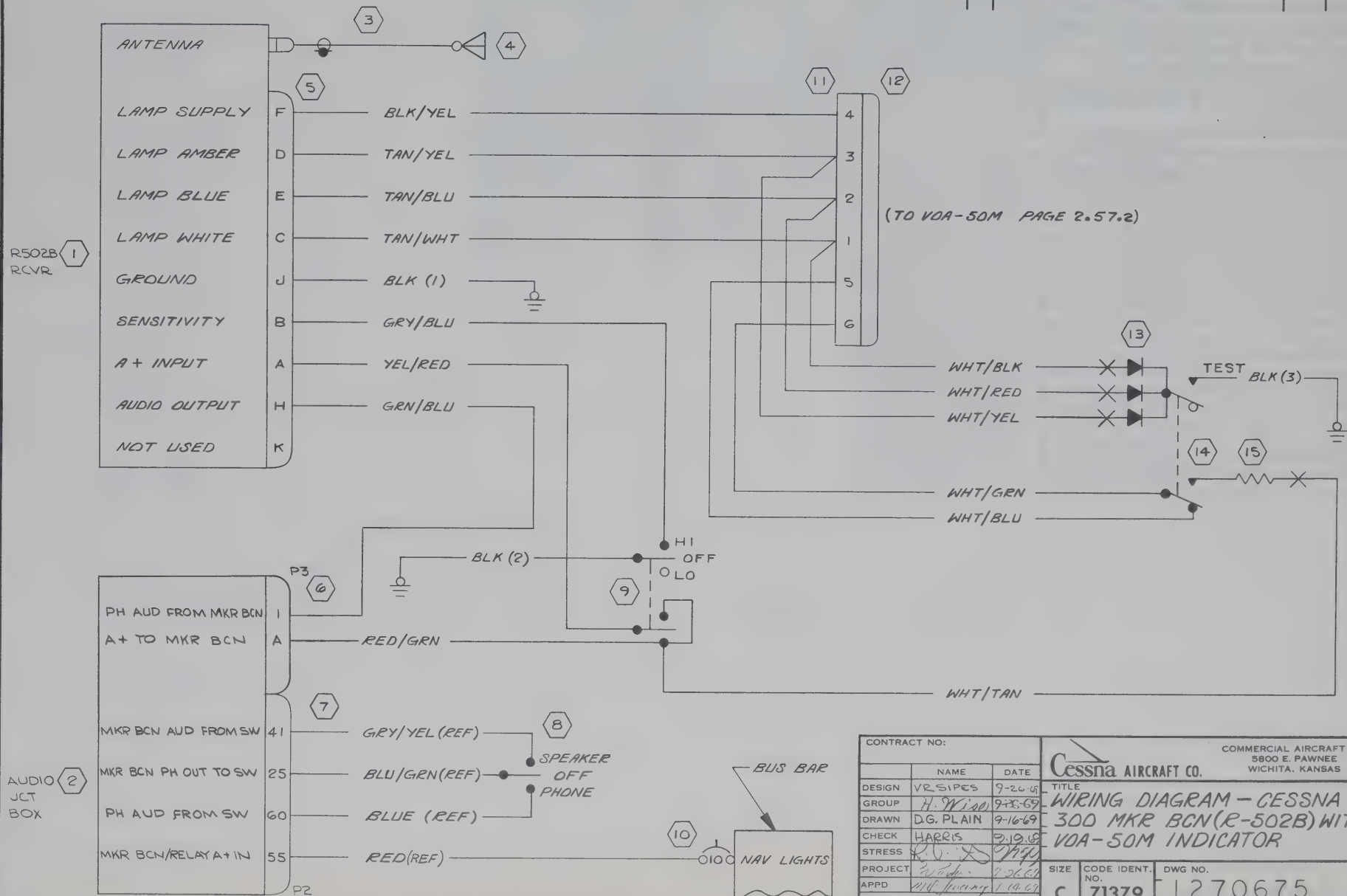
ITEM NO.	PART NO.	DESCRIPTION	PAGE

SUPERSEDES:	
SUPERSEDED BY:	

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

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS Cessna AIRCRAFT CO.		
DESIGN	VR SIPS	9-26-69	TITLE		
GROUP	H. W. L. D.	9-16-69	WIRING DIAGRAM -		
DRAWN	D.G. PLAIN	9-16-69	CESSNA 300 MKR BCN (R-502B)		
CHECK	HARRIS	9-10-69	WITH VOA-50M INDICATOR		
STRESS					
PROJECT		9/16/69	SIZE	CODE IDENT. NO.	DWG NO.
APPD		9/14/69	C	71379	1270675
SCALE: NONE			P206 U206 PAGE: 2.58.1		

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	VR-SIPS	9-26-69	Cessna AIRCRAFT CO.		
GROUP	H. W. 100	9-26-69	TITLE		
DRAWN	DG. PLAIN	9-16-69	WIRING DIAGRAM - CESSNA		
CHECK	HARRIS	9-19-69	300 MKR BCN(R-502B) WITH		
STRESS	W. J. S. 100	9-19-69	VOA-50M INDICATOR		
PROJECT	W. J. S. 100	9-26-69	SIZE	CODE IDENT.	DWG NO.
APPD	W. J. S. 100	9-26-69	C	71379	1270675
SCALE: NONE			P206#U206 PAGE: 2.58.2		

REVISION			
LET	DESCRIPTION	DATE	APPD

BLK (2)	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				

12	MRA-14S	PIGTAIL	2.59.0
11	-217	CABLE ASSY	2.11
10	MK-12B	NAV/COM UNIT	3.34.0
9	1773-100	CONN KIT ASSY	2.57.0
8	K41116-1	CONNECTOR	2.57.0
7	41247-102	CONNECTOR	2.59.0
6	470Ω 1/4 W	RESISTOR	2.59.0
5	1KΩ 1/4 W	RESISTOR	2.59.0
4	41291-101	CONNECTOR	2.59.0
3	1200098-1	GLIDESLOPE ANTENNA	6.7.1
2	VDA-50M	INDICATOR	3.34.0
1	UGR-2	RECEIVER	4.19

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS

ITEM NO.	PART NO.	DESCRIPTION	PAGE

CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.		SUPERSEDES: P 2.39.1 SUPERSEDED BY:
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CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS Cessna AIRCRAFT CO.	
DESIGN	VR S-1PES	DATE	9-26-69
GROUP	W. W. 100	DATE	9-18-69
DRAWN	D.G. PLAIN	DATE	9-16-69
CHECK	HARRIS	DATE	9-19-69
STRESS	K. J.	DATE	9-17-69
PROJECT	UGR-2	DATE	9-16-69
APPD	M. J. O'NEILL	DATE	9-24-69
SIZE	C	CODE IDENT. NO.	71379
DWG NO.	1270675		
SCALE:	NONE	P206 & U206	PAGE: 2.59.1

TITLE
WIRING DIAGRAM -
UGR-2 GLIDESLOPE WITH NARCO
MARK 12B & VOA-50M INDICATOR

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

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

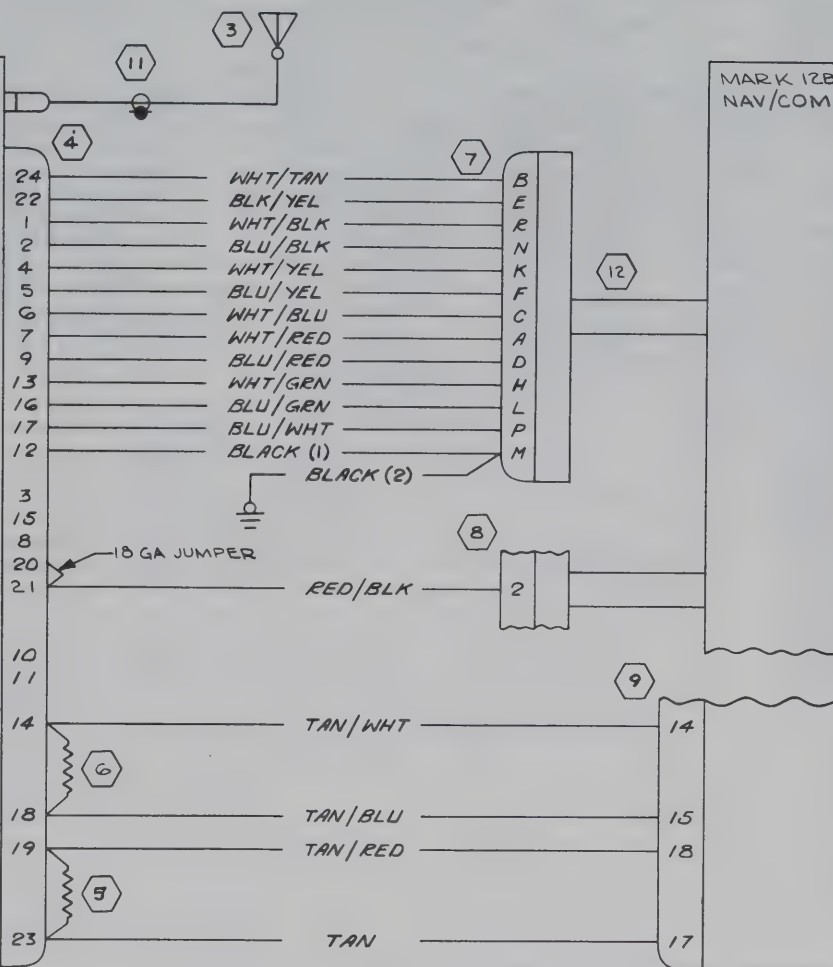
SPARE
SPARE
SPARE
SWITCHED A+
SWITCHED A+

NOT USED
NOT USED

+ UP DEFLECT

+ DOWN DEFLECT
G.S. FLAG +

G.S. FLAG -



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	VRSIPES	9-20-65	TITLE		
DRAWN	H. W. 120	9-20-65	WIRING DIAGRAM - UGR-2		
CHECK	D.G. PLAIN	9-16-69	GLIDESLOPE WITH NARCO		
STRESS	HARRIS	9-19-69	MARK 12B & VOA-50M INDICATOR		
PROJECT	PLA	9-24-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	M. L. 100	9-24-69	C	71379	1270675
SUPERSEDES: P. 2.39.1			SCALE: NONE		
SUPERSEDED BY:			P206 & U206 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)

REVISION			
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, CU110 & PA1010A ED & RR 10796	J.D. R 11/3/69	JWR 11/3/69

8899	8899 CABLE (10-03)	S-1367-2-10	S-1367-2-10
RF3	RG58 A/U	2	2
RF2	RG58 A/U	1	3
RF1	RG58 A/U	1	1
BLU	22 -22-6	SOLDER	S-1837-1
YEL	18 -18-4		S-1837-1
TAN	22 -22-10		S-1837-1
BLK/WHT	18 -18-0-9		SOLDER
BLU/TAN	225 -225-6-10		
BLU/RED	225 -225-6-2		
RED/BLU	18 -18-2-6		
YEL/RED	20 -20-4-2		
YEL/TAN	20 -20-4-10		
GRN/WHT	20 -20-5-9		
GRN/BLU	20 -20-5-6		
GRN/YEL	20 -20-5-4		
GRN/RED	20 -20-5-2	SOLDER	SOLDER
WIRE CODE	GA	MATL	LG

17	S-1960-2-0	HOUSING	2.60.0
16	S-1960-1-0	HOUSING	2.60.0
15	S-1838-2	HOUSING	2.60.0
14	S-1360-20	CIRCUIT BREAKER	3.36
13	99682	POWER SUPPLY	4.29
12	99816	ANT. COUPLER	4.30
11	99680	RECEIVER/EXCITER	3.36
10	90873	CONNECTOR	
9	74996	CONNECTOR	2.60.0
8	74726	CONNECTOR	2.60.0
7	74702	CONNECTOR	
6	74403	CONNECTOR	
5	74362	CONNECTOR	2.60.0
4	0570084-1	AUDIO JCT BOX	7.15
3	-2002	CABLE ASSY	2.60.0
2	-2001	CABLE ASSY	2.60.0
1	-613	ANTENNA INSTL	6.8

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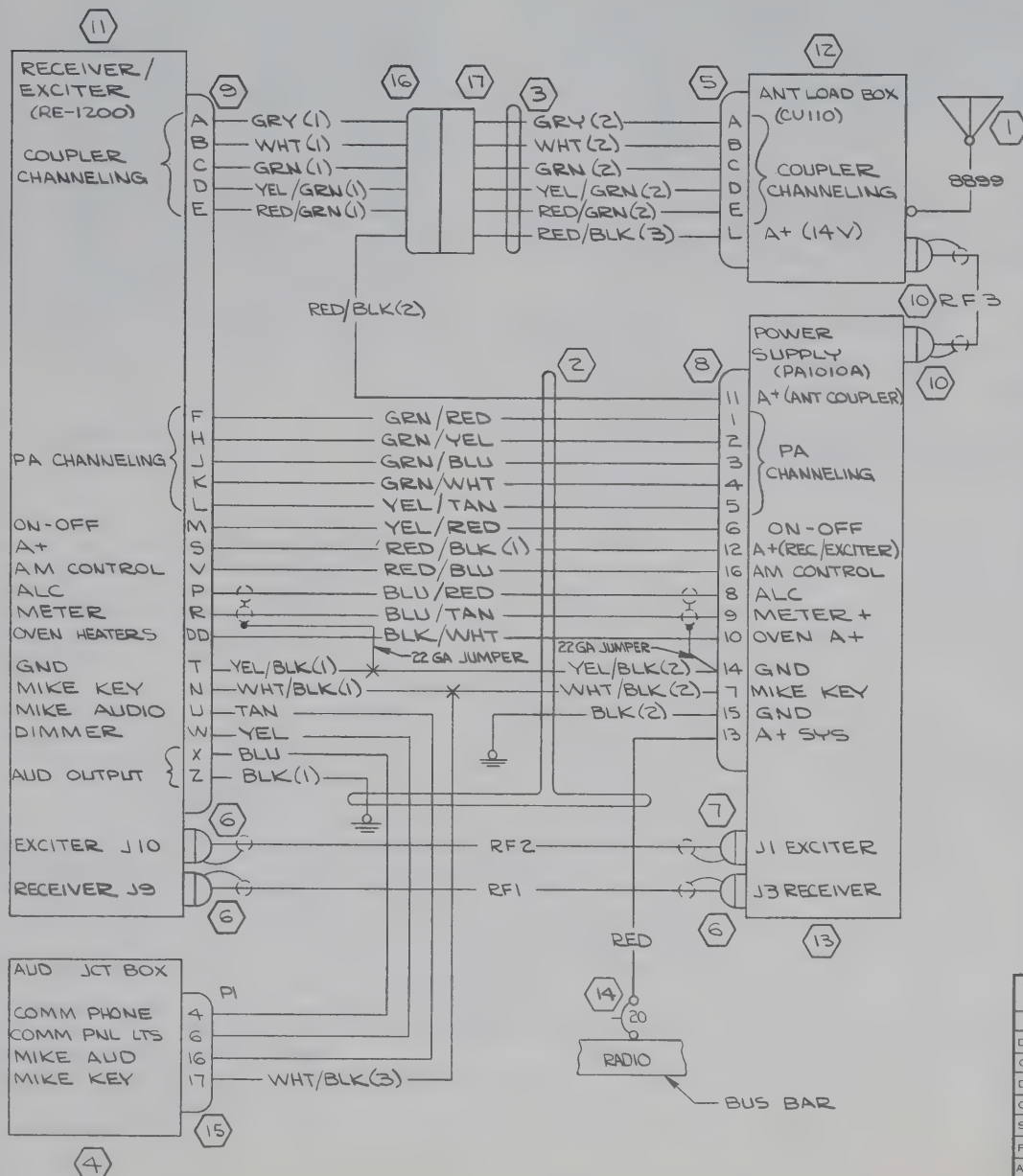
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.			
SUPERSEDES:			
SUPERSEDED BY:			

RED	12	-12-2	S-1367-3-8	SOLDER		
WHT/BLK(3)	22	-22-9-0	SEE WHT/BLK(3)	S-1837-1		
WHT/BLK(2)	22	-22-9-0	SEE WHT/BLK(3)	SOLDER		
WHT/BLK(1)	22	-22-9-0	SOLDER	S-1370-1		
YEL/BLK(2)	18	-18-4-0	SEE YEL/BLK(2)	SOLDER		
YEL/BLK(1)	18	-18-4-0	SOLDER	S-1370-2		
BLK(2)	12	-12-0	S-1367-3-8	SOLDER		
BLK(1)	20	-20-0	SOLDER	S-1367-1-8		
RED/BLK(3)	18	-18-2-0	S-1963-2	SOLDER		
RED/BLK(2)	18	-18-2-0	S-1963-1	SOLDER		
RED/BLK(1)	18	-18-2-0	SOLDER	SOLDER		
RED/GRN(2)	20	-20-2-5	S-1963-2	SOLDER		
RED/GRN(1)	20	-20-2-5	SOLDER	S-1963-1		
YEL/GRN(2)	20	-20-4-5	S-1963-2	SOLDER		
YEL/GRN(1)	20	-20-4-5	SOLDER	S-1963-1		
GRN(2)	20	-20-5	S-1963-2	SOLDER		
GRN(1)	20	-20-5	SOLDER	S-1963-1		
WHT(2)	20	-20-9	S-1963-2	SOLDER		
WHT(1)	20	-20-9	SOLDER	S-1963-1		
GRY(2)	18	-18-8	S-1963-2	SOLDER		
GRY(1)	18	-18-8	SOLDER	S-1963-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna. AIRCRAFT CO.		
GROUP	H. WOOD	10-9-69	TITLE		
DRAWN	H. WOOD	10-9-69	WIRING DIAGRAM -		
CHECK	HARRIS	10-16-69	SSB (HF) (ASB-125)		
STRES	K. F. L. L. L.	10-2-69			
PROJ	J. P. L. L.	10-13-69	SIZE	CODE IDENT.	DWG NO
APPD	M. J. L. L.	10-8-69	C	71379	1270675
OTHER			SCALE: NONE	P206 & U206	PAGE: 2.60.1

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	SEE PAGE 2.60.1 FOR REV		



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.	
GROUP	13 WOOD	10-10-69	TITLE	
DRAWN	H. W. WOOD	10-9-69	WIRING DIAGRAM -	
CHECK	HARRIS	10-6-69	SSB (HF) (ASB-125)	
STRESS	10-1-69	10-1-69		
PROJECT	10-1-69	10-1-69		
APPD	M. W. WOOD	10-8-69		
SIZE	CODE IDENT.	DWG NO.		
C	71379	1270675		
SCALE: NONE			P206 & U206	
			PAGE: 2.60.2	

NOTES:

1. GRN/RED WIRE IS "DEV + " CIRCUIT & GRN/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 400 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	REVISION	BY	CHK
		DATE	APPRO
A	ADD PIN "T" CONTROLLER UNIT TO PIN "T" COMPUTER. WHT 22-20-5-4 (CA-520B) NOTE 9 (SR4401)(SR4402)	WEDER	11-11-63
B	BY REV: SER P206-0578 (U206-1341) WAS SER (SR5752) ED & RR 10530	MARIO	3/11/69

WHT	22	5-1460-22-9	SOLDER	SOLDER	0770704	
GRN/YEL	20	5-1460-20-5-4	SOLDER	S-1367-1-B	0770704	
WHT/BLK	22	5-1460-22-9-0		SOLDER		
RED/BLK	18	5-1460-18-2-0				
WHT/RED	22	5-1460-22-9-2				
BLK/BLU	22	5-1460-22-0-6				
WHT/YEL	22	5-1460-22-9-4				
WHT/GRN	22	5-1460-22-9-5				
WHT/BLU	22	5-1460-22-9-6				
WHT/TAN	22	5-1460-22-9-10				
RED/BLK	18	5-1460-18-2-0				INACTIVE
WHT/RED	22	5-1460-22-9-2				INACTIVE
WHT/BLU	22	5-1460-22-9-6				INACTIVE
WHT/TAN	22	5-1460-22-9-10				INACTIVE
WHT/YEL	22	5-1460-22-9-4				INACTIVE
WHT/GRN	22	5-1460-22-9-5	SOLDER	SOLDER	0770704	INACTIVE
TAN/WHT	22	5-1460-22-10-9	SOLDER	SOLDER	0770704	
TAN/BLU	22	5-1460-22-10-6				
TAN/YEL	22	5-1460-22-10-4				
TAN/RED	22	5-1460-22-10-2		SOLDER		
YELLOW	18	5-1460-18-4		S-1370-1		
RED	16	5-1460-16-2		S-1370-2		
WHT/RED	22	5-1460-22-9-2		SOLDER		
BLU/TAN	22	5-1460-22-6-10				
RED/WHT	18	5-1460-18-2-9				
WHT/BLK	22	5-1460-22-9-0		SOLDER		
GRN/GRN	22	5-1460-22-8-5		S-1370-1		
GRY/RED	22	5-1460-22-8-2		S-1370-1		
BLU/WHT	22	5-1460-22-6-9		SOLDER		
RED/BLK	18	5-1460-18-2-0				
TAN/WHT	22	5-1460-22-10-9				
BLU/GRN	22	5-1460-22-6-5				
TAN/BLU	22	5-1460-22-10-6				
TAN/RED	22	5-1460-22-10-2				
BLU/YEL	22	5-1460-22-6-4				
TAN/YEL	22	5-1460-22-10-4				
WHT/RED	22	5-1460-22-9-2				
BLU/BLK	22	5-1460-22-6-0				
TAN	22	5-1460-22-10				
BLUE	22	5-1460-22-6	SOLDER	SOLDER	0770704	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	N/A	SERIALS

24	35910-0014	COMPUTER-AMP	(CA-520-B)
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	5-1360-10	CIRCUIT BREAKER	
16	R12-75-R534	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	30370-0100	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)
ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON

RED/BLK (3)	18	-18-2-0	S-1635-1	S-1636-1
WHT/RED (3)	22	-22-9-2	S-1635-1	S-1636-1
WHT/BLU (3)	22	-22-9-6	S-1635-1	S-1636-1
WHT/TAN (3)	22	-22-9-10	S-1635-1	S-1636-1
WHT/YEL (3)	22	-22-9-4	S-1635-1	S-1636-1
WHT/GRN (3)	22	-22-9-5	S-1635-1	S-1636-1
RED/BLK (2)	18	-18-2-0	S-1635-1	SOLDER
WHT/RED (2)	22	-22-9-2	S-1635-1	SOLDER
WHT/BLU (1)	22	-22-9-6	S-1635-1	SOLDER
WHT/TAN (2)	22	-22-9-10	S-1635-1	SOLDER
WHT/YEL (2)	22	-22-9-4	S-1635-1	SOLDER
WHT/GRN (2)	22	-22-9-5	S-1635-1	SOLDER
WHT/TAN (1)	22	-22-9-10	S-1635-1	S-1636-1
RED/BLK (1)	18	-18-2-0	SOLDER	S-1636-1
WHT/RED (1)	22	-22-9-2	SOLDER	S-1636-1
WHT/YEL (1)	22	-22-9-4	SOLDER	S-1636-1
WHT/GRN (1)	22	-22-9-5	SOLDER	S-1636-1
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS

EQUIPMENT TABLE

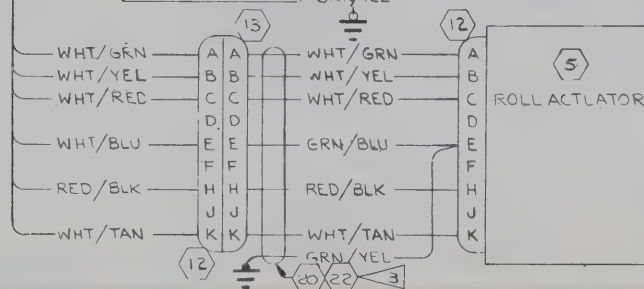
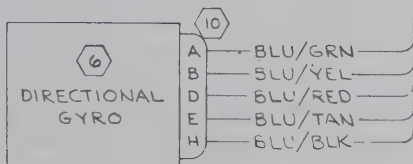
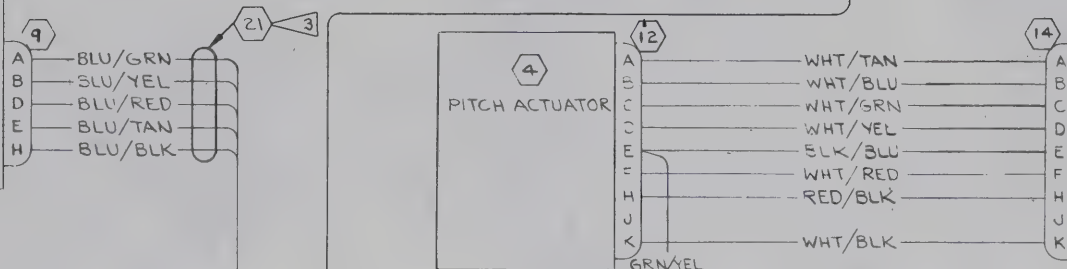
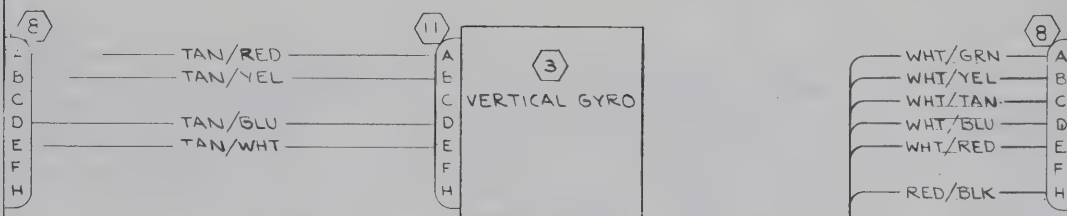
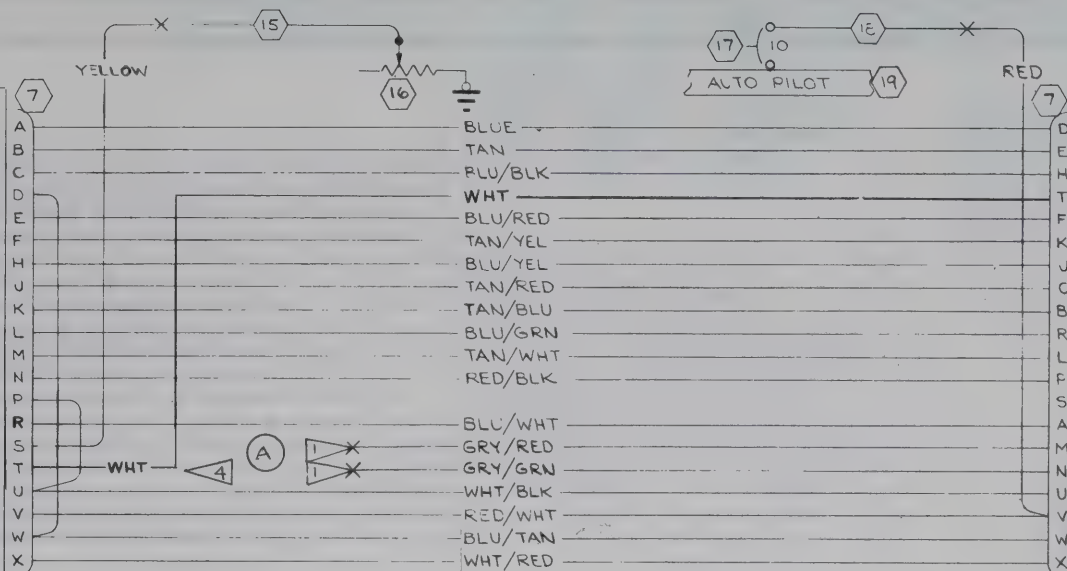
WIRE TABLE

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS					
DRAWN	NAME	DATE	TITLE	DWG NO.	
RIDDER	9-5-63		WIRING DIAGRAM -		
GROVE	11-14-63		NAV-O-MATIC 400		
CHECK	R. Luck	4-18-63	SYSTEM		
PROJ	N. H. G. G.	11-14-63	(OPT)		
SUPERSEDED BY	P17.26.2	SUPERSEDES	MODEL	205 & 206	REV A
					PAGE 17.26.0

Cessna.

DWG NO. 1270625

23 1
CONTROL UNIT



(SR 4338)

CHG	ZONE	REVISION	BY	CHK
LET			DATE	APPRO
B		FOR REV REFER TO PAGE 17.26.0		

INACTIVE:
EFF SER P206-0161 & U206-0438
THRU SER P206-0578 & U206-1341
RLY 5-27-68
ED: RR 02329
GKI HW
MDS
MGR

CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

DRAWN	RIDDER	7-5-63
GROUP	21	9-2-63
CHECK	R. Stock	9-18-63
PROJ	H. McCall	11-14-63

WIRING DIAGRAM -
NAV-O-MATIC 400
SYSTEM
(OPT)

Cessna

1270625
REV: A PAGE: 17.26.1

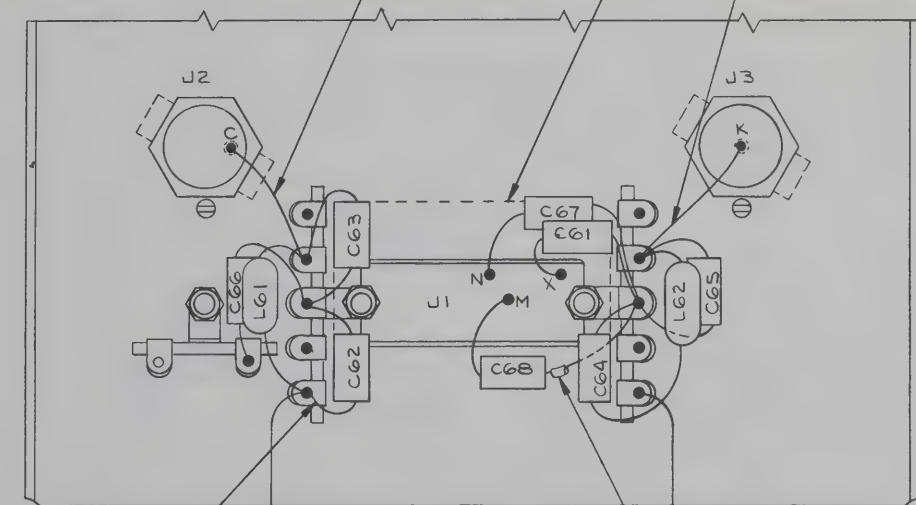
SUPERSEDED BY	SUPERSEDES	MODEL	205 & 206
P17.26.4			

INSIDE VIEW
REAR OF CA-520A
OR CA-520 B

GRN/RED TCR

35082 PLATE INFORMATION
ON OPPOSITE SIDE

ORN/RED TCR



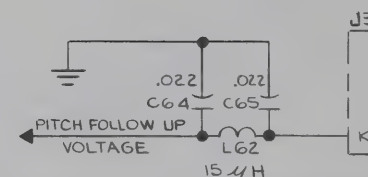
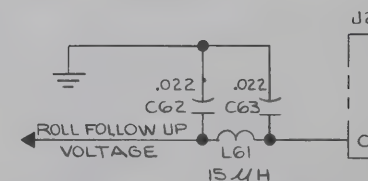
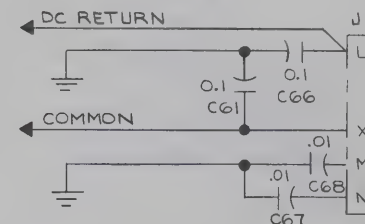
50184-0003
TERMINAL STRIP (2)
(ENLARGE MTG
HOLE TO .116 DIA)

GRN/RED TCR
REMOVED FROM J2-C

ORN/RED TCR
REMOVED FROM J3-K
TUBING AS REQD

REVISION			
LET	DESCRIPTION	DATE	APPD

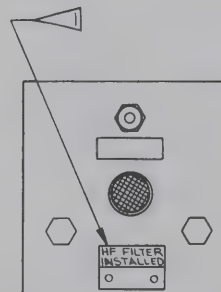
SCHEMATIC DIAGRAM



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

FILTER KIT				
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	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	



CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	WIRING DIAGRAM - NAV-O-MATIC 400 SYSTEM (OPT)	
GROUP	W. W. 40	6-5-68	DRAWN	YOUNGERS 5-27-68	
CHECK	G. IRVIN	6-4-68	STRESS	D. R. BURN 6-6-68	
PROJECT	P. B. 17.26.1.1	6-4-68	APPD	SWANEY 6-4-68	
SIZE	CODE IDENT. NO.	DWG NO.	SCALE: NONE		
C	71379	1270625	206		
PAGE: 17.26.5			EDARR 02329 (SR 5752)		

ITEM NO.	PART NO.	DESCRIPTION

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

SUPERSEDES:
P 17.26.1.1
SUPERSEDED BY:

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

REVISION			
LET	DESCRIPTION	DATE	APPD

RED/BLK(5)	18	-18-2-0	S-1636-1	SOLDER	
RED/BLK(4)	18	-18-2-0	S-1635-1	SOLDER	
RED/BLK(3)	18	-18-2-0	SOLDER	S-1636-1	
RED/BLK(2)	18	-18-2-0	S-1635-1	SOLDER	
RED/BLK(1)	18	-18-2-0	SOLDER	S-1636-1	
RED/WHT(2)	18	-18-2-9	S-1635-1	SOLDER	
RED/WHT(1)	18	-18-2-9	SOLDER	S-1636-1	
TAN/WHT(3)	22	-22-10-9	SOLDER	SOLDER	
TAN/WHT(2)	22	-22-10-9	S-1635-1	SOLDER	
TAN/WHT(1)	22	-22-10-9	SOLDER	S-1636-1	
TAN/BLU(3)	22	-22-10-6	SOLDER	SOLDER	
TAN/BLU(2)	22	-22-10-6	S-1635-1	SOLDER	
TAN/BLU(1)	22	-22-10-6	SOLDER	S-1636-1	
TAN/RED(3)	22	-22-10-2	SOLDER	SOLDER	
TAN/RED(2)	22	-22-10-2	S-1635-1	SOLDER	
TAN/RED(1)	22	-22-10-2	SOLDER	S-1636-1	
TAN/YEL(3)	22	-22-10-4	SOLDER	SOLDER	
TAN/YEL(2)	22	-22-10-4	S-1635-1	SOLDER	
TAN/YEL(1)	22	-22-10-4	SOLDER	S-1636-1	
BLK/BLU	22	-22-0-6	SOLDER	SOLDER	
BLU/BLK(3)	22	-22-6-0	SOLDER	SOLDER	
BLU/TAN(3)	22	-22-6-10	SOLDER	SOLDER	
BLU/TAN(2)	22	-22-6-10	S-1635-1	SOLDER	
BLU/TAN(1)	22	-22-6-10	SOLDER	S-1636-1	
BLU/WHT(2)	22	-22-6-9	S-1635-1	SOLDER	
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	S-1635-1	SOLDER	
BLU/GRN(1)	22	-22-6-5	SOLDER	S-1636-1	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

25	0770704-23	CABLE ASSY	
24	0770704-21	CABLE ASSY	
23	S-1641-6	HOUSING-SOCKET	
22	S-1640-6	HOUSING-PIN	
21	S-1641-15	HOUSING-SOCKET	
20	1270449-4	CABLE ASSY	
19	1270449-10	CABLE ASSY	
18	S-1641-9	HOUSING-SOCKET	
17	S-1640-9	HOUSING-PIN	
16	0713743-1	BUS BAR	
15	S-1360-10	CIRCUIT BREAKER	
14	S-1640-15	HOUSING-PIN	
13	28371-0009	CONNECTOR	1
12	28326-0007	CONNECTOR	1
11	28326-0005	PLUG (00781)	1
10	28371-0005	PLUG (00781)	1
9	28371-0007	CONNECTOR (00781)	1
8	31683-0020	CONNECTOR (00781)	1
7	38423-0001	CONNECTOR (00781)	1
6	35070-1014	ROLL ACTUATOR	(PA-500A)
5	35070-1014	PITCH ACTUATOR	(PA-500A)
4	35670-1014	CONTROL UNIT	(C-520B)
3	37570-0001	VERTICAL GYRO	(G-519A-1)
2	30370-0100	DIRECTIONAL GYRO	(G-520A)
1	55910-0014	COMPUTER	(CA-520B)
ITEM X-10	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: 17.26.2		
	SUPERSEDED BY:		

BLU/YEL(3)	22	-22-6-4	SOLDER	SOLDER	
BLU/YEL(2)	22	-22-6-4	S-1635-1	SOLDER	
BLU/YEL(1)	22	-22-6-4	SOLDER	S-1636-1	
BLU/RED(3)	22	-22-6-2	SOLDER	SOLDER	
BLU/RED(2)	22	-22-6-2	S-1635-1	SOLDER	
BLU/RED(1)	22	-22-6-2	SOLDER	S-1636-1	
BLU/BLK(2)	22	-22-6-0	S-1635-1	SOLDER	
BLU/BLK(1)	22	-22-6-0	SOLDER	S-1636-1	
WHITE(2)	22	-22-9	S-1635-1	SOLDER	
WHITE(1)	22	-22-9	SOLDER	S-1636-1	
YELLOW	18	-18-4	SOLDER	S-1837-1	
RED	10	-16-2	SOLDER	S-1367-2-6	
TAN(2)	22	-22-10	S-1635-1	SOLDER	
TAN(1)	22	-22-10	SOLDER	S-1636-1	
BLACK(2)	22	-22-0	SOLDER	S-1367-1-8	
BLACK(1)	22	-22-0	SOLDER	S-1367-1-8	
BLUE(2)	22	-22-6	S-1635-1	SOLDER	
BLUE(1)	22	-22-6	SOLDER	S-1636-1	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	R. Wise	7-12-69	TITLE		
DRAWN	MARIO	8/29/69	WIRING DIAGRAM —		
CHECK	YOUNGERS	9/19/69	CESSNA 400 NAV-O-MATIC		
STRESS	N.A.G.F. 10E	9-22-69	(OPT)		
PROJ	Smith	7-21-69	SIZE	CODE IDENT. NO	DWG NO
APPD	McDermott	7-17-69	C	71379	1270625
OTHER			SCALE	NONE	206
					PAGE: 17.26.6

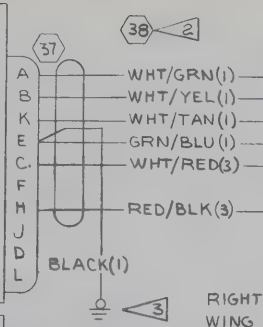
REVISION			
LET	DESCRIPTION	DATE	APPD

31	0770704-2	CABLE ASSY				WIRE TABLE				
30	0570084-1	AUDIO JUNCTION BOX	CONTRACT NO:			Cessna. AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV 5800 E. PAWNEE WICHITA, KANSAS				
29	5-1838-2	HOUSING		NAME	DATE					
28	0770704-29	CABLE ASSY	DESIGN			TITLE WIRING DIAGRAM— CESSNA 400 NAV-O-MATIC (OPT)				
27	0770704-27	CABLE ASSY	GROUP	H. Wise	9-22-69					
26	0770704-25	CABLE ASSY	DRAWN	MARIO	9/2/69					
ITEM NO.	PART NO.	DESCRIPTION	CHECK	YOUNGERS	9-9-69					
	EQUIPMENT TABLE		STRESS	R.F. GEIDE	9-22-69					
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.			SUPERSEDES:	PROJ	R.F. GEIDE	9-22-69	SIZE	CODE IDENT. NO.	DWG NO	
				17.26.2	APPD	M. J. GEIDE	9-17-69	C	71379	1270625
			SUPERSEDED BY:	OTHER				SCALE: NONE	206	PAGE: 17.26.7



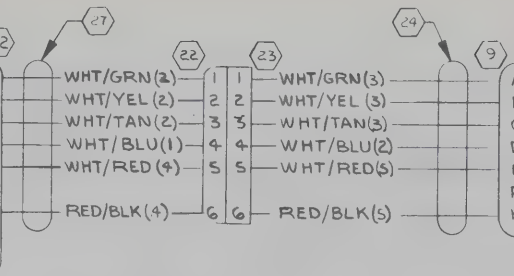
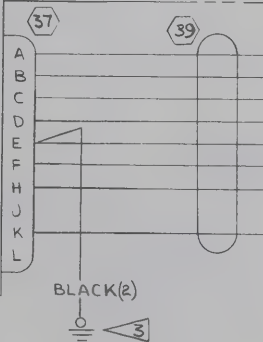
ROLL ACTUATOR TYPE PA-510A

+CW
+CCW
FOLLOW UP
GRD
+DC REF
EFFORT
+14 V
CLUTCH
EFFORT



PITCH ACTUATOR TYPE PA-510A

+CW
+CCW
+DC REF
EFFORT
GRD
EFFORT
+14V
CLUTCH
FOLLOW UP



COMPUTER
CA-520B
ROLL RIGHT(+CW)
ROLL LEFT(+CW)
ROLL FOLLOW UP
DC RET
DC REF (+10V)
LV +
LV +

PITCH UP (+CW)
PITCH DOWN (+CCW)
DC REF (+10V)
PITCH EFFORT
DC RET
PITCH EFFORT
+LV
+LV

INACTIVE:
EFF SERU206-1342 & SERP206-0579
THRU SER U20601446 & SER P20600625
9/2/69
MARIO
RLX 2/16
mos

CONTRACT NO		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP			WIRING DIAGRAM		
DRAWN	MARIO	8/29/69	CESSNA 400 NAV-O-MATIC		
CHECK	YOUNGERS	9-9-69	(OPT)		
STRESS	RFC/DE	9-22-69			
PROJECT			SIZE	CODE IDENT NO	DWG NO.
APPO			C	71379	1270625
SUPERSEDES	17.26.9				
SUPERSEDED BY			SCALE: NONE	206	PAGE: 17.26.9

ROLL ACTUATOR TYPE PA-500A

+CW
+CCW
FOLLOW UP
GRD
+DC REF
EFFORT
+14V
CLUTCH
EFFORT

A WHT/GRN(1)
B WHT/YEL(1)
K WHT/TAN(1)
E GRN/BLU(1)
C WHT/RED(3)
H RED/BLK(3)
J BLACK(1)
D 18 GA JUMPER

RIGHT
WING

PITCH ACTUATOR TYPE PA-500A

+CW
+CCW
+DC REF
EFFORT
GRD
EFFORT
+14V
CLUTCH
FOLLOW UP

A WHT/TAN(4)
B WHT/BLU(3)
C WHT/GRN(4)
D WHT/YEL(4)
E BLK/BLU
F WHT/RED(6)
H RED/BLK(6)
J WHT/BLK(3)
K 18 GA JUMPERS
BLACK(2)

WHT/TAN(4)
WHT/BLU(3)
WHT/GRN(4)
WHT/YEL(4)
BLK/BLU
WHT/RED(6)
RED/BLK(6)
WHT/BLK(3)

COMPUTER
CA-520B
ROLL RIGHT(+CW)
ROLL LEFT(+CW)
ROLL FOLLOW UP
DC RET
DC REF (+10V)
LV +
LV +

PITCH UP (+CW)
PITCH DOWN (+CCW)
DC REF (+10V)
PITCH EFFORT
DC RET
PITCH EFFORT
+LV
+LV

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.
GROUP	H. Wiro	9-22-69	TITLE
DRAWN	MARIO	8/7/69	WIRING DIAGRAM
CHECK	YOUNGERS	9-9-69	CESSNA 400 NAV-O-MATIC
STRESS	R.F. GEIGER	9-22-69	(OPT)
PROJECT	70126	9-22-69	SIZE
APPD	W. Mooney	9-19-69	CODE IDENT. NO.
SUPERSEDES	17.26.4		71379
SUPERSEDED BY:		SCALE: NONE	DWG NO.
		206	1270625
		PAGE: 17.26.10	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
B	BY REV: DELETE TAN WIRES; GRN-YEL WIRE WAS YEL-BLK EDERR 10347	A.S. 2-3-69	JWH HFW R
C	BY REV: ADD DETAILS A, B & C; ADD TO EQUIPMENT TABLE 0570084-1, S-1838-1, S-1838-2 & S-1360-5 EDARR 10590	MARIO	RLY mos HFW

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.

ITEM NO.	PART NO.	DESCRIPTION
20	S-1360-5	CKT BKR
19	S-1838-2	HOUSING
18	S-1838-1	HOUSING
17	0570084-1	AUDIO JUNCTION BOX
16	28503-0009	PLUG (007B1)
15	28326-0009	PLUG
14	28326-0005	PLUG
13	29410	PLUG
12	28371-0009	PLUG
11	28371-0005	PLUG
10	28336	PLUG
9	28460	PLUG
8	50328-0002	PLUG (007B1)
7	CA-2	CKT BKR (80602)
6	S-1360-10	CKT BKR
5	35060-0014	TURN COORD (ARC TYPE G-300A)
4	26360-0000	ACTR ASSY (TYPE PA-510A)
3	30370-0100	DIR GYRO (ARC TYPE G-520A)
2	28900-0000	OMNI COUPLER (ARC TYPE C-512A)
1	35660-1014	CONT AMPL (ARC TYPE C-594B)

EQUIPMENT TABLE

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: FA3 (REF) WAS RED/WHT & FA4 (REF) WAS BLK/WHT EDERR 01975	RLY 3-28-68	GK/MDS PRB HFW HFW

YEL/TAN	20		SOLDER	SOLDER	1270449
YEL/RED	20		SOLDER	SOLDER	
GRN/YEL	18			S-1367-1-8	
YEL	20			SOLDER	
WHT/YEL	22				
WHT/YEL					
WHT/TAN					
WHT/TAN					
WHT/RED					
WHT/RED					
WHT/GRN					
WHT/GRN					
TAN/WHT					
TAN/BLU	22		SOLDER	SOLDER	1270449
RED/BLK	18		SOLDER	SOLDER	1270449
RED	16				
GRN/BLU	22				
GRN/BLU					
GRN					
GRAY/YEL					
GRAY/RED					
GRAY/GRN					
GRAY/BLU	22				
BLU/YEL	22				
BLU/YEL	22				
BLU/YEL	22				
BLU/WHT	22				
BLU/TAN	22				
BLU/RED	22				
BLU/RED	22				
BLU/GRN	22				
BLU/BLK	22				
BLU	22		SOLDER	SOLDER	1270449
BLK	18		SOLDER	S-1367-1-8	1270449
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	N/A
					SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	H. W. W.	7-28-67	TITLE		
DRAWN	C. GARCIA	9-9-67	WIRING DIAGRAM -		
CHECK	LAURIE	9-12-67	CESSNA 300 NAV-O-MATIC		
STRESS	Jim B	5-11-67	AUTOPILOT (OPT)		
PROJECT	H. W. W.	9-15-67	SIZE	CODE IDENT.	DWG NO.
APPD	P. B. M. D.	7-26-67	C	71379	1270625
SUPERSEDES	1270625	17.13.1			
SUPERSEDES BY:			SCALE: NONE	P206 40206	PAGE: 17.28.0



NOTES:

1. ALL CONNECTORS ARE VENDOR SUPPLIED IN KIT NO. 38411
2. GROUND AS CLOSE TO ACTUATOR UNIT AS POSSIBLE

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: 0570084-1, S-1838-1, S-1838-2 1270449-1, 1270449-3, 1270449-4, 1270449-5, 1270449-10; DELETE XR-6638, S-1360-5 WAS CA2 ED4RR 10590 (SR 5751)	MARIO 8/29/69	RLX mps KLU HFW JW

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		S-1361-1-B		
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	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

25	1270449-3	CABLE ASSEMBLY	
24	1270449-10	CABLE ASSEMBLY	
23	1270449-1	CABLE ASSEMBLY	
22	S-1838-2	HOUSING	
21	S-1838-1	HOUSING	
20	0570084-1	AUDIO JUNCTION BOX	
19	1270449-5	CABLE ASSEMBLY	
18	1270449-4	CABLE ASSEMBLY	
17	S-1360-10	CIRCUIT BREAKER	
16	S-1360-5	CIRCUIT BREAKER	
15	50328-0002	PLUG (00781)	
14	35060-0014	RATE GYRO (00781)	
13	28460-0000	PLUG (00781)	
12	28326-0009	PLUG (00781)	
11	28505-0009	PLUG (00781)	
10	38423-0001	PLUG (00781)	
9	35070-1014	ROLL ACTUATOR (00781)	
8	28326-0005	PLUG (00781)	
7	30370-0100	DG (00781)	
6	29410-0000	PLUG (00781)	
5	28900-0000	OMNI COUPLER (00781)	
4	28336-0000	PLUG (00781)	
3	28371-0005	PLUG (00781)	
2	28371-0009	PLUG (00781)	
1	35660-1014	CONTROLLER AMPL (00781)	

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.			
SUPERSEDES: P17.28.0 & 1728.1			
SUPERSEDED BY:			

BLACK(1)	18	-18-0	SOLDER	S-1361-1-B	
RED	16	-16-2		S-1361-2-B	
RED/BLK(2)	18	-18-2-0		SOLDER	
RED/BLK(1)	18	-18-2-0			
GRN/BLU(2)	20	-20-5-6			
GRN/BLU(1)	20	-20-5-6			
WHT/TAN(2)	22	-22-9-10	SOLDER	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

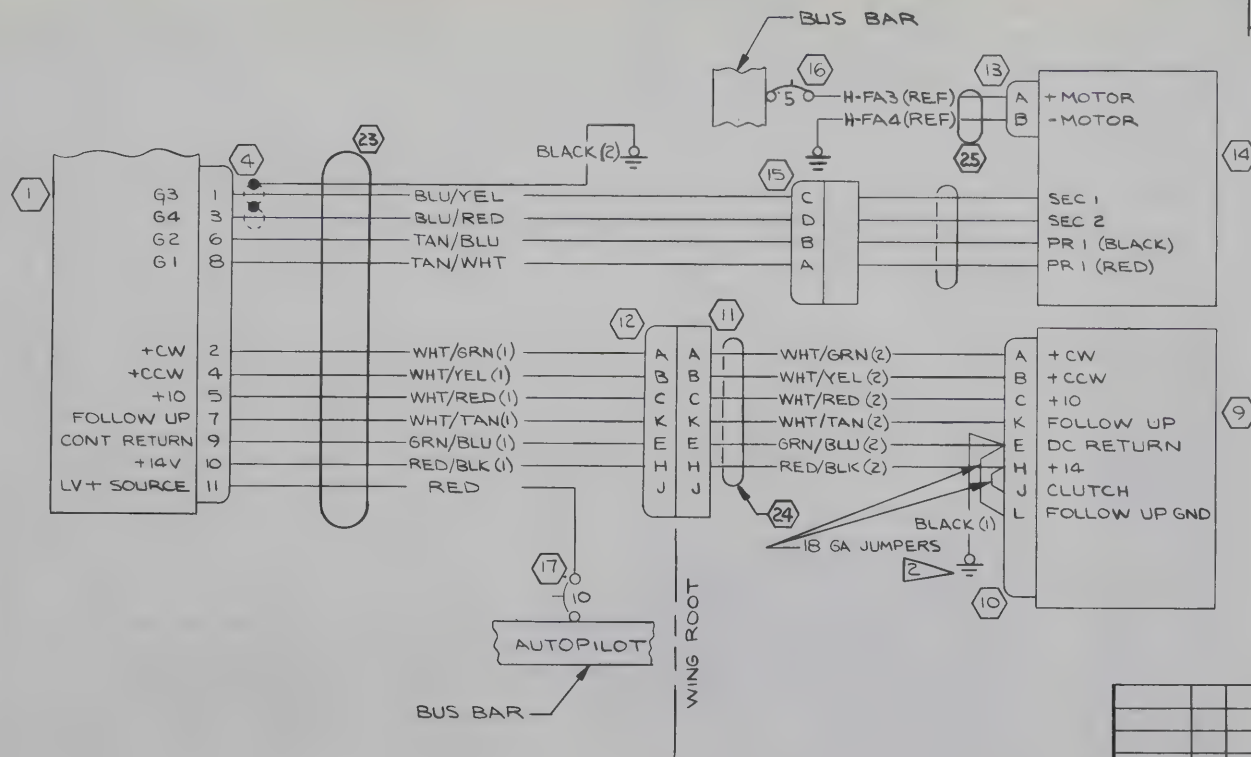
CONTRACT NO:			Cessna AIRCRAFT CO.		
DESIGN	NAME	DATE	TITLE		
GROUP	H. W. Lee	5-24-68	WIRING DIAGRAM -		
DRAWN	YOUNGERS	5-7-68	CESSNA 300 NAV-O-MATIC		
CHECK	G. IRVIN	5-10-68	AUTOPILOT (14VOLT)		
STRESS	OK	7-24-68	SIZE	CODE IDENT. NO.	DWG NO.
PROJECT	SWIFT	5-10-68	C	71379	1270625
APPD	SWIFT	5-10-68	SCALE: NONE	P2064U206	PAGE: 17.29.0

[illegible]

CONTRACT NO:		 COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
NAME	DATE	TITLE	
DESIGN	LAURIE	WIRING DIAGRAM -	
GROUP	21 Wild 5-29-68	CESSNA 300 NAV-O-MATIC	
DRAWN	YOUNGERS 5-7-68	AUTOPILOT (14VOLT)	
CHECK	G IRVIN 5-10-68		
STRESS	1/2 BUTN 5/5/68		
PROJECT	21 Wild 21 Wild	SIZE	CODE IDENT. DWG NO.
APPD	SWANEY 5-10-68	C	71379 1270625
SCALE: NONE		P206 & U206 PAGE: 17.29.1	

ITEM NO.	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: P17.28.0 & P17.28.1 SUPERSEDED BY:

REVISION			
LET	DESCRIPTION	DATE	APPD
A	FOR REV REFER TO PAGE 17.29.0		



WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	LAURIE	5-27-68	TITLE		
DRAWN	YOUNGERS	5-7-68	WIRING DIAGRAM -		
CHECK	G IRVIN	5-10-68	CESSNA 300 NAV-O-MATIC		
STRESS	D.R. BUTH	5-10-68	AUTOPILOT (14VOLT)		
PROJECT	SWANEY	5-10-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270625
SCALE: NONE			P206 & U206		PAGE: 17.29.2

ITEM NO.	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:
P17.28.0 & P17.28.1
SUPERSEDED BY:

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	210 SERIAL 21059062 THRU 21059199		
	T210 SERIAL T210-0393 THRU T210-0454		
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

	TITLE: Radio Drawing - Model 210	DRAWING NO. 1270475
	DATE: 15 December 1969	PAGE: 1 of 2
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

Cessna.

TITLE:

Radio Drawing - Model 210

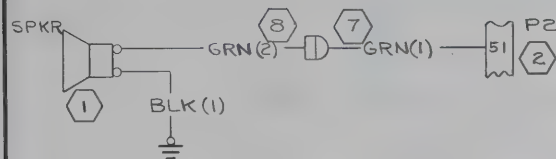
DRAWING NO.

DATE: 15 December 1969

PAGE: 2 of 2

1270475

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

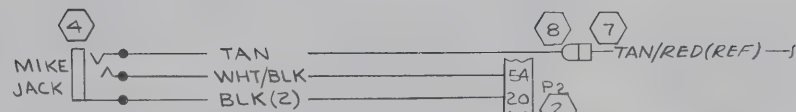


NOTES:

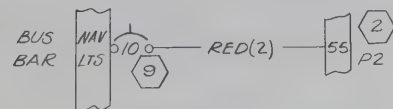
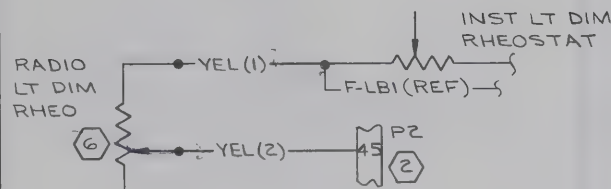
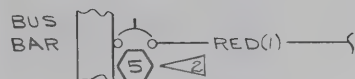
- 1 Wires to be of sufficient length to allow connection to all possible radio combinations. Terminals to be attached to wires as reqd by the various radio installations
- 2 AMP RATING OF S-1360 CKT BKR



SINGLE XCVR INSTL ONLY



DUAL XCVR INSTL



JUNCTION BOX POWER SOURCE

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: REROUTE TAN TO S-1637-2 WAS S-1838-1; REROUTE WHT/BLK TO S-1838-1 WAS TO XMTR SEL SW; ADD J-BOX POWER SOURCE WIRING; RED(1) WAS RED ED&RR 10/155 (SR5403)(SR5404)	10-7-68	JWH MDS R/W

INACTIVE:
EFF SER 2059062 T20-0393
THRU SER 21059199
JWH
MDS
R/W

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
RED(2)	16	-16-2		S-1367-26	
GRN(2)	20	-20-5	118	S-1635-1	S-1837-1
GRN(1)	20	-20-5	8	S-1829-1	S-1636-1
YEL(2)	18	-18-4	60	S-1831-1	SOLDER
YEL(1)	18	-18-4		SOLDER	SOLDER
WHT/BLK	22	-22-9-0	72	S-1837-1	SOLDER
TAN	22	-22-10	72	S-1635-1	SOLDER
RED(1)	16	-16-2	60	S-1367-26	S-1837-1
BLU	22	-22-6	65	S-1831-1	SOLDER
BLK(2)	22	-22-0	72	S-1367-18	SOLDER
BLK(1)	22	-22-0	8	S-1829-1	S-1367-1-8

WIRE TABLE

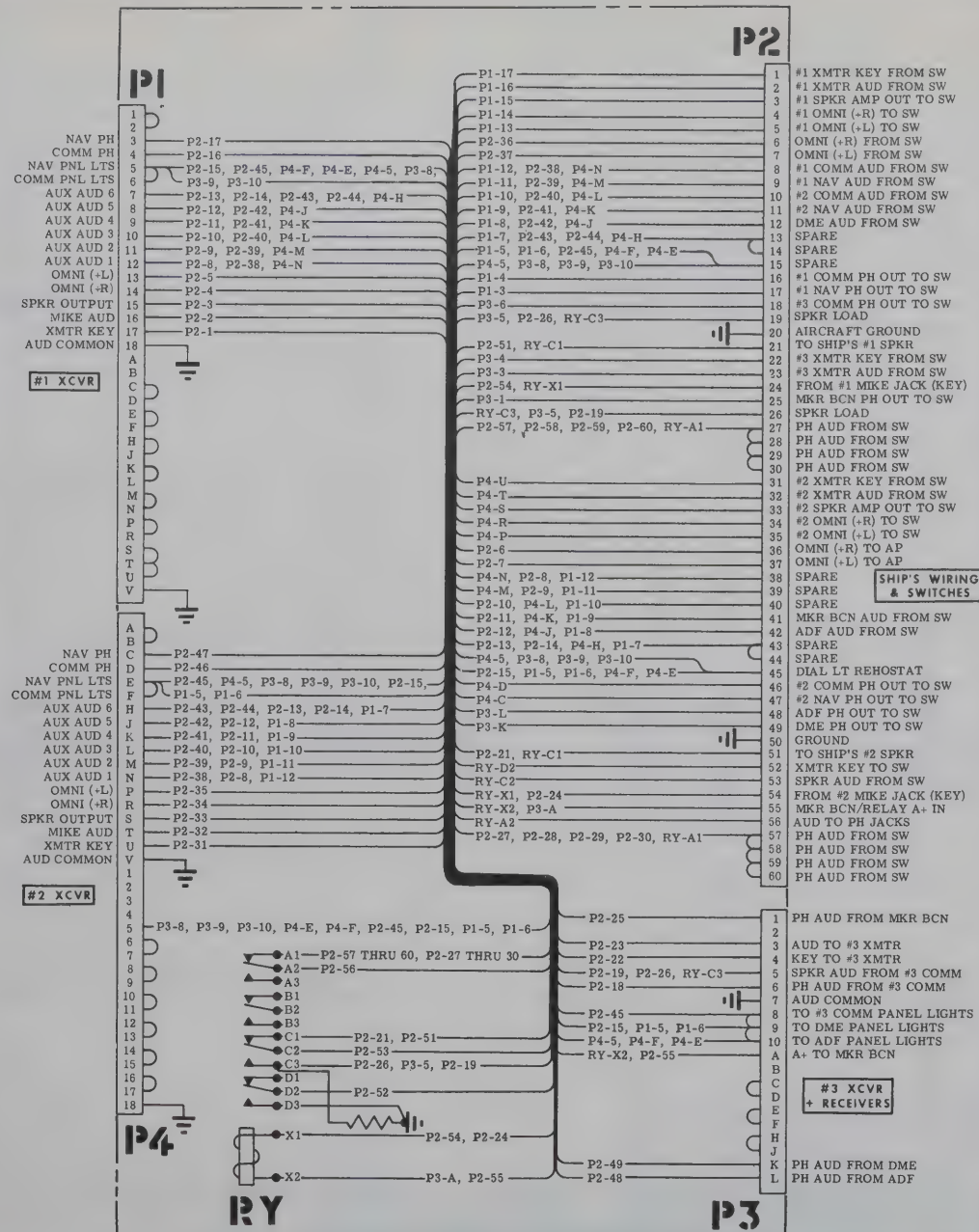
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	SIPES VR	6/10/68	TITLE		
DRAWN	CGARCIA	7-17-68	RADIO SPEAKER PHONE JACK MIKE		
CHECK	G. IRVIN	8-9-68	LIGHT RHEO& POWER CIRCUITS		
STRESS	KJ:CEIDC	...	SIZE		
PROJECT	...	...	CODE IDENT. NO.		
APPD	SWANEY	8-2-68	DWG NO.		
C 71379			1270475		
SCALE: NONE			PAGE: 2.0.2		

ITEM NO.	PART NO.	DESCRIPTION
9	S-1360-10	CIRCUIT BREAKER
8	S-1637-1	HOUSEING-CAP
7	S-1637-2	HOUSEING-PLUG
6	0413126-5	RHEOSTAT
5	S-1360	CIRCUIT BREAKER
4	S-1102-1	MIKE JACK
3	S-1612-1	PHONE JACK
2	S-1838-1	HOUSING
1	C596504-0101	SPEAKER

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 2.0.1
SUPERSEDED BY:



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BYREV: 465195-2 WAS 46195-2; ADD NOTE 8 EDRR 24170	DGP 3-1-69	RLY

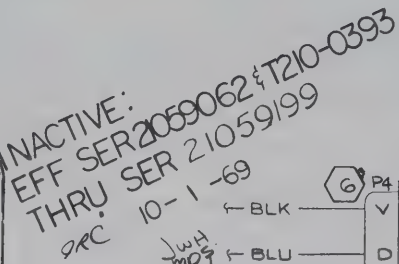
NOTES:

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

INACTIVE:
EFF SER 21059062 & T210-0393
THRU SER 21059199
JWH
RHC
10-1-69

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	VR SIPS	1-12-68	Cessna AIRCRAFT CO. TITLE SCHEMATIC DIAGRAM - AUDIO JUNCTION BOX, INTERNAL WIRING		
GROUP	H. Wier	3-11-69			
DRAWN	NUCKOLLS	2-7-69			
CHECK	HARRIS	3-4-69			
STRESS	S. L. H. H. H.	2-1-69	SIZE	CODE IDENT. NO.	DWG NO.
PROJECT	4.0. 1. 1. 1.	2-1-69	C	71379	1270475
APPD	M. D. G. G. G.	3-5-69	SCALE: NONE	210 & T210	PAGE: 2.03

ED & RR 10361 SER 21059062 & ON
SER T210-0393 & ON



REVISION			
LET	DESCRIPTION	DATE	APPD

INACTIVE:
EFF SER 21059062 T210-0393
THRU SER 21059199
JWH
MOS
7/76

YEL	18	-18-4	SOLDER	S-1837-1		
WHT/YEL	22	-22-9-4	SOLDER			
WHT/TAN	22	-22-9-10	SOLDER			
WHT/GRN	22	-22-9-5	SOLDER			
WHT/BLK	22	-22-9-0	S-1837-1			
TAN	22	-22-10	S-1837-1			
RED/WHT	18	-18-2-9	S-1370-1			
RED/BLK	18	-18-2-0	S-1370-1			
RED	16	-16-2	S-1367-24			
GRY/RED(2)	22	-22-8-2	S-1837-1			
GRY/RED(1)	22	-22-8-2	SOLDER			
GRY/GRN(2)	22	-22-8-5	S-1837-1			
GRY/GRN(1)	22	-22-8-5	SOLDER			
GRN/WHT	20	-20-5-9	S-1837-1			
BLU/YEL	22S	S-1491-22-6-4	SOLDER			
BLU/WHT	22S	S-1491-22-6-9	SOLDER			
BLU/TAN(5)	22	-22-6-10	S-1837-1			
BLU/TAN(4)	22	-22-6-10				
BLU/TAN(3)	22	-22-6-10				
BLU/TAN(2)	22	-22-6-10				
BLU/TAN(1)	22	-22-6-10	S-1837-1			
BLU/RED	22S	S-1461-22-6-2	SOLDER			

11	36120-1114	XCVR(TYPE 517R)	00781
10	31640-0000	IND(TYPE IN-514)	00781
9	32350-0000	IND(TYPE IN-525A)	00781
8	18397	CONNECTOR	00781
7	0570084	JUNCTION BOX ASSY	
6	S-1838-2	CONNECTOR	
5	29753	CONNECTOR	00781
4	29753	CONNECTOR	00781
3	S-1360-15	CIRCUIT BREAKER	
2	29747-0026	CONNECTOR	00781
1	37600-1114	XCVR(TYPE 540A)	00781

ITEM NO.	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 2.3.1.2

SUPERSEDED BY:

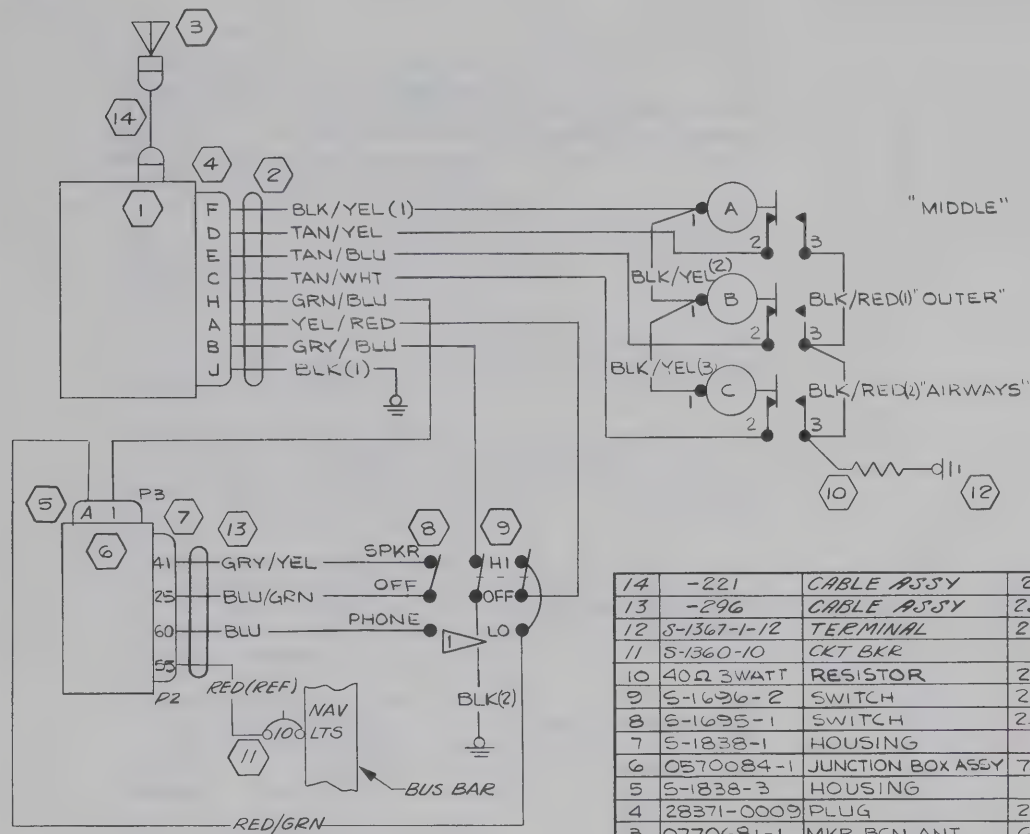
BLU/BLK	22S	S-1461-22-6-0	SOLDER			
BLU	22	-22-6	S-1837-1			
BLK (2)	22	-22-0	S-1837-1			
BLK (1)	16	-16-0	SOLDER	S-1367-28		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
Cessna AIRCRAFT CO.			TITLE		
DESIGN	SIPES YR	DATE	WIRING DIAGRAM -		
GROUP	2/10/68	8-13-68	CESSNA 300 NAV/COM(TYPE		
DRAWN	YARBROUGH	7-24-68	540A, 517R WITH IN-525A & IN-514)		
CHECK	G. IRVIN	8-9-68			
STRESS	A. FGEIDE	8-15-68			
PROJECT	P. SWANEY	8-14-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANEY	8-12-68	C	71379	1270475
SCALE: NONE			Z10 & T210		PAGE: 2.3.1.5

NOTES :

▶ "PHONE" & "LO" FUNCTION TO BE ON KEY WAY SIDE OF SW



INACTIVE:
EFF SER 21059062 & T210-0393
THRU SER 21059199
10-1-69
JWH
m97w

BLK/RED(2)	22	-22-0-2	SOLDER	SOLDER		
BLK/RED(1)	22	-22-0-4	SOLDER	SOLDER		
YEL/RED	20	-20-4-2	SOLDER	SOLDER		
TAN/YEL	22	-22-10-4	SOLDER	SOLDER		
TAN/WHT	22	-22-10-5	SOLDER	SOLDER		
TAN/BLU	22	-22-10-6	SOLDER	SOLDER		
RED/GRN	22	-22-2-5		S-1837-1		
GRY/YEL	22	-22-8-4		S-1837-1		
GRY/BLU	22	-22-8-6	SOLDER	SOLDER		
GRN/BLU	20	-20-8-6		S-1837-1		
BLU/GRN	22	-22-6-5		S-1837-1		
BLU	22	-22-6		S-1837-1		
BLK/YEL(3)	22	-22-0-4	SOLDER	SOLDER		
BLK/YEL(2)	22	-22-0-4	SOLDER	SOLDER		
BLK/YEL(1)	22	-22-0-4	SOLDER	SOLDER		
BLK(2)	22	-22-0	SOLDER	S-1367-1-8		
BLK(1)	22	-22-0	SOLDER	S-1367-1-8		

14	-221	CABLE ASSY	2.9
13	-296	CABLE ASSY	2.6.0
12	S-1367-1-12	TERMINAL	2.4.0
11	S-1360-10	CKT BKR	
10	40Ω 3WATT	RESISTOR	2.4.0
9	S-1696-2	SWITCH	2.4.0
8	S-1695-1	SWITCH	2.4.0
7	S-1838-1	HOUSING	
6	0570084-1	JUNCTION BOX ASSY	7.14
5	S-1838-3	HOUSING	
4	28371-0009	PLUG	2.4.0
3	0770681-1	MKR BCN ANT.	6.6
2	-204	CABLE ASSY	2.4.0
1	31240-0014	MKR BCN RCVR	4.5

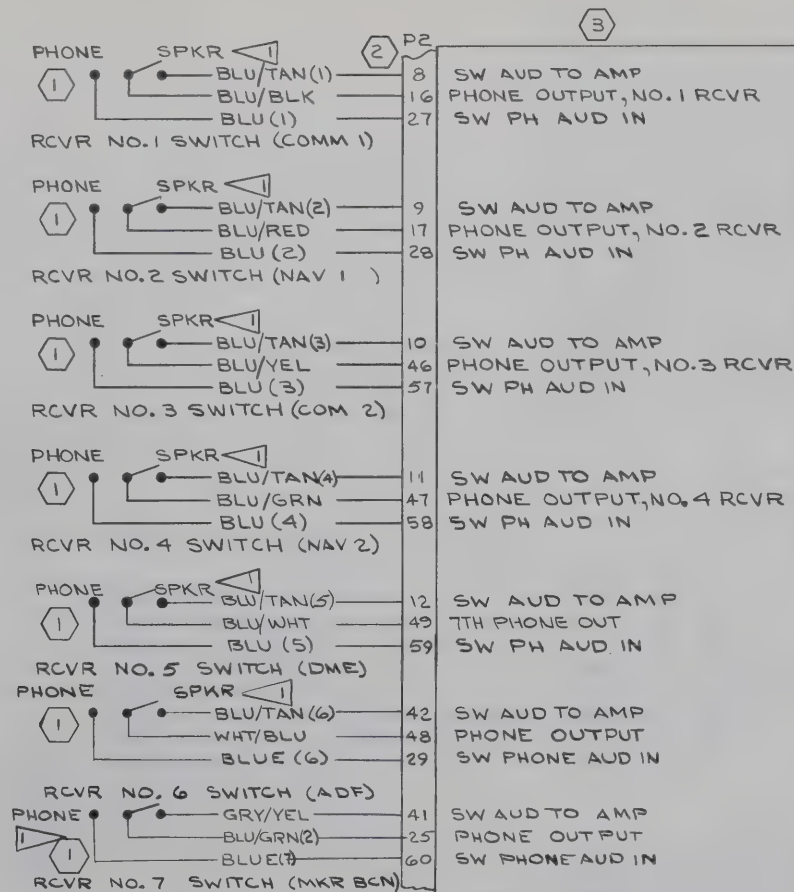
ITEM NO.	PART NO.	DESCRIPTION	PAGE
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CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.	SUPERSEDES: 1270475 Pg 2.4.1 SUPERSEDED BY:
--	---

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: RED/GRN A/P3 WAS 55/P2; ADD RED(REF), S-1360-10 & BUS BAR ED & RR 10155 (SR5403) (SR5404)	EGY 10-8-68	JWH MOS 11/1/68
B	BY REV: ADD -221 & -296 CALLOUT & S-1367-1-12; S-1696-2 WAS S-1696-1 ED & RR 10391	A.S. 3-6-69	JWH MOS 11/1/68
C	BY REV: IN 28371-0009 PIN F WAS B, D WAS H, E WAS A, C WAS D, H WAS E, A WAS C, B WAS F & J WAS G ED & RR 10509	RLY 4-16-69	RLY MOS 11/1/68 VR 3 11/1/68

WIRE TABLE			
CONTRACT NO.	NAME	DATE	TITLE
DESIGN	SIPE'S VR	6/10/68	WIRING DIAGRAM -
GROUP	210-1-1-1	5-13-68	CESSNA 300 MARKER BEACON
DRAWN	C GARCIA	8-3-68	(TYPE 502B)
CHECK	G IRVIN	8-9-68	
STRESS	A. J. JONES	8-3-68	
PROJECT	210-1-1-1	5-13-68	
APPD	SWANEX	8-12-68	
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	1270475	
SCALE: NONE	210-T210	PAGE: 2.4.2	

ED & RR 02366 (SR5403) (SR5404)



NOTES:

1 SPKR FUNCTION ON KEY WAY SIDE OF SWITCH.

3	0570084-1	JUNCTION BOX ASSY	7.14
2	S-1838-1	HOUSING	
1	S-1695-2	SWITCH	2.6.0
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: 1270475 P 2.6.1 SUPERSEDED BY:	

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD MARKER BEACON SEL SW + WIRING; S-1695-2 WAS S-1693-2. ED:RR 10063(SR5403)(SR5404) IL	FEB 21-68	RCA MDS RFG JEW VRS

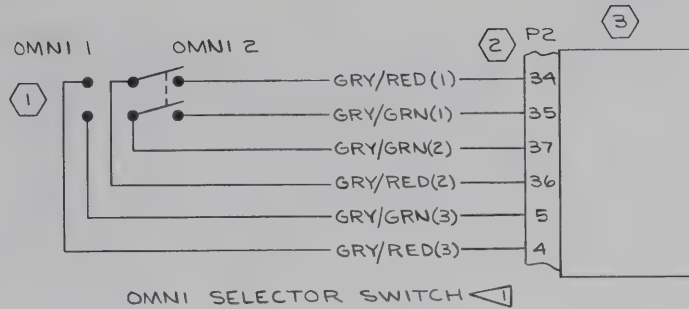
INACTIVE:
EFF SER 2059062 T210-0393
THRU SER 21059199
JWH
mos
HFW

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

CONTRACT NO:			WIRE TABLE		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS TITLE WIRING DIAGRAM - AUDIO SELECTOR SWITCH		
GROUP	DATE				
DRAWN	DATE				
CHECK	DATE				
STRESS	DATE		SIZE	CODE IDENT. NO.	DWG NO.
PROJECT	DATE		C	71379	1270475
APPD	DATE		SCALE: NONE 210-T210 PAGE: 2.6.1.1		

NOTES:

1 OMNI 2 FUNCTION TO BE ON KEYWAY SIDE OF SWITCH



REVISION			
LET	DESCRIPTION	DATE	APPD

INACTIVE:
EFF SEP 21059062: T210-0393
THRU SEP 21059199
10-1 -FS
JWH
MOS
H/W

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

WIRE TABLE

3	0570084-1	JUNCTION BOX ASSY	
2	S-1838-1	CONNECTOR	
1	S-1696-1	SWITCH	

ITEM NO.	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 2.6.2
SUPERSEDED BY:

CONTRACT NO:

DESIGN	NAME	DATE
GROUP	SIPES VR	6/10/68
DRAWN	C. GARCIA	8-3-68
CHECK	G. RUIN	8-9-68
STRESS	W. C. 1100	8-1-68
PROJECT	SWANEY	8-1-68
APPD	SWANEY	8-1-68

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

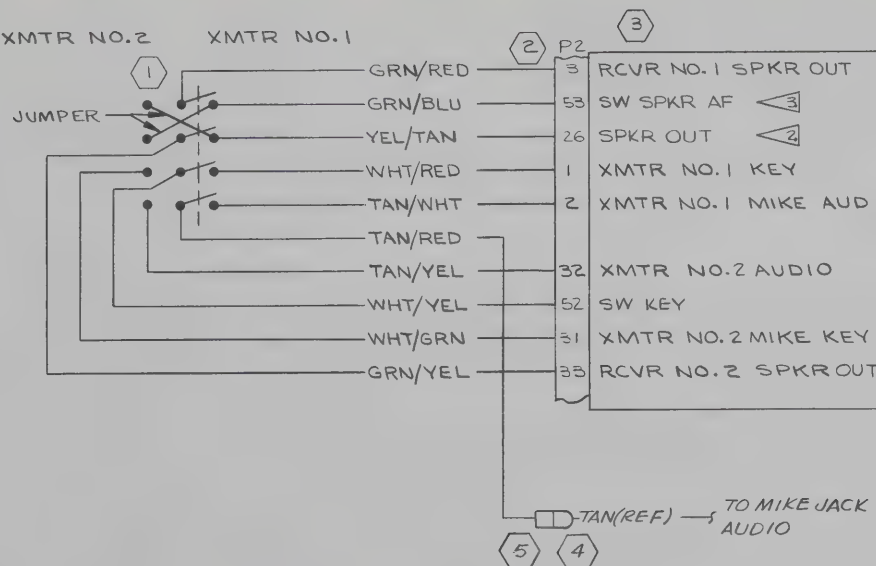
TITLE
WIRING DIAGRAM -
OMNI AUDIO TRANSMITTER
SWITCH

SIZE	CODE IDENT. NO.	DWG NO.
C	71379	1270475

SCALE: NONE 210-T210 PAGE: 2.6.2.1

ED+RR 02366 (SRS403)(SRS404) IX

XMTR NO.2 XMTR NO.1



NOTES:

- TRANSMITTER NO.1 IS ON KEYWAY SIDE
- NO. 26 CONNECTS TO 10.Ω 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 10.Ω RESISTOR THRU NORMAL OPEN CONTACT.

ITEM NO.	PART NO.	DESCRIPTION	PAGE
5	S-1637-2	HOUSING - PLUG	
4	S-1637-1	HOUSING - CAP	
3	0570084-1	JUNCTION BOX ASSY	7.14
2	S-1838-1	HOUSING	
1	S-1697-1	SWITCH	2.6.0
ITEM NO.	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. CM.			
SUPERSEDES: P 2.6.3			
SUPERSEDED BY:			

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL/TAN	20	20-4-10		SOLDER S-1837-1	
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		S-1837-1	
TAN/RED	22	22-10-2		S-1636-1	
GRN/YEL	20	20-5-4		S-1837-1	
GRN/RED	20	20-5-2		S-1837-1	
GRN/BLU	20	20-5-6		SOLDER S-1837-1	

WIRE TABLE			
CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE
GROUP	SIPES VR	6/10/68	WIRING DIAGRAM - TRANSMITTER SELECTOR SWITCH
DRAWN	C. GARCIA	7-22-68	
CHECK	G. IRVIN	8-9-68	
STRESS	K. I. CEIDE	8-12-68	
PROJECT	P. F. LEE	8-14-68	
APPR	SWANEY	8-12-68	
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	1270475	
SCALE: NONE		210-T210	PAGE: 2.6.3.1

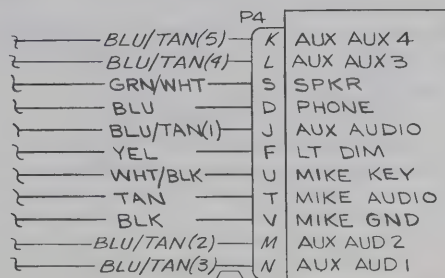
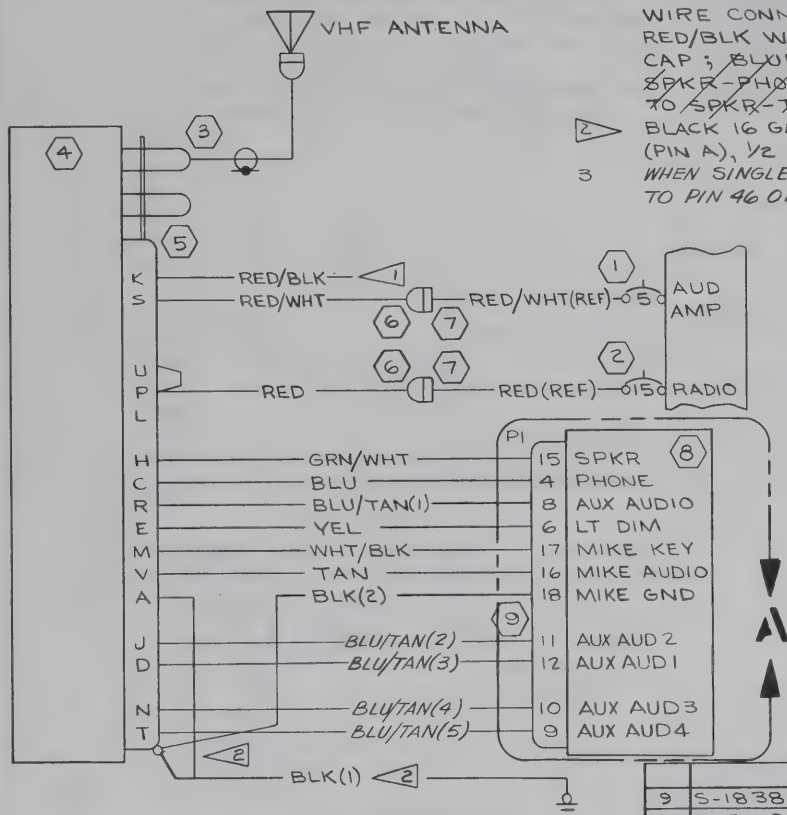
REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: PINS 3 WAS 33, 53 WAS 56, 26 WAS 23, 52 WAS 22, 33 WAS 3; TAN/RED TO S-1637-1 WAS S-1831-1 ADD NOTE 2, 3, S-1637-1, S-1637-2 & TAN(REF); S-1838-1 WAS S-1831-1. ED&RR 10155 (SR5403)(SR5404)	EDV 10-8-68	JWH MDS JWH

INACTIVE:
EFF SER 2059062 & T210-0393
THRU SER 21059199
10-1-59
JWH
MDS
JWH

ED&RR 02366 (SR5403)(SR5404)IX

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 Z) 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 WIPER OF SPKR-PHONE SW & BLU/TAN WIRE CONNECTS TO SPKR-TERM OF SPKR-PHONE SW
- 2 BLACK 16 GA WIRE IS HALVED, 1/2 SOLDERS TO (PIN A), 1/2 SOLDERS 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



DETAIL
2ND RADIO INSTL

ITEM NO.	PART NO.	DESCRIPTION	PAGE
9	S-1838-2	HOUSING	2.7.0
8	0570084-1	JUNCTION BOX ASSY	7.14
7	S-1637-2	HOUSING-PLUG	
6	S-1637-1	HOUSING-CAP	
5	29747-0018	CONNECTOR	2.7.0
4	31390-1514	RCVR/XMTR	3.2
3	29753	CONNECTOR	
2	S-1360-15	CIRCUIT BREAKER	3.2
1	S-1360-5	CIRCUIT BREAKER	3.2

ITEM NO.	PART NO.	DESCRIPTION	PAGE
9	S-1838-2	HOUSING	2.7.0
8	0570084-1	JUNCTION BOX ASSY	7.14
7	S-1637-2	HOUSING-PLUG	
6	S-1637-1	HOUSING-CAP	
5	29747-0018	CONNECTOR	2.7.0
4	31390-1514	RCVR/XMTR	3.2
3	29753	CONNECTOR	
2	S-1360-15	CIRCUIT BREAKER	3.2
1	S-1360-5	CIRCUIT BREAKER	3.2

CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXX=CESSNA STD. NO.	SUPERSEDES: P 2.7.2	SUPERSEDED BY:
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REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD BLU/TAN(2),(3),(4),(5), PINS 11,9,10,12/PI, M,N,L,K/P4 & NOTE 3; BLU/TAN(1) WAS BLU/TAN; DELETE U & ADD J/12974-0018 & PART OF NOTE 1 ED & RR10155 (SR5403)(SR5404)	EGY 10-7-68	JWH MDS KLG H/W H/W

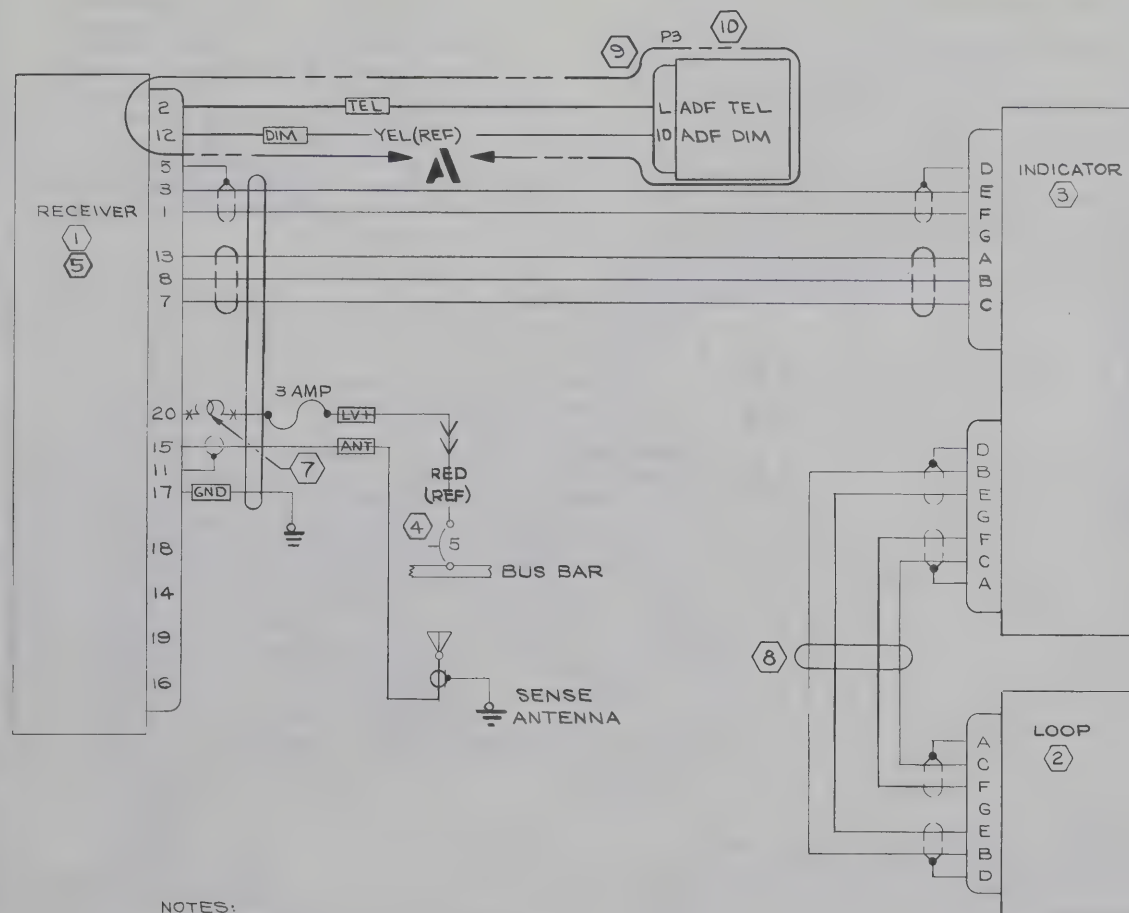
INACTIVE:
EFF SER 21059062 & T210-0393
THRU SER 21059199
10-1-65
JWH
MDS
KLG
H/W
H/W

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		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	
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-1367-1-6	
RED/BLK	18	-18-2-0		SOLDER S-1635-1	
RED	16	-16-2		S-1837-1	
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	

WIRE TABLE			Cessna AIRCRAFT CO.	
DESIGN	NAME	DATE	TITLE	SCALE: NONE
GROUP	SIPES VR	6/10/68	WIRING DIAGRAM -	210-T210
DRAWN	G. GARCIA	7-18-68	CESSNA 300 COMM	PAGE: 2.7.2.1
CHECK	G. IRVIN	8-9-68	(ARC TYPE 524A)	
STRESS	A.L. C. C. C. C.	8-13-68		
PROJECT	SWANEY	8-12-68		
APPD				
SIZE	C	71379	CODE IDENT. NO.	DWG NO. 1270475

(SR 4455)

CHG LET	REVISION	BY	CHK
A	ADDED A-263 CHOKE IN A+LINE & ADDED TO NOTE 2. ADDED 33827, 32680-0000 WAS 32680-0000	SKM	11-1-65
B	BY REV: ADD DETAIL A, S-1838-3 & 0570084-1 ED:RR 02366 (SR5403) (SR5404)	CG	7-22-68

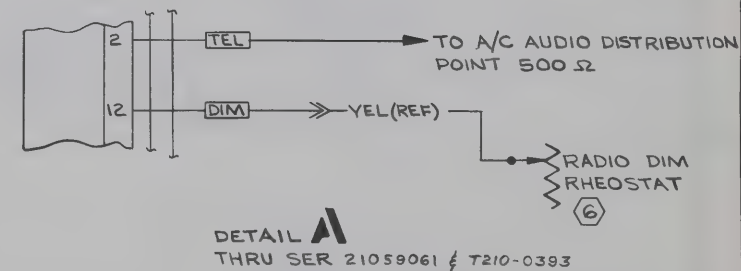


NOTES:

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.

ITEM NO	PART NO	DESCRIPTION	INSTALLED ON
10	0570084-1	JUNCTION BOX ASSY	
9	S-1838-3	CONNECTOR	
8	33827	LOOP CABLE (ARC)	
7	A-263	CHOKE (CTAT)	
6	R-12 1/2-75-RS34	RHEOSTAT (TRTA)	
5	28340-0100	RCVR (WITH BFO) (ARC R-521A-14)	
4	S-1360-5	CIRCUIT BREAKER	
3	32680	INDICATOR (ARC) (ARC IN-521B)	
2	32680-0000	LOOP (ARC) (ARC L-521B-10)	
1	28340-0000	RCVR (WITHOUT BFO) (ARC R-521A-15)	

EQUIPMENT TABLE



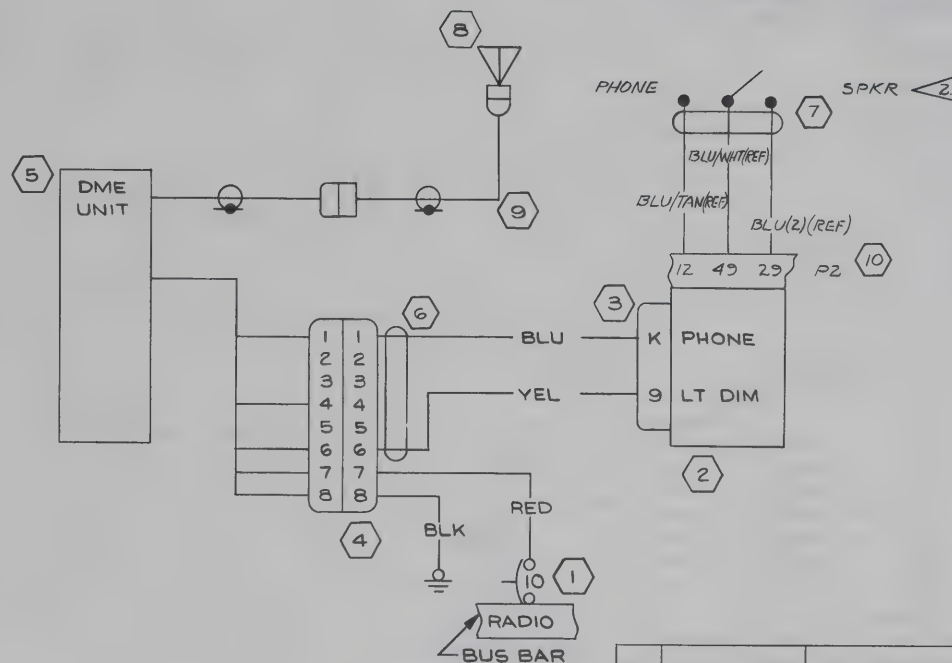
DETAIL A
THRU SER 21059061 & T210-0393

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1. ~~ITEMS 6, 7 & 9 ARE SUPPLIED AS PART~~
~~OF KING INSTL KIT NO. 030-1052-00~~

2. SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: DELETE NOTE 1, ADD NOTE 2; S-1838-3 HOUSING WAS S-1838-3 CONNECTOR; C582G02-02.01 WAS C582G02-01.01; -236 WAS 030-0020-01 -297 WAS 21-004; -235 WAS 030-24-00; ADD S-1838-1; ADD PINS 12, 49 & 29 EDIR10395 SERT210-0393; SER210-59126; 10N	FEB 3-6-69	JWH RFB MDS R/W VRS NWC



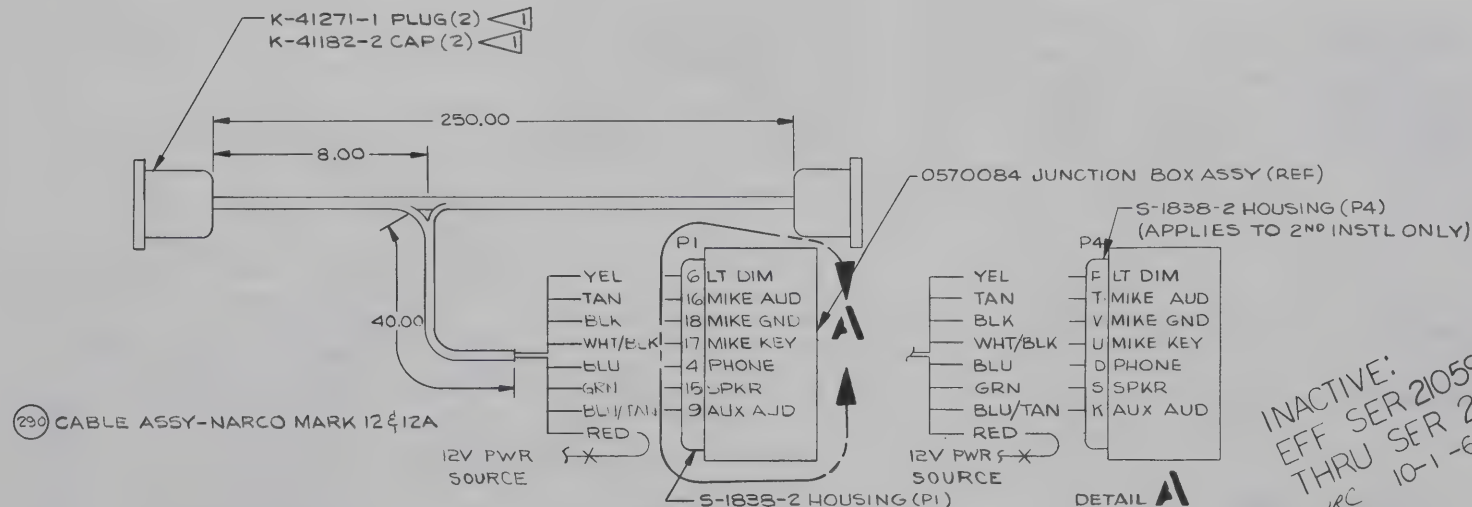
INACTIVE:
EFF SER 21059062 T210-0393
THRU SER 21059199
10-1 -69
JWH
mos

[illegible]

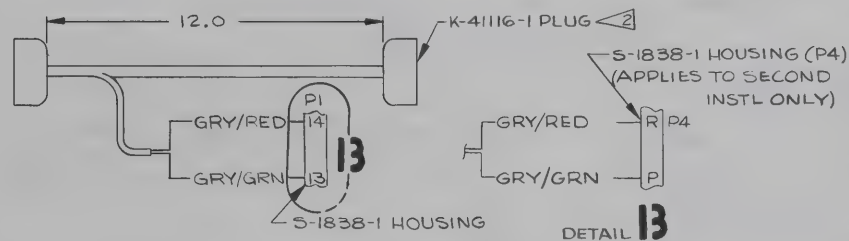
1 PLUGS & CAPS ARE PART OF NARCO CONN KIT EL-2052 FOR MK12 OR EL-3077-502 FOR MK 12A (NOT SUPPLIED WITH MK12 OR MK12A INSTL KIT)

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

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: PIN 18/P1 WAS PIN V/P1 & P2 WAS P4 ED 6 RR10155 (SR5403XSR5409) X	EGY 12-7-68	JWH MDS RSC XJH WMC



INACTIVE:
EFF SER 21059062 T210-0393
THRU SER 21059199
JWH
MOS
HFW



(29) CABLE ASSY - INDICATOR
NARCO 12 & 17A

				AC	AR		2.25.4		WIRING
				1				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		2	MS3057-1Z	CLAMP
					1		2	MS310GA-20-2TS	PLUG
								-291	CABLE ASSY
								-290	CABLE ASSY
				241	290	EFFECTIVE SERIALS	PAGE	PART NUMBER	DESCRIPTION
						NO. REQD/NEXT ASSY			

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

UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN INCHES		
TOLERANCES ARE		
DECIMALS	ANGLES	
.00 ±.03	MACH	FORMED
.000 ±.010	±.0 30'	±2'
FOR HOLES, CSINKS, ETC., SEE CES 1012		
FOR BASIC CODES SEE NAS 523		

BJ-MS20470AD	BB-MS20426AD
--------------	--------------

SUPERSEDES: P. 2.25 0

CONTRACT NO:

	NAME	DATE
DESIGN	SIPIES VR	6/10/8
GROUP	Harden	8-14-68
DRAWN	HARRIS	7-17-68
CHECK	G. IRVIN	8-9-68
STRESS	W. C. HIC	8-12-68
PROJECT	Red.	8-14-68
APPD	SWANEY	8-12-68

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE
CABLE ASSEMBLY-
NARCO MARK 12 & 12A

SIZE	CODE IDENT. NO.	
C	71379	1270475

SCALE: NONE	210 ET210	PAGE: 2.75.2
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ED&RR 02394 (SR5403)(SR5404) IX

- 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 REQ WITH CESSNA NAV-O-MATIC SYSTEMS

REVISION			
LET	DESCRIPTION	DATE	APPD

ED
ID

INACTIVE:
EFF SER 2059062 & T210-0393
THRU SER 21059199
10-1-69

gpc

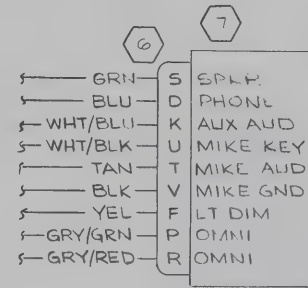
JWH
mbs
Kfu

WHT/BLU	22	S-1460-18-4			SOLDER	SOLDER			
WHT/RED	22	S-1460-18-4			SOLDER	SOLDER			
YEL	18	S-1960-18-4			SOLDER	S-1837-1			
WHT/YEL	22	▲ -22-9-4		▲		SOLDER			
WHT/RED	22	-22-9-2				SOLDER			
WHT/TAN	22	-22-9-10				SOLDER			
WHT/GRN	22	-22-9-5				SOLDER			
WHT/BLK	22	-22-9-0				S-1837-1			
WHT/BLU	22	-22-9-6				S-1837-1			
WHT	14	-14-9				SOLDER			
TAN/RED	22	-22-10-2				SOLDER			
TAN	22	-22-10				S-1837-1			
RED/YEL	22	-22-2-4				SOLDER			
RED	16	-16-2				S-1370-2			
GRY/YEL	22	-22-8-4				SOLDER			
GRY/RED	22	-22-8-2				S-1837-1			
GRY/GRN	22	-22-8-5				S-1837-1			
GRY/BLU	22	-22-8-6				SOLDER			
GRN	20	-20-5				S-1837-1			
BLU/RED	22S	-22-6-2				SOLDER			
BLU/GRN	22	-22-6-5				SOLDER			
BLU	22	-22-6				S-1837-1			
BLK/YEL	22	-22-0-4				SOLDER			
BLK(2)	16	▼ -16-0		▼		SOLDER			
BLK(1)	22	S-1460-22-0			SOLDERS	S-1837-1			
WIRE GAUGE	GA	MATERIAL	LG		TERMINALS			SERIALS	

8	VOA-6	CONVERTOR-IND	93493
7	0570084-1	JUNCTION BOX ASSY	
6	S-1838-2	CONNECTOR	
5	T12MP-12A	PWR-AUD UNIT	93493
4	S-1360-10	CKT BKR	
3	VOA-9	CONVERTOR -IND	93493
2	VOA-8	CONVERTOR-IND	93493
1	MARK-12A	TRANSCEIVER	93493

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.		SUPERSEDES: P 2.25.1 SUPERSEDED BY:	

CODE NO.			WIRE TABLE		
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP			TITLE		
DRAWN			WIRING DIAGRAM -		
CHECK			NARCO MARK 12A WITH		
STRESS			VOA-6, VOA-8 & VOA-9		
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270475
			SCALE: NONE	210 & 210	PAGE: 2.25.3

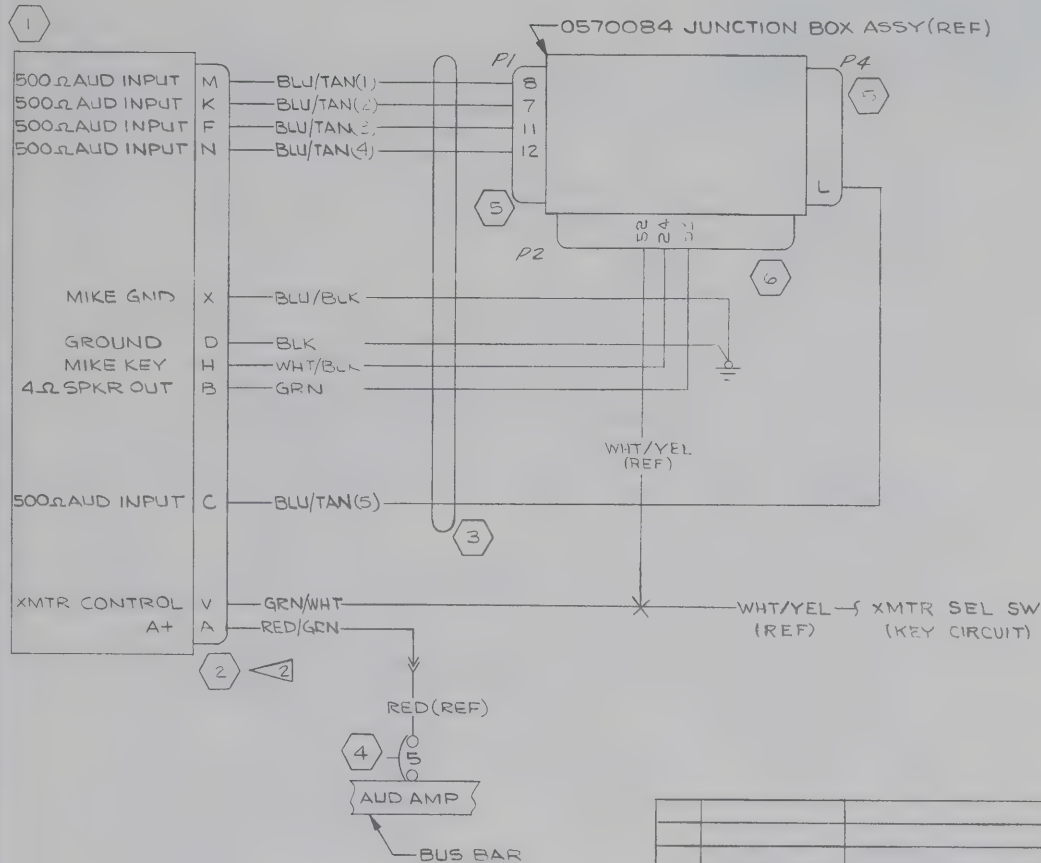
[illegible]

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
	NAME	DATE	TITLE		
DESIGN	SIPES VR	4-10-68	WIRING DIAGRAM -		
GROUP	Darden	8-14-68	NARCO MARK 12A WITH		
DRAWN	HARRIS	7-17-68	VOA-6, VOA-8 & VOA-9		
CHECK	G. IRVIN	8-9-68			
STRESS	R. L. GILDC	8-12-68			
PROJECT	Penh	8-14-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANEY	8-12-68	C	71379	1270475
			SCALE: NONE		
			210 & T210		PAGE: 2.25.4

FORM NO. 80-215A

1. THESE CKT PROVIDE A 4 Ω , 15WATT SPKR LOAD WHEN REQD BY THE RADIO INSTL
2. CONNECTOR IS FURNISHED WITH KA-25C

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: DELETE GRN/RED, GRN/YEL, BLU WIRES, PINS 3, 33, 57/P2 & J, E, T, FUNCTIONS/O30-2002-00; ADD P1, P2&P3 CALLOUTS; PIN 7/P1 WAS PIN 9/P1; DELETE NOTE 1 ED & RR10155 (SR5401XSR5404)	EGY 10-7-68	JWA MDS RFC J. ZW 10-10-68



6	S-1838-1	HOUSING	2.35.3
5	S-1838-2	HOUSING	2.35.2
4	S-1260-5	LKT BRK	7.7.1
3	129°	CABLE ASSY	2.35.3
2	030-2002-00	PLUG	2.35.3
1	KA-25C	AUD AMPLIFIER	7.7.1

ITEM NO.	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. P 2.35.1
	SUPERSEDED BY:

WHT/BLK	22	22-9-0	S-1837-1	SOLDER	
RED/BLK	20	20-2-5	S-1837-1	SOLDER	
GEN/WHT	20	20-5-9	S-1370-1	SOLDER	
GRN	20	20-5	S-1837-1	SOLDER	
P-1/TAN(3)	22	22-6-10			
BLU/TAN(4)	22	22-6-10			
BLU/TAN(3)	22	22-6-10			
BLU/TAN(2)	22	22-6-10			
P-1/TAN(1)	22	22-6-10			
BLU/BLK	22	22-6-0	S-1837-1	SOLDER	
BLK	18	18-0	S-1837-1	SOLDER	
WIRE GA	GA	MATERIAL	CG	TERMINALS	SERIALS

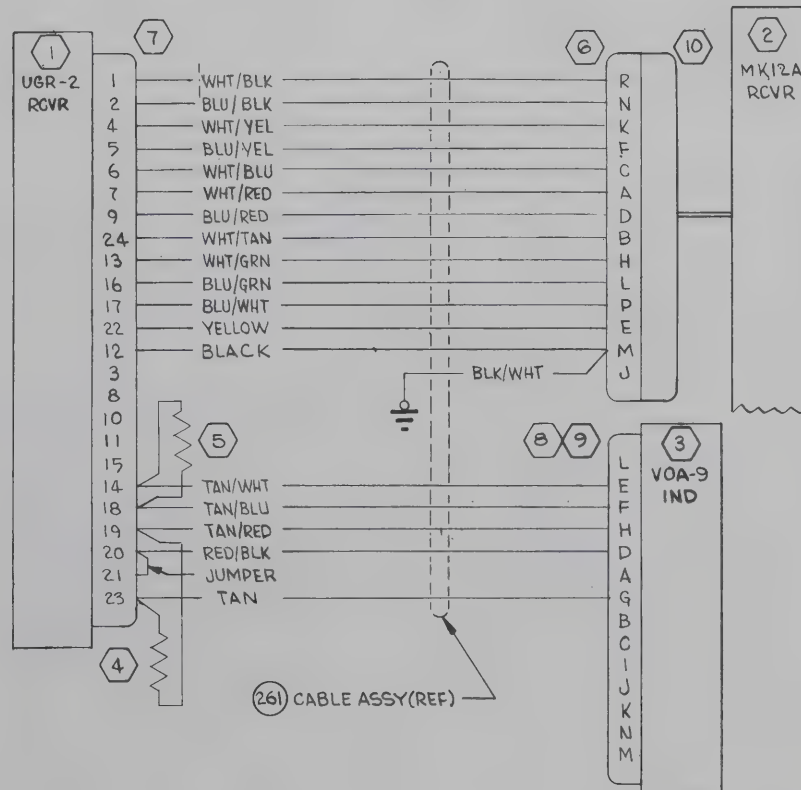
CONTRACT NO			WIRE TABLE		
DESIGN			Cessna AIRCRAFT CO.		
GROUP			COMMERICAL AIRCRAFT DIV.		
DRAWN			5800 E. PAWNEE		
CHECK			WICHITA, KANSAS		
STRESS			TITLE		
PROJECT			WIRING DIAGRAM -		
APPD			KING KA-25C AUDIO		
			AMPLIFIER		
			S. Z. E. CODE IDENT. NO.		
			DWG NO.		
			C 71379		
			1270475		
			SCALE: NONE		
			ZIO & TZIO		
			PAGE: 2.35.2		

1* ACTIVE:
EFF SER 21059062 T210-0393
THRU SER 21059199
22- 11-1-93
JOHN
MORRIS

SER 21058716 FOR
SER T210-0198 FOR

CHG LET	REVISION	BY	CHK
		DATE	APPD
A	BY REV: IN DWG TITLE & ON FIELD VOA-9 WAS VOA-5 ED&RR 00944 (SR 5595)	MRL	WBS
		11-21-67	ALA
			POF

INACTIVE:
EFF SER 21058716 & T210-0198
THRU SER 21059199
10-1-69
JWB
MBS
HFW



BLK/WHT	18	-18-0-9	SOLDER	S-1967-1-6	
BLACK	18	-18-0		SOLDER	
YELLOW	18	-18-4			
RED/BLK	18	-18-2-0			
TAN/RED	22	-22-10-2			
TAN/BLU	22	-22-10-6			
TAN/WHT	22	-22-10-9			
BLU/WHT	22	-22-6-9			
BLU/GRN	22	-22-6-5			
BLU/RED	22	-22-6-2			
BLU/YEL	22	-22-6-4			
BLU/BLK	22	-22-6-0			
WHT/TAN	22	-22-9-10			
WHT/GRN	22	-22-9-5			
WHT/RED	22	-22-9-2			
WHT/BLU	22	-22-9-6			
WHT/YEL	22	-22-9-4			
WHT/BLK	22	-22-9-0			
TAN	22	-22-10	SOLDER	SOLDER	

WIRE TABLE

CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION WICHITA KANSAS

NAME	DATE	TITLE
W COOK	11-18-67	WIRING DIAGRAM —
H. W. W.	11-27-67	NARCO UGR-2 GLIDESLOPE
SWANEY	11-18-67	WITH NARCO MARK 12A &
PROJ	11-28-67	VOA-9

Cessna.

DWG NO:
1270475

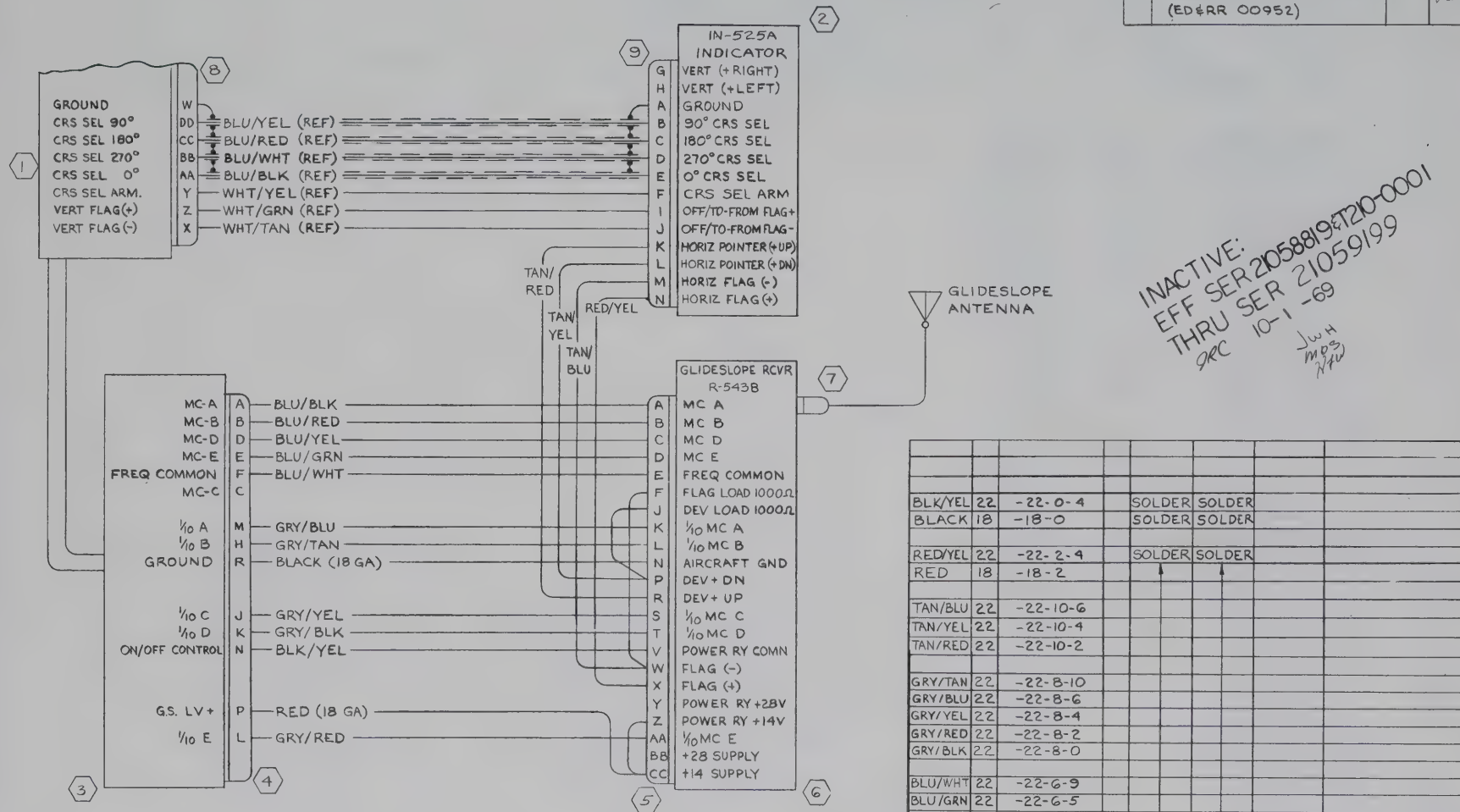
SUPERSEDED BY:	1270475, P. 226-1	MODEL:	210	REV:	A	PAGE:	2.38.1
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ITEM NO	PART NO.	DESCRIPTION	INSTALLED ON
10	MRA-145	PIG TAIL (93493)	
9	41228-6	CLAMP (93493)	
8	41223-2	PLUG (93493)	
7	41291-101	CONNECTOR (93493)	
6	41247-102	CONNECTOR (93493)	
5	470Ω 1/2 WATT	RESISTOR (93493)	
4	1000Ω 1/2 WATT	RESISTOR (93493)	
3	VOA-9	INDICATOR (93493)	
2	MARK 12A	XCVR (93493)	
1	UGR-2	RCVR (93493)	

EQUIPMENT TABLE

SER 2105881940N
SERT210-0001 40N

CHG LET	REVISION	BY DATE	CHK APPD
A	BY REV: R-543B WAS R-543A & TITLE WAS "CESSNA GLIDESLOPE (ARC TYPE R-543B) 36440-0000 WAS 34340 (ED&RR 00952)	RLY 12-7-67	MDS ALA HFW PFD



INACTIVE:
EFF SER 2105881940N-0001
THRU SER 21059199
JWH
MDS
HFW

WIRE CODE NO.	GA	MATERIAL	LG	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/WHT	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

ITEM NO	PART NO.	DESCRIPTION	INSTALLED ON
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 RTS15R)	

WIRE TABLE			
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS			
DRAWN	NAME	DATE	TITLE
G WOOD		11-10-66	WIRING DIAGRAM—
GROUP	H. Wood	1-31-67	CESSNA 400
CHECK	W. Wood	2-1-67	GLIDESLOPE
PROJ	M. G. L.	2-3-67	(ARC TYPE R-543B)
SUPERSEDED BY:		SUPERSEDES:	MODEL: 210, T210
REV: A		PAGE: 2, 43.1	

Cessna

DWG NO: 1270475

ARC TYPE
R-542A
NAV RCVR

18
20 BLACK (18 GA)

1 BLU/BLK
2 BLU/RED
4 BLU/YEL
5 BLU/GRN
11 BLU/WHT

6 GRY/BLU
7 GRY/TAN

8 GRY/YEL
9 GRY/BLK
12 BLK/YEL

13 RED/WHT
10 GRY/RED

RED/YEL 18
TAN/BLU 17
TAN/RED 14
TAN/YEL 15

IN-543A
INDICATOR

GLIDESLOPE
ANTENNA

GLIDESLOPE RCVR
R-543B

A MC A
B MC B
C MC D
D MC E
E FREQ COMMON
F FLAG LOAD 1000Ω
J DEV LOAD 1000Ω
K 1/10 MC A
L 1/10 MC B
N AIRCRAFT GND
P DEV+ DN
R DEV+ UP
S 1/10 MC C
T 1/10 MC D
V POWER RY COMM
W FLAG (-)
X FLAG (+)
Y POWER RY +28V
Z POWER RY +14V
AA 1/10 MC E
BB +28V SUPPLY
CC +14V SUPPLY

RED (18 GA)

TO 5 AMP BREAKER
IF AVAILABLE OR TO
RT522 CKT BREAKER

SER 21058937 & ON
SER 210-0308 & ON

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: R-543B WAS R-543A & TITLE WAS "CESSNA GLIDESLOPE" (ARC TYPE R-543A); 36440-0000 WAS 34340 (ED&RR 00952) (SR5632)	RLY 12-7-67	MDS <i>Jan</i> <i>HAW</i> <i>P</i>

INACTIVE:
EFF SER 21058937 & T210-0308
THRU SER 21059199
10-1-69
JWH
MDS
HAW

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	-18-2	S-1367-18	SOLDER
BLK/YEL	22	-22-0-4	SOLDER	SOLDER
BLACK	18	-18-0	SOLDER	SOLDER
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS

WIRE TABLE

CONTRACT NO:

DESIGN	NAME	DATE
GROUP	H. WOOD	1-9-67
DRAWN	G WOOD	1-9-67
CHECK	YAKSHAW	2-1-67
STRESS	H. WOOD	2-2-67
PROJECT	H. WOOD	2-3-67
APPD		

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE
WIRING DIAGRAM -
CESSNA 400
GLIDESLOPE (ARC TYPE R-543B)

SIZE CODE IDENT. DWG NO.
C 71379 1270475

SCALE: NONE PAGE: 2.44.1

8	34294-0425	CONNECTOR
7	35693-0004	CONNECTOR
6	34290	INDICATOR (ARC TYPE IN-543)
5	11337	CONNECTOR
4	36440-0000	G/S RCVR (ARC TYPE R-543B)
3	36194	CONNECTOR KIT (00781)
2	35548-0225	CONNECTOR (00781)
1	33560	NAV RCVR (ARC TYPE R-542)

ITEM NO.	PART NO.	DESCRIPTION
		EQUIPMENT TABLE

REVISION				REVISION				REVISION			
LET	DESCRIPTION	DATE	APPD	LET	DESCRIPTION	DATE	APPD	LET	DESCRIPTION	DATE	APPD
A	PIN 1; PIN 1 WAS 2; PIN 6 WAS 5; PIN 5 WAS 6; 36364-0000 PIN 20 WAS 23; PIN 5 WAS 4; PIN 4 WAS 5; PIN 23 WAS 20 ED: RR10158(SR 5403); (SR 5404) IX	FER		A	S-1838-2 GRN/GRN WAS GRN/TAN; RED WAS GRN/BLU; TAN/WHT WAS BLUE; 35693-0003 BLUE WAS TAN/WHT; YEL WAS BLU/YEL; 36363-0000 GRN/WHT WAS WHT/BLU; 35560-1100 NAV RCVR WAS RCVR; 35693-0004 PIN 2 WAS	FER		A	BY REV: ADD 37243; RED+BLK(4) WIRE; JUMPER WIRE ON 36363-0000 RED/WHT(2) WIRE TO 37243 WAS TO 36363-0000. 35570-1000 COMM XCVR WAS XCVR; 35693-0003 PIN 4 WAS PIN 5, DELETE PIN 4 FROM 35693-0003.	FER	JWH MD 10/5/68 KRS N/A
B	BY REV: AV-547 WAS ASP-547 ED: RR10264	A.S. 11-21-68	JWH MD N/A								

INACTIVE:
EFF SER 21059062; T210-0393
THRU SER 21059199
JWH
MD
N/A
QRC 10-1-69

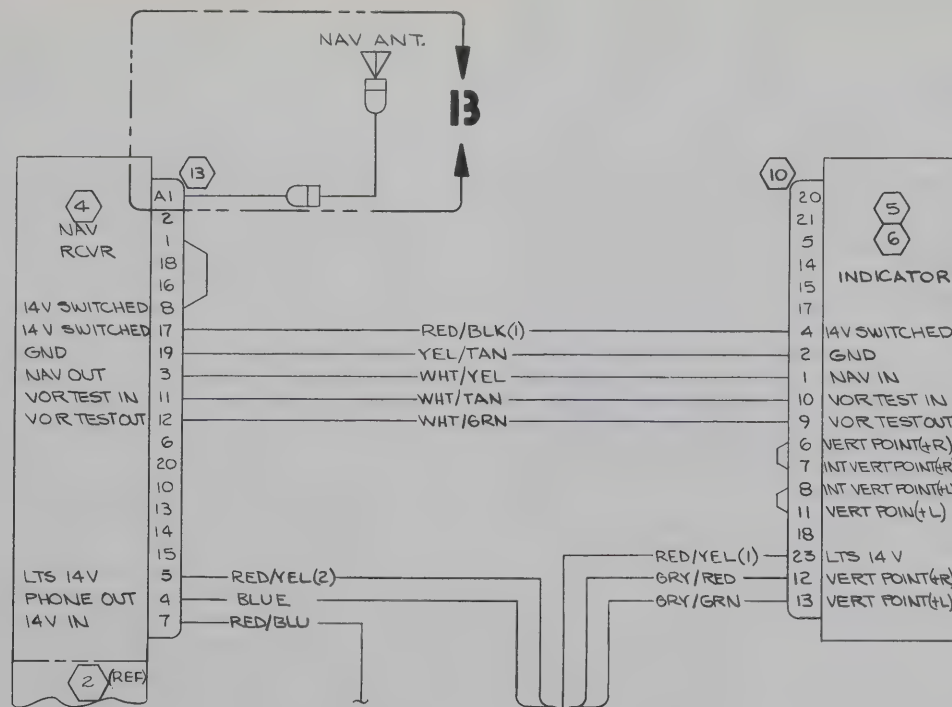
RED	18	-18-2	S-1367-1-6	SOLDER	
BLK(4)	18	-18-0	SOLDER	S-1367-1-8	
BLACK(3)	18	-18-0	SOLDER	S-1367-1-8	
BLU/WHT	22	-22-6-9	SOLDER	SOLDER	
BLK/WHT	18	-18-0-9	SOLDER	SOLDER	
RED/WHT(2)	18	-18-2-9	SOLDER	SOLDER	
RED/BLK(2)	18	-18-2-0	SOLDER	SOLDER	
BLACK(2)	18	-18-0	SOLDER	SOLDER	
CABLE	R6-58/U		35032-0012	35693-0003	
CABLE	R6-58/U		35032-0012	35693-0003	
RED/WHT(1)	18	-18-2-9	S-1367-1-6	SOLDER	
BLACK(1)	16	-16-0	S-1837-1	SOLDER	
WHT/BLK	22	-22-9-0	S-1837-1	SOLDER	
TAN	22	-22-10	S-1837-1	SOLDER	
GRN/WHT	22	-22-9-6	S-1837-1	SOLDER	
RED/BLU	18	-18-2-6	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	
YEL	22	-22-6-4	SOLDER	S-1837-1	
TAN/WHT	22	-22-10-9	SOLDER	S-1837-1	
BLUE	22	-22-6	SOLDER	S-1837-1	
RED/YEL(2)	22	-22-2-4	SOLDER	S-1837-1	
GRY/GRN	22	-22-8-10	SOLDER	S-1837-1	
GRY/RED	22	-22-8-6	SOLDER	S-1837-1	
RED/YEL(1)	22	-22-2-4	SOLDER	S-1837-1	
WHT/GRN	22	-22-9-5	SOLDER	SOLDER	
WHT/TAN	22	-22-9-10	SOLDER	SOLDER	
WHT/YEL	22	-22-9-4	SOLDER	SOLDER	
YEL/TAN	20	-20-4-10	SOLDER	SOLDER	
RED/BLK(1)	18	-18-2-0	SOLDER	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

16	37243	FILTER ASSY	4.23
15	S-1838-2	HOUSING	
14	S-1838-2	HOUSING	
13	35693-0004	CONNECTOR	
12	AV-547	COUPLER	1.29.1
11	0510084-1	JUNCTION BOX ASSY	7.14
10	36364-0000	CONNECTOR KIT	2.45.1
9	36363-0000	CONNECTOR KIT	
8	35693-0003	CONNECTOR	2.45.0
7	36600-0000	ACCESS UNIT (TYPE S32B)	
6	34290-0000	IND (TYPE IN-543A)	3.26.0
5	33970-0000	IND (TYPE IN-522A)	3.26.0
4	33560-1100	RCVR (TYPE R-542A)	
3	33570-1000	XCVR (TYPE RT-532A)	3.27
2	33950-1100	RCVR/XMTR (TYPE RT-522A)	3.26.0
1	S-1360-5	CIRCUIT BREAKER	3.26.0

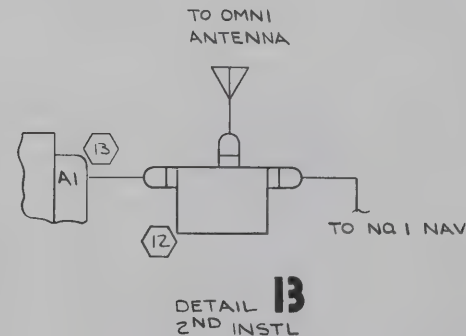
EQUIPMENT TABLE		
PART NO.	DESCRIPTION	PAGE
SUPERSEDES:		
F 2.45.2.0		
SUPERSEDED BY:		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.		

CONTRACT NO:		
DESIGN	NAME	DATE
GROUP	Slipes VR	6/10/68
DRAWN	HARVIS	7/17/68
CHECK	G. IRVIN	8-9-68
STRESS	ALLEN	8-15-68
PROJECT	SWANLEY	8-15-68
APPD		
WIRE TABLE		
CESSNA AIRCRAFT CO.		
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
TITLE		
WIRING DIAGRAM -		
CESSNA 400 NAV/COM		
(ARC TYPE RT522A & RT 532A)		
SIZE	CODE IDENT. NO.	DWG NO.
C	71379	1270475
SCALE: NONE		
210 & T210		
PAGE: 2.45.3.0		

ED: RR 02306 (SR 5403) & (SR 5404) IX



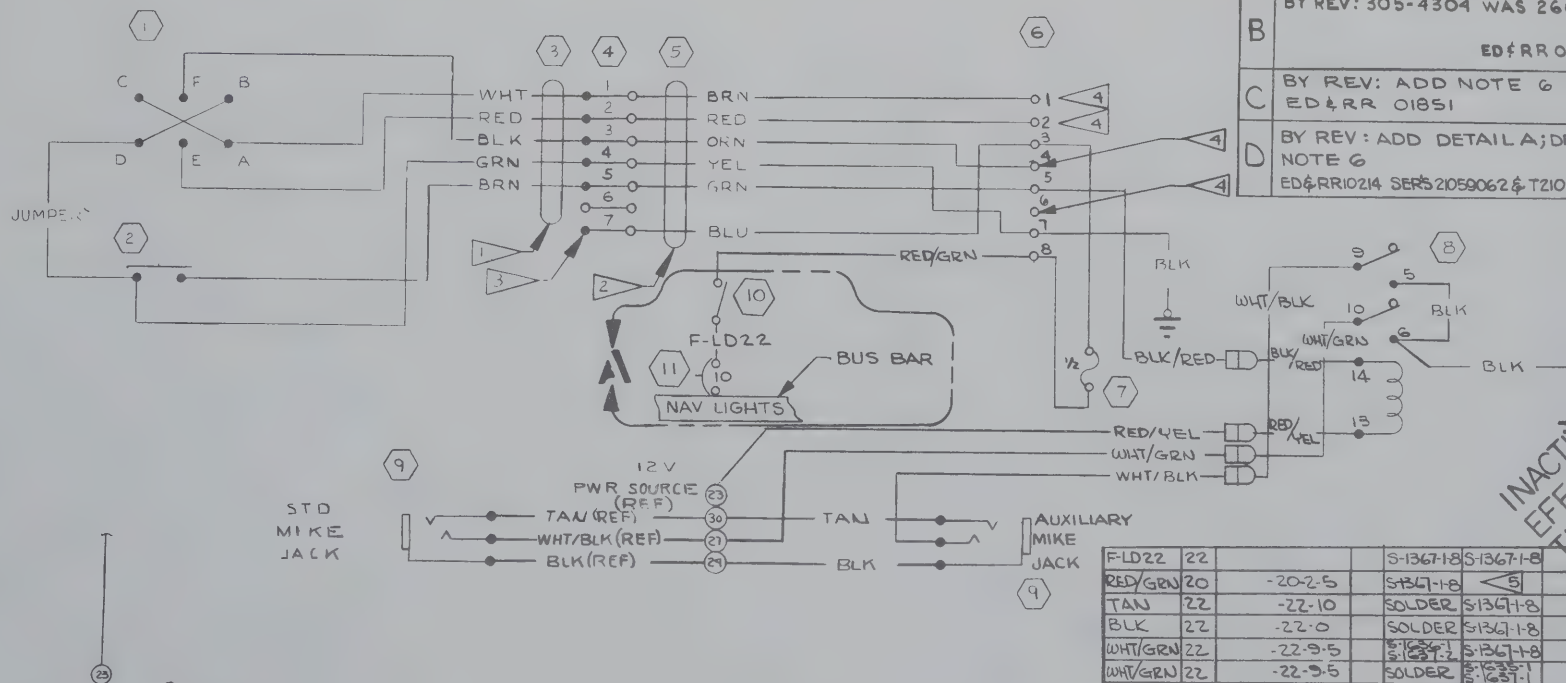
REVISION			
LET	DESCRIPTION	DATE	APPD
A	REFER TO PAGE 2.45.3.0		



INACTIVE:
EFF SER 20590621210-0393
THRU SER 21059199
JWH
mos
NFW

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
CONTRACT NO:					
WIRE TABLE					
DESIGN: SIPS VR 6/1/68					
GROUP: 2nd instl 8-13-68					
DRAWN: HARRIS 7/17/68					
CHECK: G. IRVIN 8-9-68					
STRESS: K.F. GEIDE 8-13-68					
PROJECT: 2.45.3.1 8-19-68					
APPD: SWANEX 8-12-68					
TITLE: WIRING DIAGRAM - CESSNA 400 NAV/COM (ARC TYPE RT 522A & RT 532A)					
SIZE: C					
CODE IDENT. NO. 71379					
DWG NO. 1270475					
SCALE: NONE					
210 & T210					
PAGE: 2.45.3.1					

ITEM NO.	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 2.45.2.1		
SUPERSEDED BY:		



DETAIL A
THRU SER 21059061
& SER T210-0392

NOTES:

- 1 BOTH ENDS OF (3) WIRES TO BE SOLDERED
- 2 BOTH ENDS OF (5) WIRES TO BE TERMINATED WITH 320733 TERMINALS (00779)
- 3 POWER SOURCE FOR MAP LIGHT REFER TO 1270405 PAGE 11.10 FOR SCHEMATIC OF ETCHED CIRCUIT BOARD.
- 4 REFER TO 1270405 PAGE 14.6 FOR PITCH TRIM MOTOR WIRING DIAGRAM.
- 5 PART NO. IS 329636, VENDOR CODE IS 00779.
- 6 WHEN AUDIO TERMINAL BOARD IS NOT INSTALLED, CONNECT RED/GREEN WIRE TO NAV LTS CIRCUIT BREAKER FOR MAP LT POWER

PART NO.	DESCRIPTION	VENDORS
11	S-1360-10	CKT BKR
10	S-1845-1-1	SWITCH
9	S-1102-1	JACK
8	S-1813-2	RELAY
7	1570141-1	FUSE ASSY
6	8-171	TERM BLOCK (71785)
5	SF-1030-BX	CABLE (08261)
4	1570142-2	CIRCUIT BOARD ASSY
3	8445	CABLE (70903)
2	39-1	SWITCH (81073)
1	305-4304	SWITCH (81579)

PART NO.	DESCRIPTION	VENDORS
CES-1000	IS APPLICABLE VENDOR CODES PER S-1400	
CES-XXXX	CESSNA SPEC. NO.	
S-XXX	OR CMXXXX-CESSNA	
STD. NO.		

SUPERSEDES:	1270475 PG 2.28
SUPERSEDED BY:	

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
F-LD22	22			S-1367-18	S-1367-1-8
RED/GRN	22	-20-2-5		S-1367-1-8	<5>
TAN	22	-22-10		SOLDER	S-1367-1-8
BLK	22	-22-0		SOLDER	S-1367-1-8
WHT/GRN	22	-22-9-5		S-1367-1-8	S-1367-1-8
WHT/GRN	22	-22-9-5		SOLDER	S-1367-1-8
BLK/RED	22	-22-0-2		SOLDER	S-1367-1-8
BLK/RED	22	-22-0-2		<5>	S-1367-1-8
RED/YEL	22	-22-2-4		SOLDER	S-1367-1-8
RED/YEL	22	-22-2-4		S-1367-1-8	S-1367-1-8
WHT/BLK	22	-22-9-0		S-1367-1-8	S-1367-1-8
BLK	22	-22-0		<5>	S-1367-1-8
BLK	22	-22-0		SOLDER	SOLDER
BLK	22	-22-0		SOLDER	S-1367-1-8

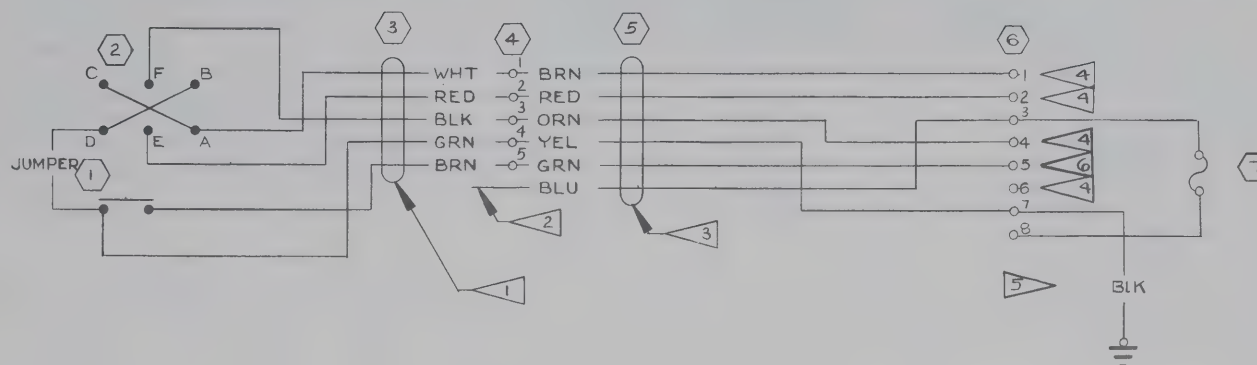
WIRE TABLE			CONTRACT NO:		
DESIGN	NAME	DATE	DESIGN	NAME	DATE
GROUP	H. WISE	7-26-67	GROUP	H. WISE	7-26-67
DRAWN	A. KERSHAW	6-2-67	DRAWN	A. KERSHAW	6-2-67
CHECK	YAKSHAW	8-30-67	CHECK	YAKSHAW	8-30-67
STRESS	and	8-31-67	STRESS	and	8-31-67
PROJECT	McIntosh	8-4-67	PROJECT	McIntosh	8-4-67
APPD			APPD		

SIZE	CODE IDENT. NO.	DWG NO.
C	71379	1270475

SCALE: NONE	210 & T210	PAGE: 2.97
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INACTIVE:
EFF SER 21058937 & T210-0308
THRU SER 21059199
10-1-69
JWH
mcs
H/W

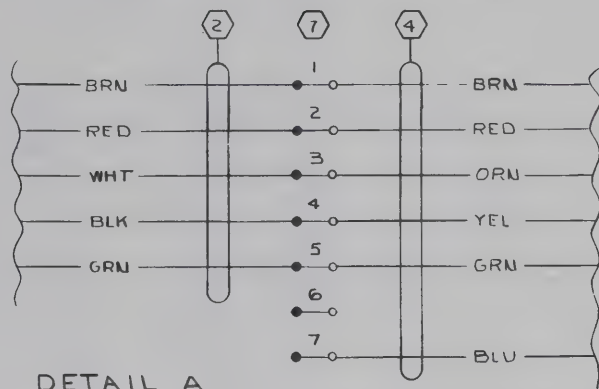
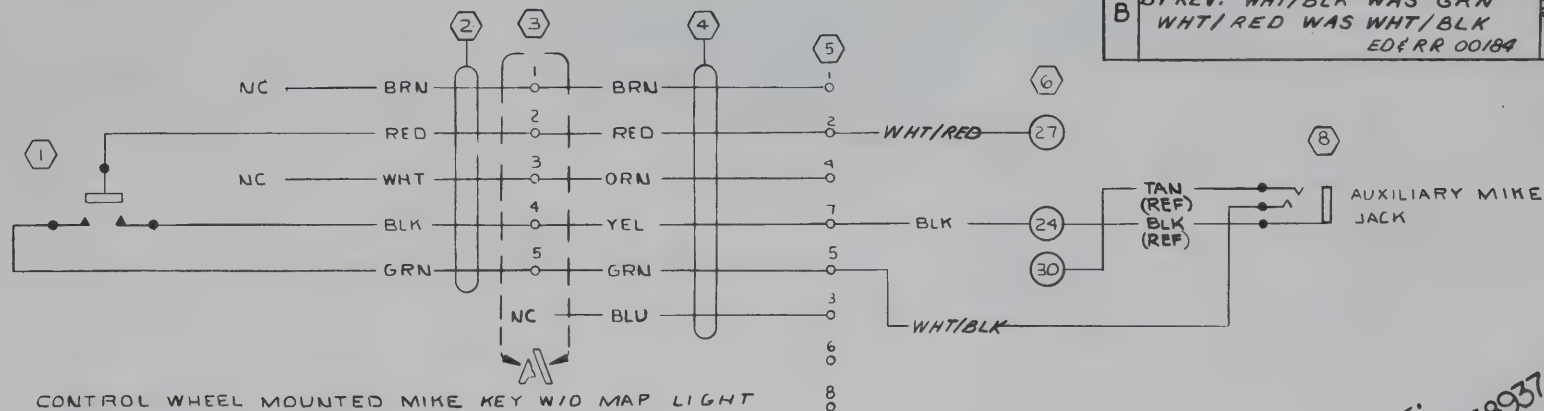
INACTIVE:
EFF SER 20589374720-0308
THRU SER 21059199
QRC 10-1 -69
JWH
mos
Nid



- 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)
- 4 REFER TO 1270405 PAGE 14.6 FOR
PITCH TRIM MOTOR WIRING DIAGRAM.
- 5 ALL WIRE SHOWN ON THIS PAGE ARE ALSO
SHOWN ON PAGE 2.47.0 REFER TO 2.47.0
FOR WIRE TERMINATION DETAILS.
- 6 A MIKE KEYING RELAY IS REQUIRED
WITH 39-1 SWITCH. REFER TO PAGE 2.47
FOR RELAY & ADDITIONAL CIRCUIT.

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES: PG 5:4400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.		SUPERSEDED: 1270475, PG 2:28 SUPERSEDED BY:	

[illegible]



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. 5-171 TERMINAL BLOCK IS REPLACED BY 1570142-2 CIRCUIT BOARD WHEN MAP LIGHT IS INSTALLED.

3. PART NO. IS 329636, VENDOR CODE IS 00779.

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
8	5-1102-1	JACK	
7	1570142-2	CIRCUIT BOARD ASSY	
6	077014-1	TERM BLOCK ASSY	
5	5-171	TERM BLOCK	(71785)
4	SF-1030-BX	CABLE	(08261)
3	5-171	TERM BLOCK	(71785)
2	B445	CABLE	(70903)
1	A 8002	SWITCH	HETH

CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.	SUPERSEDES: 1270475, PG 2.28 SUPERSEDED BY:
--	---

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/RED 22	-22-9-2	S-1367-1-B	<3		
WHT/BLK 22	-22-9-0		<3	SOLDER	
ELK 22	-22-0	S-1367-1-B	<3		

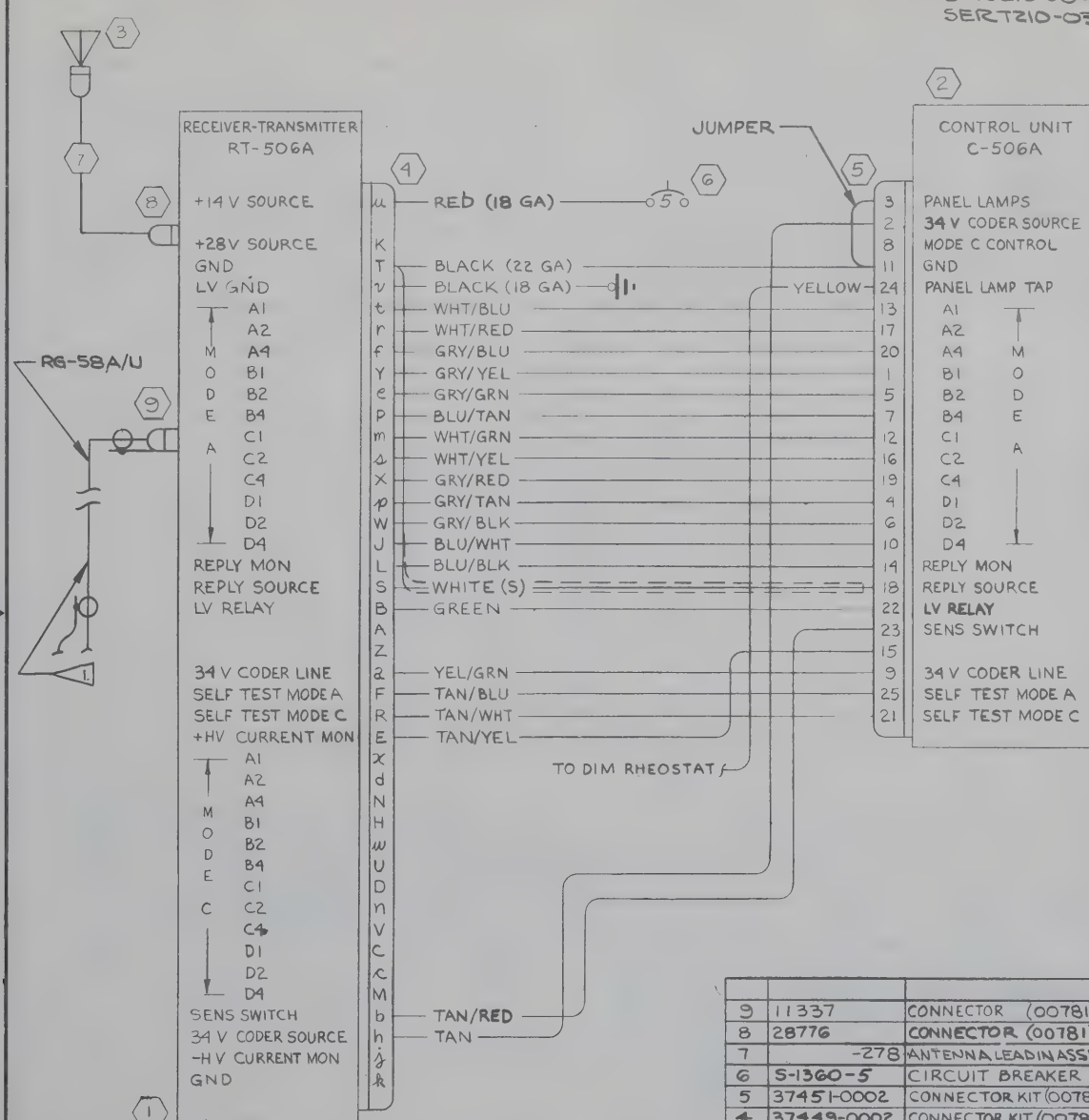
CONTRACT NO:			WIRE TABLE	
DESIGN	NAME	DATE	SIZE	CODE IDENT. NO.
GROUP	HW	7-3-67		
DRAWN	JWED	7-31-67		
CHECK	YAKSHAW	8-30-67		
STRESS	amb	8-31-67		
PROJECT	McLester	8-9-67		
APPD				

CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE WIRING DIAGRAM - MIKE KEY, CONTROL WHEEL MOUNTED			
SIZE C	CODE IDENT. NO. 71379	DWG NO. 1270475	
SCALE: NONE		21047210	PAGE: 2.50

INACTIVE:
EFF SER 2058937 & T20-0308
THRU SER 21059199
10-1-69
JWH
MOS
HFW

SER 21058937 & ON & SER T210-0308

SER 210 58937 400
SERT210-0308 400



➤ 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.

ITEM NO.	PART NO.	DESCRIPTION
9	11337	CONNECTOR (00781)
8	28776	CONNECTOR (00781)
7	-278	ANTENNA LEAD IN ASSY
6	5-1360-5	CIRCUIT BREAKER
5	37451-0002	CONNECTOR KIT (00781)
4	37449-0002	CONNECTOR KIT (00781)
3	34970-0000	ANTENNA (00781)
2	34960-1000	CONTROL UNIT (00781)
1	34950-0014	RCVR/XMTR (00781)

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: ADD CABLE; DELETE WHT WIRE. ED4RR 01362	JWH 1-4-68	RLW HAW HAW
B	BY REV: -278 WAS-259 IN EQUIPMENT TABLE ED4RR 01361 SER 210-58976 SERT210-0308	RLY 1-25-68	RLW HAW HAW
C	BY REV: 37451-0002 WAS 37451 & 37449-0002 WAS 37449 ED4RR 01992	RLY 4-11-68	GKIMDS HAW HAW

INACTIVE:
EFF SER 21058937 T210-0308
THRU SER 21059199
QPC 10-1-69
JWH HAW

CABLE	RG-58A/U	UG-88C/U	SOLDER	SOLDER
TAN/WHT	22	-22-10-9		
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/WHT	22	-22-6-9		
WHITE	20(S)	5-1461-20-9		
BLU/BLK	22	-22-6-0		
YEL/GRN	20	-20-4-5		
GREEN	20	-20-5		
YELLOW	20	-20-4		SOLDER
RED	18	-18-2		S-1367-2-8
BLACK	18	-18-0		S-1367-2-8
BLACK	22	-22-0		SOLDER SOLDER

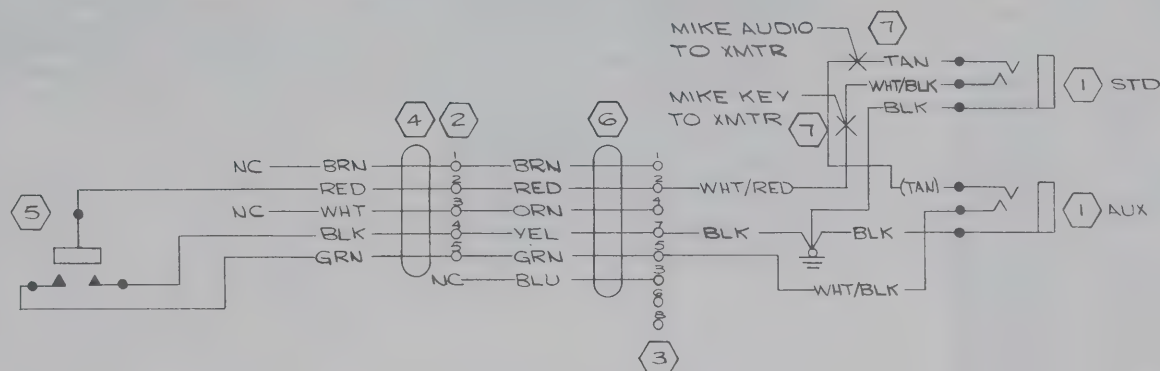
WIRE TABLE			
WIRE CODE NO	GA	MATERIAL	LG
			TERMINALS
			SERIALS

CONTRACT NO		NAME		DATE
DESIGN		G WOOD		11-20-67
GROUP		H. W. WOOD		10-3-67
DRAWN		G WOOD		
CHECK		LAURIE		10-24-67
STRESS		ASHER		11-14-67
PROJECT		P. W. WOOD		11-20-67
APPD				

Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM - CESSNA 400 TRANSPONDER (ARC TYPE 506A)	
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	1270475	
SCALE:		PAGE: 2.51.1	

1. THIS PAGE TO BE USED WHEN TERMINAL BOARD IS NOT INSTALLED.

REVISION			
LET	DESCRIPTION	DATE	APPD



INACTIVE:
EFF SER 210589374 T210-0308
THRU SER 21059199
10-1 -69
JWH
MOS
HWH

[illegible]

7	S-1370-1	SPLICE
6	SF1030-BX	CABLE (08261)
5	AB002	SWITCH (HETH)
4	8445	CABLE (70903)
3	8-171	TERM BLOCK (71785)
2	5-171	TERM BLOCK (71785)
1	S-1102-1	JACK

ITEM NO.	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:

SUPERSEDED BY:

CONTRACT NO:			WIRE TABLE  Cessna AIRCRAFT CO.		
			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	G WOOD	11-22-67	TITLE		
GROUP	A WOOD	11-20-67	WIRING DIAGRAM -		
DRAWN	RC AXTELL	11-14-67	MIKE KEY-CONTROL		
CHECK	M. SWANEY	11-16-67	WHEEL		
STRESS	ASHER	11-20-67			
PROJECT	18000	11-27-67	SIZE	CODE IDENT. NO.	DWG NO.
APPD	G. MARTEN	11-17-67	C	71379	1270475
			SCALE: NONE 21058937EOM PAGE: 2.52		

T210-0308&ONED&RR00917

REVISION			
LET	DESCRIPTION	DATE	APPD

INACTIVE:
 EFF SER 20590624 T210-0393
 THRU SER 21059199
 9AC 10-1-69
 JWA
 MOS
 HFW

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

14	17008	CONN (PNTR)
13	S-1838-1	HOUSING
12	17005	CONN (PNTR)
11	S-1838-2	HOUSING
10	S-1360-15	CIRCUIT BREAKER
9	S-1360-5	CIRCUIT BREAKER
8	17028	CONN (PNTR)
7	17027	CONN (PNTR)
6	17025	CONN (PNTR)
5	S-1838-3	HOUSING
4	C589502-0101	ANT. LOAD BOX
3	0570087	AUD JCT BOX ASSY
2	C582103-0201	POWER SUPPLY
1	C582103-0101	TRANSCEIVER

ITEM NO.	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:

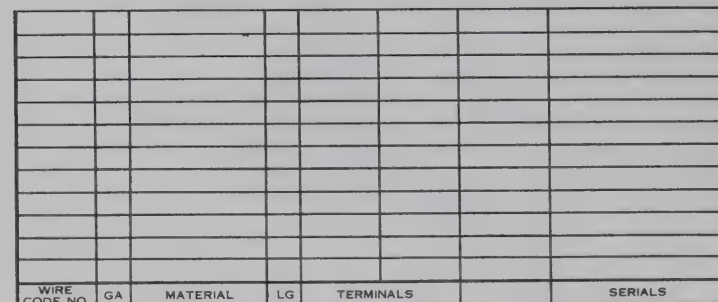
SUPERSEDED BY:

WIRE TABLE			Cessna AIRCRAFT CO.	
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5900 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	
GROUP	H. Wins	2-29-68	WIRING DIAGRAM -	
DRAWN	C. GARCIA	2-15-68	CESSNA 300 HF	
CHECK	LAURIE RDS	2-17-68		
STRESS	ASHER	2-10-68		
PROJECT	2-1-68			
APPD	JSM 2-20-68			
SIZE	CODE IDENT. NO.	DWG NO.		
C	71379	1270475		
SCALE: NONE			PAGE: 254.1.0	

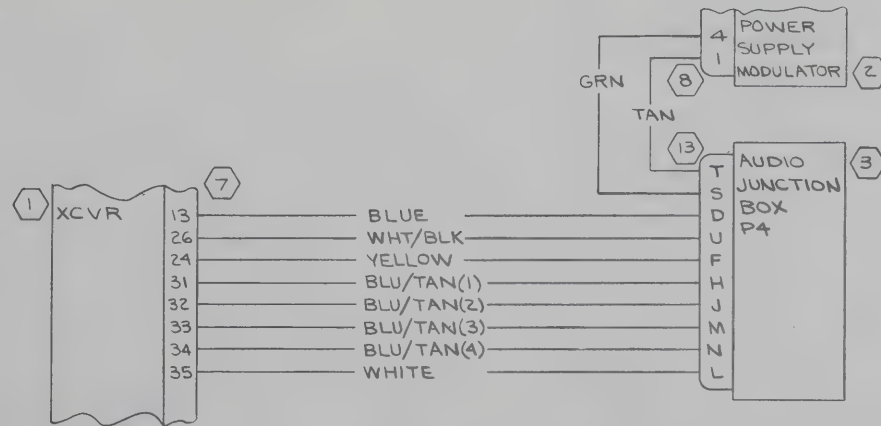
CABLE	RG-58/U				
YEL/TAN(1)	20	-20-4-10	SOLDER	SOLDER	
YEL/RED	20	-20-4-2		SOLDER	
YEL/GRN	20	-20-4-5		SOLDER	
YEL	18	-18-4		S-1837-1	
WHT/RED	22	-22-9-2		SOLDER	
WHT/BLK	22	-22-9-0		S-1837-1	
WHT(2)	22	-22-9		S-1837-1	
WHT(1)	20S	-20-9		SOLDER	
TAN	22	-22-10	SOLDER	S-1837-1	
WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

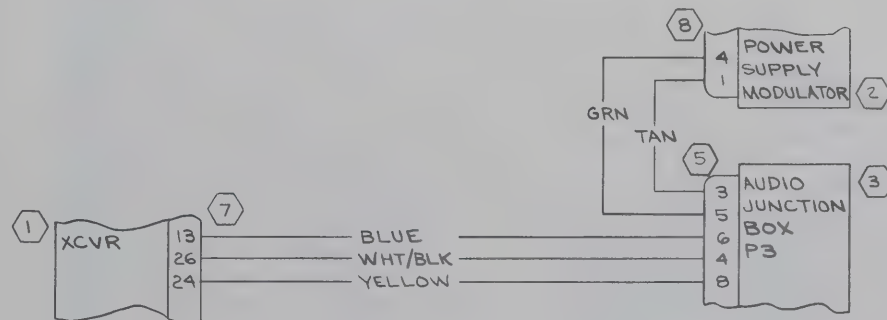
INACTIVE:
EFF SER 20590624 T210-0393
THRU SER 21059199
SRC 10-1 -69
JWH
mos
H/W



ED#RR 01820 (SR5403)(SR5404)IX



DETAIL A
2ND INSTL



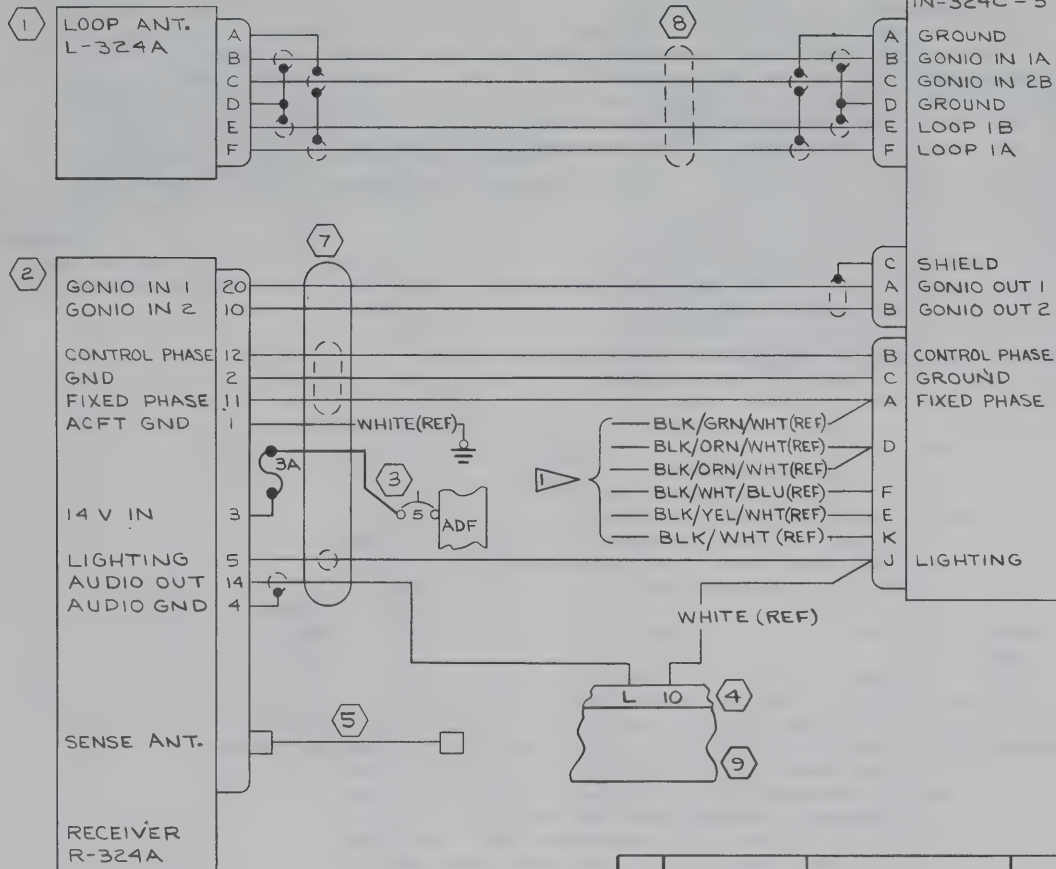
DETAIL 13
3RD INSTL
(BLU/TAN WIRES TO BE CAPPED ON
3RD INSTALLATION)

ITEM NO.	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: SUPERSEDED BY:	

[illegible]

CONTRACT NO:			WIRE TABLE  CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE	WIRING DIAGRAM — CESSNA 300 HF	
GROUP					
DRAWN					
CHECK					
STRESS					
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270475
			SCALE: NONE	210-T210	PAGE: 25412

INACTIVE:
EFF SER 210590624 T210-0393
THRU SER 21059199
10-1-69
JUN
MOS
746



NOTES:

CUT & CAP WIRES AT APPROX 2" WHEN IN-324 IND IS USED

ITEM NO.	PART NO.	DESCRIPTION	PAGE
9	0570084-1	JUNCTION BOX ASSY	7.14
8	33827-0000	LOOP CABLE ASSY	3.32.0
7	37677-0014	CABLE ASSY	
6	38450-0003	GONIOMETER IND	3.32.0
5	-285	CABLE ASSY	2.57.0
4	S-1838-3	HOUSING	
3	S-1360-5	CIRCUIT BKR	3.32.0
2	36380-1000	RECEIVER	3.32.0
1	36420-1100	LOOP ANT.	6.11
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 2.31.1			
SUPERSEDED BY:			

WIRE CODE NO.	GA.	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	8-13-68	8-13-68	TITLE		
DRAWN	C. GARCIA	7-23-68	WIRING DIAGRAM -		
CHECK	G. IRVIN	8-9-68	CESSNA 400 ADF		
STRESS	R. F. GEIDE	8-13-68	(ARC TYPE 324A)		
PROJECT	8-14-68	8-14-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANEY	8-14-68	C	71379	1270475
SCALE: NONE			210-T210 PAGE: 2.58.0		

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD NOTE 1 & 3A FUSE ED & RR 10119 (SR5403) & (SR5404)	9/25/68	JWH MOS REG NFW

INACTIVE:
EFF SER 21059062 T210-0393
THRU SER 21059199
9RC JWH
MOS NFW
10-1-69

1. 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 "T" OF CONTROLLER AND PIN "T" OF COMPUTER IS REQUIRED WHEN C-520B AND CA520B UNITS ARE USED. WHEN C-520A AND CA520A UNITS ARE USED THIS WIRE NEED NOT BE USED BUT ITS INCLUSION WILL NOT AFFECT OPERATION.

CHG LET	REVISION	DATE	CHK APPD
A	ADD PIN# " CONTROL UNIT TO PIN# 7 COMPUTER, WHICH IS 60-1009 35370-1014 CONTROL (-5200) / 35410-1009 COMPUTER-AMP (CA5200) NOTE 4. (SR4856)(SR4887)	7/28/66	AKC: AKM: AKH: H/A:

WIRE	GA	MATERIAL	LG	TERMINALS	N/A	SERIALS
WHT	12	S-1460-22-9		SOLDER	SOLDER	0770704
GRN/YEL	20	S-1460-20-5-4		SOLDER	S-1367-1-B	0770704
WHT/BLK	22	S-1460-22-9-0		↑	SOLDER	↑
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				
WHT/TAN	22	S-1460-22-9-10				
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/TAN	22	S-1460-22-9-10				
WHT/YEL	22	S-1460-22-9-4		↓	↓	↓
WHT/GRN	22	S-1460-22-9-5		SOLDER	SOLDER	0770704
TAN/WHT	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			SOLDER	
YELLOW	18	S-1460-18-4			S-1370-1	
RED	16	S-1460-16-2			S-1370-2	
WHT/RED	22	S-1460-22-9-2			SOLDER	
BLU/TAN	22	S-1460-22-6-10			↑	
RED/WHT	18	S-1460-18-2-9				
WHT/BLK	22	S-1460-22-9-0			SOLDER	
GRY/GRN	22	S-1460-22-8-5			S-1370-1	
GRY/RED	22	S-1460-22-8-2			S-1370-1	
BLU/WHT	22	S-1460-22-6-9			SOLDER	
RED/BLK	18	S-1460-18-2-0			↑	
TAN/WHT	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

INACTIVE:
EFF SER 210 58490 & 120 0001
THRU SER 2105919
RLX S-27-68
ED&RR Q2329
GKI H/W
WWS
P.T.
AKM

SOLDER
S-1370-1
S-1370-1
SOLDER

↑

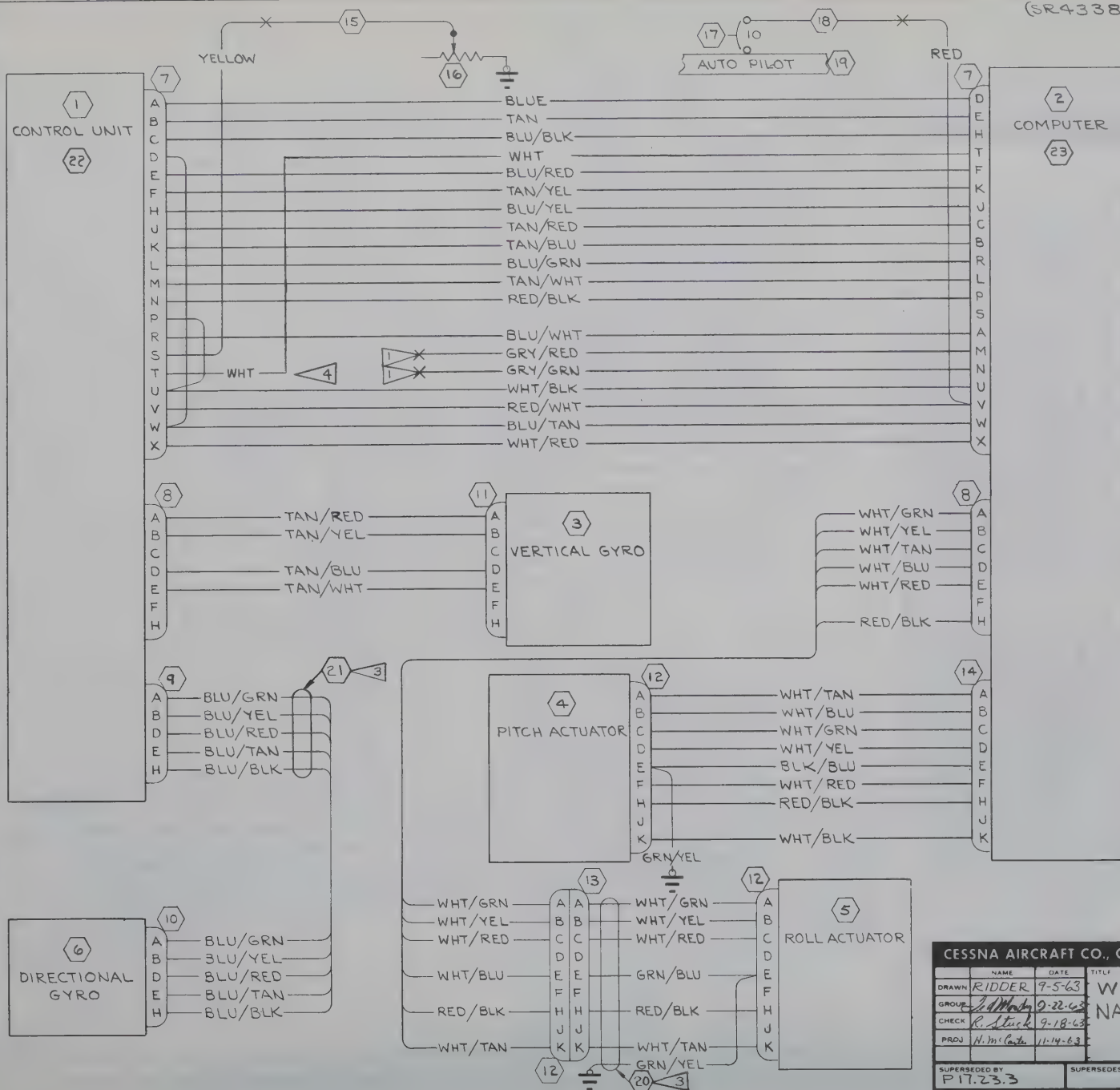
EFF SER 210 58490 & T210 0001
THRU SER 21059199
RLY 5-27-68
EDERR QZ329
GRT H/W
mbs
pjt
PKM

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
4	23	35410-1004	COMPUTER-AMP (CA-520B)
4	22	35670-1014	CONTROLLER (C-520B)
	21	1270449-4	CABLE ASSY
	20	1270449-6	CABLE ASSY
	19	1270461-1	BUS BAR
	18	RED WIRE	
	17	5-1360-10	CIRCUIT BREAKER
	16	R-12-75-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	30370-0100	DIRECTIONAL GYRO (ARC6-520A)
	5	26360-0000	ROLL ACTUATOR (ARCPA-510A)
	4	26360-0000	PITCH ACTUATOR (ARCPA-510A)
	3	30475-0000	VERTICAL GYRO (ARC6-519A)
	2	30520-0014	COMPUTER (ARC) (CA-520A)
	1	30510-1014	CONTROL UNIT (ARC) (C-520A)

WIRE TABLE					
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS					
NAME	DATE	TITLE			
DRAWN	RIDDER	7-5-63			
GROUP	11/11/63	9-22-63			
CHECK	11/11/63	9-18-63			
PROJ	11/11/63	11-14-63			
NAVING DIAGRAM — NAV-O-MATIC 400 SYSTEM (OPT)			DWG NO 1270405		
SUPERSEDED BY P 17.23.2		SUPERSEDES	MODEL 210	REV A	PAGE 17.23

(SR4338)

CHG	ZONE	REVISION	BY	CHK
LET			DATE	APPD



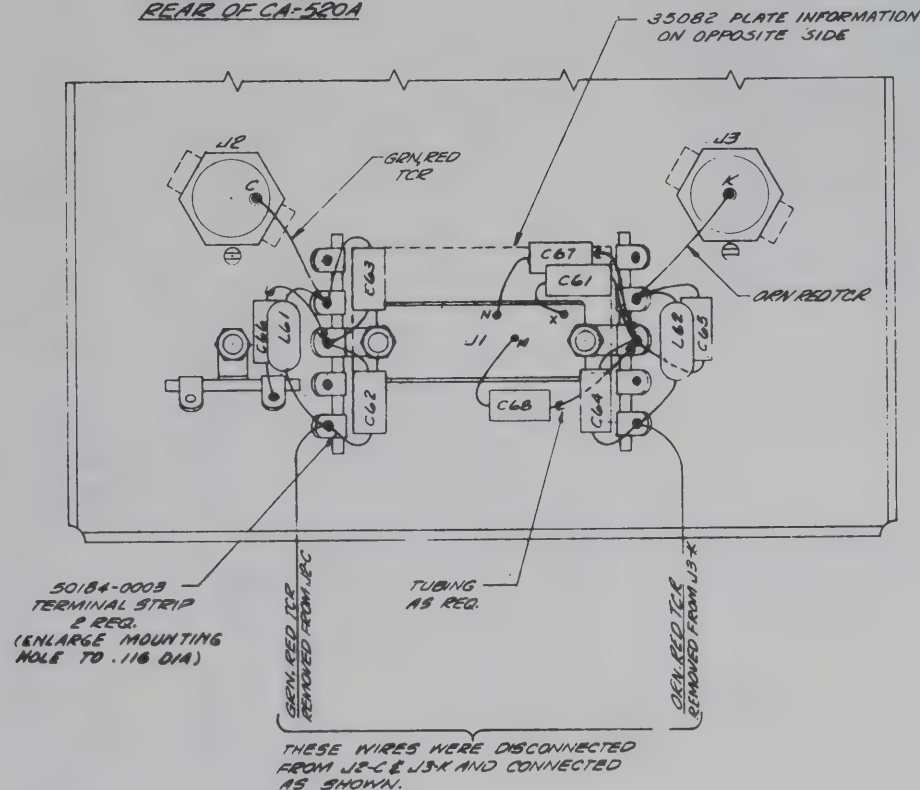
INACTIVE:
 EFF SER 210 58490 & 210 0001
 THRU SER 21059199
 RLY 5-27-68
 ED & RR 02329
 GR, JTW
 MD3
 ARM

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS			
DRAWN	NAME	DATE	TITLE
RIDDER	7-5-63		WIRING DIAGRAM -
GROUP	9-22-63		NAV-O-MATIC 400
CHECK	R. Stuck	9-18-63	SYSTEM
PROD	N. M. Cate	11-14-63	(OPT)
SUPERSEDED BY		SUPERSEDES	MODEL
P17.23.3			210
REV: A			PAGE: 17.23.1

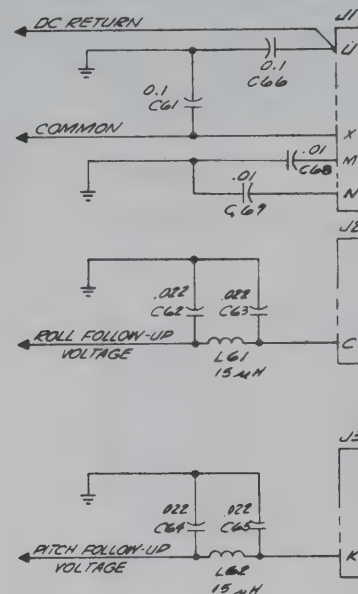
ASH

WIRING DIAGRAM

INSIDE VIEW
REAR OF CA-520A



SCHEMATIC DIAGRAM

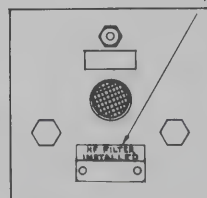


INACTIVE:
EFF SER 210 58490 & T210 0001
THRU 5-27-68
RLY 02329
EDARR K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11 K12 K13 K14 K15 K16 K17 K18 K19 K20 K21 K22 K23 K24 K25 K26 K27 K28 K29 K30 K31 K32 K33 K34 K35 K36 K37 K38 K39 K40 K41 K42 K43 K44 K45 K46 K47 K48 K49 K50 K51 K52 K53 K54 K55 K56 K57 K58 K59 K60 K61 K62 K63 K64 K65 K66 K67 K68 K69 K70 K71 K72 K73 K74 K75 K76 K77 K78 K79 K80 K81 K82 K83 K84 K85 K86 K87 K88 K89 K90 K91 K92 K93 K94 K95 K96 K97 K98 K99 K100

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 J2-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

35082 INFORMATION PLATE-TO BE MTD WITH EXISTING SCREWS WHEN MODIFICATION HAS BEEN COMPLETED



FRONT VIEW OF
COMPUTER AMPLIFIER

FILTER KIT

ITEM NO.	ARC PART NO.	DESCRIPTION	QTY
1	32423-9102	.022 MF CAPACITOR	4
2	32423-9103	.010 MF CAPACITOR	2
3	32423-9102	.100 MF CAPACITOR	2
4	31183-0190	15 MH CHOKES	2
5	50184-0003	TERMINAL STRIP (MTG HOLES = .118)	2
6	35082	INFORMATION PLATE	1
7	21471-0302 (3")	GREEN/RED WIRE	1
8	21471-0302 (3")	ORANGE/RED WIRE	1
9	8800-0032 (6")	TUBING	1
10	39094	DRAWING	1

WIRE TABLE

Cessna Aircraft Company			
NAME	DATE	TITLE	REV
G. WOOD	3-29-66	WIRING DIAGRAM—	
H. WOOD	3-29-66	NAV-O-MATIC 400	
C. WOOD	3-29-66	SYSTEM	
H. WOOD	3-29-66	(OPT)	
DESIGNED BY	PI.23.5	SUPERSEDES	
MODEL	210, T210	REV	
PAGE	17.23.1.1		

Cessna.

1270405

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
B	BY REV: DELETE TAN WIRE; GREEN-YELLOW WIRE W/AS YELLOW-BLACK ED&RR 10349	A.S. 2-4-89	JWH mbs 8/8 N10

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

16	28505-0009	PLUG (00781)
15	28326-0009	PLUG
14	28326-0005	PLUG
13	29410	PLUG
12	28371-0009	PLUG
11	28371-0005	PLUG
10	28336	PLUG
9	29460	PLUG
8	50328-0002	PLUG (00781)
7	CA-2	CKT BKR (80602)
6	S-1360-10	CKT BKR
5	35060-0014	TURN COORD (ARC TYPE G-500A)
4	26360-0000	ACTR ASSY (ARC TYPE PA-510A)
3	30370-0100	DIR GYR J (ARC TYPE G-520A)
2	28900-0000	OMNI COUPLER (ARC TYPE CAS12A)
1	35660-1014	CONT AMPL (ARC TYPE C-594B)

ITEM NO.	PART NO.	DESCRIPTION
		EQUIPMENT TABLE

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: FA3 (REF) WAS RED/WHT & FA4 (REF) WAS BLK/WHT ED&RR 01975	RLY 3-28-88	GK/MDS BRB/200 JRM NMC PEP

YEL/TAN	20	SOLDER	SOLDER	1270449		
YEL/RED	20	SOLDER	SOLDER			
GRN/YEL	18		S-1367-1-8			
YEL	20		SOLDER			
WHT/YEL	22					
WHT/YEL						
WHT/TAN						
WHT/TAN						
WHT/RED						
WHT/RED						
WHT/GRN						
WHT/GRN						
TAN/WHT						
TAN/BLU	22	SOLDER	SOLDER	1270449		
RED/BLK	18	SOLDER	SOLDER	1270449		
RED/BLK	18					
RED	16					
GRN/BLU	22					
GRN/BLU						
GRN						
GRN/YEL						
GRAY/RED						
GRAY/GRN						
GRAY/BLU	22					
BLU/YEL	22S					
BLU/YEL	22					
BLU/WHT	22					
BLU/TAN	22					
BLU/RED	22S					
BLU/RED	22					
BLU/GRN	22					
BLU/BLK	22					
BLU	22	SOLDER	SOLDER	1270449		
BLK	18	SOLDER	S-1367-1-8	1270449		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	N/A	SERIALS

WIRE TABLE			
CONTRACT NO:		Cessna AIRCRAFT CO.	
DESIGN	G WOOD	8-7-67	TITLE
GROUP	H. W. W.	7-27-67	WIRING DIAGRAM -
DRAWN	C. GARCIA	9-9-67	CESSNA 300 NAV-O-MATIC
CHECK	LAURIE	9-12-67	AUTOPILOT (OPT)
STRESS	amb	9-14-67	
PROJECT	M. M. C.	9-15-67	
APPD	R. E. M.	9-13-67	
SUPERSEDES:	1270405 P 17.7.1		
SIZE	C	CODE IDENT. NO.	71379
DWG NO.			1270405
SCALE:	NONE		
			210, T210
			PAGE: 17.25.0

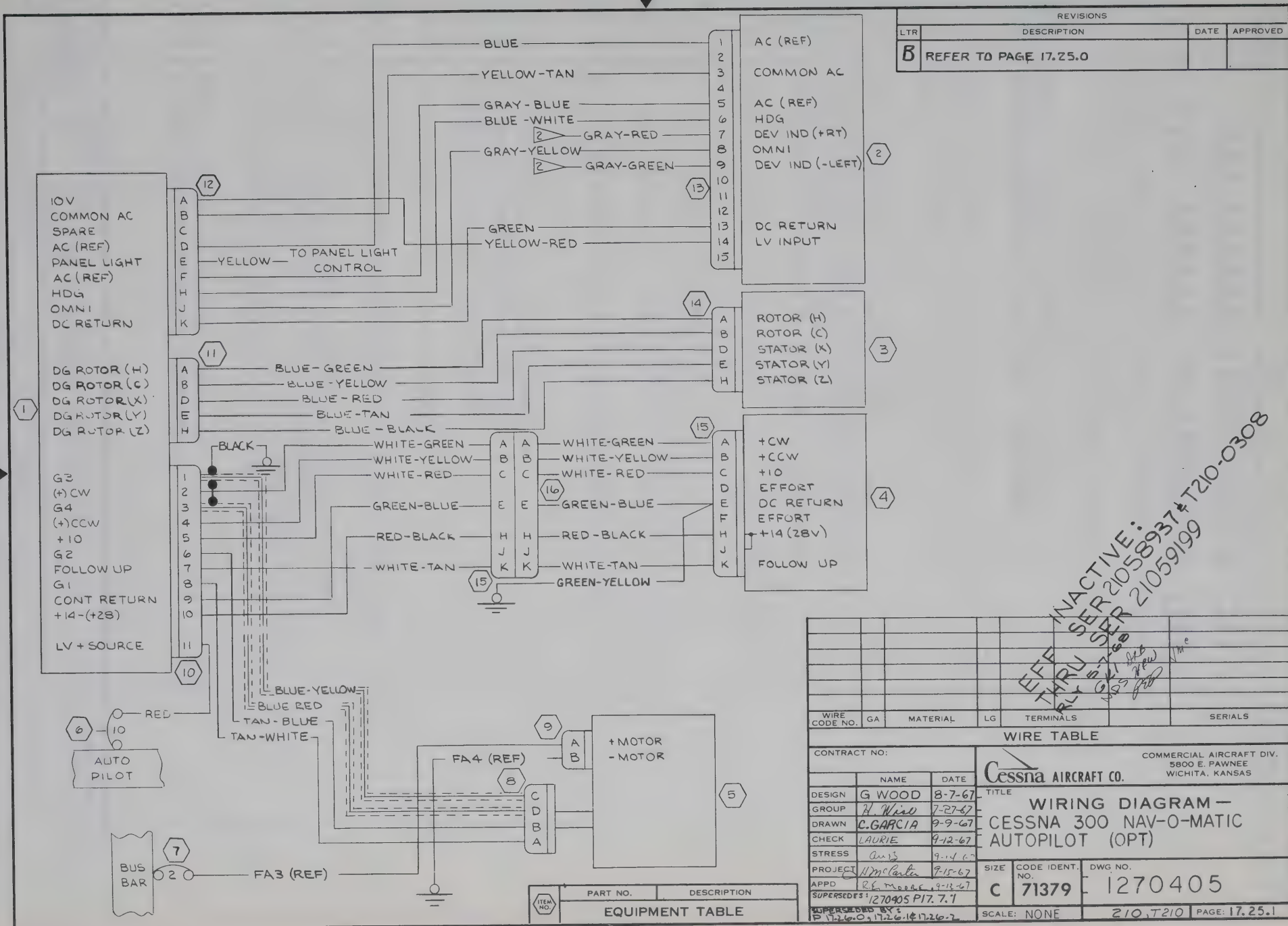


TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	210 SERIAL 21059200 & ON T210 SERIAL 21059200 & ON		
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		
2.4.2	Wiring Diagram-Cessna 300 Transponder		
2.5.1	Wiring Diagram-Omni Selector Switch		
2.5.2	Wiring Diagram-Transmitter Selector Switch		
2.5.3	Wiring Diagram-Audio Selector Switch		
2.6.1	Wiring Diagram-Cessna 300 Nav/Comm (Type 540A and 517R With IN525A and IN514)		
2.6.2	Wiring Diagram-Cessna 300 Nav/Comm (Type 540A and 517R With IN525A and IN514)		
2.7.1	Wiring Diagram-Cessna 300 Comm (ARC Type 524A)		
2.8	Wiring Diagram-Cessna 300 ADF (ARC Type 521B)		
2.9.1	Wiring Diagram-Cessna 400 ADF (ARC Type 324A)		
2.11.1	Wiring Diagram-Cessna 300 Marker Beacon (ARC Type R-502B)		
2.13.1	Wiring Diagram-Cessna 300 HF		
2.13.2	Wiring Diagram-Cessna 300 HF		
2.13.3	Wiring Diagram-Cessna 300 HF		
2.15.1	Wiring Diagram-Cessna 300 DME		
2.18.1	Wiring Diagram-Cessna 400 Glide Slope (ARC Type R543B)		
2.18.2	Wiring Diagram-Cessna 400 Glide Slope For Use With Cessna 400 Nav/Comm (ARC Type R543B)		
2.18.3	Wiring Diagram-Cessna 400 Glide Slope For Use With Cessna 300 Nav/Comm (ARC Type R-543B)		
2.19.1	Wiring Diagram-Cessna 400 Comm		
2.19.2	Wiring Diagram-Cessna 400 Comm		



TITLE: Radio Drawing - Model 210

DRAWING NO.

DATE: 15 December 1969

PAGE: 1 of 3

1270700

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

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2. 20. 1	Wiring Diagram-Cessna 400 Nav/Comm		
2. 20. 2	Wiring Diagram-Cessna 400 Nav/Comm		
2. 20. 3	Wiring Diagram-Cessna 400 Nav/Comm		
2. 20. 4	Wiring Diagram-Cessna 400 Nav/Comm		
2. 22. 1	Wiring Diagram-Cessna 400 Transponder		
2. 22. 2	Wiring Diagram-Cessna 400 Transponder		
2. 24. 1	Wiring Diagram-Narco Mark 12B With VOA-40 Indicator		
2. 24. 2	Wiring Diagram-Narco Mark 12B With VOA-40 Indicator		
2. 25. 1	Wiring Diagram-Isolation Amplifier, King KA-25C		
2. 26	Wiring Diagram-Typical Switching ADF, 300 HF & 300 Comm		
2. 27. 1	Wiring Diagram-Audio Sel Switch, Narco Mark 12B		
2. 29	Wiring Diagram-Typical Switching, Narco Mark 12B & ADF		
2. 33	Wiring Diagram-Microphone Switch, Control Wheel		
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		
2. 35. 1	Wiring Diagram-Cessna 300 Marker Beacon (R502B) With VOA-50M Indicator		
2. 35. 2	Wiring Diagram-Cessna 300 Marker Beacon (R502B) With VOA-50M Indicator		
2. 36. 1	Wiring Diagram-UGR-2 Glide Slope With Narco Mark 12B & VOA-50M Indicator		
2. 36. 2	Wiring Diagram-UGR-2 Glide Slope With Narco Mark 12B & VOA-50M Indicator		



TITLE:

Radio Drawing - Model 210

DRAWING NO.

DATE: 15 December 1969

PAGE: 2 of 3

1270700

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

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	DRAWING NUMBER 1270701		
14.2.0	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	8-29-69	NC
14.2.1	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	8-29-69	NC
14.2.2	Cessna 300 Nav-O-Matic Autopilot (14 Volt)	8-29-69	NC
14.3.0	Cessna 400 Nav-O-Matic	8-29-69	NC
14.3.1	Cessna 400 Nav-O-Matic	8-29-69	NC
14.3.2	Cessna 400 Nav-O-Matic	10-14-69	A



TITLE: Radio Drawing - Model 210

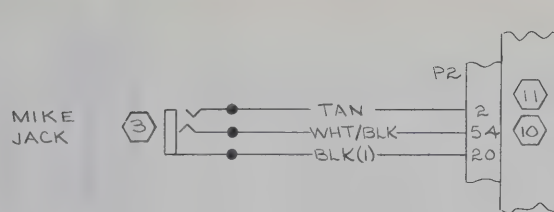
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DATE: 15 December 1969

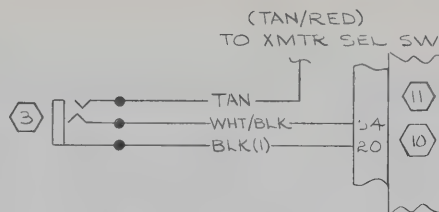
PAGE: 3 of 3

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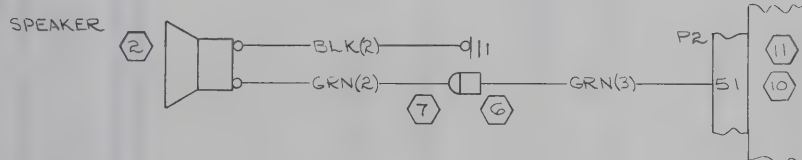
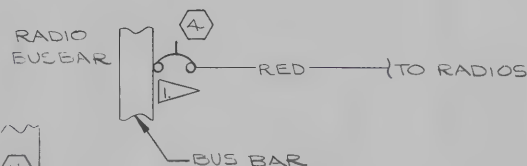
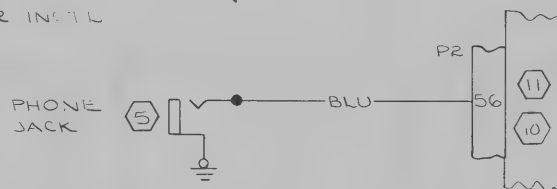
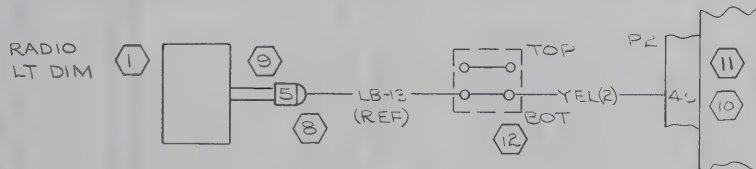
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.



SINGLE XCVR INSTL



DUAL XCVR INSTL



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 REQD BY THE VARIOUS RADIO INSTALLATIONS

12	34002-55	TERMINAL BOARD	ETNC
11	S-1838-1	HOUSING	
10	0570084-1	JUNCTION BOX	
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	CKT BKR	
3	S-1102-1	MIKE JACK	
2	C596505-0101	SPEAKER	
1	1570166-1	DIMMING ASSY	

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
----------	----------	-------------	--------

CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.	SUPERSEDES: SUPERSEDED BY:
--	-----------------------------------

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLK	22	-22-9-0		S-1837-1	GOLDEN
TAN	22	-22-10		S-1837-1	SOLDER
RED	16	-16-2		S-1837-1	GOLDEN
BLU	22	-22-6		S-1837-1	SOLDER
YEL(2)	18	-18-4		S-1829-1	S-1837-1
GRN(3)	20	-20-5		S-1837-1	S-1836-1
GRN(2)	20	-20-5		S-1635-1	S-1829-1
BLK(2)	22	-22-0		S-1829-1	S-1837-1-8
BLK(1)	22	-22-0		S-1837-1	SOLDER

WIRE TABLE

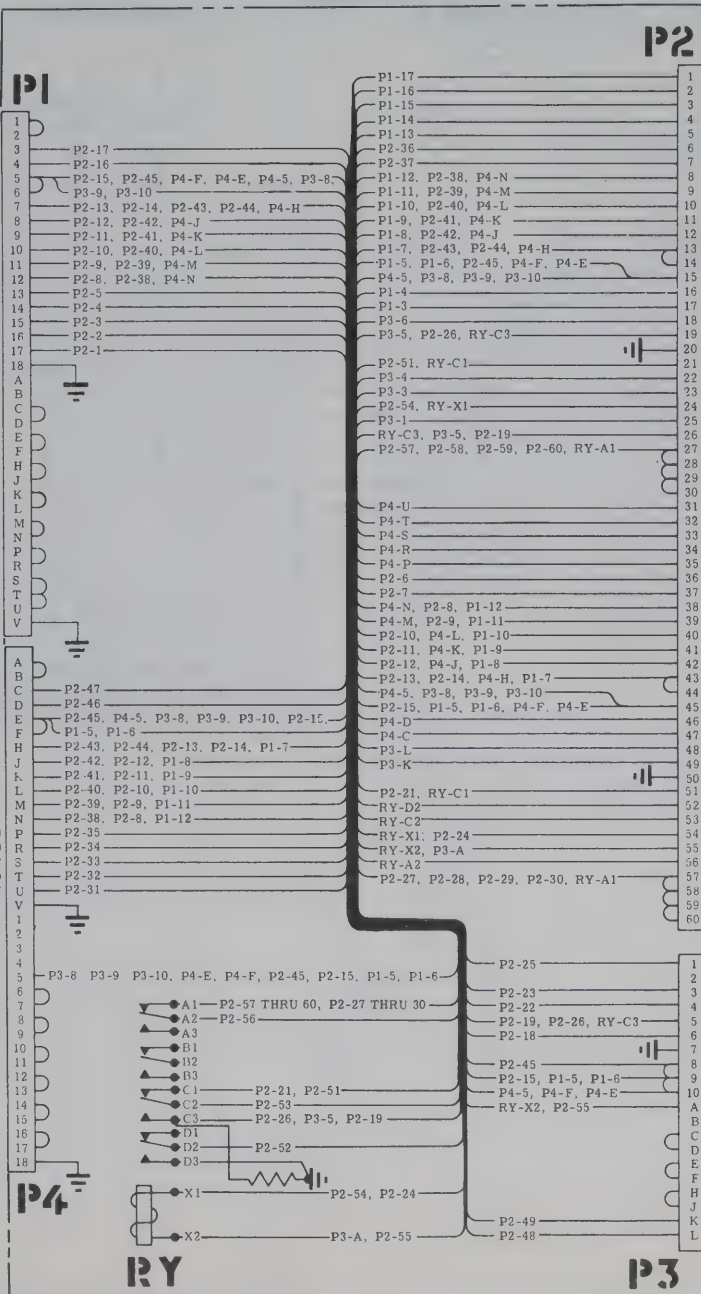
CONTRACT NO:		NAME		DATE	Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	G-117001	10-1-69	TITLE		WIRING DIAGRAM -			
GROUP	21	Wiring	10-9-69	RADIO SPEAKER, PHONE JACK, MIKE, LIGHT DIM & PWR CKTS				
DRAWN	LJESTRAND	10-25-69	CHECK	HARRIS	10-1-69	SIZE	CODE IDENT. NO.	DWG NO
STRESS			PROJ	W. J. Harris	11-9-69	C	71379	1270700
APPD	MD Harris	10-1-69	OTHER			SCALE: NONE	BIO	PAGE: 2.0.1

NAV PH
COMM PH
NAV PNL LTS
COMM PNL LTS
AUX AUD 6
AUX AUD 5
AUX AUD 4
AUX AUD 3
AUX AUD 2
AUX AUD 1
OMNI (-L)
OMNI (-R)
SPKR OUTPUT
MIKE AUD
XMTR KEY
AUD COMMON

#1 XCVR

NAV PH
COMM PH
NAV PNL LTS
COMM PNL LTS
AUX AUD 6
AUX AUD 5
AUX AUD 4
AUX AUD 3
AUX AUD 2
AUX AUD 1
OMNI (-L)
OMNI (-R)
SPKR OUTPUT
MIKE AUD
XMTR KEY
AUD COMMON

#2 XCVR



1 #1 XMTR KEY FROM SW
2 #1 XMTR AUD FROM SW
3 #1 SPKR AMP OUT TO SW
4 #1 OMNI (-R) TO SW
5 #1 OMNI (-L) TO SW
6 OMNI (-R) FROM SW
7 OMNI (-L) FROM SW
8 #1 COMM AUD FROM SW
9 #1 NAV AUD FROM SW
10 #2 COMM AUD FROM SW
11 #2 NAV AUD FROM SW
12 DME AUD FROM SW
13 SPARE
14 SPARE
15 SPARE
16 #1 COMM PH OUT TO SW
17 #1 NAV PH OUT TO SW
18 #3 COMM PH OUT TO SW
19 SPKR LOAD
20 AIRCRAFT GROUND
21 TO SHIP'S #1 SPKR
22 #3 XMTR KEY FROM SW
23 #3 XMTR AUD FROM SW
24 FROM #1 MIKE JACK (KEY)
25 MKR BCN PH OUT TO SW
26 SPKR LOAD
27 PH AUD FROM SW
28 PH AUD FROM SW
29 PH AUD FROM SW
30 PH AUD FROM SW
31 #2 XMTR KEY FROM SW
32 #2 XMTR AUD FROM SW
33 #2 SPKR AMP OUT TO SW
34 #2 OMNI (-R) TO SW
35 #2 OMNI (-L) TO SW
36 OMNI (-R) TO AP
37 OMNI (-L) TO AP
38 SPARE
39 SPARE
40 SPARE
41 MKR BCN AUD FROM SW
42 ADF AUD FROM SW
43 SPARE
44 SPARE
45 DIAL LT REHOSTAT
46 #2 COMM PH OUT TO SW
47 #2 NAV PH OUT TO SW
48 ADF PH OUT TO SW
49 DME PH OUT TO SW
50 GROUND
51 TO SHIP'S #2 SPKR
52 XMTR KEY TO SW
53 SPKR AUD FROM SW
54 FROM #2 MIKE JACK (KEY)
55 MKR BCN/RELAY A- IN
56 AUD TO PH JACKS
57 PH AUD FROM SW
58 PH AUD FROM SW
59 PH AUD FROM SW
60 PH AUD FROM SW

SHIP'S WIRING
& SWITCHES

1 PH AUD FROM MKR BCN
2
3 AUD TO #3 XMTR
4 KEY TO #3 XMTR
5 SPKR AUD FROM #3 COMM
6 PH AUD FROM #3 COMM
7 AUD COMMON
8 TO #3 COMM PANEL LIGHTS
9 TO DME PANEL LIGHTS
10 TO ADF PANEL LIGHTS
A- TO MKR BCN
B
C
D
E
F
G
H
J
K
L
PH AUD FROM DME
PH AUD FROM ADF

#3 XCVR
+ RECEIVERS

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:

DESIGN	NAME	DATE
611100D		10-2-69
GROUP	H. Wight	10-9-69
DRAWN	MONICAL	9-2-69
CHECK	HARPER	10-1-69
STRESS		
PROJECT		
APPD		

Cessna AIRCRAFT CO.		
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
TITLE	SIZE	CODE IDENT. NO.
SCHEMATIC DIAGRAM - AUDIO JUNCTION BOX, INTERNAL WIRING	C	71379
DWG NO.	1270700	
SCALE: NONE	210	PAGE: 2.0.2

REVISION			
LET	DESCRIPTION	DATE	APPD

YELLOW	20	-20-4	SOLDER	S-1837-1		
BLACK (4)	18	-18-0	SOLDER	S-1367-1-2		
YEL/BLK (2)	22	-22-4-0	S-1963-1	SOLDER		
RED/YEL (2)	22	-22-2-4				
RED/GRN (2)	22	-22-2-5				
TAN/YEL (2)	22	-22-10-4				
TAN/RED (2)	22	-22-10-2				
TAN/WHI (2)	22	-22-10-9				
TAN/BLU (2)	22	-22-10-6				
RED/BLK (2)	18	-18-2-0				
RED/WHI (2)	18	-18-2-9				
BLACK (2)	20	-20-0				
BLU/WHI (2)	22	-22-6-9				
GRY/BLK (2)	22	-22-8-0				
GRY/TAN (2)	22	-22-8-10				
GRY/RED (2)	22	-22-8-2				
WHI/YEL (2)	22	-22-9-4				
WHI/GRN (2)	22	-22-9-5				
BLU/TAN (2)	22	-22-6-10				
GRY/GRN (2)	22	-22-8-5				
GRY/YEL (2)	22	-22-8-4				
GRY/BLU (2)	22	-22-8-6				
WHI/RED (2)	22	-22-9-2				
WHI/BLU (2)	22	-22-9-6				
RED (2)	18	-18-2	S-1963-1	S-1367-1-6		
YEL/BLK (1)	22	-22-4-0	SOLDER	S-1963-2		
RED/YEL (1)	22	-22-2-4				
RED/GRN (1)	22	-22-2-5				
TAN/YEL (1)	22	-22-10-4				
TAN/RED (1)	22	-22-10-2	SOLDER	S-1963-2		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

20	S-1962-2-0	HOUSING CAP	2.4.0
19	S-1962-1-0	HOUSING PLUG	2.4.0
18	S-1961-2-0	HOUSING CAP	2.4.0
17	S-1961-1-0	HOUSING PLUG	2.4.0
16	S-1838-3	HOUSING	2.4.0
15	S-1360-5	CIRCUIT BREAKER	3.7.0
14	030-2109-00	CONNECTOR	2.4.0
13	030-2102-00	CONNECTOR	2.4.0
12	030-1019-00	CA CLAMP HALF	2.4.0
11	-255	CABLE ASSY	2.32
10	C589505-0101	ANTENNA	6.9
9	C589504-0101	RCVR/XMTR UNIT 12V	4.3
8	C589503-0101	CONTROL PANEL 12V	3.7.0
7	1270705-4	CABLE ASSY	
6	-710	JCT BOX INSTL	7.7
5	-248	CABLE ASSY	2.4.0
4	-260	CABLE ASSY	2.4.0
3			
2	-242	CABLE ASSY	2.4.0
1	-241	CABLE ASSY	2.4.0

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

SUPERSEDES:

SUPERSEDED BY:

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

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. CESSNA AIRCRAFT CO. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	G WOOD	10-3-69	TITLE WIRING DIAGRAM — CESSNA 300 TRANSPONDER		
GROUP	H. W. 11	0-9-69			
DRAWN	A. REED	9-29-69			
CHECK	HARRIS	10-1-69			
STRESS					
PROJ	H. W. 11	10-9-69	SIZE C	CODE IDENT. NO. 71379	DWG NO 1270700
APPD	M. C. H. 11	10-1-69			
OTHER					
SCALE: NONE			210		PAGE: 2.4.1

9

RCVR/XMTR

ACFT GND 2

SUPPRESSION IN/OUT 3

A+14/28V 4

A1 16

A2 17

A4 18

B1 19

B2 20

B4 21

C1 22

C2 23

C4 24

D1 25

D2 26

D4 27

CONT HD COMMON 28

ON/OFF 29

ON/OFF 30

"A" INHIBIT 31

"C" INHIBIT 32

LO SENSE 33

IDENT 34

L1 35

L2 36

L3 37

14

12

- BLK (4)
- RED (1)
- WHT/BLU (1)
- WHT/RED (1)
- GRY/BLU (1)
- GRY/YEL (1)
- GRY/GRN (1)
- BLU/TAN (1)
- WHT/GRN (1)
- WHT/YEL (1)
- GRY/RED (1)
- GRY/TAN (1)
- GRY/BLK (1)
- BLU/WHT (1)
- BLACK (1)
- RED/WHT (1)
- RED/BLK (1)
- TAN/BLU (1)
- TAN/WHT (1)
- TAN/RED (1)
- TAN/YEL (1)
- RED/GRN (1)
- RED/YEL (1)
- YEL/BLK (1)

17

18

9

8

7

6

5

4

3

2

1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

RH WING ROOT

WING ROOT RH

STA 55.62

STA 152.20

11

7

5

BUS BAR

15

50

RADIO

4

- RED (2)
- WHT/BLU (2)
- WHT/RED (2)
- GRY/BLU (2)
- GRY/YEL (2)
- GRY/GRN (2)
- BLU/TAN (2)
- WHT/GRN (2)
- WHT/YEL (2)
- GRY/RED (2)
- GRY/TAN (2)
- GRY/BLK (2)
- BLU/WHT (2)
- BLACK (2)
- RED/WHT (2)
- RED/BLK (2)
- TAN/BLU (2)
- TAN/WHT (2)
- TAN/RED (2)
- TAN/YEL (2)
- RED/GRN (2)
- RED/YEL (2)
- YEL/BLK (2)

YELLOW

P3

8 NO 30IM

AUDIO JUNCTION BOX

16

8

CONTROL UNIT

1

2 A1

3 A2

4 A4

5 B1

6 B2

7 B4

8 C1

9 C2

10 C4

11 D1

12 D2

13 D4

14 CONT HD COMMON

15 ON/OFF

16 ON/OFF

17 "A" INHIBIT

18 "C" INHIBIT

19 LO SENSE

20 IDENT

21 L1

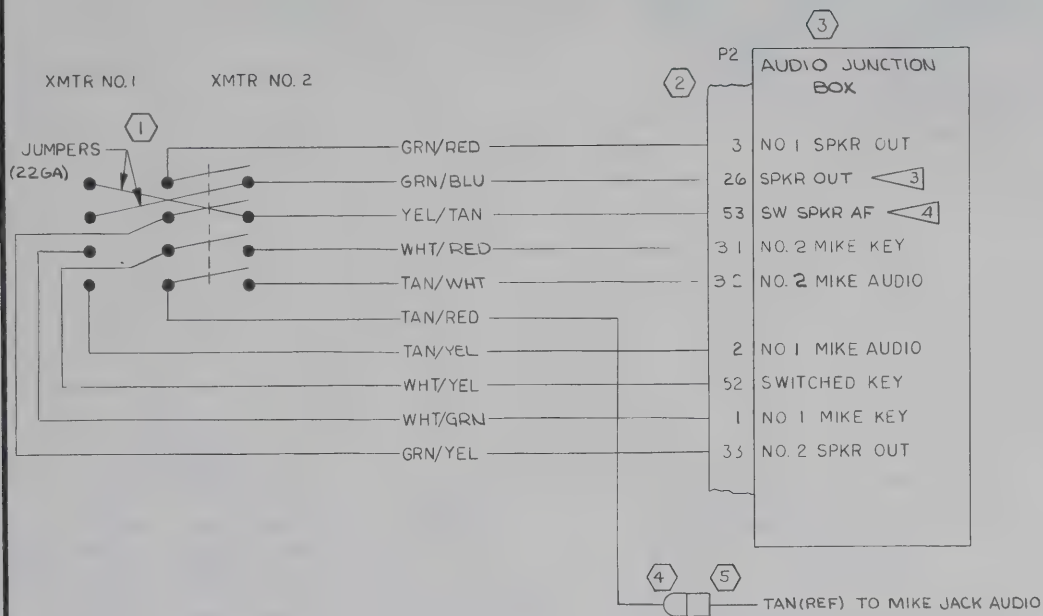
22 L2

23 L3

24 PANEL LAMP

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	H. W. Lee	10-3-69	TITLE		
DRAWN	A. REED	9-29-69	WIRING DIAGRAM -		
CHECK	HARRIS	10-1-69	CESSNA 300		
STRESS			TRANSPONDER		
PROJECT	N. M. Porter	10-9-69	SIZE	CODE IDENT.	DWG NO.
APPD	M. J. Hooley	10-1-69	C	71379	1270700
SCALE: NONE			210		PAGE: 2.4.2



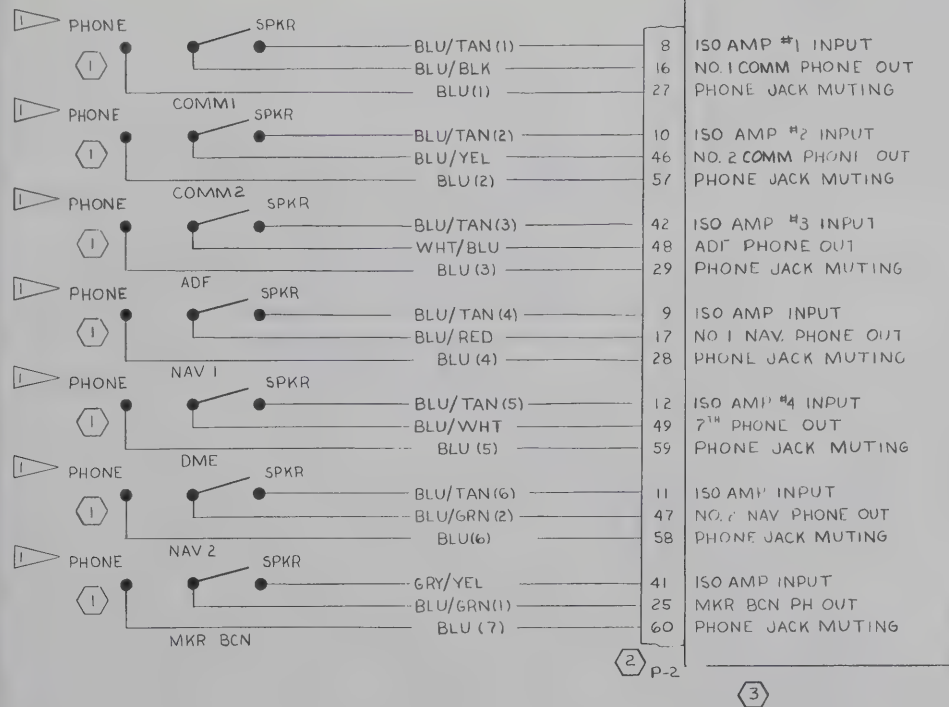
NOTES:

- TRANSMITTER NO.1 IS ON KEYWAY SIDE OF SWITCH
- WHEN THIS SW IS INSTALLED WITH DUAL NARCO'S THERE IS NO CONNECTION TO PINS 3, 26, 53 & 33
- PIN 26 CONNECTS DIRECTLY TO 10 Ω RESISTOR ON PRINTED CIRCUIT BOARD
- PIN 53 CONNECTS TO RELAY WIPER CONTACTS THEN TO ACFT SPKR VIA PIN 51. WHEN RELAY IS ACTUATED, PIN 53 CONNECTS TO 10 Ω RESISTOR ON PRINTED CIRCUIT BOARD

ITEM NO.	PART NO.	DESCRIPTION	QUANTITY
5	S-1637-2	HOUSING SOCKET	
4	S-1637-1	HOUSING CAP	
3	0570084-1	JUNCTION BOX ASSY	7.7
2	S-1838-1	HOUSING	
1	S-1697-1	SWITCH	2.5.0
EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.			
SUPERSEDED BY:			

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL/TAN 20	20-4-10	SOLDER	S-1837-1		
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		S-1837-1		
TAN/RED 22	22-10-2		S-1635-1		
GRN/YEL 20	20-5-4		S-1837-1		
GRN/BLU 20	20-5-6		S-1837-1		
GRN/RED 20	20-5-2	SOLDER	S-1837-1		
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE		
GROUP	G. WOOD	10-3-69	WIRING DIAGRAM — TRANSMITTER SELECTOR SWITCH		
DRAWN	H. W. WISE	10-9-69			
CHECK	J. D. RAINE	9/26/69			
STRESS	HARRIS	10-1-69			
PROJ	M. C. GILLES	10-9-69	SIZE	CODE IDENT. NO.	DWG NO
APPD	M. C. GILLES	10-1-69	C	71379	1270700
OTHER			SCALE: NONE	210	PAGE: 2.5.2

REVISION			
LET	DESCRIPTION	DATE	APPD



NOTES:

- 1 SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH

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

WIRE TABLE

ITEM NO.	PART NO.	DESCRIPTION	PAGE
3	0570084-1	JUNCTION BOX ASSY	2.7
2	S-1838-1	HOUSING	2.10
1	S-1695-2	SWITCH	2.5.0
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:	

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM — AUDIO SELECTOR SWITCH		
GROUP	H. W. 100	10-3-69			
DRAWN	J.D. RAINES	9/26/69			
CHECK	HARRIS	10-1-69			
STRESS			SIZE	CODE IDENT. NO.	DWG NO.
PROJ	H. W. 100	10-9-69	C	71379	1270700
APPD	M. H. 100	10-1-69	SCALE: NONE 210 PAGE: 2.5.3		
OTHER					

NOTES:

1. CESSNA 300 NAV/COMM AMPLIFIERS ARE OPERATED "ALWAYS HOT" SPKR OUTPUTS FROM EACH SYSTEM DRIVE EITHER 5Ω10 WATT DUMMY LOAD OR THE SPKR AS DETERMINED BY TRANSMITTER SELECTED

2-331350-1 CONNECTOR (00779)

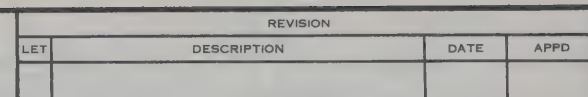
REVISION			
LET	DESCRIPTION	DATE	APPD

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		RG-58 A/U	SOLDER	2		
YEL	18	-18-4	SOLDER	S-1837-1		
WHT/YEL	22	-22-9-4		SOLDER		
WHT/TAN	22	-22-9-10		SOLDER		
WHT/GRN	22	-22-9-5		SOLDER		
WHT/BLK	22	-22-9-0		S-1837-1		
TAN	22	-22-10		S-1837-1		
RED/WHT	18	-18-2-9		S-1370-1		
RED/BLK	18	-18-2-0		S-1370-1		
RED	16	-16-2		S-1367-2-6		
GRY/RED(2)	22	-22-8-2		S-1837-1		
GRY/RED(1)	22	-22-8-2		SOLDER		
GRY/GRN(2)	22	-22-8-5		S-1837-1		
GRY/GRN(1)	22	-22-8-5		SOLDER		
GRN/WHT	20	-20-5-9		S-1837-1		
BLU/YEL	22S	S-1491-22-6-4		SOLDER		
BLU/WHT	22S	S-1491-22-6-9		SOLDER		
BLU/TAN(5)	22	-22-6-10		S-1837-1		
BLU/TAN(4)	22	-22-6-10				
BLU/TAN(3)	22	-22-6-10				
BLU/TAN(2)	22	-22-6-10				
BLU/TAN(1)	22	-22-6-10		S-1837-1		
BLU/RED	22S	S-1461-22-6-2		SOLDER		
BLU/BLK	22S	S-1461-22-6-0		SOLDER		
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		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

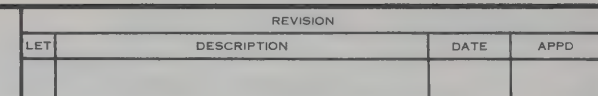
19	1270012-1	ANT.-NAV	6.3
18	C598501-0102	ANT. - COMM	6.1
17	S-1641-9	HOUSING	2.6.0
16	2-331350-1	CONNECTOR	2.4.0
15	1270705-3	CABLE ASSY	
14	-250	CABLE ASSY	2.1
13	-202	CABLE ASSY-VHF	2.3
12	-200	CABLE ASSY	2.1
11	36120-1114	XCVR(TYPE 517R)	3.2.0
10	31640-0000	IND(TYPE IN-514)	3.2.0
9	32350-0000	IND(TYPE IN-525A)	3.3.0
8	18397	CONNECTOR	2.6.0
7	0570084-1	JUNCTION BOX	7.7
6	S-1838-2	HOUSING	2.6.0
5	29752	CONNECTOR	
4	29753	CONNECTOR	
3	S-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.	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:			

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	DRAWN	CHECK	WIRING DIAGRAM —		
STRESS	OTHER		CESSNA 300 NAV/COMM (TYPE 540A)		
PROJ	APPD		517R WITH IN525A&IN514)		
SIZE	CODE IDENT. NO.	DWG NO.			
C	71379	1270700			
SCALE: NONE	210	PAGE: 2.6.1			



- | | | |
|-------------|-----|-----------|
| SCALE: NONE | 210 | PAGE: 2.8 |
|-------------|-----|-----------|



(SR6031) IX

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD 8899 ED&RR 1080Z SER 21059200	J.D.R. 11/11/69	JWH mps DLB/HW H/mc

8899	8899 CABLE (7090)	S-1367-2-8	S-1367-2-8	
BLK/WHT(2)	18 -18-9-0	S-1963-2	SOLDER	
BLK/WHT(1)	18 -18-9-0	S-1367-2-6	S-1963-1	
RED/BLU(2)	16 -16-2-6	SOLDER	S-1963-2	
GRN/RED(4)	20 -20-5-2			
GRN/YEL(2)	20 -20-5-4			
GRN/BLU(2)	20 -20-5-6			
GRN/WHT(2)	20 -20-5-9			
YEL/TAN(4)	22 -22-4-10			
RED/WHT(2)	18 -18-2-9			
TAN(2)	22 -20-10			
GRN(2)	20 -20-5			
RED(2)	16 -16-2			
GRN/RED(2)	22 -22-5-2			
YEL/TAN(2)	20 -20-4-10			
YEL/GRN(2)	20 -20-4-5			
RED/GRN(2)	20 -20-2-5			
WHT/RED(2)	22 -22-9-2			
YEL/RED(2)	20 -20-4-2			
WHT(2)	205 -205-9			
RED/BLK(2)	18 -18-2-0	SOLDER	S-1963-2	
BLK(2)	16 -16-0	S-1367-2-8	SOLDER	
TAN(1)	22 -22-10	S-1837-1	S-1963-1	
GRN(1)	20 -20-5	S-1837-1	S-1963-1	
BLK(1)	16 -16-0	SOLDER	S-1367-2-8	
GRN/RED(3)	20 -20-5-2		S-1963-1	
GRN/YEL(1)	20 -20-5-4		S-1963-1	
GRN/BLU(1)	20 -20-5-6		S-1963-1	
GRN/WHT(1)	20 -20-5-9	SOLDER	S-1963-1	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS

22	Z-331351-1	JACK		
21	Z-331350-1	PLUG	2.13.0	
20	I-331694-0	PANEL JACK		
19	S-1962-1-0	HOUSING - CAP	2.13.0	
18	S-1962-2-0	HOUSING - PLUG	2.13.0	
17	S-1838-3	HOUSING	2.13.0	
16	S-1838-2	HOUSING	2.13.0	
15	S-1360-15	CIRCUIT BREAKER	3.8	
14	S-1360-5	CIRCUIT BREAKER	3.8	
13	C589502-0101	ANTENNA LOAD BOX	4.11	
12	C582103-0201	POWER SUPPLY	4.2	
11	C582103-0101	TRANSCEIVER	3.8	
10	PL-259	PLUG		
9	17028	CONNECTOR (PNTR)	2.13.0	
8	17027	CONNECTOR (PNTR)	2.13.0	
7	17025	CONNECTOR (PNTR)	2.13.0	
6	17005	CONNECTOR (PNTR)	2.13.0	
5	1270705-7	CABLE ASSY		
4	1270705-4	CABLE ASSY		
3	0510084-1	AUDIO JUNCTION BOX	7.7	
2	-275	CABLE ASSY	2.13.0	
1	-272	CABLE ASSY	2.13.0	
ITEM NO.	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:		

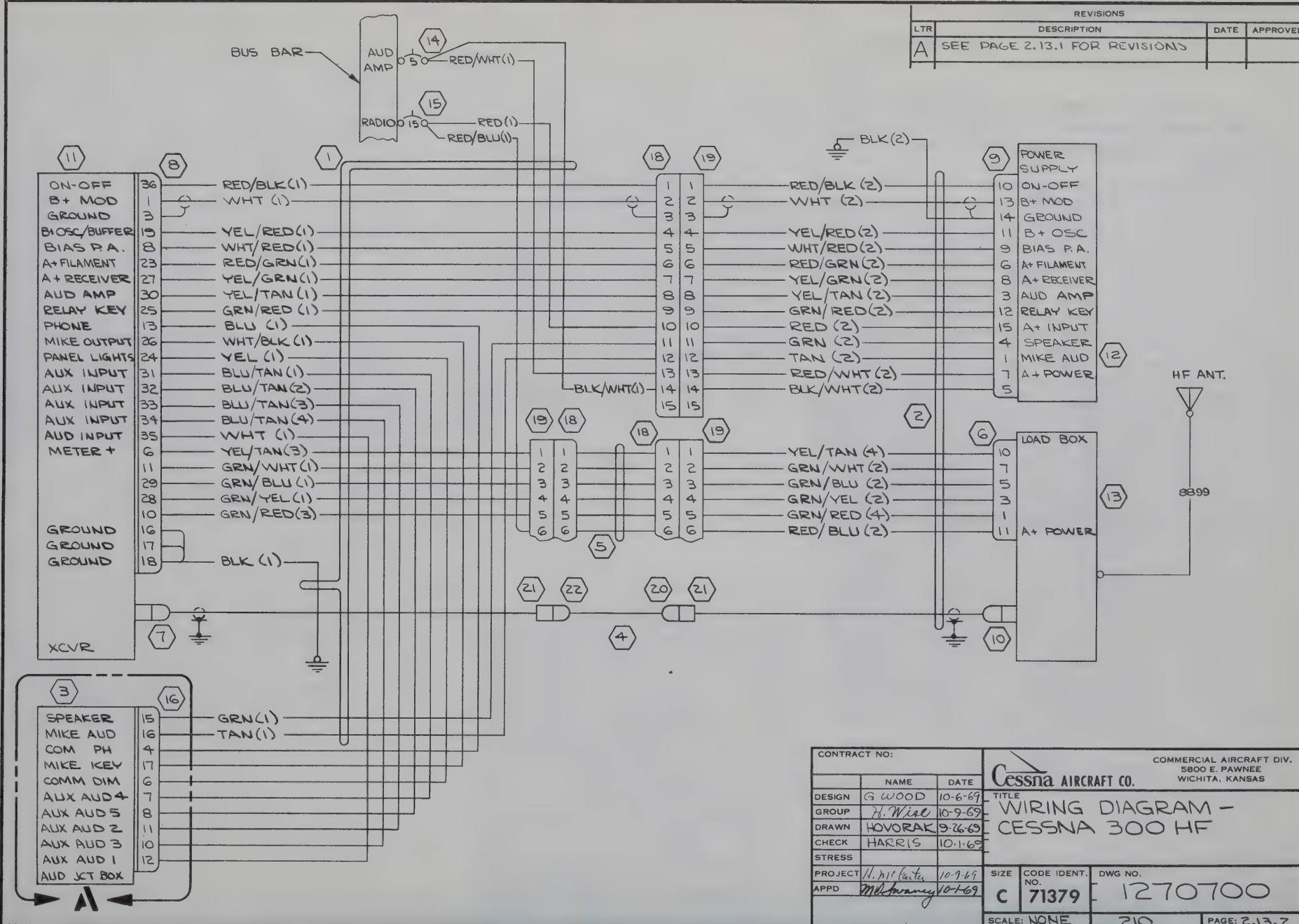
YEL/TAN(2)	22 -22-4-10	SOLDER	S-1963-1	
WHT(1)	22 -22-9		S-1837-1	
BLU/TAN(4)	22 -22-6-10			
BLU/TAN(3)	22 -22-6-10			
BLU/TAN(2)	22 -22-6-10			
BLU/TAN(1)	22 -22-6-10			
YEL(1)	18 -18-4			
WHT/BLK(1)	22 -22-9-0			
BLU(1)	22 -22-6		S-1837-1	
GRN/RED(1)	22 -22-5-2		S-1963-1	
YEL/TAN(1)	20 -20-4-10			
YEL/GRN(1)	20 -20-4-5			
RED/GRN(1)	20 -20-2-5			
WHT/RED(1)	22 -22-9-2			
YEL/RED(1)	20 -20-4-2			
WHT(1)	205 -205-9			
RED/BLK(1)	18 -18-2-0	SOLDER		
RED/BLU(1)	16 -16-2-6	S-1367-2-6		
RED/WHT(1)	18 -18-2-9	S-1367-2-6		
RED(1)	16 -16-2	S-1367-2-6	S-1963-1	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
SERIALS				

WIRE TABLE

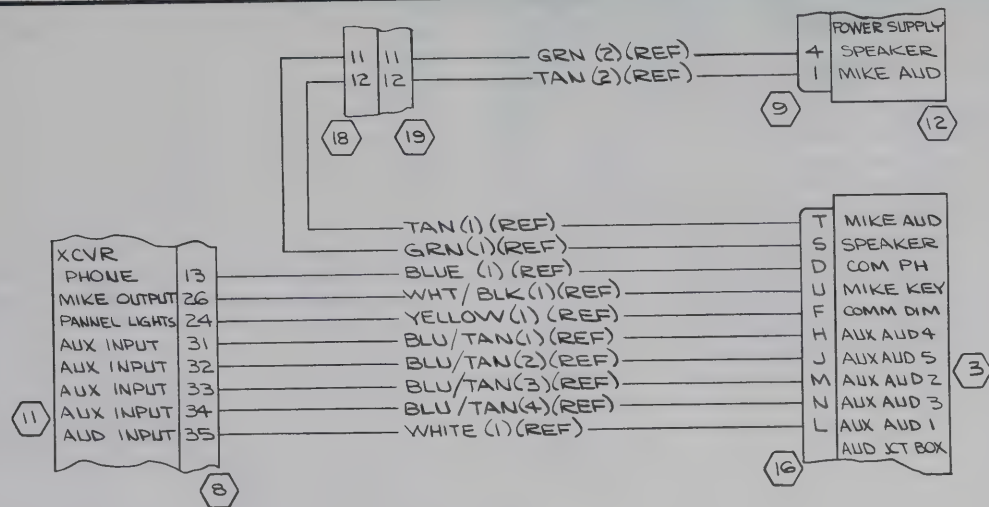
CONTRACT NO:		
DESIGN	NAME	DATE
GROUP	G WOOD	10-6-69
DRAWN	H. Wiser	10-9-69
CHECK	HOVORAK	9-26-69
STRESS	HARRIS	10-1-69
PROJ	H. Wiser	10-9-69
APPD	H. Wiser	10-1-69
OTHER		

COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
Cessna. AIRCRAFT CO.		
TITLE	WIRING DIAGRAM - CESSNA 300 HF	
SIZE	CODE IDENT. NO.	DWG NO
C	71379	1270700
SCALE: NONE	210	PAGE: 2.13.1

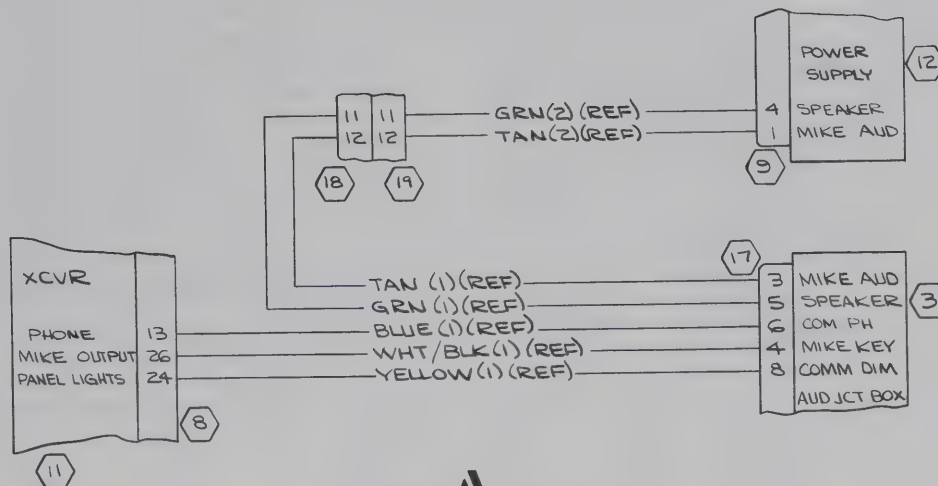
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	SEE PAGE 2.13.1 FOR REVISIONS		



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
NAME			Cessna AIRCRAFT CO.		
DATE			TITLE		
DESIGN	G WOOD	10-6-69	WIRING DIAGRAM -		
GROUP	H. Wial	10-9-69	CESSNA 300 HF		
DRAWN	HOVORAK	9-26-69			
CHECK	HARRIS	10-1-69			
STRESS					
PROJECT	H. H. Carter	10-9-69	SIZE	CODE IDENT.	DWG NO.
APPD	M. H. Carter	10-7-69	C	71379	1270700
SCALE: NONE			210		
PAGE: 2.13.2					



DETAIL A
(2ND INSTL)

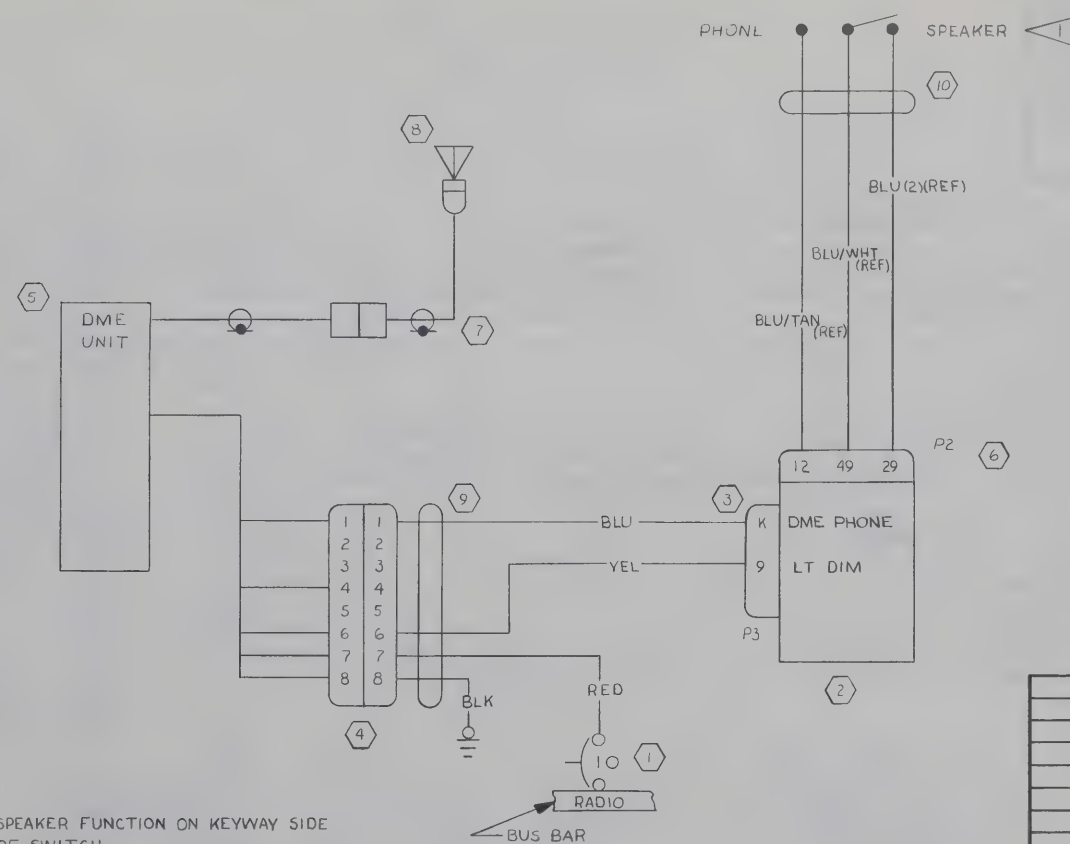


DETAIL A
(3RD INSTL)
(BLU/TAN WIRES TO BE
CAPPED ON 3RD INSTL)

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
NAME		DATE	Cessna AIRCRAFT CO.
DESIGN	G WOOD	10-6-69	TITLE
GROUP	H. W. Wied	10-9-69	WIRING DIAGRAM-
DRAWN	HONORAK	0-1-69	CESSNA 300 HF
CHECK	HARRIS	10-1-69	
STRESS			
PROJECT	H. M. Carter	10-9-69	SIZE
APPD	M. J. Aroney	10-4-69	CODE IDENT. NO.
			71379
			DWG NO.
			1270700
SCALE: NONE		Z10	PAGE: 2.13.3

REVISION			
LET	DESCRIPTION	DATE	APPD



NOTES:

1 SPEAKER FUNCTION ON KEYWAY SIDE OF SWITCH

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	DML UNIT	3.6
4	030-2043-00	CONNECTOR	2.15
3	S-1838-3	HOUSING	2.15
2	0570084-1	JUCTION BOX	7.7
1	S-1360-10	CKT BKR	3.6

ITEM NO.	PART NO.	DESCRIPTION	PAGE

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

SUPERSEDES:

SUPERSEDED BY:

VEL	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	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

WIRE TABLE

CONTRACT NO:		
NAME	DATE	
DESIGN	G. WOOD	10-6-69
GROUP	H. W. L.	10-9-69
DRAWN	J. D. RAINES	9/29/69
CHECK	HARRIS	10-1-69
STRESS		
PROJ	H. M. Carter	10-9-69
APPD	M. C. W. W.	10-1-69
OTHER		

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

TITLE
WIRING DIAGRAM —
CESSNA 300 DME-

SIZE
C

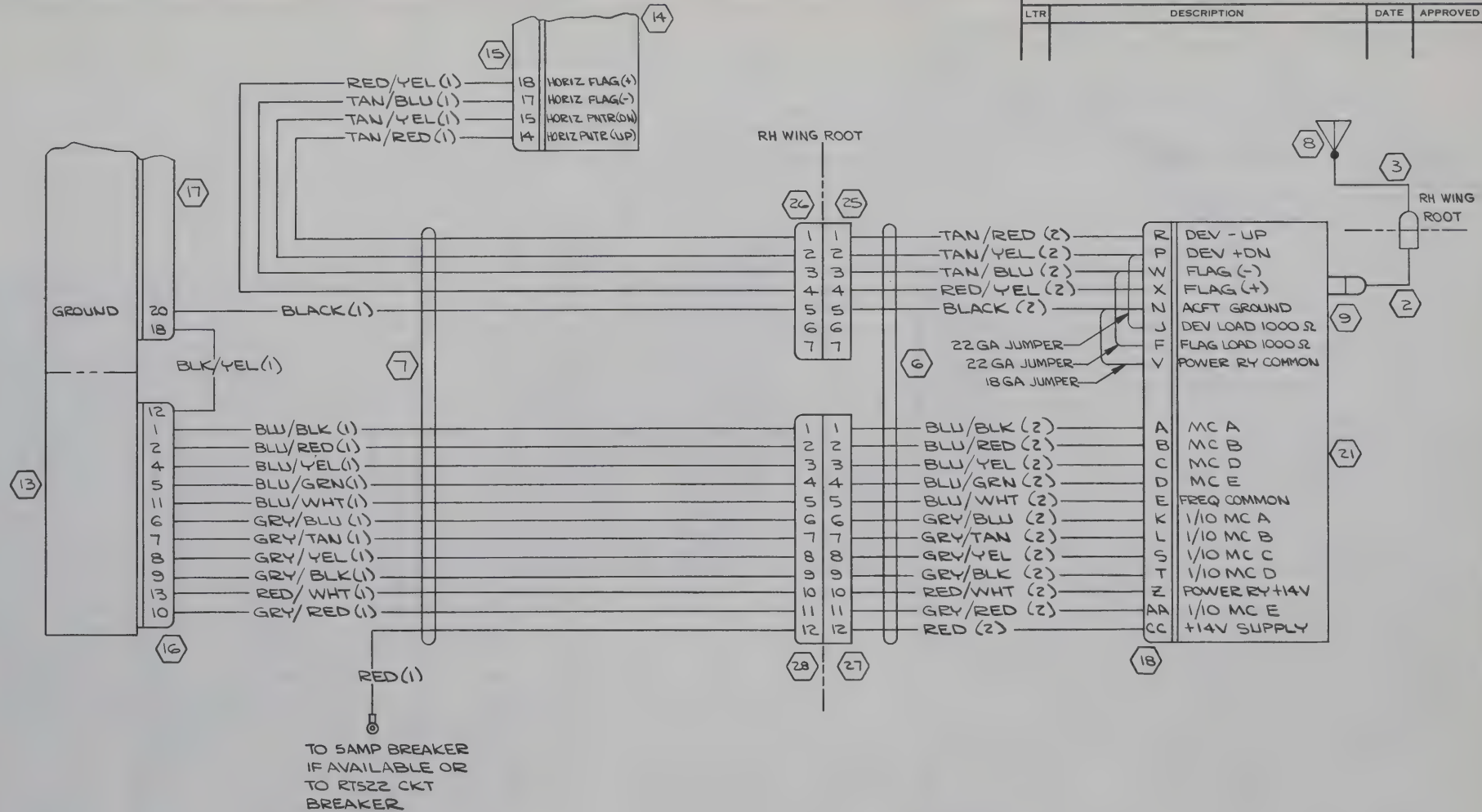
CODE IDENT. NO.
71379

DWG NO
1270700

SCALE: NONE 210 PAGE: 2, 15, 1

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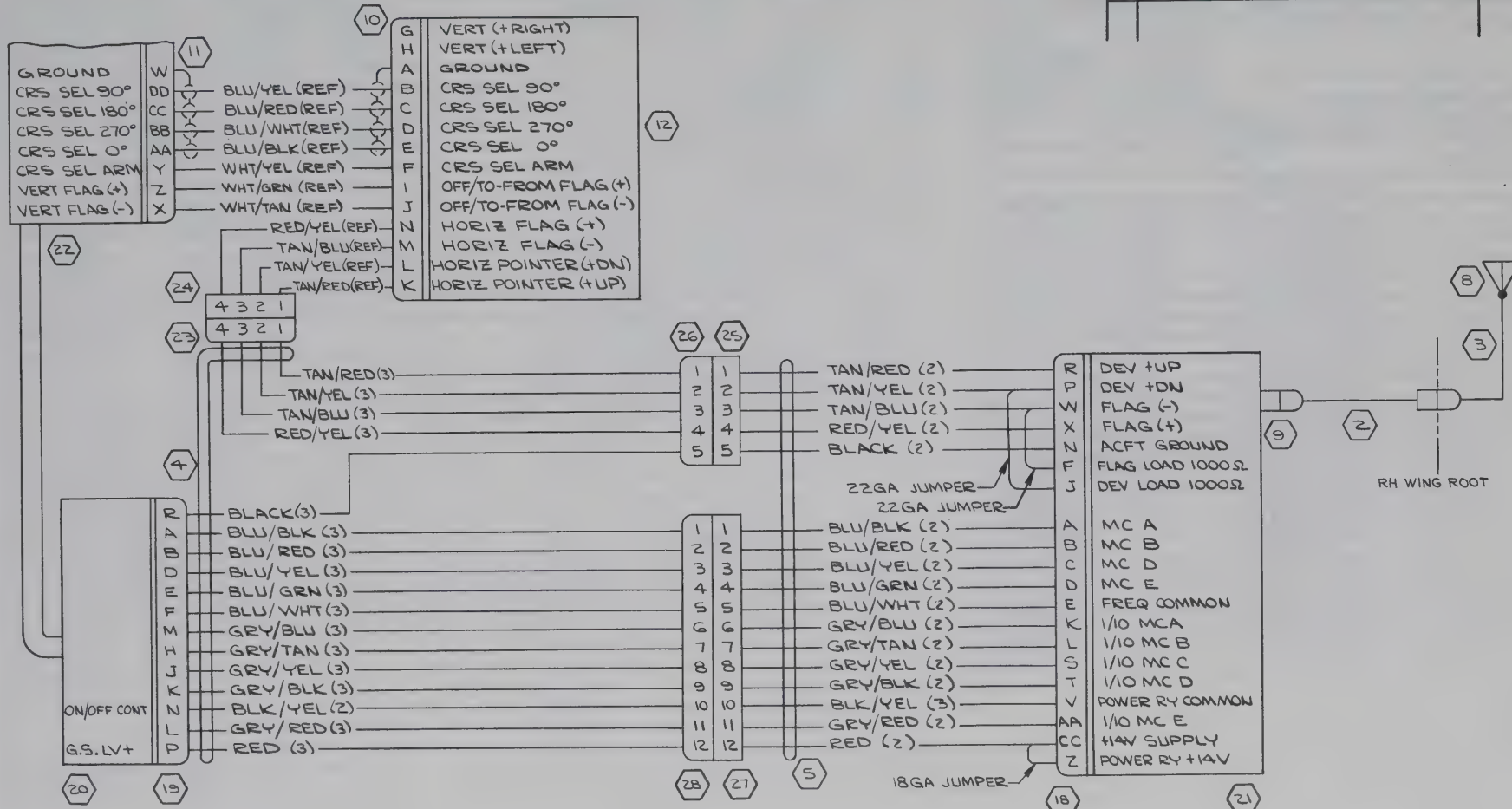
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



TO SAMP BREAKER
IF AVAILABLE OR
TO RTS22 CKT
BREAKER

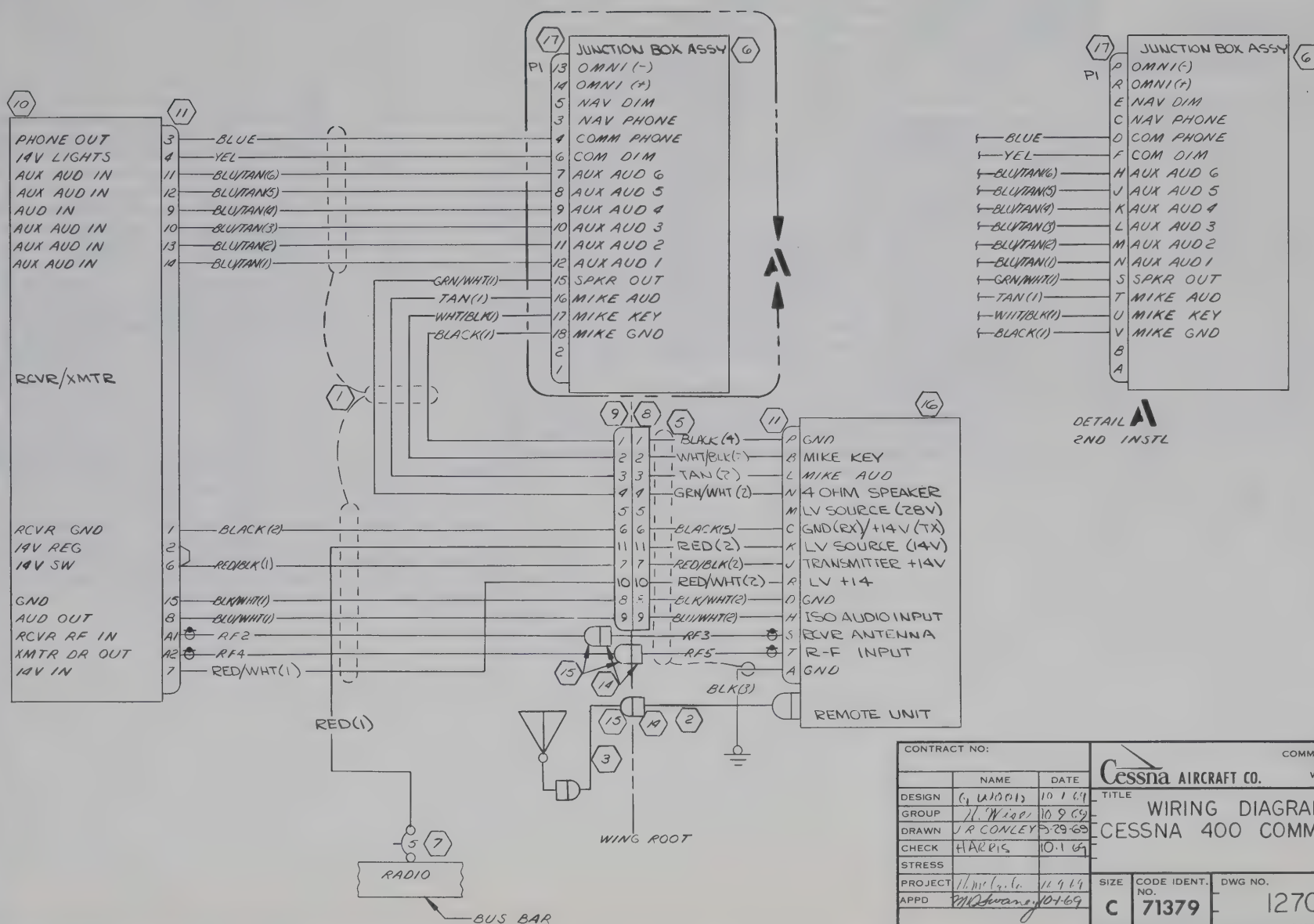
CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
NAME	DATE	Cessna AIRCRAFT CO.	
DESIGN	10-6-69	TITLE	
GROUP	10-2-69	WIRING DIAGRAM - CESSNA 400	
DRAWN	10-29-69	GLIDESLOPE FOR USE WITH CESSNA	
CHECK	10-1-69	400 NAV/COMM (ARC TYPE R-543B)	
STRESS			
PROJECT	10-7-69	SIZE	CODE IDENT. NO.
APPD	10-1-69	C	71379
		DWG NO.	1270700
		SCALE: NONE	210
		PAGE: 2-18-2	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
Cessna AIRCRAFT CO.			TITLE		
DESIGN	NAME	DATE	WIRING DIAGRAM-CESSNA 400		
GROUP	HOVORAK	10-6-69	GLIDESLOPE FOR USE WITH CESSNA		
DRAWN	HARRIS	10-1-69	300 NAV/COMM (ARC TYPE R-543B)		
CHECK	STRESS				
PROJECT	APPD		SIZE	CODE IDENT. NO.	DWG NO.
			C	71379	1270700
SCALE: NONE			210		PAGE: 2.18.3

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	SEE PAGE 2.19.1 FOR REVISIONS		



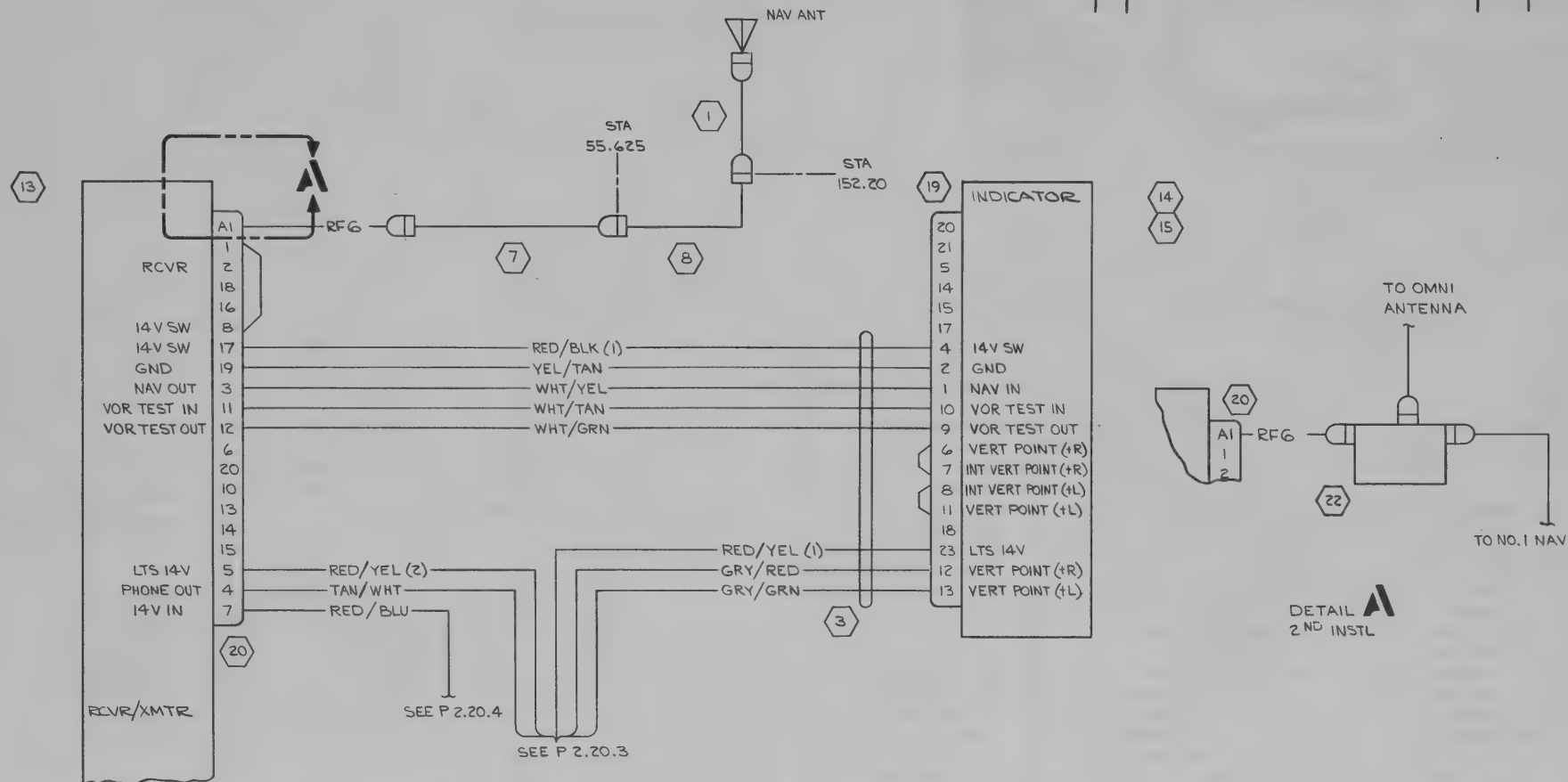
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	11. W. 10.1	10.1.69	TITLE		
DRAWN	J. R. CONLEY	10.9.69	WIRING DIAGRAM-		
CHECK	HARRIS	10.1.69	CESSNA 400 COMM		
STRESS					
PROJECT	11.11.1.6. 11.9.69		SIZE	CODE IDENT. NO.	DWG NO.
APPD	PH. D. D. 10.1.69		C	71379	1270700
			SCALE: NONE	210	PAGE: 2/92

RED (1)	18	-18-2	S-1367-1-6	S-1963-1	
BLU/WHT (1)	22	-22-6-9	SOLDER	S-1963-1	
BLK/WHT (1)	18	-18-0-9	SOLDER	S-1963-1	
RED/BLK (2)	18	-18-2-0	SOLDER	S-1963-1	
RFG		RG-58A/U	SOLDER	2-331350-1	
BLACK (2)	18	-18-0	SOLDER	S-1963-1	
RF 5		RG-58A/U	1-331693-1	SOLDER	
RF 4		RG-58A/U	SOLDER	2-331350-1	
RF 3		RG-58A/U	1-331693-1	SOLDER	
RF 2		RG-58A/U	SOLDER	2-331350-1	
RED/WHT (1)	18	-18-2-9	SOLDER	S-1963-1	
BLACK (1)	16	-16-0	S-1837-1	S-1963-1	
WHT/BLK (1)	22	-22-9-0	S-1837-1	S-1963-1	
TAN (1)	22	-22-10	S-1837-1	S-1963-1	
GRN/WHT (1)	22	-22-5-9	S-1837-1	S-1963-1	
RED/BLU	18	-18-2-6	SOLDER	S-1367-1-6	
WIRE GA	GA	MATERIAL	LG	TERMINALS	SERIALS

FORM NO. 80-215B

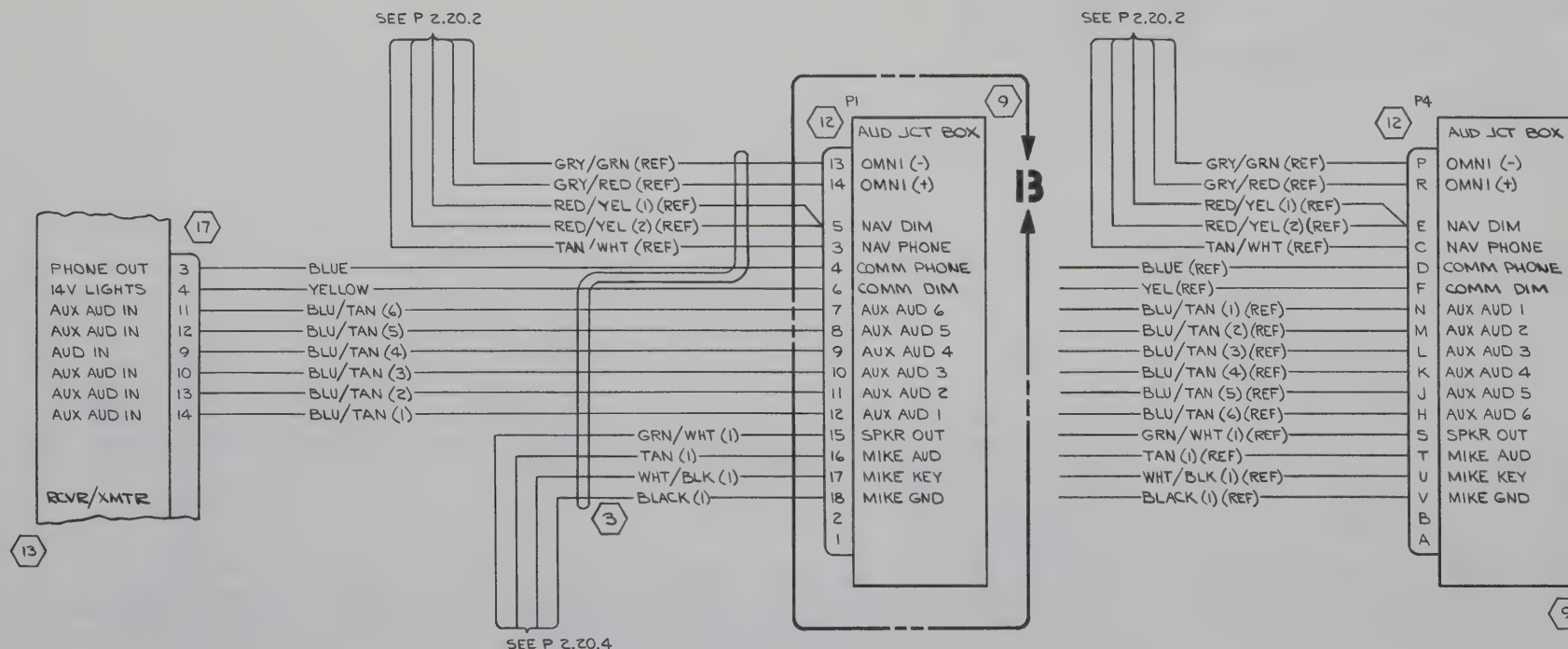
(SR6031) IX ED#RR 10644, 643, 642

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP			TITLE		
DRAWN			WIRING DIAGRAM —		
CHECK			CESSNA 400 NAV/COMM		
STRESS					
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270700
			SCALE: NONE	Z10	PAGE: 2.20.2

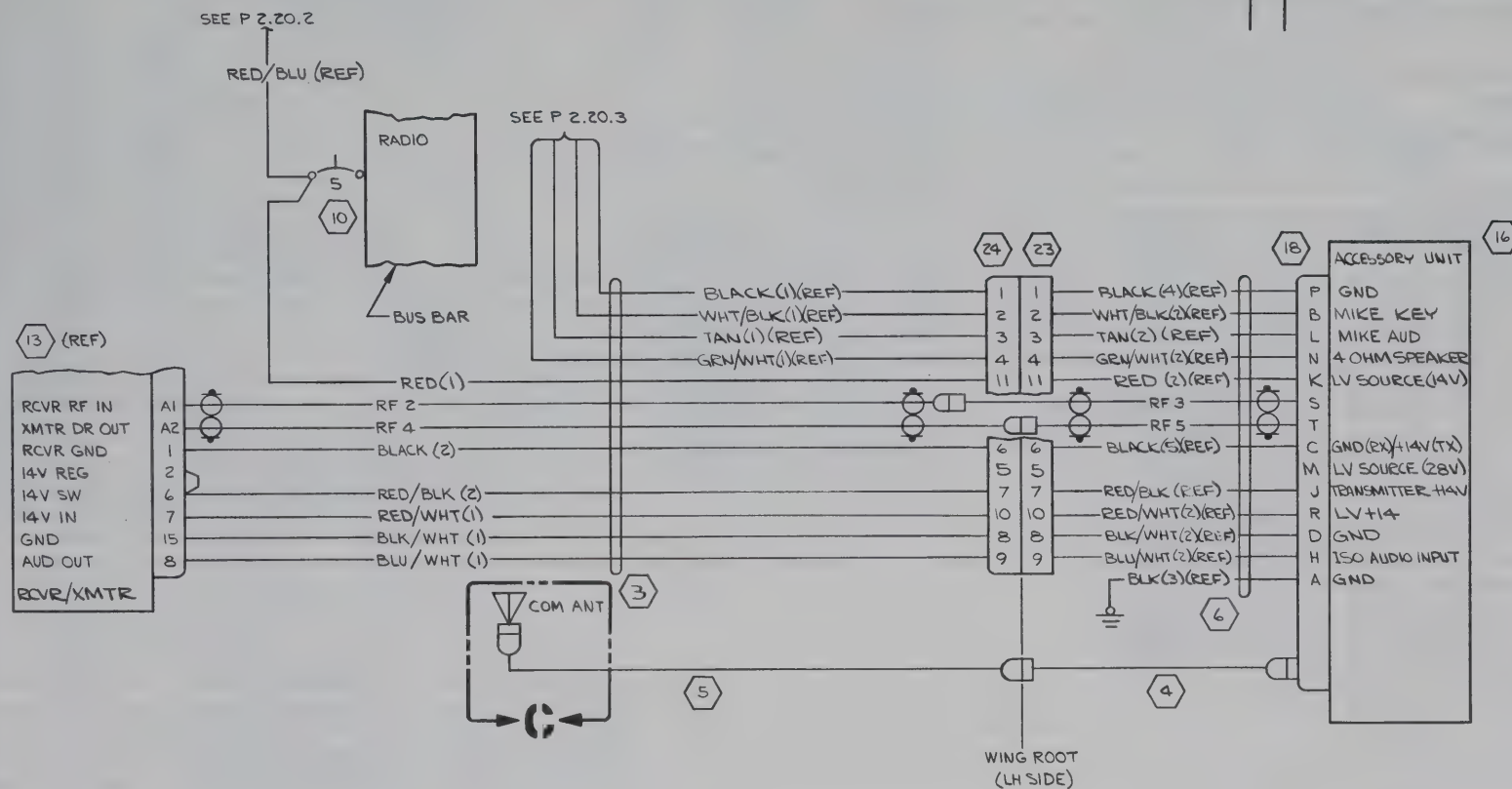
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



DETAIL 13
2ND INSTL

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP			TITLE		
DRAWN			WIRING DIAGRAM -		
CHECK			CESSNA 400 NAV/COMM		
STRESS					
PROJECT			SIZE	CODE IDENT.	DWG NO.
APPD			C	71379	1270700
			SCALE: NONE	210	PAGE: 2.20.3

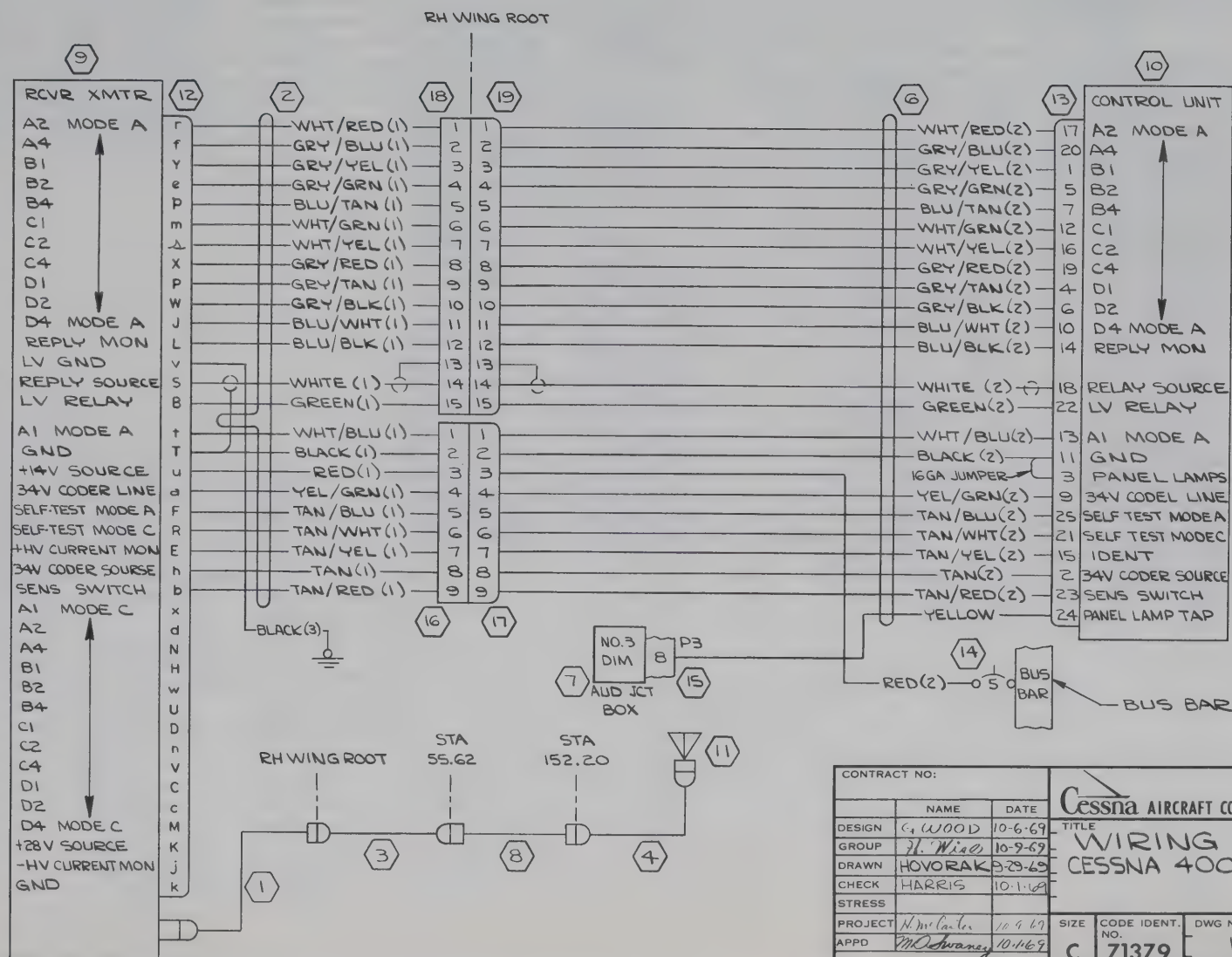
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



DETAIL C
2ND INSTL

CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			
DESIGN	NAME	DATE	Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM — CESSNA 400 NAV/COMM		
GROUP					
DRAWN					
CHECK					
STRESS					
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270700
SCALE: NONE			210	PAGE: 2.20.4	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	C. WOOD	10-6-69	Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM- CESSNA 400 TRANSPONDER		
GROUP	J. L. WOOD	10-9-69			
DRAWN	HOVORAK	10-29-69			
CHECK	HARRIS	10-1-69			
STRESS					
PROJECT	H. M. Carter	10-9-69	SIZE	CODE IDENT.	DWG NO.
APPD	M. D. Swaney	10-11-69	C	71379	1270700
SCALE: NONE			210		PAGE: 2.22.2

REVISION			
LET	DESCRIPTION	DATE	APPD

YEL (2)	18	-18-4	SOLDER	SOLDER		
YEL (1)	18	-18-4	SOLDER	S-1837-1		
WHT/YEL (2)	22	-22-9-4	S-1963-2	SOLDER		
WHT/YEL (1)	22	-22-9-4	SOLDER	S-1963-1		
WHT/TAN (2)	22	-22-9-10	S-1963-2	SOLDER		
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/BLK (2)	22	-22-9-0	S-1963-2	SOLDER		
WHT/BLK (1)	22	-22-9-0	S-1837-1	S-1963-1		
WHT/BLU (4)	22	-22-9-6	S-1963-2	SOLDER		
WHT/BLU (3)	22	-22-9-6	S-1837-1	S-1963-1		
WHT/BLU (2)	22	-22-9-6	S-1963-2	SOLDER		
WHT/BW (1)	22	-22-9-6	SOLDER	S-1963-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

30	S-1838-2	HOUSING	2.24.0
29	VOA-40	INDICATOR	3.14
28	1773-100	CONN KIT ASSY	2.24.0
27	K41116-1	CONNECTOR	2.24.0
26	41117-1	CONNECTOR	
25	41116-1	CONNECTOR	
24	-263	CABLE ASSY	2.1
23	-250	CABLE ASSY	2.1
22	1270705-3	CABLE ASSY	
21	-200	CABLE ASSY	2.1
20	1270012-1	ANTENNA-NAV	6.3
19	S-1960-2-0	HOUSING-CAP	2.24.0
18	S-1960-1-0	HOUSING-PLUG	2.24.0
17	-265	CABLE ASSY	2.24.0
16	T-12MP-12A-1	PWR AUDIO UNIT	4.7
15	K41271-1	PLUG	2.24.0
14	K41182-2	CAP	2.24.0
13	0570084-1	JCT BOX ASSY	7.7
12	S-1961-2-4	HOUSING-CAP	2.24.0
11	S-1961-1-4	HOUSING-PLUG	2.24.0
10	S-1360-15	CIRCUIT BREAKER	3.14
9	-266	CABLE ASSY	2.24.0
8	K41182-2	CAP	2.24.0
7	K41271-1	PLUG	2.24.0
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
ITEM NO.	PART NO.	DESCRIPTION	PAGE

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

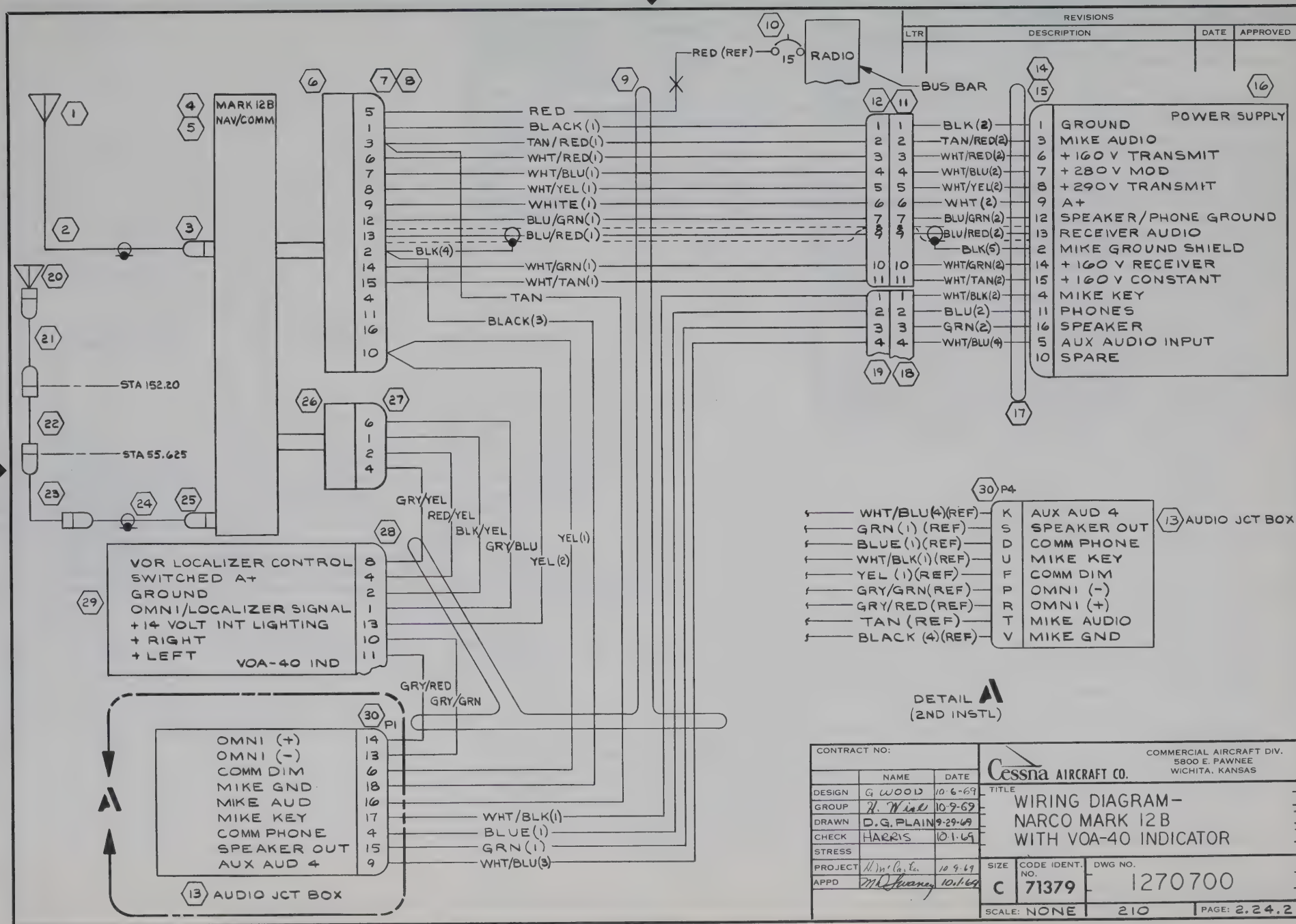
SUPERSEDES:

SUPERSEDED BY:

WHITE (2)	14	-14-9	S-1963-2	SOLDER		
WHITE (1)	14	-14-9	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	22	-22-10	SOLDER	S-1837-1		
RED/YEL	22	-22-2-4	SOLDER	SOLDER		
RED	16	-16-2	SOLDER	S-1370-2		
GRY/YEL	22	-22-8-4	SOLDER	SOLDER		
GRY/RED	22	-22-8-2	SOLDER	S-1837-1		
GRY/GRN	22	-22-8-5	SOLDER	S-1837-1		
GRY/BLU	22	-22-8-6	SOLDER	SOLDER		
GRN (2)	20	-20-5	S-1963-2	SOLDER		
GRN (1)	20	-20-5	S-1837-1	S-1963-1		
BLU/RED (2)	225	-22-6-2	S-1963-2	SOLDER		
BLU/RED (1)	225	-22-6-2	SOLDER	S-1963-1		
BLU/GRN (2)	22	-22-6-5	S-1963-2	SOLDER		
BLU/GRN (1)	22	-22-6-5	SOLDER	S-1963-1		
BLUE (2)	22	-22-6	S-1963-2	SOLDER		
BLUE (1)	22	-22-	S-1837-1	S-1963-1		
BLK/YEL	22	-22-0-4	SOLDER	SOLDER		
BLACK (5)	22	-22-0	SOLDER	SOLDER		
BLACK (4)	22	-22-0	SOLDER	SOLDER		
BLACK (3)	16	-16-0	SOLDER	S-1837-1		
BLACK (2)	16	-16-0	SOLDER	S-1963-2		
BLACK (1)	16	-16-0	SOLDER	S-1963-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			
DESIGN	NAME	DATE	Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM — NARCO MARK 12B WITH VOA-40 INDICATOR			
GROUP	H. Wier	10 9 69				
DRAWN	D.G. PLAIN	9 29 69				
CHECK	HARRIS	10 1 69				
STRESS			SIZE	CODE IDENT. NO.	DWG NO	
PROJ	M. H. Co. Co.	10 9 69	C	71379	1270700	
APPD	M. H. Co. Co.	10 1 69	SCALE: NONE 210 PAGE: 2.24.1			
OTHER						

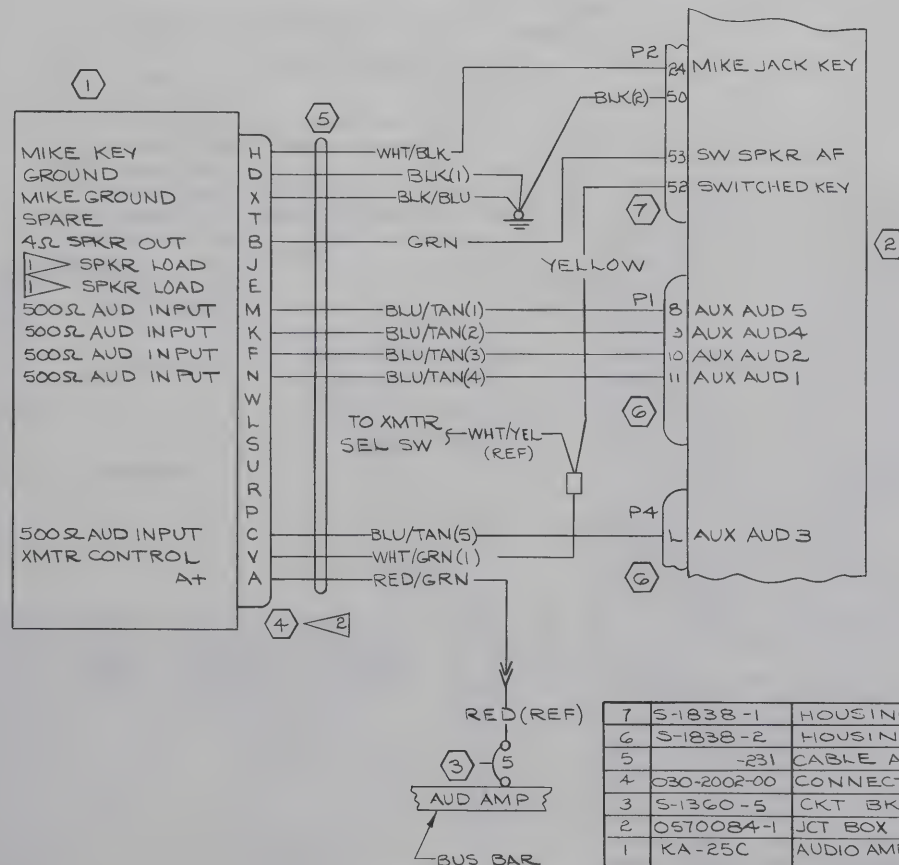


NOTES:

1 THESE CIRCUITS PROVIDE A 4Ω, 5 WATT
SPEAKER LOAD WHEN REQD BY THE RADIO INSTL

2 CONNECTOR IS FURNISHED WITH KA-25C

REVISION			
LET	DESCRIPTION	DATE	APPD



WHT/GRN(2)	22	-22-9-5	S-1837-1	WHT/YEL	
BLU/TAN(3)	22	-22-6-10	S-1837-1	SW PWR	
BLU/TAN(4)	22	-22-6-10			
BLU/TAN(5)	22	-22-6-10			
BLU/TAN(2)	22	-22-6-10			
BLU/TAN(1)	22	-22-6-10	S-1837-1	SOLDER	
YEL	22	-22-9-4	S-1370-1	SOLDER	
WHT/GRN(1)	22	-22-9-5	SOLDER	S-1370-1	
BLK/BLU	22	-22-0-6	S-1367-1-6	SOLDER	
WHT/BLK	22	-22-9-0	S-1837-1	SOLDER	
GRN	20	-20-5	S-1837-1	SOLDER	
BLK(2)	18	-18-0	S-1367-1-6	S-1367-1-6	
BLK(1)	18	-18-0	S-1367-1-6	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

7	S-1838-1	HOUSING	
6	S-1838-2	HOUSING	
5	-231	CABLE ASSY	
4	O30-2002-00	CONNECTOR	
3	S-1360-5	CKT BKR	
2	O570084-1	JCT BOX ASSY	7.7
1	KA-25C	AUDIO AMPLIFIER	7.8
ITEM NO.	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:

CONTRACT NO:

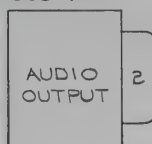
DESIGN	NAME	DATE
G. WOOD		10-6-69
GROUP	NAME	DATE
H. W. 100		10-9-69
DRAWN	NAME	DATE
W. J. STRAUD		9-25-69
CHECK	NAME	DATE
HARRIS		10-1-69
STRESS	NAME	DATE
PROJ	NAME	DATE
H. M. Carter		10-9-69
APPD	NAME	DATE
M. J. Swaney		10-1-69
OTHER	NAME	DATE

WIRE TABLE

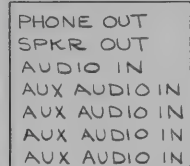
 CESSNA AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE		WIRING DIAGRAM — ISOLATION AMPLIFIER KING KA-25C	

SIZE	CODE IDENT. NO.	DWG NO
C	71379	1270700
SCALE: NONE	Z10	PAGE: 2.25.1

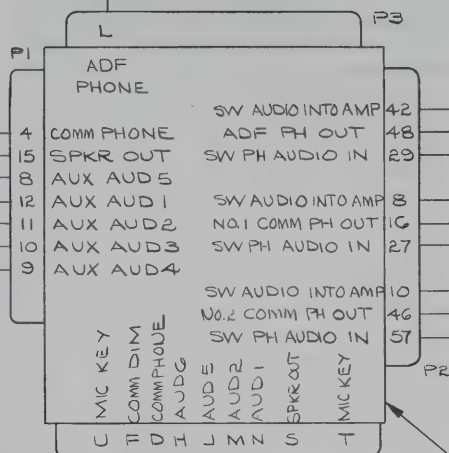
300 ADF



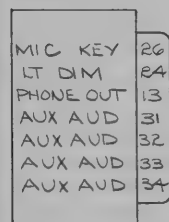
300 NAV/COMM & COMM



C BLU
H GRN/WHT
R BLU/TAN
D BLU/TAN
U BLU/TAN
N BLU/TAN
T BLU/TAN



300 HF



26 WHT/BLK
24 YEL
13 BLU
31 BLU/TAN
32 BLU/TAN
33 BLU/TAN
34 BLU/TAN

300 HF PWR SUPPLY
MODULATOR

GREEN

TAN

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 2, 5, 2 FOR TRANSMITTER SELECTOR SWITCH WIRING

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

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE
DECIMALS ANGLES
±.003 ±.010 MACH ±.030 ±.125
FOR HOLES, CSINKS, ETC., SEE CES 1012
FOR BASIC CODES SEE NAS 523

BU-M520470AD BB-M520426AD

SUPERSEDES:

SUPERSEDED BY:

CONTRACT NO:

DESIGN

GROUP

DRAWN

CHECK

STRESS

PROJECT

APPD

EFFECTIVE SERIALS

PAGE

PART NUMBER

DESCRIPTION

LIST OF MATERIAL

Cessna AIRCRAFT CO.

COMMERCIAL AIRCRAFT DIV.
5900 E. PAWNEE
WICHITA, KANSAS

TITLE
WIRING DIAGRAM-
TYPICAL SWITCHING
ADF, 300 HF & 300 COMM

SIZE
C

CODE IDENT.
NO.
71379

1270700

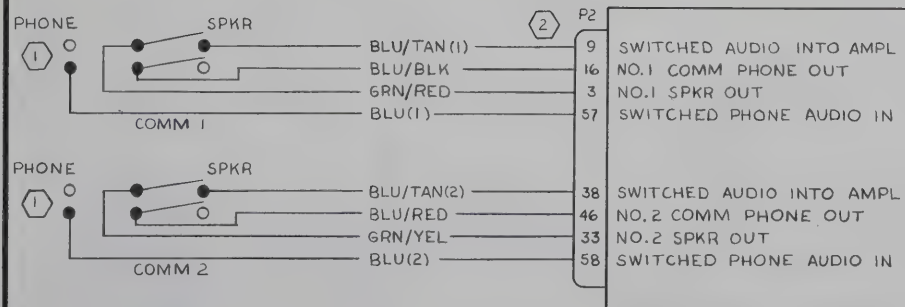
SCALE: NONE

210

PAGE: 226

(CR 6031) IX

REVISION			
LET	DESCRIPTION	DATE	APPD



3

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(2)	22	-22-6-10			
BLU/TAN(1)	22	-22-6-10	S-1837-1	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

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

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

SUPERSEDES:

SUPERSEDED BY:

CONTRACT NO:

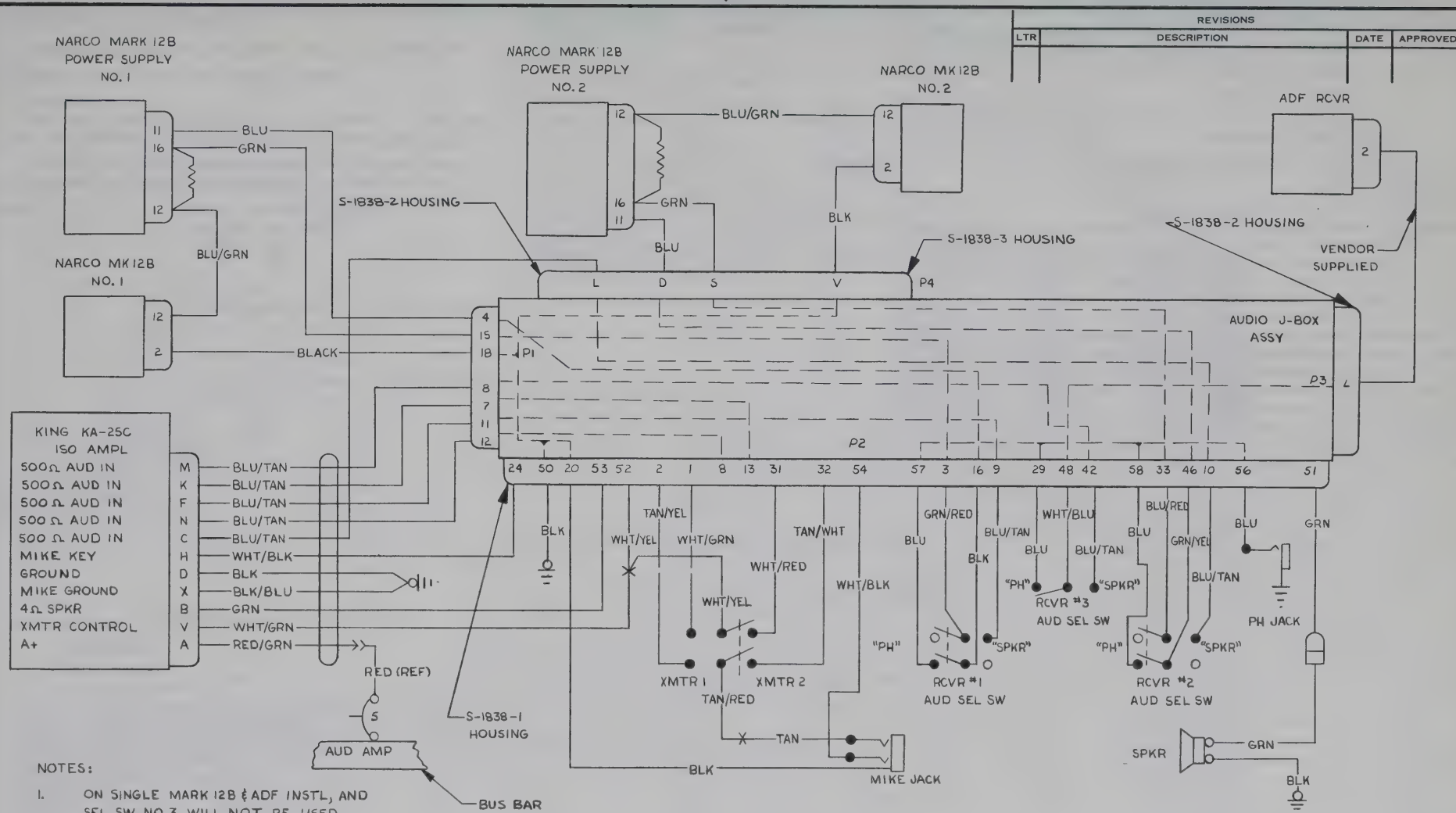
NAME	DATE
DESIGN G. WOOD	10-6-69
GROUP H. WISE	10-9-69
DRAWN J. D. RAINES	8/29/69
CHECK HAERIS	10-1-69
STRESS	
PROJ N. J. G. L.	10-9-69
APPD M. J. G. L.	10-1-69
OTHER	

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

TITLE
**WIRING DIAGRAM —
AUDIO SELECTOR SWITCH,
NARCO MK 12B**

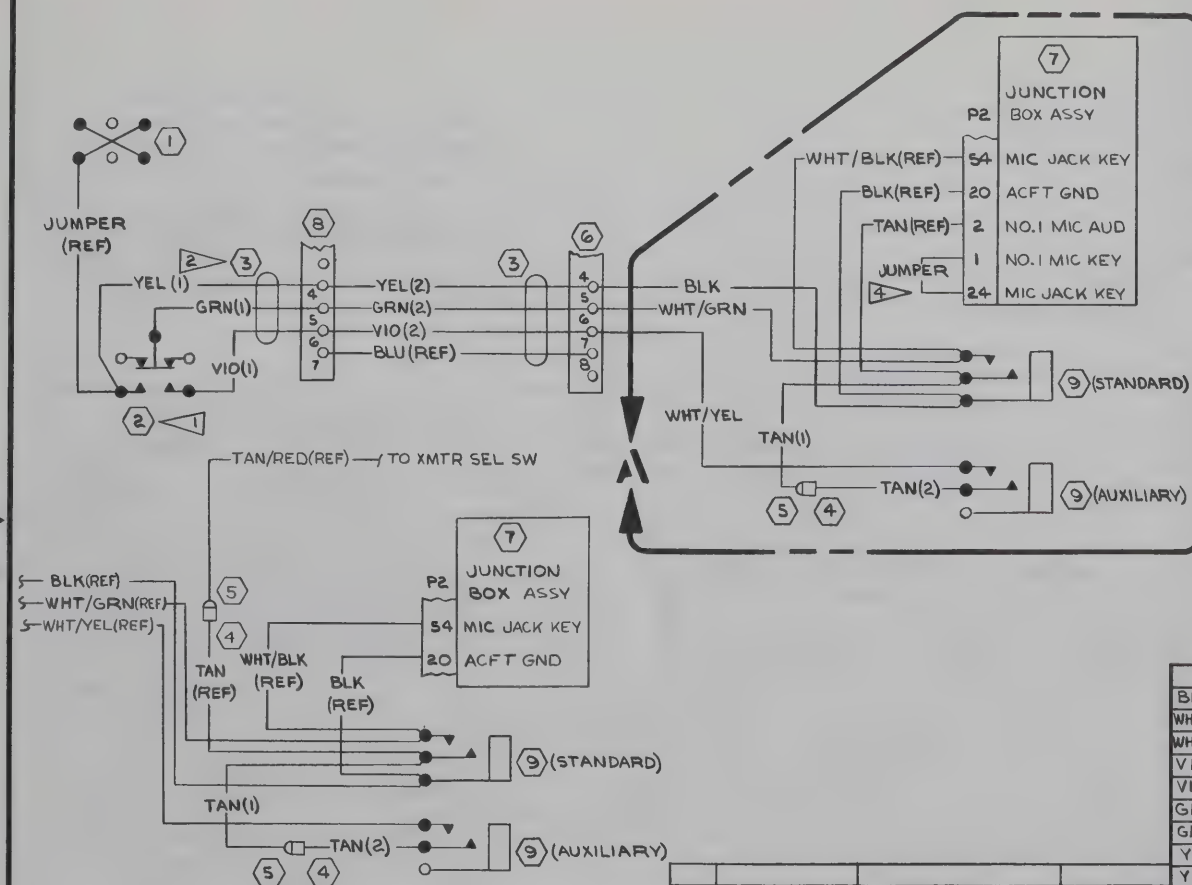
SIZE C CODE IDENT. NO. 71379 DWG NO. 1270700

SCALE: NONE 210 PAGE: 2,27,1



CONTRACT NO:			Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE			
GROUP	H. WOOD	10-6-69	WIRING DIAGRAM—			
DRAWN	J.D. RAINES	10-1-69	TYPICAL SWITCHING,			
CHECK	HARRIS	10-1-69	NARCO MARK 12B & ADF			
STRESS						
PROJECT	M. McClinton	10-9-69	SIZE	CODE IDENT. NO.	DWG NO.	
APPD	M. McClinton	10-1-69	C	71379	1270700	
SCALE: NONE			210		PAGE: 2.29	

REVISION			
LET	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 CABLE BEFORE INSTALLING IN CONTROL WHEEL
- 3 PART OF SF-1030-BX (08261) CABLE
- 4 JUMPER REQUIRED FOR SINGLE UNIT INSTALLATION
- 5 329636 (00779) TERMINAL

9	S-1102-1	MIKE JACK	
8	351-11-07-001	TERMINAL BLOCK	(71785)
7	0570084-1	JUNCTION BOX ASSY	
6	351-11-08-001	TERMINAL BLOCK	(71785)
5	S-1637-1	HOUSING-CAP	
4	S-1637-2	HOUSING-PLUG	
3	SF-1030-BX	CABLE	(08261)
2	S-1985-1	SWITCH	
1	S-2030-1	SWITCH	(81579)

ITEM NO.	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:

SUPERSEDED BY:

BLK	22	-22-0		S	SOLDER
WHT/YEL	22	-22-9-4		S	SOLDER
WHT/GRN	22	-22-9-5		S	SOLDER
VIO(2)		3		S	SOLDER
VIO(1)		3		S	SOLDER
GRN(2)		3		S	SOLDER
GRN(1)		3		S	SOLDER
YEL(2)		3		S	SOLDER
YEL(1)		3		S	SOLDER
TAN(2)	22	-22-10		S-1636-1	SOLDER
TAN(1)	22	-22-10		SOLDER	S-1635-1
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:			Cessna AIRCRAFT CO.		
DESIGN	NAME	DATE	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
GROUP	11. W/100	10-6-69	TITLE		
DRAWN	MARIO	9/29/69	WIRING DIAGRAM -		
CHECK	HARRIS	10-1-69	MICROPHONE SWITCH,		
STRESS			CONTROL WHEEL		
PROJ	11. W/100	10-9-69	SIZE	CODE IDENT.	DWG NO
APPD	M. W. W. W.	10-1-69	C	71379	1270700
OTHER			SCALE: NONE	210	PAGE: 2.33

REVISION			
LET	DESCRIPTION	DATE	APPD

				TAN/WHT	22	-22-10-9	SOLDER	S-1635-1		
				TAN/RED(2)	22	-22-10-2	S-1963-2	SOLDER		
				TAN/RED(1)	22	-22-10-2	SOLDER	S-1963-1		
								S-1635-1		
31	S-1640-6	HOUSING-PIN	2.34.0	TAN/BLU	22	-22-10-6			S-1837-1	
30	0570084-1	JCT BOX ASSY	7.7	TAN	22	-22-10			SOLDER	
29	S-1838-2	HOUSING	2.34.0	RED/YEL	22	-22-2-4			S-1370-2	
28	VOA-50M	INDICATOR	3.16	RED	16	-16-2			SOLDER	
27	1773-100	CONN KIT ASSY	2.34.0	GRY/YEL	22	-22-8-4			S-1837-1	
26	K41116-1	CONNECTOR	2.34.0	GRY/RED	22	-22-8-2				
25	41117-1	CONNECTOR		GRY/GRN	22	-22-8-5				
24	41116-1	CONNECTOR		GRY/BLU	22	-22-8-6	SOLDER	SOLDER		
23	-263	CABLE ASSY	2.1	GRN(2)	20	-20-5	S-1963-2	SOLDER		
22	-250	CABLE ASSY	2.1	GRN (1)	20	-20-5	S-1837-1	S-1963-1		
21	1270705-3	CABLE ASSY		BLU/RED(2)	22S	-22-6-2	S-1963-2	SOLDER		
20	-200	CABLE ASSY	2.1	BLU/RED(1)	22S	-22-6-2	SOLDER	S-1963-1		
19	1270012-1	ANTENNA-NAV	6.3	BLU/GRN(2)	22	-22-6-5	S-1963-1	SOLDER		
18	S-1960-2-0	HOUSING, CAP	2.34.0	BLU/GRN(1)	22	-22-6-5	SOLDER	S-1963-1		
17	S-1960-1-0	HOUSING, PLUG	2.34.0	BLUE (2)	22	-22-6	S-1963-2	SOLDER		
16	UGR-2	GLIDESLOPE RCVR	4.8	BLUE (1)	22	-22-6	S-1837-1	S-1963-1		
15	41291-101	CONNECTOR	2.36.0	BLK/YEL(2)	22	-22-0-4	SOLDER	SOLDER		
14	T-12MP-12A-1	PWR AUDIO UNIT	4.7	BLK/YEL(1)	22	-22-0-4	SOLDER	S-1635-1		
13	-265	CABLE ASSY	2.34.0	BLACK (6)	22	-22-0	S-1635-1	S-1635-1		
12	S-1961-1-4	HOUSING-PLUG	2.34.0	BLACK (5)	22	-22-0	SOLDER	S-1837-1		
11	S-1961-2-4	HOUSING-CAP	2.34.0	BLACK (4)	22	-22-0	SOLDER	SOLDER		
10	-267	CABLE ASSY	2.34.0	BLACK (3)	22	-22-0	SOLDER	SOLDER		
9	S-1360-15	CIRCUIT BREAKER	3.16	BLACK (2)	16	-16-0	S-1963-2	SOLDER		
8	K41182-2	CAP	2.34.0	BLACK (1)	16	-16-0	SOLDER	S-1963-1		
7	K41271-1	PLUG	2.34.0	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	
6	41181-3	CONNECTOR								
5	MARK 12B	NAV/COMM(360CHAN)	3.16							
4	S-1641-6	HOUSING	2.35.0							
3	41130-2	CONNECTOR								
2	-202	CABLE ASSY-ANT.	2.3							
1	C59B501-0102	ANTENNA-COMM	6.1							

YEL(2)	18	-18-4	SOLDER	SOLDER		
YEL (1)	18	-18-4	SOLDER	S-1837-1		
WHT/YEL (2)	22	-22-9-4	S-1963-2	SOLDER		
WHT/YEL (1)	22	-22-9-4	SOLDER	S-1963-1		
WHT/TAN(2)	22	-22-9-10	S-1963-2	SOLDER		
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/BLK(2)	22	-22-9-0	S-1963-2	SOLDER		
WHT/BLK (1)	22	-22-9-0	S-1837-1	S-1963-1		
WHT/BLU(4)	22	-22-9-6	S-1963-2	SOLDER		
WHT/BLU(3)	22	-22-9-6	S-1837-1	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		
WHITE(2)	14	-14-9	S-1963-2	SOLDER		
WHITE(1)	14	-14-9	SOLDER	S-1963-1		
TAN/YEL	22	-22-10-4	SOLDER	S-1635-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

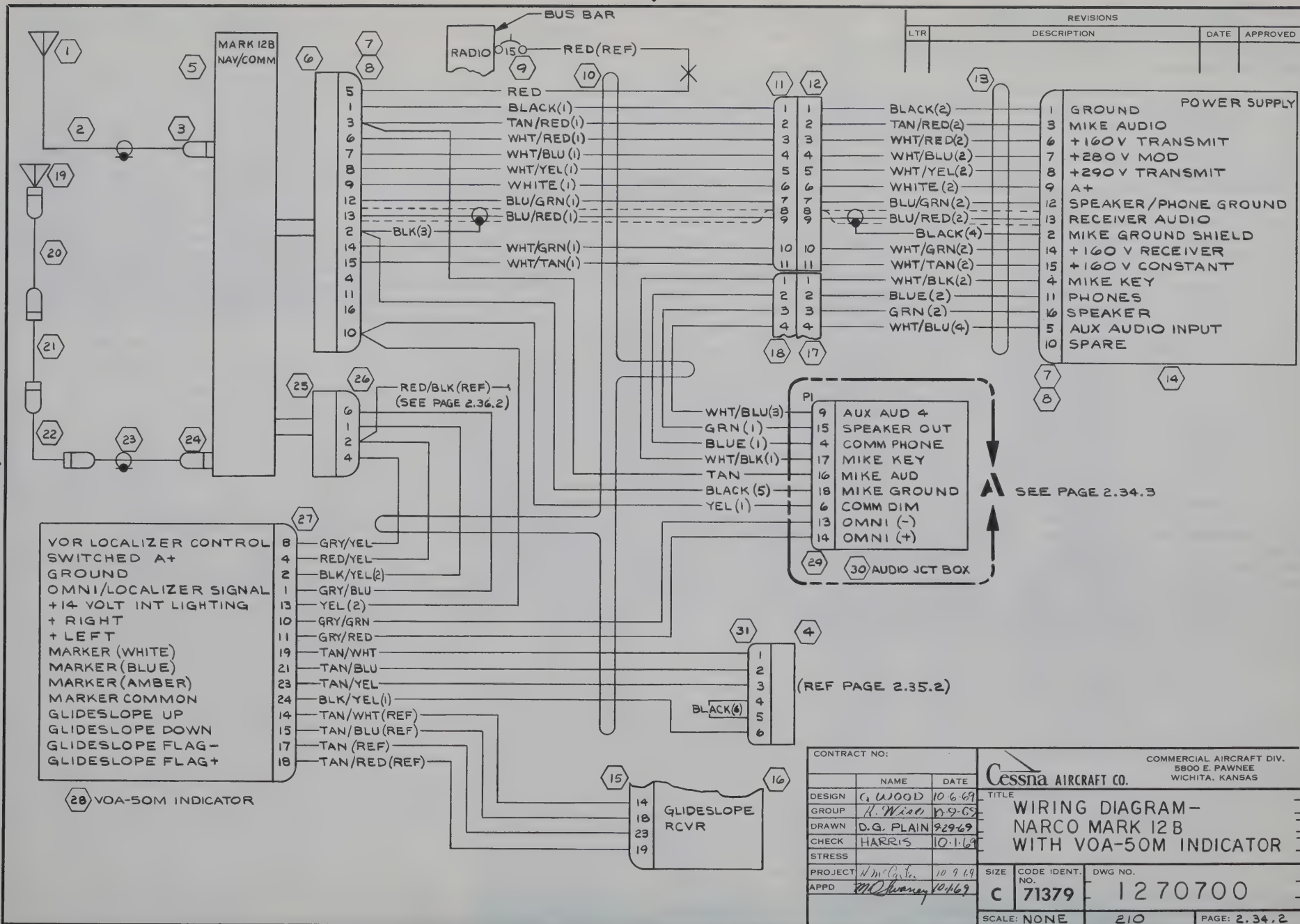


ITEM NO.	PART NO.	DESCRIPTION	PAGE
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CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.		SUPERSEDES:
		SUPERSEDED BY:

CONTRACT NO:			Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	G WOOD	10-6-69	TITLE WIRING DIAGRAM -	
GROUP	H. WOOD	10-9-69	NARCO MARK 12B WITH	
DRAWN	D.G. PLAIN	9-29-69	VOA-50M INDICATOR	
CHECK	HARRIS	10-1-69		
STRESS				
PROJ	S. H. G. G.	11-9-69	SIZE	CODE IDENT.
APPD	M. J. HANNEY	10-1-69	C	71379
OTHER			DWG NO	1270700
SCALE: NONE			210	PAGE: 2.34.1

ED+RR 10720 (SR 6031) IX



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

9	AUX AUD 4
15	SPEAKER OUT
4	COMM PHONE
17	MIKE KEY
16	MIKE AUD
18	MIKE GROUND
6	COMM DIM
13	OMNI (-)
14	OMNI (+)

(REF PAGE 2.35.2)

SEE PAGE 2.34.3

CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	C. WOOD	DATE	10-6-69
GROUP	R. WOOD	DATE	10-9-69
DRAWN	D.G. PLAIN	DATE	9-29-69
CHECK	HARRIS	DATE	10-1-69
PROJECT	Wm C. J. Jr.	DATE	10-9-69
APPD	Wm C. J. Jr.	DATE	10-1-69
TITLE		SIZE	CODE IDENT. NO.
WIRING DIAGRAM- NARCO MARK 12B WITH VOA-50M INDICATOR		C	71379
SCALE: NONE		DWG NO. 1270700	
PAGE: 2.34.2		PAGE: 2.34.2	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

29	P4	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
		GRY/GRN (REF)	P	OMNI (-)
		GRY/RED (REF)	R	OMNI (+)

30 AUDIO JCT BOX

DETAIL A
(2ND INSTL)

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	G 11001	DATE	10 6 69	TITLE	
GROUP	H. Wain	DATE	10 2-69	WIRING DIAGRAM-	
DRAWN	D.G. PLAIN	DATE	9-29-69	NARCO MARK 12B WITH	
CHECK	HARRIS	DATE	10-1-69	VOA-50M INDICATOR	
STRESS					
PROJECT	11.10.1.1.1	DATE	10 9 69	SIZE	CODE IDENT. NO.
APPD	M. L. Wain	DATE	10-1-69	C	71379
				DWG NO.	1270700
SCALE: NONE				210	PAGE: 2, 34, 3

REVISION			
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/BLU	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-1367-1-B		
BLACK(2)	22	-22-0	SOLDER	S-1367-1-B		
BLACK(1)	18	-18-0	SOLDER	S-1367-1-B		
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	2.5.0
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

ITEM NO.	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:

CONTRACT NO:

	NAME	DATE
DESIGN	C. WOOD	10-6-69
GROUP	H. Wiers	10-2-69
DRAWN	D.G. PLAIN	9-29-69
CHECK	HARRIS	10-1-69
STRESS		
PROJ	H. Wiers	10-9-69
APPD	M. L. Wiers	10-1-69
OTHER		

WIRE TABLE

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. NO.	DWG NO
C	71379	1270700
SCALE:	NONE	210
PAGE:	2, 35.1	

REVISION			
LET	DESCRIPTION	DATE	APPD

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	S-1963-2	SOLDER		
TAN/WHT(1)	22	-22-10-9	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/BLU(2)	22	-22-10-6	S-1963-2	SOLDER		
TAN/BLU(1)	22	-22-10-6	SOLDER	S-1963-1		
TAN(2)	22	-22-10	S-1963-2	SOLDER		
TAN(1)	22	-22-10	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		
BLU/WHT(2)	22	-22-6-9	S-1963-2	SOLDER		
BLU/WHT(1)	22	-22-6-9	SOLDER	S-1963-1		
BLU/RED(2)	22	-22-6-2	S-1963-2	SOLDER		
BLU/RED(1)	22	-22-6-2	SOLDER	S-1963-1		
BLU/GRN(2)	22	-22-6-5	S-1963-2	SOLDER		
BLU/GRN(1)	22	-22-6-5	SOLDER	S-1963-1		
BLU/BLK(2)	22	-22-6-0	S-1963-2	SOLDER		
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-1963-1		
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

19	K41116-1	CONNECTOR	2.34.0
18	MK 12B	NAV/COMM UNIT	3.16
17	MRA-145	PIGTAIL	2.36.0
16	41247-102	CONNECTOR	2.36.0
15	-271	CABLE ASSY	2.36.0
14	S-1961-1-2	HOUSING, PLUG	2.36.0
13	S-1961-2-2	HOUSING, CAP	2.36.0
12	VOA-50M	INDICATOR	3.16
11	1773-100	CONN KIT ASSY	2.34.0
10	S-1960-1-2	HOUSING, PLUG	2.36.0
9	S-1960-2-2	HOUSING, CAP	2.36.0
8	-269	CABLE ASSY	2.36.0
7	470Ω 1/4 W	RESISTOR	2.36.0
6	1KΩ 1/4 W	RESISTOR	2.36.0
5	41291-101	CONNECTOR	2.36.0
4	120009B-1	GLIDESLOPE ANT.	6.4
3	-224	CABLE ASSY	2.16
2	-251	CABLE ASSY	2.16
1	UGR-2	RECEIVER	4.8

ITEM NO.	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:
--	-----------------------------------

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	S-1963-2	SOLDER		
WHT/YEL(1)	22	-22-9-4	SOLDER	S-1963-1		
WHT/TAN(2)	22	-22-9-10	S-1963-2	SOLDER		
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		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

FORM NO. 80-215B

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna® AIRCRAFT CO.		
GROUP	H. W. 1401	10-9-69	TITLE		
DRAWN	D.G. PLAIN	9-29-69	WIRING DIAGRAM —		
CHECK	HARRIS	10-1-69	UGR-2 GLIDESLOPE WITH NARCO		
STRESS			MARK 12B & VOA-50M INDICATOR		
PROJ	H. W. 1401	10-9-69	SIZE	CODE IDENT.	DWG NO
APPD	M. Q. Aroney	10-1-69	C	71379	1270700
OTHER			SCALE: NONE	210	PAGE: 2.36.1

ED#RR 10720 (SR6031) IX

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

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

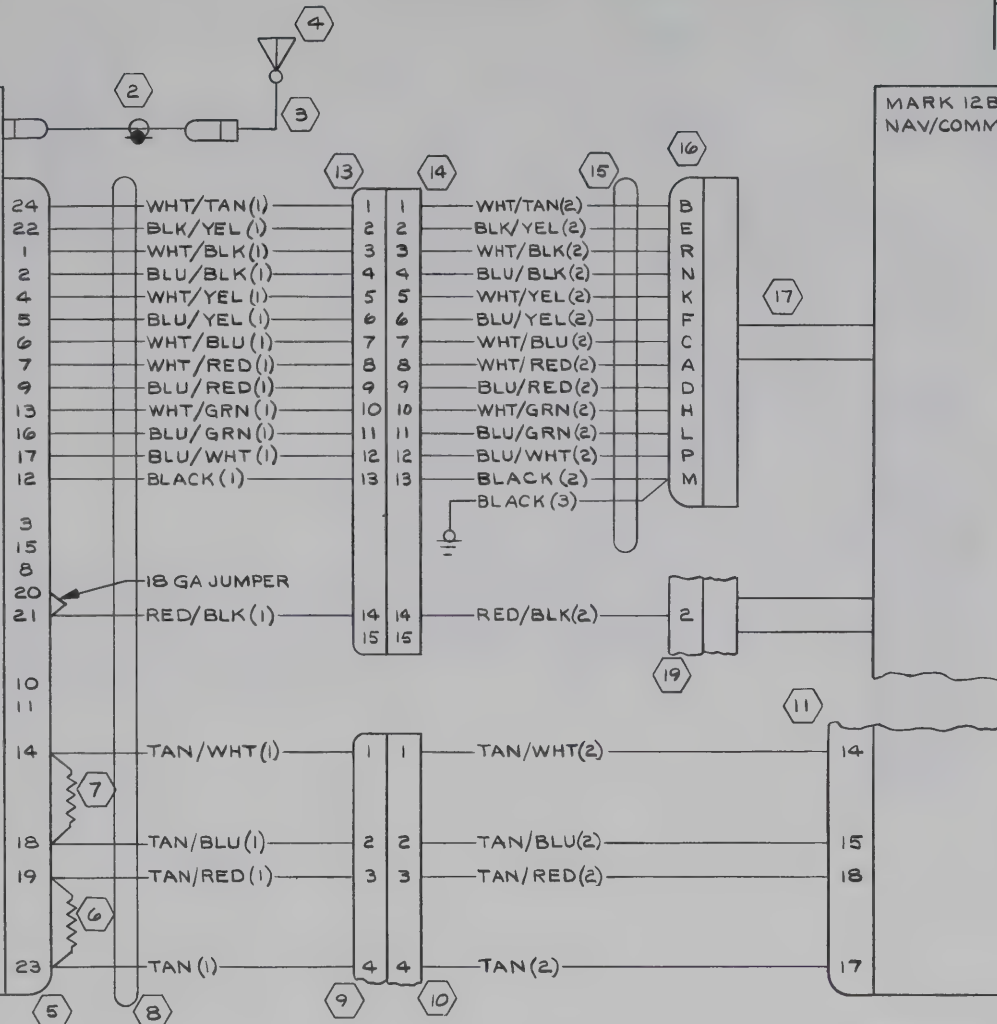
SPARE
SPARE
SPARE
SWITCHED A+
SWITCHED A+

NOT USED
NOT USED

+ UP DEFLECT

+ DOWN DEFLECT
G.S. FLAG +

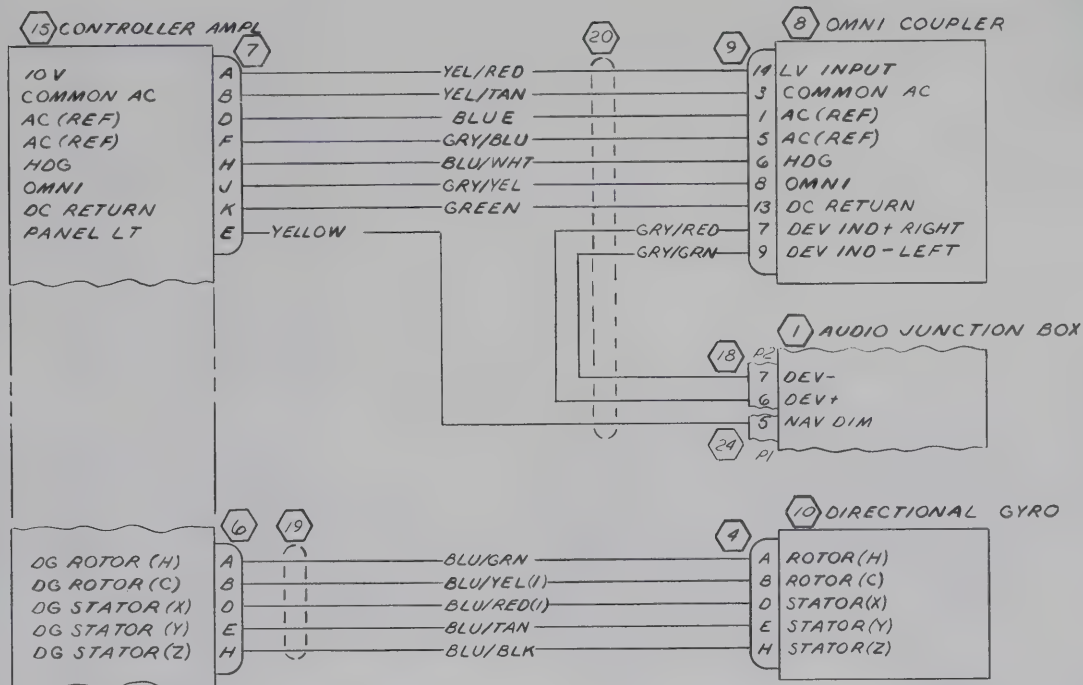
G.S. FLAG -



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP			TITLE		
DRAWN			WIRING DIAGRAM - UGR-2		
CHECK			GLIDESLOPE WITH NARCO		
STRESS			MARK 12B & VOA-50M INDICATOR		
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1270700
SCALE: NONE			210		PAGE: 2,36,2

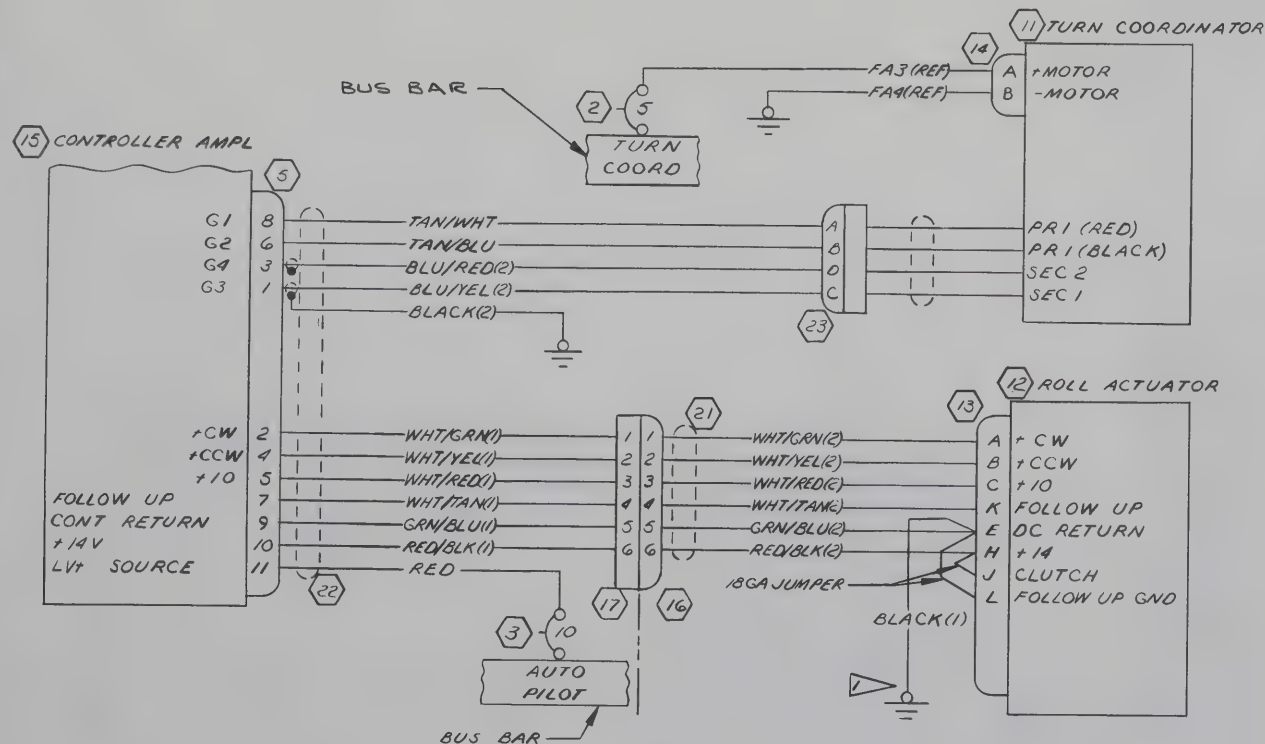
2 SUPPLIED AS PART OF ARC CONNECTOR KIT
NO. 38911

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	C. WOOD	DATE	8-28-67	TITLE	
GROUP	H. W. W. C.	DATE	8-28-67	WIRING DIAGRAM-	
DRAWN	JR CONLEY	DATE	8-21-69	CESSNA 300 NAV-O-MATIC	
CHECK	R. YOUNGERS	DATE	8-21-69	AUTOPILOT (14 VOLT)(OPT)	
STRESS	A. J. J. J.	DATE	8-22-67		
PROJECT	N. J. J. J.	DATE	8-22-67	SIZE	
APPD	M. J. J. J.	DATE	8-22-67	CODE IDENT. NO.	
				C	71379
				SCALE: NONE	210
				PAGE: 14.2.1	1270701

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE
GROUP	C. WOOD	8-28-69	WIRING DIAGRAM-
DRAWN	H. W. COPELAND	8-21-69	CESSNA 300 NAV-O-MATIC
CHECK	R. YOUNGERS	8-21-69	AUTOPILOT (14 VOLT) (OPT)
STRESS	A. C. COPELAND	8-25-69	SIZE
PROJECT	M. J. COPELAND	8-26-69	CODE IDENT. NO.
APPD	M. J. COPELAND	8-22-69	DWG NO.
SCALE: NONE		210	PAGE: 14.2.2

NOTES:

1 GROUND TO AIRFRAME AS CLOSE TO ACTUATOR UNIT AS POSSIBLE

2 SUPPLIED AS PART OF ARC CONNECTOR KIT NO 38492

REVISION

LET	DESCRIPTION	DATE	APPD

WHT/YEL(4)	22	-22-9-4	SOLDER	SOLDER	
WHT/YEL(3)	22	-22-9-4	S-1963-1	SOLDER	
WHT/YEL(2)	22	-22-9-4	S-1636-1	S-1963-1	
WHT/YEL(1)	22	-22-9-4	SOLDER	S-1635-1	
YELLOW	18	-18-4	SOLDER	S-1937-1	
WHT/TAN(4)	22	-22-9-10	SOLDER	SOLDER	
WHT/TAN(3)	22	-22-9-10	S-1963-1	SOLDER	
WHT/TAN(2)	22	-22-9-10	S-1636-2	S-1963-1	
WHT/TAN(1)	22	-22-9-10	SOLDER	S-1635-1	
WHT/RED(6)	22	-22-9-2	SOLDER	SOLDER	
WHT/RED(5)	22	-22-9-2	SOLDER	S-1963-1	
WHT/RED(4)	22	-22-9-2	S-1636-1	S-1963-1	
WHT/RED(3)	22	-22-9-2	SOLDER	S-1635-1	
WHT/RED(2)	22	-22-9-2	SOLDER	S-1963-1	
WHT/RED(1)	22	-22-9-2	SOLDER	S-1963-1	
WHT/GRN(4)	22	-22-9-5	SOLDER	SOLDER	
WHT/GRN(3)	22	-22-9-5	SOLDER	S-1963-1	
WHT/GRN(2)	22	-22-9-5	S-1636-1	S-1963-1	
WHT/GRN(1)	22	-22-9-5	SOLDER	S-1635-1	
WHT/BLU	22	-22-9-6	SOLDER	SOLDER	
WHT/BLK(3)	22	-22-9-0	SOLDER	SOLDER	
WHT/BLK(2)	22	-22-9-0	SOLDER	S-1963-1	
WHT/BLK(1)	22	-22-9-0	SOLDER	S-1963-1	
WHT(2)	22	-22-9	SOLDER	S-1963-1	
WHT(1)	22	-22-9	SOLDER	S-1963-1	
TAN/YEL(3)	22	-22-10-4	SOLDER	SOLDER	
TAN/YEL(2)	22	-22-10-4	SOLDER	S-1963-1	
TAN/YEL(1)	22	-22-10-4	SOLDER	S-1963-1	
TAN/WHT(3)	22	-22-10-9	SOLDER	SOLDER	
TAN/WHT(2)	22	-22-10-9	SOLDER	S-1963-1	
TAN/WHT(1)	22	-22-10-9	SOLDER	S-1963-1	
TAN/RED(3)	22	-22-10-2	SOLDER	SOLDER	
TAN/RED(2)	22	-22-10-2	SOLDER	S-1963-1	
TAN/RED(1)	22	-22-10-2	SOLDER	S-1963-1	
TAN/BLU(3)	22	-22-10-6	SOLDER	SOLDER	
TAN/BLU(2)	22	-22-10-6	SOLDER	S-1963-1	
TAN/BLU(1)	22	-22-10-6	SOLDER	S-1963-1	
TAN(2)	22	-22-10	SOLDER	S-1963-1	
TAN(1)	22	-22-10	SOLDER	S-1963-1	
RED/WHT(2)	18	-18-2-9	SOLDER	S-1963-1	
RED/WHT(1)	18	-18-2-9	SOLDER	S-1963-1	
RED/BLK(6)	18	-18-2-0	SOLDER	SOLDER	
RED/BLK(5)	18	-18-2-0	SOLDER	S-1963-1	
RED/BLK(4)	18	-18-2-0	S-1635-1	S-1963-1	
RED/BLK(3)	18	-18-2-0	SOLDER	S-1635-1	
RED/BLK(2)	18	-18-2-0	SOLDER	S-1963-1	
RED/BLK(1)	18	-18-2-0	SOLDER	S-1963-1	
RED(2)	18	-16-2	S-1963-1	SOLDER	
RED(1)	18	-16-2	S-1963-1	S-1967-18	
GRY/GRN(2)	22	-22-8-5	SOLDER	S-1963-1	
GRY/GRN(1)	22	-22-8-5	S-1937-1	S-1963-1	
GRY/RED(2)	22	-22-8-2	SOLDER	S-1963-1	
GRY/RED(1)	22	-22-8-2	S-1937-1	S-1963-1	
WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

31	S-1838-2	HOUSING	
30	38423-0001	CONNECTOR	2 (00781)
29	26360-0100	ROLL ACTUATOR (H500A)	(00781)
28	26360-0100	PITCH ACTUATOR (H500A)	(00781)
27	28371-009	CONNECTOR	2 (00781)
26	35910-0014	COMPUTER (C520B)	(00781)
25	37570-0001	VERTICAL GYRO (G59A1)	(00781)
24	30370-0100	DIRECTIONAL GYRO (G520A)	(00781)
23	35670-1014	CONTROL UNIT (C-520B)	(00781)
22	31683-0020	CONNECTOR	2 (00781)
21	28326-0007	CONNECTOR	2 (00781)
20	28371-0007	CONNECTOR	2 (00781)
19	28371-0005	PLUG	2 (00781)
18	28326-0005	PLUG	2 (00781)
17	S-1962-2-4	HOUSING-CAP	
16	S-1962-2-2	HOUSING-CAP	
15	S-1962-1-4	HOUSING-PLUG	
14	S-1962-1-2	HOUSING-PLUG	
13	S-1838-1	HOUSING-CONTACT	
12	S-1641-9	HOUSING-SOCKET	
11	S-1640-9	HOUSING-PIN	
10	S-1360-10	CIRCUIT BREAKER	
9	1270705-6	CABLE ASSY	
8	1270705-5	CABLE ASSY	
7	1270689-2	CABLE ASSY	
6	1270689-1	CABLE ASSY	
5	1270449-11	CABLE ASSY	
4	1270449-4	CABLE ASSY	
3	0770709-29	CABLE ASSY	
2	0770704-2	CABLE ASSY	
1	0570084-1	JUNCTION BOX ASSY	

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:

SUPERSEDED BY:

GRN/BLU(3)	20	-20-5-6	SOLDER	S-1963-1	
GRN/BLU(2)	20	-20-5-6	S-1636-2	S-1963-1	
GRN/BLU(1)	20	-20-5-6	SOLDER	S-1635-1	
BLU/YEL(3)	22	-22-6-4	SOLDER		
BLU/YEL(2)	22	-22-6-4		S-1963-1	
BLU/YEL(1)	22	-22-6-4		S-1963-1	
BLU/WHT(2)	22	-22-6-9		S-1963-1	
BLU/WHT(1)	22	-22-6-9		S-1963-1	
BLU/TAN(2)	22	-22-6-10		SOLDER	
BLU/TAN(1)	22	-22-6-10		S-1963-1	
BLU/RED(3)	22	-22-6-2		S-1963-1	
BLU/RED(2)	22	-22-6-2		S-1963-1	
BLU/RED(1)	22	-22-6-2		S-1963-1	
BLU/GRN(3)	22	-22-6-5		SOLDER	
BLU/GRN(2)	22	-22-6-5		S-1963-1	
BLU/GRN(1)	22	-22-6-5		S-1963-1	
BLU/BLK(3)	22	-22-6-0		SOLDER	
BLU/BLK(2)	22	-22-6-0		S-1963-1	
BLU/BLK(1)	22	-22-6-0		S-1963-1	
BLU(2)	22	-22-6		S-1963-1	
BLU(1)	22	-22-6		S-1963-1	
BLK/BLU	22	-22-0-6		SOLDER	
BLK(2)	22	-22-0		S-1967-18	
BLK(1)	22	-22-0	SOLDER	S-1967-18	
WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:

DESIGN	NAME	DATE
GROUP	H. W. Lee	8-28-69
DRAWN	JR CONLEY	8-21-69
CHECK	E. J. OUNGERS	8-21-69
STRESS	S. J. C. 101	8-15-69

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

TITLE
WIRING DIAGRAM —
CESSNA 400 NAV-O-MATIC
(OPT)

PROJ	NO.	SIZE	CODE IDENT.	DWG NO
APPD	71379	C		1270701
OTHER				
SCALE: NONE	210	PAGE: 19.3.0		

23

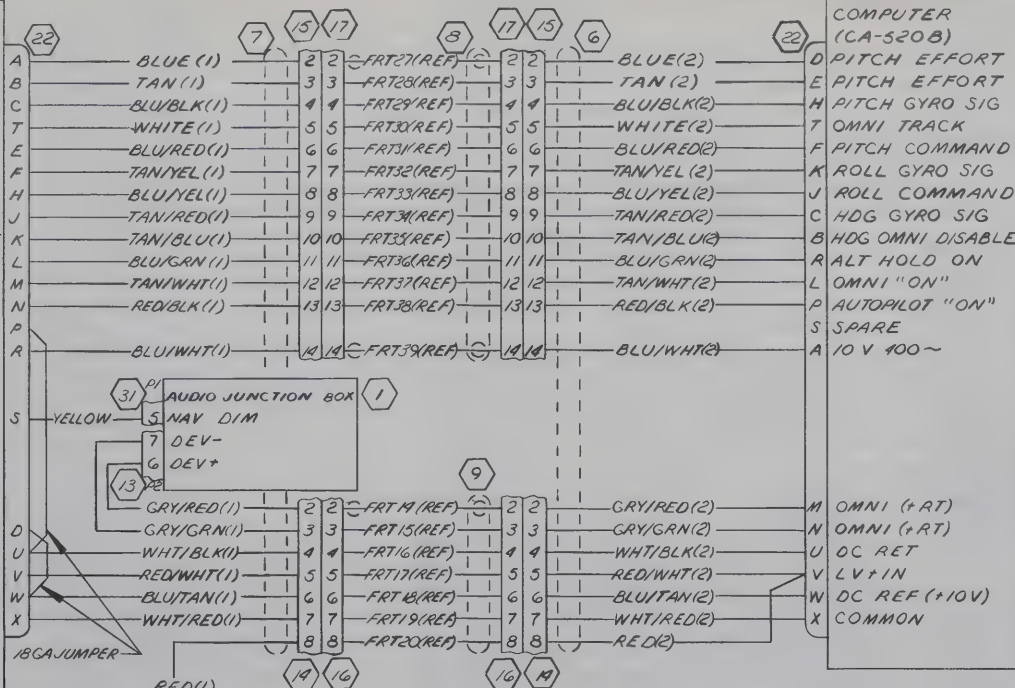
CONTROL UNIT
(TYPE C-520B)
PITCH EFFORT
PITCH EFFORT
PITCH GYRO SIG
OMNI TRACK
PITCH COMMAND
ROLL GYRO SIG
ROLL COMMAND
HDG GYRO SIGNAL
HDG OMNI DISABLE
ALT HOLD "ON"
OMNI "ON"
AUTOPILOT "ON"
PANEL LIGHT
10 V 400 ~

PANEL LIGHTS

UP PITCH
DC RET.
LV+IN
DC REF
COMMON

10 V 400 ~
COMMON
SPARE
ROLL GYRO SIG
PITCH GYRO SIG
SPARE
SPARE

10 V 400 ~
COMMON
STATOR (X)
STATOR (Y)
STATOR (Z)



26

COMPUTER
(CA-520B)
PITCH EFFORT
PITCH EFFORT
PITCH GYRO SIG
OMNI TRACK
PITCH COMMAND
ROLL GYRO SIG
ROLL COMMAND
HDG GYRO SIG
HDG OMNI DISABLE
ALT HOLD ON
OMNI "ON"
AUTOPILOT "ON"
SPARE
10 V 400 ~

OMNI (+RT)
OMNI (+RT)
DC RET
LV+IN
DC REF (+10V)
COMMON

VERTICAL GYRO
(G-519A)

10 V 400 ~
COMMON
SPARE
ROLL GYRO SIG
PITCH GYRO SIG
SPARE
SPARE

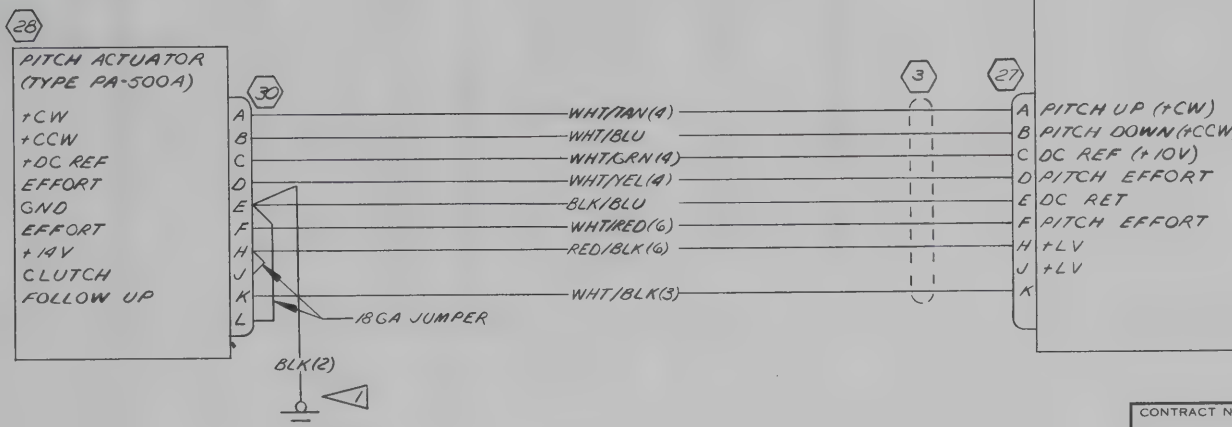
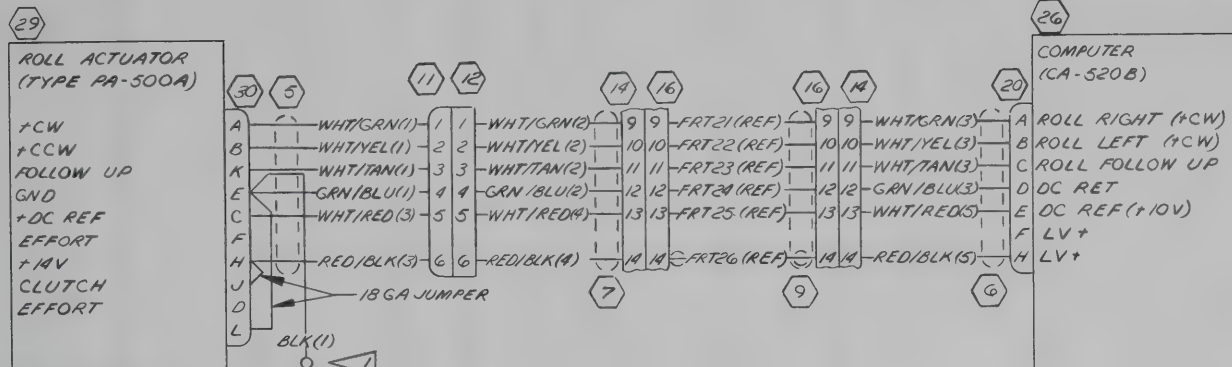
DIRECTIONAL GYRO
(TYPE G-520A)

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

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	G WOOD	DATE	8-28-69
GROUP	H. WOOD	TITLE	WIRING DIAGRAM-
DRAWN	J.R. CONLEY		CESSNA 400 NAV-O-MATIC
CHECK	E. YOUNGERS		(OPT)
STRESS	M.I. C. F. 106		
PROJECT	Wm. C. F. 106	SIZE	C
APPD	M. W. WOOD	CODE IDENT. NO.	71379
		DWG NO.	1270701
SCALE: NONE		210	PAGE: 10.3.1

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

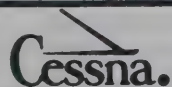


CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	G WOOD	DATE	2-28-69
GROUP	J. W. WOOD	DATE	3-26-69
DRAWN	J. R. CONLEY	DATE	8-21-69
CHECK	R. YOUNGERS	DATE	8-21-69
STRESS	K. L. L. L.	DATE	8-21-69
PROJECT	J. W. WOOD	DATE	8-21-69
APPD	M. J. J. J.	DATE	8-22-69
Cessna AIRCRAFT CO.		TITLE	
71379		WIRING DIAGRAM- CESSNA 400 NAV-O-MATIC (OPT)	
SIZE	C	CODE IDENT. NO.	1270701
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 F33700001 & 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 & 540A	5-12-69	A
2.1.4	Cessna 300 Nav/Com (ARC Type RT-540A)	2-12-69	D
2.1.5	Cessna 300 Nav/Com	12-5-68	C
2.1.6	Cessna 300 Nav/Com	12-5-68	C
2.24.2	Cessna 300 Marker Beacon	12-5-68	B
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)	11-6-69	B
2.47.1	Audio System, 300 & 400 Series	9-24-68	B
2.47.2	Audio System, 300 & 400 Series	9-24-68	B
2.47.3	Audio System, 300 & 400 Series	9-24-68	B
2.58.1	Wiring Diagram - Cessna 400 Glideslope (ARC Type R543B)	12-20-67	A
2.59.1	Wiring Diagram - Cessna 400 Glideslope (ARC Type R543B)	12-20-67	A
2.60.2.1	Cessna 400 Nav/Com (ARC Type RT522A & RT-532A)	10-27-69	B
2.60.2.2	Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	5-11-68	NC
2.60.2.3	Cessna 400 Nav/Com (ARC Type RT-522A & RT-532A)	10-17-69	B
2.61.0	Wiring Diagram - Pitch Trim, Mike & Map Light Control Wheel	9-3-69	E-Inac
2.61.3	Wiring Diagram - Auxiliary Microphone Jack & Control Wheel Key	9-3-69	NC-Inac
2.61.4	Mike Switch, Control Wheel	9-3-69	NC
2.62	Wiring Diagram - Pitch Trim & Mike Switch, Control Wheel	9-3-69	B-Inac



TITLE:
Radio Drawing - Model 337

DRAWING NO.

DATE: 15 December 1969

PAGE: 1 of 3

1570001

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

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
2.63	Wiring Diagram - 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	8-29-69	B
2.69.3	Cessna 400 Transponder (ARC Type 506A)	8-8-68	A
271.1.0	Cessna 300 HF	3-7-68	NC
271.1.1	Cessna 300 HF	3-7-68	NC
271.1.2	Cessna 300 HF	3-7-68	NC
2.72.1	W.D. - Cessna 400 ADF (ARC Type 324A)	10-9-68	B
2.73.1	W.D. - Audio Selector Switches, Accessory Kits	10-2-68	A
2.74.1	W.D. - Cessna 300 Transponder	2-3-69	A
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	8-20-69	NC
2.77.2	W.D. - Cessna 300 Mkr Bcn (R-502B) with VOA-50M Indicator	8-20-69	NC
2.78.1	W.D. UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	8-20-69	NC
2.78.2	W.D. UGR-2 Glideslope with Narco Mark 12B & VOA-50M Indicator	8-20-69	NC
2.79	W.D. Typical Switching Narco Mark 12B & ADF	10-27-69	NC
2.80.1	W.D. Sunair SSB HF (ASB-125)	10-30-69	NC
2.80.2	W.D. Sunair SSB HF (ASB-125)	10-30-69	NC



TITLE:

Radio Drawing - Model 337

DRAWING NO.

DATE: 15 December 1969

PAGE: 2 of 3

1570001

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

TABLE OF CONTENTS

PAGE NO.	TITLE	DATE ISSUED	REV
	DRAWING NUMBER 1570000		
14.3.1	Wiring Diagram-Cessna Nav-O-Matic 300 Autopilot (Opt)	6-6-68	B-Inac
14.3.2	Wiring Diagram-Cessna Nav-O-Matic 300 Autopilot (Opt)	6-6-68	B-Inac
14.4.1.1	Wiring Diagram-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 400 Nav-O-Matic (Opt)	11-7-68	A
14.4.5	Cessna 400 Nav-O-Matic (Opt)	11-7-68	A
14.4.6	Cessna 400 Nav-O-Matic (Opt)	6-6-68	NC
14.4.7	Nav-O-Matic 400 System (Opt)	6-6-68	NC
14.7.0	Cessna 300 Nav-O-Matic Autopilot (24 Volt)	6-6-68	NC
14.7.1	Cessna 300 Nav-O-Matic Autopilot (24 Volt)	6-6-68	NC
14.7.2	Cessna 300 Nav-O-Matic Autopilot (24 Volt)	6-6-68	NC



TITLE:

Radio Drawing - Model 337

DRAWING NO.

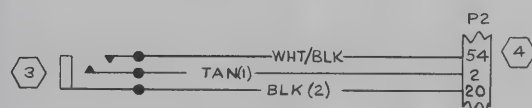
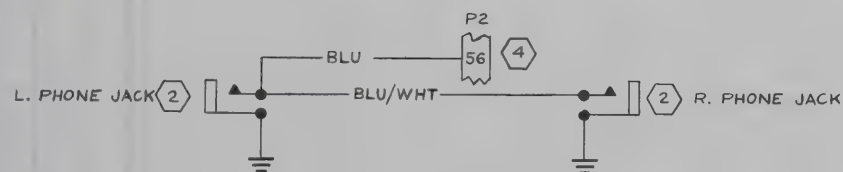
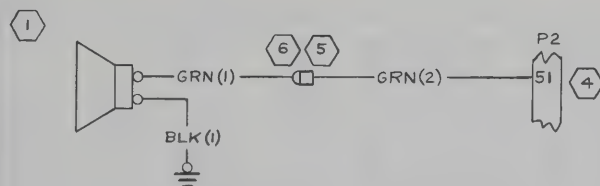
DATE: 15 December 1969

PAGE: 3 of 3

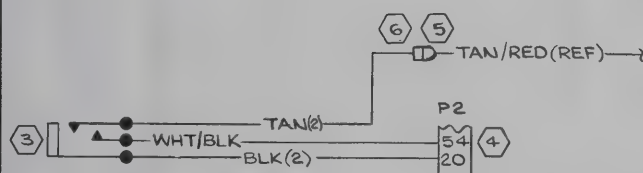
1570001

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

REVISION			
LET	DESCRIPTION	DATE	APPD
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	RLY MOD 1 DV XFW 7/6



SINGLE XCVR INSTL



DUAL XCVR INSTL

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	

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

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 2.0.1
SUPERSEDED BY:

CONTRACT NO:

DESIGN	NAME	DATE
GROUP	SIPES VR	8/5/68
DRAWN	RB IRWIN	8-26-68
CHECK	G IRVIN	8-27-68
STRESS	BM C. C. C.	8-27-68
PROJECT	M. C. C.	8-27-68
APPD	C. C. C.	8-28-68

WIRE TABLE

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

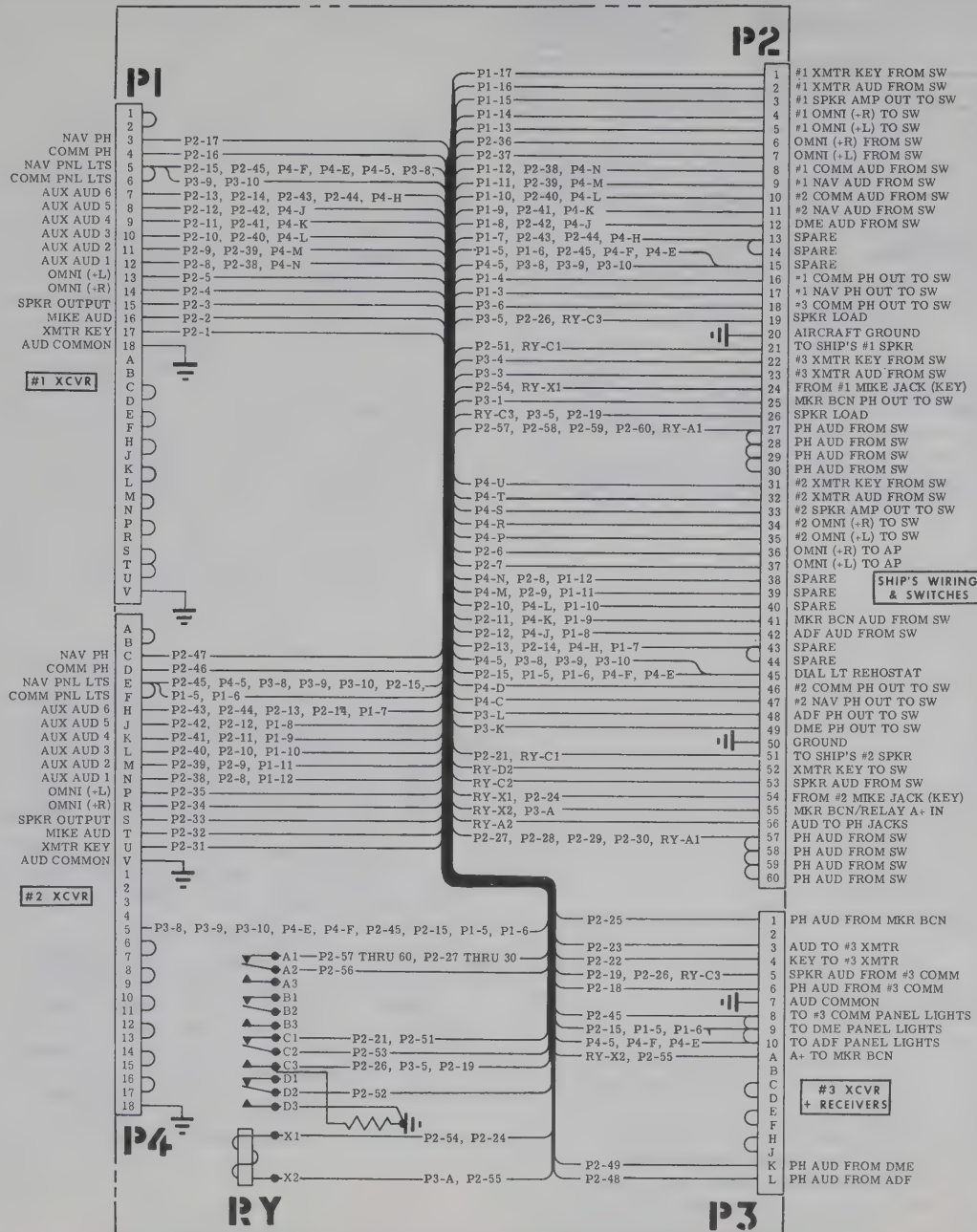
Cessna AIRCRAFT CO.

TITLE
WIRING DIAGRAM -
SPEAKER, PHONE JACK &
MICROPHONE JACK

SIZE CODE IDENT. NO. DWG NO.
C 71379 1570001

SCALE: NONE 337 PAGE: 2.0.3

ED 4RR 10037 (SR5441) IX



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: 465195-2 WAS 46195-2; ADD NOTE 8 EDRR 24170	DGP 5-1-69	<i>[Signature]</i>

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	VS SIPS	DATE	1-13-69	TITLE	
GROUP	2-11-69			SCHEMATIC DIAGRAM - AUDIO	
DRAWN	NUCKOLLS	DATE	2-7-69	JUNCTION BOX, INTERNAL	
CHECK				WIRING	
STRESS					
PROJECT		SIZE	CODE IDENT.	DWG NO.	
APPD		C	71379	1570001	
SCALE: NONE		337		PAGE: 2.0.4	

NOTES:

1. ON SINGLE NAV/COM 300R INSTL, RED/BLK WIRE (PIN K) IS CONNECTED TO RED/WHT WIRE (PIN S) 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
3. REFER TO PAGE 2.0.3 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

REVISION				REVISION			
LET	DESCRIPTION	DATE	APPD	LET	DESCRIPTION	DATE	APPD
C	BY REV: (ARC TYPE RT-540A) WAS (ARC TYPE 514R, 515R & 540A); DELETE 32580-1128, 32580-1628, 34640-1128 & 34650-1128 ED & RR 10255	A.S. 11-22-68	JWH mcs DWM 7/1/68	A	BY REV: PAGE 2.1.5 ADD P4; PAGE 2.1.6 ADD P1; DELETE S-1838-1 ED & RR 10025 (SR 5441) IX	EGY 8-5-68	GRN WHT DWM 10/1/68
D	BY REV: AV-547 WAS ASP-547 ED & RR 10352	FER 2-5-69	JWH mcs DWM 7/1/68	B	BY REV: PAGE 2.1.4, 2.1.5 & 2.1.6 BLUE WAS TAN/WHT, GRN/WHT WAS WHT/BLU, YELLOW WAS BLU/YEL, GRY/RED(2) WAS GRY/BLU, GRY/GRN(2) WAS GRY/TAN, GRY/RED(1) WAS GRY/RED, GRY/GRN(1) WAS GRY/GRN, BLACK(2) WAS BLACK, BLACK(1) WAS BLACK, BLU/YEL WAS BLU/YEL(2); ADD FUNCTIONS. PAGE 2.1.4: ADD NOTES 1, 2 & 3 AND RED/BLK WIRE; GRN/WHT 20 GA WAS 22, YELLOW 20 GA WAS 22, 0570084-2 WAS 0570080-2. PAGE 2.1.6: ADD PIN "K" & RED/BLK WIRE. ED & RR 10112 (SR 5441) IX	SEM 9-11-68	RCA MDS DWM 11/1/68 WKB NWS C 11/1/68

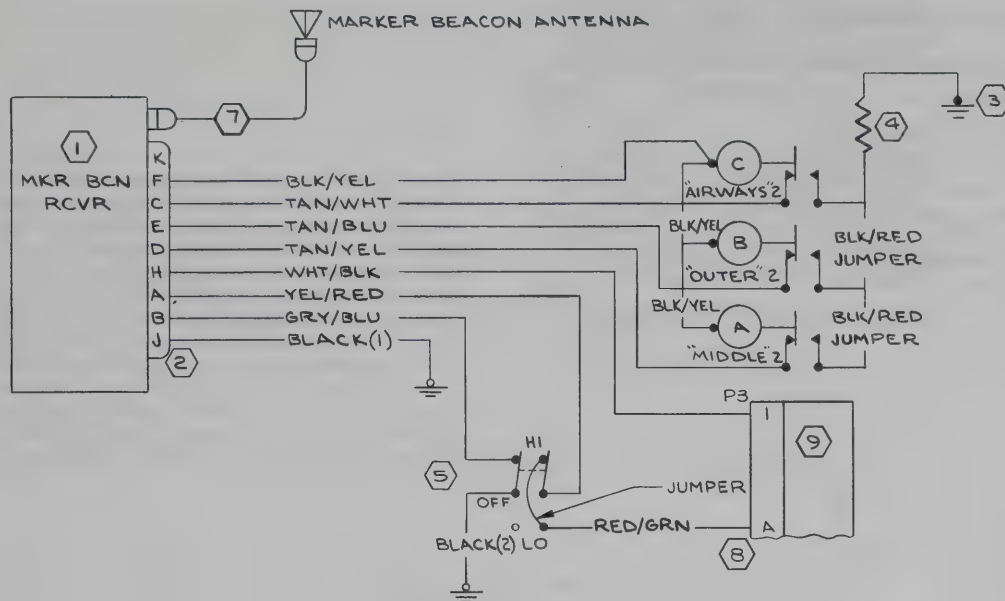
RED/BLK	18	-18-2-0	SOLDER		
BLU/TAN(S)	22	-22-6-10	SOLDER	S-1837-1	2
WHT/GRN	22	-22-9-5	SOLDER	SOLDER	
WHT/YEL	22	-22-9-4	SOLDER	SOLDER	
WHT/TAN	22	-22-9-10	SOLDER	SOLDER	
BLU/YEL	22S	S-1461-22-6-4	SOLDER		
BLU/RED	22S	S-1461-22-6-2	SOLDER		
BLU/WHT	22S	S-1461-22-6-9	SOLDER		
BLU/BLK	22S	S-1461-22-6-0	SOLDER		
RED/WHT	18	-18-2-9	S-1367-1-6		
GRY/GRN(1)	22	-22-8-5	SOLDER		
GRY/GRN(2)	22	-22-8-5	S-1837-1		
GRY/RED(1)	22	-22-8-2	SOLDER		
GRY/RED(2)	22	-22-8-2	S-1837-1		
BLU/TAN(K)	22	-22-6-10			2
BLU/TAN(S)	22	-22-6-10			2
TAN	22	-22-10			
WHT/BLK	22	-22-9-0			
BLU/TAN(2)	22	-22-6-10			2
BLU/TAN(1)	22	-22-6-10			2
BLUE	22	-22-6			
BLACK(2)	22	-22-0	S-1837-1		
BLACK(1)	16	-16-0	S-1367-2-8		
RED	16	-16-2	S-1367-2-6		
YELLOW	20	-20-4	S-1837-1		
GRN/WHT	20	-20-5-9	SOLDER	S-1837-1	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

17	AV-547	ANTENNA COUPLER (02833)	TAN	22	-22-10
16	0570084-2	JUNCTION BOX			
15			WHT/BLK	22	-22-9-0
14	S-1838-2	HOUSING	BLU/TAN(2)	22	-22-6-10
13	32350	INDICATOR (00781) (ARC TYPE IN-525A)	BLU/TAN(1)	22	-22-6-10
12	37600-1128	RCVR/XMTR (00781) (ARC TYPE RT-540A)	BLUE	22	-22-6
11			BLACK(2)	22	-22-0
10			BLACK(1)	16	-16-0
9	29752	CONNECTOR (00781)	RED	16	-16-2
8	29753	CONNECTOR (00781)	YELLOW	20	-20-4
7	MS3106A18-15	CONNECTOR	GRN/WHT	20	-20-5-9
6	31640	INDICATOR (ARC TYPE IN-514R)	WIRE CODE NO.	GA	MATERIAL
5			LG	TERMINALS	SERIALS
4	S-1360-2	CIRCUIT BREAKER			
3	S-1360-8	CIRCUIT BREAKER			
2	29747-0026	CONNECTOR (00781)			
1					

ITEM NO.	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.		
SUPERSEDED BY: P 2.1.1		
SUPERSEDED BY:		

WIRE TABLE		
CONTRACT NO.:	NAME	DATE
DESIGN	W. H. W. 5-10-68	
GROUP	H. W. 5-10-68	
DRAWN	YOUNGERS 4-29-68	
CHECK	G. IRVIN 5-9-68	
STRESS	W. H. W. 5-10-68	
PROJECT	H. W. 5-10-68	
APPD	SWANEY 5-9-68	
SIZE	CODE IDENT. NO.	DWG NO.
C	71379	1570001
SCALE: NONE 337 PAGE: 2.1.4		

ED & RR 01852 (SR 5441) IX



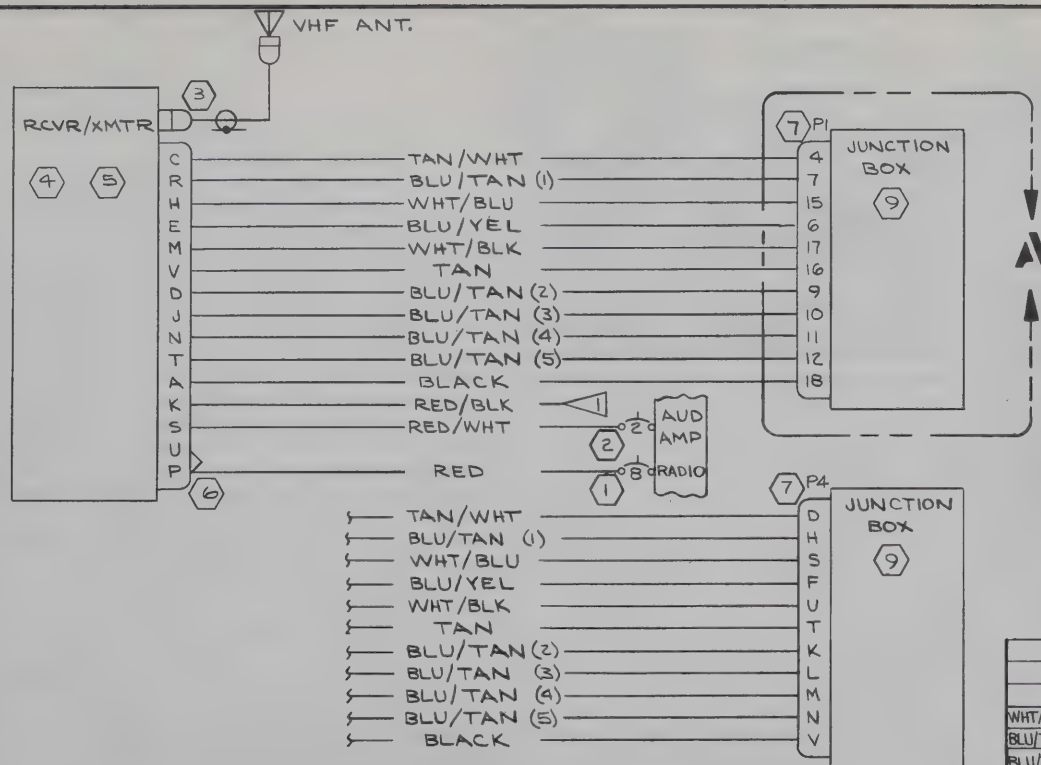
REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD P3; HOUSING WAS CONNECTOR ED & RR 10025 (SR 5441) IX	EGY 8-5-68	GEL MOS DKM W/H
B	BY REV: S-1837-1 WAS S-1367-1-G ED & RR 10258	FER 11-21-68	W/H MOS DKM W/H

TAN/WHT	22	-22-10-9	SOLDER	SOLDER
TAN/BLU	22	-22-10-6		SOLDER
TAN/YEL	22	-22-10-4		SOLDER
GRY/BLU	22	-22-8-6		SOLDER
WHT/BLK	20	-20-9-0		S-1837-1
YEL/RED	20	-20-9-2		SOLDER
RED/GRN	20	-20-2-5		S-1837-1
BLACK(1)	22	-22-0		S-1367-1-B
BLACK(2)	22	-22-0		S-1367-1-B
BLK/YEL	22	-22-0-4	SOLDER	SOLDER

ITEM NO.	PART NO.	DESCRIPTION
9	0570084-2	JUNCTION BOX ASSY
8	S-1838-3	HOUSING
7	-265	CABLE ASSY
6		
5	S-1696-2	SWITCH (93146)
4	82JL 2WATT	RESISTOR (00781)
3	28487	TERMINAL (00781)
2	28371-0009	PLUG (00781)
1	31240-0028	MKR BCN RCVR (00781)

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 2,24.1 SUPERSEDED BY:

WIRE TABLE			SERIALS	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
CONTRACT NO:				
DESIGN	NAME	DATE	TITLE	
GROUP	R. W. W.	5-10-68	WIRING DIAGRAM -	
DRAWN	YOUNGERS	4-29-68	CESSNA 300 MARKER BEACON	
CHECK	G. IRVIN	5-9-68		
STRESS	B. K. W.	5-10-68		
PROJECT	W. L. W.	5-10-68		
APPD	SWANEX	5-9-68		
SIZE	CODE IDENT. NO.	DWG NO.		
C	71379	1570001		
SCALE: NONE		337	PAGE: 2.24.2	



REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD P1 & P4 ; DELETE S-1838-1 ED & RR 10025 (SR 5441) IX	EGY 8-5-68	GEI MDS BIRM W/H/4 11/11/80/AMC

NOTES:

ON SINGLE CESSNA COM 300 INSTL, RED/BLK WIRE (PINK) IS CONNECTED TO RED/WHT WIRE (PINS) WITH AN S-1370-1 SPLICE, AND BLUE WIRE (PINK) 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-1557-1 CAP; BLUE WIRE CONNECTS TO WIPER OF A SPKR-PHONE SWITCH & BLU/TAN WIRE CONNECTS TO SPKR TERMINAL OF SPKR-PHONE SWITCH.

DETAIL A
2ND INSTL

ITEM NO.	PART NO.	DESCRIPTION
9	0570084-2	JUNCTION BOX ASSY
8		
7	S-1838-2	HOUSING (00779)
6	29747-0018	CONNECTOR (00781)
5	31390-1628	RCVR/XMTR (00781) (EXP)
4	31390-1128	RCVR/XMTR (00781)
3	29753	CONNECTOR (00781)
2	S-1360-2	CIRCUIT BREAKER
1	S-1360-8	CIRCUIT BREAKER

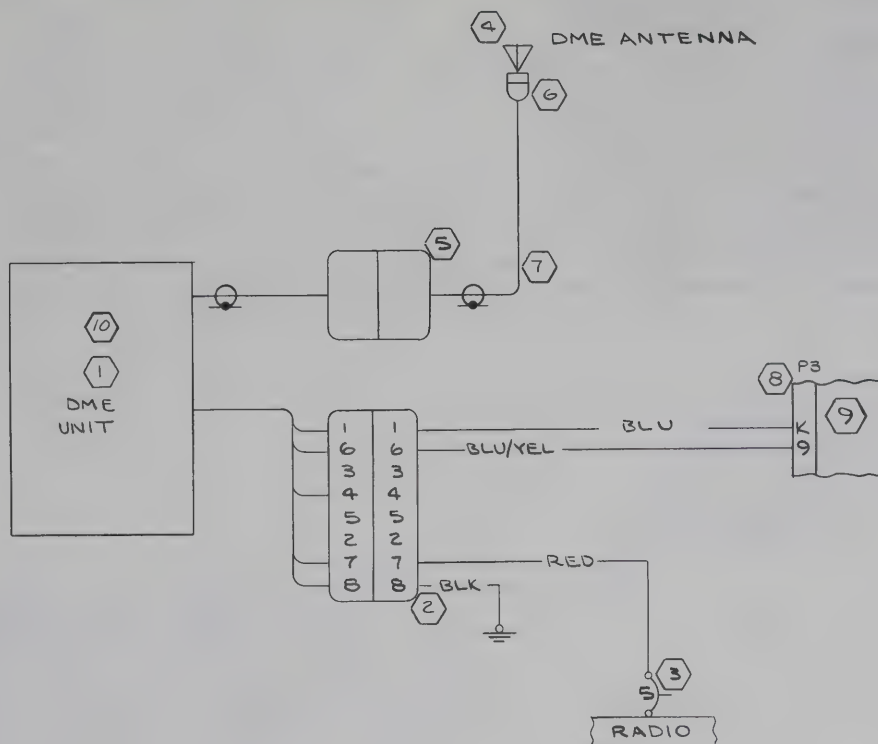
ITEM NO.	PART NO.	DESCRIPTION
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CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.	SUPERSEDES: P 2.25
	SUPERSEDED BY:

WHT/BLK	22	-22-9-0	SOLDER	S-1837-1
BLU/TAN (1)	22	-22-6-10		S-1837-1
BLU/TAN (2)	22	-22-6-10		S-1837-1
BLU/TAN (3)	22	-22-6-10		S-1837-1
BLU/TAN (4)	22	-22-6-10		S-1837-1
BLU/TAN (5)	22	-22-6-10		S-1837-1
RED/WHT	18	-18-2-9		S-1367-16
RED/BLK	18	-18-2-0		S-1837-1
BLACK	22	-22-0		S-1837-1
TAN	22	-22-10		S-1837-1
TAN/WHT	22	-22-10-9		S-1837-1
RED	16	-16-2		S-1367-16
BLU/YEL	22	-22-6-4		S-1837-1
WHT/BLU	22	-22-9-6	SOLDER	S-1837-1

WIRE TABLE			
WIRE CODE NO.	GA	MATERIAL	LG
CONTRACT NO:	NAME DATE		
DESIGN	unlabeled 5-10-68		
GROUP	H. Wiers 5-10-68		
DRAWN	YOUNGERS 4-29-68		
CHECK	G. IRVIN 5-9-68		
STRESS	BKM '68 5-10-68		
PROJECT	H. Laiter 5-10-68		
APPD	SWANE 5-5-68		
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	1570001	
SCALE: NONE		337	PAGE: 2.25.1

ED & RR 01852 (SR 5441) IX



REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD P3; HOUSING WAS CONNECTOR ED & RR 10025 (SR 5441) IX	EGY 8-5-68	GKI 11/11
B	BY REV: ADD C582602-0202, NOTE 2 & NOTE 3 ED & RR 10497	FER 4-17-69	RLY mbs DKM NW

NOTES:

1. ITEMS 5, 6 & 7 ARE SUPPLIED AS PART OF KING INSTL KIT NO. 050-1052-00

2. SER 337-0982 & ON

3. THRU SER 337-0981

10	C582602-0202	DME UNIT
9	0570080-2	JUNCTION BOX
8	S-1838-3	HOUSING (00779)
7	024-0001-00	RF CABLE (22373)
6	030-24-00	CONNECTOR RT ANGLE (22373)
5	030-0021-01	CONNECTOR (22373)
4	KA-15	ANTENNA (22373)
3	S-1360-5	CIRCUIT BKR
2	030-2043-00	CONNECTOR (22373)
1	C582602-0101	DME UNIT

ITEM NO.	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.

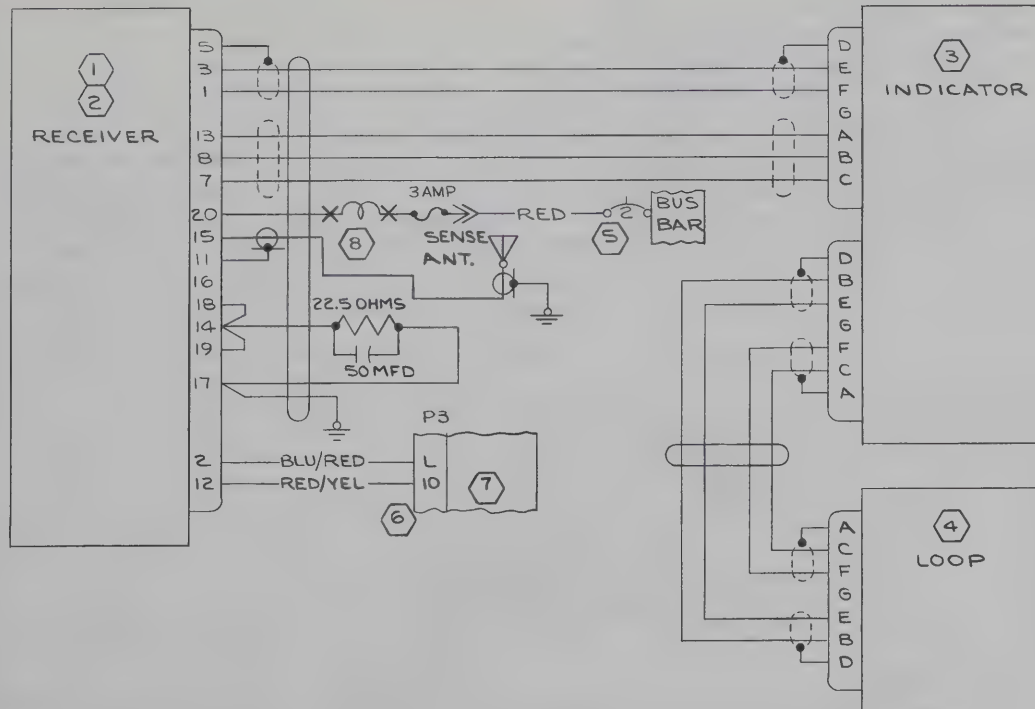
SUPERSEDES:
P 2.26.1
SUPERSEDED BY:

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLU	22	-22-6		SOLDER	S-1837-1
BLU/YEL	22	-22-6-4		SOLDER	S-1837-1
RED	16	-16-2		SOLDER	S-1367-26
BLACK	16	-16-0		SOLDER	S-1367-28

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	7/1/68	5/1/68	TITLE		
DRAWN	YOUNGERS	4-29-68	WIRING DIAGRAM -		
CHECK	GARVIN	5-9-68	CESSNA 300 DME		
STRESS	DK 7/1/68	5-10-68			
PROJECT	14 Jallen	5-10-68			
APPD	SWANSON	5-10-68			
SIZE	CODE IDENT. NO.	DWG NO.			
C	71379	1570001			
SCALE: NONE		337	PAGE: 2.26.3		

ED & RR 01852 (SR 5441) IX



REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD P3 ; HOUSING WAS EGY CONNECTOR ED & RR 10025 (SR 5441) IX	8-5-68	GET MADE BY M. W. J. W.
B	BY REV: ADD A-263 ED & RR 10765	J.D.P. 10/29/68	J.D.P. 10/29/68

BLU/RED	22	-22-6-2	S-1367-1-6	S-1837-1		
RED/YEL	22	-22-2-4	S-1367-1-6	S-1837-1		
RED	18	-18-2	S-1367-1-6	S-341-2		

8	A-263	CHOKE	23939
7	0570084-2	JCT BOX ASSY	
6	S-1838-3	HOUSING	
5	S-1360-2	CIRCUIT BREAKER	
4	32880-1100	LOOP	
3	32680-0000	INDICATOR	
2	28340-1400	RCVR (WITH BFO)	
1	28340-1500	RCVR (LESS BFO)	

ITEM NO.	PART NO.	DESCRIPTION
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CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.		SUPERSEDES: P 2.34 SUPERSEDED BY:
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WIRE TABLE			CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	Y. W. W.	5-10-68	GROUP	Y. W. W.	5-10-68	TITLE		
DRAWN	YOUNGERS	4-29-68	DRAWN	YOUNGERS	4-29-68	WIRING DIAGRAM -		
CHECK	G. IRVIN	5-9-68	CHECK	G. IRVIN	5-9-68	CESSNA 300 ADF		
STRESS	DR. M. Cook	5-10-68	STRESS	DR. M. Cook	5-10-68	(ARC TYPE R-521B)		
PROJECT	Y. W. W.	5-10-68	PROJECT	Y. W. W.	5-10-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANEY	5-9-68	APPD	SWANEY	5-9-68	C	71379	1570001
SCALE: NONE			337			PAGE: 2.34.1		

NOTES:

- 1 WHEN 3 TRANSMITTERS ARE INSTALLED MRA-2-5 SWITCH IS APPLICABLE. REFER TO P2.66.2 FOR WIRING.
- 2 INTENDED FOR DME USE
- 3 INTENDED FOR HF COM USE
- 4 THE SPKR-PHONE SWITCHES MAY BE WIRED AS SHOWN, (JUMPERS BETWEEN PHONE FUNCTION SIDE OF SWITCH THEN ONE WIRE TO P2-57), OR WIRED DIRECT AS COM 1 BLU WIRE TO P2-27, NAV 1 BLU TO P2-28, COM 2 BLU TO P2-57, NAV 2 BLU TO P2-58, DME AND/OR H.F. BLU TO P2-59 ADF BLU TO P2-29.

BY REV: ADD NOTES 2 & 3, TAN/RED WIRE ; DELETE BLU/GRN(2) WIRE & DETAIL A ; PIN 42 WAS 38, 12 WAS 39, 10 WAS 41, 11 WAS 40, 9 WAS 42, 8 WAS 43, 5 WAS 35, 37 WAS 7, 35 WAS 5, 4 WAS 34, 36 WAS 6, 34 WAS 4, 2 WAS 32, 60 WAS 58, 41 WAS 44, 6 WAS 36, 7 WAS 37, 32 WAS 2, 1 WAS 31 & 31 WAS 1; BLUE(2) WAS BLU/RED, WHT/BLU WAS WHT/TAN, BLU/WHT(1) WAS BLU/YEL, BLU/WHT(2) WAS BLU/BLK, BLU/YEL WAS BLU/BLK, BLU/RED WAS RED/YEL, BLU/BLK WAS BLK/BLU, GRY/GRN(1) WAS GRY/YEL, GRY/GRN(2) WAS BLK/YEL, GRY/GRN(3) WAS GRY/TAN, GRY/RED(1) WAS GRY/BLK, GRY/RED(2) WAS BLK/RED, GRY/RED(3) WAS GRY/BLU, TAN/WHT WAS TAN/YEL, WHT/BLK WAS WHITE, GRN(1) WAS TAN/WHT(2), TAN/YEL WAS TAN/RED, WHT/RED WAS WHT/YEL, WHT/YEL WAS WHT/GRN, GRN(2) WAS TAN/WHT(1), WHT/GRN WAS WHT/RED, GRN/YEL WAS BLU/GRN(1), YEL/TAN WAS TAN/BLU, GRN/RED WAS WHT/BLU, GRN/BLU WAS BLK/YEL, BLUE(4) WAS BLU/RED, BLU/GRN WAS WHT/BLK. ADD **B**.
ED&RR 10049A (SR5441) IX

CAB 9-5-68 GKI MDS DMM H/W

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD DETAIL A, P2 ; S-1837-1 WAS S-1837-2; 57 WAS 27, 48 WAS 18, 38 WAS 8, 49 WAS 19, 18 WAS 48, 39 WAS 9, 47 WAS 17, 40 WAS 10, 46 WAS 16, 41 WAS 11, 17 WAS 47, 42 WAS 12, 16 WAS 46, 43 WAS 13, 35 WAS 5, 7 WAS 37, 5 WAS 35, 34 WAS 4, 6 WAS 36, 4 WAS 34, 32 WAS 2, 54 WAS 24, 51 WAS 21; ADD 20 ; 56 WAS 26, 55 WAS 25, 2 WAS 32, 31 WAS 1, 52 WAS 22, 1 WAS 31, 33 WAS 3, 19 WAS 49, 53 WAS 23, 3 WAS 33, 26 WAS 56, 58 WAS 28, 25 WAS 55, 44 WAS 14, 36 WAS 6, 37 WAS 7, 45 WAS 15, 50 WAS 20, 22 WAS 52, 23 WAS 53 ED & RR 10025 (SR 5441) IX	EGY 8-5-68	GKI MDS DMM WHT

TAN/BLU	22	-22-10-6	SOLDER	S-1837-1
WHT/BLU(2)	22	-22-9-6	SOLDER	
BLACK(4)	16	-16-0	S-1367-2	
YELLOW	20	-20-4	SOLDER	
GRY/GRN	22	-22-8-5		
GRY/RED	22	-22-8-2		
BLU/TAN(7)	22	-22-6-10		
BLU/GRN	22	-22-9-0		
BLUE(4)	22	-22-6-2		
GRN/BLU	22	-22-0-4		
GRN/RED	22	-22-9-6		
YEL/TAN	22	-22-10-6	SOLDER	S-1837-1
GRN/YEL	22	-22-6-5	SOLDER	S-1837-1
WHT/GRN	22	-22-9-2		
WHT/YEL	22	-22-9-5		
WHT/RED	22	-22-9-4		
TAN/YEL	22	-22-10-2	SOLDER	
RED/WHT	22	-22-2-9	S-1367-1	S-1837-1
BLUE(2)	22	-22-0	SOLDER	SOLDER
BLUE(1)	22	-22-0	SOLDER	S-1837-1
TAN/RED	22	-22-10-4	SOLDER	S-1636-1
BLACK(2)	16	-16-0	SOLDER	S-1367-2-13
BLACK(1)	16	-16-0	SOLDER	S-1367-2-13
TAN	22	-22-10	SOLDER	S-1635-1
GREEN(1)	22	-22-10-9	S-1636-1	S-1837-1
GREEN(2)	22	-22-10-9	SOLDER	S-1635-1
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS

8	S-1637-1	HOUSING-CAP
7	S-1637-2	HOUSING-PLUG
6	S-1360-2A	CIRCUIT BREAKER
5	S-1695-2	SWITCH
4	MRA-2-5	SWITCH (95146)
3	S-1697-1	SWITCH
2	OSTO084-2	JUNCTION BOX
1	S-1838-1	HOUSING

ITEM NO.	PART NO.	DESCRIPTION
EQUIPMENT TABLE		

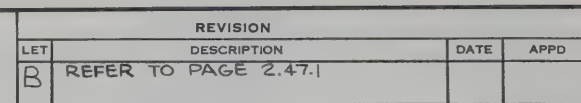
CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX=CESSNA SPEC. NO.
S-XXX OR CMXXXX=CESSNA
STD. NO.

SUPERSEDES:
P 2.47
SUPERSEDED BY:

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

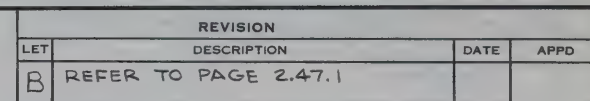
WIRE TABLE			
CONTRACT NO:	NAME	DATE	TITLE
DESIGN	W. W. W.	5-10-68	WIRING DIAGRAM -
GROUP	H. W. W.	5-10-68	AUDIO SYSTEM, 300 & 400
DRAWN	YOUNGERS	4-29-68	SERIES
CHECK	G. R. VIN	5-9-68	
STRESS	G. R. M.	5-10-68	
PROJECT	G. R. M.	5-10-68	
APPD	SWANL	5-9-68	
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	1570001	
SCALE: NONE	337	PAGE: 2.47, 1	

ED&RR 01852 (SR5441) IX



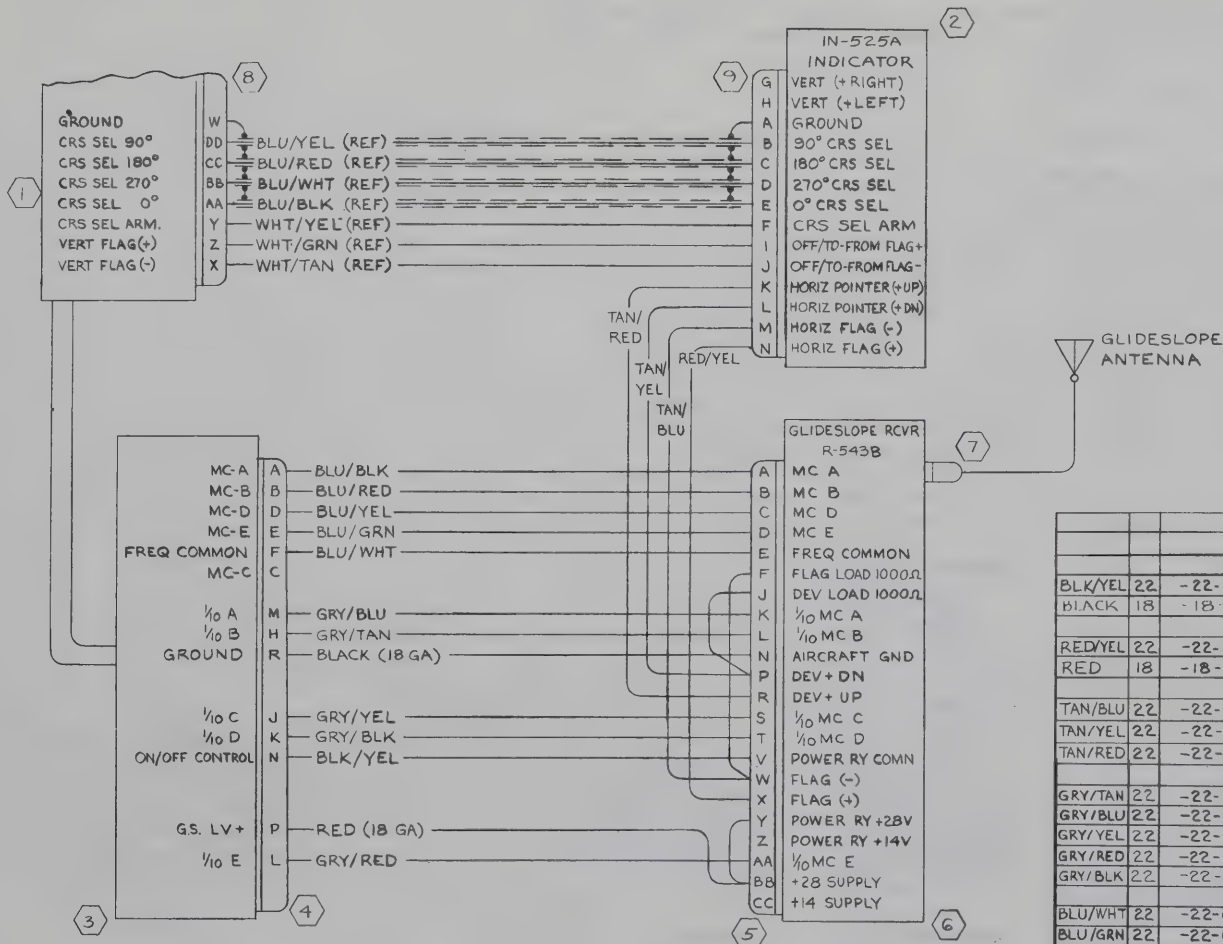
CONTRACT NO:			WIRE TABLE COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP			TITLE		
DRAWN			WIRING DIAGRAM —		
CHECK			AUDIO SYSTEM, 300 & 400		
STRESS			SERIES		
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1570001
			SCALE: NONE	337	PAGE: 2 of 2

	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 2.4 SUPERSEDED BY

[illegible]

SER337-0526 FON

CHG LET	REVISION	BY	CHK
		DATE	APPD
A	BY REV: R-543B WAS R-543A	RLY	MDS
	TITLE WAS CESSNA	12-7-67	11/61
	GLIDESLOPE (ARC TYPE		
	R-543A) ; 36440-0000		
	WAS 34340		
	(ED 42R 00952) (SR5632)		



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/WHT	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
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
				SERIALS

ITEM NO	PART NO.	DESCRIPTION	INSTALLED ON
9	27826	CONNECTOR	
8	29747-0026	CONNECTOR	
7	11337	CONNECTOR	
6	36440-0000	GLIDESLOPE RCVR (ARC TYPE R543B)	
5	36194	CONNECTOR KIT	
4	36195	CONNECTOR KIT	
3	36300	CABLE HARNESS KIT	
2	32350	INDICATOR (ARC TYPE IN-525A)	
1	36150-1128	RCVR/XMITR (ARC TYPE RT515R-1)	

EQUIPMENT TABLE

WIRE TABLE			
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS			
DRAWN	NAME	DATE	TITLE
GROUP	H. Wood	11-10-66	WIRING DIAGRAM—
CHECK	YAKSHIN	1-31-67	CESSNA 400
PROJ	11/61	2-1-67	GLIDESLOPE
			(ARC TYPE R-543B)
SUPERSEDED BY:	SUPERSEDED:	MODEL:	REV:
		337B	A
			PAGE: 258.1

Cessna.
1570001

ARC TYPE
R-542A
NAV RCVR

18
20 BLACK (18 GA)

1 BLU/BLK
2 BLU/RED
4 BLU/YEL
5 BLU/GRN
11 BLU/WHT

6 GRY/BLU
7 GRY/TAN

8 GRY/YEL
9 GRY/BLK
12 BLK/YEL

13 RED/WHT
10 GRY/RED

RED (18 GA)

TO 2 AMP BREAKER
IF AVAILABLE OR TO
RT522 CKT BREAKER

IN-543A
INDICATOR

RED/YEL 18
TAN/BLU 17
TAN/RED 14
TAN/YEL 15

GLIDESLOPE
ANTENNA

GLIDESLOPE RCVR
R-543B

A MC A
B MC B
C MC D
D MC E
E FREQ COMMON
F FLAG LOAD 1000Ω
J DEV LOAD 1000Ω
K 1/10 MC A
L 1/10 MC B
N AIRCRAFT GND
P DEV+ DN
R DEV+ UP
S 1/10 MC C
T 1/10 MC D
V POWER RY COMN
W FLAG (-)
X FLAG (+)
Y POWER RY +14V
Z POWER RY +28V
AA 1/10 MC E
CC +14 SUPPLY
BB +28 SUPPLY

SER 337-075640N

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: R-543B WAS R-543A & TITLE WAS "CESSNA GLIDESLOPE" (ARC TYPE R-543A); 36440-0000 WAS 34340 (ED & RR 00952) (SR 6632)	12-7-67	MDS H/W D/M

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	-18-2	S-1367-18	SOLDER
BLK/YEL	22	-22-0-4	SOLDER	SOLDER
BLACK	18	-18-0	SOLDER	SOLDER

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
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WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
NAME			Cessna AIRCRAFT CO.	
DESIGN	G WOOD	1-9-67	TITLE	
GROUP	H. H. H.	1-31-67	WIRING DIAGRAM -	
DRAWN	G WOOD	1-9-67	CESSNA 400	
CHECK	VAKSHAW	2-1-67	GLIDESLOPE	
STRESS	Steiner	2-2-67	(ARC TYPE R-543B)	
PROJECT	H. H. H.	2-4-67	SIZE	CODE IDENT.
APPD			C	71379
			OWG NO.	1570001
			SCALE: NONE	PAGE: 2.59.1

ITEM NO	PART 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 R-543B)
3	36194	CONNECTOR KIT (ARC)
2	35548-0225	CONNECTOR (ARC)
1	33560-1000	NAV RCVR (ARC R-542)
ITEM NO	PART NO.	DESCRIPTION
EQUIPMENT TABLE		

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: AV-547 WAS ASP-547 ED & RR 10260	A.S. 11-21-68	JWH MOS BKM HFW HMC
B	BY REV: ADD 38960-0014 & SER'S; SER OUT 36600-0000 (SRG 244) ED & RR 10530	BPH 10-20-68	JWH MOS HFW HMC
C	BY REV: 39480-0000 WAS 33970-0000 & 39490-0000 WAS 34290-0000 ED & RR 10358 (SR 6397)	J.D.R.	

BLU/WHT	22	-22-6-9	SOLDER	SOLDER		
BLK/WHT	18	-18-0-9	SOLDER	SOLDER		
RED/WHT(2)	18	-18-2-9	SOLDER	SOLDER		
RED/BLK(2)	18	-18-2-0	SOLDER	SOLDER		
BLACK(2)	18	-18-0	SOLDER	SOLDER		
CABLE	RG-58/U	35032- 0012	35693- 0003			
CABLE	RG-58/U	35032- 0012	35693- 0003			
RED/WHT(1)	18	-18-2-9	S-1367-1-6	SOLDER		
BLACK(1)	16	-16-0	S-1837-1	SOLDER		
WHT/BLK	22	-22-9-0	S-1837-1	SOLDER		
TAN	22	-22-10	S-1837-1	SOLDER		
WHT/BLU	22	-22-9-6	S-1837-1	SOLDER		
RED/BLU	18	-18-2-6	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		
BLU/YEL	22	-22-6-4	SOLDER	S-1837-1		
TAN/WHT	22	-22-10-9	SOLDER	S-1837-1		
BLUE	22	-22-6	SOLDER	S-1837-1		
RED/YEL(2)	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		
WHT/GRN	22	-22-9-5	SOLDER	SOLDER		
WHT/TAN	22	-22-9-10	SOLDER	SOLDER		
WHT/YEL	22	-22-9-4	SOLDER	SOLDER		
YEL/TAN	20	-20-4-10	SOLDER	SOLDER		
RED/BLK(1)	18	-18-2-0	SOLDER	SOLDER		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

16	38960-0014	ACCESSORY UNIT(S32B-1)
15	S-1838-1	HOUSING(00779)
14	S-1838-2	HOUSING(00779)
13	35693-0004	CONNECTOR(00781)
12	AV-547	COUPLER(02833)
11	0510084-2	JUNCTION BOX ASSY
10	36364-0000	CONNECTOR KIT(00781)
9	36363-0000	CONNECTOR KIT(00781)
8	35693-0003	CONNECTOR(00781)
7	36600-0000	ACCESSORY UNIT(ARC TYPE RTA52B)
6	39490-0000	INDICATOR(ARC TYPE IN-543B)
5	39480-0000	INDICATOR(ARC TYPE IN-522B)
4	33560-1000	RECEIVER(ARC TYPE R-542A)
3	33570-1000	TRANSCIVER(ARC TYPE RT532A)
2	33950-1100	RCVR/XMTR(ARC TYPE RT-522A)
1	S-1360-5	CIRCUIT BREAKER
PART NO.	DESCRIPTION	
ITEM NO.	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 2.60.1.0
SUPERSEDED BY:

CONTRACT NO:

DESIGN	NAME	DATE
GROUP	<i>H. W. W.</i>	5-10-68
DRAWN	YOUNGERS	4-29-68
CHECK	G. IRVIN	5-9-68
STRESS	<i>BK M. Cook</i>	5-10-68
PROJECT	<i>H. W. W.</i>	5-10-68
APPD	SWANEY	5-9-68

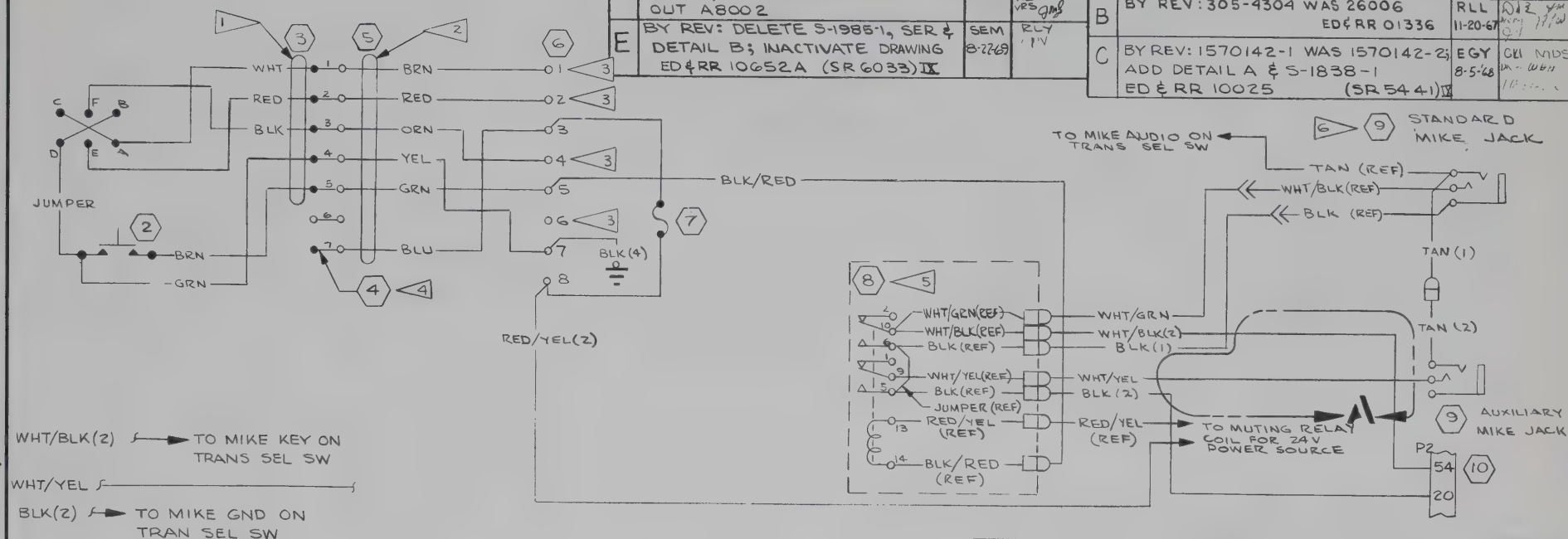
WIRE TABLE

Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
TITLE WIRING DIAGRAM - CESSNA 400 NAV/COM (ARC TYPE RT522A & RT-532A)	SIZE C
CODE IDENT. NO. 71379	DWG NO. 1570001
SCALE: NONE	337
PAGE: 2.60.2.1	

ED & RR 01852 (SR 5441) IX



REVISIONS				REVISION		
LTR	DESCRIPTION	DATE	APPROVED	LET	DESCRIPTION	DATE
D	BY REV: ADD S-1985-1, DETAIL B & SER; A8002 WAS 39-1; SER OUT A8002	6-13-69	RLY MDS DEM JLU VRS gms	A	BY REV: ADD NOTE 7 & SR. (SR5095) II	2-30-67
E	BY REV: DELETE S-1985-1, SER & DETAIL B; INACTIVATE DRAWING ED & RR 10652A (SR 6033) IX	8-22-69	SEM RLY IV	B	BY REV: 305-4304 WAS 26006 ED & RR 01336	11-20-67
				C	BY REV: 1570142-1 WAS 1570142-2; ADD DETAIL A & S-1838-1 ED & RR 10025 (SR 5441) IX	8-5-68



WHT/BLK(2) → TO MIKE KEY ON TRANS SEL SW

WHT/YEL →

BLK(2) → TO MIKE GND ON TRANS SEL SW

DETAIL A
THUR SER 337-0978

INACTIVE:
EFF SER 337-0756
THRU 337-1193
SEM ED & RR 10652A
8-22-69
RLY H/L
MDS gms

NOTES:

- 1 BOTH ENDS OF 3 WIRES TO BE SOLDERED
- 2 BOTH ENDS OF 5 WIRES TO BE TERMINATED WITH 320 733 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. IS 329636, VENDOR CODE IS 00779.

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
10	S-1838-1	HOUSING	
9	S-1102-1	MIKE JACK	
8	1570001-267	RELAY ASSY	
7	1570141-1	FUSE ASSY	
6	8-171	TERM BLOCK	(71785)
5	SF-1030-BX	CABLE	(08261)
4	1570142-1	CIRCUIT BOARD ASSY	
3	8445	CABLE	(70903)
2	A8002	SWITCH	(81640)
1	305-4304	SWITCH	(81579)

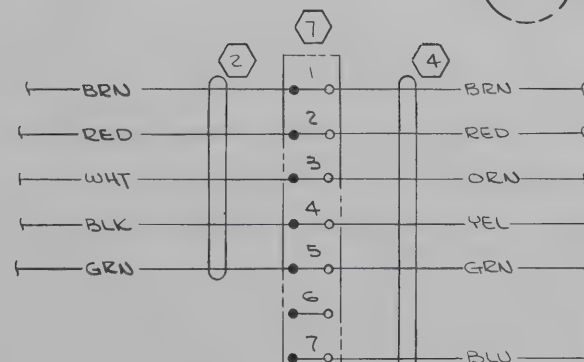
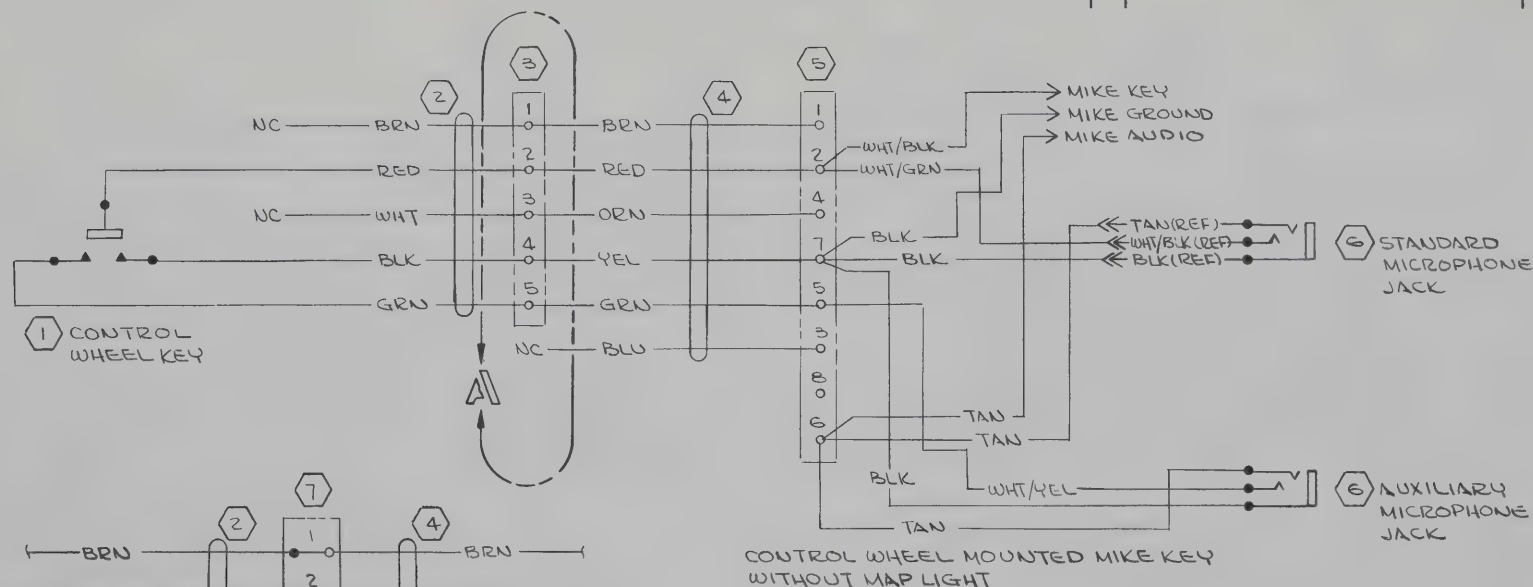
EQUIPMENT TABLE	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.	SUPERSEDES: 1570001 PAGE 2.5.1 1570001 PAGE 2.5.1 SUPERSEDED BY: 1570001 PAGE 2.6.1.4

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLK(3)	22	-22-0	S-1367-1	7	
RED/YEL(2)	22	-22-2-4		7	
WHT/BLK	22	-22-9-0	S-1636-1 S-1637-1 S-1637-2		
BLK/RED	22	-22-0-2	S-1636-1 S-1637-1	7	
RED/YEL(1)	22	-22-2-9	S-1636-1 S-1637-2		
BLK(2)	22	-22-0	S-1636-1 S-1637-1 S-1637-2		
BLK(1)	22	-22-0	S-1636-1 S-1637-1 S-1637-2		
WHT/GRN	22	-22-9-5	S-1636-1 S-1637-1 S-1637-2		
WHT/YEL	22	-22-9-4	SOLDER	S-1637-2	
TAN(2)	22	-22-10	SOLDER	S-1636-1 S-1637-2	
TAN(1)	22	-22-10	SOLDER	S-1636-1 S-1637-1	

WIRE TABLE			
CONTRACT NO:	NAME	DATE	TITLE
	H. WISE	7-26-67	WIRING DIAGRAM - PITCH TRIM, MIKE & MAP LIGHT CONTROL WHEEL
DESIGN	J. HUSTON	8-30-67	
GROUP			
DRAWN			
CHECK			
STRESS			
PROJECT			
APPD			
SIZE	CODE IDENT. NO.	DWG NO.	
C	71379	1570001	
SCALE: NONE	337	PAGE: 2.6.1.0	

(SR5095) II

REVISION			
LET	DESCRIPTION	DATE	APPD



DETAIL A
CONTROL MOUNTED MIKE KEY
WITH MAP LIGHT

INACTIVE:
EFF SER 337-0756
THRU 337-1193
SEM ED&RR 10652A
8-22-69
RLY 11/10
MOS 1/10
CHS

NOTES:

1. REFER TO 1570001 PAGE 2.61.0 WHEN MIKE KEYING SWITCH IS INSTALLED IN A CONTROL WHEEL WITH AN ELECTRIC ELEVATOR TRIM SYSTEM.
 2. S-171 TERMINAL BLOCK IS REPLACED BY 1570142-2 CIRCUIT BOARD WHEN MAP LIGHT IS INSTALLED.
- 3 329636 TERMINAL (00773)

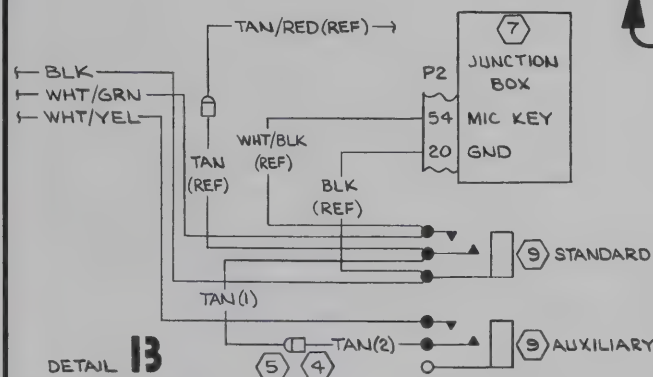
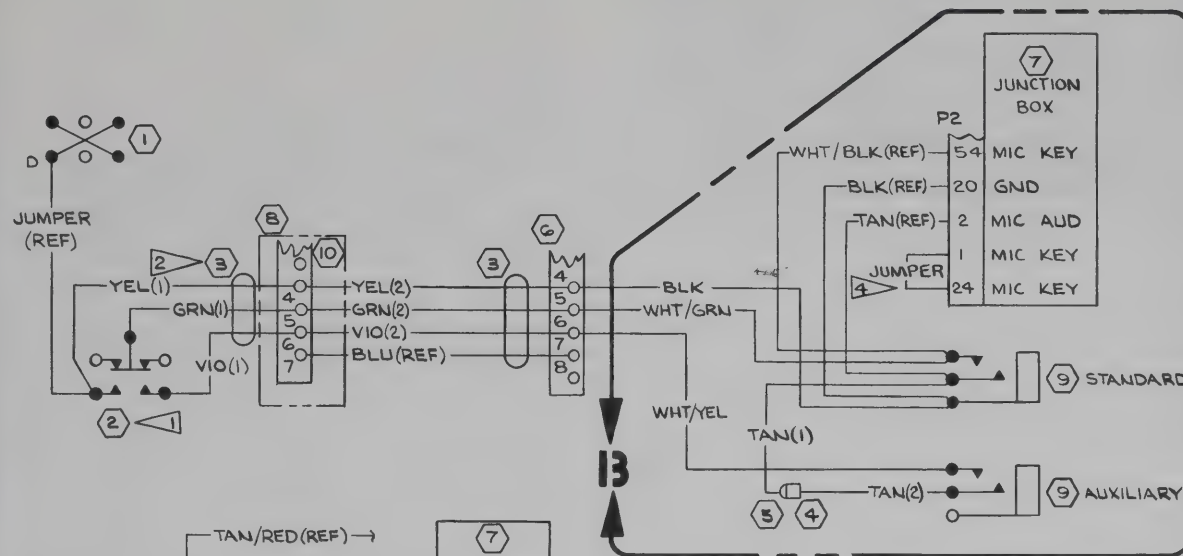
ITEM NO.	PART NO.	DESCRIPTION
7	1570142	MAP LIGHT
6	S-1102-1	JACK
5	8-171	TERM. BLOCK (71785)
4	SF-1030-BX	CABLE (08261)
3	S-171	TERM. BLOCK (71785)
2	8445	CABLE (70303)
1	A800Z	SWITCH (METH)

CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.	SUPERSEDES: 1570001 PG 2.51 SUPERSEDED BY: 1570001 PAGE 2.61.4
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WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
BLACK	22	S-1460-22-0		S-341-2	
BLACK		-22-0		S-341-2	
BLACK		-22-0		SOLDER	
WHT/GRN		-22-9.5		S-341-2	
WHT/BLK		-22-9.0		S-341-2	
WHT/YEL		-22-9.4		SOLDER	
TAN		-22-10		S-341-2	
TAN		-22-10		S-341-2	
TAN	22	S-1460-22-10		SOLDER	

WIRE TABLE			Cessna AIRCRAFT CO.	
CONTRACT NO:	NAME	DATE	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	HARDEN	1-27-68	TITLE	
GROUP			WIRING DIAGRAM -	
DRAWN	HARDEN	1-11-68	AUXILIARY MICROPHONE	
CHECK	G. IRVIN	1-24-68	JACK & CONTROL WHEEL KEY	
STRESS				
PROJECT			SIZE	CODE IDENT. NO.
APPD			C	71379
			DWG NO.	1570001
			SCALE:	PAGE: 2.61.3

REVISION			
LET	DESCRIPTION	DATE	APPD



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 (08261) CABLE
4. JUMPER REQUIRED FOR SINGLE UNIT INSTALLATION
5. 329636 (00779) TERMINAL

10	520-7	TERMINAL BLOCK	
9	S-1102-1	MIKE JACK	
8	1570229-1	TERMINAL BLOCK ASSY	
7	0570084-2	JUNCTION BOX	
6	351-11-08-001	TERMINAL BLOCK (71785)	
5	S-1637-1	HOUSING - CAP	
4	S-1637-2	HOUSING - PLUG	
3	SF-1030-BX	CABLE (08261)	
2	S-1985-1	SWITCH	
1	305-4304	SWITCH (81579)	

ITEM NO.	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: 2.61.0 & 157001 PAGE 2.61.3		
SUPERSEDED BY:		

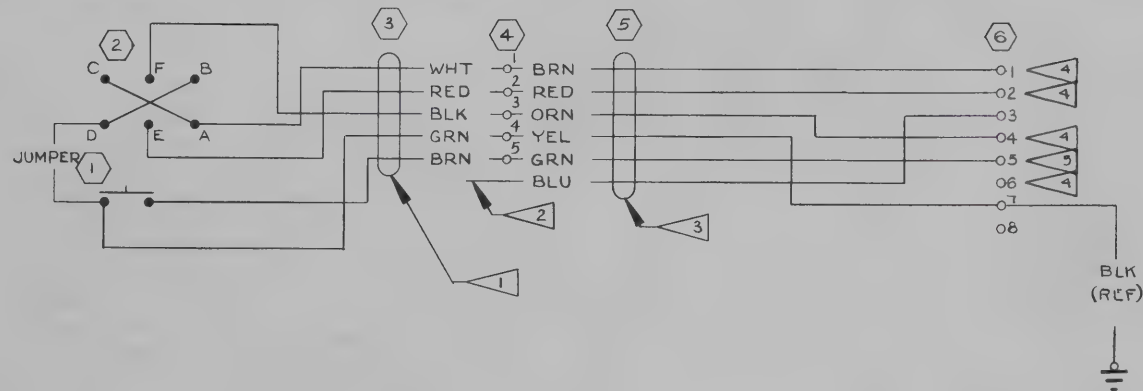
BLK	22	-22-0	5	SOLDER	
WHT/YEL	22	-22-9-4	5	SOLDER	
WHT/GRN	22	-22-9-5	5	SOLDER	
VIO (2)			3		
VIO (1)			3	SOLDER	
GRN (2)			3		
GRN (1)			3	SOLDER	
YEL (2)			3		
YEL (1)			3	SOLDER	
TAN (2)	22	-22-10	5-1636-1	SOLDER	
TAN (1)	22	-22-10	SOLDER	5-1635-1	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO:			Cessna AIRCRAFT CO.		
DESIGN	HARDEN	DATE	8-27-69	TITLE	
GROUP	H. Wine	DATE	8-27-69	WIRING DIAGRAM - MIKE SWITCH, CONTROL WHEEL	
DRAWN	MONICAL	DATE	8-22-69		
CHECK	2.YOUNGERS	DATE	8-25-69		
STRESS	P. VANDYKE	DATE	8-27-69		
PROJ	H. Lullin	DATE	8-28-69	SIZE	CODE IDENT.
APPD	M. J. J. J.	DATE	8-28-69	C	71379
OTHER				DWG NO	1570001
SCALE: NONE			337	PAGE: 2.61.4	

SER 337-0756 FON

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD SR'S ; PAGE 2.62 WAS 2.61.1 (SR 5095) IX	JWH 8-30-67	YAL (1/12)
B	BY REV: 305-4304 WAS 26006 ED&RR 01336	RLL 11-20-67	YAL (1/12)



INACTIVE:
EFF SER 337-0756
THRU 337-1193
SEM ED&RR 10652A
8-22-69
PLY
POS
JWH

NOTES:

- 1 SWITCH END OF (3) WIRES TO BE SOLDERED. TERM BLOCK END TO BE TERMINATED WITH 320733 TERMINALS (00779)
- 2 USED ONLY WITH MAP LITE
- 3 BOTH ENDS OF (5) WIRES TO BE TERMINATED WITH 320733 TERMINALS (00779)
- 4 REFER TO 1570000 PAGE 14.6.1 FOR PITCH TRIM WIRING DIAGRAM
- 5 REFER TO 1570001 PAGE 2.61.0 FOR MIKE KEYING CIRCUIT WIRING DIAGRAM

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

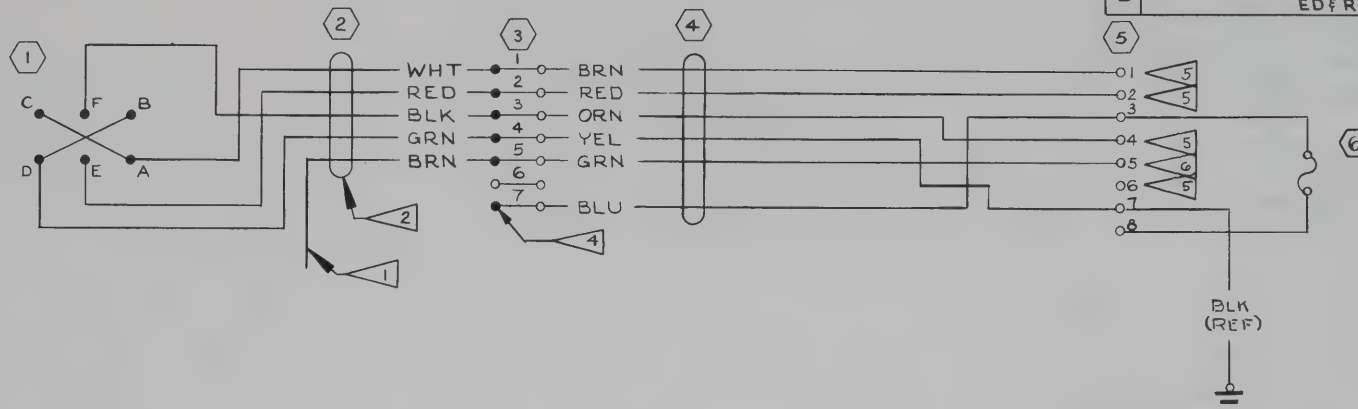
EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						
3	8445	CABLE	(70903)						
2	305-4304	SWITCH	(81579)						
1	39-1	SWITCH	(81073)						

EQUIPMENT TABLE				WIRE TABLE					
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
6	8-171	TERM BLOCK	(71785)						
5	SF-1030-BX	CABLE	(08261)						
4	5-171	TERM BLOCK	(71785)						

SER337-0756 \$0N

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD GR ; PAGE 2.63 WAS 2.61.2. (SR 5095) <i>IX</i>	JWH 8/30/67	<i>YOK ans</i>
B	BY REV: 305-4304 WAS 26006 ED&RR 01336	RLL 11-20-67	<i>WHE J/W</i>



INACTIVE:
 EFF SER 337-0756
 THRU 337-1193
 SEM ED&RR 10652A
 8-22-69
 RLY H/CO
 MOS LPV
 (R)

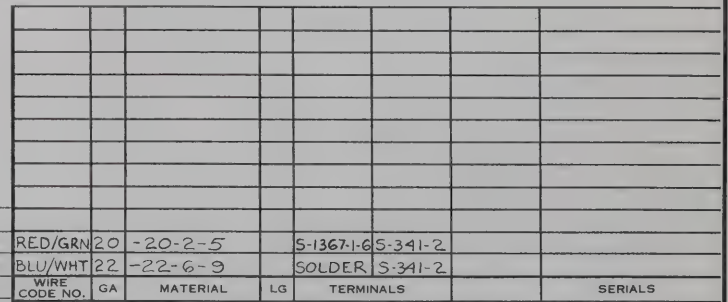
NOTES:

- 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 ETCHED CIRCUIT BOARD.
- 5 REFER TO 1570000 PAGE 19.6.1 FOR PITCH TRIM WIRING DIAGRAM.
- 6 RESERVED FOR MIKE KEYING CIRCUIT REFER TO 1570001 PAGE 2.61.0 OR 2.61.1

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
6	1570141-1	FUSE ASSY	
5	8-171	TERM BLOCK	(71785)
4	SF-1030-BX	CABLE	(08261)
3	1570142-2	CIRCUIT BOARD ASSY	
2	8445	CABLE	(70903)
1	305-4304	SWITCH	(81579)

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: 14.9 1570000 PAGE 11.14

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	N. Wise	7-29-67	TITLE		
DRAWN	J. Wedel	7-26-67	WIRING DIAGRAM -		
CHECK	W. J. J. J.	8-30-67	PITCH TRIM & MAP LIGHT		
STRESS	ans	8-31-67	CONTROL WHEEL		
PROJECT	W. J. J. J.	8-31-67	SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1570001
SCALE: NONE			337	PAGE: 2.63	

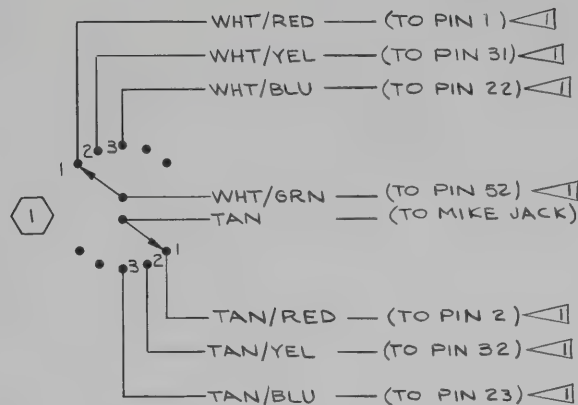


CONTRACT NO:			WIRE TABLE COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
	NAME	DATE	Cessna AIRCRAFT CO. TITLE		
DESIGN	G WOOD	9-7-67	WIRING DIAGRAM -		
GROUP	N. Wood	9-8-67	AUDIO SYSTEM - DUAL 400		
DRAWN	G WOOD	9-7-67	NAV/COM & 400 COM		
CHECK	LAURIE	9-8-67	(ARC TYPE 522A & 532A)		
STRESS	ang	9-11-67			
PROJECT	Mc Keele	9-15-67	SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1570001
			SCALE:		PAGE: 2 of 4

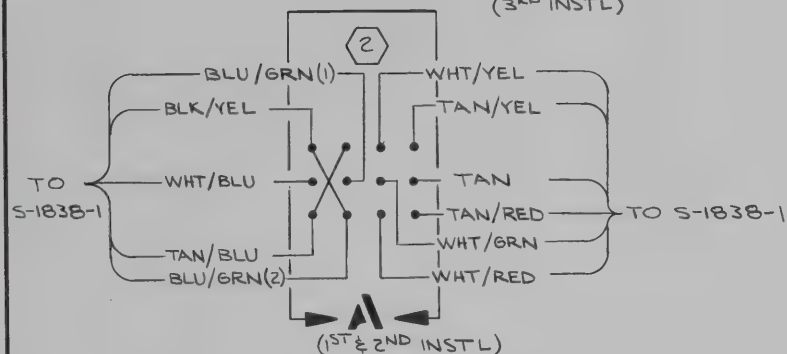
SUPERSEDES:

SUPERSEDED BY:

PLUG P2 OF 0570084-2 JCT BOX ASSY



DETAIL A
(3RD INSTL)



REVISION			
LET	DESCRIPTION	DATE	APPD
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&RR10025 (SR544) II	EGY 8-5-68	GLI NIDS DARR LUBB 11
B	BY REV: P2 WAS PI IN NOTE 1 ED&RR 10556	P6P 8-19-68	RLY NIDS SPY BLEN

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	-22-10-6	SOLDER	S-1837-1		
TAN/YEL	22	-22-10-4				
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	SOLDERS	S-1837-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

WIRE TABLE

CONTRACT NO:

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

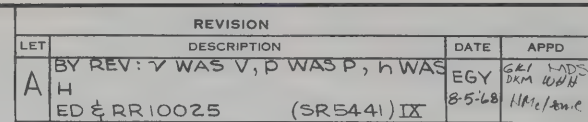
	NAME	DATE	Cessna AIRCRAFT CO.		WICHITA, KANSAS
DESIGN	2433	5-2-68	TITLE		
GROUP	27 Wings	5-10-68	WIRING DIAGRAM -		
DRAWN	YOUNGERS	4-29-69	SELECTOR SWITCH -		
CHECK	G. IRVIN	5-3-68	TRANSMITTER		
STRESS	L. K. M. ...	5-10-68			
PROJECT	28 letters	5-10-68			
APPD	ANN ...	5-5-68			
			SIZE	CODE IDENT. NO.	DWG NO.
			C	71379	1570001
			SCALE: NONE		337
					PAGE: 2.66.2

2	S-1697-1	SWITCH
1	MRA-2-S	SWITCH (95146)
ITEM NO.	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 2.66.1

EDERR 01852 (SR5441) IX



CONTRACT NO:			WIRE TABLE  CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE		
GROUP	<i>W. W. W. W.</i>	<i>5-10-68</i>	WIRING DIAGRAM —		
DRAWN	YOUNGERS	4-29-68	CESSNA 400 TRANSPONDER		
CHECK	G. IRVIN	5-9-68	(ARC TYPE 506A)		
STRESS	<i>OK M. C. C.</i>	<i>5-10-68</i>			
PROJECT	<i>OK S. S.</i>	<i>5-10-68</i>			
APPD	SWANEY	5-9-68	SIZE C	CODE IDENT. NO. 71379	DWG NO. 1570001
			SCALE: NONE		337 PAGE: 2.69.3

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

NO.	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 2.6 SUPERSEDED BY:

SUPERSEDES:
P 2.69.1
SUPERSEDED BY:

EDERR 01852 (SR5441) IX

REVISION			
LET	DESCRIPTION	DATE	APPD

RED/WHT	18	-18-2-9	S-1367-2-6	SOLDER		
RED/GRN	20	-20-2-5	SOLDER			
RED/BLU	16	-16-2-6	S-1367-2-6			
RED/BLK	18	-18-2-0	SOLDER			
RED	16	-16-2	S-1367-2-6			
GRN/YEL	20	-20-5-4	SOLDER			
GRN/WHT	20	-20-5-9				
GRN/RED(2)	20	-20-5-2				
GRN/BLU	20	-20-5-6		SOLDER		
GRN	20	-20-5		S-1837-1		
YEL/TAN(2)	22	-22-4-10		SOLDER		
GRN/RED(1)	22	-22-5-2		SOLDER		
BLU/TAN(4)	22	-22-6-10		S-1837-1		
BLU/TAN(3)	22	-22-6-10				
BLU/TAN(2)	22	-22-6-10				
BLU/TAN(1)	22	-22-6-10				
BLUE	22	-22-6		S-1837-1		
BLK(2)	16	-16-0	SOLDER	S-1347-2-8		
BLK(1)	16	-16-0	SOLDER	S-1367-2-8		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

14	17008	CONN (PNTR)	
13	S-1838-1	HOUSING	
12	17005	CONN (PNTR)	
11	S-1838-2	HOUSING	
10	S-1360-10	CIRCUIT BREAKER	
9	S-1360-5	CIRCUIT BREAKER	
8	17028	CONN (PNTR)	
7	17027	CONN (PNTR)	
6	17025	CONN (PNTR)	
5	S-1838-3	HOUSING	
4	C589502-0201	ANT. LOAD BOX	
3	0570084-2	AUD JCT BOX ASSY	
2	C582103-0301	POWER SUPPLY	
1	C582103-0101	TRANSCEIVER	

ITEM NO.	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:		
SUPERSEDED BY:		

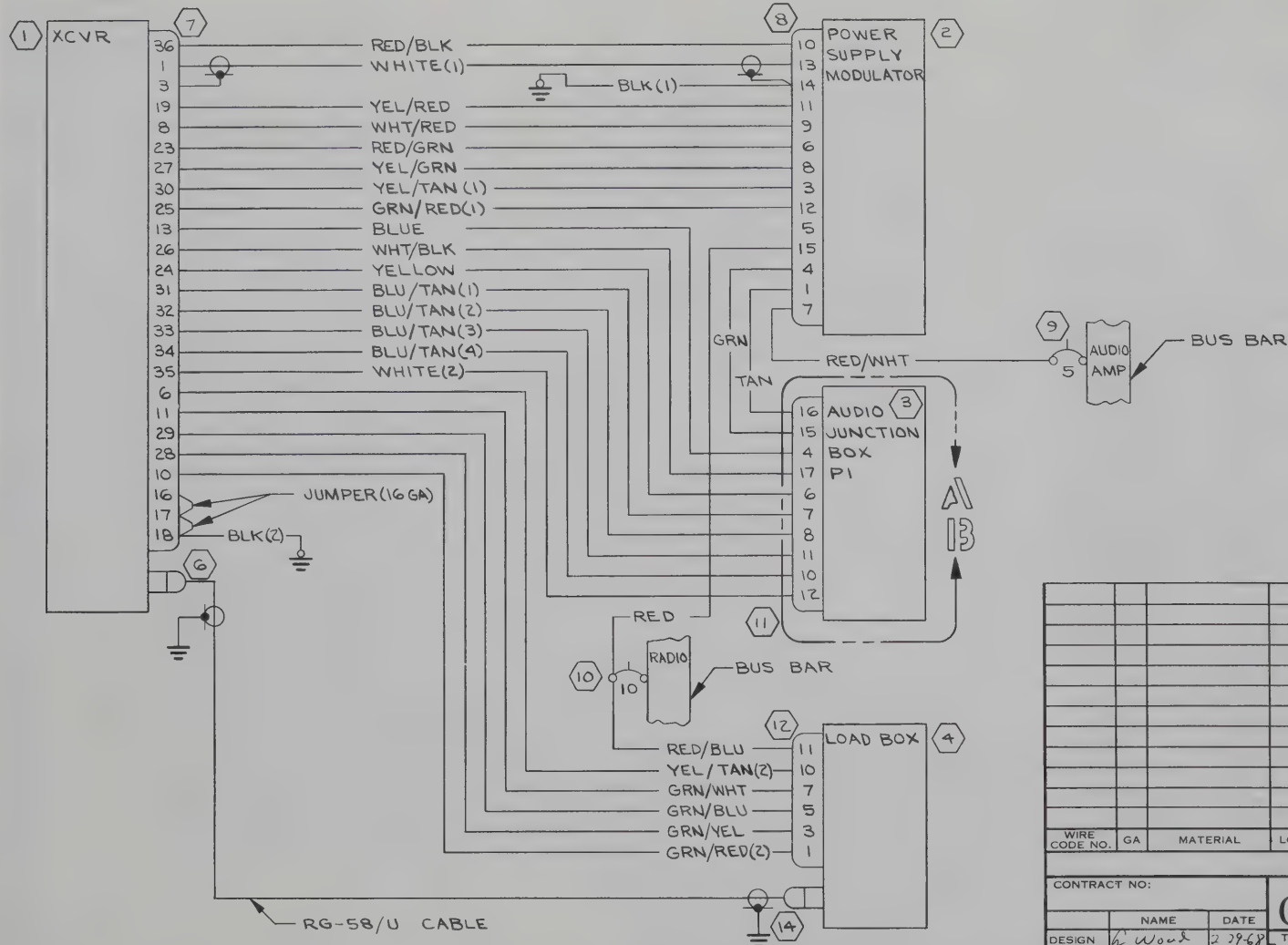
CABLE		RG-58/U				
YEL/TAN(1)	20	-20-4-10	SOLDER	SOLDER		
YEL/RED	20	-20-4-2		SOLDER		
YEL/GRN	20	-20-4-5		SOLDER		
YEL	18	-18-4		S-1837-1		
WHT/RED	22	-22-9-2		SOLDER		
WHT/BLK	22	-22-9-0		S-1837-1		
WHT(2)	22	-22-9		S-1837-1		
WHT(1)	20S	-20-9		SOLDER		
TAN	22	-22-10	SOLDER	S-1837-1		
WIRE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS	

WIRE TABLE

WIRE TABLE

CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.			
GROUP			TITLE			
DRAWN	C. GARCIA	2-15-68	WIRING DIAGRAM -			
CHECK	LAURIC RRS	2-17-68	CESSNA 300 HF			
STRESS	OK M'Cash	2-20-68				
PROJECT	M. Jella	3-5-68	SIZE	CODE IDENT.	DWG NO.	
APPD	JSM	2-10-68	C	71379	1570001	
SCALE: NONE			337		PAGE: 2.71.1.0	

ED 89 01820 (SR5441) IX

[illegible]

WIRE TABLE

CONTRACT NO:

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna AIRCRAFT CO.

	NAME	DATE
DESIGN	H. Wood	2-29-6
GROUP	H. Wise	2-21-6
DRAWN	C. GARCIA	2-15-6
CHECK	LAURIE RKS	2-17-68
STRESS	OK W. Cook	2-20-6
PROJECT	OK Satter...	3-5-6
APPD	JSM	3-20-6

8 TITLE
8 WIRING DIAGRAM -
8 CESSNA 300 HF

SIZE C	CODE IDENT. NO. 71379	DWG NO. 15700001
SCALE: NONE		PAGE: 271.1.1

ITEM NO.	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:

SUPERSEDED BY:

The diagram shows the wiring for the Power Supply Modulator and Audio Junction Box P4. The Power Supply Modulator has terminals 4, 1, 2, 7, 8, 13, and 14. The Audio Junction Box P4 has terminals T, S, D, U, F, H, J, M, N, and L. The wiring is as follows:

- Terminal 1 (XCVR) is connected to terminal 7.
- Terminal 13 is connected to terminal 4 (BLUE).
- Terminal 26 is connected to terminal 1 (WHT/BLK).
- Terminal 24 is connected to terminal 2 (YELLOW).
- Terminal 31 is connected to terminal 8 (BLU/TAN(1)).
- Terminal 32 is connected to terminal 13 (BLU/TAN(2)).
- Terminal 33 is connected to terminal 14 (BLU/TAN(3)).
- Terminal 34 is connected to terminal 13 (BLU/TAN(4)).
- Terminal 35 is connected to terminal L (WHITE).

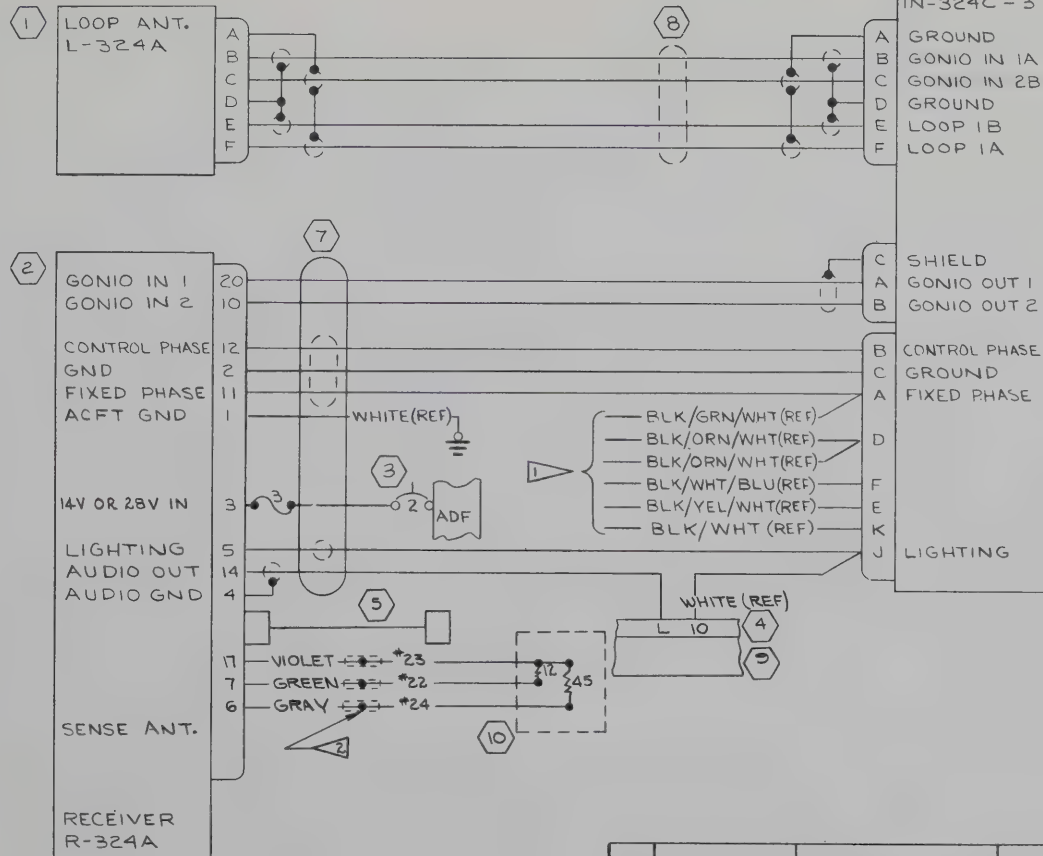
A hand-drawn wiring diagram showing the connection between three components: an XCVR, a POWER SUPPLY MODULATOR, and an AUDIO JUNCTION BOX P3.

- XCVR (Component 1):** Has terminals 13, 26, and 24. It is connected to the AUDIO JUNCTION BOX P3 via three wires labeled BLUE, WHT/BLK, and YELLOW.
- POWER SUPPLY MODULATOR (Component 2):** Has terminals 4 and 1. It is connected to the AUDIO JUNCTION BOX P3 via two wires labeled GRN and TAN.
- AUDIO JUNCTION BOX P3 (Component 3):** Has terminals 3, 5, 6, 4, and 8. It receives all five input wires from the other two components.

The components are numbered 1, 2, and 3 in hexagonal boxes. The wires are color-coded: BLUE, WHT/BLK, YELLOW, GRN, and TAN.

[illegible]

ITEM NO.	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.		SUPERSEDED: SUPERSEDED BY:	



NOTES:

- 1 THESE WIRES TO BE CUT & CAPPED APPROX 2.00 FROM PLUG WHEN IN 324 IS USED
- 2 THESE ARE SOLDERED CONNECTIONS COVERED WITH HEAT SHRINK TUBING

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
10	38422-0028	CABLE ASSY + RES BOX	
9	0570084-2	JUNCTION BOX ASSY	
8	33827-0000	LOOP CABLE ASSY (00781)	
7	38422-0028	CABLE ASSY (00781)	
6	38450-0003	GONIOMETER IND (00781)	
5	1570001-2008	CABLE ASSY	
4	S-1838-3	HOUSING	
3	S-1360-2	CIRCUIT BKR	
2	36380-1000	RECEIVER (00781)	
1	36420-1100	LOOP ANT. (00781)	

ITEM NO.	PART NO.	DESCRIPTION	VENDOR
10	38422-0028	CABLE ASSY + RES BOX	
9	0570084-2	JUNCTION BOX ASSY	
8	33827-0000	LOOP CABLE ASSY (00781)	
7	38422-0028	CABLE ASSY (00781)	
6	38450-0003	GONIOMETER IND (00781)	
5	1570001-2008	CABLE ASSY	
4	S-1838-3	HOUSING	
3	S-1360-2	CIRCUIT BKR	
2	36380-1000	RECEIVER (00781)	
1	36420-1100	LOOP ANT. (00781)	

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

SUPERSEDES:

SUPERSEDED BY:

GONIOMETER-
INDICATOR
IN-324C-3

A GROUND
B GONIO IN 1A
C GONIO IN 2B
D GROUND
E LOOP 1B
F LOOP 1A

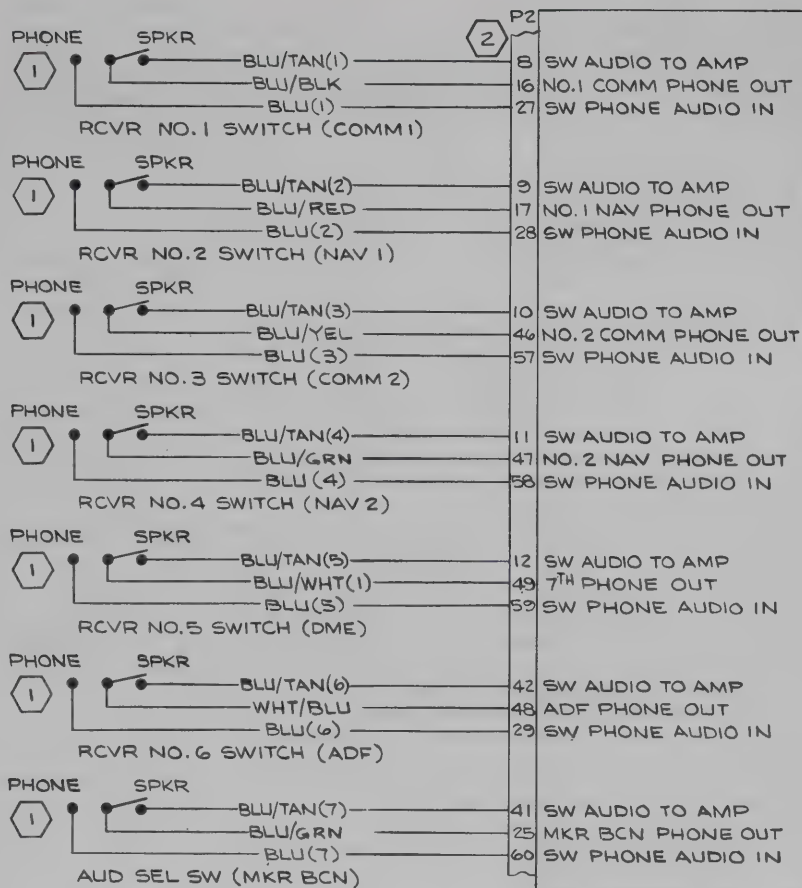
C SHIELD
A GONIO OUT 1
B GONIO OUT 2
B CONTROL PHASE
C GROUND
A FIXED PHASE
D
F
E
K
J LIGHTING

6

REVISION				
LET	DESCRIPTION	DATE	APPD	
A	BY REV: S-1360-2 WAS S-1367-3: ADD NOTE 1; CHG PICTURE TO SHOW 3A FUSE ED FRR 1011G	RRS 9-10-68	RCA MDS DICK JWH 7/1/68	
B	BY REV: ADD 38422-0028 + NOTE 2 ED FRR 10131 (SER 337-0979 + ON)	FER 9-30-68	JWH MDS DICK JWH	

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	G. GARCIA	5-17-68	WIRING DIAGRAM -			
DRAWN	G. IRVIN	5-6-68	CESSNA 400 ADF			
CHECK	G. IRVIN	5-9-68	(ARC TYPE 324A)			
STRESS	W. M. ...	5-13-68				
PROJECT	S. J. ...	5-1-68				
APPD	SWANF.	5-10-68				
SIZE	CODE IDENT. NO.	DWG NO.				
C	71379	1570001				
SCALE: NONE		337	PAGE: 2,721			

ED & RR 02335 (SR5441) IX



NOTES:

1. "PHONE" FUNCTION ON KEYWAY SIDE OF SW

ITEM NO.	PART NO.	DESCRIPTION	PAGE
3	0570084-2	JCT BOX ASSY	7.13
2	S-1838-2	HOUSING	
1	S-1695-1	SWITCH	2.73.0

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

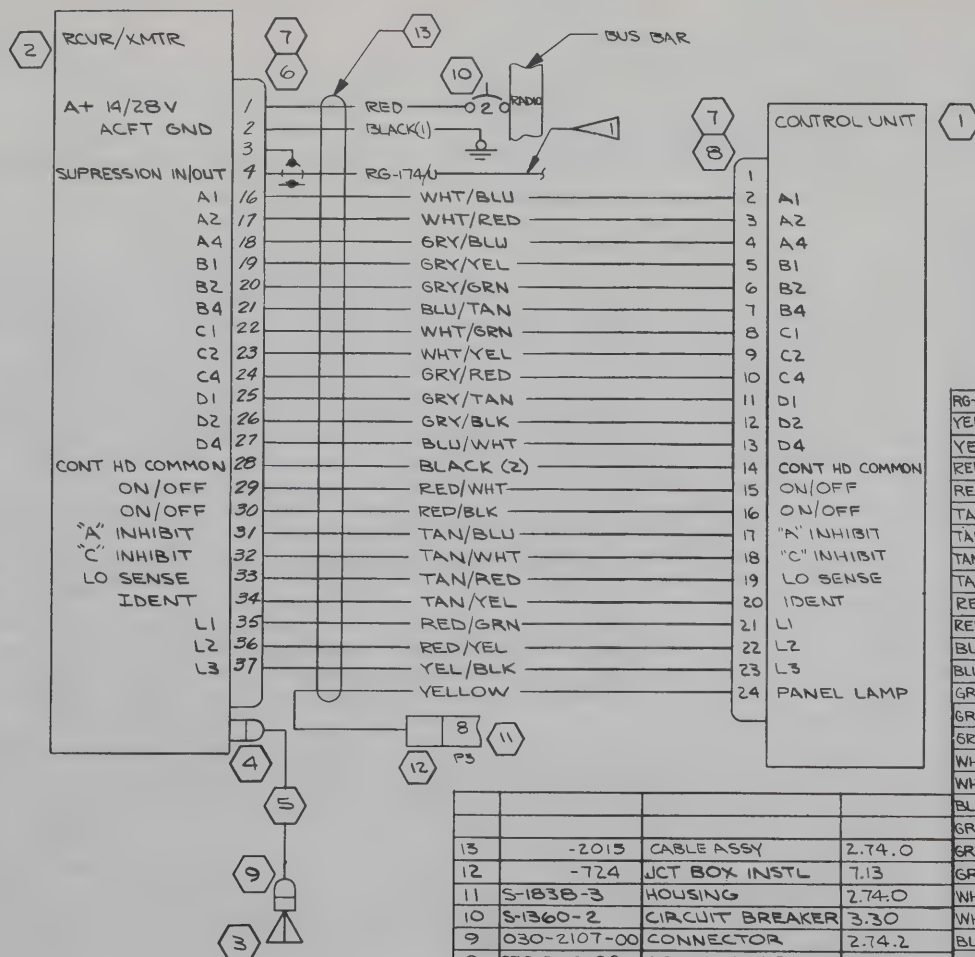
SUPERSEDES:
P 2.73.1
SUPERSEDED BY:

DESIGN	NAME	DATE
GROUP	H. WISE	5/21/68
DRAWN	C. GARCIA	5/14/68
CHECK	G. IRVIN	5/18/68
STRESS	M. CASH	5/19/68
PROJECT	J. R. SATTLER	5/22/68
APPD	SWANEY	5/18/68

CONTRACT NO:	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS
Cessna AIRCRAFT CO.	
TITLE	WIRING DIAGRAM - AUDIO SELECTOR SWITCHES, ACCESSORY KITS
SIZE	C
CODE IDENT. NO.	71379
DWG NO.	1570001
SCALE:	NONE
PAGE:	337

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 ED & RR 24024 & 10147 (SR 5441) IX	JWH 7/29/68	GKI MDS DGM NED NMC

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WHT/BLU	22	-22-9-6	36"	S-1837-1	SOLDER
BLU/TAN(7)		-22-6-10			
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-			
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			
BLU(6)		-22-6			
BLU(5)		-22-6			
BLU(4)		-22-6			
BLU(3)		-22-6			
BLU(2)		-22-6			
BLU(1)	22	-22-6	36"	S-1837-1	SOLDER



REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: GRN/RED WAS GRN/GRN(2), RED/WHT WAS RED(1), RED/BLK WAS RED(2), RED/YEL WAS YEL/WHT, YELLOW WAS GRN/YEL(2), GRN/YEL WAS GRN/YEL(1), GRN/GRN WAS GRN/GRN(1), RED WAS RED(3), S-1360-2 WAS S-1360-5 ED & RR 10337 (SR5905)	1-23-69	RLY JWH TMS DKM HFW

RG-174/U	CABLE	SOLDER	
YELLOW	20 -20-4	SOLDER S-1837-1	
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/WHT	22 -22-10-9		
TAN/BLU	22 -22-10-6		
RED/BLK	18 -18-2-0		
RED/WHT	18 -18-2-9		
BLACK(2)	20 -20-0		
BLU/WHT	22 -22-6-9		
GRY/BLK	22 -22-8-0		
GRY/TAN	22 -22-8-10		
GRY/RED	22 -22-8-2		
WHT/YEL	22 -22-9-4		
WHT/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		
WHT/RED	22 -22-9-2		
WHT/BLU	22 -22-9-6	SOLDER	
BLACK(1)	18 -18-0	S-1361-2-B	
RED	18 -18-2	SOLDER S-1361-2-B	

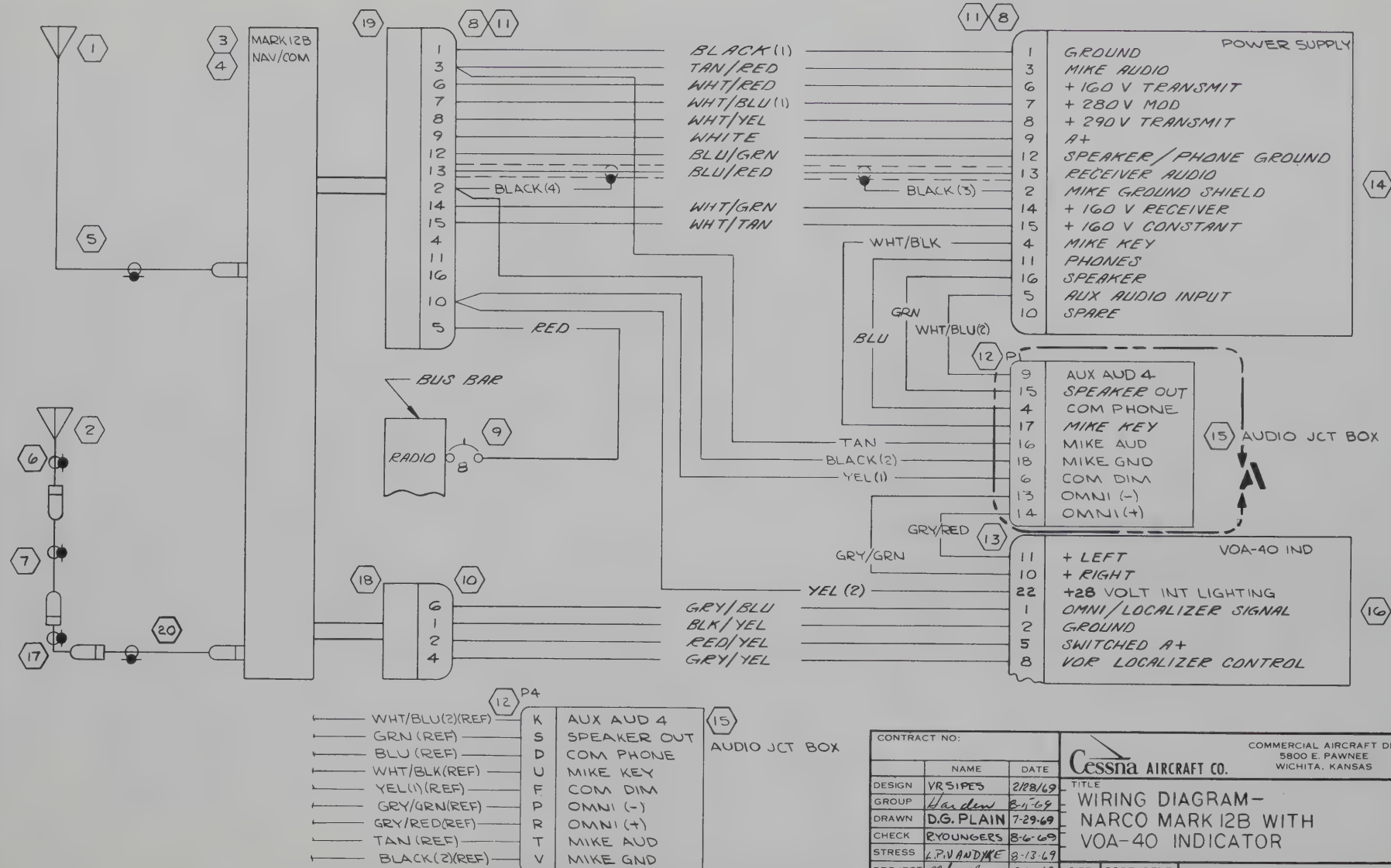
NOTES:

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

ITEM NO.	PART NO.	DESCRIPTION	PAGE
13	-2015	CABLE ASSY	2.74.0
12	-724	JCT BOX INSTL	7.13
11	S-1838-3	HOUSING	2.74.0
10	S-1360-2	CIRCUIT BREAKER	3.30
9	030-2107-00	CONNECTOR	2.74.2
8	030-2102-00	CONNECTOR	2.74.0
7	030-1019-00	CABLE CLAMP HALF	3.30 & 4.33
6	030-2109-00	CONNECTOR	2.74.0
5	-2016	CABLE ASSY	2.74.2
4	030-0060-00	CONNECTOR	2.74.2
3	C589505-0101	ANTENNA	6.26
2	C589504-0101	RCVR/XMTR UNIT 12V	4.33
1	C589503-0101	CONTROL PANEL 12V	3.30

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CONTRACT NO:					
DESIGN	NAME	DATE	TITLE		
GROUP	H. W. W. 11-1-68	11-1-68	WIRING DIAGRAM -		
DRAWN	YOUNGERS	10-31-68	CESSNA 300 TRANSPONDER		
CHECK	HARRIS	11-5-68			
STRESS	OK M. Cook	11-11-68			
PROJECT	H. M. Carter	11-18-68			
APPD	SWANEY	11-7-68			
SIZE	CODE IDENT. NO.	DWG NO.			
C	71379	1570001			
SCALE: NONE		337	PAGE: 2.74.1		

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	VR51PES	2/28/69	TITLE		
DRAWN	Handwritten	8-1-69	WIRING DIAGRAM-		
CHECK	D.G. PLAIN	7-29-69	NARCO MARK 12B WITH		
STRESS	RYOUNGERS	8-6-69	VOA-40 INDICATOR		
PROJECT	L.P.V. AND ME	8-13-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	Handwritten	8-12-69	C	71379	1570001
SUPERSEDES:			SCALE: NONE	337	PAGE: 2, 75.2

REVISION			
LET	DESCRIPTION	DATE	APPD

BLACK(5)	22	-22-0	S-1635-1	S-1635-1		
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	22	-22-9-6	SOLDER	S-1837-1		
TAN/WHT	22	-22-10-9	SOLDER	S-1635-1		
TAN/BLU	22	-22-10-6	SOLDER	S-1635-1		
TAN/YEL	22	-22-10-4	SOLDER	S-1635-1		
BLK/YEL	22	-22-0-4	SOLDER	S-1635-1		
WHITE	14	-14-9	SOLDER	SOLDER		
BLACK(1)	16	-16-0	SOLDER	SOLDER		
RED	16	-16-2	S-1367-26	SOLDER		
YEL (1)	18	-18-4	SOLDER	S-1837-1		
YEL (2)	18	-18-4		SOLDER		
GRN	20	-20-5		S-1837-1		

23	-266	CABLE ASSY	2.11
22	-238	CABLE ASSY	2.11
21	41181-3	CONNECTOR	
20	41117-1	CONNECTOR	
19	41291-101	CONNECTOR	2.76.0
18	8-1641-6	HOUSING-SOCKET	2.77.0
17	8-1640-6	HOUSING-PIN	2.76.0
16	VOA-50M	INDICATOR	3.31.0
15	0570084-2	JCT BOX ASSY	7.13
14	T(12)MP-12A-1	PWR AUDIO UNIT	4.39
13	1773-100	CONN KIT ASSY	2.76.0
12	8-1838-2	HOUSING	2.76.0
11	K41182-2	CAP	2.76.0
10	K41116-1	CONNECTOR	2.76.0
9	8-1360-8	CKT BKR	3.31
8	K41271-1	PLUG	2.76.0
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	UGR-2	GLIDESLOPE RCVR	4.40
2	1270012-1	ANT. - NAV	6.4
1	C598501-0102	ANT. - COMM	6.24

BLUE	22	-22-6				
WHT/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	
WHT/RED	22	-22-9-2				
WHT/BLU	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 TABLE			CONTRACT NO.: NAME: YR SIPE DATE: 2/28/69 GROUP: Hardin DRAWN: D.G. PLAIN CHECK: R. YOUNGERS STRESS: L. J. VAN DYKE PROJECT: 1270012-1 APPD: 1270012-1			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS Cessna AIRCRAFT CO. TITLE: WIRING DIAGRAM - NARCO MARK 12B WITH VOA-50M INDICATOR		
SIZE: C	CODE IDENT. NO.: 71379	DWG NO.: 1570001	SCALE: NONE			PAGE: 2.76.1		

EQUIPMENT TABLE		SUPSEDES: SUPSEDED BY:	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX=CESSNA SPEC. NO. S-XXX OR CMXXXX=CESSNA STD. NO.		ITEM NO. PART NO. DESCRIPTION PAGE	

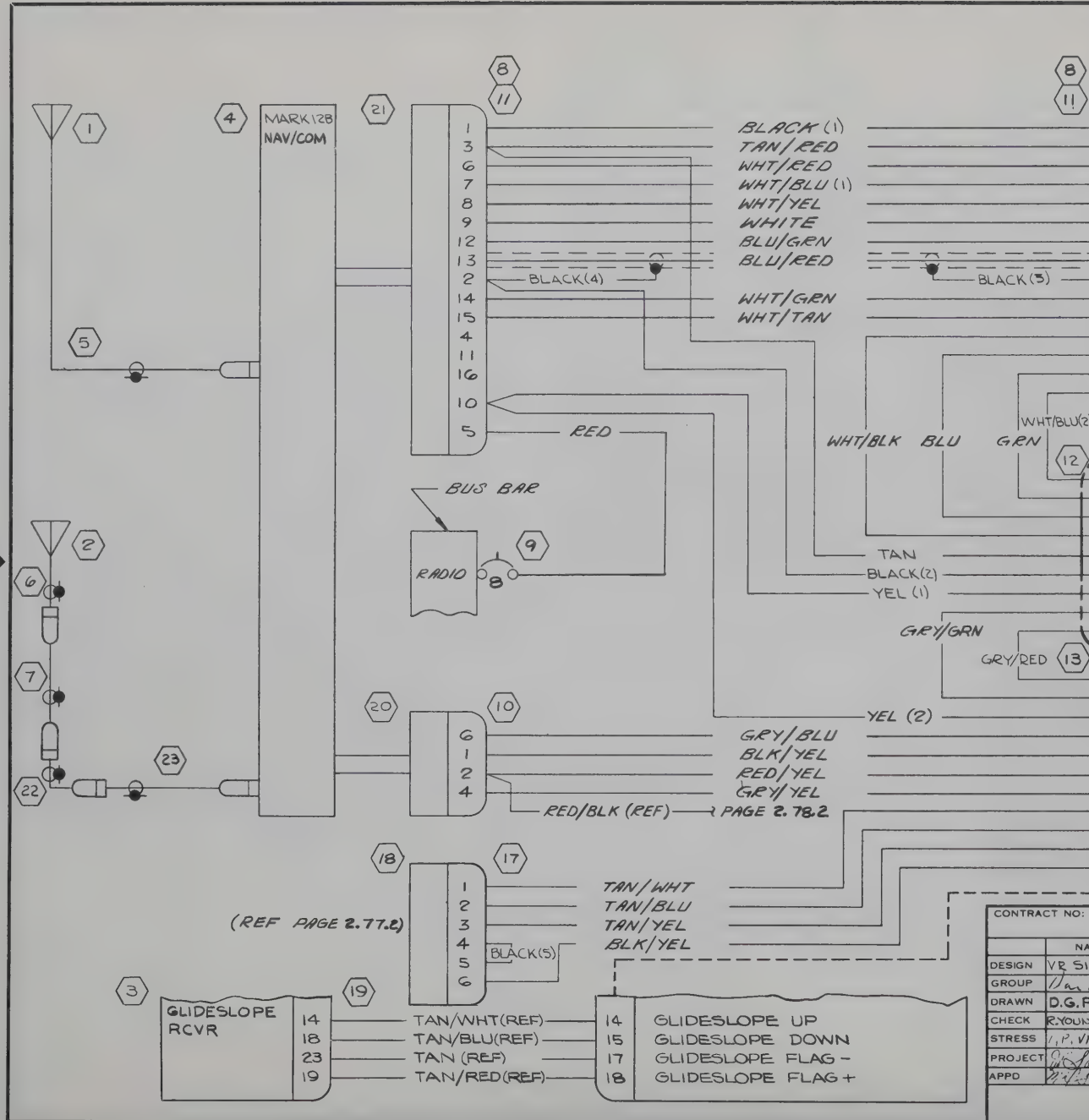
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

1	GROUND
3	MIKE AUDIO
6	+ 160 V TRANSMIT
7	+ 280 V MOD
8	+ 290 V TRANSMIT
9	A +
12	SPEAKER/PHONE GROUND
13	RECEIVER AUDIO
2	MIKE GROUND SHIELD
14	+ 160 V RECEIVER
15	+ 160 V CONSTANT
4	MIKE KEY
11	PHONES
16	SPEAKER
5	AUX AUDIO INPUT
10	SPARE

9	AUX AUD 4
15	SPEAKER OUT
4	COM PHONE
17	MIKE KEY
16	MIKE AUD
18	MIKE GND
6	COM DIM
13	OMNI (-)
14	OMNI (+)

11	+ LEFT
10	+ RIGHT
22	+28VOLT INT LIGHTING
1	OMNI/LOCALIZER SIGNAL
2	GROUND
5	SWITCHED A +
8	VOR LOCALIZER CONTROL
19	MARKER (WHITE)
21	MARKER (BLUE)
23	MARKER (AMBER)
24	MARKER COMMON

CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE
GROUP	VR SIPS	2/23/68	Cessna AIRCRAFT CO.
DRAWN	D.G. PLAIN	7-29-69	WIRING DIAGRAM - NARCO
CHECK	R. YOUNGERS	8-6-69	MARK 12B WITH VOA - 50M
STRESS	J. P. VANDYKE	8-15-69	INDICATOR
PROJECT	C. J. PATT	8-17-69	SIZE
APPD	W. J. JONES	8-17-69	CODE IDENT. NO.
		C	71379
		DWG NO. 1570001	
		SCALE: NONE	PAGE: 2.76.2



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

← WHT/BLU(2)(REF)	12	P4	K	AUX AUD 4
← GRN(REF)			S	SPEAKER OUT
← BLU(REF)			D	COM PHONE
← WHT/BLK(REF)			U	MIKE KEY
← TAN(REF)			T	MIKE AUD
← BLACK(2)(REF)			V	MIKE GND
← YEL(1)(REF)			F	COM DIM
← GRY/GRN(REF)			P	OMNI (-)
← GRY/RED(REF)			R	OMNI (+)

15 AUDIO JCT BOX

DETAIL A
(2ND INSTL)

CONTRACT NO:			 COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE		
VR SIPS		2/28/69	WIRING DIAGRAM -		
GROUP	<i>Harden</i>	8-11-69	NARCO MARK 12B WITH		
DRAWN	D.G. PLAIN	7-29-69	VOA-50M INDICATOR		
CHECK	R. YOUNGERS	8-6-69			
STRESS	C.P. VANDYKE	8-13-69			
PROJECT	<i>R. J. Allen</i>	8-17-69	SIZE	CODE IDENT. NO.	DWG NO.
APPD	<i>M. J. Young</i>	8-22-69	C	71379	1570001
SCALE: NONE			337		PAGE: 2.76.3

REVISION			
LET	DESCRIPTION	DATE	APPD

BLK (1)	18	-18-0	SOLDER	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/WHT	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		
WHT/GRN	22	-22-9-5		S-1636-1		
WHT/BLU	22	-22-9-6		S-1636-1		
WHT/TAN	22	-22-9-10	SOLDER	S-1370-1		
RED/WHT	18	-18-2	S-1837-1	S-1367-1-6		
WHT/BLK	22	-22-9-0	SEE TAN/WHT	S-1370-1		
WHT/RED	22	-22-9-2	SEE TAN/BLU	S-1370-1		
WHT/YEL	22	-22-9-4	SEE TAN/YEL	S-1370-1		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

15	VAL 3-12	RESISTOR	2.77.0
14	S-1696-4	SWITCH	2.77.0
13	F4	DIODE	2.77.0
12	S-1640-6	HOUSING - PIN	2.76.0
11	S-1641-6	HOUSING - SOCKET	2.77.0
10	S-1360-2	CIRCUIT BREAKER	2.47.3
9	S-1696-2	SWITCH	2.77.0
8	S-1695-1	SWITCH	2.73.0
7	S-1838-1	HOUSING	2.77.0
6	S-1838-3	HOUSING	2.77.0
5	28371-0009	CONNECTOR	2.77.0
4	C589506-0101	ANTENNA	6.29
3	-265	CABLE ASSY	2.4
2	0570084-2	JCT BOX ASSY	7.13
1	31240-0028	RECEIVER	4.13

ITEM NO.	PART NO.	DESCRIPTION	PAGE

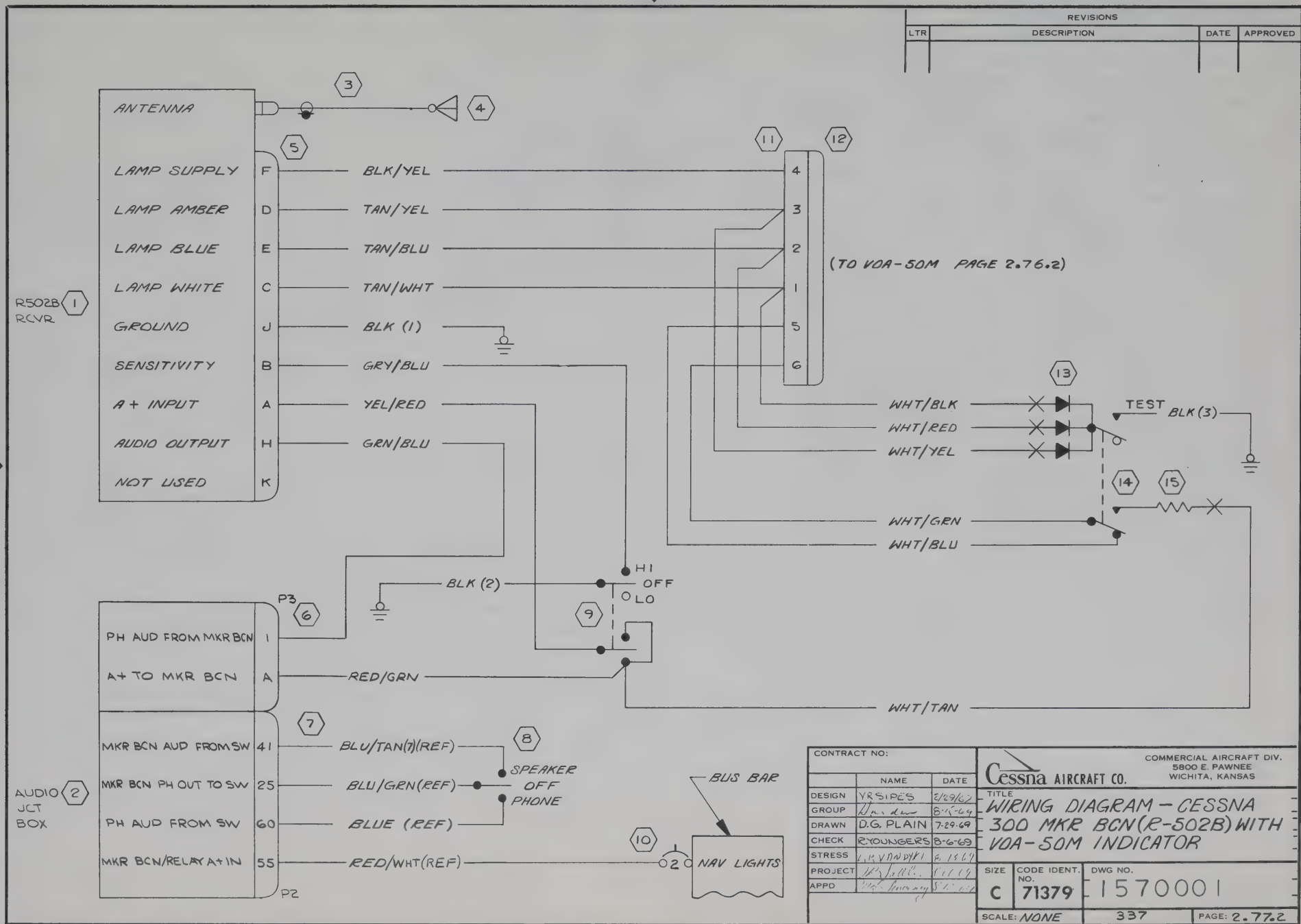
EQUIPMENT TABLE

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

SUPERSEDES:

SUPERSEDED BY:

CONTRACT NO:			WIRE TABLE		
DESIGN			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
NAME			Cessna AIRCRAFT CO.		
DATE			TITLE		
YR SIPS			WIRING DIAGRAM -		
GROUP			CESSNA 300 MKR BCN (R-502B)		
DRAWN			WITH VOA-50M INDICATOR		
CHECK			SIZE		
STRESS			CODE IDENT. NO.		
PROJECT			DWG NO.		
APPD			C 71379 1570001		
SCALE: NONE			337		
PAGE: 2.77.1					



REVISION			
LET	DESCRIPTION		DATE

BLK (2)	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					

12	MRA-14S	PIGTAIL	2.78.0
11	-206	CABLE ASSY	2.6
10	MK-12B	NAV/COM UNIT	3.31.0
9	1773-100	CONN KIT ASSY	2.76.0
8	K41116-1	CONNECTOR	2.76.0
7	41247-102	CONNECTOR	2.78.0
6	470Ω 1/4 W	RESISTOR	2.78.0
5	1KΩ 1/4 W	RESISTOR	2.78.0
4	41291-101	CONNECTOR	2.78.0
3	1200098-1	GLIDESLOPE ANTENNA	6.2
2	VOA-50M	INDICATOR	3.31.0
1	UGR-2	RECEIVER	4.40

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

SUPERSEDES:

SUPERSEDED BY:

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
------	----	----------	----	-----------	---------

WIRE TABLE

CONTRACT NO.			Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
DESIGN	VR 51PES	DATE	TITLE	
GROUP	Wardner	8-1-69	WIRING DIAGRAM -	
DRAWN	D.G. PLAIN	7-29-69	UGR-2 GLIDESLOPE WITH NARCO	
CHECK	EYOUNGERS	8-10-69	MARK 12B & VOA-50M INDICATOR	
STRESS	1113 V JND DPK	8-15-69	SIZE	CODE IDENT. NO.
PROJECT	W. J. ALLEN	8-1-69	C	71379
APPD	W. J. ALLEN	8-1-69	DWG NO.	1570001
SCALE: NONE			337	PAGE: 2.78.1

ED & RE 10440 (SR 6033) IV

NARCO MARK 12B
POWER SUPPLY
NO.1

NARCO MARK 12B
POWER SUPPLY
NO.2

NARCO MARK 12B
NO.2

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

NARCO MARK 12B
NO.1

S-1838-2 HOUSING

KING KA-25C
150 AMPL

500Ω AUD IN
500Ω AUD IN
500Ω AUD IN
500Ω AUD IN
MIKE KEY
4Ω SPKR OUT
XMTR CONTROL
A+
GROUND
MIC GROUND

M BLU/TAN
K BLU/TAN
F BLU/TAN
N BLU/TAN
C BLU/TAN
H WHT/BLK
B GRN
V WHT/GRN
A RED/GRN
D BLK
X BLK/BLU

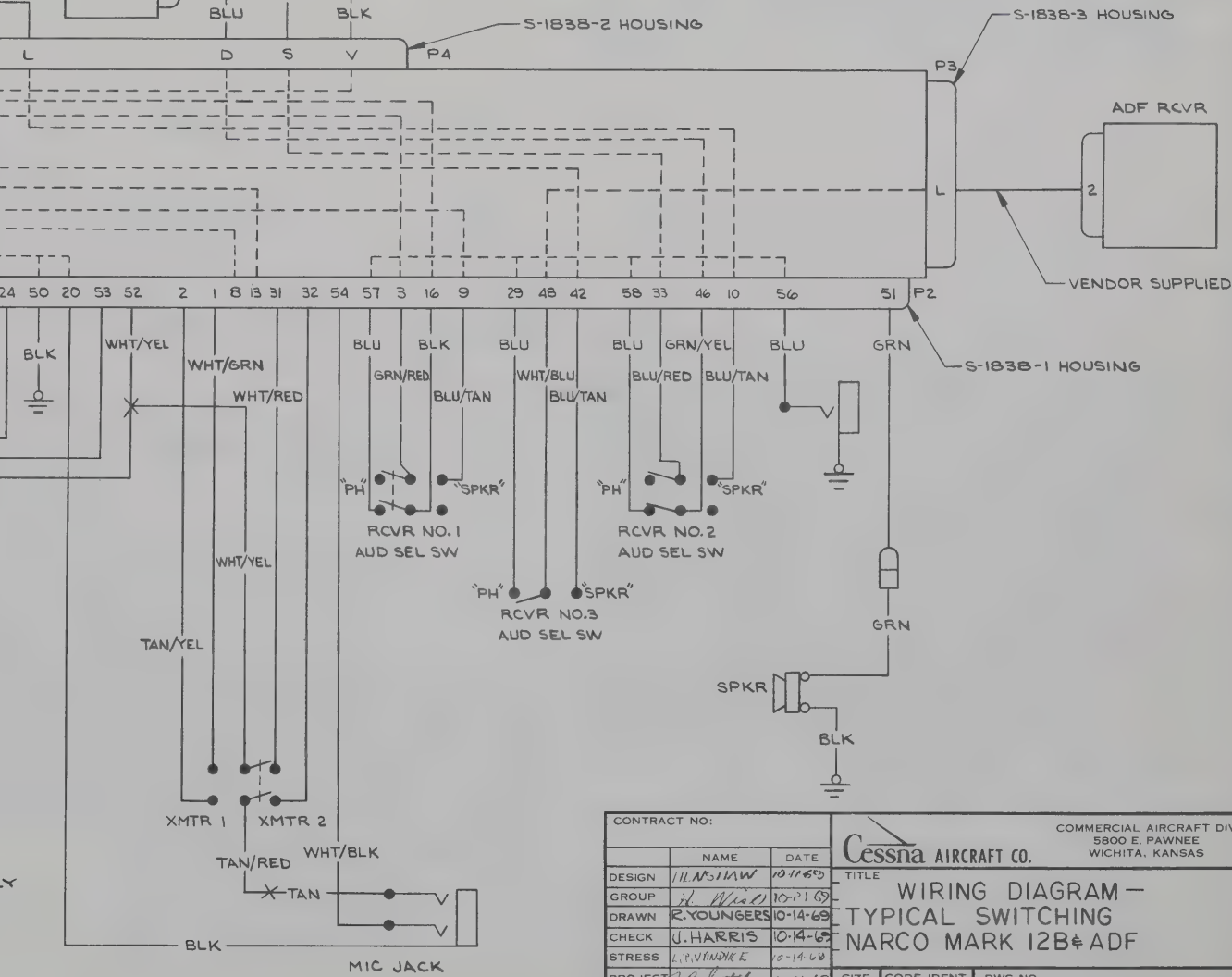
RED(REF)

BUS BAR

AUD AMP

NOTES:

1. THIS PAGE IS A REFERENCE PRINT ONLY



CONTRACT NO:		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS			
DESIGN	NAME	DATE	Cessna AIRCRAFT CO. TITLE WIRING DIAGRAM - TYPICAL SWITCHING NARCO MARK 12B & ADF		
GROUP					
DRAWN					
CHECK					
STRESS					
PROJECT			SIZE	CODE IDENT. NO.	DWG NO.
APPD			C	71379	1570001
SCALE: NONE			337	PAGE: 2.79	



NOTES:

- 1 74403 PLUG (12338) SUNAIR NUMBER
FOR UG88C/U CONNECTOR (07497)
- 2 90873 PLUG (12338) SUNAIR NUMBER
FOR PL-259 CONNECTOR (07497)
- 3 74702 CONNECTOR (12338) SUNAIR NUMBER
FOR UG536B/U CONNECTOR (07497)

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: X WAS Y ED ERR 13182	J. D. R. 11/14/69	WJH ELY H/W

WHT/BLK(2)	22	-22-9-0	SEE WHT/BLK(1)	SOLDER			
WHT/BLK(1)	22	-22-9-0	S-1370-1	SOLDER			
WHT	20	-20-9	SOLDER	SOLDER			
BLK/WHT	18	-18-0-9		SOLDER			
TAN	22	-22-10		S-1837-1			
RED/GRN	20	-20-2-5		SOLDER			
RED/BLU	18	-18-2-6					
RED/BLK(2)	18	-18-2-0					
RED/BLK(1)	18	-18-2-0	SOLDER				
RED	12	-12-2	S-1367-3-8				
GRN/WHT	20	-20-5-9	SOLDER				
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		SOLDER			
B'U	22	-22-6		S-1837-1			
BLK(2)	12	-12-0		S-1367-3-8			
BLK(1)	20	-20-0	SOLDER	S-1367-1-8			
WIRE CODE NO.	GA.	MATERIAL	LG	TERMINALS			SERIALS

14	2034	CABLE ASSY	2.80.0
13	74702	CONNECTOR	
12	74403	PLUG	
11	90873	PLUG	
10	S-1838-2	HOUSING	2.80.1
9	0570084-2	AUDIO JCT BOX	7.13
8	74996	PLUG	2.80.0
7	-610	ANTENNA INSTL	6.7
6	S-1360-20	CIRCUIT BREAKER	3.33
5	74726	PLUG	2.80.0
4	74362	PLUG	2.80.0
3	99683	POWER AMPL(PA-1010A)	4.41
2	99816	ANTENNA COUPLER	4.42
1	99681	CONTROL UNIT	3.33

ITEM NO.	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:

RF3	R658A/U	2	2
RF2	R658A/U	1	3
RF1	R658A/U	1	1
YEL	22	-22-4	SOLDER S-1837-1
YEL/TAN	20	-20-4-10	SOLDER SOLDER
YEL/RED	20	-20-4-2	SOLDER SOLDER
YEL/GRN	20	-20-4-5	SOLDER SOLDER
YEL/BLK(2)	18	-18-4-0	SEE YEL/BLK(1) SOLDER
YEL/BLK(1)	18	-18-4-0	S-1370-1 SOLDER
WHT/BLK(2)	22	-22-9-0	SEE WHT/BLK(1) S-1837-1
WIRE CODE NO.	GA.	MATERIAL	LG
TERMINALS			
SERIALS			

WIRE TABLE

CONTRACT NO:			WIRE TABLE	
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.	
GROUP			COMMERCIAL AIRCRAFT DIV.	
DRAWN			5800 E. PAWNEE	
CHECK			WICHITA, KANSAS	
STRESS			TITLE	
PROJ			WIRING DIAGRAM —	
APPD			SUNAIR SSB HF (ASB-125)	
OTHER			SIZE	
			C	
			CODE IDENT.	
			71379	
			DWG NO	
			1570001	
			SCALE: NONE	
			337	
			PAGE: 2.80.1	

(SR4925)

NOTES:

1. PLUGS ARE VENDOR FURNISHED
2. GRAY/RED WIRE IS "DEV +" CIRCUIT & GRAY/GREEN WIRE IS "DEV -" FOR CONNECTION TO VOR INDICATOR
3. LIGHT DIMMING WIRE CONNECTS TO FLOOD LIGHT DIM. RHEOSTAT WITH STANDARD LIGHTING. WHEN OPT. POST LIGHTING IS INSTALLED, CONNECT TO FLIGHT INSTR & RADIO DIAL LIGHT DIMMING RHEOSTAT.
4. ALL CONNECTORS REQUIRED FOR CABLE ASSEMBLIES ARE PART OF ARC CONNECTOR KIT NO. 28883-00000.

INACTIVE:
EFF SER 337B-0526
THRU SER 33701252
RLY S-7-68
GKI HAW
1.05C DMM
JAB

ITEM NO	PART NO.	DESCRIPTION	INSTALLED ON
21	51360-5	CIRCUIT BREAKER	
20	1570041-13	CABLE ASSY	
19			
18	1570041-14	CABLE ASSY	
17	1570041-5	CABLE ASSY	
16	1570041-6	CABLE ASSY	
15	51640-6	HOUSING-PIN	
14	51641-6	HOUSING-SOCKET	
13	28326-0009	PLUG(ARC)	
12	28326-0005	PLUG(ARC)	
11	MS306A10SL-35	PLUG(ARC)	
10	50328-0002	PLUG(ARC)	
9	28336	PLUG(ARC)	
8	28371-0005	PLUG(ARC)	
7	29410	PLUG(ARC)	
6	28371-0009	PLUG(ARC)	
5	29510-0000	ACTUATOR	ARC TYPE PRE 5116
4	20370-0100	DIRECTIONAL GYRO	ARC TYPE C-5120A
3	28900	OMNI COUPLER	ARC TYPE CA 512A
2	35060-0028	TURN COORDINATOR	ARC TYPE SP 500A
1	35660-1028	CONTROLLER	ARC TYPE C5548

EQUIPMENT TABLE

CHG LET	REVISION	BY DATE	CHK APPD
A	BY REV: ADD NOTE 4 & 35060-0028 WAS 28320. (SR 3085) II	JWH 1/15/56 5-15-67	1/15/56 JAB
B	BY REV: DELETE 1570041-12; FA1(REF) WAS RED/WHT & FA3(REF) WAS BLK/WHT ED&RR 01976	RLY 4-6-68	GKI 6/1/56 MDS DMM 1/2/56 JAB

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
BLACK	16	16-0		SOLDER	51367-2-8
GRN/YEL	20	20-5-4		SOLDER	51367-1-8
WHT/TAN	22	22-9-10		51635-1	SOLDER
RED/BLK	18	18-2-0			
GRN/BLU	20	20-5-6			
WHT/RED	22	22-9-2			
WHT/YEL	22	22-9-4			
WHT/GRN	22	22-9-5		51635-1	SOLDER
RED	16	16-2		51367-1-6	SOLDER
TAN/WHT	22	22-10-9		SOLDER	
TAN/BLU	22	22-10-6			
BLU/YEL	22	51461-22-6-4			
BLU/RED	22	51461-22-6-2			
WHT/TAN	22	22-9-10		SOLDER	
RED/BLK	18	18-2-0		51636-1	
GRN/BLU	20	20-5-6			
WHT/RED	22	22-9-2			
WHT/YEL	22	22-9-4			
WHT/GRN	22	22-9-5		51636-1	
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		SOLDER	
GRY/GRN	22	22-8-5		51370-0	
GRY/RED	22	22-8-2		51370-0	
GREEN	20	20-5		SOLDER	
GRY/YEL	22	22-8-4			
BLU/WHT	22	22-6-9			
GRY/BLU	22	22-8-6			
YELLOW	20	20-4			
BLUE	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

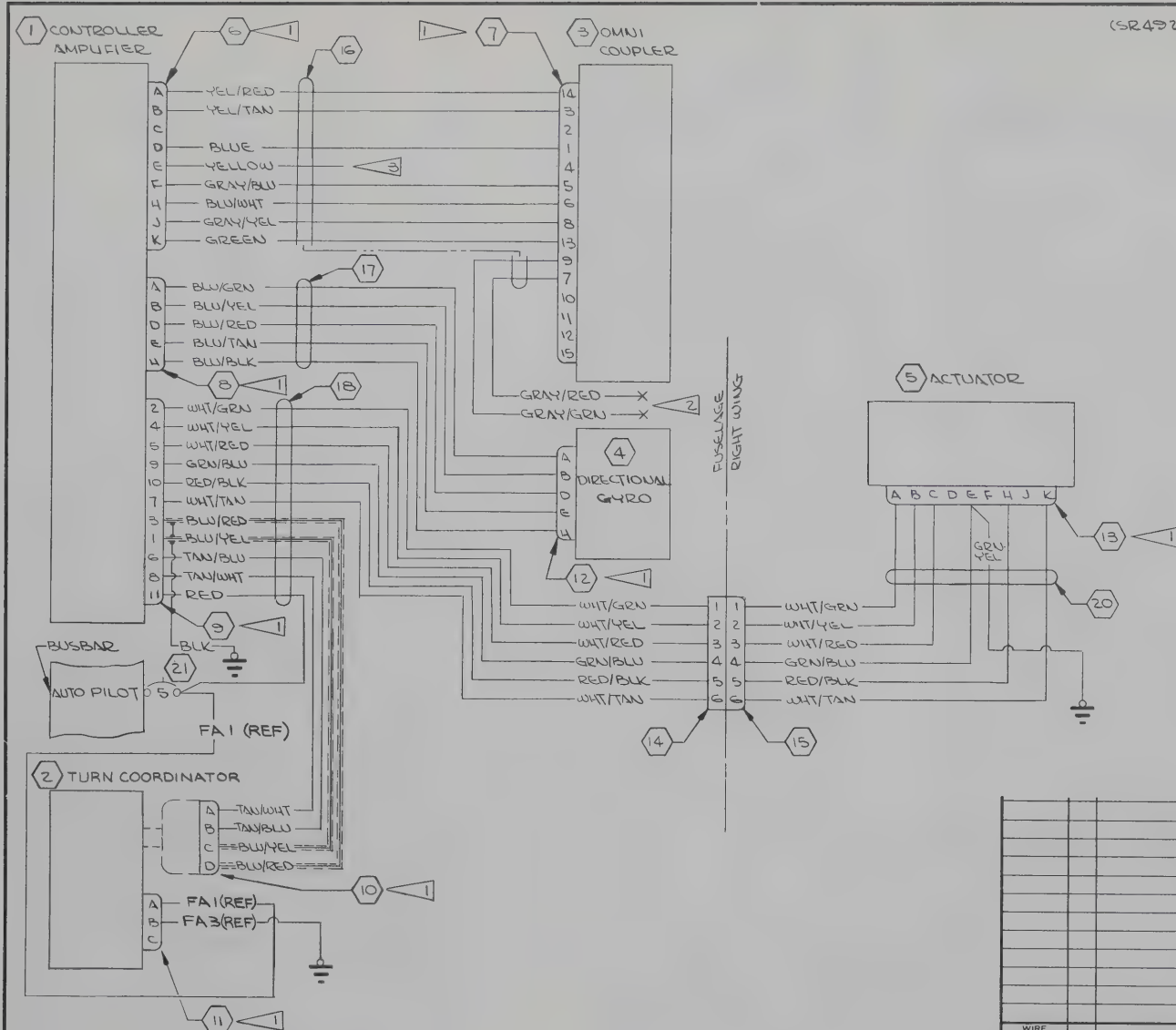
DRAWN	NAME	DATE	TITLE
GROUP	H. W. W.	5-6-66	WIRING DIAGRAM—
CHECK	E. F. F.	5-6-66	CESSNA NAV-O-MATIC
PROJ	H. W. W.	5-6-66	300 AUTOPILOT
			(OPTIONAL)

Cessna.

DWG NO: 1570000

REV: B PAGE: 14.3.1

CHG LET	REVISION	BY DATE	CHK APPD
	SEE P 14.3.1 FOR REV		



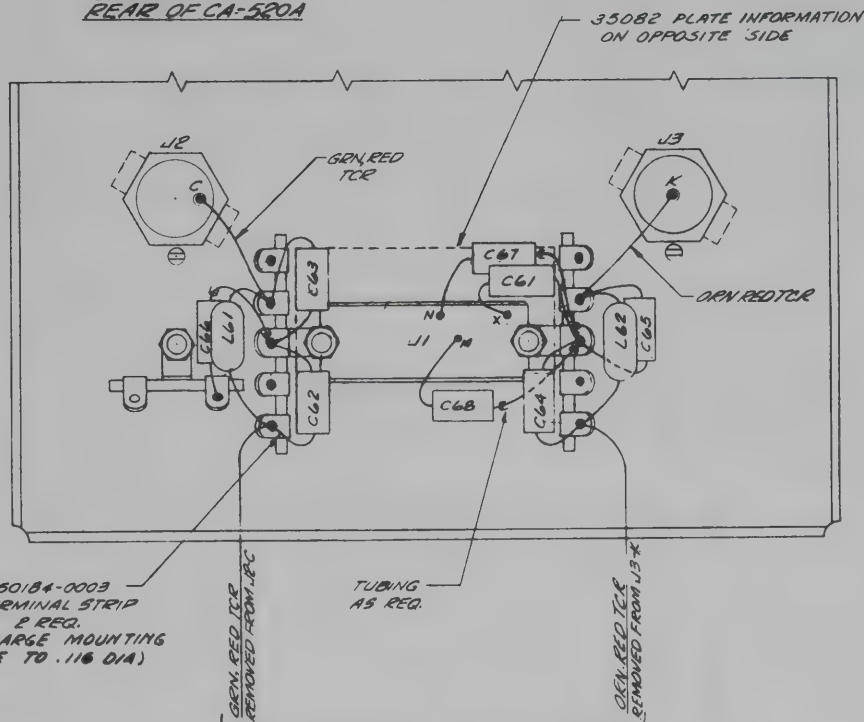
INACTIVE:
 EFF SER 337B-0526
 THRU SER 33701252
 RLY 5-7-68
 OK! HFW
 MDS
 DKM

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS					
DRAWN UNDEN 5-3-66	NAME	DATE	TITLE	 OWG NO: 1570000	
GROUP H. H. W. 5-6-66			WIRING DIAGRAM—		
CHECK L. H. W. 5-7-66			CESSNA NAV-O-MATIC		
PROJ J. E. W. 5-9-66			300 AUTOPILOT (OPTIONAL)		
SUPERSEDED BY: P14.10-14.11 & 14.7.2	SUPERSEDES:	MODEL: 337	REV: B	PAGE: 14.3.2	

ITEM NO	PART NO.	DESCRIPTION	INSTALLED ON
EQUIPMENT TABLE			

WIRING DIAGRAM

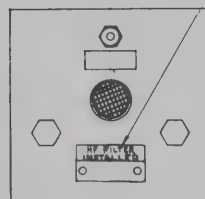
INSIDE VIEW
REAR OF CA-320A



50184-0003
TERMINAL STRIP
P REQ.
(ENLARGE MOUNTING
HOLE TO .116 DIA)

THESE WIRES WERE DISCONNECTED
FROM J2-C & J3-K AND CONNECTED
AS SHOWN.

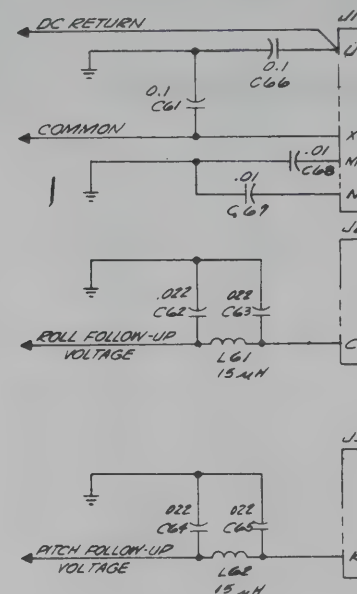
FILTER KIT			
ITEM NO.	ARC PART NO.	DESCRIPTION	QTY
1	32428-8223	.022 μ F CAPACITOR	4
2	32423-9108	.010 μ F CAPACITOR	2
3	32423-9102	.100 μ F CAPACITOR	2
4	31193-0190	15 μ H CHOKE	2
5	50184-0003	TERMINAL STRIP (MTO HOLES = .116)	2
6	35082	INFORMATION PLATE	1
7	21471-0802 (3')	GREEN/RED WIRE	1
8	21471-0302 (3')	ORANGE/RED WIRE	1
9	8800-0032 (6')	TUBING	1
10	35084	DRAWING	1



FRONT VIEW OF
COMPUTER-AMPLIFIER

35082 INFORMATION
PLATE-TO BE MTD
WITH EXISTING
SCREWS WHEN
MODIFICATION HAS
BEEN COMPLETED

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 J2-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.

EFF SER INACTIVE:
THRU SER 337-0526
R/LY S-27-68
ED&AR SER 33701252
OK, XHW 02329

WIRE TABLE			
NAME	DATE	TITLE	
DRAWN: G WOOD	3-31-66	WIRING DIAGRAM—	Cessna.
GROUP: H WOOD	3-31-66	CESSNA NAV-O-MATIC	
CHECK: R. P. L.	4-1-66	400 AUTOPILOT	1570000
PROJ: M. L. L.	4-6-66	(OPT)	
SUPERSEDED BY: P 14.4.7	SUPERSEDED:	MODEL: 337	REV: PAGE: 14.4.1.1

- (SR4925)

WHT/TAN	22	-22-9-10	58.0	SOLDER	S-1636-1
WHT/BLU	↓	-22-5-6	↓	↓	↓
WHT/RED		-22-9-2			
WHT/YEL		-22-9-4	↓		↓
WHT/GRN		-22-9-5	58.0		S-1636-1
TAN/WHT		-22-10-9	44.0		SOLDER
TAN/BLU		-22-10-6	44.0		↓
TAN/RED	↓	-22-10-2	44.0		↓
TAN/YEL	22	-22-10-4	44.0	↓	SOLDER
RED	18	-18-2	60.0	SOLDER	S-13671-6

WIRE
COLOR

OR
PART NO

GA

MATERIAL

LG

TERMINALS

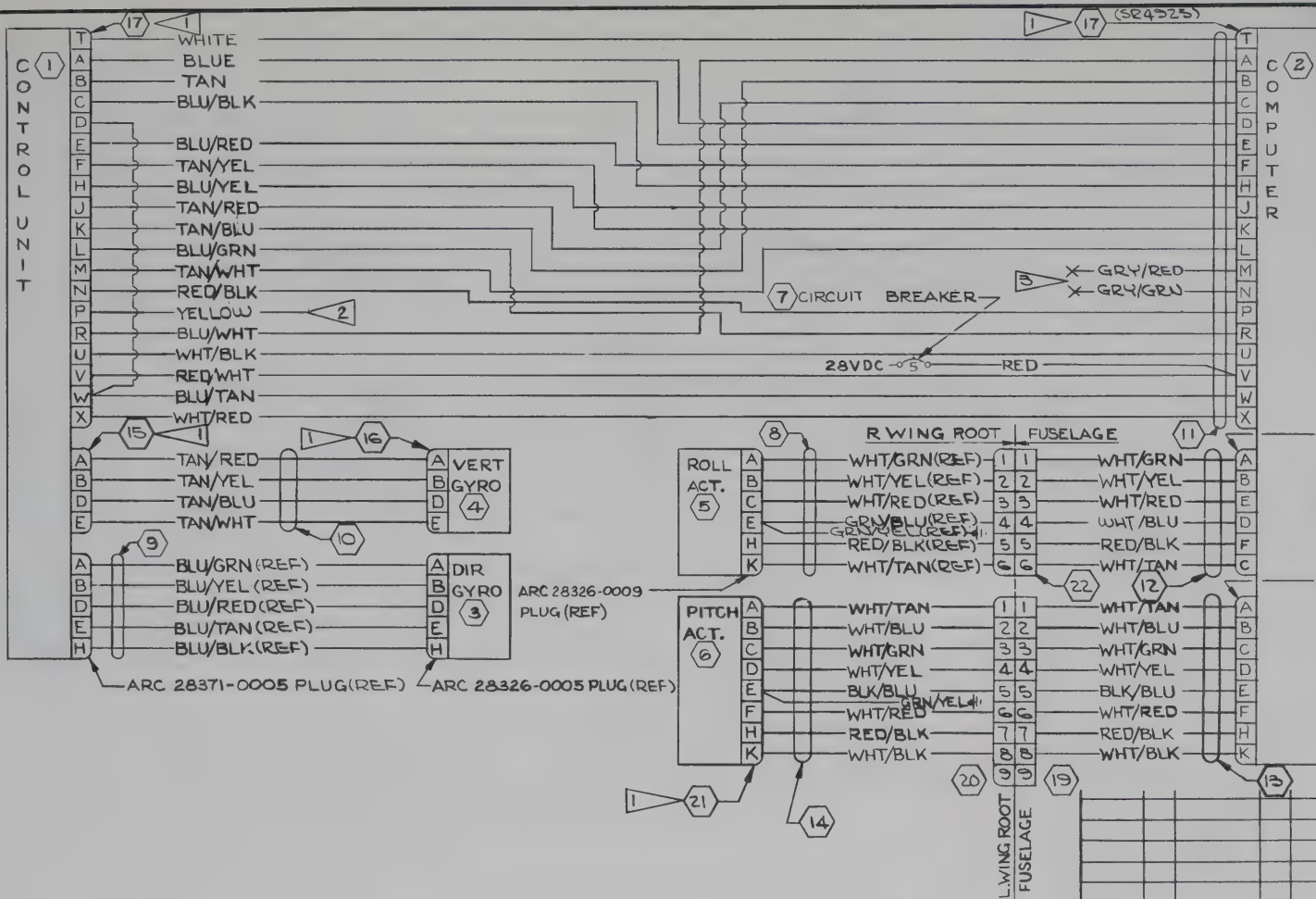
SERIALS

4 >

WIRE TABLE

[illegible]

DER
A
EFF INACTIVE: 337-0526
THRU SEP 3370125
PLY SEP 3370125
ED*RR 02229
SAL
SUSP
SUSP
SUSP



CHG	REVISION	BY	CHK
LET		DATE	APPD

INACTIVE:
EFF SER 337-0526
THRU SER 33701252
RLY 5-27-68
EDARR 02329
GKI HFW
MDS DMM JEE

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
WIRE TABLE					
CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION WICHITA KANSAS					
DRAWN	HARDEN	4-15-66	TITLE	WIRING DIAGRAM —	
GROUP	H. Wad	4-21-66		CESSNA NAV-O-MATIC	
CHECK	C. Luck	4-25-66		400 AUTOPILOT	
PROJ	W. Luck	4-26-66		(OPTIONAL)	
SUPERSEDED BY: P14.4.5			SUPERSEDES: PAGE 14.4.1		MODEL: 337
			REV: A		PAGE: 14.4.3

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
EQUIPMENT TABLE			

NOTES:

- 1 GRAY/RED WIRE IS DEVT. CIRCUIT & GRAY/GAN WIRE IS DEVT. 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. 38492
- 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 GROUND TO AIRFRAME AS CLOSE TO ACTUATOR UNIT AS POSSIBLE
- 5 TO DIMMER CIRCUIT.

WHT/BLK(3)	22	-22-9-0	SOLDER	S-1635-1
RED/BLK(5)	18	-18-2-0		
WHT/RED(5)	22	-22-9-2		
BLK/BLU(2)	22	-22-0-6		
WHT/YEL(4)	22	-22-9-4		
WHT/GRN(4)	22	-22-9-5		
WHT/BLU(3)	22	-22-9-6		
WHT/TAN(4)	22	-22-9-10		S-1635-1
RED	16	-16-2	SOLDER	S-1370-2
YELLOW	18	-18-4	SOLDER	S-1370-1
BLACK(2)	22	-22-0	SOLDER	S-1367-1-8
WHT/BLK(2)	22	-22-9-0	S-1636-1	SOLDER
RED/BLK(4)	18	-18-2-0		
WHT/RED(4)	22	-22-9-2		
BLK/BLU	22	-22-0-6		
WHT/YEL(3)	22	-22-9-4		
WHT/GRN(3)	22	-22-9-5		
WHT/BLU(2)	22	-22-9-6		
WHT/TAN(3)	22	-22-9-10	S-1636-1	SOLDER
BLACK(1)	22	-22-0	SOLDER	S-1367-1-8
RED/BLK(3)	18	-18-2-0	S-1635-1	SOLDER
WHT/RED(3)	22	-22-9-2	S-1635-1	
BLU/GRN(3)	22	-22-5-6	S-1635-1	
WHT/TAN(2)	22	-22-9-10	S-1635-1	
WHT/YEL(2)	22	-22-9-4	S-1635-1	
WHT/GRN(2)	22	-22-9-5	S-1635-1	SOLDER
RED/BLK(2)	18	-18-2-0	SOLDER	S-1636-1
WHT/RED(2)	22	-22-9-2	SOLDER	S-1636-1

WIRE CODE	GA	MATERIAL	LG	TERMINALS
-----------	----	----------	----	-----------

29	S-1641-6	HOUSING-SOCKET
28	S-1640-6	HOUSING-PIN
27	S-1838-1	HOUSING
26	S-1838-2	HOUSING
25	0570084-2	AUD JCT BOX
24	1570041-16	CABLE ASSY
23	1570041-17	CABLE ASSY
22	1570041-20	CABLE ASSY
21	1570041-12	CABLE ASSY
20	1570041-5	CABLE ASSY
19	1570041-19	CABLE ASSY
18	S-1641-9	HOUSING-SOCKET
17	S-1640-9	HOUSING-PIN
16	0713743-1	BUS BAR
15	S-1360-5	CIRCUIT BREAKER
14	1570041-7	CABLE ASSY
13	28371-0009	CONNECTOR (ARC)
12	28326-0007	CONNECTOR (ARC)
11	28326-0005	CONNECTOR (ARC)
10	28371-0005	CONNECTOR (ARC)
9	28371-0007	CONNECTOR (ARC)
8	31683-0020	CONNECTOR (ARC)
7	38423-0001	CONNECTOR (ARC)
6	35070-1028	ROLL ACTUATOR (PA-500A)
5	35070-1128	PITCH ACTUATOR (PA-500A)
4	35670-1028	CONTROL UNIT (C-520B)
3	37570-0001	VERTICAL GYRO (G-519A)
2	30370-0100	DIRECTIONAL GYRO (G-520A)
1	35910-0028	COMPUTER (CA-520B)

ITEM NO.	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:
P14.4.2
SUPERSEDED BY:

REVISION

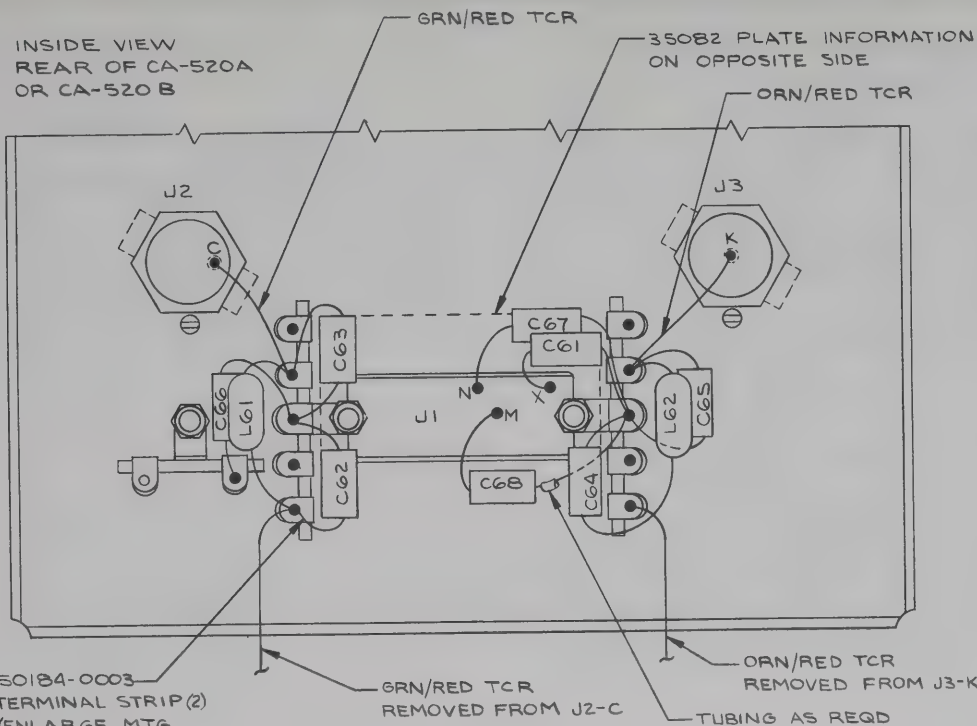
LET	DESCRIPTION	DATE	APPD
A	BY REV: S-1360-5 WAS S-1360-10 ED & RR 10220	PER 10/25/68	JWH
B	BY REV: ADD 1570041-20, 1570041-17, 1570041-16, 1570041-7, 1570041-12 & 0570084-2; 1570041-5 WAS 1270449-4, 1570041-19 WAS 1270449-2, S-1640-6 WAS S-1640-9 & S-1641-6 WAS S-1641-9; DELETE NOTES 1 & 5 ED & RR 10797 SER(SR5752)	J.D.R. 11/15/68	JWH mbs JW

WHT/BLU(1)	22	-22-9-6	SOLDER	S-1636-1
WHT/TAN(1)	22	-22-9-10		S-1636-1
WHT/YEL(1)	22	-22-9-4		S-1636-1
WHT/GRN(1)	22	-22-9-5		S-1636-1
BLU/BLK(2)	22	-22-6-0	SOLDER	
BLU/TAN(2)	22	-22-6-10		
BLU/RED(2)	22	-22-6-2		
BLU/YEL(2)	22	-22-6-4		
BLU/GRN(2)	22	-22-6-5		
TAN/WHT(2)	22	-22-10-9		
TAN/BLU(2)	22	-22-10-6		
TAN/YEL(2)	22	-22-10-4		
TAN/RED(2)	22	-22-10-2		
WHT/RED(1)	22	-22-9-2		
BLU/TAN(1)	22	-22-6-10		
RED/WHT	18	-18-2-9		
WHT/BLK(1)	22	-22-9-0	SOLDER	
GRY/GRN	22	-22-8-5		S-1370-1
GRY/RED	22	-22-8-2		S-1370-1
BLU/WHT	22	-22-6-9	SOLDER	
RED/BLK(1)	18	-18-2-0		
TAN/WHT(1)	22	-22-10-9		
BLU/GRN(1)	22	-22-6-5		
TAN/BLU(1)	22	-22-10-6		
TAN/RED(1)	22	-22-10-2		
BLU/YEL(1)	22	-22-6-4		
TAN/YEL(1)	22	-22-10-4		
BLU/RED(1)	22	-22-6-2		
WHITE	22	-22-9		
BLU/BLK(1)	22	-22-6-0		
TAN	22	-22-10		
BLUE	22	-22-6	SOLDER	SOLDER
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS
SERIALS				

WIRE TABLE

CONTRACT NO:			Cessna AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
	NAME	DATE			
DESIGN	LAURIE				TITLE
GROUP	H. W. W.	6-5-68			WIRING DIAGRAM -
DRAWN	YOUNGERS	5-27-68			CESSNA 400 NAV-O-MATIC
CHECK	G. R. VIN	4-4-68			(OPT)
STRESS	W. M. L.	6-5-68			
PROJECT	H. L. L.	6-6-68			
APPD	W. W. W.	6-4-68			
			SIZE	CODE IDENT. NO.	DWG NO.
			C	71379	1570000
			SCALE: NONE		337
					PAGE: 14.4.4

INSIDE VIEW
REAR OF CA-520A
OR CA-520B



50184-0003
TERMINAL STRIP (2)
(ENLARGE MTG
HOLE TO .116 DIA)

GRN/RED TCR
REMOVED FROM J2-C

ORN/RED TCR
REMOVED FROM J3-K

TUBING AS REQD

NOTES:

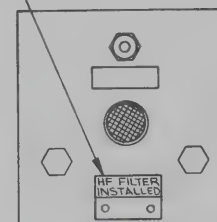
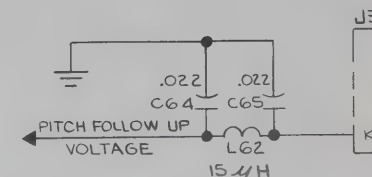
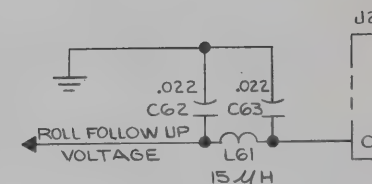
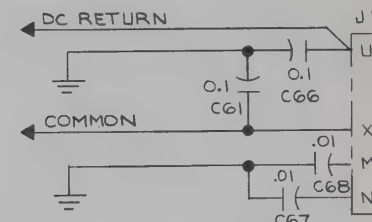
- 1 TO BE MOUNTED WITH EXISTING SCREWS WHEN MODIFICATION HAS BEEN COMPLETED
- 2 REMOVE NUTS FROM CONNECTOR J1, BACK OUT CONNECTOR, INSTALL INFORMATION PLATE 35082 REPLACE CONNECTOR ON CHASSIS THEN INSTALL TWO TERMINAL STRIPS 50184-0003 AS SHOWN USING CONNECTOR MTG SCREWS, REINSTALL NUTS
- 3 INSTALL CAPACITORS 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

FILTER KIT			
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

ITEM NO.	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: P14.4.1.1 SUPERSEDED BY:

REVISION			
LET	DESCRIPTION	DATE	APPD

SCHEMATIC DIAGRAM



CONTRACT NO:			COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	Cessna AIRCRAFT CO.		
GROUP	LAURIE	6-5-68	TITLE		
DRAWN	W. Wise	5-27-68	WIRING DIAGRAM -		
CHECK	YOUNGERS	6-4-68	NAV-O-MATIC 400 SYSTEM		
STRESS	G. D. Vin	6-4-68	(OPT)		
PROJECT	OK M. Cook	6-5-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SNAPLEY	6-4-68	C	71379	1570000
SCALE: NONE			337	PAGE: 14.4.7	

NOTES:

1. ALL CONNECTORS ARE VENDOR SUPPLIED
IN KIT NO. 38411
2. GROUND AS CLOSE TO ACTUATOR UNIT AS
POSSIBLE
3. ~~AVOID EXCESSIVE CURRENT DRAWING TO THE ACTUATOR UNIT
BY EXCESSIVE CURRENT DRAWING TO THE ACTUATOR UNIT
BY EXCESSIVE CURRENT DRAWING TO THE ACTUATOR UNIT
BY EXCESSIVE CURRENT DRAWING TO THE ACTUATOR UNIT
BY EXCESSIVE CURRENT DRAWING TO THE ACTUATOR UNIT~~

REVISION			
LET	DESCRIPTION	DATE	APPD
A	BY REV: ADD 0570084-2, S-1838-2, S-1838-1, 1570041-6, 1570041-5, 1570041-19 & 1570041-18; DELETE NOTE 3 ED&RR 10797 SER(SR 5751)	J.O.R. 11/11/69	JWH <i>11/69</i>

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		S-1361-1-B		
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	SOLDER		
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS		SERIALS

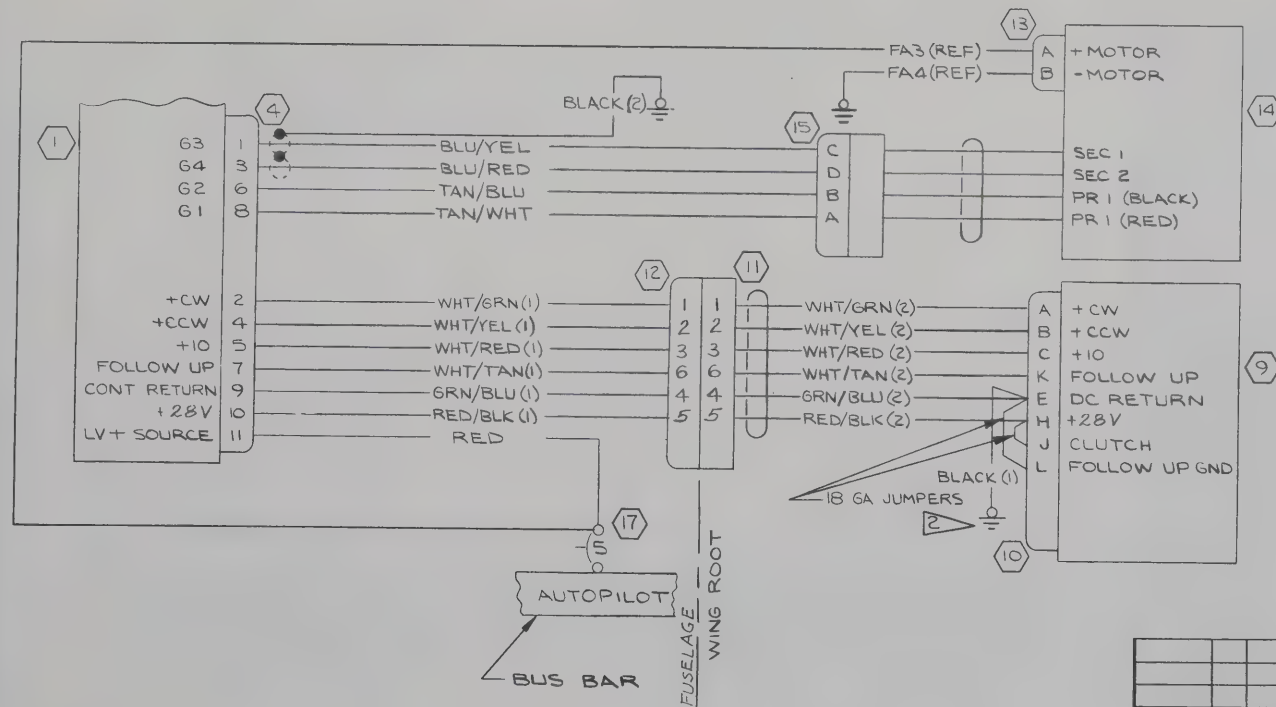
23	1570041-18	CABLE ASSY	
22	1570041-19	CABLE ASSY	
21	1570041-5	CABLE ASSY	
20	1570041-6	CABLE ASSY	
19	S-1838-2	HOUSING	
18	S-1838-1	HOUSING	
17	S-1360-5	CIRCUIT BREAKER	
16	0570084-2	JCT BOX ASSY	
15	50328-0002	PLUG	(00781)
14	35060-0028	RATE GYRO	(00781)
13	23460-0000	PLUG	(00781)
12	S-1641-6	HOUSING-SOCKET	
11	S-1640-6	HOUSING-PIN	
10	38423-0001	PLUG	(00781)
9	35070-1028	ROLL ACTUATOR	(00781)
8	28326-0005	PLUG	(00781)
7	30370-0100	DG	(00781)
6	29410-0000	PLUG	(00781)
5	28900-0000	OMNI COUPLER	(00781)
4	28336-0000	PLUG	(00781)
3	28371-0005	PLUG	(00781)
2	28371-0009	PLUG	(00781)
1	35660-1028	CONTROLLER AMPL	(00781)

ITEM NO.	PART NO.	DESCRIPTION	VENDOR

EQUIPMENT TABLE			
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CMXXXX-CESSNA STD. NO.		SUPERSEDES: P14.3.1 & P14.3.2 SUPERSEDED BY:	

CONTRACT NO:			WIRE TABLE		
DESIGN	NAME	DATE	COMMERCIAL AIRCRAFT DIV. 5807 E. PAWNEE WICHITA, KANSAS Cessna AIRCRAFT CO.		
GROUP	<i>H. W. Lee</i>	5-29-68	TITLE		
DRAWN	YOUNGERS	5-7-68	WIRING DIAGRAM -		
CHECK	G. IRVIN	5-10-68	CESSNA 300 NAV-O-MATIC		
STRESS	<i>OK m. c. rick</i>	5-23-68	AUTOPILOT (24VOLT)		
PROJECT	<i>H. J. Little</i>	6-11-68	SIZE	CODE IDENT. NO.	DWG NO.
APPD	SWANLEY	5-10-68	C	71379	1570000
SCALE: NONE			337		PAGE: 14.7.0

BLACK(1)	8	-18-0	SOLDER	S-1361-1-B	
RED	16	-16-2		S-1361-2-B	
RED/BLK(2)	15	-18-2-0		SOLDER	
RED/BLK(1)	18	-18-2-0			
GRN/BLU(2)	20	-20-5-6			
GRN/BLU(1)	20	-20-5-6			
WHT/TAN(2)	22	-22-9-10	SOLDER	SOLDER	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

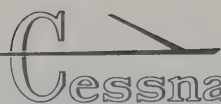
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ITEM NO.	PART NO.	DESCRIPTION	
	EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.		SUPERSEDES: P14.3.1 & P14.3.2 SUPERSEDED BY:	

CONTRACT NO:			WIRE TABLE  COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		
DESIGN	NAME	DATE	TITLE		
GROUP	1 AURIE	5-24-68	WIRING DIAGRAM -		
DRAWN	24 Wisc	5-24-68	CESSNA 300 NAV O MATIC		
CHECK	YOUNGERS	5-10-68	AUTOPILOT (24VOLT)		
STRESS	G IRVIN	5-10-68			
PROJECT	PKM Corp	5-23-68			
APPD	JH Little	6-6-68	SIZE	CODE IDENT. NO.	DWG NO.
	SWANEY	5-10-68	C	71379	15700000
			SCALE: NONE	337	PAGE: 14.7.2

SECTION VIII

 **NUMERICAL INDEX**



PART NUMBER	FIGURE AND INDEX NO.	PART NUMBER	FIGURE AND INDEX NO.	PART NUMBER	FIGURE AND INDEX NO.
A-263	1-1-	AN320-1	1-17-	AN515-6R5	1-13- 42
A-263	1-1-	AN340-6	1-8- 21	AN515-6R5	1-15- 21
A-374A	5-2- 5	AN340B6	1-14-	AN515-6R5	1-14- 16
AN-4-5A	3-9- 35	AN340B6	1-15-	AN515-6R6	1-5-
AN100-3	3-6- 16	AN340B6	1-13-	AN515-6R6	2-3- 7
AN100-3	3-6- 8	AN340B6	1-16-	AN515-6R6	1-2- 5
AN100-3	3-5- 3	AN340B8	2-2- 19	AN515-6R6	1-4- 9
AN1021Z6-4	1-7- 26	AN340B8	2-3- 6	AN515-6R7	2-4- 23
AN155-16S	1-18- 13	AN340B8	2-1- 7	AN515-6R7	1-7-
AN155-16S	1-21- 26	AN345-10	3-2- 11	AN515-6R7	2-4- 28
AN155-16S	1-17- 13	AN4-10A	1-13- 12	AN515-6R8	1-11- 6
AN155-16S	1-15- 7	AN4-5A	3-9- 1	AN515-6R8	1-12- 18
AN155-16S	1-19- 14	AN4-5A	3-9- 12	AN515-6R8	1-9- 23
AN155-16S	1-20- 24	AN4-5A	3-9- 23	AN515-6R8	1-10- 25
AN155-16S	1-18- 28	AN4-51A	1-17- 29	AN515-6R8	4-1- 6
AN155-16S	1-19- 29	AN4-51A	1-14- 13	AN515-6R8	5-2- 6
AN155-16S	1-16- 19	AN5-11A	1-19- 22	AN515-6R8	4-1- 28
AN155B16S	1-17- 27	AN5-11A	1-18- 21	AN515-6R8	1-8- 19
AN155B16S	1-14- 11	AN5-11A	1-15- 17	AN515-6R8	4-1-
AN155B16S	1-13- 31	AN507-1032R8	1-15- 28	AN515-8R10	4-2- 29
AN155B16S	1-20- 23	AN507-1032R8	1-16-	AN515-8R10	1-9- 10
AN161-16LS	1-21- 25	AN507-1032R8	1-19- 9	AN515-8R10	2-2- 16
AN161-16LS	1-16- 20	AN507-632R10	1-13-	AN515-8R12	1-7- 8
AN161-16LS	1-17-	AN507-632R10	1-16- 30	AN515-8R16	2-1- 4
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AN21-9	1-17-	AN507-632R20	1-19- 3	AN515-8R16	1-12- 13
AN21-9	1-14-	AN507-632R20	1-18- 3	AN515-8R16	1-12- 15
AN21-9	1-17- 15	AN507-632R20	1-15- 30	AN515-8R18	1-16- 27
AN23-10	1-19- 31	AN507-632R20	1-17- 3	AN515-8R6	1-10- 15
AN23-10	1-19- 26	AN507-632R20	1-13- 2	AN515-8R6	1-20- 6
AN23-10	1-18- 25	AN507-632R20	1-14- 2	AN515-8R6	1-11- 11
AN23-10	1-17- 10	AN507-632R20	1-15- 24	AN515-8R6	1-11- 13
AN23-10	1-18- 30	AN507-632R28	4-1- 44	AN515-8R6	3-4- 10
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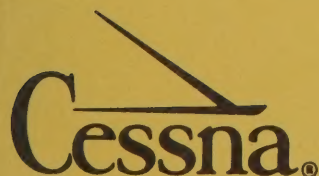
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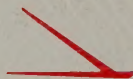
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