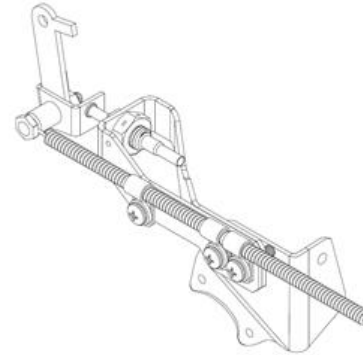
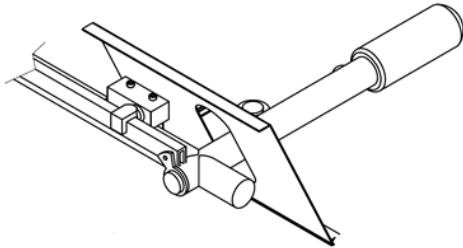




777 Aviation Dr
Camarillo, Ca 93010
USA

November 10th, 2020
Revision NC



Maintenance Support Document

RHSI-R66-ICA

Instructions for Continued Airworthiness;

Installation of an AKV Robinson Starter Interrupt Kit P/N
RHSI for the R66

Helicopter S/N _____

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REVISIONS INTRODUCTION

The latest revision of this document is indicated by the highest revision letter as listed below in the Revision History and List of Effective Pages. Changes to the current revision will be indicated within the document by change bars. (Reference Section 1.) The entire document will be reprinted to reflect the current revision level.

REVISION HISTORY

Instructions for Continued Airworthiness; AKV Inc Robinson Helicopter Starter Interrupt Kit P/N RHSI			RHSI-ICA
Rev.	Date	Revision Description	Approval
NC	Nov. 10 th , 2020	Initial Release	PREPARED J. Gunn
			CHECKED J. Gunn
			APPROVED
			PREPARED
			CHECKED
			APPROVED

Cont'd

REVISION HISTORY Cont'd

Instructions for Continued Airworthiness; AKV Inc Robinson Helicopter Starter Interrupt Kit P/N RHSI			RHSI-ICA
Rev.	Date	Revision Description	Approval

LIST OF EFFECTIVE PAGES

All pages are revised when any page is changed so that all pages maintain the same revision level.

PAGE	REVISION	DATE
All	NC	Nov. 10 th , 2020

TABLE OF CONTENTS

1. INTRODUCTION	1
1.1 Service Difficulties.....	1
1.2 Warnings, Cautions, and Notes	1
1.3 Language	1
1.4 References.....	1
1.5 Revision to ICA	1
1.6 Abbreviations and Definitions	2
2. AIRWORTHINESS LIMITATIONS.....	2
3. SYSTEM DESCRIPTION	2
4. MAINTENANCE INSTRUCTIONS.....	3
4.1 Routine Cleaning & Maintenance	3
4.2 Tools	3
4.3 Overhaul.....	3
4.4 Component Retirement/Retirement Life	3
5. REQUIRED INSPECTIONS	6
5.1 Annual Inspection	6
5.2 Special Inspection.....	6
6. REMOVING AND REPLACING PARTS	8
7. TROUBLESHOOTING	9
8. WEIGHT AND BALANCE CHANGES	9
 APPENDIX A (Installation Diagrams)	 11

1. INTRODUCTION

This AKV, Inc maintenance support document provides instructions for the continued airworthiness of the AKV Robinson Helicopter Starter Interrupt kit P/N RHSI. The basis for this document is 14 CFR 27.1529 and Appendix A to Part 27.

1.1 Service Difficulties

Technical Assistance can be provided by:

AKV, Inc.
777 Aviation Dr.
Camarillo, CA 93010
USA
Tel 805-437-1739
Fax 805 437-1783
Email: sales@akvinc.com
Web: www.akvinc.com

1.2 Warnings, Cautions, and Notes

WARNING

**FAILURE TO FOLLOW INSTRUCTIONS GIVEN IN A *WARNING* MAY
RESULT IN PERSONAL INJURY OR DEATH.**

CAUTION

***FAILURE TO FOLLOW INSTRUCTIONS GIVEN IN A CAUTION MAY
RESULT IN DAMAGE TO THE HELICOPTER***

Note

A note includes supplemental data about the procedure, practice, condition, etc., for the maintenance task you are about to perform.

1.3 Language

This manual is written to the Simplified English (SE) specification. This International Aerospace Maintenance Language Specification is important to maintenance personnel whose first language is not English.

1.4 References

The use of parentheses throughout this document is for denoting or depicting a reference to other sections, items, details, etc., the intent of which is to further identify or clarify existing information.

1.5 Revision to ICA

Revisions to this document and the documents listed within it are distributed to the operators who have this modification installed on the subject aircraft, either in electronic or paper format. **Contact AKV for available revision changes.**

1.6 Abbreviations and Definitions

A&P	Airframe & Power plant Mechanic
CFR	Code of Federal Regulations
RFM	Rotorcraft Flight Manual
RFMS	Rotorcraft Flight Manual Supplement
FAR	Federal Aviation Regulations

2. AIRWORTHINESS LIMITATIONS

This section is FAA approved and specifies the inspections, and other maintenance, which are required under 14 CFR 43.16 and 91.403, unless an alternative program has been FAA approved. There are “No airworthiness limitations associated with this type design change”.

3. SYSTEM DESCRIPTION

The AKV Starter Interrupt Kit is designed to prevent starter engagement and potential hot starts with the throttle or fuel cutoff open. A hot start (exceeding the engine start temperature limits) on initial ground starts will possibly result in removal of the engine for inspection and repair.

The kit provides two (2) micro switches. One that detects the throttle in the closed position and the second that detects the fuel control unit (FCU) is also in the closed position. Either will electrically interrupt the starter relay if they are open. The RHSI circuit is wired in series with the rotor brake which also provides interruption of the starter relay when the rotor brake is engaged.

An amber indicator light marked “**RHSI L1 PTT**” is located next to the pilot collective and when lighted, indicates to the pilot that the throttle or fuel cutoff is in the open position. It also has a built in press-to-test to verify the bulb is operational.

Power to the starter interrupt kit is provided via a 1 amp circuit breaker located on the circuit breaker panel in front of the copilot seat and is marked “**AKV RHSI**”

In order for the press-to-test function to operate, the battery switch must be ON, the rotor brake off and circuit breaker pushed in. The starter interrupt circuit is electrically removed from the starter circuit after the MGBP switch rises.

NOTE: The starter interrupt kit can be de-energized or overridden by pulling the circuit breaker. Normal operation of initial on ground engine starting without protection is then provided.

After normal engine start, the AKV Starter Interrupt kit is disabled via the MGBP rising. This allows for in-flight engine restarts in the event of an engine failure.

CAUTION: When the starter Interrupt is disabled after MGBP rising, it will not provide protection during in-flight engine restarts. It is therefore important that the pilot follow the basic rotorcraft flight manual (RFM) in-flight engine restart procedure.

4. MAINTENANCE INSTRUCTIONS

4.1 Routine Cleaning & Maintenance

Routine Cleaning & Maintenance may be required as the result of an inspection. Re-tighten loose fasteners to the standard torque values shown in Table 1 and Table 2. Perform routine cleaning to remove contaminants from the Starter Interrupt Kit. Remove grease, fungus, and ground-in dirt from equipment and mounting brackets using a clean, soft cloth.

4.2 Tools

Only those required for re-tightening of mounting hardware

4.3 Overhaul

There are no component overhaul requirements for this type design change. Under normal operating conditions, the Starter Interrupt Kit will not require component overhaul. All parts and assemblies are designed to be replaced "On Condition". Any maintenance needed to the Starter Interrupt Kit or its installation beyond that described in this document requires that the components be removed and returned to AKV, Inc. The decision to return damaged components may be a subjective one and should be made by a qualified A & P Mechanic.

4.4 Component Retirement/Retirement Life

The Starter Interrupt Kit has been designed with components that have a virtually unlimited life span. However, it is anticipated that some components may require replacement at some time during the service life of the helicopter. The decision to replace these parts is a subjective one and should be made by the operator or an A & P Mechanic.

	Bolts -- Steel Tension		Bolts -- Steel Tension		Bolts -- Aluminum							
	AN 3 – AN 20		MS 20004 – MS 20024		AN 3DD – AN 20DD							
	AN 42 – AN 49		NAS 144 – NAS 158		AN 173DD – AN 186DD							
	AN 73 – AN 81		NAS 583 – NAS 590		AN 509DD							
	AN 173 – AN 186		NAS 144 – NAS 158		AN 525D							
	MS 20033 – MS 20046		NAS 144624 – NAS 644		MS 27039D							
	MS 20073		NAS 1303 – NAS 1320		MS 24694DD							
	MS 20074		NAS 172		-----							
	AN 509 NK9		NAS 174		-----							
	MS 24694		NAS 517		-----							
	AN 525 NK525		-----		-----							
	MS 27030		-----		-----							
				Steel Shear Bolt								
				NAS 464								
	Nuts		Nuts		Nuts							
	Steel Tension	Steel Shear	Steel Tension	Steel Shear	Aluminum Tension	Aluminum Shear						
	AN 310	AN 320	AN 310	AN 320	AN 365D	AN320D						
	AN 315	AN 364	AN 315	AN 364	AN 310D	AN 364D						
	AN 363	NAS 1022	AN 363	NAS 1022	NAS 1021D	NAS 1022D						
	AN 365	MS 17826	AN 365	MS 17826	-----	-----						
	NAS 1021	MA 20364	MS 17825	MS 20364	-----	-----						
	MS 17825	-----	MS 20365	-----	-----	-----						
	MS 21045	-----	MS 21045	-----	-----	-----						
	MS 20365	-----	NAS 1021	-----	-----	-----						
	MS 20500	-----	NAS 679	-----	-----	-----						
	NAS 679	-----	NAS 1291	-----	-----	-----						
FINE THREAD SERIES ¹												
Nut-Bolt Size	Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.	
	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max
8 - 36	12	15	7	9	-----	-----	-----	-----	5	10	3	6
10 - 32	20	25	12	15	25	30	15	20	10	15	5	10
¹ / ₄ - 28	50	70	30	40	80	100	50	60	30	45	15	30
⁵ / ₁₆ - 24	100	140	60	85	120	145	70	90	40	65	25	40
³ / ₈ - 24	160	190	95	110	200	250	120	150	75	110	45	70
⁷ / ₁₆ - 20	450	550	270	300	520	630	300	400	180	280	110	170
¹ / ₂ - 20	480	690	290	410	770	950	450	550	280	410	160	260
⁹ / ₁₆ - 18	800	1000	480	600	1100	1300	650	800	380	580	230	360
⁵ / ₈ - 18	1100	1300	660	780	1250	1550	750	950	550	670	270	420
³ / ₄ - 16	2300	2500	1300	1500	2650	3200	1600	1900	950	1250	5560	880
⁷ / ₈ - 14	2500	3000	1500	1800	3550	4350	2100	2600	1250	1900	750	1200
1 - 14	3700	4500	2200	3300	4500	5500	2700	3300	1600	2400	950	1500
1 ³ / ₈ - 12	5000	7000	3000	4200	6000	7300	3600	4400	2100	3200	1250	2000
1 ³ / ₄ - 12	9000	11000	5400	6600	11000	13400	6600	8000	3900	5600	2300	3650

Table 1: Recommended torque values for nut-bolt combinations: Fine Thread Series

¹ Torque values without lubrication

	Bolts -- Steel Tension		Bolts -- Steel Tension		Bolts -- Aluminum							
	AN 3 – AN 20		MS 20004 – MS 20024		AN 3DD – AN 20DD							
	AN 42 – AN 49		NAS 144 – NAS 158		AN 173DD – AN 186DD							
	AN 73 – AN 81		NAS 583 – NAS 590		AN 509DD							
	AN 173 – AN 186		NAS 144 – NAS 158		AN 525D							
	MS 20033 – MS 20046		NAS 144624 – NAS 644		MS 27039D							
	MS 20073		NAS 1303 – NAS 1320		MS 24694DD							
	MS 20074		NAS 172		-----							
	AN 509 NK9		NAS 174		-----							
	MS 24694		NAS 517		-----							
	AN 525 NK525		-----		-----							
	MS 27030		-----		-----							
				Steel Shear Bolt								
				NAS 464								
	Nuts		Nuts		Nuts							
	Steel Tension	Steel Shear	Steel Tension	Steel Shear	Aluminum Tension	Aluminum Shear						
	AN 310	AN 320	AN 310	AN 320	AN 365D	AN320D						
	AN 315	AN 364	AN 315	AN 364	AN 310D	AN 364D						
	AN 363	NAS 1022	AN 363	NAS 1022	NAS 1021D	NAS 1022D						
	AN 365	MS 17826	AN 365	MS 17826	-----	-----						
	NAS 1021	MA 20364	MS 17825	MS 20364	-----	-----						
	MS 17825	-----	MS 20365	-----	-----	-----						
	MS 21045	-----	MS 21045	-----	-----	-----						
	MS 20365	-----	NAS 1021	-----	-----	-----						
	MS 20500	-----	NAS 679	-----	-----	-----						
	NAS 679	-----	NAS 1291	-----	-----	-----						
COARSE THREAD SERIES ²												
Nut-Bolt Size	Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.		Torque Limits In-lbs.	
	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max
8 - 32	12	15	7	9	-----	-----	-----	-----	-----	-----	-----	-----
10 - 24	20	25	12	15	-----	-----	-----	-----	-----	-----	-----	-----
¹ / ₄ - 20	40	50	25	30	-----	-----	-----	-----	-----	-----	-----	-----
⁵ / ₁₆ - 18	80	90	48	55	-----	-----	-----	-----	-----	-----	-----	-----
³ / ₈ - 16	160	185	95	110	-----	-----	-----	-----	-----	-----	-----	-----
⁷ / ₁₆ - 14	235	255	140	155	-----	-----	-----	-----	-----	-----	-----	-----
¹ / ₂ - 13	400	480	240	290	-----	-----	-----	-----	-----	-----	-----	-----
⁹ / ₁₆ - 12	500	700	300	420	-----	-----	-----	-----	-----	-----	-----	-----
⁵ / ₈ - 11	700	900	420	540	-----	-----	-----	-----	-----	-----	-----	-----
³ / ₄ - 10	1150	1600	700	950	-----	-----	-----	-----	-----	-----	-----	-----
⁷ / ₈ - 9	2200	3000	1300	1800	-----	-----	-----	-----	-----	-----	-----	-----
1 - 8	3700	5000	2200	3000	-----	-----	-----	-----	-----	-----	-----	-----
1 ¹ / ₈ - 8	5500	6500	3300	4000	-----	-----	-----	-----	-----	-----	-----	-----
1 ¹ / ₄ - 8	6500	8000	4000	5000	-----	-----	-----	-----	-----	-----	-----	-----

Table 2: Recommended torque values for nut-bolt combinations: Coarse Thread Series

² Torque values without lubrication

5. REQUIRED INSPECTIONS

5.1 Annual Inspection

This section contains the time limit intervals and requirements for the scheduled and conditional inspections for the Starter Interrupt Kit Installation. The inspection items are determined through experience, tests, and the judgment of mechanics and engineers. Every calendar inspection is a visual and thorough inspection to determine the airworthiness of the Starter Interrupt Kit. Qualified persons must perform the inspections in accordance with standard aircraft practices and the applicable maintenance manuals.

An Annual inspection using this **RHSI-R66-ICA** document (Instructions for Continued Airworthiness), is required. When using this document to perform the required inspections, use the "Inspection Task Description" forms below to record the appropriate data.

Any reference data needed to perform this inspection, other than this document, will be listed in the "Data Reference" column of the inspection forms.

The inspection task to be completed is described in the "Inspection Task Description" column of the inspection form.

When each task is satisfactorily completed, the mechanic performing the inspection task signs the "Mechanic" column for that task.

If the inspection task fails the inspection, the reason for the failure must be determined and remedial action taken before the "Mechanic" block can be signed off. Remedial action may involve cleaning, verifying correct operation, adjusting the tightness of fasteners and hardware, sending the assembly to the manufacturer for overhaul or replacement, etc. Once the appropriate remedial action has been taken and the inspection task has been satisfactorily performed, the mechanic may sign off the "Mechanic" block.

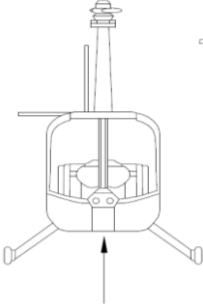
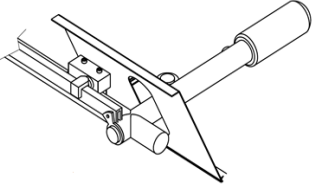
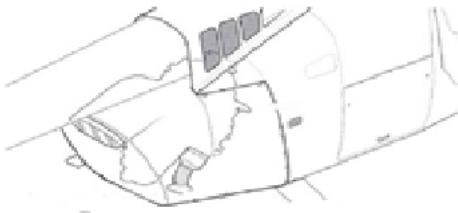
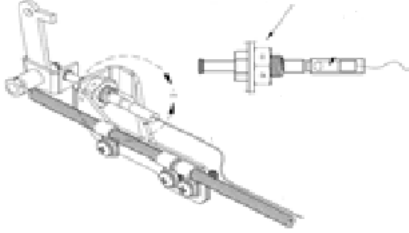
Once all tasks are signed off in the "Mechanic" Column, the inspection form may be signed off at the top of the form and the inspection has then been completed.

5.2 Special Inspection

In the event of a hard landing, perform the "Annual Inspection" tasks prior to returning the aircraft to service.

Helicopter S/N: _____ Registration: _____
 Facility: _____ W.O.: _____
 A/F Total time: _____ Rin: _____
 Engine Total time: _____ Cycle: _____
 Date started: _____ Date completed: _____
 Signature: _____ License number: _____

Annual Inspection

Data Reference	Inspection Task Description	Mechanic
APPENDIX A	 1. REMOVE BOTH COVER PLATES UNDER AND BEHIND THE PILOT COLLECTIVE. 2. REMOVE THE LOWER AIRFRAME CENTER BELLY ACCESS PANEL. 3. LOCATE THE THROTTLE POSITION SWITCH S1 PER R66 INSTALLATION DWG RH-105 SHT 1 - 4. 4. CHECK THE S1 POSITION SWITCH MOUNTING HARDWARE IS SECURE AND THERE ARE NO CRACKS IN THE MOUNTING ASSY. 5. VERIFY ALL WIRING ON THE S1 POSITION SWITCH IS SECURE. 6. WITH THE THROTTLE IN THE CLOSED POSITION, VERIFY THE SWITCH ACTUATOR BUTTON IS SECURE AND IT IS CENTER WITH THE S1 POSITION SWITCH PER DWG RH-105 SHT 4. 7. LOCATE RELAY R1 AND R2 PER DWG RH-105 SHT 5 BELOW THE COLLECTIVE AND VERIFY THE RELAYS AND THE WIRE SPADE TERMALS ARE SECURE. 8. LOCATE AMBER LAMP L1 AND VERIFY IT IS SECURE. 	
	  1. LOCATE THE FUEL CONTROL UNIT (FCU) ON THE ENGINE. 2. LOCATE THE FCU LEVER AND THE AKV S2 POSITION SWITCH PER DWG RH-105 SHT 10. 3. CHECK THAT THE S2 SWITCH SAFETY WIRE IS SECURE AND THE NUT IS TIGHT. 4. VERIFY THERE IS NO CORROSION AROUND THE SWITCH AND BRACKET. 5. VERIFY THE S2 SWITCH MOUNTING BRACKET S SECURE. 6. USING A MILLIOHM METER, CHECK THAT THE BONDING OF THE SWITCH BODY TO AIRFRAME GROUND IS <2.5 MILLOHM. 7. CHECK THE S2 WIRE BULLET CONNECTION AND HEAT SHRINK TUBING IS TIGHT AND SECURE.	

Data Reference	Inspection Task Description	Mechanic
	Operational Check 1. BATTERY SWITCH ON. 2. FUEL CUTOFF IS PULLED TO CUTOFF POSITION 3. THROTTLE IS CLOSED 4. RELEASE THE ROTOR BRAKE AND CONFIRM ROTOR BRAKE LIGHT IS EXTINGUISHED. 5. PRESS-TO-TEST THE THROTTLE POSITION AMBER LIGHT. 6. OPEN THE THROTTLE APPROX. 1/2" AND CHECK AMBER LIGHT IS ILLUMINATED. 7. PRESS THE COLLECTIVE START PUSHBUTTON TO VERIFY THE STARTER DOES NOT ENGAGE. 8. CLOSE THE THROTTLE AND THE VERIFY AMBER LIGHT EXTINGUISHES. 9. OPEN THE FUEL CUTOFF APPROX. 1" AND CHECK AMBER LIGHT IS ILLUMINATED. 10. PRESS THE COLLECTIVE START PUSHBUTTON TO VERIFY STARTER DOES NOT ENGAGE. 11. CLOSE THE FUEL CUTOFF AND VERIFY THE AMBER LIGHT EXTINGUISHES. 12. PULL THE CIRCUIT BREAKER MARKED "AKV RHSI" 13. PRESS-TO-TEST THE AMBER LIGHT TO VERIFY IT DOES NOT ILLUMINATE. 14. PRESS THE COLLECTIVE START PUSHBUTTON AGAIN TO VERIFY THE STARTER ENAGAGES. 15. PUSH THE CIRCUIT BREAKER BACK IN. 16. START ENGINE PER FLIGHT MANUAL. 12. AFTER ENGINE START IS COMPLETE AND THE HELICOPTER IS AT GROUND IDLE, PRESS-TO-TEST THE AMBER LIGHT AGAIN TO VERIFY IT DOES NOT ILLUMINATE. 15. SHUTDOWN ENGINE. WARNING: THE OPERATIONAL CHECK ABOVE IS IMPORTANT TO CONFIRM CORRECT OPERATION OF THE CIRCUIT BY: 1. Verifying the system interrupts starter engagement when armed. 2. Verifying that with the system armed, engine start is achievable and that the system is disarmed after clutch engagement. This confirms that engine restarts can be accomplished after an in-flight engine failure. 3. Verifying the system can be disarmed by pulling the circuit breaker. IF THIS TEST FAILS, FOLLOW THE TROUBLE SECT. 7 END TEST	

6. REMOVING PARTS

The Starter Interrupt kit may be overridden such as during replacement of the position switch S1, Relay R1 or R2. If the aircraft needs to be flown while replacement of parts is procured, this is accomplished by pulling the circuit breaker marked "**AKV RHSI**" and installing a zip tie under the circuit breaker head to prevent energizing the breaker until replacement parts have been installed.

NOTE: The instrument panel must be placarded with the system being inoperative to advise the pilot

NOTE: If the Starter Interrupt kit is to no longer be used, it must be removed in its integrity

7. TROUBLESHOOTING

The troubleshooting table provides the mechanic with guidance for diagnosing malfunctions and the recommended course of action to remedy the fault. Additional help can be found in the Inspection Task (operational task) starting on Pg. 7 or by contacting AKV. See Page 1 for support contact information.

Fault	Probable Cause	Action
Test failure	1. Check Circuit Breaker has not popped 2. Position switch S1 out of position 3. FCU Position switch S2 out of position 4. Position switch S1 or S2 is bad. 5. Amber light L1 failure 6. Relay R1 or R2 failure	1. Reset Circuit Breaker. If it does not reset, check for wiring short. 2. Check position switch S1 is adjusted Correctly 3. Check FCU position switch S2 is adjusted Correctly and there is proper ground bonding of the switch thru the bracket to airframe ground. 4. If correctly adjusted, replace position switch S1 or S2. 5. Replace L1 bulb 6. Replace Relay R1 or R2

NOTE: If the above actions do not resolve the issue, contact AKV for additional assistance

8. WEIGHT AND BALANCE CHANGES

No effect to weight and balance

BLANK

Appendix A

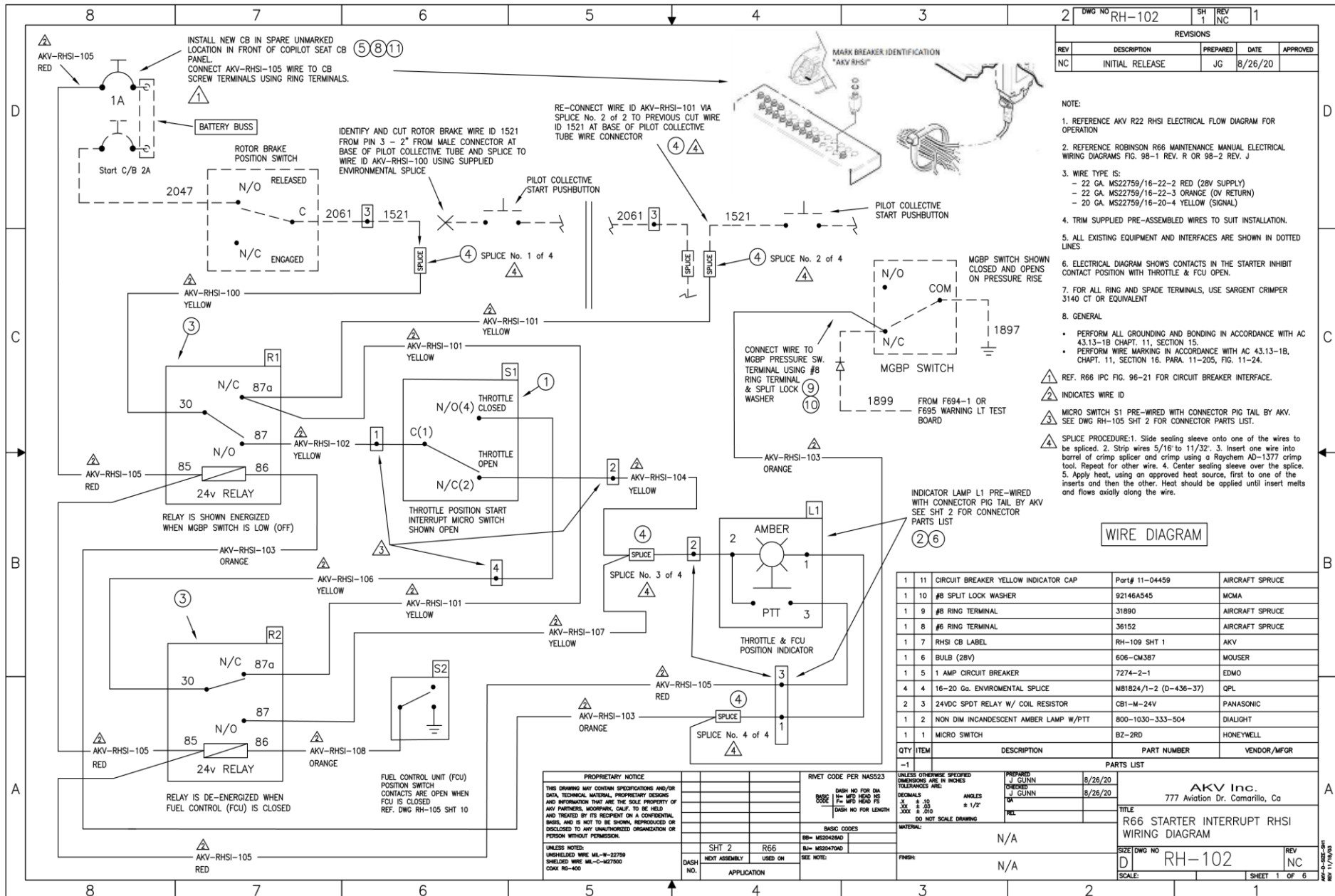
INSTALLATION DIAGRAMS

This chart is a list of applicable drawings found in the MDL RHSI-002 for the R44

DRAWING#	TITLE	REV	DATE
RH-102 sht 1	R66 WIRING DIAGRAM	NC	8/26/20
RH-102 sht 2	R66 WIRING HARNESS ARRANGEMENT DIAGRAM	NC	8/26/20
RH-102 sht 3	R66 WIRING HARNESS ARRANGEMENT DIAGRAM	NC	8/26/20
RH-102 sht 4	R66 WIRING HARNESS ARRANGEMENT DIAGRAM	NC	8/26/20
RH-102 sht 5	R66 WIRING ROUTING DIAGRAM	NC	8/26/20
RH-102 sht 6	R66 WIRING ROUTING DIAGRAM	NC	8/26/20
RH-105 sht 1	R66 COVER REMOVALS	NC	8/26/20
RH-105 sht 2	R66 MICRO SWITCH S1 AND BRACKET	NC	8/26/20
RH-105 sht 3	R66 MICRO SWITCH S1 AND BRACKET	NC	8/26/20
RH-105 sht 4	R66 MICRO SWITCH S1 AND BRACKET	NC	8/26/20
RH-105 sht 5	R66 RELAY INSTALLATION	NC	8/26/20
RH-105 sht 6	R66 INDICATOR LAMP INSTALLATION	NC	8/26/20
RH-105 sht 7	R66 FUEL CONTROL SWITCH INSTALLATION	NC	8/26/20
RH-105 sht 8	R66 FUEL CONTROL SWITCH ASSY.	NC	8/26/20
RH-105 sht 9	R66 FUEL CONTROL SWITCH EXPLOSION DETAIL	NC	8/26/20
RH-105 sht 10	R66 FUEL CONTROL WIRING AND SETUP	NC	8/26/20
RH-109 sht 1	RHSI LABEL CB	NC	8/26/20
RH-109 sht 2	RHSI LABEL R1	NC	8/26/20
RH-109 sht 3	RHSI LABEL R2	NC	8/26/20
RH-109 sht 4	RHSI LABEL L1 PTT	NC	8/26/20
RH-109 sht 5	RHSI LABEL ANNUNCIATOR	NC	8/26/20

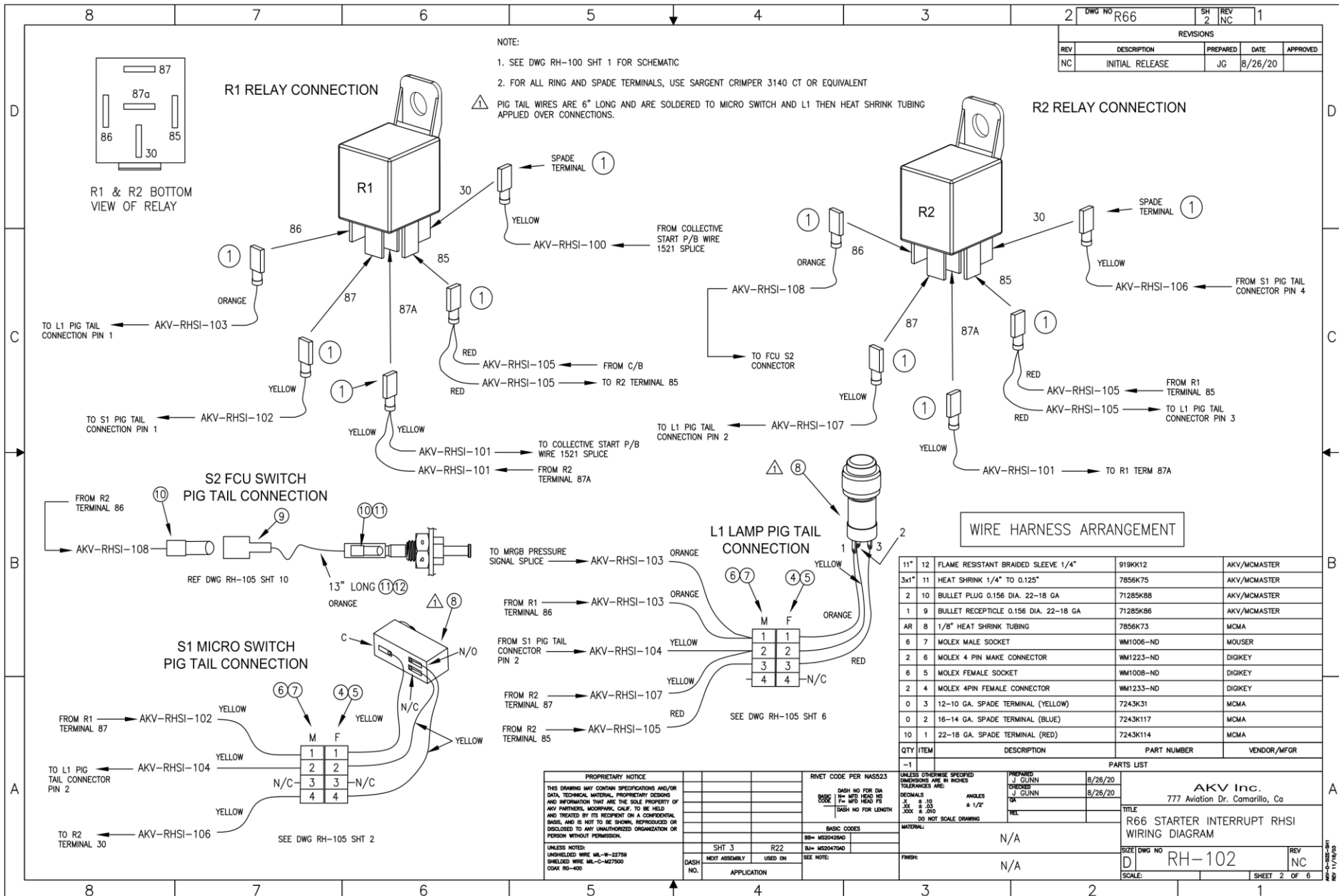
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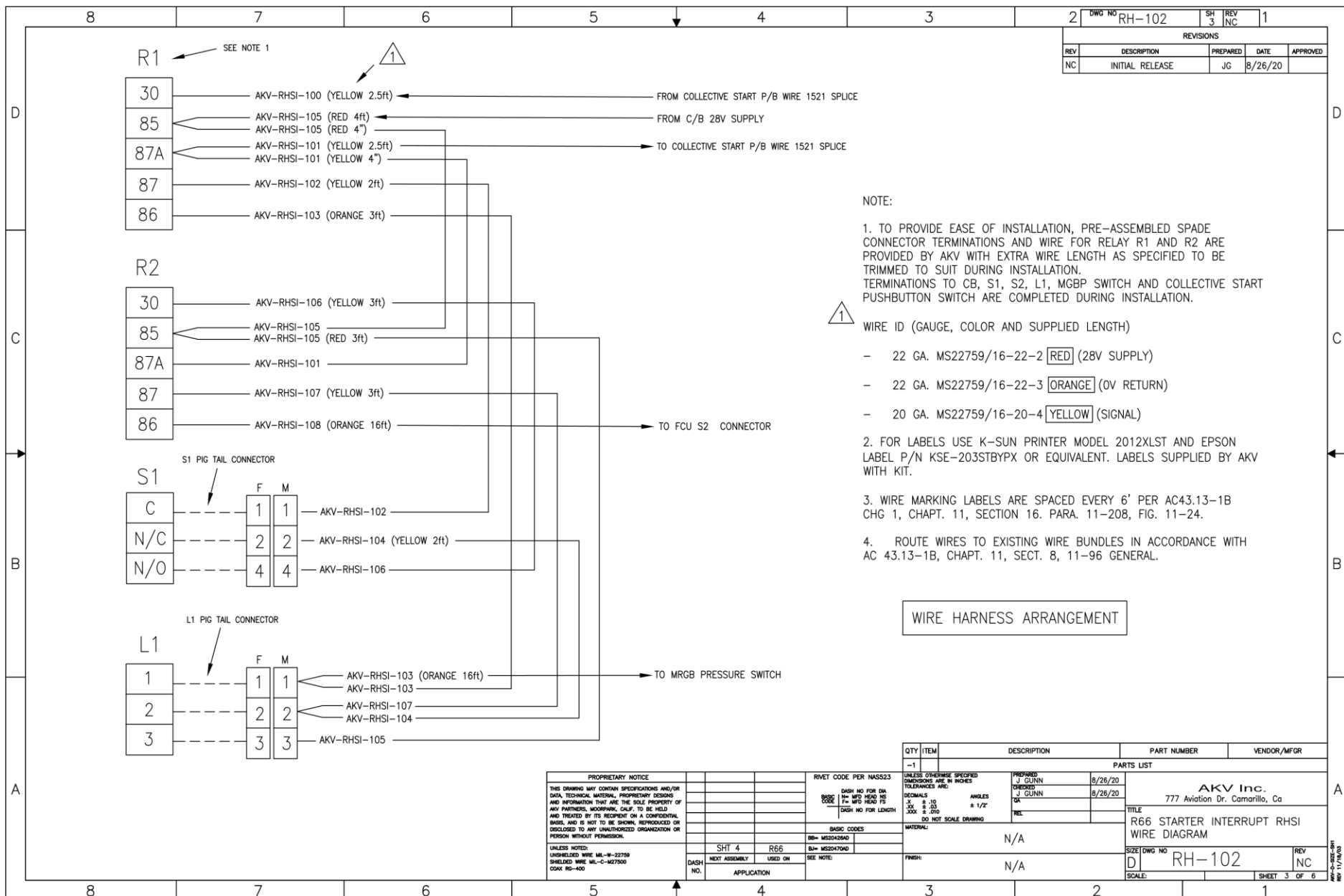
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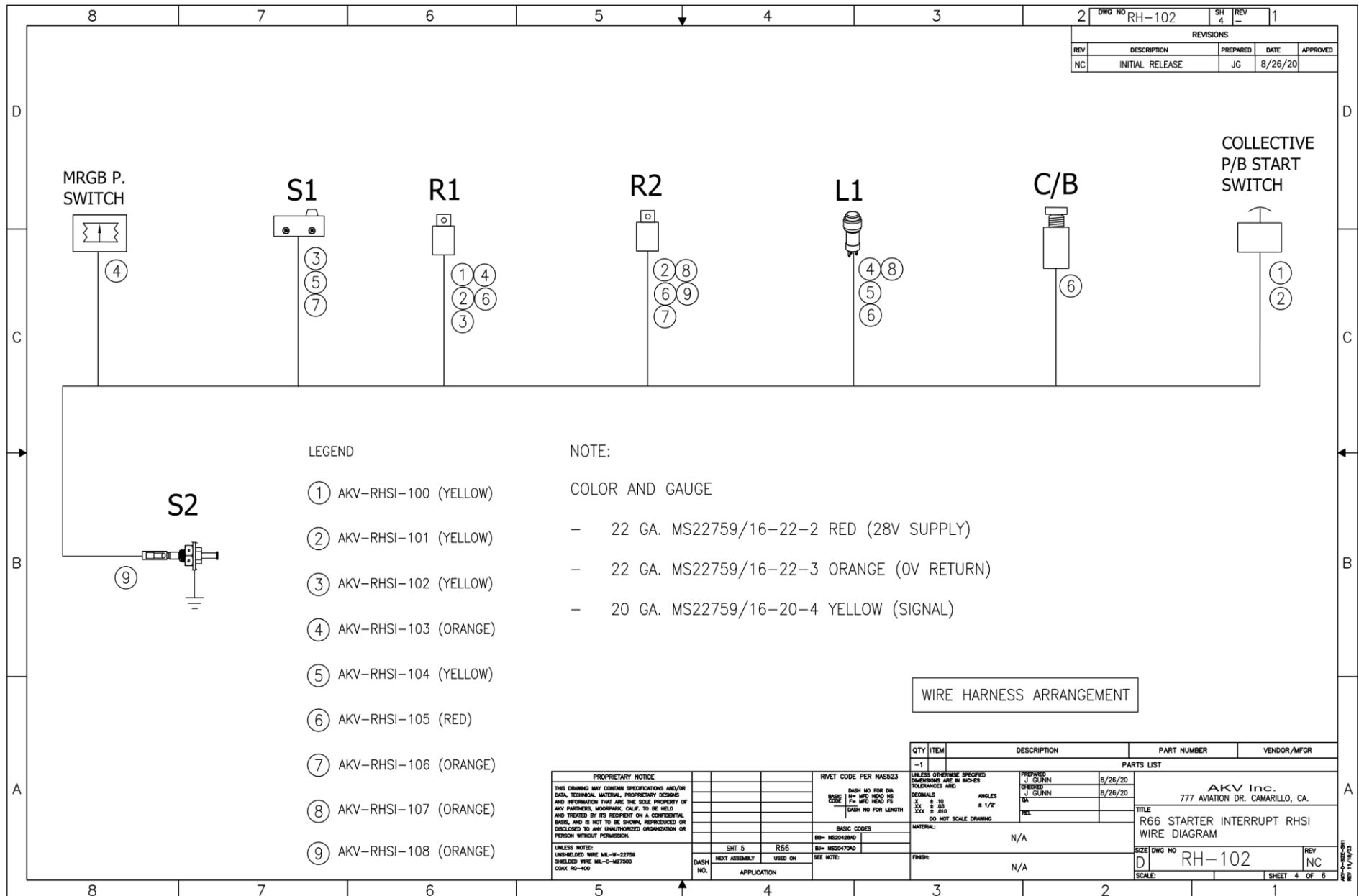
AKV, Inc
Robinson Helicopter Starter Interrupt kit P/N RHSI for the R66
Instructions for Continued Airworthiness

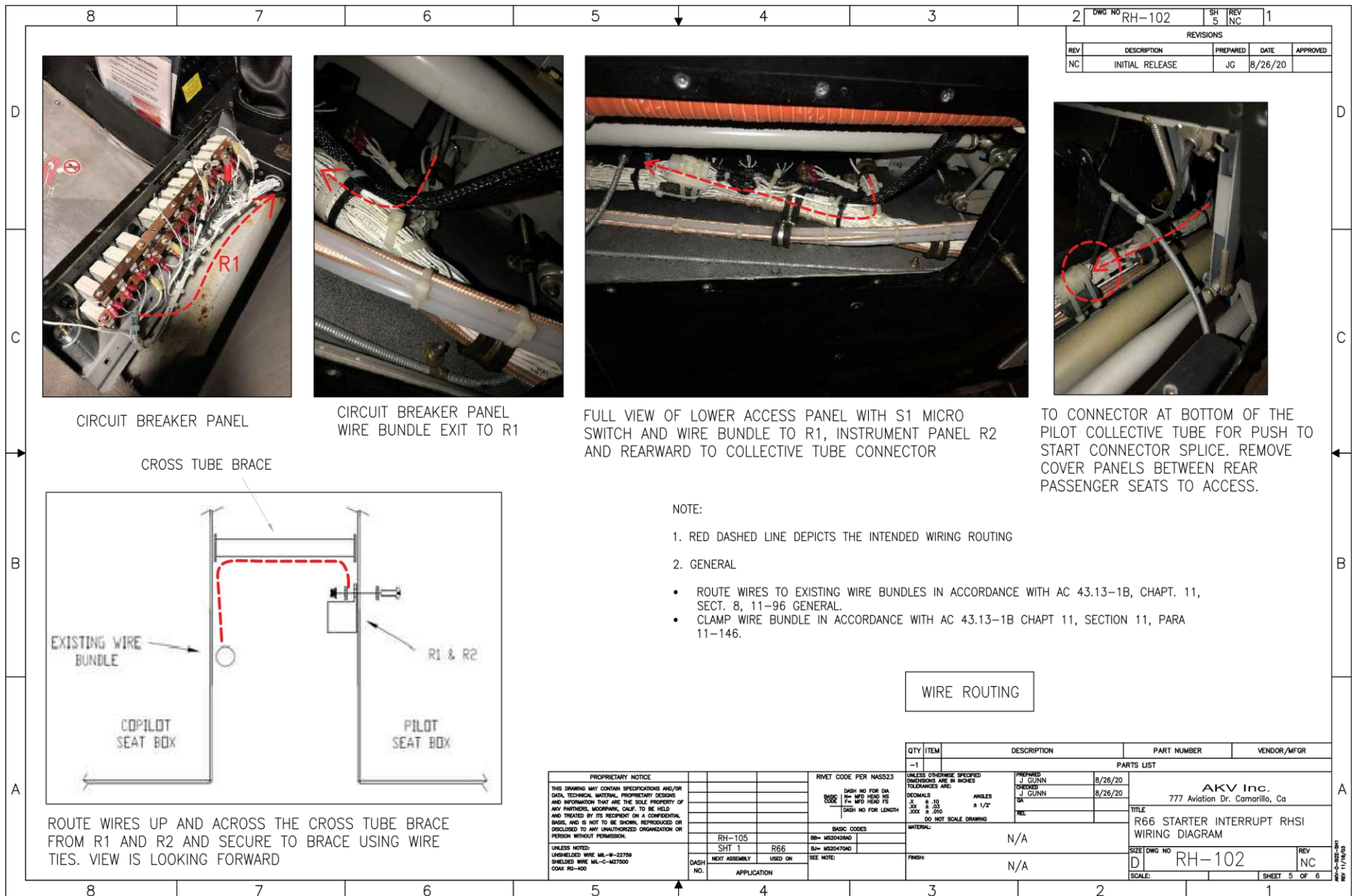
RHSI-R66-ICA
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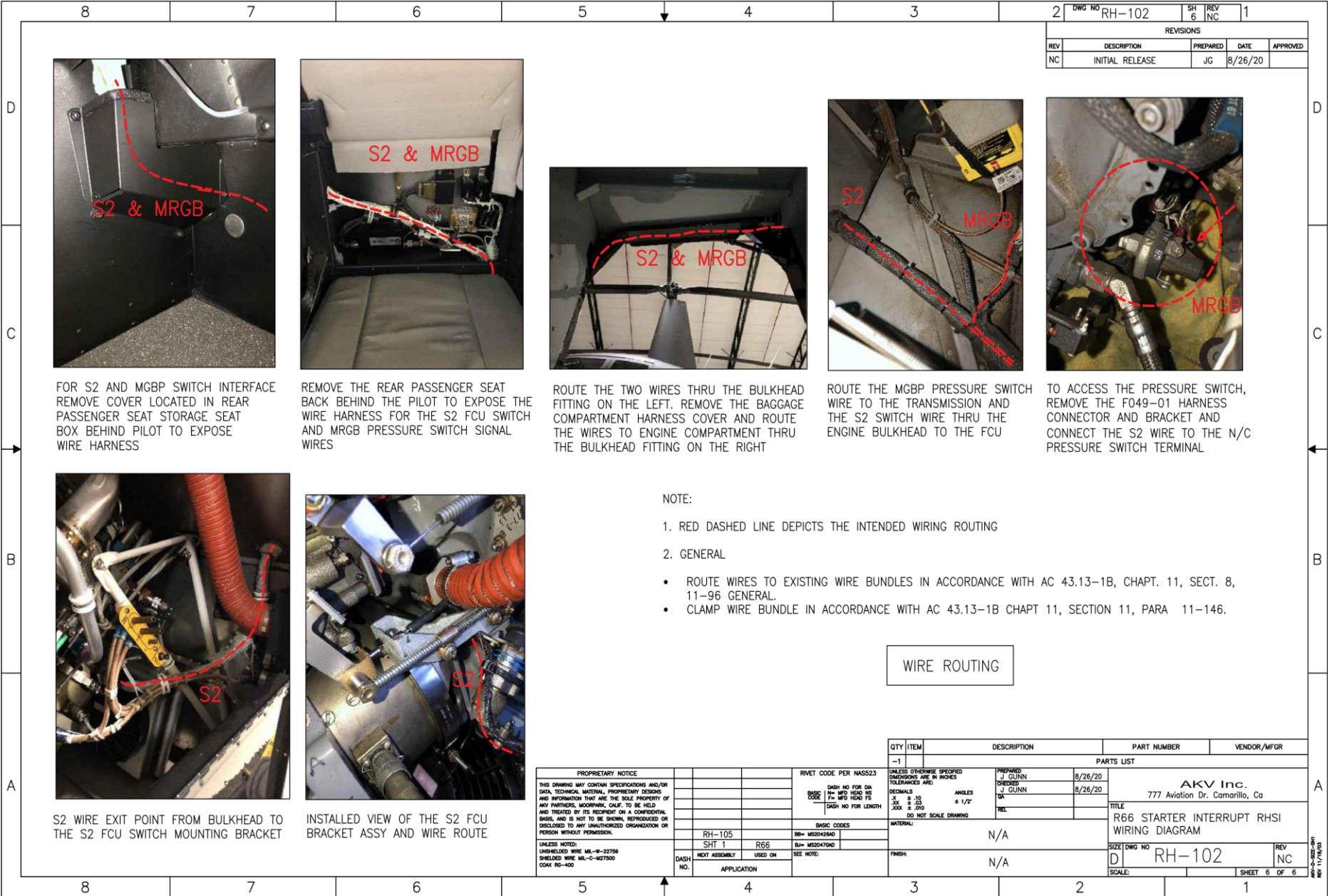


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Revision NC
Sept. 14th, 2019

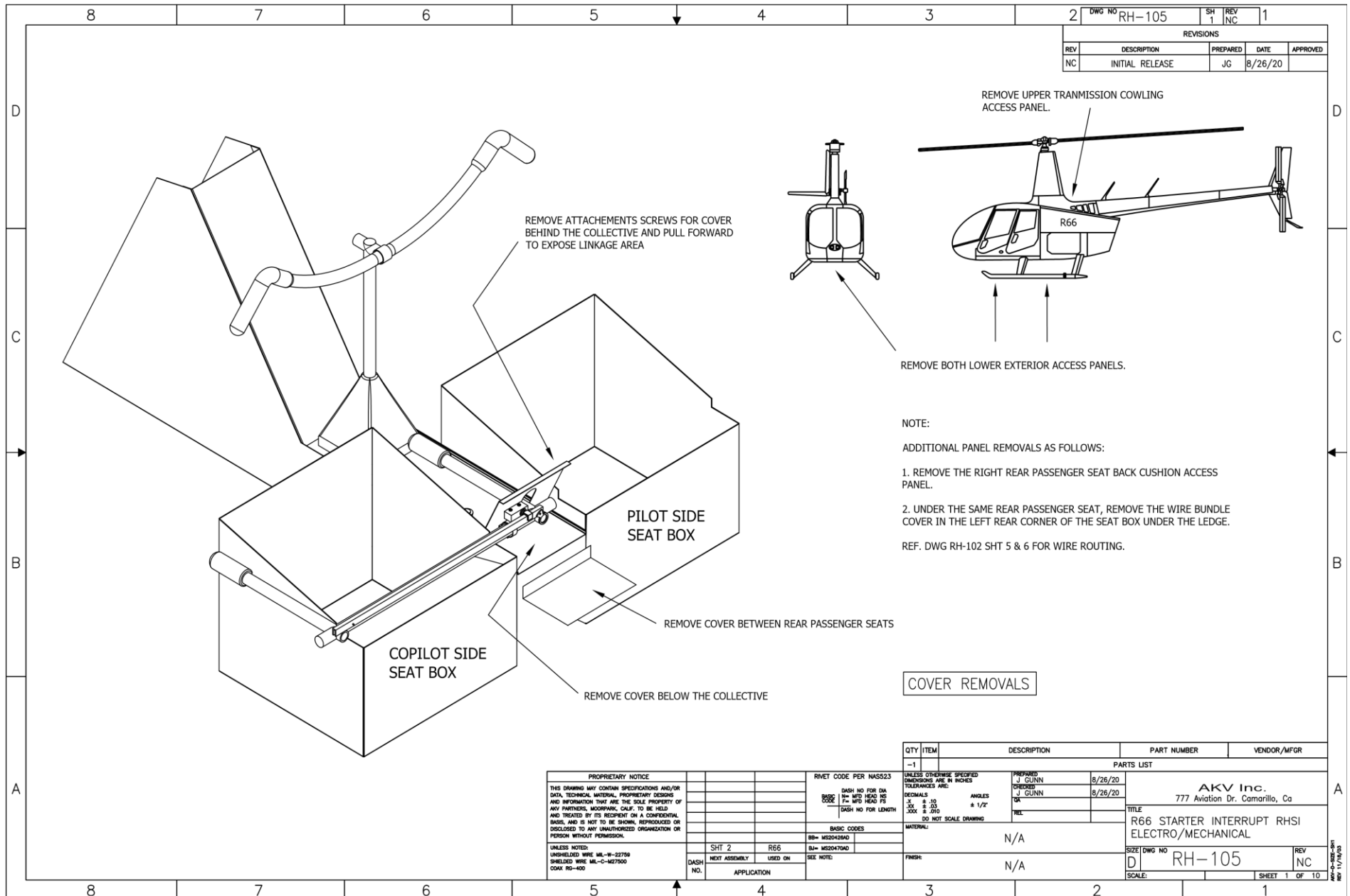




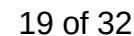


AKV, Inc
Robinson Helicopter Starter Interrupt kit P/N RHSI for the R66
Instructions for Continued Airworthiness

RHSI-R66-ICA
Revision NC
Sept. 14th, 2019

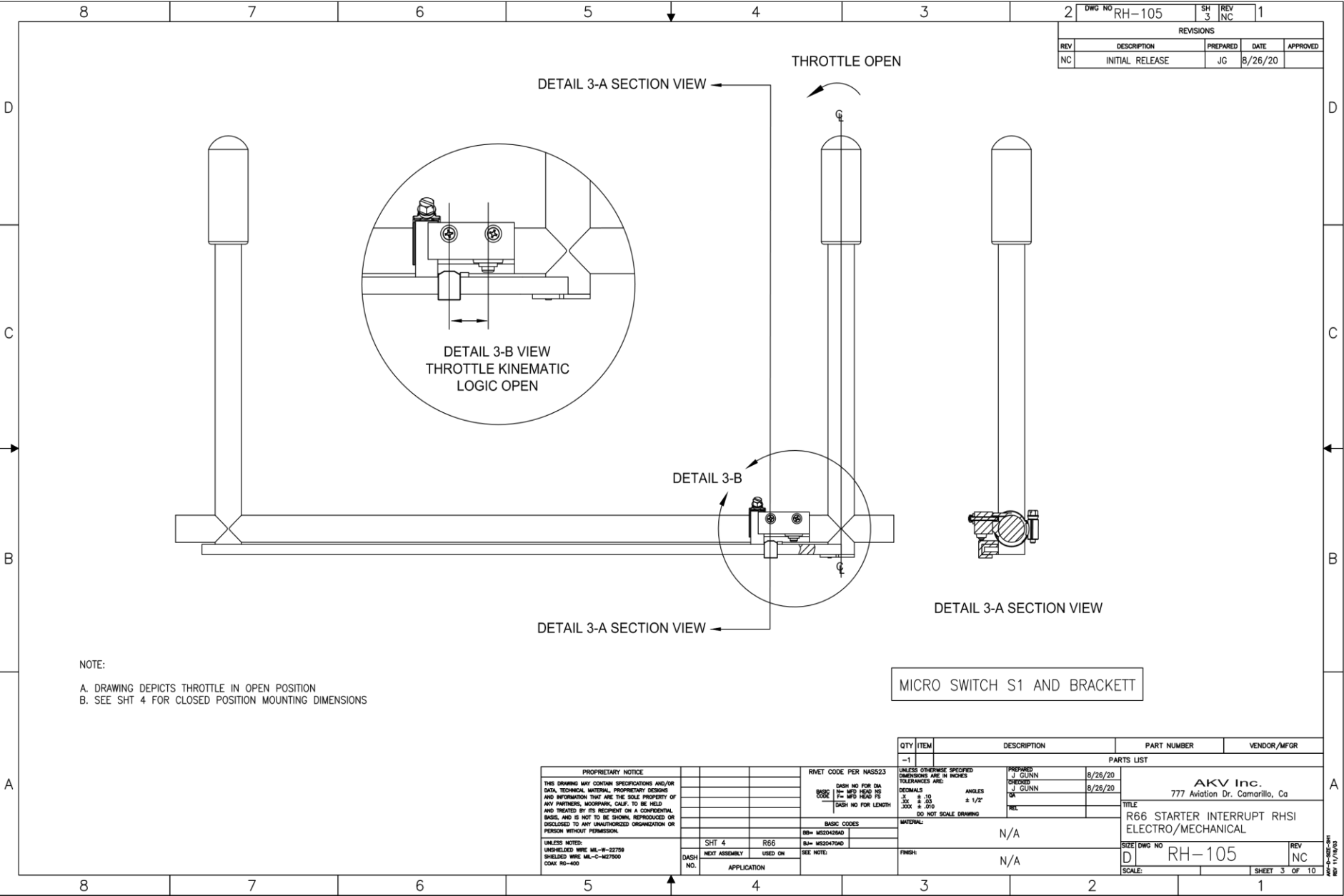


RHSI-R66-ICA
Revision NC
Sept. 14th, 2019

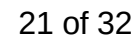


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Robinson Helicopter Starter Interrupt kit P/N RHSI for the R66
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RHSI-R66-ICA
Revision NC
Sept. 14th, 2019

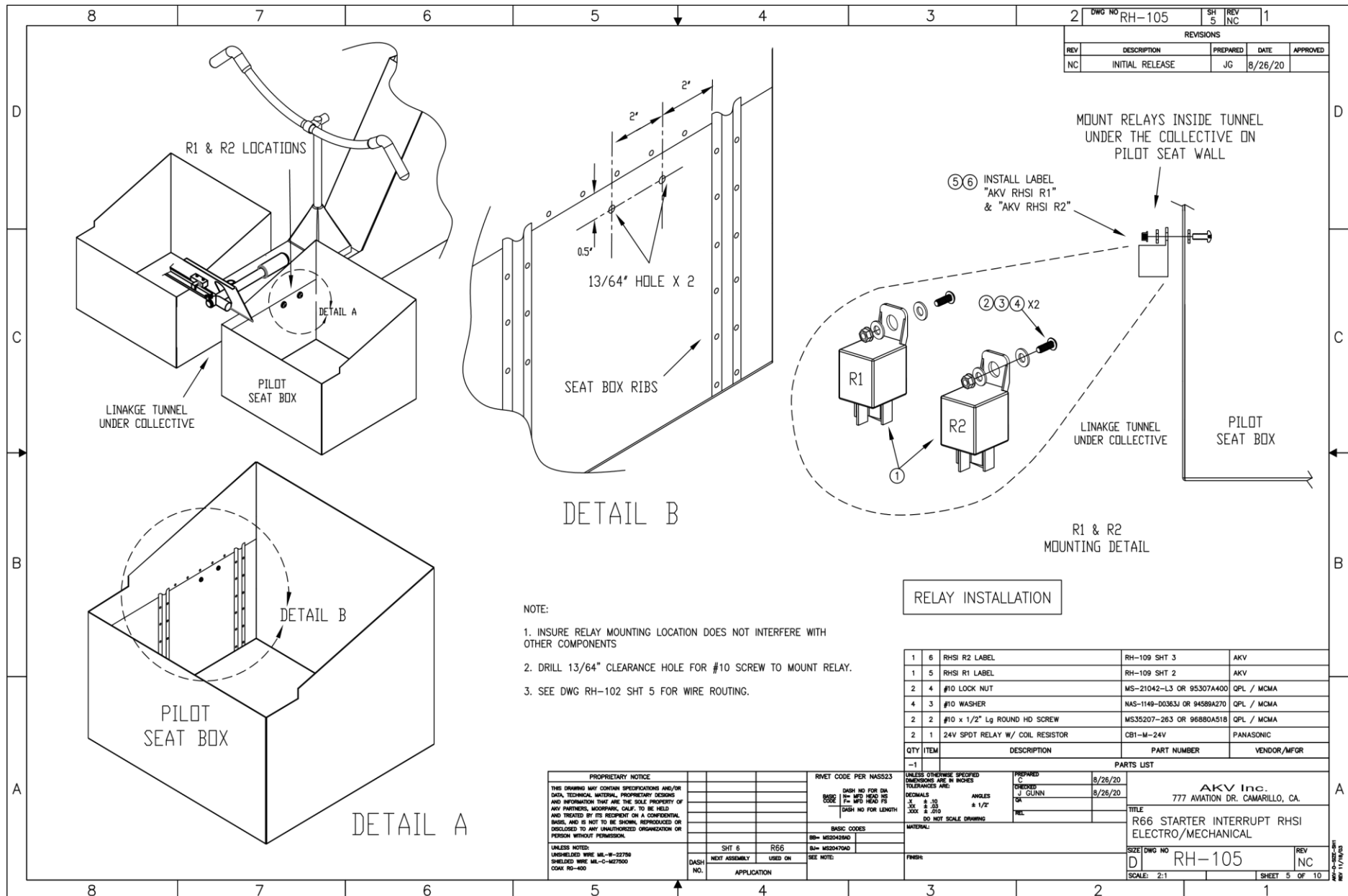


RHSI-R66-ICA
Revision NC
Sept. 14th, 2019

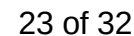


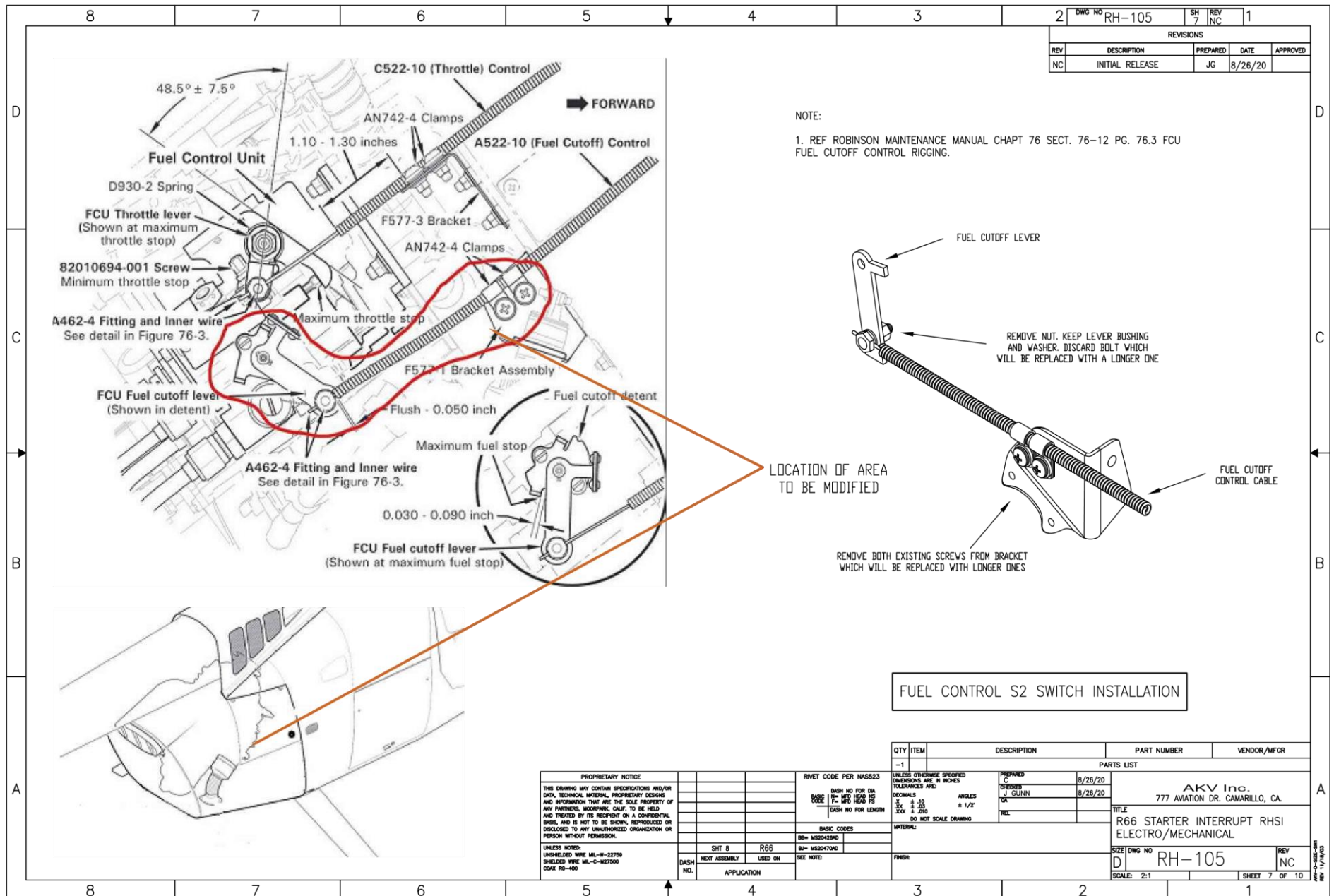
AKV, Inc
Robinson Helicopter Starter Interrupt kit P/N RHSI for the R66
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Revision NC
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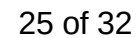


RHSI-R66-ICA
Revision NC
Sept. 14th, 2019

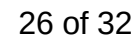


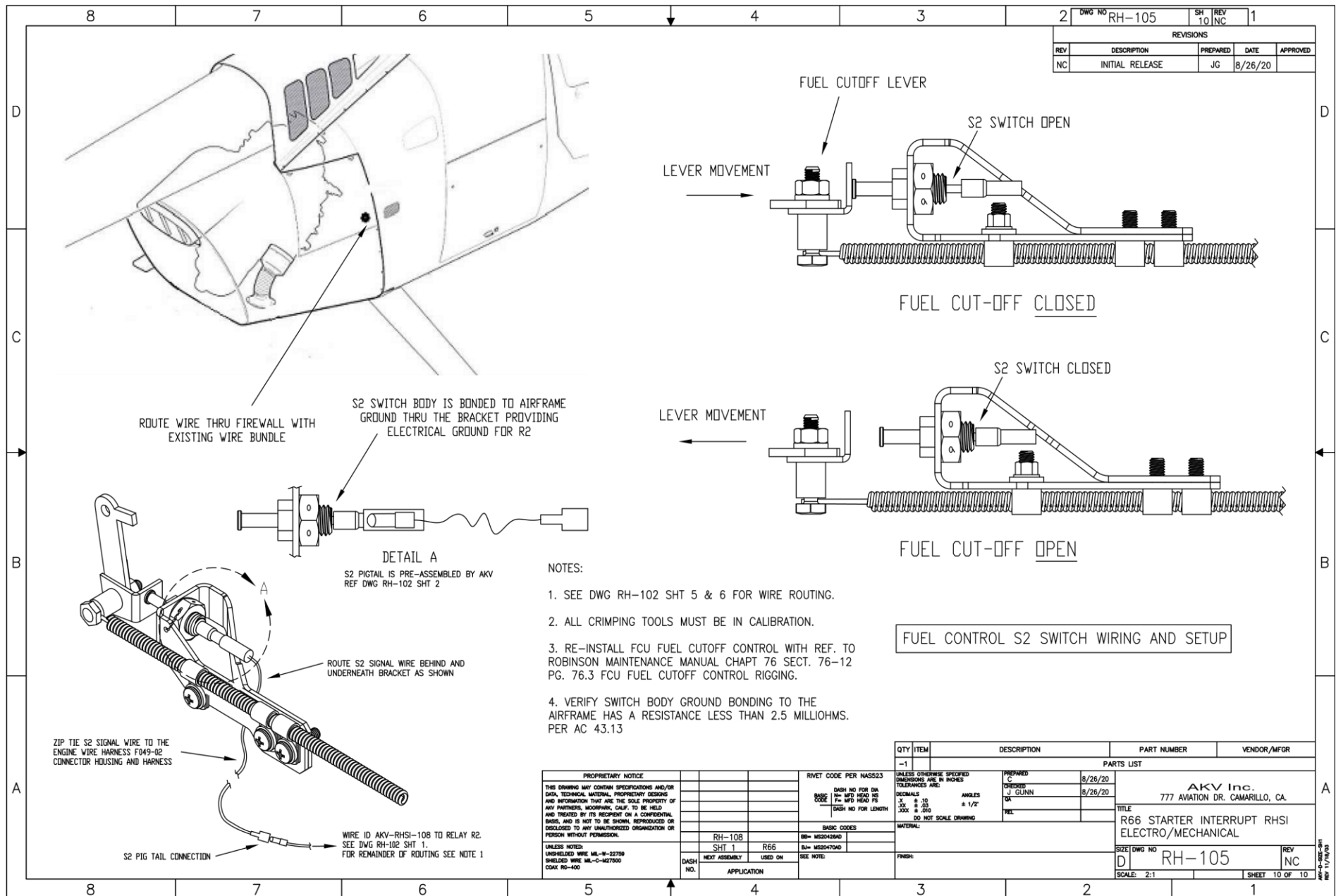


RHSI-R66-ICA
Revision NC
Sept. 14th, 2019



RHSI-R66-ICA
Revision NC
Sept. 14th, 2019





8	7	6	5	4	3	2	1
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0.250"

0.75"

AKV RHSI

CB LABEL

Note:

1. White font on black background.
2. Font is 0.125" high normal width
3. Label has radius corners
4. Font type is Helsinki or equivalent
5. One label per kit required
6. Material is 108628 17 Mil thk super adhesive

PROPRIETARY NOTICE		RIVET CODE PER NAS523		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		PARTS LIST	
THIS DRAWING MAY CONTAIN SPECIFICATIONS AND/OR DATA, TECHNICAL MATERIAL, PROPRIETARY DESIGNS AND INFORMATION THAT ARE THE SOLE PROPERTY OF ANY PARTNER, INCLUDING, BUT NOT LIMITED TO, BE HELD AND TREATED BY ITS RECIPIENT ON A CONFIDENTIAL BASIS, AND IS NOT TO BE REPRODUCED, REPRODUCED OR DISCLOSED TO ANY UNAUTHORIZED ORGANIZATION OR PERSON WITHOUT PERMISSION.		DASH NO FOR ON B- WTS: 1000 100 P- WTS: 1000 100 DASH NO FOR LENGTH		PREPARED J GUNN 8/26/20		RIPPED SHEETS	
UNLESS NOTED: UNSHIELDED WIRE MIL-C-22758 SHIELDED WIRE MIL-C-127500 COW: RD-400		BASIC CODES R22, R44 B- WTS: 1000 100 P- WTS: 1000 100		DECIMALS 1/8 ± .03 1/16 ± .015 1/32 ± .010 DO NOT SCALE DRAWING		CHECKED J GUNN 8/26/20	
SHT 2 NEXT ASSEMBLY USED ON		SEE NOTE		MATERIAL: N/A		TITLE STARTER INTERRUPT RHSI MECHANICAL	
DASH NO.		APPLICATION		FINISH CHEM-FILM PER MIL-C-545A, CL.1A, YELLOW		SIZE DWG NO D RH-109	
SCALE:		SHEET 1 OF 5		REV NC		DATE 8/26/20	

AKV, Inc
Robinson Helicopter Starter Interrupt kit P/N RHSI for the R66
Instructions for Continued Airworthiness

RHSI-R66-ICA
Revision NC
Sept. 14th, 2019

8	7	6	5	4	3	2	1
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1.25"

AKV RHSI R1

0.375"

Note:

1. White font on black background.
2. Font is 0.25" high normal width
3. Label has radius corners
4. Font type is Helsinki or equivalent
5. One label per kit required
6. Material is 108628 17 Mil thk super adhesive

R1 LABEL

PROPRIETARY NOTICE THIS DRAWING MAY CONTAIN SPECIFICATIONS AND/OR DATA, TECHNICAL MATERIAL, PROPRIETARY DESIGNS AND INFORMATION THAT ARE THE SOLE PROPERTY OF AKV, INC. ANY PARTS, MATERIALS, OR INFORMATION CONTAINED HEREIN ARE TO BE HELD AND TREATED BY ITS RECIPIENT ON A CONFIDENTIAL BASIS, AND IS NOT TO BE SHOWN, REPRODUCED OR DISCLOSED TO ANY UNAUTHORIZED ORGANIZATION OR PERSON WITHOUT PERMISSION.		RIVET CODE PER NAS523 DASH NO FOR DIA SH- WTD HEAD AS 1/4 WTD HEAD PS DASH NO FOR LENGTH		BASIC CODES R22, R44 & R66 SHT 2 NEXT ASSEMBLY USED ON APPLICATION		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES .XX ± .03 ± 1/2° .XXX ± .010 DO NOT SCALE DRAWING		PREPARED J. GUNN 8/26/20 CHECKED J. GUNN 8/26/20 TITLE STARTER INTERRUPT RHSI MECHANICAL	
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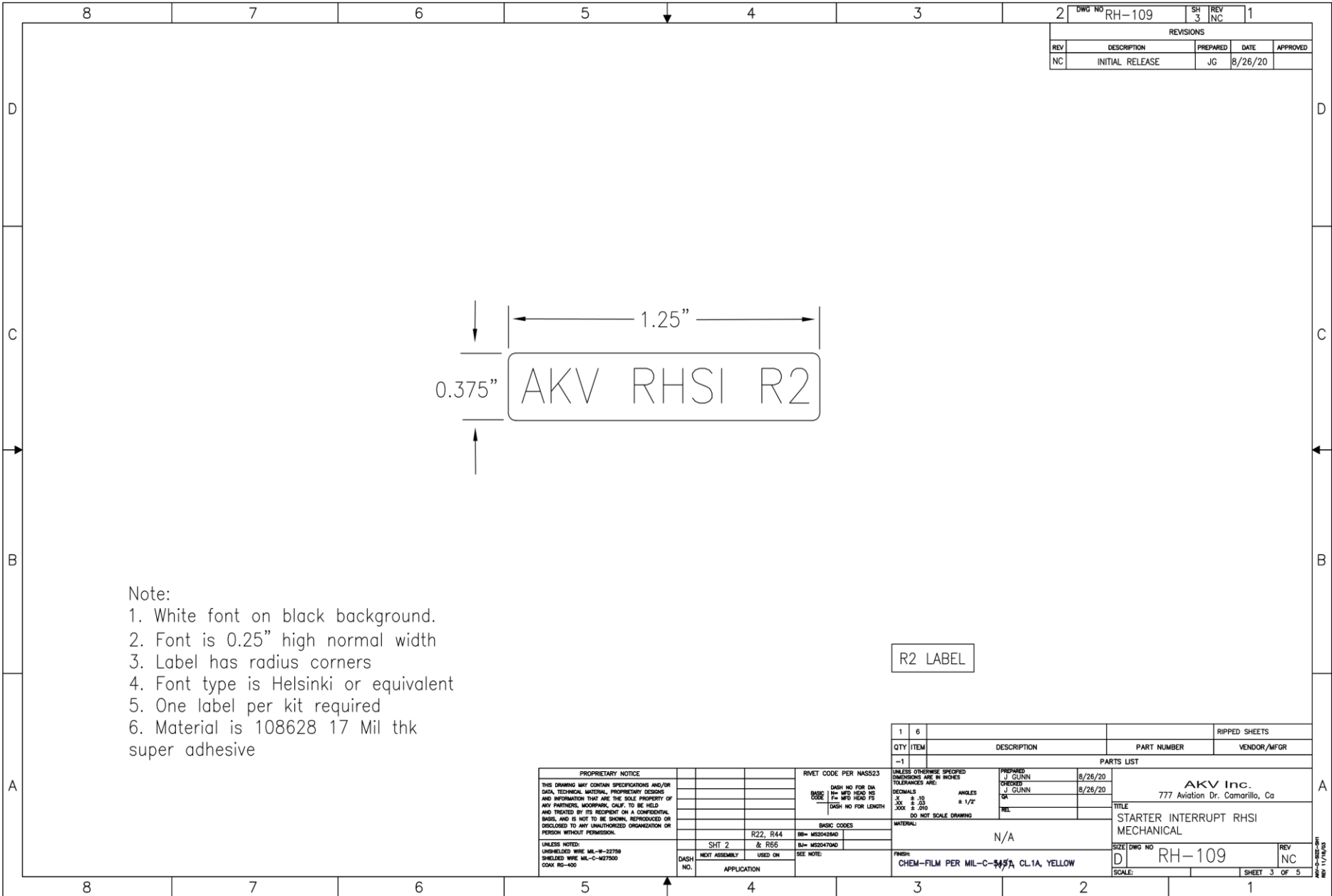
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1



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REPLACE "AKV"
 WITH COLOR LOGO

AKV RHSI L1 PTT

0.375"

1.75"

Note:

1. Use color logo in place of "AKV"
2. Remainder letters are black font on white background.
3. Font is 0.25" high normal width
4. Label has radius corners
5. Font type is Helsinki or equivalent
6. One label per kit required
7. Material is 108628 17 Mil thk super adhesive

L1 PTT LABEL

PROPRIETARY NOTICE THIS DRAWING MAY CONTAIN SPECIFICATIONS AND/OR DATA, TECHNICAL MATERIAL, PROPRIETARY DESIGNS AND INFORMATION THAT ARE THE SOLE PROPERTY OF AKV PARTNERS, MOOREPARK, CALIF. TO BE HELD AND TREATED BY ITS RECIPIENT ON A CONFIDENTIAL BASIS, AND IS NOT TO BE SHOWN, REPRODUCED OR DISCLOSED TO ANY UNAUTHORIZED ORGANIZATION OR PERSON WITHOUT PERMISSION.		RIVET CODE PER NAS523 DASH NO FOR DIA 10- WTS HEAD RS 17- WTS HEAD PS DASH NO FOR LENGTH		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES .5 .10 .5 .XX .25 1/2"	
UNLESS NOTED: UNSHIELDED WIRE MIL-W-22758 SHIELDED WIRE MIL-C-427300 COAK RD-420		BASIC CODES R22, R44 SHT 2 & R66 NEXT ASSEMBLY USED ON APPLICATION		FINISH: CHEM-FILM PER MIL-C-5457A, CL.1A, YELLOW	

1	6	DESCRIPTION	PART NUMBER	RIPPED SHEETS
QTY	ITEM			VENDOR/MFR
-1		PARTS LIST		
		PREPARED J GUNN	8/26/20	AKV Inc. 777 Aviation Dr. Camarillo, Ca
		DRAWN J GUNN	8/26/20	
		TITLE STARTER INTERRUPT RHSI MECHANICAL		
		SIZE/DWG NO D / RH-109		
		SCALE:		

8	7	6	5	4	3	2	1
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RHSI-R66-ICA
Revision NC
Sept. 14th, 2019

32 of 32