






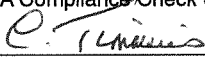

**SUBJECT:**

Required maintenance for Left Side Pilot Configuration (P/N 350-400004 / 74 and 350-400164).

**APPLICABILITY :**

Aircraft with the subject modification embodied in accordance with TCCA STC No. SH96-32 or any relevant foreign approvals.

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RELEASED BY:	P. Sharpe 	12 Feb 2013	ECL ENGINEERING



**RECORD OF REVISIONS**

Rev.	Pages at this Revision	Description, Reason Changed Pages	Prepared (name and date)	Checked (name and date)	App'd/Acc'd (Civil A/W Authority) (name and date)	Released (name and date)
0	1 through 36	Original Issue	D. Kerr 13 April 2009	C. Timmins 13 April 2009	N/A	R. Manson 26 June 2009
1	1 through 36	Revised inspection schedule from 500 flight hrs to 600. Revision to text to ensure correct operating procedure regarding lock on collective. (Pages 4, 22 and 25)	D. Kerr 26 June 2009	C. Timmins 26 June 2009	TCCA Alex Pompei 16 July 2009	R. Manson 17 July 2009
2	1 through 39	Updated General section to show english version of AMS documents. Incorporated Inspection details as given in SB 05.00.59 for the bellcrank support. (Pages 3 to 6, 19, 21, 23, 24, 32, 37 to 39)	D. Kerr 20 May 2010	C. Timmins 20 May 2010	TCCA G. David 20 May 2010	R. Manson 25 May 2010
3	1 through 53	Update to add AMS 07 4280 to capture IP changes, center console and ALPHA Panel. Addition of AS 350 B2/B3 AMM reference locations. relocation. (Pages 3 to 5, 11 to 22, 24 to 47, 50 to 53)	D. Kerr 25 October 2012	C. Timmins 25 October 2012	TCCA Alex Pompei 29 October 2012	R. Manson 5 November 2012
4	1 through 53	Revised the Airworthiness Limitations statement in Section 2. (Page 23)	See Page 1.	See Page 1.	See Page 1.	See Page 1.

NOTE: Revisions to this document will be distributed to operators of this equipment by the STC holder.

NOTE: Revised portions of affected pages are identified by a vertical black line in the margin adjacent to the change.

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**1. GENERAL**

- A. The subject left side pilot configuration is offered to provide better visibility during cargo sling operations and to improve space in the cabin for the installation of other optional equipment such as the Two Place Seat. Refer to Figure 1.

The Pre-Modification condition for the AS 350 B3 refers to helicopters equipped with the fuel shut-off and rotor brake mounted on the floor. The Post-Modification condition for the AS 350 B3 refers to helicopters equipped with the fuel shut-off and rotor brake mounted on the overhead console.

**NOTE:** Please follow the chart given below for applicable drawing number:

HELICOPTER TYPE	MODIFICATION STATUS	PART NUMBER
AS 350 BA	not applicable	350-400004
AS 350 B2	Pre and Post AMS 07-3274	350-400004
AS 350 B3	Pre-Mod AMS 07-2816	350-400074
AS 350 B3	Post-Mod AMS 07-2816	350-400164
AS 350 B3	Post-Mod AMS 07-3274	350-400164
AS 350 B3	Post-Mod AMS 07-4280	350-400164

For English translation of AMS 07-2816 refer to Eurocopter Canada Limited Document DOC-E-0047.

For English translation of AMS 07-3274 refer to Eurocopter Canada Limited Document DOC-E-0048.

This revision introduces MOD AMS 07-4280 which upgrades the pilot compartment with the installation of the new Multiblock Center Console for the AS 350 B2/B3.

The left side pilot configuration consists of the following main components:

- Left Side Pilot Flight Control Installation
- Instrument Panel Modification
- Center Console Modification
- OAT Probe Relocation (BA and B2 only)
- Portable Fire Extinguisher Relocation
- Load Meter Relocation (optional if Load Meter already exists in aircraft)
- Remote Caution Annunciator System (optional if Load Meter already exists in aircraft)

The fire extinguisher is relocated from its position in the basic aircraft on the RHS of the pilot's cyclic stick to the inboard side of the LHS seat. Refer to Figure 18.

For additional information on all Instrument Panel MOD's, refer to Figures 2 to 5.

For additional information of the Center Console MOD's, refer to Figures 5 and 7.

- B. These Instructions for Continued Airworthiness are applicable to aircraft with the subject modification embodied.



1. **GENERAL** (continued)

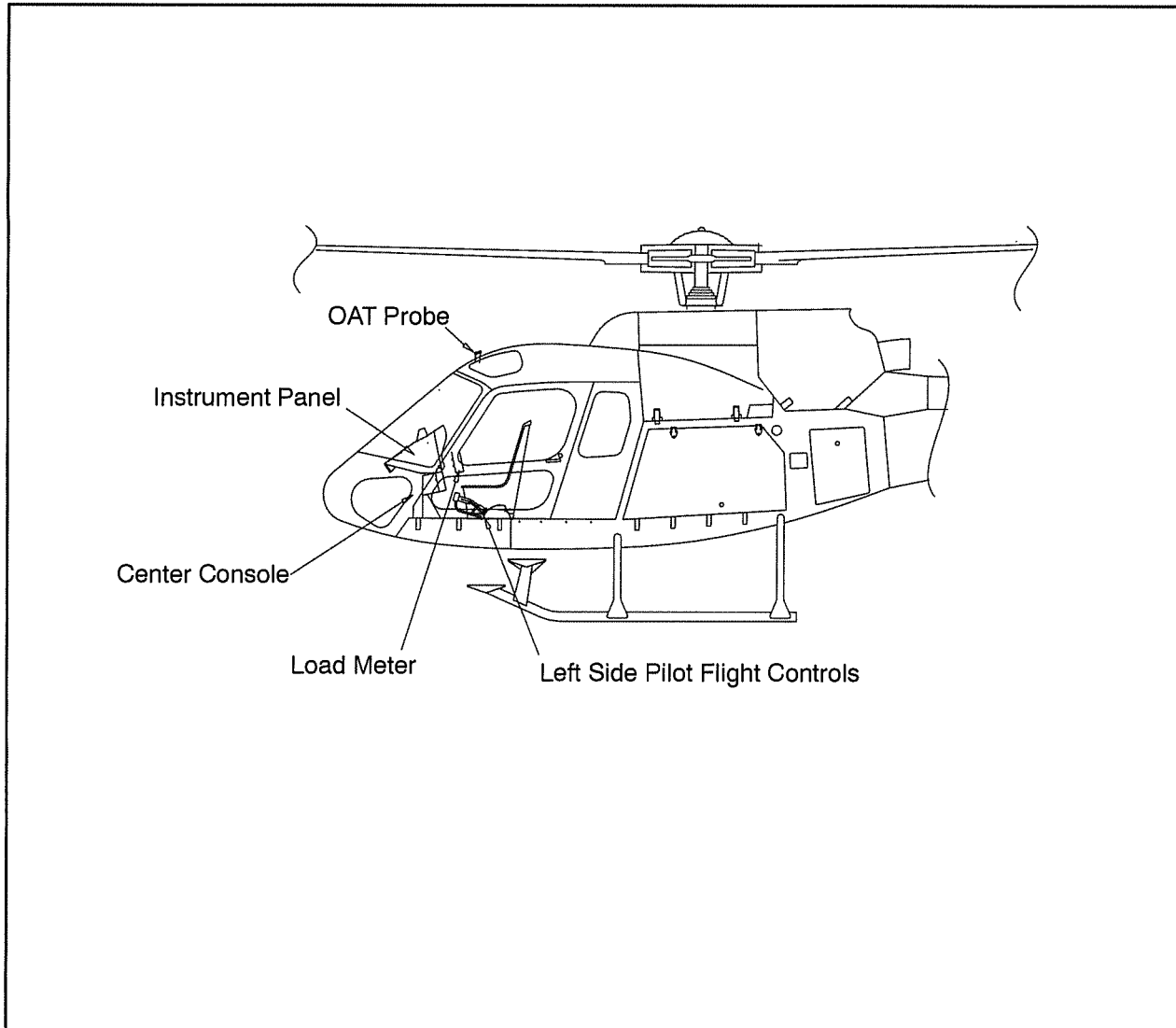


Figure 1 General Layout

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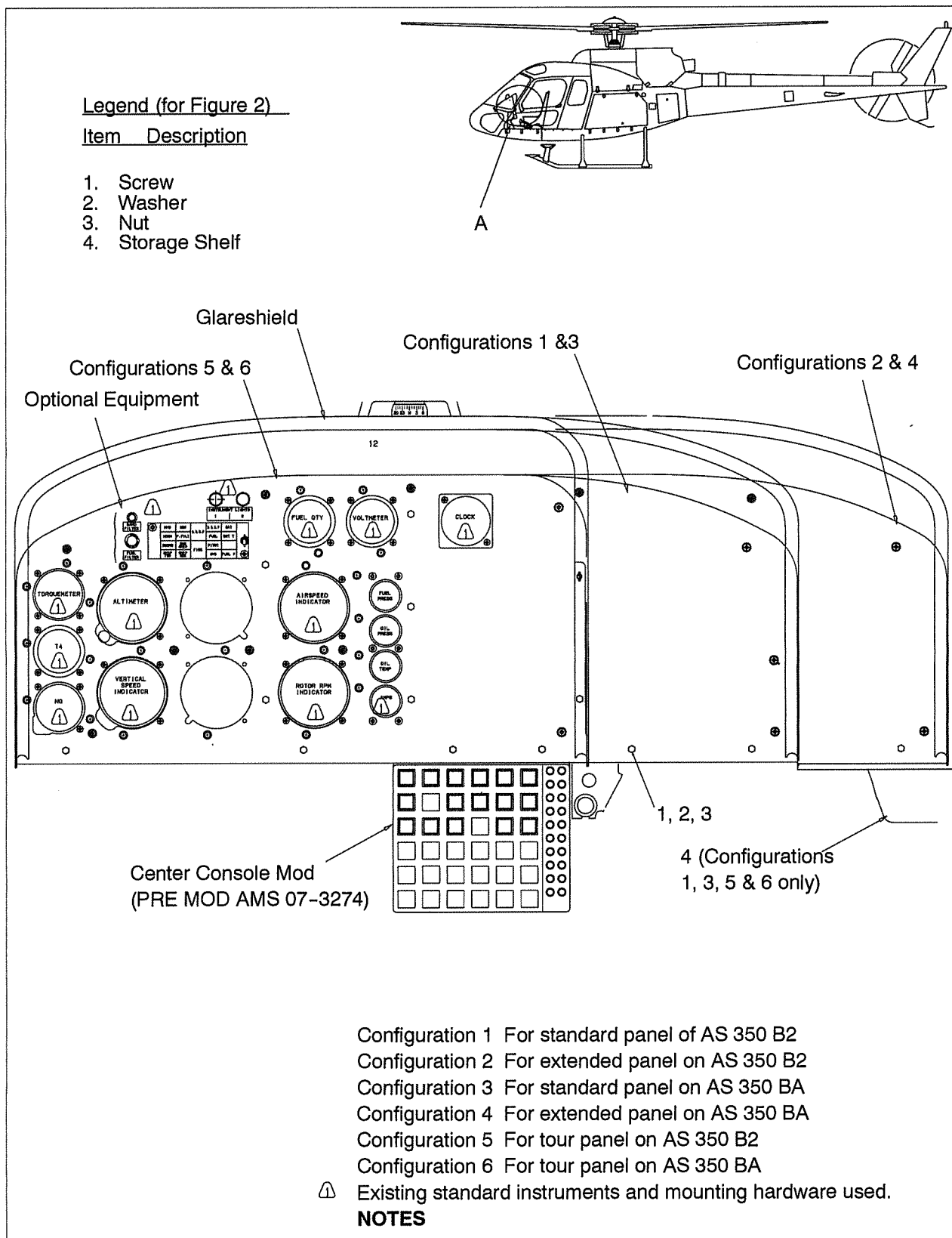


Figure 2 Instrument Panel MOD PRE AMS 07-3274 (AS 350 BA and B2)

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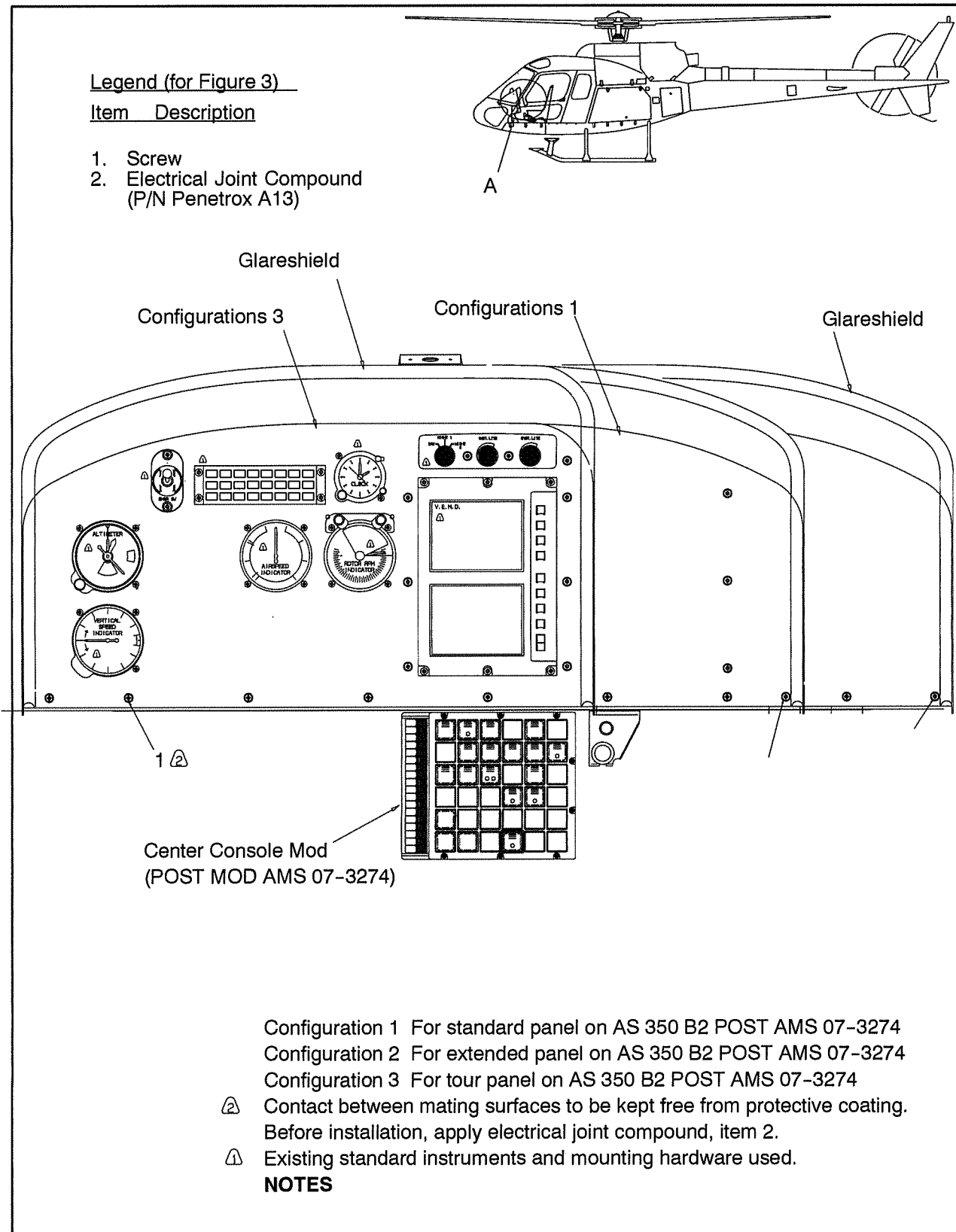


Figure 3 Instrument Panel MOD POST AMS 07-3274 (7 Place AS 350 B2)

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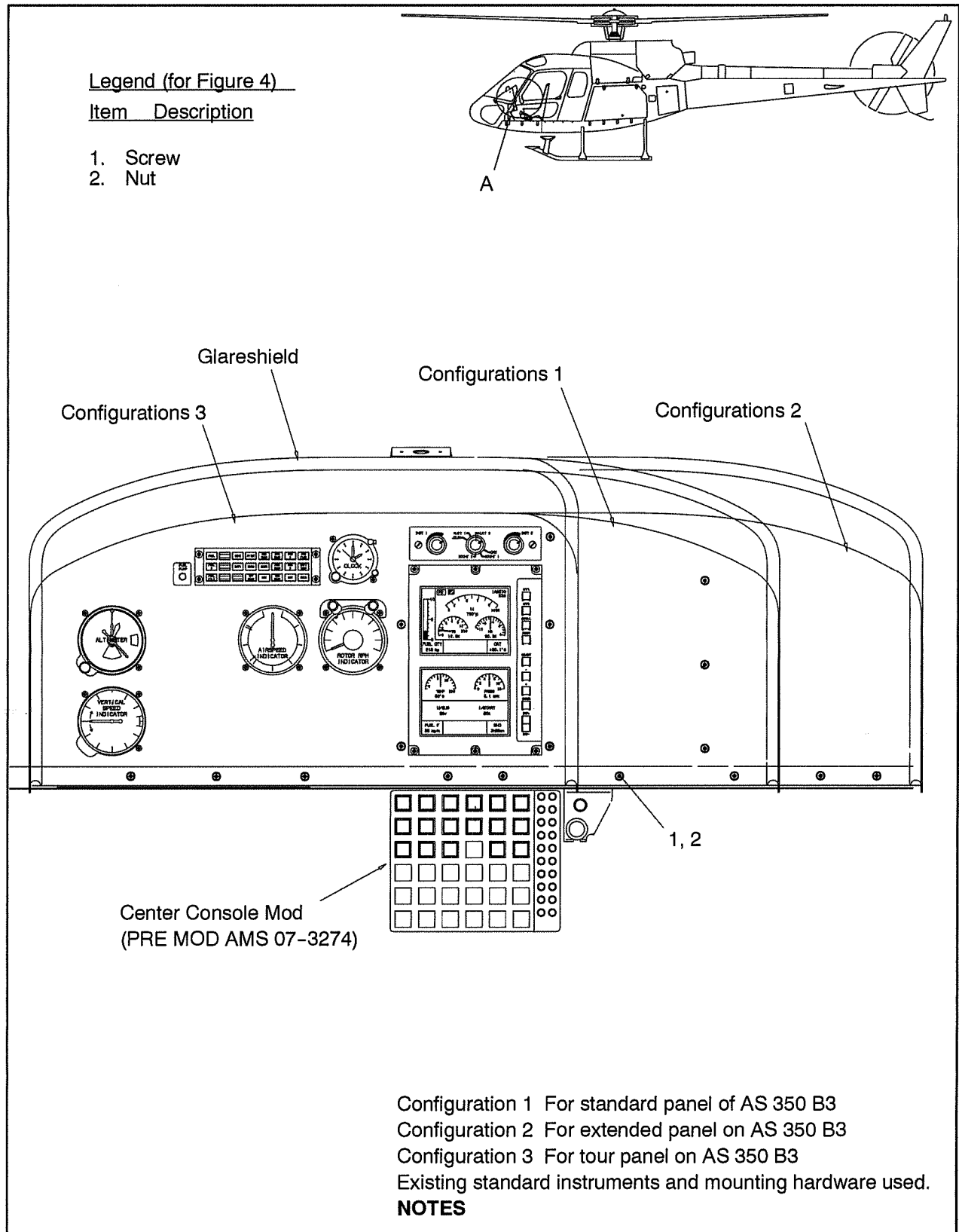


Figure 4 Instrument Panel MOD PRE MOD AMS 07-3274 (AS 350 B3)

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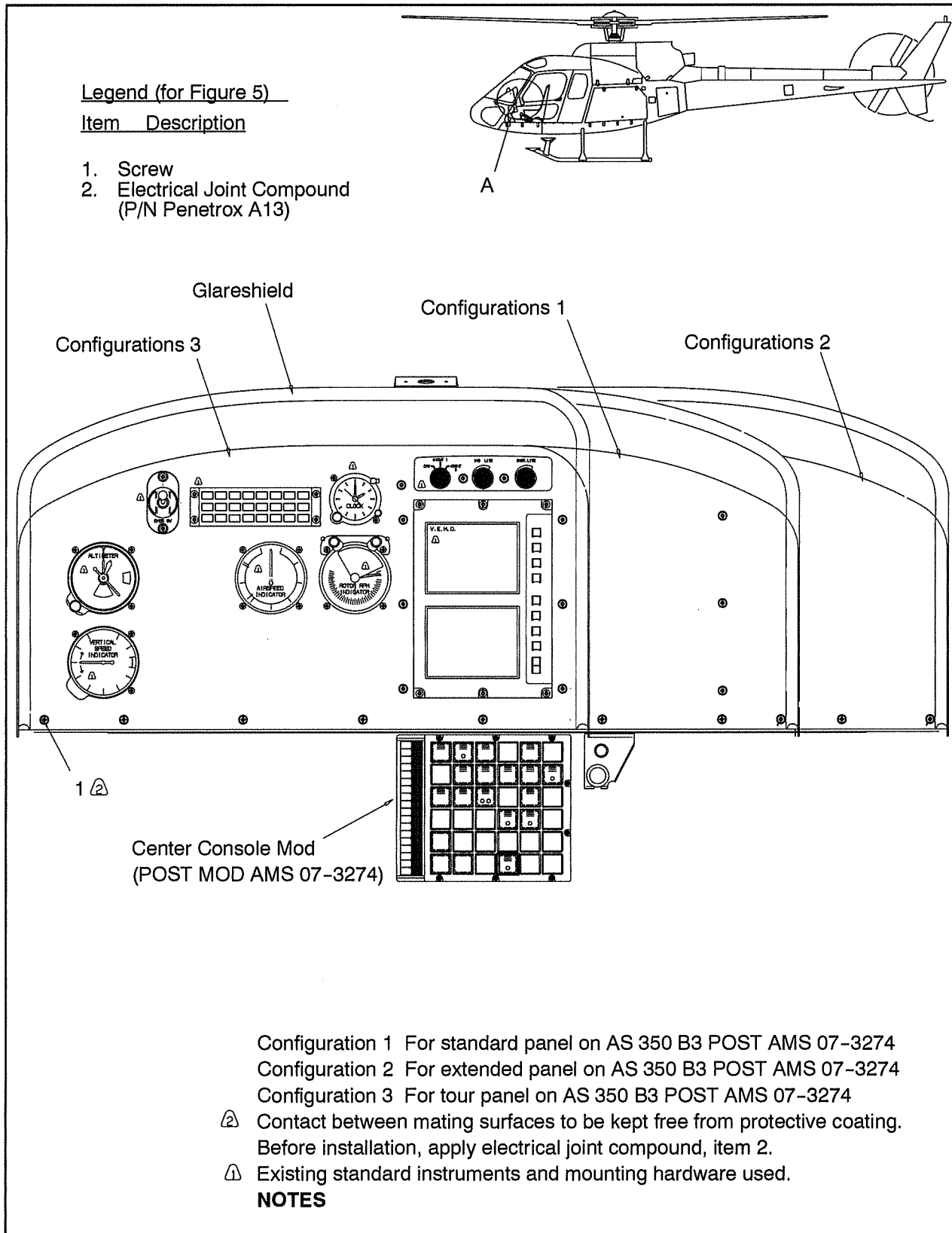


Figure 5 Instrument Panel MOD POST AMS 07-3274 (7 Place AS 350 B3)

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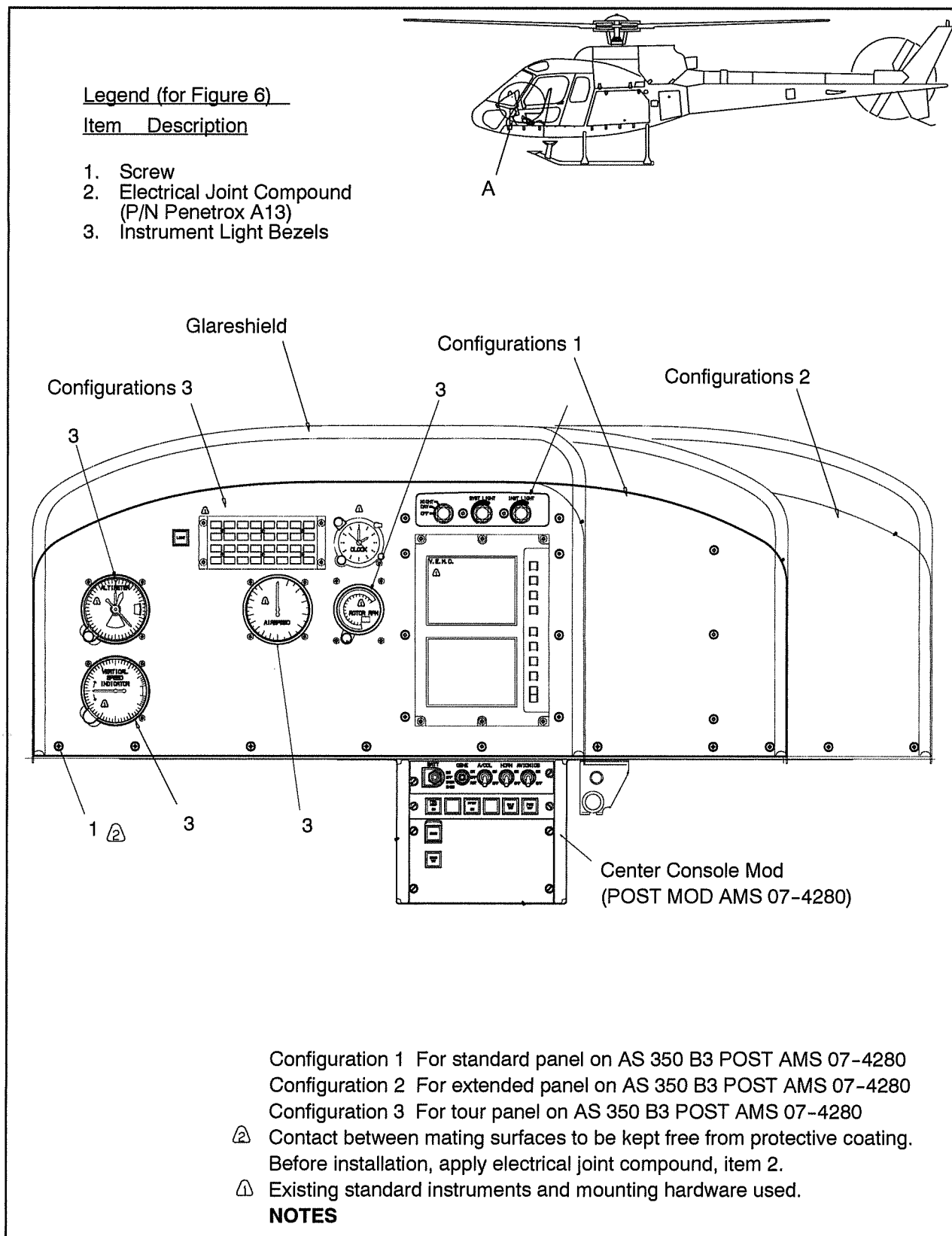


Figure 6 Instrument Panel MOD POST AMS 07-4280 (7 Place AS 350 B3)

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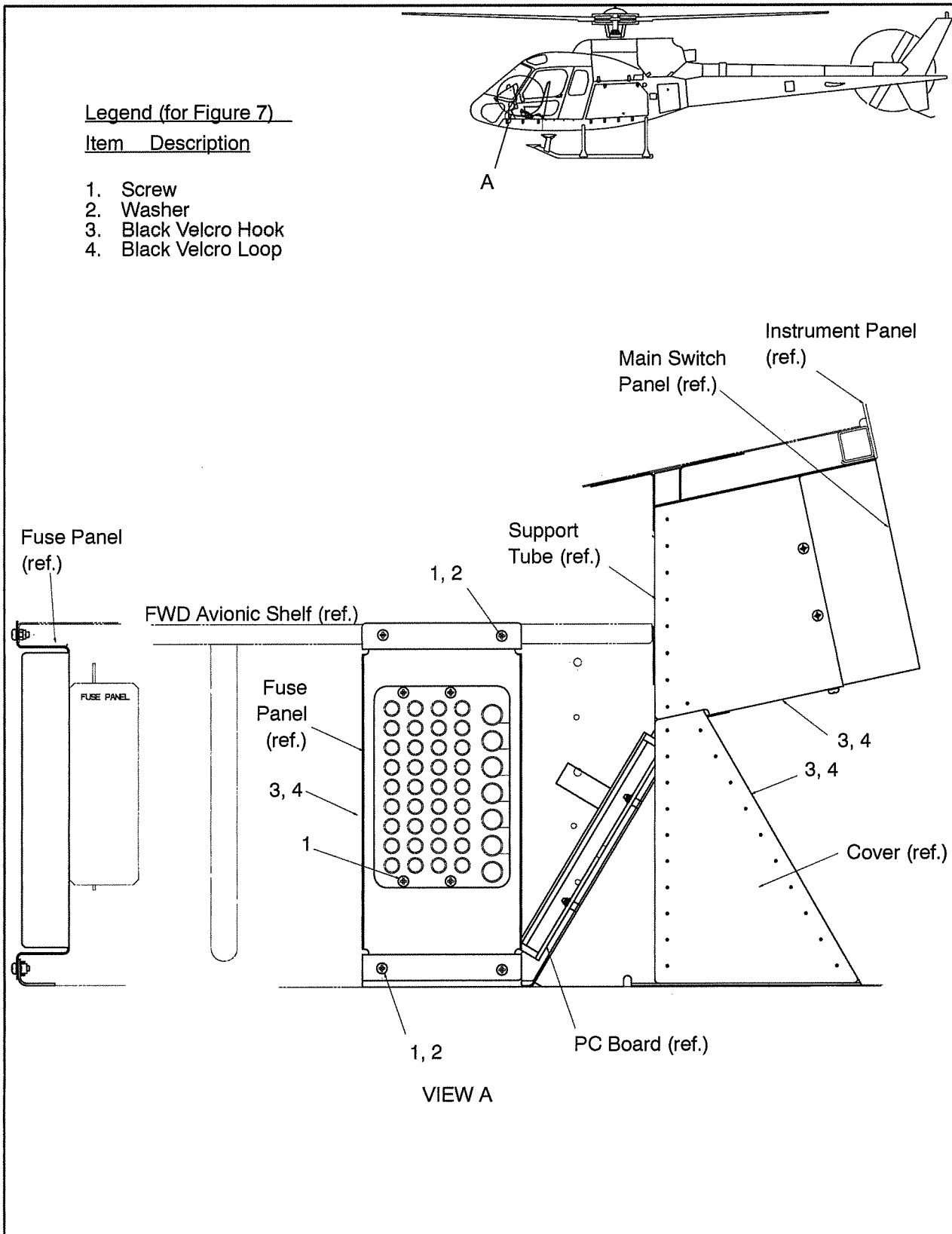


Figure 7 LHS Center Console Modification PRE AMS 07-3274 (AS 350 BA, B2 and B3)

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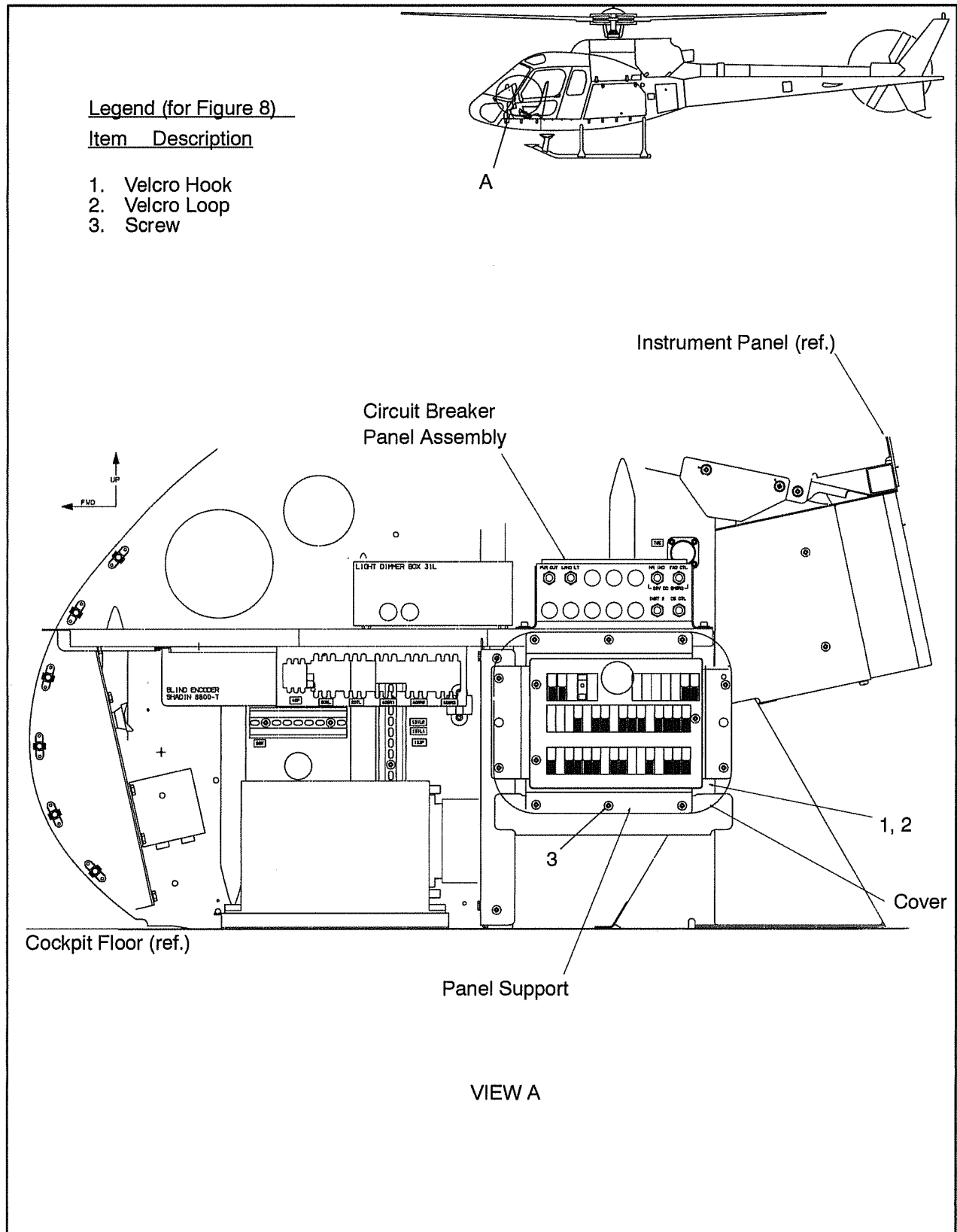


Figure 8 LHS Center Console Modification POST AMS 07-3274 (AS 350 B2 and B3)

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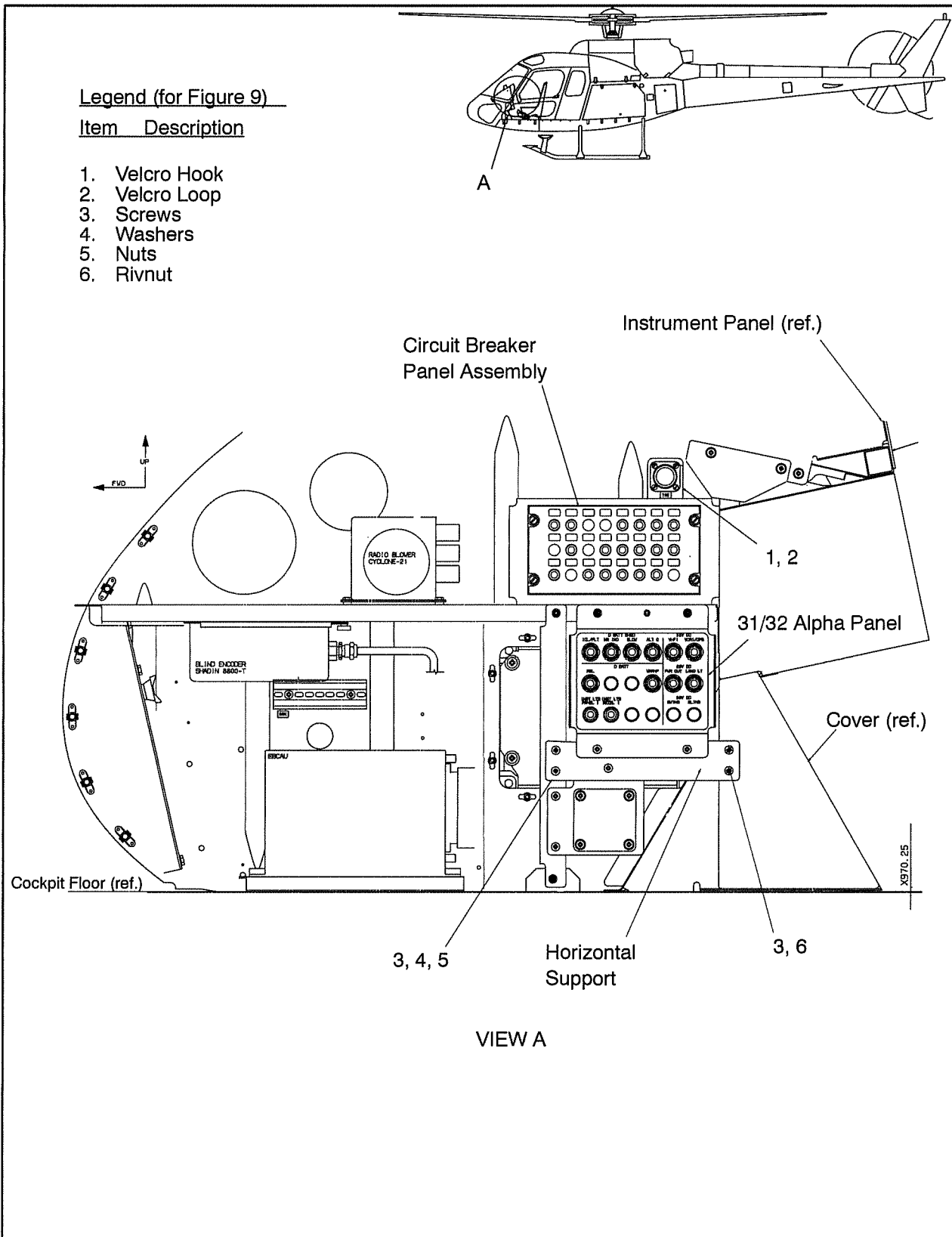


Figure 9 LHS Center Console Modification POST AMS 07-4280 (AS 350 B3)

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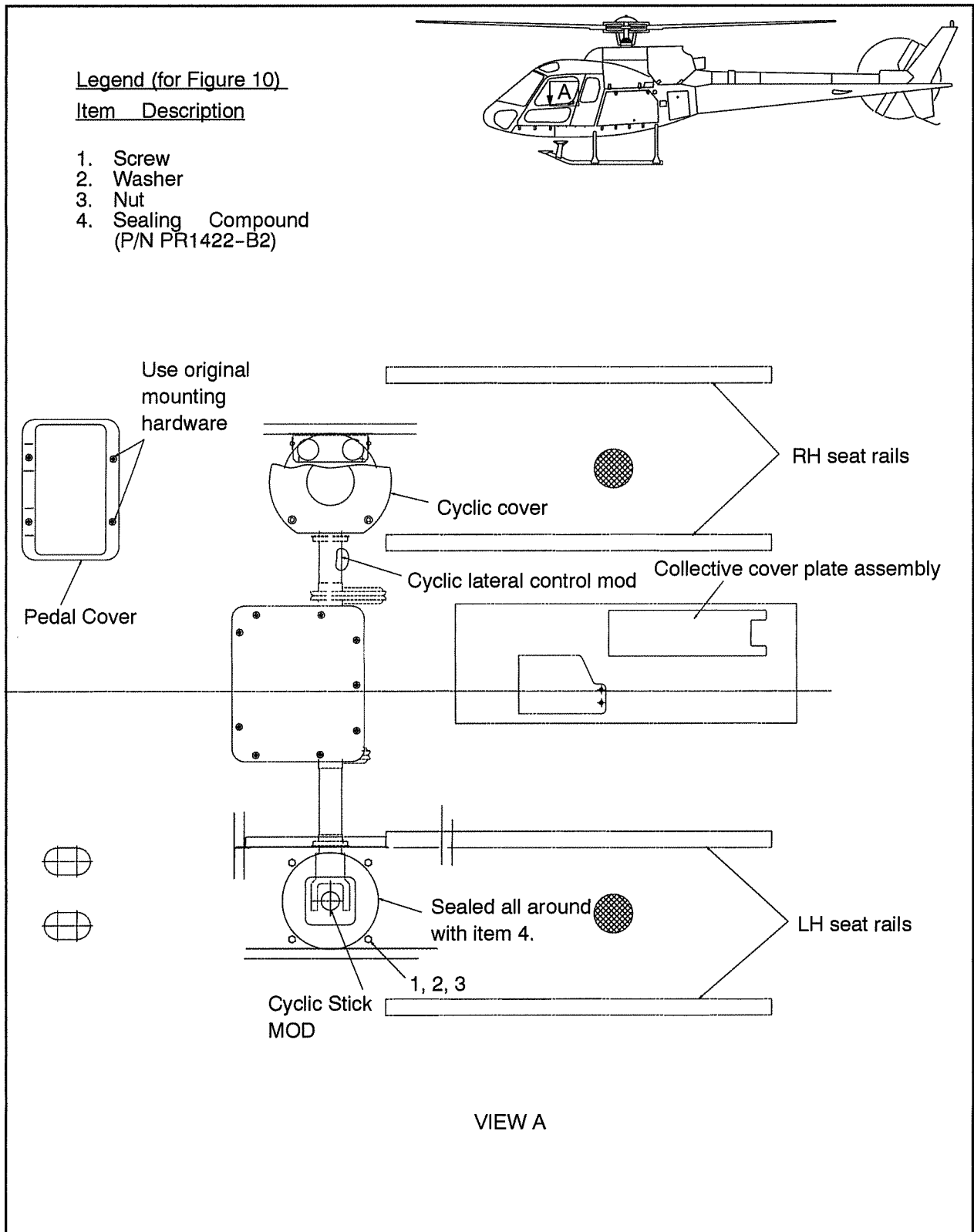


Figure 10 LHS Flight Control Installation PRE and POST MOD AMS 07-3274 (AS 350 B3)

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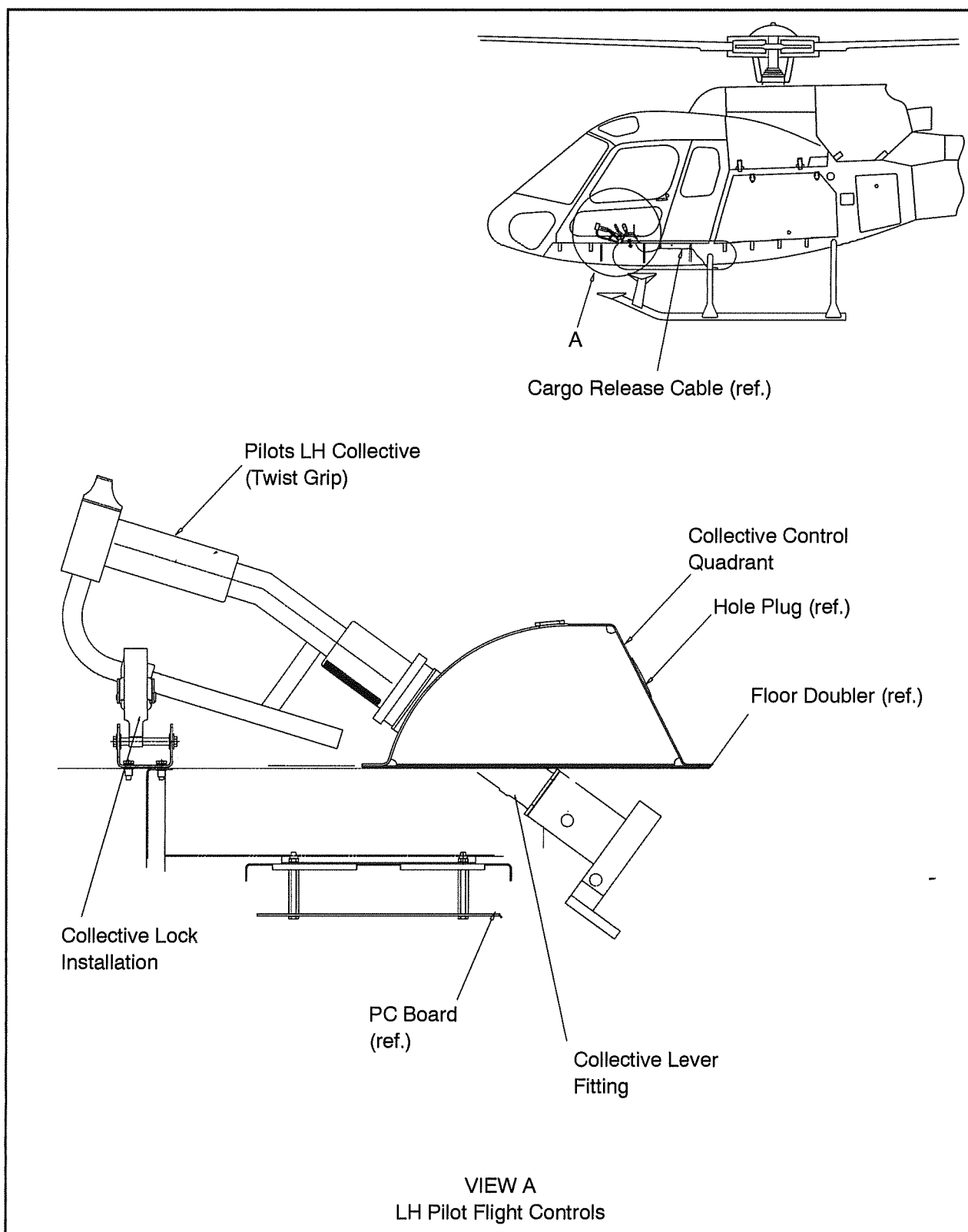


Figure 11 LHS Flight Control Installation PRE and POST MOD AMS 07-3274 (AS 350 B3)

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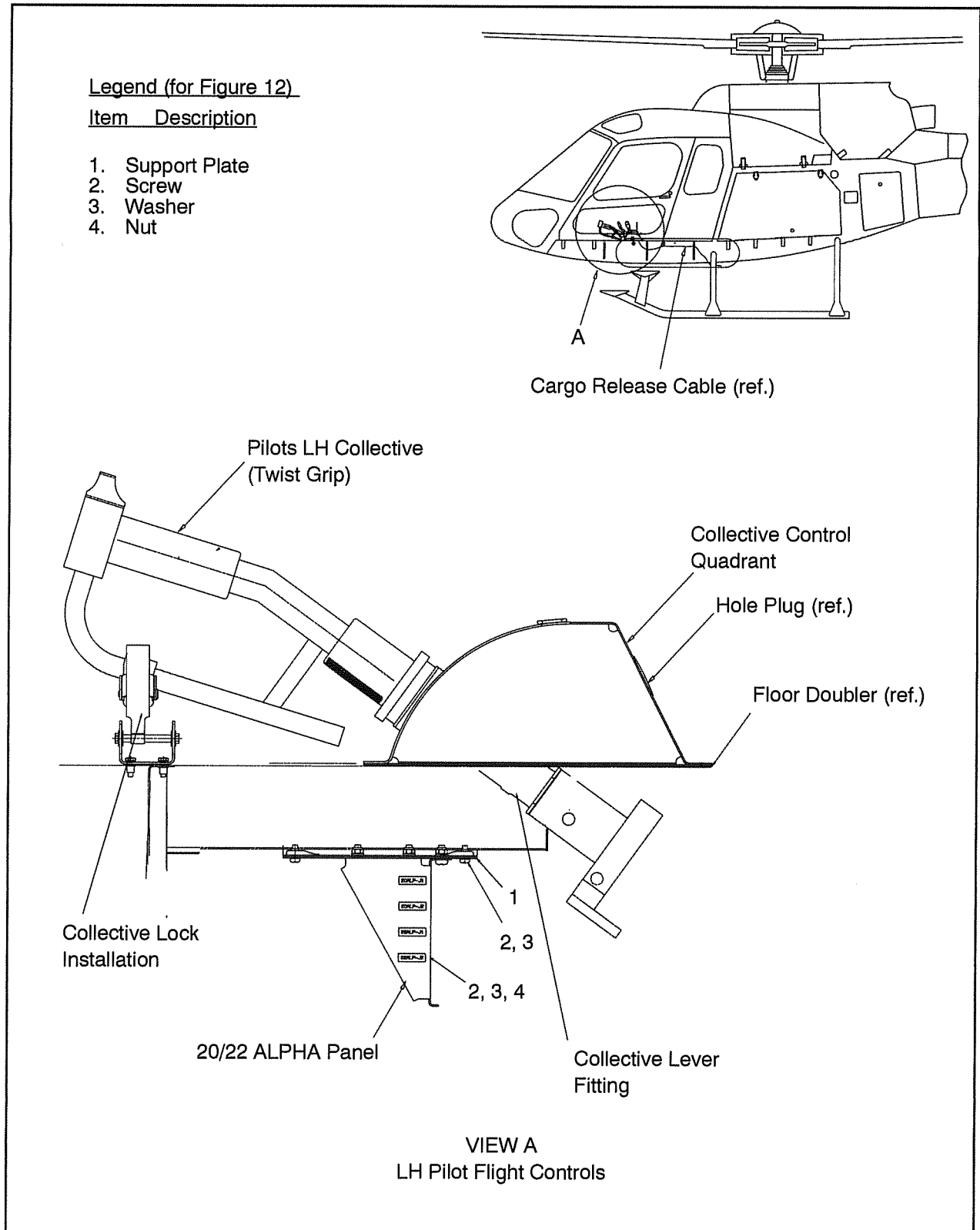


Figure 12 LHS Flight Control Installation POST MOD AMS 07-4280 (AS 350 B3)

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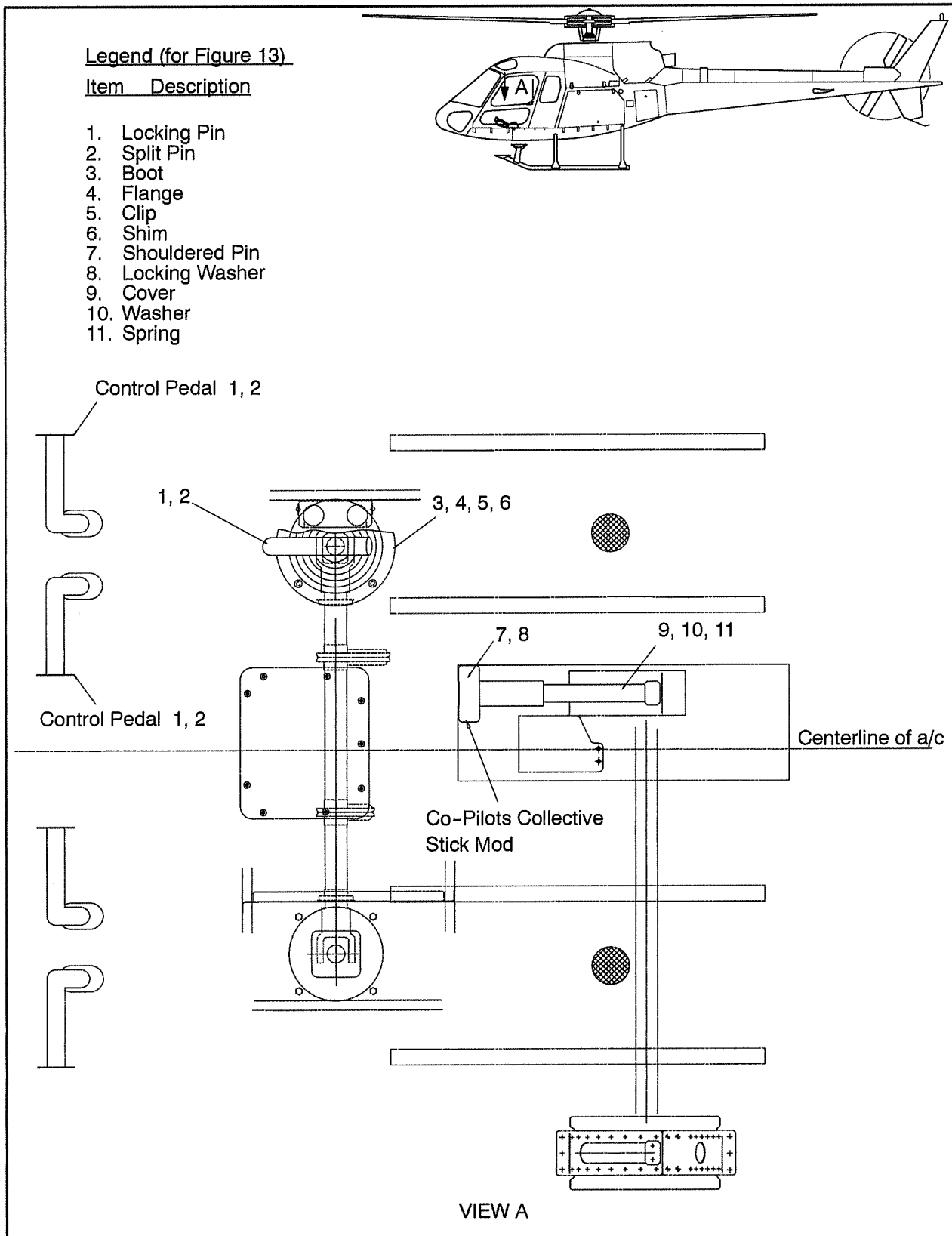


Figure 13 Dual Controls PRE and POST MOD AMS 07-3274 (AS 350 B3)

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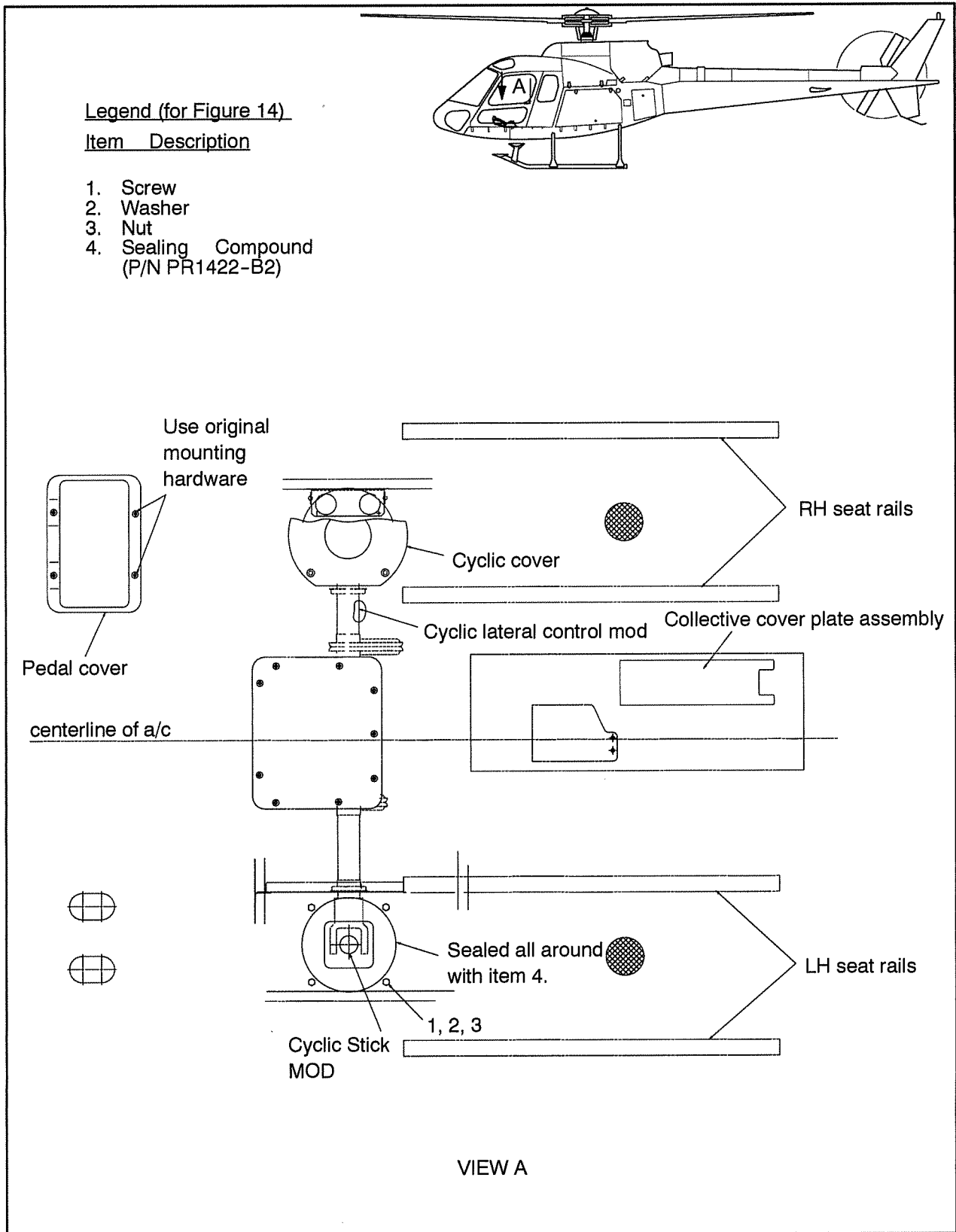


Figure 14 Flight Controls LH Pilot AS 350 BA and B2

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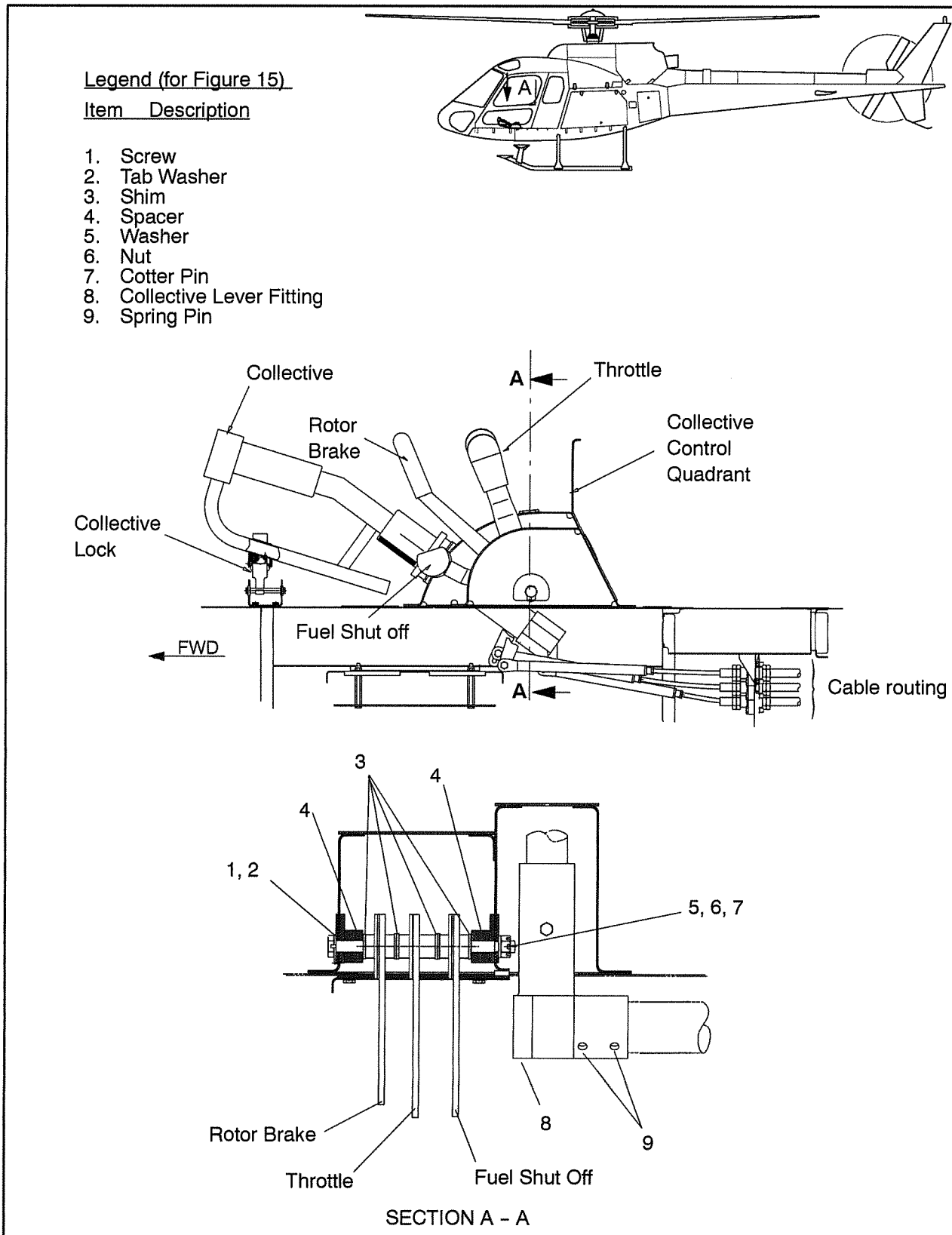


Figure 15 Flight Controls LH Pilot AS 350 BA and B2 (continued)

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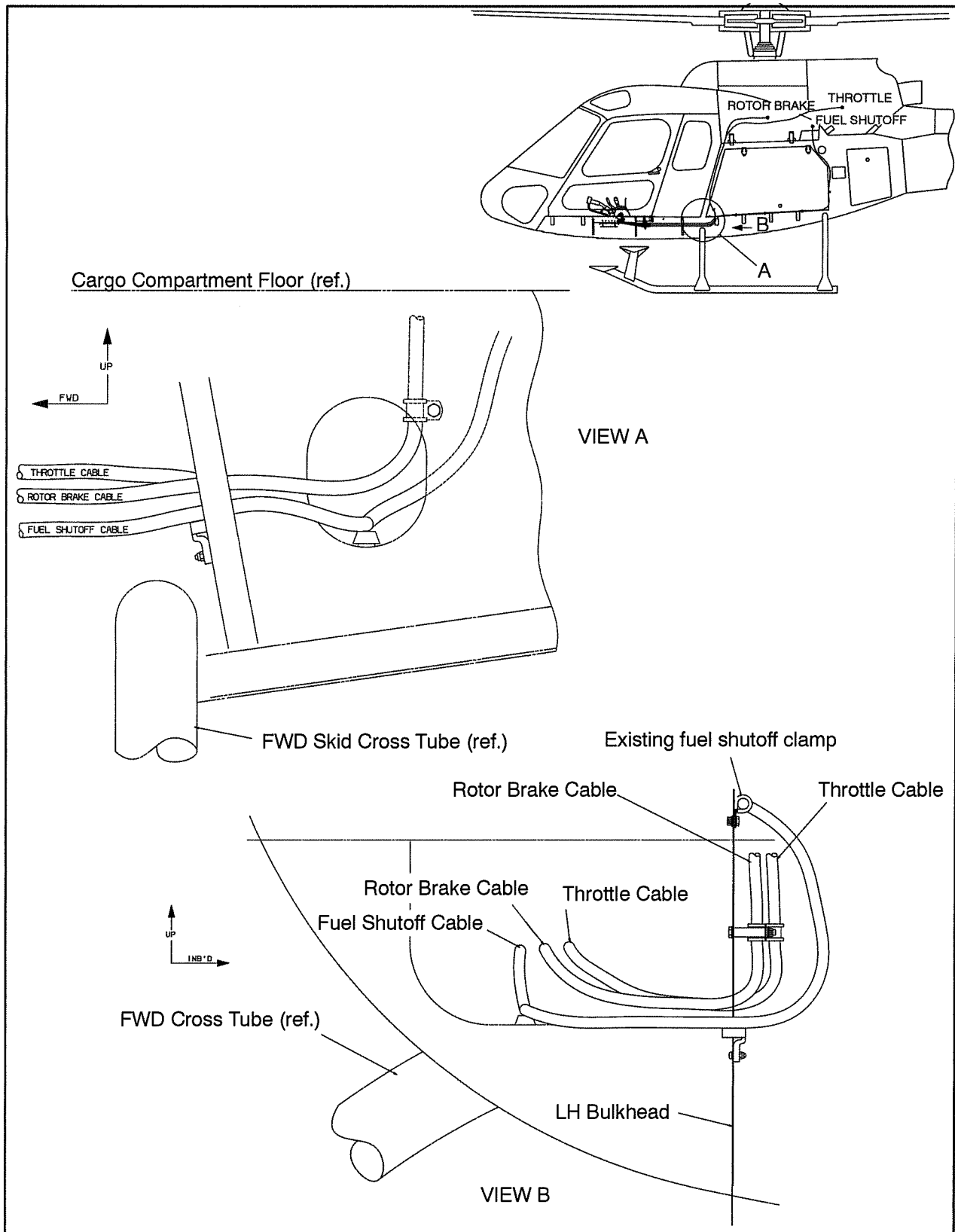


Figure 16 Cable Routing (AS 350 BA and B2)

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**C. REFERENCES**

DOCUMENT	DOCUMENT TITLE
AC-43.13 - 1B	Acceptable Methods, Techniques and Practices - Aircraft Inspection and Repair
AMM	Aircraft Maintenance Manual
AMS 07 2816	Avis de Modification Serie 07 2816 Option of Modification Series AMS 07 2816
AMS 07 3274	Avis de Modification Serie 07 3274 Option of Modification Series AMS 07 3274
AMS 07 4280	Avis de Modification Serie 07 4280 Option of Modification Series AMS 07 4280
MTC	Standard Practices Manual
MET	Maintenance Manual
SB-ECL-122	Service Bulletin - Left Side Pilot Configuration

**D. ABBREVIATIONS & DEFINITIONS**

ABBREVIATION	DEFINITION
a/c	aircraft
D	Days
EC	Eurocopter (France)
ECL	Eurocopter Canada Limited
FH	Flight Hours
FWD	Forward
hrs	hours
LHS	Left Hand Side
M	Months
MOD	Modification
No.	Number
OAT	Outside Air Temperature
P/N	Part Number
ref.	reference
RHS	Right Hand Side

**E. UNITS OF MEASUREMENT**

ABBREVIATION / SYMBOL	UNIT OF MEASUREMENT
kg	kilogram
lb	pound
m	meter
in	inch

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**2. AIRWORTHINESS LIMITATIONS**

The Airworthiness Limitations section is approved by the Minister and specifies maintenance required by any applicable airworthiness or operating rule unless an alternative program has been approved by the Minister. Variations must also be approved.

The Airworthiness Limitations section is FAA approved and specifies inspections and other maintenance required under Sections 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

No airworthiness limitations associated with this installation.

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**3. CONTROL AND OPERATION**

Control and operation of the aircraft remains unchanged.

**4. INSPECTION SCHEDULE AND MAINTENANCE ACTION**

**NOTE:** Collective, cyclic and yaw controls are rigged from Right-hand side as per AS 350 (excluding B2/B3) MET or AS 350 B2/B3 AMM.

**NOTE:** It has been brought to our attention that cracks have been found in the lower crossbeams of the yaw control bellcrank support. The yaw control is supported by lower and upper crossbeams. Each end of the crossbeams is attached to the bottom structure.

Eurocopter Canada Limited Service Bulletin number SB-ECL-122 has been issued to address this matter and the Inspection Schedule and Maintenance Action requirements are given in section 4.1.1.O and 4.1.2.C below.

**NOTE:** Use torque per EC, MTC, Volume 2, Chapter 20.02.05.404, unless otherwise specified.

**4.1. INSPECTION SCHEDULE**

4.1.1. Every 150 FH or 12 M (Margin: 15 FH or 36 D) to coincide with the 150 FH or 12 M helicopter inspection, whichever occurs first:

ITEM	INSPECTION OR MAINTENANCE WORK	CORRECTIVE ACTION
A	For standard maintenance of the engine and main rotor controls, refer to the MET or AMM.	Repair in accordance with AS 350 (excluding B2/B2) MET, Chapters 67.10.00.501/502, 67.20.00.501/502, and 76.00.00.502 or AS 350 B2/B3, AMM Chapters 67-10-00, 5-1 /67-10-01, 5-1, 67-21-00, 4-1a/67-21-00, 4-1b, (B2): 76-11-01, 5-1 or 76-11-01, 5-2 (B3) 76-11-02, 5-1 or 76-11-02, 5-2.
B	For standard maintenance of the tail rotor flight control, refer to the MET or AMM.	Repair in accordance with AS 350 (excluding B2/B3) MET, Chapter 67.20.00.603 or AS 350 B2/B3, AMM, Chapter 67-00-00, 6-2.
C	For standard maintenance of the engine controls with twist grip, refer to the MET or AMM.	Repair in accordance with AS 350 (excluding B2/B3) MET, Chapter 76.30.11.501 or AS 350 B2 AMM, Chapter 76-12-01, 5-1 or AS 350 B3, AMM, Chapter 76-12-03, 5-5. Refer to Special Instructions following Table 1.
D	- Check mounting hardware for the Instrument Panel in Figures 2, 3, 4 5 and 6 for: a. security	a. Secure as required.
E	- Check mounting hardware, items 1 and 2, for the Fuse Panel, in Figure 7 for: a. security	a. Secure as required.

Table 1 Inspection Schedule and Maintenance Action  
Every 150 FH or 12 M to coincide with the 150 FH or 12 M helicopter inspection, whichever occurs first  
(continued on following page)

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**4. INSPECTION SCHEDULE AND MAINTENANCE ACTION (continued)**

4.1.1. Every 150 FH or 12 M (Margin: 15 FH or 36 D) to coincide with the 150 FH or 12 M helicopter inspection, whichever occurs first:

ITEM	INSPECTION OR MAINTENANCE WORK	CORRECTIVE ACTION
F	<ul style="list-style-type: none"> <li>- Visually inspect velcro hook and loop, items 1 and 2, on support panel in Figure 8, and interior paneling in Figure 9 for:               <ul style="list-style-type: none"> <li>a. wear (tears, areas have become worn)</li> <li>b. security</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Wear is not permitted. If wear is evident, replace velcro in accordance with EC, MTC, Chapter 20.03.04.406.</li> <li>b. Secure as required.</li> </ul>
H	<ul style="list-style-type: none"> <li>- For standard maintenance of flight controls, in Figures 10, 13 and 14, refer to the MET or AMM.</li> </ul>	Repair in accordance with AS 350 (excluding B2/B3) MET, Chapter 67.10.00.401 or AS 350 B2/B3, AMM, Chapter 67-10-00, 4-2.
I	<ul style="list-style-type: none"> <li>- Visually inspect throttle lever, in Figure 15, for:               <ul style="list-style-type: none"> <li>a. condition (in particular where lever contacts edges of detent plate (for AS 350 BA / B2 only).</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Repair as necessary.</li> </ul>
J	<ul style="list-style-type: none"> <li>- Visually inspect Collective lock device, in Figure 17 for:               <ul style="list-style-type: none"> <li>a. condition</li> <li>b. position/correct alignment</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Repair as necessary.</li> <li>b. Correct alignment is illustrated in Figure 19.</li> </ul>
K	<ul style="list-style-type: none"> <li>- Check mounting hardware, item 1, for OAT Probe BA and B2, in Figure 20 for:               <ul style="list-style-type: none"> <li>a. security</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Secure as required.</li> </ul>
L	<ul style="list-style-type: none"> <li>- Check fire extinguisher installation attachment hardware, item 2, in Figure 21 for:               <ul style="list-style-type: none"> <li>a. security</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Re-tighten as required.</li> </ul>
M	<ul style="list-style-type: none"> <li>- Check mounting hardware for the Load Meter and/or Remote Caution Annunciator System (if installed), in Figure 22 for:               <ul style="list-style-type: none"> <li>a. security</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Secure as required.</li> </ul>
N	<ul style="list-style-type: none"> <li>- Check mounting hardware, items 1, 2, and 3, for the remote caution junction box, in Figure 23 for:               <ul style="list-style-type: none"> <li>a. security</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Secure as required.</li> </ul>

Table 1 Inspection Schedule and Maintenance Action  
Every 150 FH or 12 M to coincide with the 150 FH or 12 M helicopter inspection, whichever occurs first  
(continued on following page)

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**4. INSPECTION SCHEDULE AND MAINTENANCE ACTION (continued)**

4.1.1. Every 150 FH or 12 M (Margin: 15 FH or 36 D) to coincide with the 150 FH or 12 M helicopter inspection, whichever occurs first:

ITEM	INSPECTION OR MAINTENANCE WORK	CORRECTIVE ACTION
O	<ul style="list-style-type: none"> <li>- Visually inspect the lower crossbeams of the yaw control bellcrank support on left hand and right hand sides, in Figure 24 for:               <ul style="list-style-type: none"> <li>a. cracks</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. Stop drill cracks as per MTC Chapter 20.03.05.404. Replace the lower crossbeams of the yaw control Bellcrank support if unable to stop drill cracks. Repair in accordance with AS 350 (excluding B2/B3) MET, Chapters 53.00.00.405 and 67.20.00.404 or AS 350 B2/B3 refer to AMM, Chapters 53-51-00, 4-2 and 67-21-00, 5-1.</li> </ul>
P	<ul style="list-style-type: none"> <li>- Check placards and markings (refer to Section 10) for:               <ul style="list-style-type: none"> <li>a. legibility</li> <li>b. secure mounting</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>a. If placard has become illegible, contact Eurocopter Canada Limited for replacement part.</li> <li>b. Secure, reattach placards as required.</li> </ul>

Table 1 Inspection Schedule and Maintenance Action  
Every 150 FH or 12 M to coincide with the 150 FH or 12 M helicopter inspection, whichever occurs first



**4. INSPECTION SCHEDULE AND MAINTENANCE ACTION (continued)**

4.1.2. Every 600 FH or 24 M (Margin: 60 FH or 73 D) to coincide with the 600 FH or 24 M helicopter inspection, whichever occurs first:

ITEM	INSPECTION OR MAINTENANCE WORK	CORRECTIVE ACTION
A	- Visually inspect lock assembly, item 1, in Figure 17 for: a. security	a. Secure as required.
B	- Visually inspect lock assembly in Figure 17 for: a. position/correct alignment (as illustrated in Figure 19)	a. Realign screws (items 6 and 12) and washers (item 11) shown in Figures 17, 18 and 19.
C	- Visually inspect the lower crossbeams of the yaw control bellcrank support on left hand and right hand sides, in Figure 24 for: a. cracks	a. Stop drill cracks as per MTC Chapter 20.03.05.404. Replace the lower crossbeams of the yaw control Bellcrank support if unable to stop drill cracks. Repair in accordance with AS 350 (excluding B2/B3) MET, Chapters 53.00.00.405 and 67.20.00.404 or AS 350 B2/B3, AMM Chapter 53-51-00, 4-2 and 67-21-00, 5-1.

Table 2 Inspection Schedule and Maintenance Action  
Every 600 FH or 24 M, to coincide with the 600 FH or 24 M helicopter inspection,  
whichever occurs first

4.1.3 Special Instructions: Twist Grip Adjustments

For aircraft AS 350 (excluding B2/B3) refer to MET, Chapter 76.30.12.501, Sections 6.1 and 6.2.

Left side pilot (previously co-pilot)	Use Section 6.2
Right side co-pilot (previously pilot)	Use Section 6.1

For aircraft AS 350 B2, refer to AMM, Adjusting/Testing - Arriel Engine Fcontrol with Twist Grip (1D1), Chapter 76-12-01, 5-1, Adjusting/Testing - Starting inhibit,, Chapter 76-12-01, 5-2.

For aircraft AS 350 B3, refer to AMM, Adjusting/Testing-Engine Control with Twist Grip (PRE MOD 07 3084), Chapter 76-12-02, 5-1a, or Adjusting/Testing-Engine Control with Twist Grip (POST MOD 07 3084), Chapter 76-12-02, 5-1b.

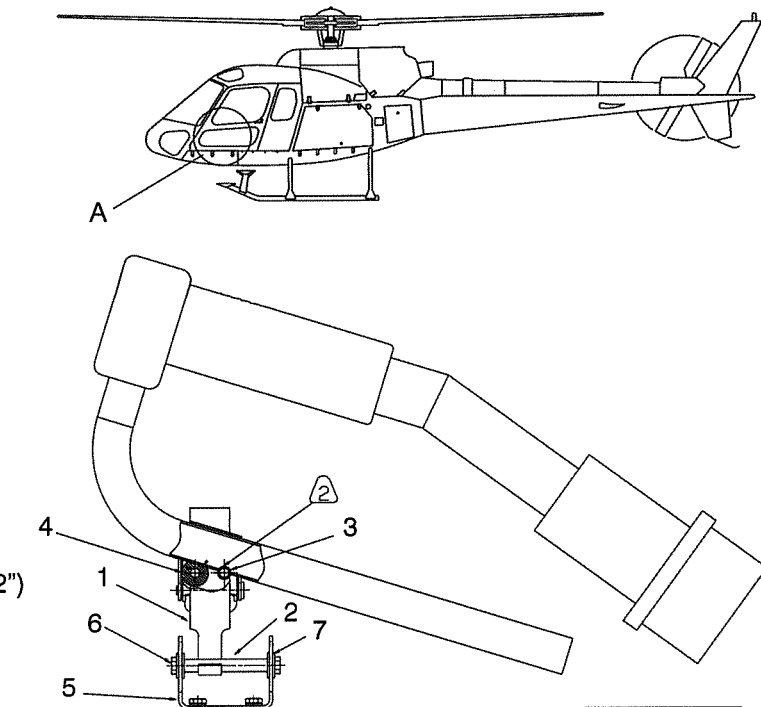
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Legend (for Figure 17)

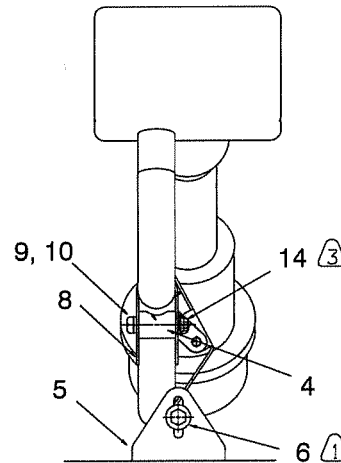
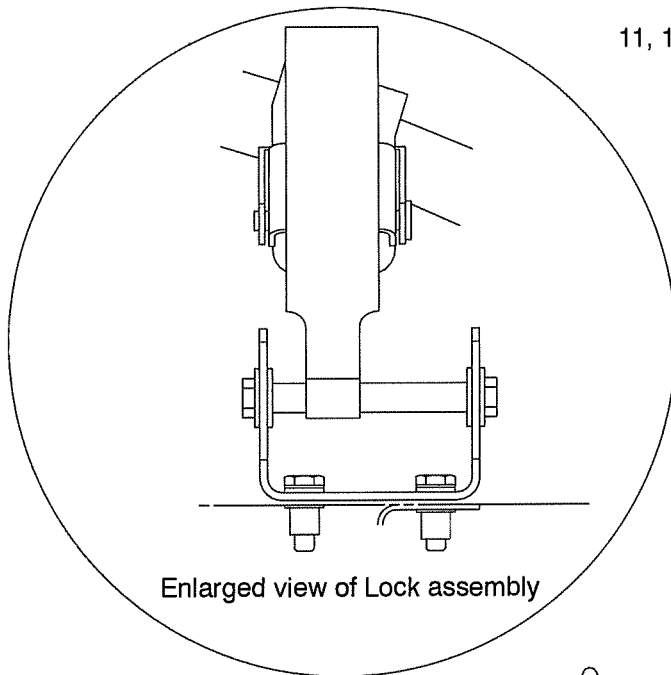
Item Description

1. Lock Assembly
2. Threaded Round Standoff
3. Steel Spacer
4. Polycarbonate Spacer
5. Bracket
6. Screw
7. Washer
8. Clip
9. Washer
10. Screw
11. Washer
12. Screw
13. Anchor Nut
14. Nut
15. Thread Tape (P/N 510 Black-2")



11, 12 ⚠

VIEW A



- ⊗ APPLY THREAD TAPE (15) ON INNER SURFACE OF CLIP BETWEEN COLLECTIVE TUBE AND CLIP.
  - ⊗ INSURE THAT SPACER STAYS PARALLEL TO THE FLOOR
  - ⊗ ADJUST POSITION TO INSURE PROPER LOCKING
- NOTES:

Figure 17 Collective Lock Installation - Side View AS 350 BA, B2 and B3

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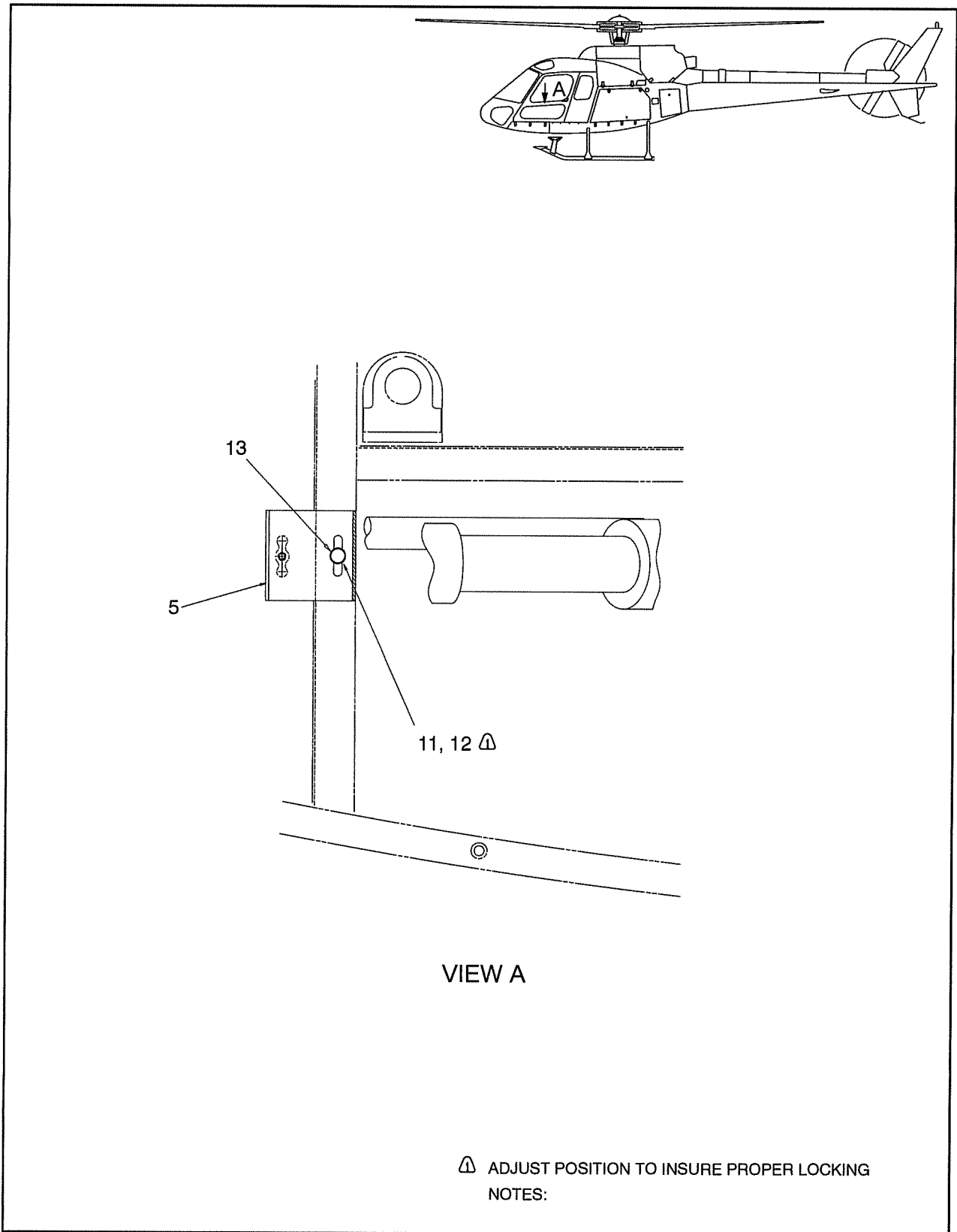


Figure 18 Collective Lock Installation - Top View AS 350 BA, B2 and B3 (continued)

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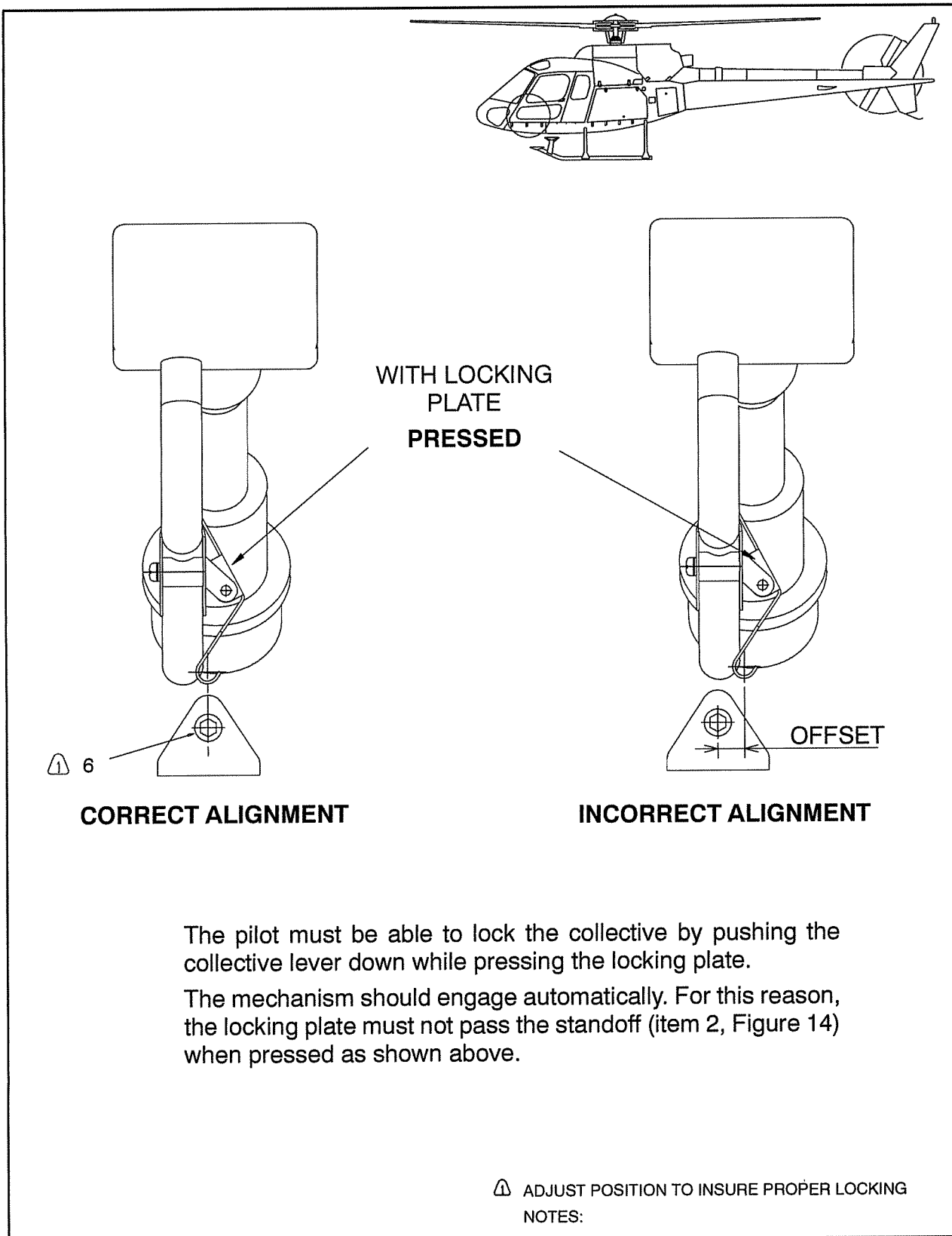


Figure 19 Collective Lock Installation Adjustment AS 350 BA, B2 and B3

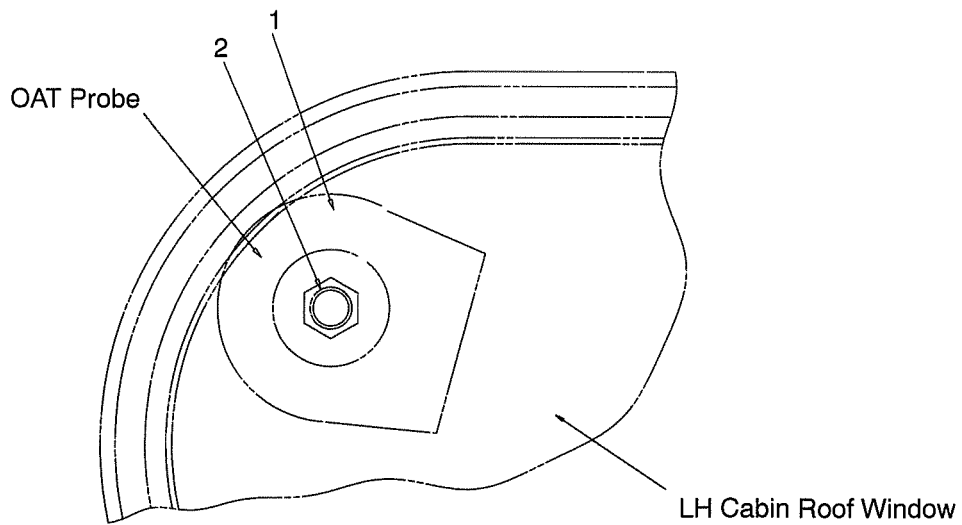
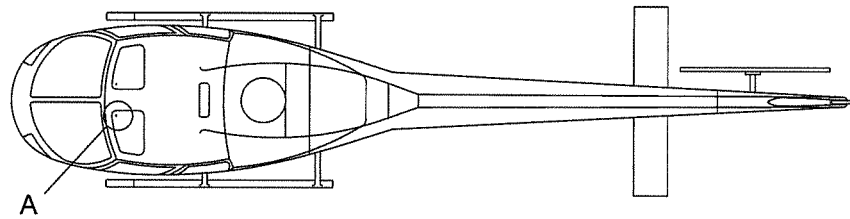
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Legend (for Figure 20)

Item Description

1. Grommet
2. Sealing Compound (P/N PR1422-B2)



VIEW A

**NOTE** Hole in grommet, item 1, filed with item 2.

Figure 20 OAT Probe Relocation (AS 350 BA and B2)

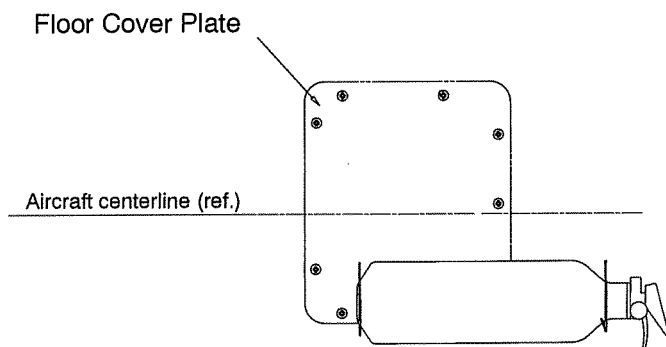
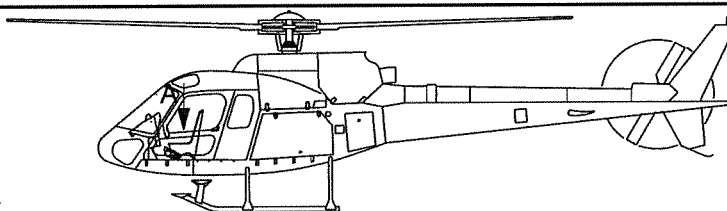
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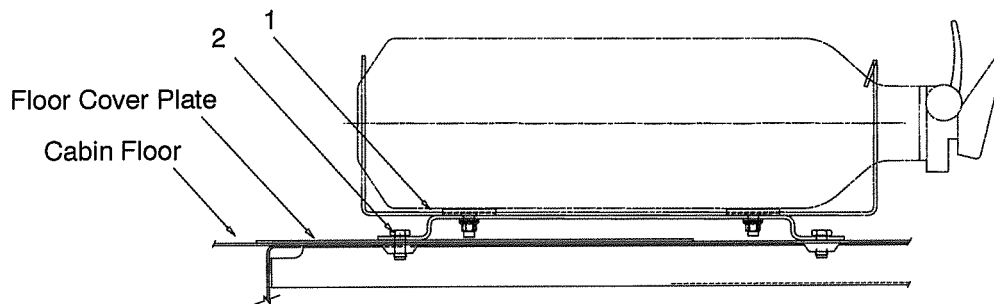
Legend (for Figure 21)

Item Description

- 1. Extinguisher Mounting Bracket
- 2. Bolt



VIEW A (LOOKING DOWN)  
Fire Extinguisher Relocation



VIEW B

Figure 21 Fire Extinguisher Relocation

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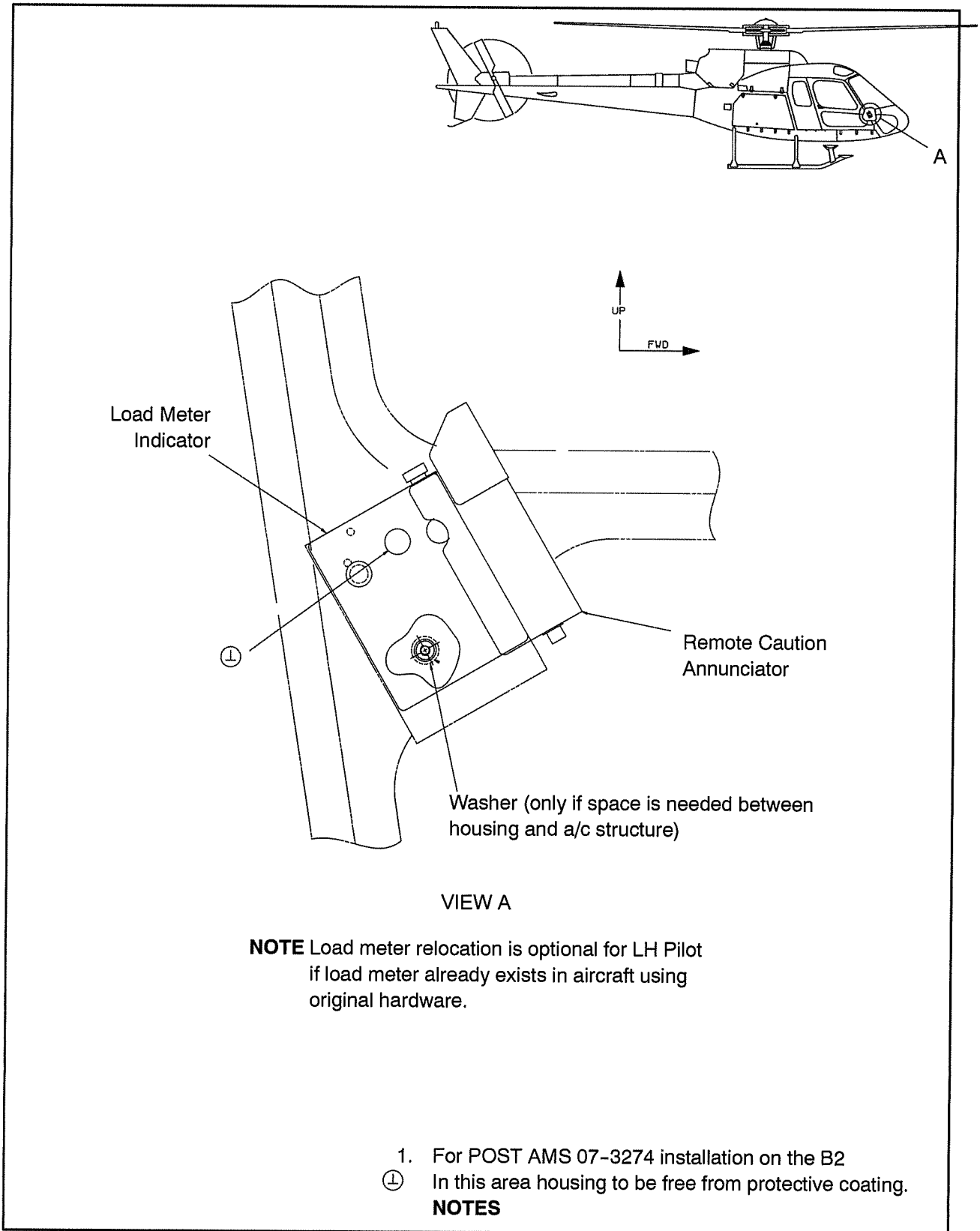


Figure 22 Load Meter Relocation and Remote Caution Annunciator System (AS 350 B2 and B3)

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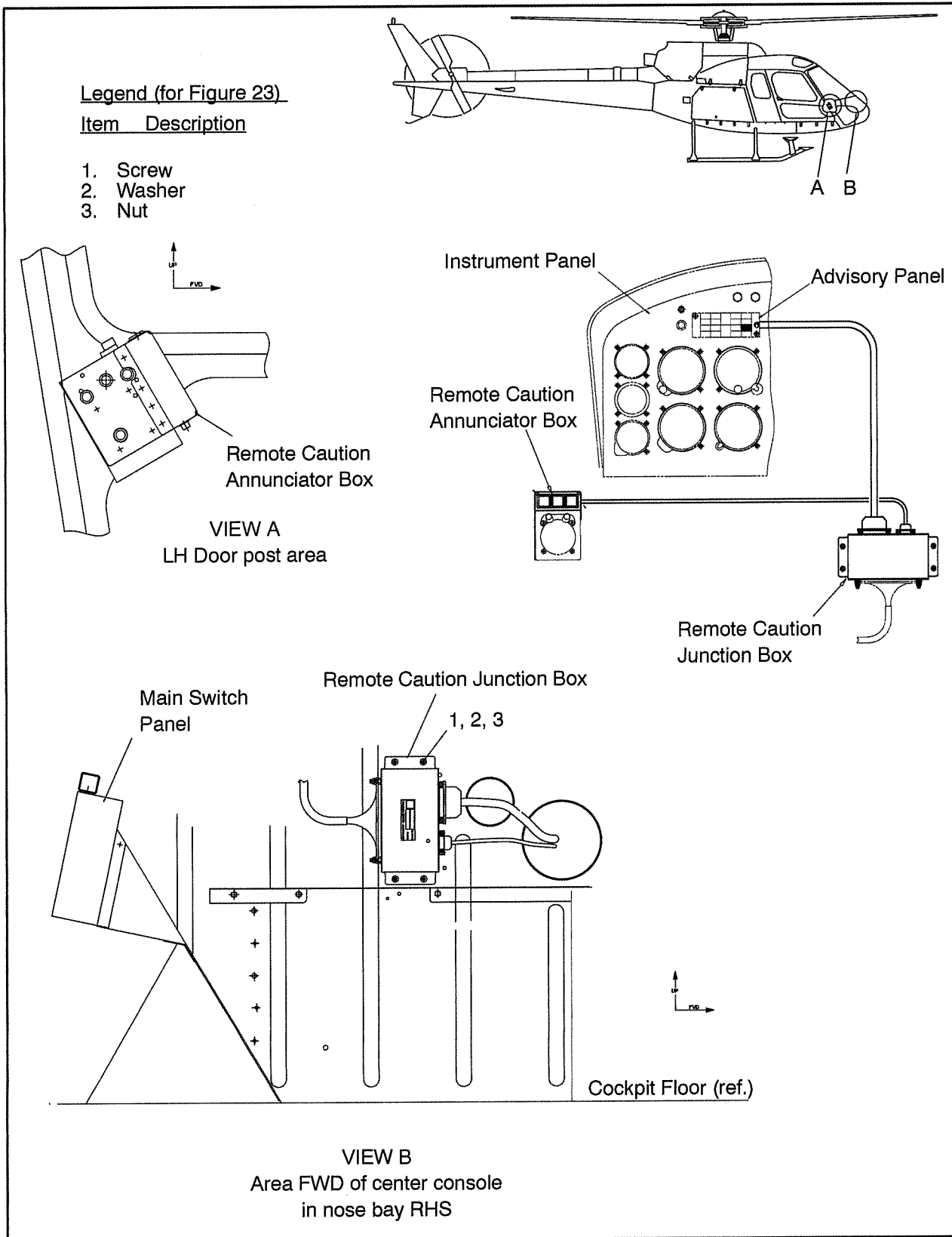


Figure 23 Remote Caution Annunciator System (AS 350 B2)

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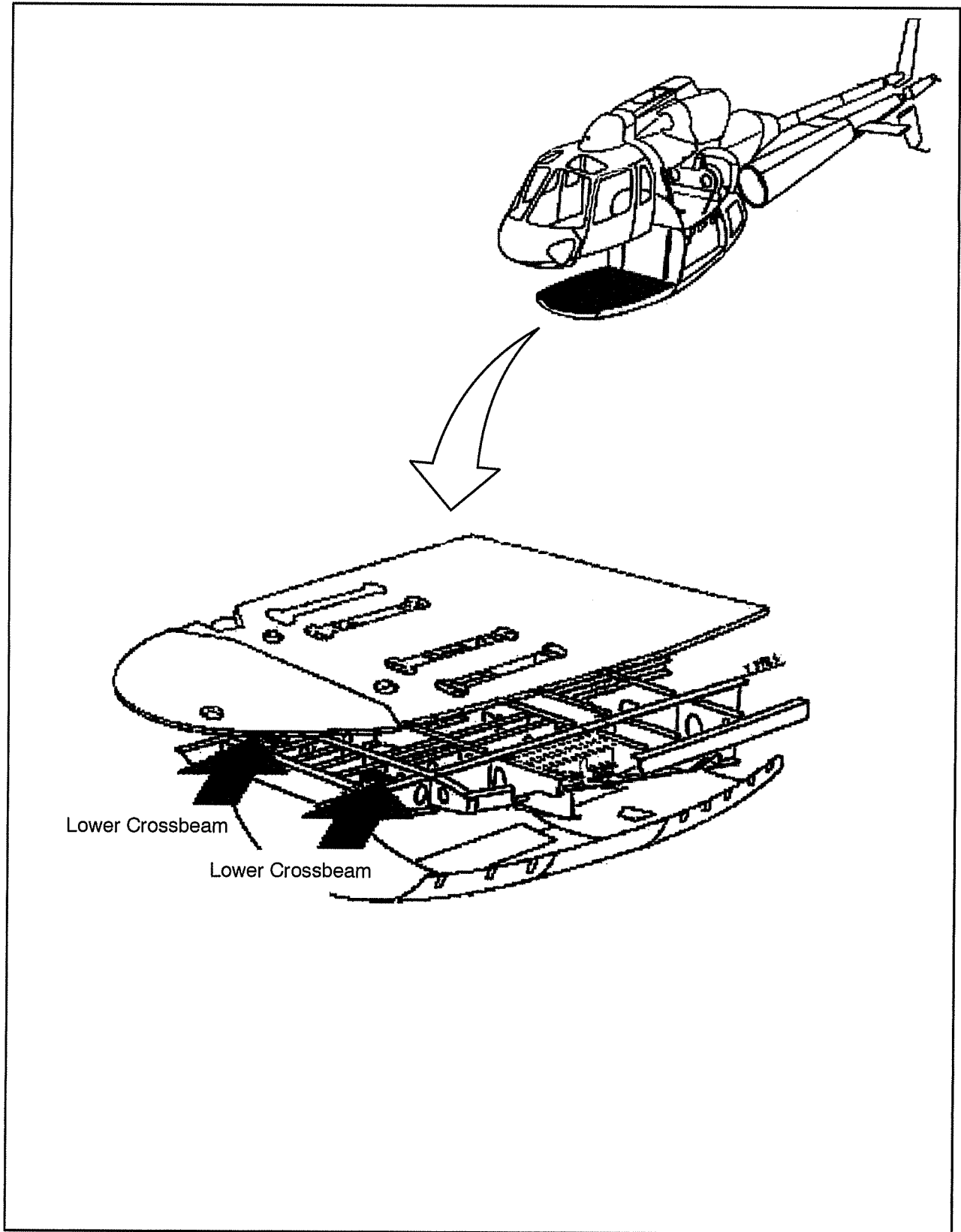


Figure 24 Location of the Lower Crossbeam of the Yaw Control Bellcrank Support

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**5. REPLACEMENT COMPONENTS AND REPAIR / OVERHAUL INFORMATION**

Contact ECL for replacement parts. No overhaul information required for this installation.

**6. TROUBLESHOOTING**

There are no unique characteristics which require troubleshooting techniques.

For aircraft AS 350 B3 with the Instrument Light Bezels, refer to Figures 25 to 32.

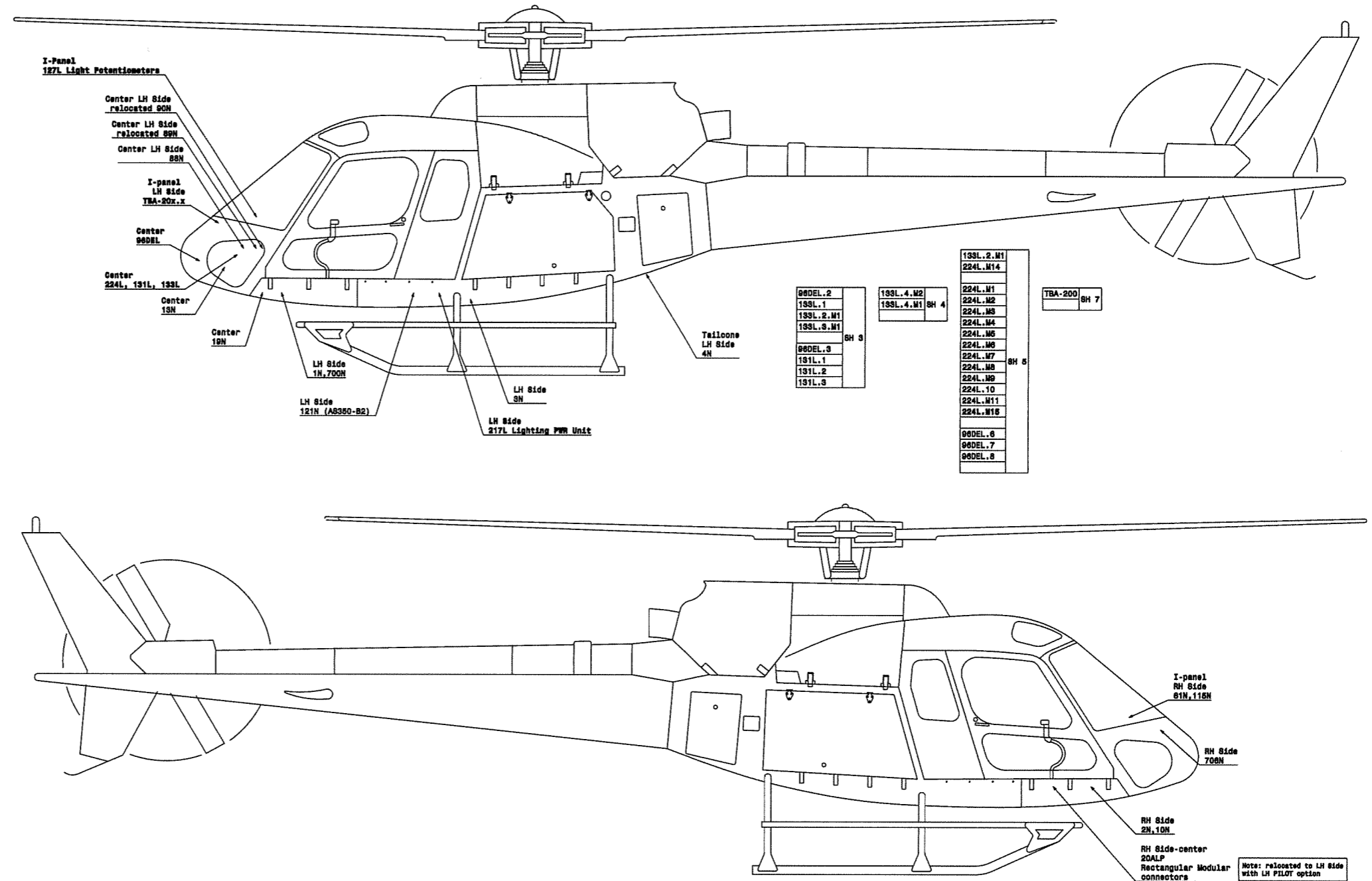


Figure 25 Wiring Diagram, Instrument Panel Lighting MOD

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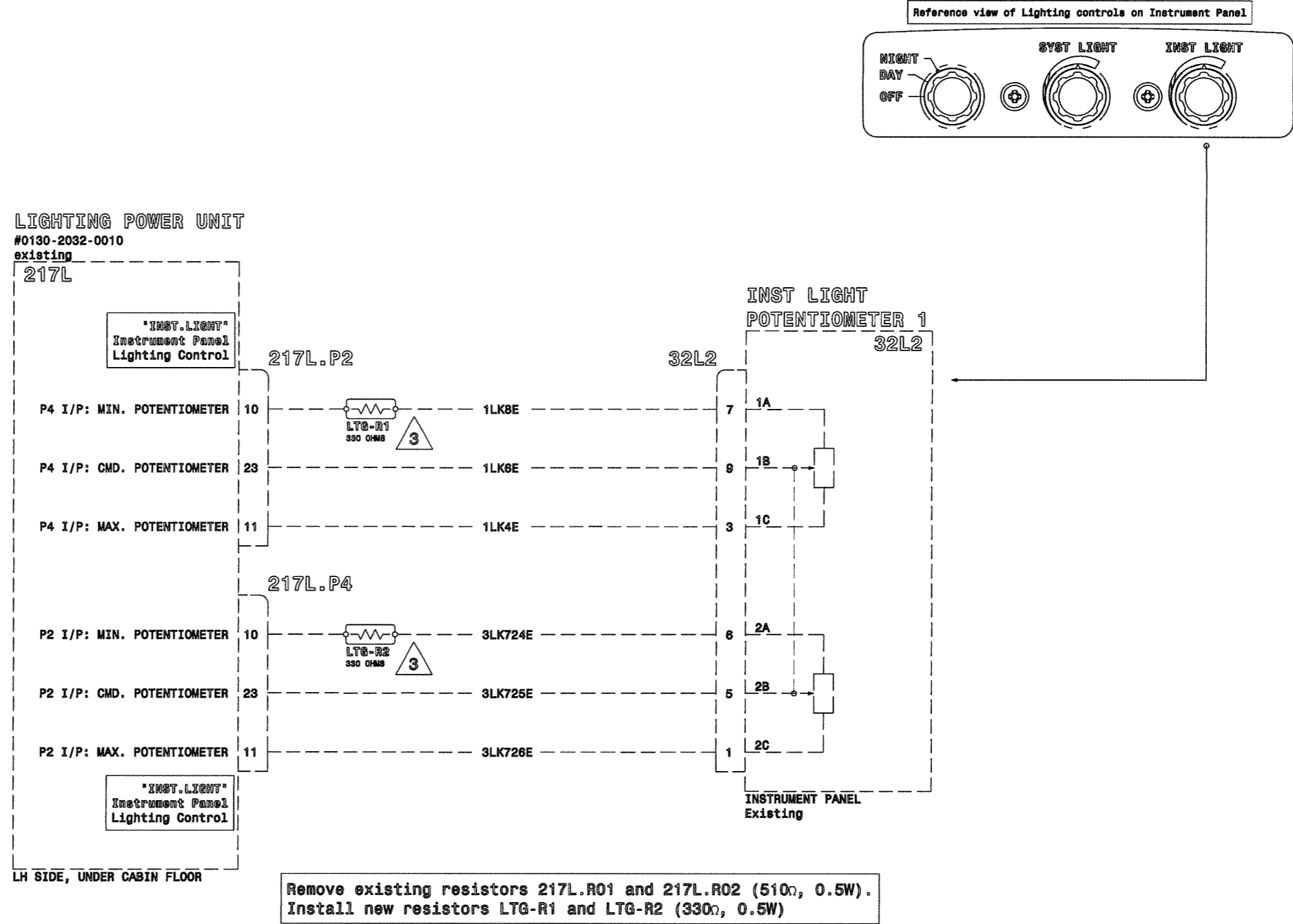


Figure 26 Wiring Diagram, Instrument Lighting MOD (continued)

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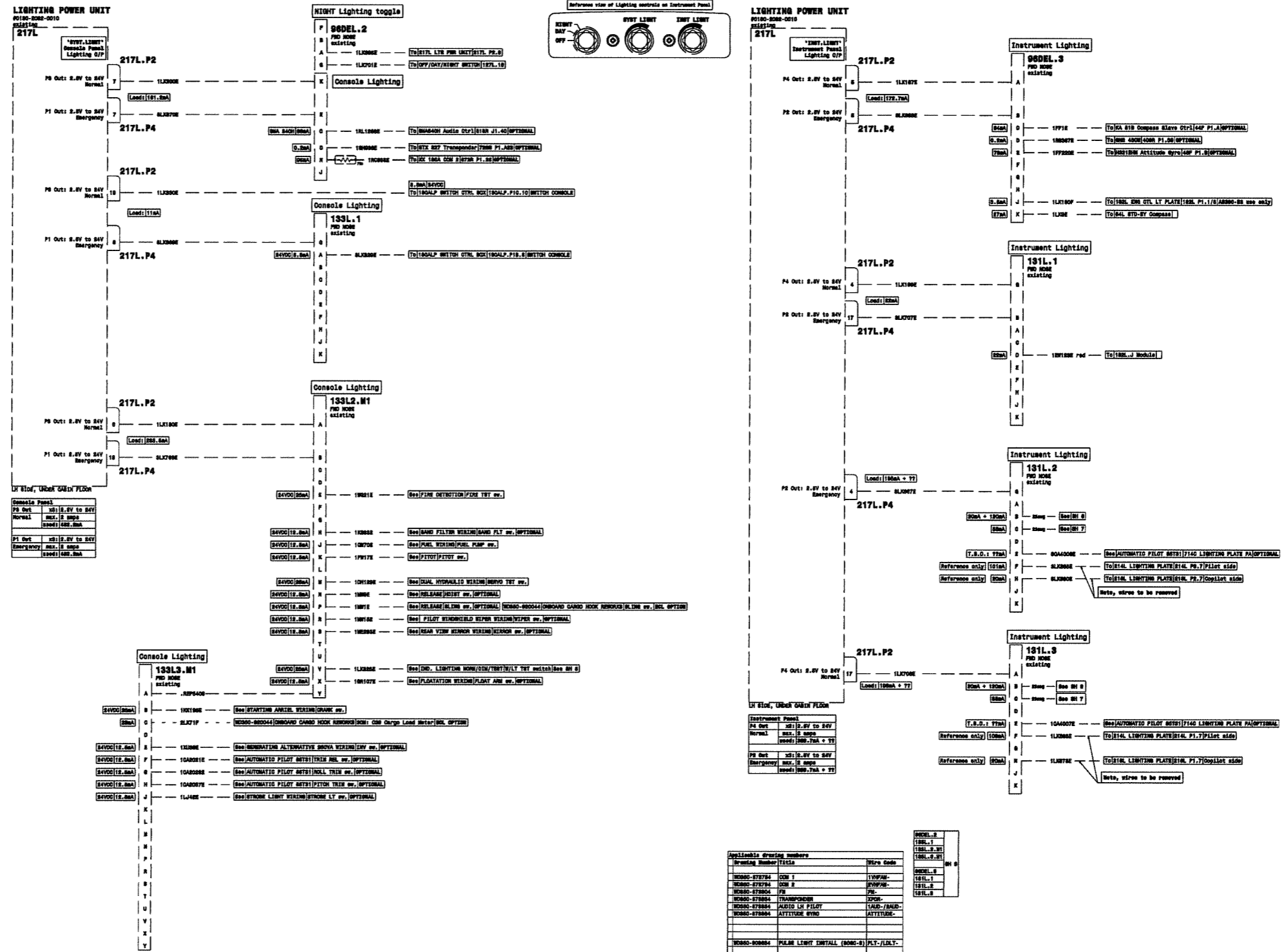


Figure 27 Wiring Diagram, Instrument Lighting MOD (continued)

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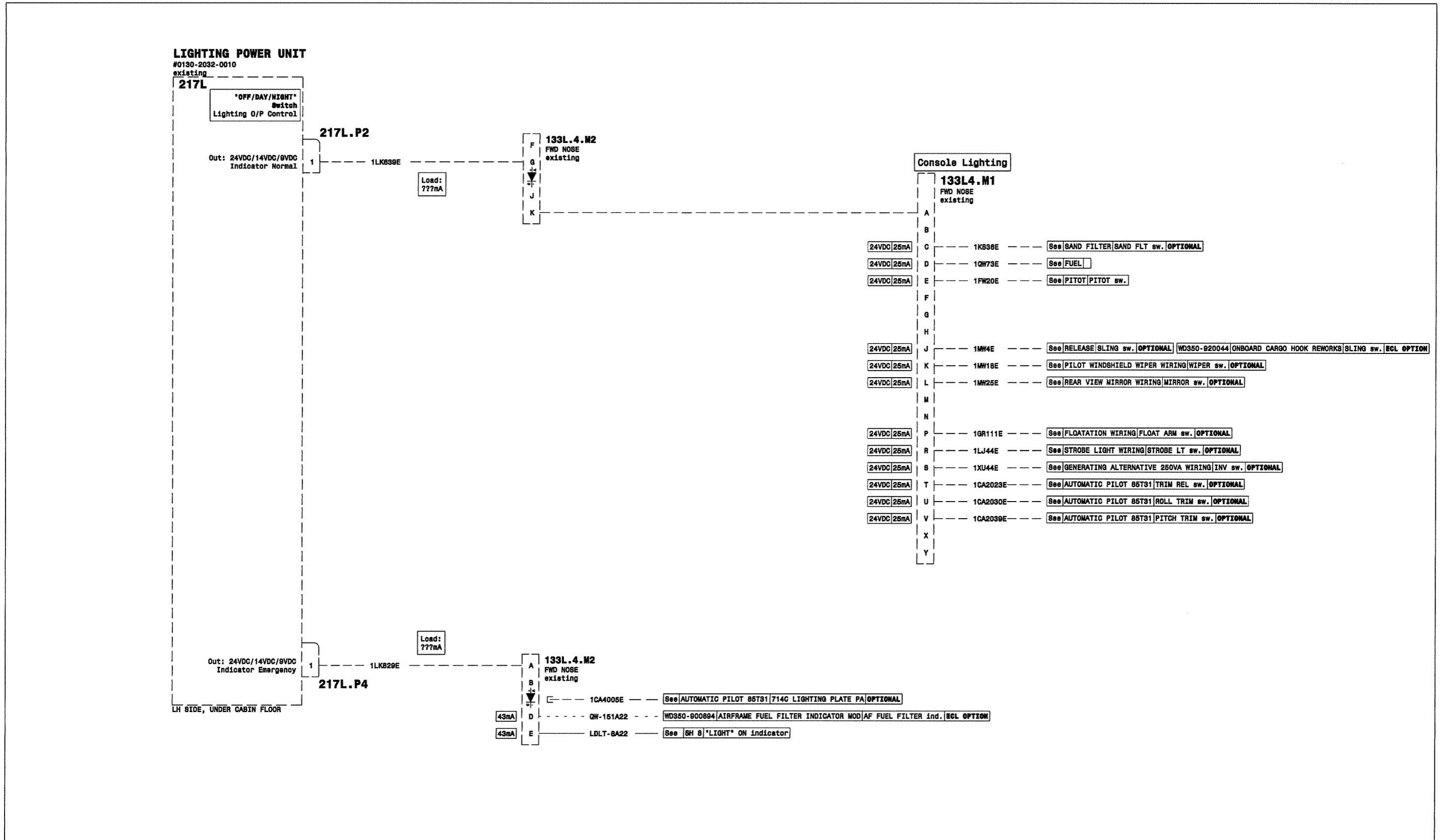


Figure 28 Wiring Diagram, Instrument Lighting MOD (continued)

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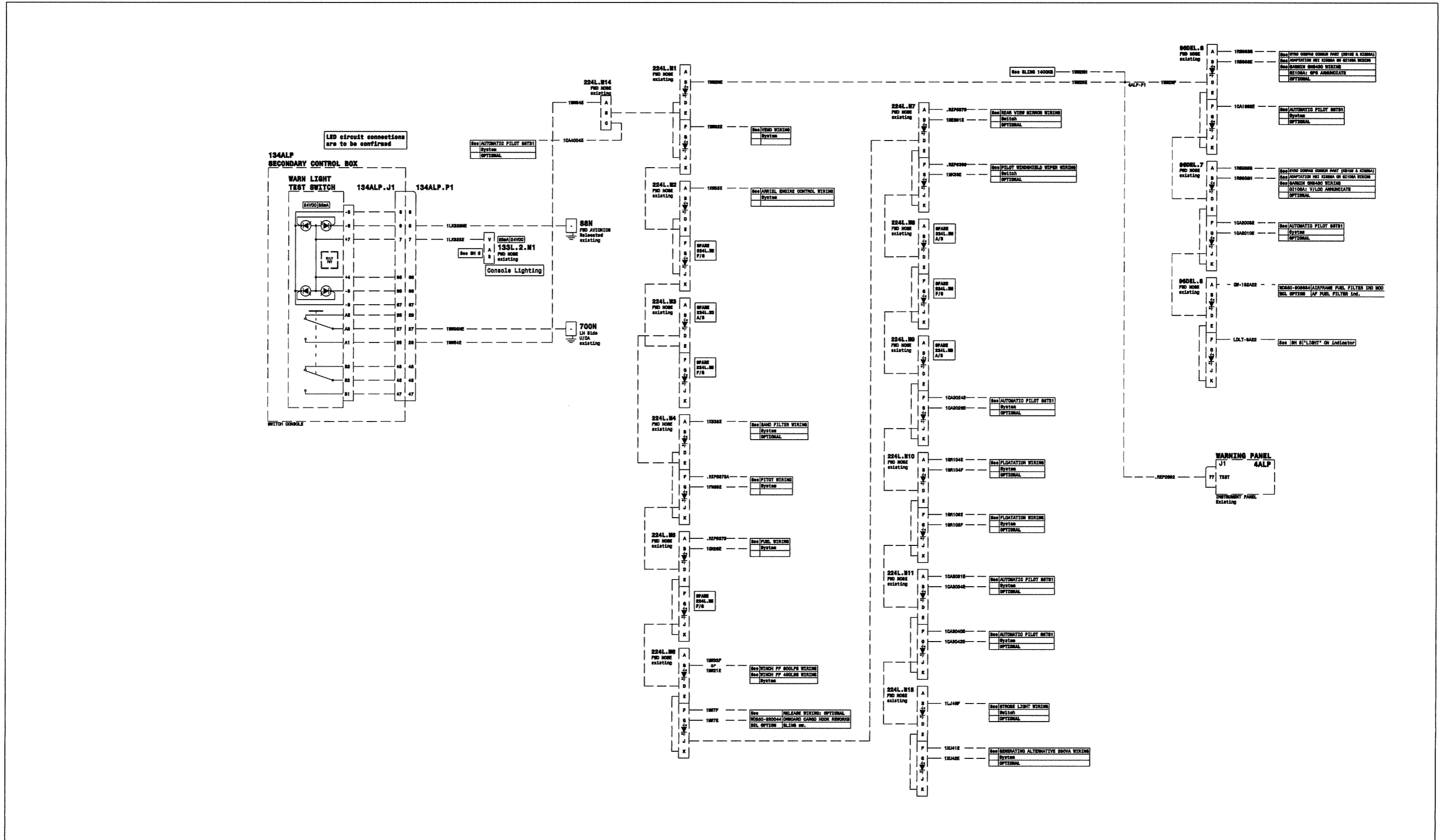


Figure 29 Wiring Diagram, Instrument Lighting MOD (continued)

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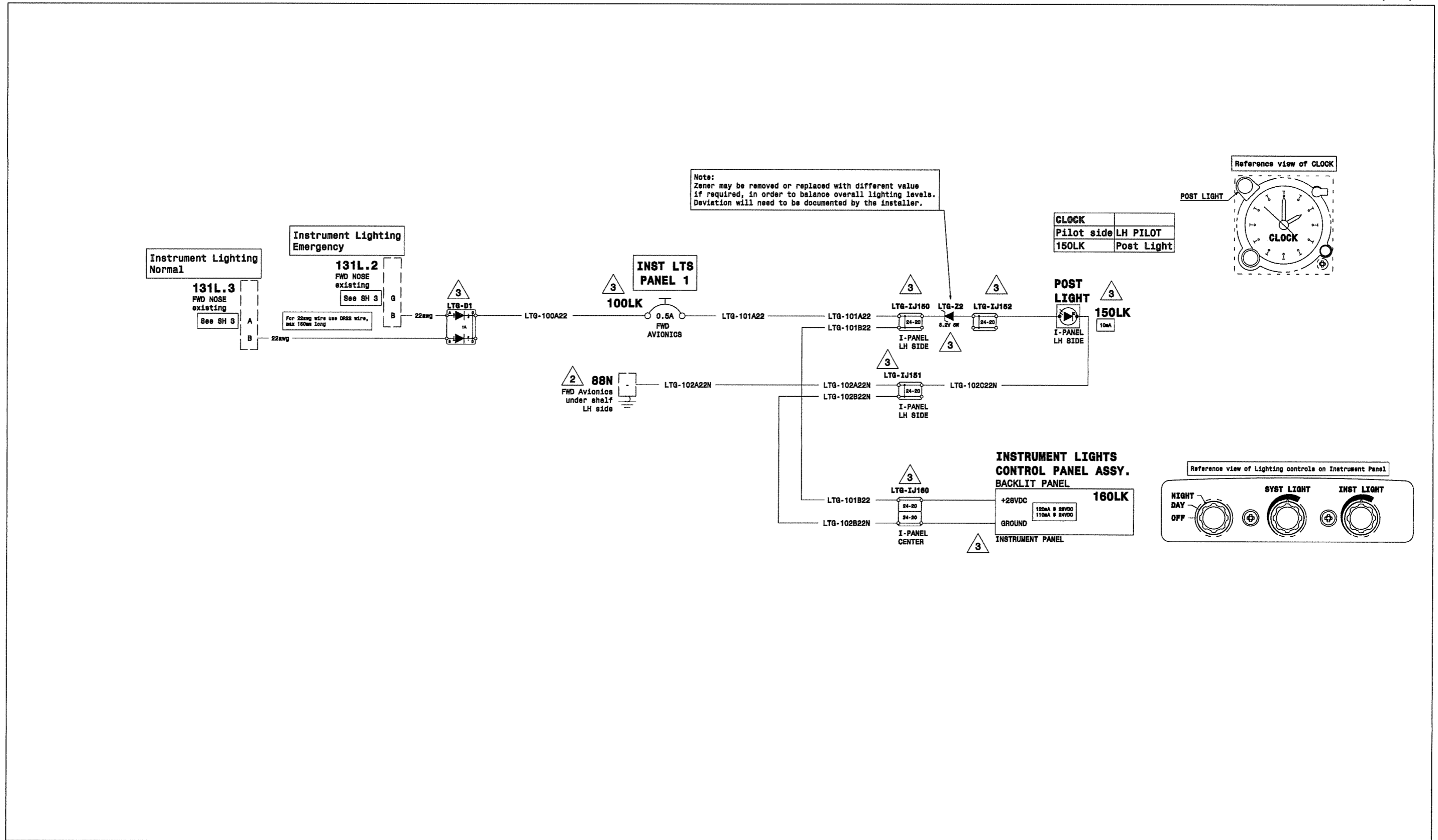


Figure 30 Wiring Diagram, Instrument Lighting MOD (continued)

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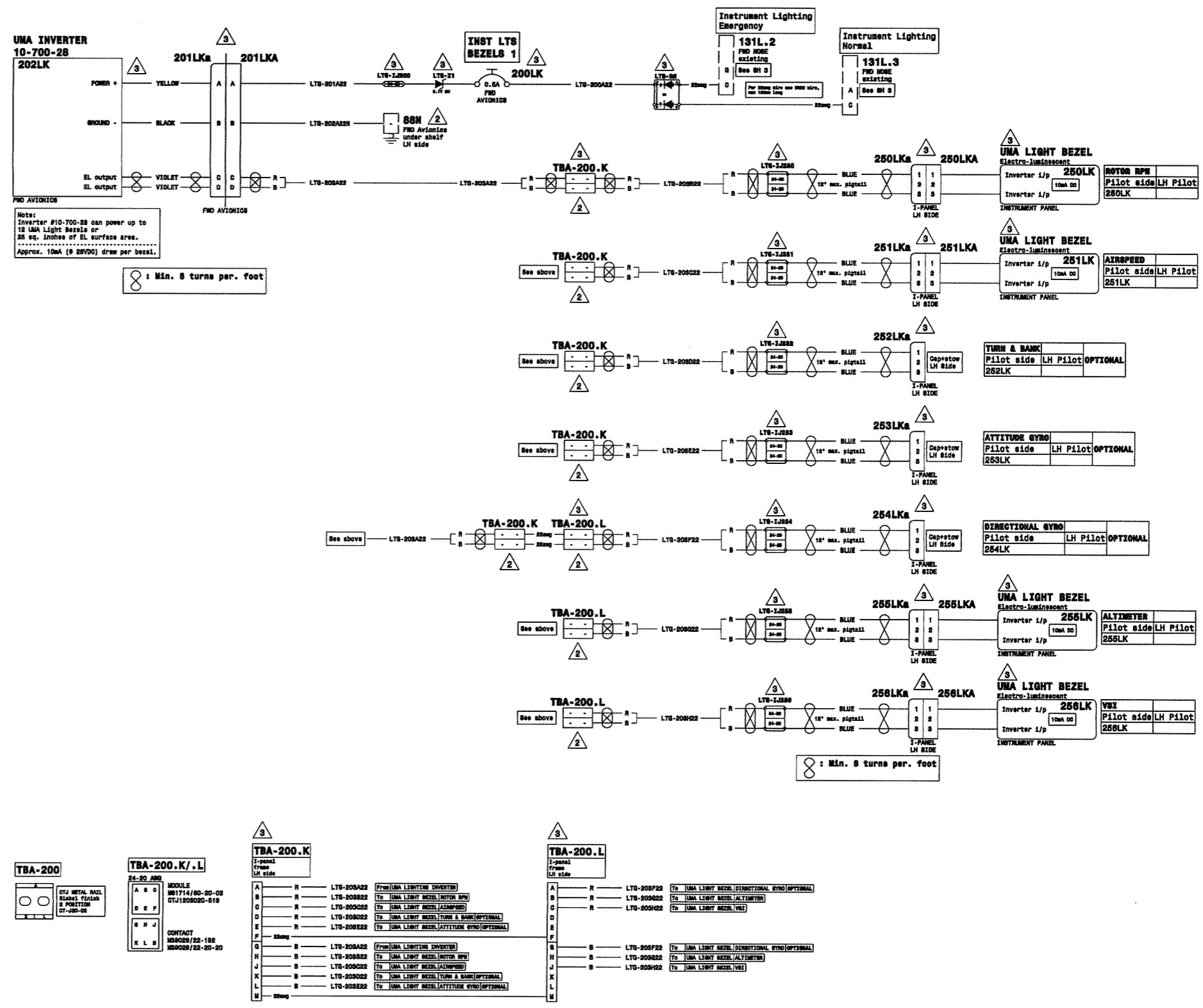


Figure 31 Wiring Diagram, Instrument Lighting MOD (continued)

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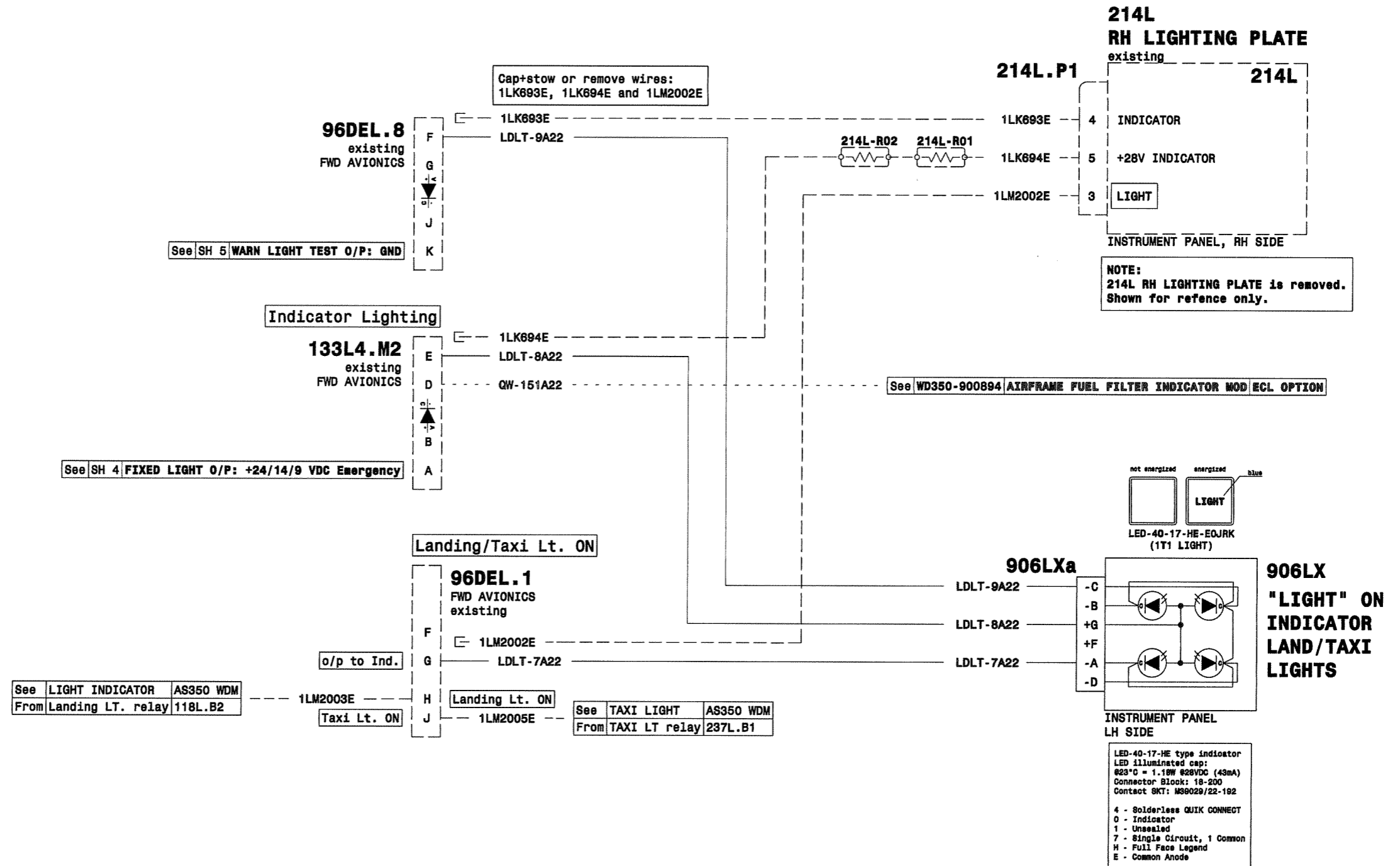


Figure 32 Wiring Diagram, Instrument Lighting MOD (continued)

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**7. SPECIAL TOOLING**

No special test equipment or tools are required. Standard tools are adequate.

**8. REMOVAL AND REPLACEMENT**

Proceed as follows if any of these items need to be removed.

**PRELIMINARIES**

**A. For aircraft AS 350 (excluding AS 350 B2 & B3):**

- Read the General Electrical Instructions (refer to AS 350, MET, Chapter 24.00.00.301)
- set the "D.BAT" push button to "OFF"
- set the "EXT PWR BAT" pushbutton to "OFF" (refer to Electrical Power, AS 350 MET, Chapter 24.00.00.301)
- disconnect the external power unit and battery (refer to Removal/Installation AS 350 MET, Chapter 24.30.00.401)

**B. For aircraft AS 350 B2 or B3:**

- Read General Safety Instructions - Electrical Power Supply System (refer to AS 350 B2/B3, AMM, Chapter 24-00-00,3-1)
- Read Electrical Power Supply on the Ground (refer to AS 350 B2/B3, AMM, Chapter 24-00-00, 2-1)
- disconnect the external power unit and battery (refer to Removal/Installation, AS 350 B2/B3, AMM, Chapter 24-33-00, 4-1)

**C. Open any circuit breakers associated with the left Side Pilot Configuration.**

**D. Remove glareshield if removing/installing instruments from the instrument panel. Refer to Figures 2, 3, 4, and 5.**

**E. Unlock collective by pressing lock assembly and pull collective lever up.**

**F. If removing collective lever, cyclic control or pedal, remove lower cowlings.**

For aircraft AS 350 (excluding B2 & B3), refer to Forward & aft lower cowling under bottom structure: Removal-Installation, AS 350 MET, Chapter 53.00.00.405.

For aircraft AS 350 B2/B3, refer to Removal/Installation - Lower fairings, AS 350 B2/B3, AMM, Chapter 53-51-00, 4-2.

**A. REMOVAL**

**1) COLLECTIVE LEVER**

- a. For aircraft AS 350 (excluding B2 & B3), remove the Collective Lever in accordance with Dual Flight Controls – Removal-Installation, AS 350 MET, Chapter 67.10.00.401.
- b. For aircraft AS 350 B2/B3, remove the Collective Lever in accordance with Disassembly / Assembly – Single / Double Controls, AS 350 B2/B3, AMM, Chapter 67-10-00, 4-2.

**2) CYCLIC CONTROLS**

- a. For aircraft AS 350 (excluding B2 & B3), remove the Cyclic Controls in accordance with Dual Flight Controls – Removal-Installation, AS 350, MET, Chapter 67.10.00.401.
- b. For aircraft AS 350 B2/B3, remove the Cyclic Controls in accordance with Disassembly / Assembly – Single / Double Controls, AS 350 B2/B3, AMM, Chapter 67-10-00, 4-2.

**3) LOCK ASSEMBLY (Refer to Figure 17)**

- a. Remove screws (12, 2 places) and washers (11, 2 places) and remove bracket (5) from cabin floor.
- b. Remove nut (14) , screw (10) and washer (9). Remove spacer (4) and lift clip (8) from collective lever.

**B. REPLACEMENT**

**NOTE:** Use torque per EC, MTC, Volume 2, Chapter 20.02.05.404, unless otherwise specified.

**1) COLLECTIVE LEVER**

- a. For aircraft AS 350 (excluding B2 & B3), remove the Collective Lever in accordance with Dual Flight Controls – Removal-Installation, AS 350 MET, Chapter 67.10.00.401.
- b. For aircraft AS 350 B2/B3, remove the Collective Lever in accordance with Disassembly / Assembly – Single / Double Controls, AS 350 B2/B3, AMM, Chapter 67-10-00, 4-2.

**2) CYCLIC CONTROLS**

- a. For aircraft AS 350 (excluding B2 & B3), remove the Cyclic Controls in accordance with Dual Flight Controls – Removal-Installation, AS 350, MET, Chapter 67.10.00.401.
- b. For aircraft AS 350 B2/B3, remove the Cyclic Controls in accordance with Disassembly / Assembly – Single / Double Controls, AS 350 B2/B3, AMM, Chapter 67-10-00, 4-2.

**3) LOCK ASSEMBLY (Refer to Figure 17)**

- a. Apply thread tape (15) on inner surface of clip (8) and position clip (8) on collective lever.
- b. Install spacer (4) on clip (8). Place washer (9) onto screw (10) and insert screw through clip (8).
- c. Secure screw (10) using nut (14).
- d. Position bracket (5) on cabin floor and secure using washers (11) and screws (12).

**NOTE** Adjust position of bracket (5) to insure proper locking. Refer to Figure 16, Note 1.



**8. REMOVAL AND REPLACEMENT (continued)**

4. For aircraft AS 350 (excluding AS 350 B2 & B3):
  - If lower cowlings where removed, reinstall in accordance with Forward & aft lower cowling under bottom structure: Removal-Installation, AS 350 MET, Chapter 53.00.00.405.
  - Apply external power unit and battery. Refer to AS 350 MET, Chapter 24.30.00.401.
  - Perform functional test in accordance with AS 350, Chapter 24.30.00.501.
5. For aircraft AS 350 B2 & B3:
  - If lower cowlings where removed, reinstall in accordance with Removal/Installation - Lower fairings, AS 350 B2/B3, AMM, Chapter 53-51-00, 4-2.
  - Before energizing the aircraft power supply, read safety instructions, refer to General Safety Instruction - Electrical Power Supply System, AS 350 B2/B3, AMM, Chapter 24-00-00, 3-1.
  - Reconnect the external power unit and battery, refer to removal / Installation As 350 B2/B3, AMM, Chapter 24-33-00, 4-1.
  - Perform functional test in accordance with AS 350, Chapter 24.33-00, 4-1.
- 6) Close all areas opened for service in the PRELIMINARIES paragraph of this section.
- 7) Perform operational check of all systems that were serviced in accordance with the AS 350 MET or AMM procedures and the system's installation/operation manual.

**9. WEIGHT AND BALANCE DATA**

NOTE: This Weight and Balance Chart is applicable to 350-400004.

A. Removed Items

DESCRIPTION	WEIGHT		ARM		MOMENT	
	kg	lbs	m	in	kg m	lb in
Not Applicable	0.00	0.0	0.00	0.0	0.00	0.0
<b>Total</b>	<b>0.00</b>	<b>0.0</b>	<b>0.00</b>	<b>0.0</b>	<b>0.00</b>	<b>0.0</b>

B. Added Items

DESCRIPTION	WEIGHT		ARM		MOMENT	
	kg	lbs	m	in	kg m	lb in
Collective Control Quadrant	0.20	0.4	1.13	44.5	0.23	17.8
Collective Lever Fitting	0.38	0.8	1.13	44.5	0.43	35.6
Collective Cover Plate Assembly	0.04	0.1	1.13	44.5	0.05	4.5
Cyclic Stick Mod	0.39	0.9	1.13	44.5	0.44	40.1
Collective Lock Installation	0.30	0.7	1.13	44.5	0.34	31.2
Hardware	0.83	1.8	1.13	44.5	0.94	80.1
<b>Total</b>	<b>2.14</b>	<b>4.7</b>	<b>1.13</b>	<b>44.5</b>	<b>2.42</b>	<b>209.2</b>

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**WEIGHT AND BALANCE DATA (continued)**

NOTE: This Weight and Balance Chart is applicable to 350-400164.

A. Removed Items

DESCRIPTION	WEIGHT		ARM		MOMENT	
	kg	lbs	m	in	kg m	lb in
Not Applicable	0.00	0.0	0.00	0.0	0.00	0.0
<b>Total</b>	<b>0.00</b>	<b>0.0</b>	<b>0.00</b>	<b>0.0</b>	<b>0.00</b>	<b>0.0</b>

B. Added Items

DESCRIPTION	WEIGHT		ARM		MOMENT	
	kg	lbs	m	in	kg m	lb in
Collective Control Quadrant	2.26	5.0	1.13	44.5	2.55	222.5
Collective Lever Fitting	0.38	0.8	1.13	44.5	0.43	35.6
Collective Cover Plate Assembly	0.04	0.1	1.13	44.5	0.05	4.5
Cyclic Stick Mod	0.39	0.9	1.13	44.5	0.44	40.1
Collective Lock Installation	0.30	0.7	1.13	44.5	0.34	31.2
Pilot LH Collective MOD	0.38	0.8	1.13	44.5	0.43	35.6
Hardware	0.49	1.1	1.13	44.5	0.55	49.0
<b>Total</b>	<b>4.24</b>	<b>9.4</b>	<b>1.13</b>	<b>44.5</b>	<b>4.79</b>	<b>418.3</b>

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**10. PLACARDS AND MARKINGS**

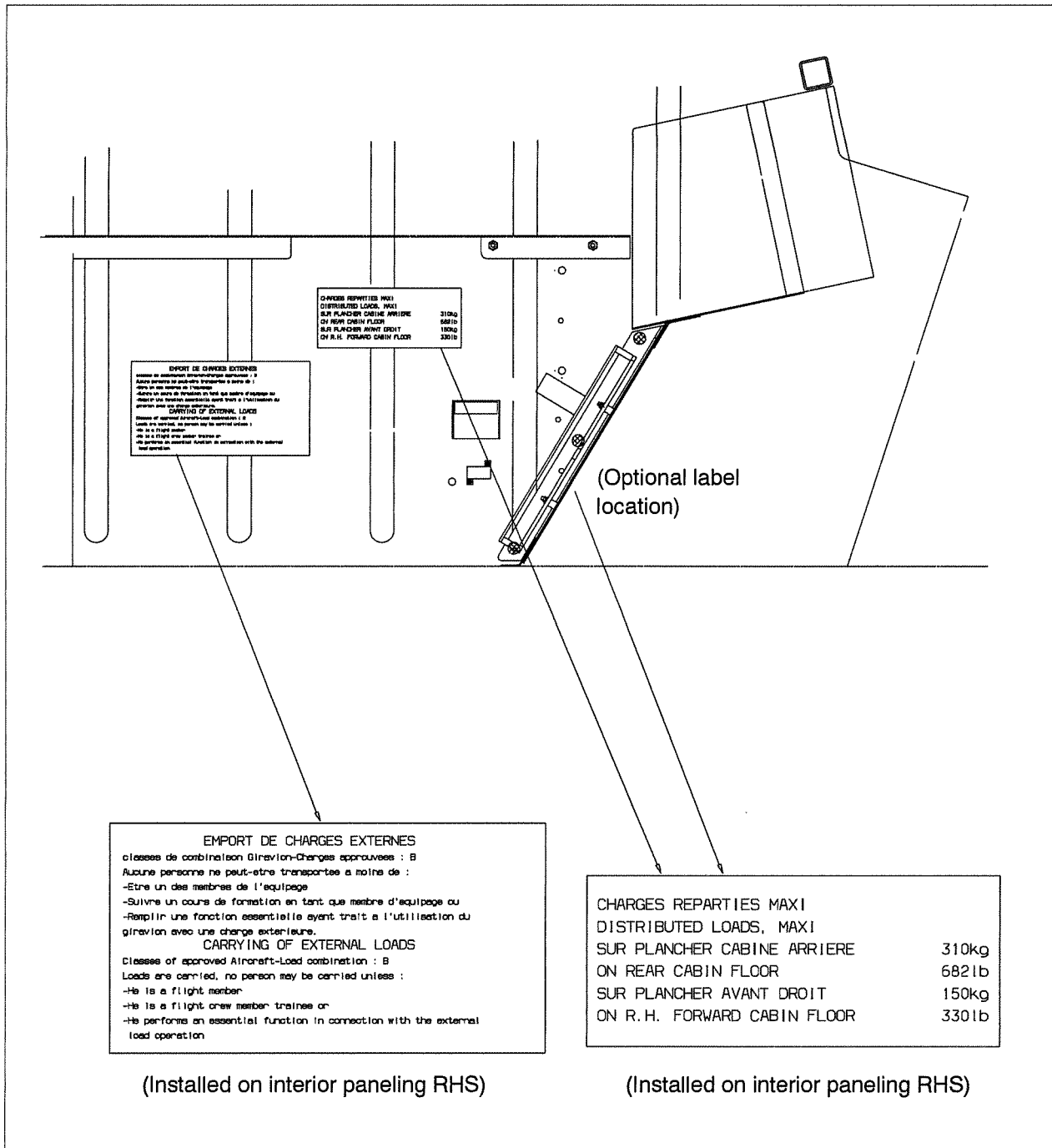


Figure 33 Identification label location in nosebay

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10. **PLACARDS AND MARKINGS** (continued)

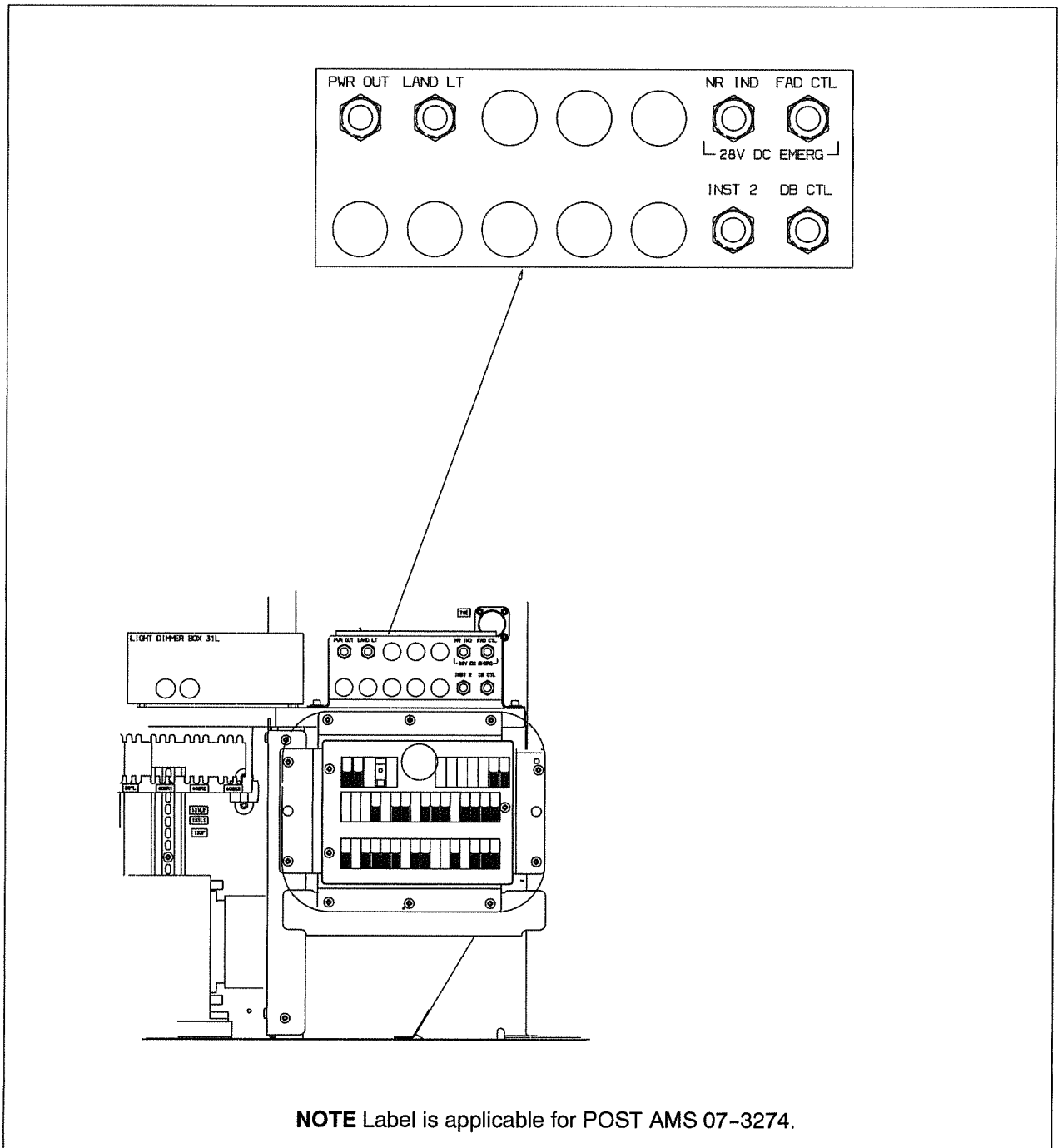


Figure 34 Identification label location in nosebay

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10. **PLACARDS AND MARKINGS** (continued)

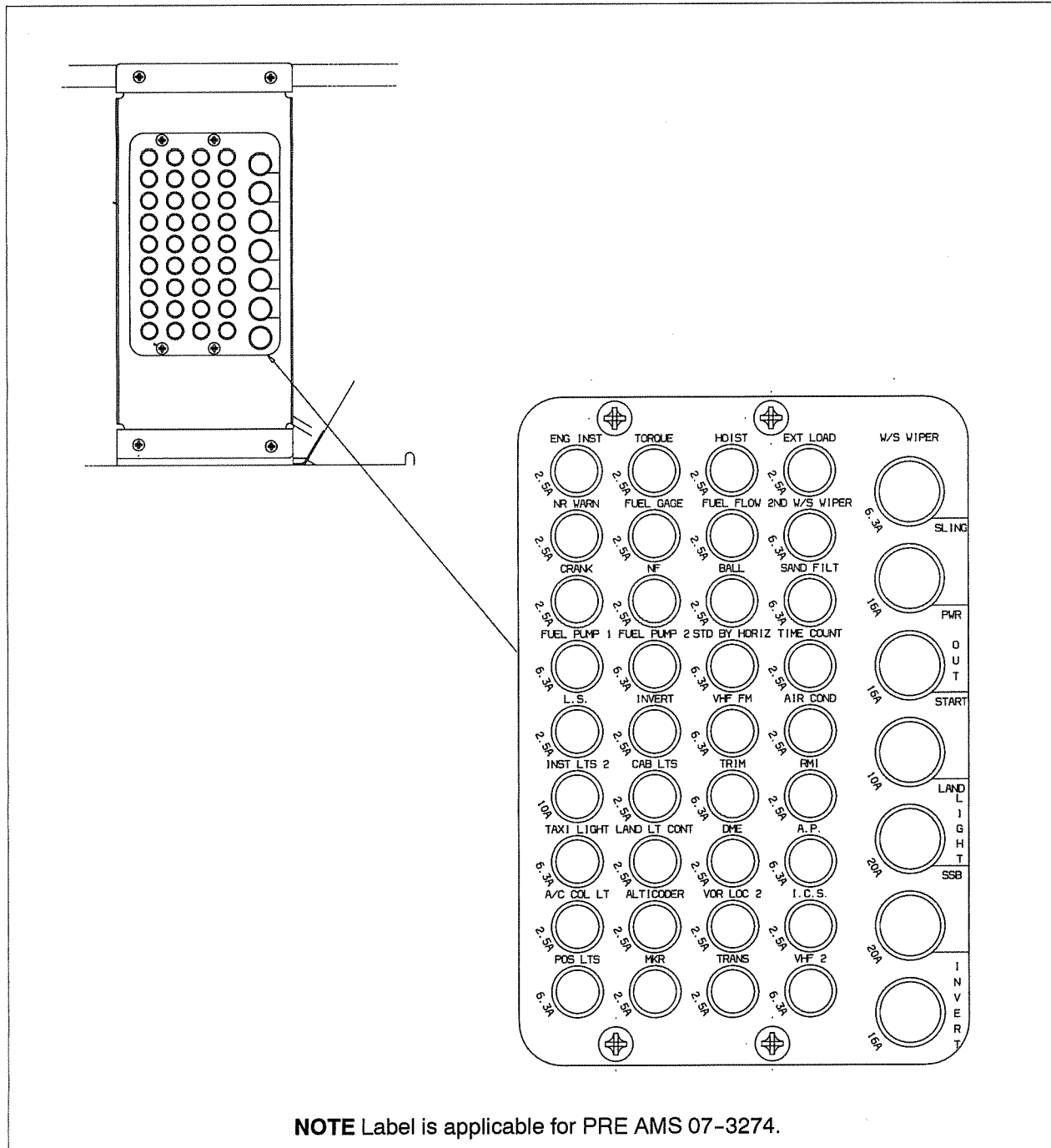


Figure 35 Identification label location in nosebay (AS 350 BA and B2)

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10. **PLACARDS AND MARKINGS** (continued)

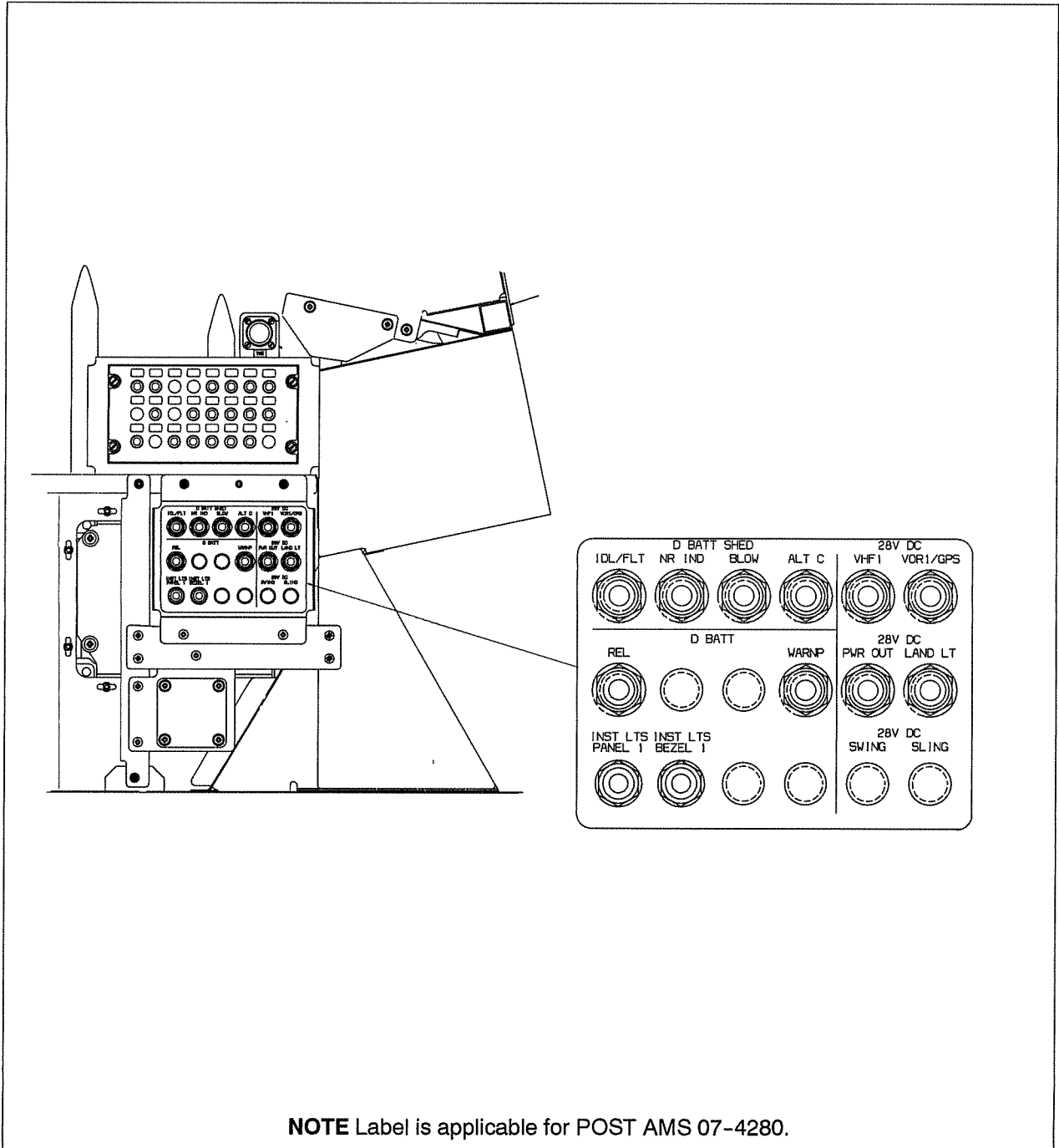


Figure 36 Identification label location in nosebay (AS 350 B3)

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