



AIRBUS HELICOPTERS CANADA LIMITED

INSTRUCTIONS FOR CONTINUED
AIRWORTHINESS
INSTALLATION OF LH AND / OR RH
CARGO PODS
AS 350

SUBJECT:

Required maintenance for the installation of LH and / or RH Cargo Pods.

APPLICABILITY:

Aircraft with the subject modification embodied in accordance with TCCA STC No. SH97-15 or any relevant foreign approvals.

NOTE: Cargo Pods are not compatible with Sliding Doors.

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**INSTRUCTIONS FOR CONTINUED
AIRWORTHINESS
INSTALLATION OF LH AND / OR RH
CARGO PODS
AS 350**

AIRBUS HELICOPTERS CANADA LIMITED

RECORD OF REVISIONS

[illegible]

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.

NOTE: Minor changes are released in accordance with TCCA- ACCEPTED CAR 521.154 procedures (ref. DAPM- E-0001).

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1. GENERAL

- A. The subject Installation of LH and / or RH Cargo Pods comprises one or two pods which provide an increase in cargo bay capacity. The forward opening door allows for easy cargo handling. The Cargo Pods have a non-slip upper surface and maintenance step. Refer to Figure 1 for General Layout.

Refer to MDL-97-004 for a list of cargo pod installation drawings. For the AS 350 B2 and B3, the structural provisions for the crashworthy fuel tank (AMS 07-4606) affects the cargo pod installation. Installation 350-201814 (LH) and/or 350-201824 (RH) are compatible with PRE and POST AMS 07-4606. Installation 350-200814 (LH), part of an earlier design AS 350 (LH / RH), is not compatible with POST AMS 07-4606 for the left side installation only. The table below summarizes this compatibility.

	350- 201814 and / or 350-201824 (LH) CURRENT DESIGN (RH) *		350- 200814 and / or 350-200824 (LH) EARLIER DESIGN (RH)	
AS 350 B	X	X	X	X
AS 350 B1	X	X	X	X
AS 350 B2 or B3 (PRE AMS 07 4606)	X	X	X	X
AS 350 B2 or B3 (POST AMS 07 4606)	X	X		X
AS 350 BA	X	X	X	X
AS 350 D	X	X	X	X

* For instructions on the initial installation, refer to IP-AHCA-141. (For P/N's 350-201814 and/or 350-201824 only)

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

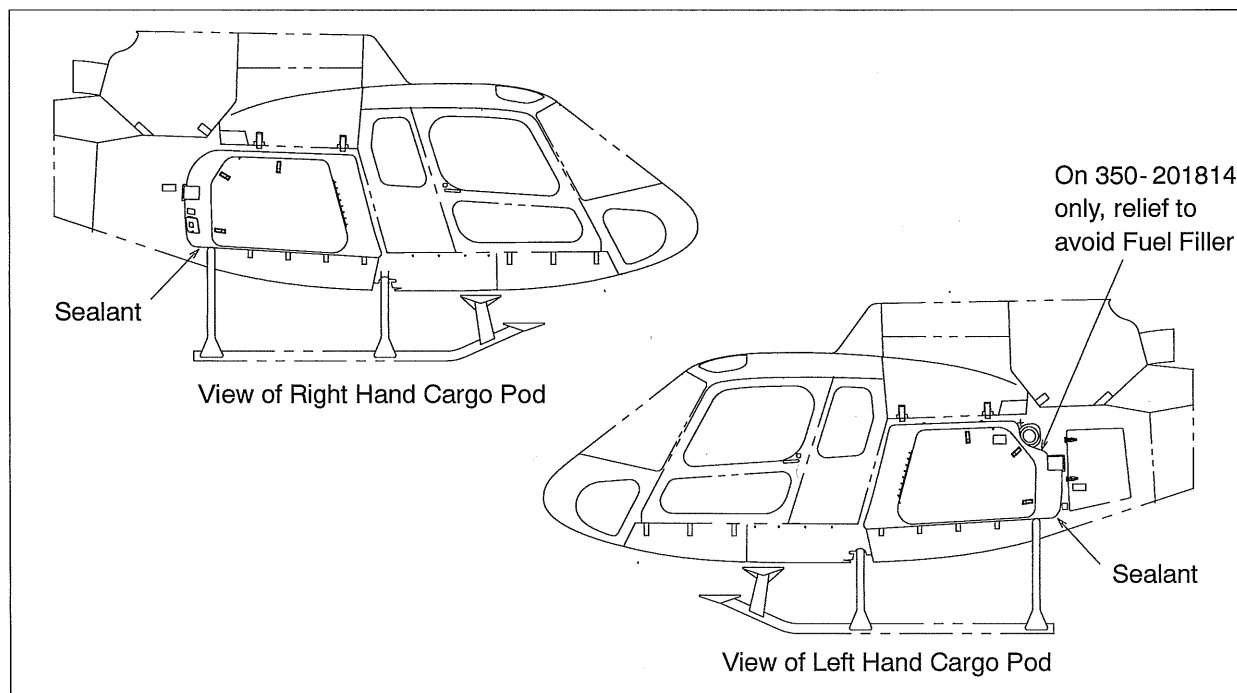


Figure 1 General Layout

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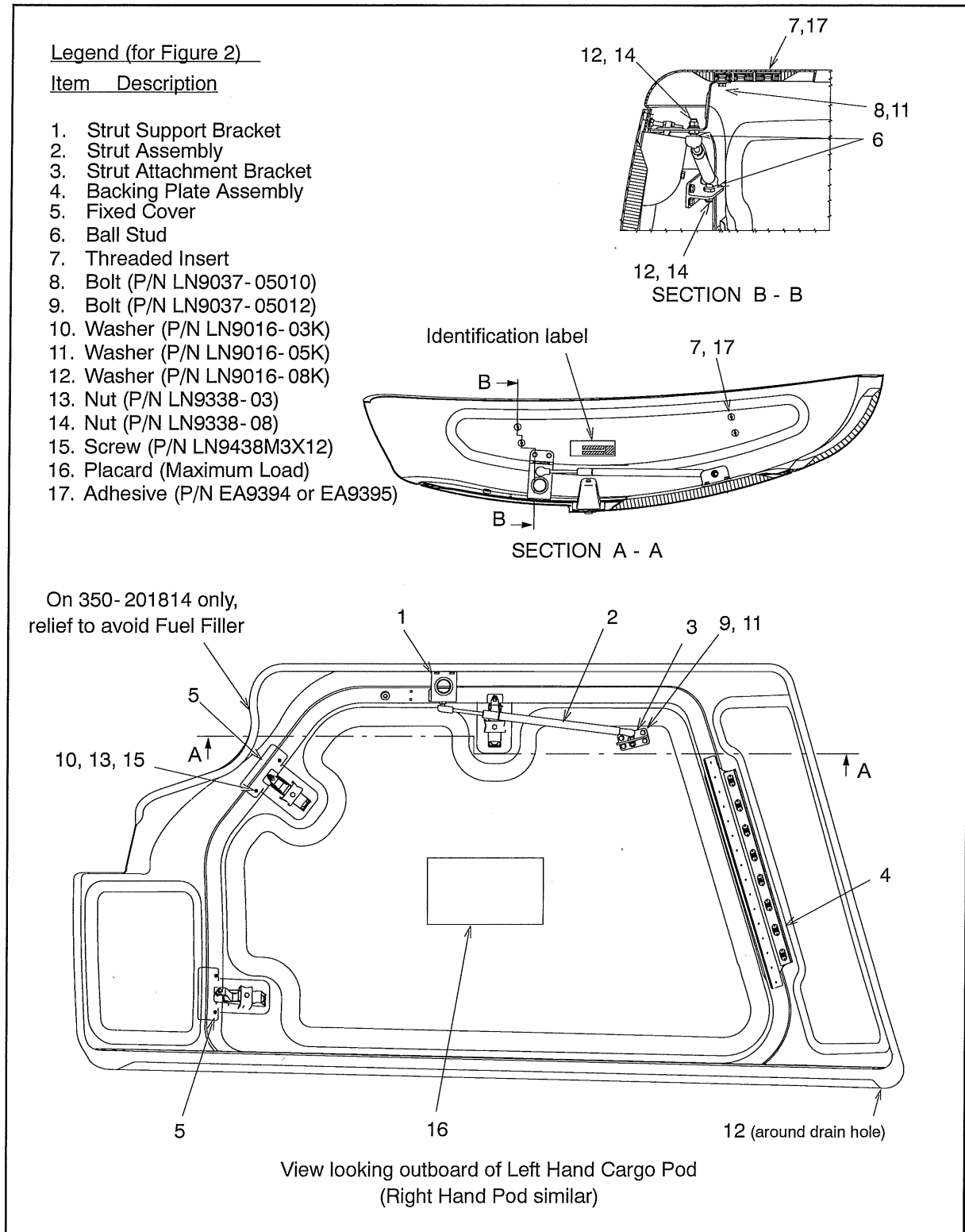
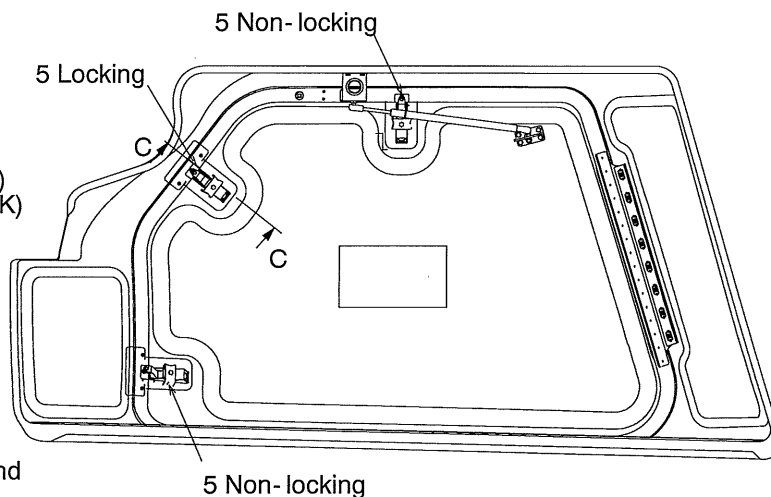
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Figure 2 Left Hand Cargo Pod

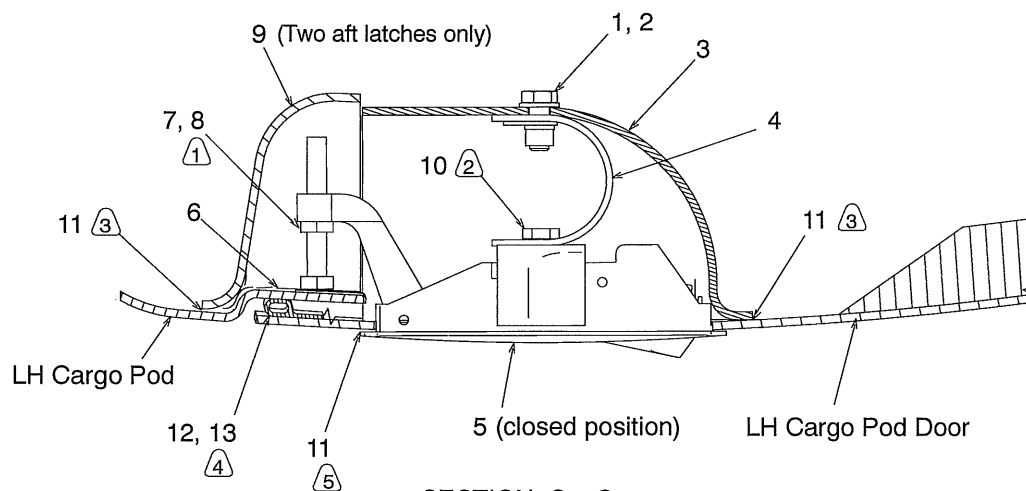
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Legend (for Figure 3)
Item Description

1. Bolt (P/N LN9037-05012)
2. Washer (P/N LN9016-05K)
3. Mobile Cover
4. Clamp Assembly
5. Latch Assembly (non-locking or locking)
6. Striker Plate
7. Latch Screw
8. Jam Nut
9. Fixed Cover
10. Thread Locking Compound (P/N Loctite 242)
11. Sealant (P/N PR1422-B2)
12. P-Seal (P/N 1.952N403)
13. Adhesive (P/N 3M 847)



View looking outboard of LH Cargo Pod Door


SECTION C - C

 Left Hand Door Latch Assembly shown
 (typical 3 places)

 Cargo Pod Door latch shown in closed position
 (Right Hand door latch assembly same)

- ⑤ Fillet seal around edges of latch assembly (5) using sealant (11).
- ④ Bond P-Seal (12) to door using adhesive (13).
- ③ Apply sealant (11) to faying surfaces.
- ② Apply thread locking compound (10) during installation.
- ① Adjust latch screw (7) and jam nut (8) to ensure even seal contact around perimeter of door and cargo pod flange.

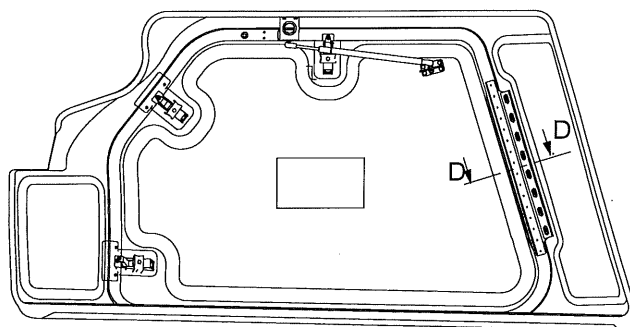
NOTES:

Figure 3 Door Latch Assembly

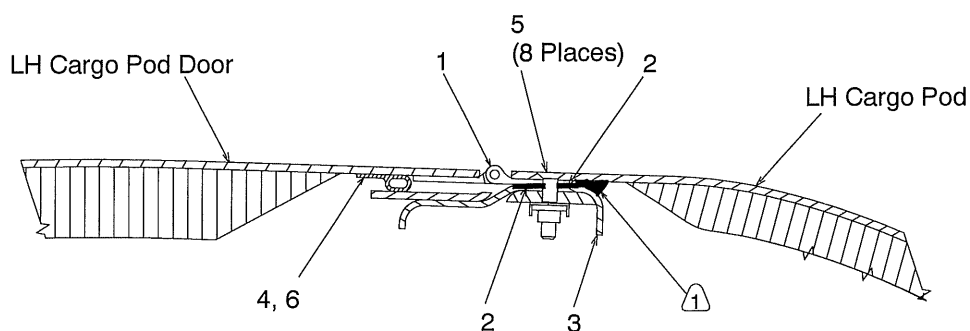
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Legend (for Figure 4)
Item Description

1. Hinge
2. Shim
3. Backing Plate Assembly
4. P-Seal (P/N 1.952N403)
5. Screw (P/N LN9438M4X18)
6. Adhesive (P/N 3M 847)
7. Sealant (P/N PR 1422- B2)



View looking outboard of LH Cargo Pod Door


 SECTION D - D
 Left Hand Cargo Pod Door shown,
 (Right Hand Cargo Pod opposite)

- ① Fillet seal around backing plate assembly (3) with sealant (7).

NOTES:

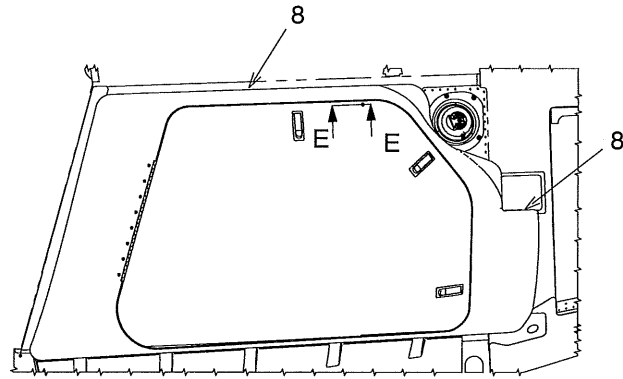
Figure 4 Door Hinge Assembly

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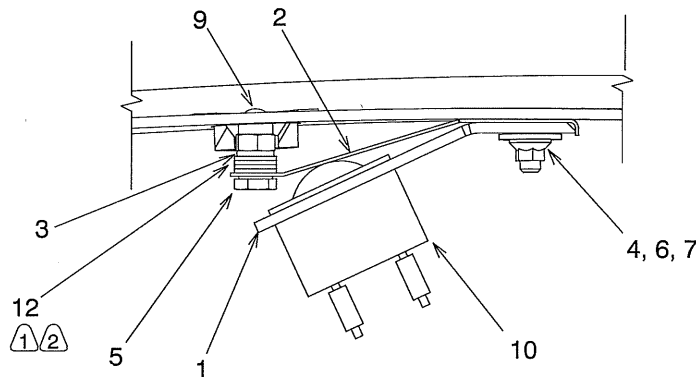
Legend (for Figure 5)

Item Description

1. Switch Support
2. Spring
3. Lockwasher (P/N 668-045)
4. Washer (P/N LN29952-0410K)
5. Bolt (P/N LN9038K04008)
6. Screw (P/N LN9438M4X12)
7. Nut (P/N LN9338-04)
8. Anti Slip Surface (P/N 510 Black - 6")
9. Nut (P/N 151-020)
10. Door/Micro Switch
11. Thread Locking Compound (P/N Loctite 242)
12. Washer (P/N 23111AG040LE)



LH Cargo Pod Door


 SECTION E - E
 Micro Switch on LH Cargo Pod

- ② Apply thread locking compound (11) to bolt (5) threads once adjusted.
- ① Adjust door/micro switch (10) as required by adding or removing washers (12) to allow the instrument panel warning light to extinguish when door is closed and latched.

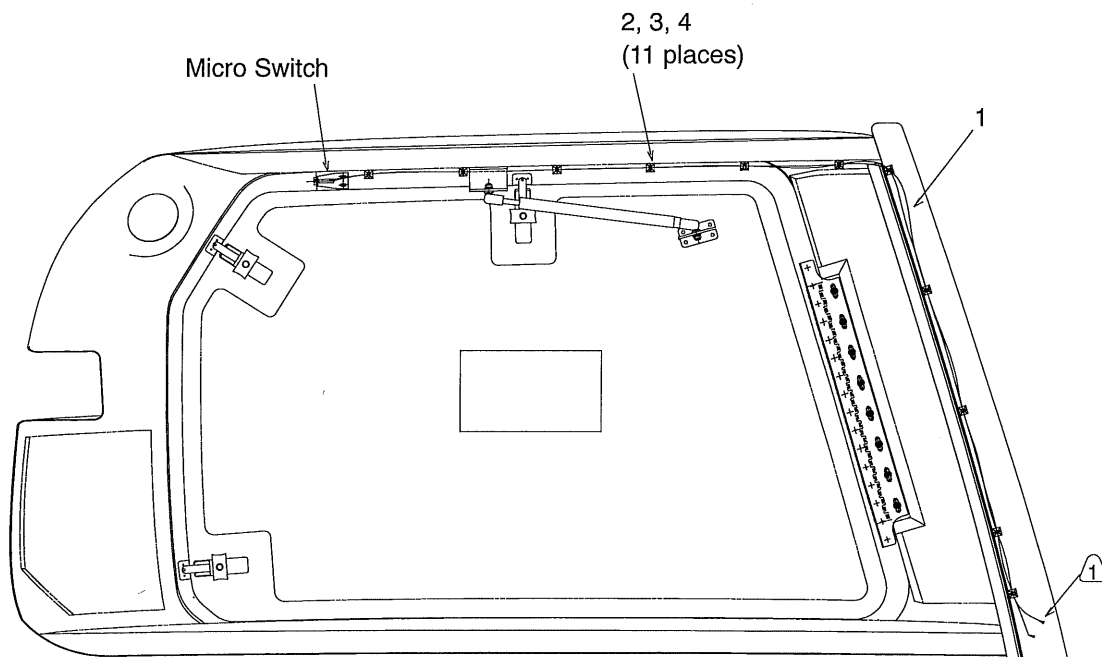
NOTES:

Figure 5 Door Switch Assembly

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Legend (for Figure 6)
Item Description

1. Micro switch wire Routing LH/RH
2. Tywrap Base
3. Tywrap
4. Adhesive (P/N EC 1838B/A)



Detail of LH Cargo Pod looking outboard (RH Cargo Pod similar)
 Inner Pod Flange and other existing aircraft members
 removed for clarity

⚠ Connect to existing micro switch wires.

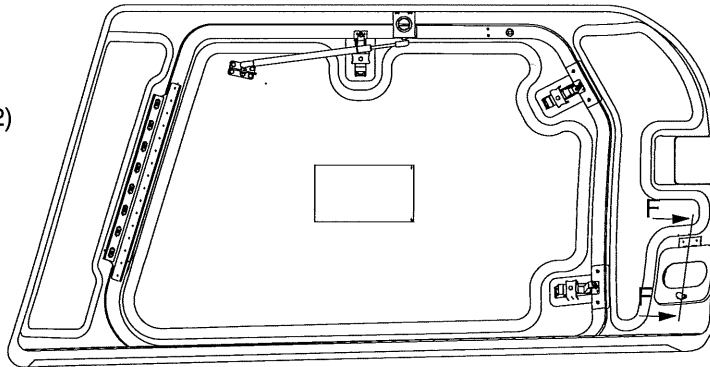
NOTES:

Figure 6 Micro Switch Wire Routing

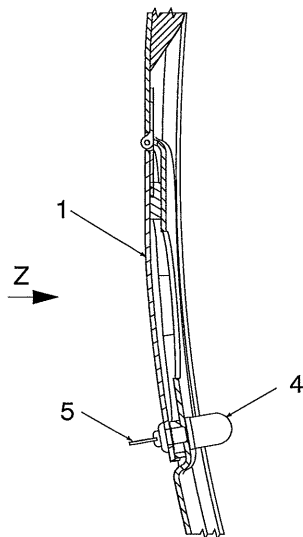
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Legend (for Figure 7)
Item Description

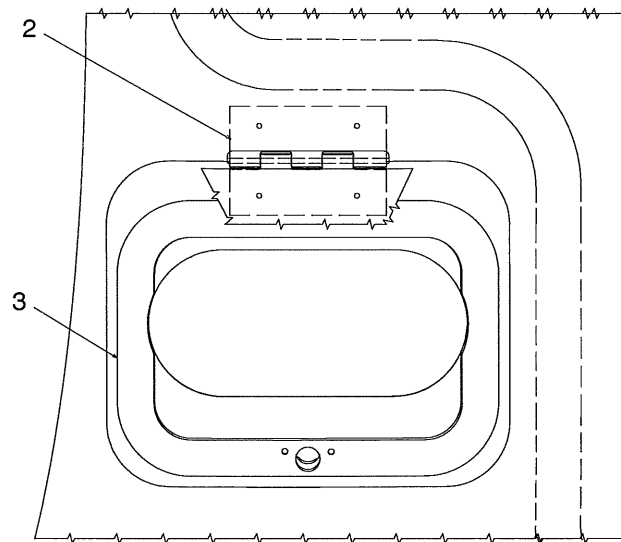
1. EPU Door Assembly
2. Hinge
3. Seal (P/N SC41-722-12)
4. Camloc Receptacle
5. Camloc



View looking outboard of Right Hand Cargo Pod



SECTION F - F



VIEW Z

 EPU Door Assembly door cut-away
 (Camloc removed for clarity)

Figure 7 RH Cargo Pod EPU Door

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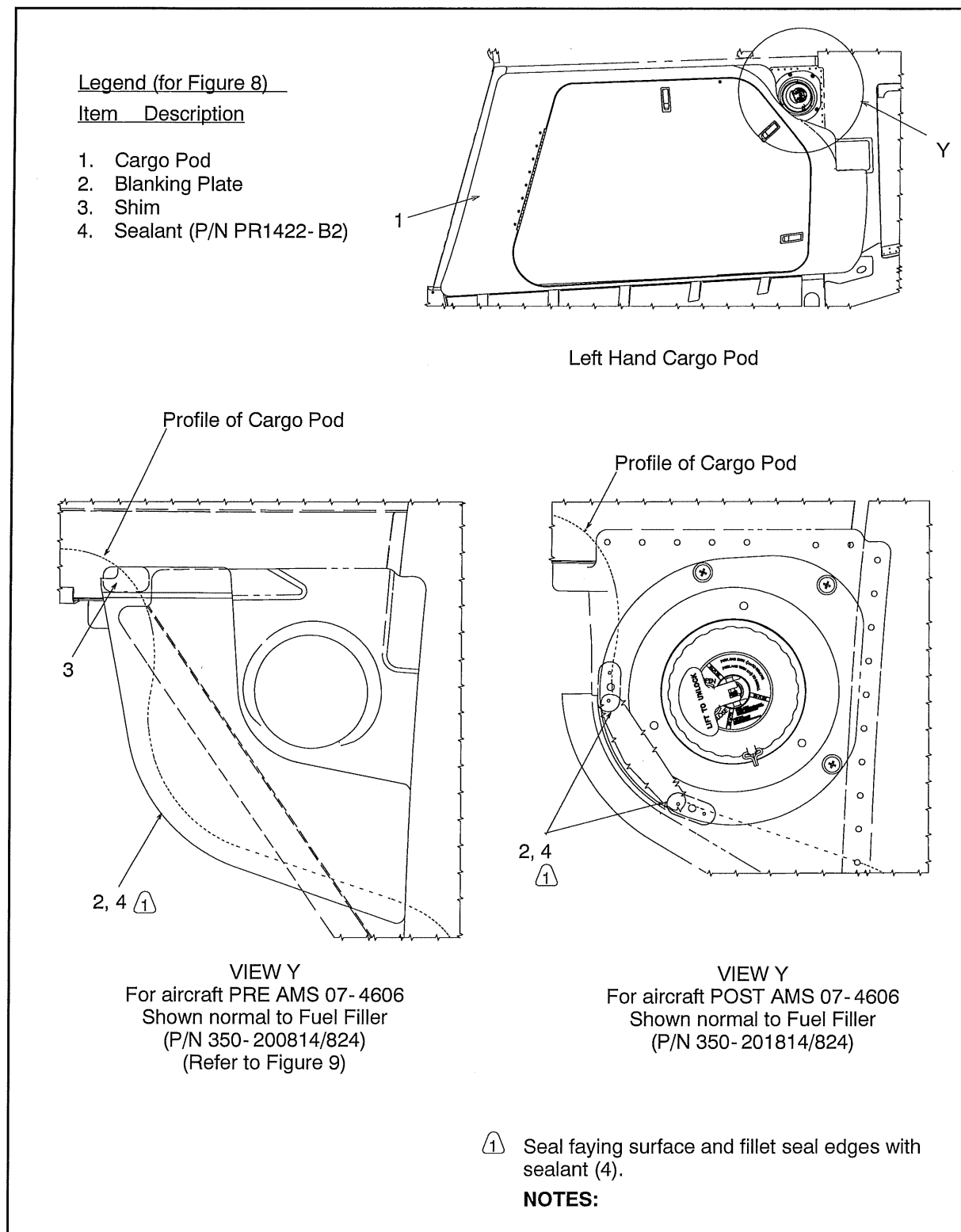
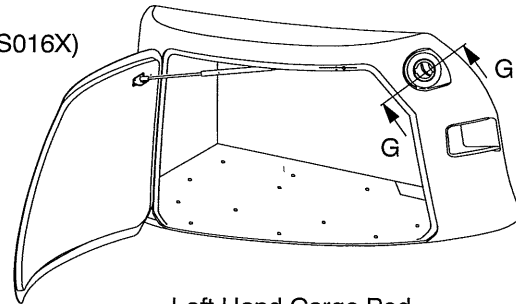


Figure 8 Cargo Pod Fuel Fillers

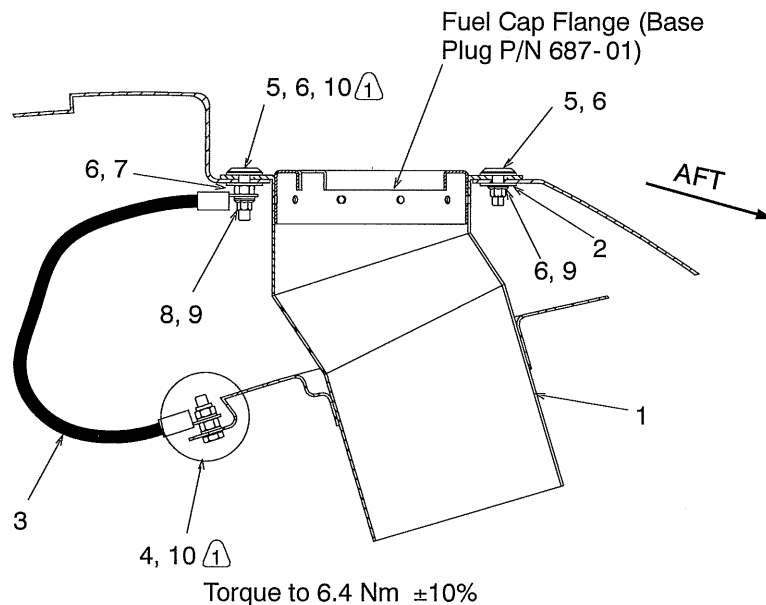
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Legend (for Figure 9)
Item Description

1. Fuel Filler Adapter Assembly
2. Fuel Filler backing Plate
3. Bonding Jumper
4. Ground Stud Installation
5. Screw (P/N A0164TK050S020X / A0164TK050S016X)
6. Washer (P/N LN29952- 0510K)
7. Nut (P/N LN9343- 05)
8. Spring Washer (P/N DIN 137B5B3C)
9. Self- Locking Nut (P/N LN9338- 05)
10. Conductive Protectant (P/N Nycote 7- 11BL)



Left Hand Cargo Pod



SECTION G - G
 Fuel Filler shown on Left Hand Cargo Pod
 For aircraft PRE AMS 07- 4606
 (P/N 350- 200814/824)
 (Refer to Figure 8)

① Clean contact area of all paint and primer and apply
 conductive protectant (10).

NOTES:

Figure 9 Fuel Filler (P/N 350- 200814) - PRE AMS 07- 4606

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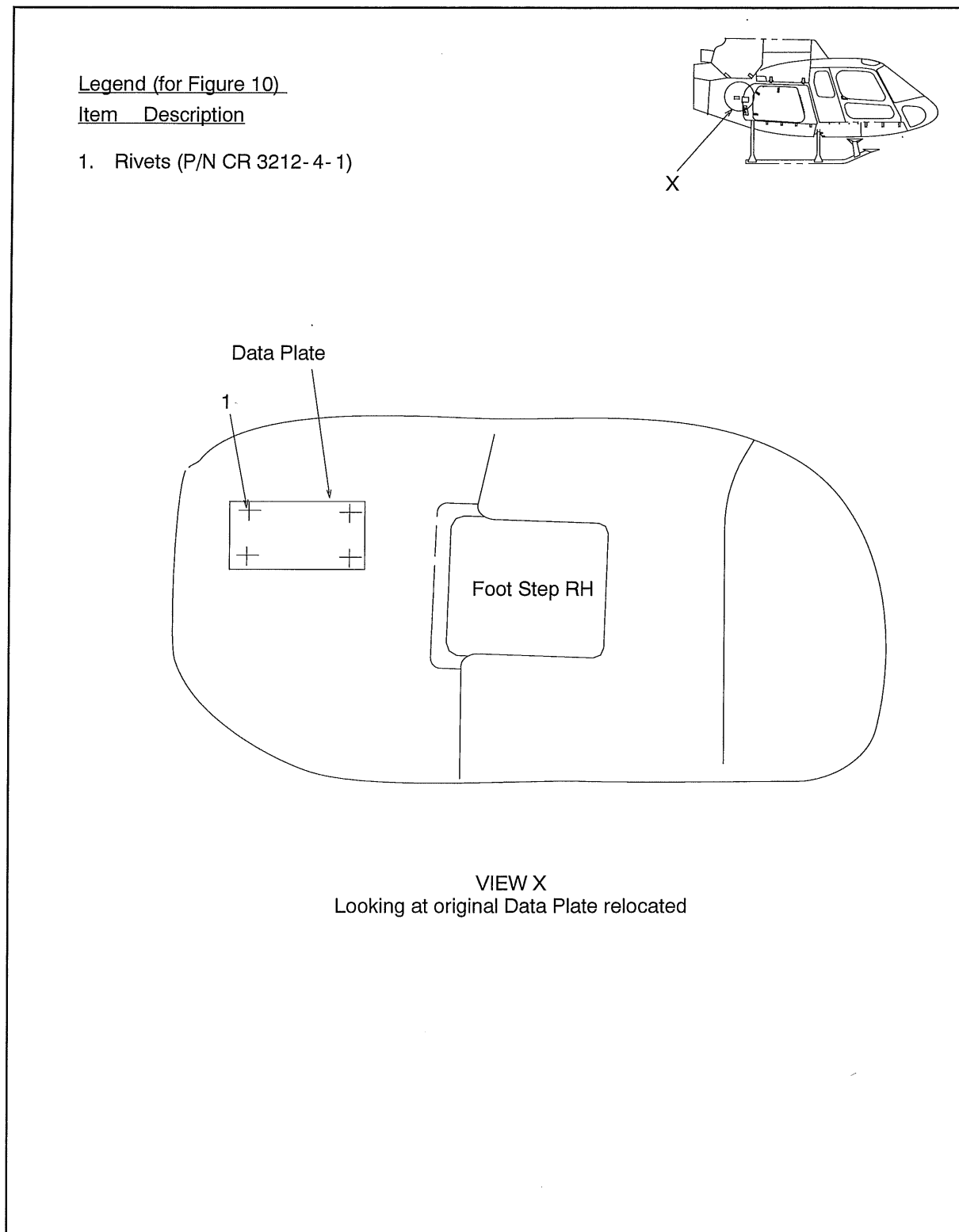


Figure 10 Data Plate Relocation

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C. REFERENCES

DOCUMENT	DOCUMENT TITLE
AMM	Aircraft Maintenance Manual
IP- AHCA- 141	Installation Procedure, Cargo Pods Installation
MET	Maintenance Manual
MOD OP 4605	Modification Optional 4605
MTC	Standard Practices Manual
PRE AMS 07- 4606	PRE Avis de Modification Series 07- 4606
POST AMS 07- 4606	POST Avis de Modification Series 07- 4606

D. ABBREVIATIONS & DEFINITIONS

ABBREVIATION	DEFINITION
Acc'd	Accepted
AHCA	Airbus Helicopters Canada Limited
App'd	Approved
A/W	Airworthiness
CAR	Canadian Aviation Regulations
D	Days
DAPM	Design Approval Procedures Manual
DC	Direct Current
EPU	External Power Unit
FAA	Federal Aviation Authority
FH	Flight Hours
LH	Left Hand
M	Months
MOD	Modification
No.	Number
OEM	Original Equipment Manufacturer
P/N	Part Number
RH	Right Hand
STC	Supplemental Type Certificate
TCCA	Transport Canada Civil Aviation
WD	Wiring Diagram

E. UNITS OF MEASUREMENT

ABBREVIATION / SYMBOL	UNIT OF MEASUREMENT
in	inch
kg	kilogram
lb	pound
m	meter
mm	millimeters
Nm	Newton meter
§§	Sections

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**INSTRUCTIONS FOR CONTINUED
AIRWORTHINESS
INSTALLATION OF LH AND / OR RH
CARGO PODS
AS 350**

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.

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

The Airworthiness Limitations Section is approved and variations must also be 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

Refer to Section 8 if removing or replacing any parts.

NOTE: Use torque per MTC, Chapter 20-02-05-404, unless otherwise specified.

4.1. INSPECTION SCHEDULE

4.1.1. Every 150 FH or 12 M (Margins: 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	<ul style="list-style-type: none"> - Check operation of the micro switch, with power ON: <ul style="list-style-type: none"> a. Check when all cargo pod doors and/or cargo compartment doors are closed and latched that "DOOR" annunciator light is OFF. b. Open each cargo pod door and/or cargo compartment door separately and ensure "DOOR" annunciator light is ON. 	<ul style="list-style-type: none"> a. If lamp remains ON, refer to Chapter 6, troubleshooting. b. If lamp fails to come ON, refer to Chapter 6, troubleshooting.
B	<ul style="list-style-type: none"> - Visually inspect LH and RH Cargo Pods Installation shown in Figure 1 for: <ul style="list-style-type: none"> a. general condition 	<ul style="list-style-type: none"> a. If cracking, delamination or debonding is found contact AHCA.
C	<ul style="list-style-type: none"> - Visually inspect sealant between left hand and right hand cargo pods and airframe shown in Figure 1 for: <ul style="list-style-type: none"> a. deterioration/damage 	<ul style="list-style-type: none"> a. Clean area and reapply sealant, P/N PR1422- B2 in accordance with MTC, Chapter 20-05-01-206.
D	<ul style="list-style-type: none"> - Visually inspect sealant between around fixed cover, item 9 and mobile cover , item 3 shown in Figure 3 for: <ul style="list-style-type: none"> a. deterioration/damage 	<ul style="list-style-type: none"> a. Clean area and reapply sealant, P/N PR1422- B2 in accordance with MTC, Chapter 20-05-01-206.

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. INSPECTION SCHEDULE (continued)

- 4.1.1. Every 150 FH or 12 M (Margins: 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
E	<ul style="list-style-type: none"> - Visually inspect sealant between blanking plate, item 2 and left hand cargo pod shown in Figure 8 for: <ul style="list-style-type: none"> a. deterioration/damage 	<ul style="list-style-type: none"> a. Clean area and reapply sealant, P/N PR1422- B2 in accordance with MTC, Chapter 20-05-01-206.
F	<ul style="list-style-type: none"> - Visually inspect left hand and right hand strut assemblies, item 2, in Figure 2 for: <ul style="list-style-type: none"> a. secure installation b. correct operation 	<ul style="list-style-type: none"> a. Ensure that the door strut is connected correctly to door and cargo pod. b. If door strut does not hold the door in the open position, contact AHCA for replacement part.
G	<ul style="list-style-type: none"> - Test left hand and right hand door latches, item 5, shown in Figure 3 for: <ul style="list-style-type: none"> a. freedom of movement b. proper latching 	<ul style="list-style-type: none"> a. Clean and lubricate to restore freedom of movement. b. Adjust latch screw (7) and jam nut (8) as required to ensure even seal contact around perimeter of door and cargo pod flange. Refer to NOTE 1 in Figure 3.
H	<ul style="list-style-type: none"> - Perform functional test of locking latch assembly shown in Figure 3 for: <ul style="list-style-type: none"> a. proper locking function 	<ul style="list-style-type: none"> a. Clean and lubricate to restore proper locking function.
I	<ul style="list-style-type: none"> - Visually inspect p-seal, item 12 in Figure 3 and item 4 in Figure 4 for: <ul style="list-style-type: none"> a. debonding, cuts or cracking or loss of elasticity b. security 	<ul style="list-style-type: none"> a. If debonding, cuts or cracks or loss of elasticity are evident, contact AHCA for replacement p-seal (P/N 1.952N403). Trim as required to seal around door. Bond using adhesive (P/N 3M 847) in accordance with MTC Chapter 20-06-01-404. b. 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. INSPECTION SCHEDULE (continued)

4.1.1. Every 150 FH or 12 M (Margins: 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
J	<ul style="list-style-type: none"> - Visually inspect anti slip surface, item 8, on maintenance step and upper surface of cargo pod shown in Figure 5 for: <ul style="list-style-type: none"> a. general condition 	<ul style="list-style-type: none"> a. If anti slip surface appears worn in areas. Remove remaining surface, clean area and reinstall anti-slip surface (P/N 510 Black - 6").
K	<ul style="list-style-type: none"> - Check harness attachment to switches shown in Figure 6 for: <ul style="list-style-type: none"> a. security 	<ul style="list-style-type: none"> a. Secure as required.
L	<ul style="list-style-type: none"> - Visually inspect seal, item 3, between right hand cargo pod and EPU door in Figure 7 for: <ul style="list-style-type: none"> a. debonding, cuts or cracking or loss of elasticity b. security 	<ul style="list-style-type: none"> a. If debonding, cuts or cracks or loss of elasticity are evident, contact AHCA for replacement seal (P/N SC41-722-12 - 3/16" x 0.5"). Trim as required to seal around door. Bond using adhesive backing in accordance with MTC, Chapter 20-03-04-406. b. Secure as required.
M	<ul style="list-style-type: none"> - Check ground stud, item 4, shown in Figure 9 for: <ul style="list-style-type: none"> a. security 	<ul style="list-style-type: none"> a. If ground stud has become loose, clean contact area of all paint and primer. Torque to value 6.4 Nm \pm10%. Apply conductive protectant, item 10 .
N	<ul style="list-style-type: none"> - Visually inspect bonding jumper, item 3, shown in Figure 9 for: <ul style="list-style-type: none"> a. security b. cracking c. kinking 	<ul style="list-style-type: none"> a. If bonding jumper has become loose, clean contact area of all paint and primer. Re-tighten as required. Apply conductive protectant item 10. b. No cracking is allowed. Contact AHCA for replacement parts if cracking found. c. If kinking is found, adjust as required.

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

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

4.1.1. Every 150 FH or 12 M (Margins: 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	- Visually inspect data plate shown in Figure 10 for: a. security b. corrosion	a. Secure as required. b. If corrosion is found, clean in accordance with MTC, Chapter 20.04.03.401.
P	- Visually inspect placards and markings (refer to Section 10) for: a. legibility b. secure mounting	a. If placards have become illegible, contact AHCA for replacement parts. b. Secure, reattach placards 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

5. REPLACEMENT COMPONENTS AND REPAIR / OVERHAUL INFORMATION

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

For replacement components or repair information contact:

Airbus Helicopters Canada Limited
 1100 Gilmore Road, P.O. Box 250
 Fort Erie, Ontario L2A 5M9 Canada
 Telephone: (905) 871-7772

www.airbushelicopters.ca

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6. TROUBLESHOOTING

For electrical system troubleshooting refer to Figure 11 Cargo Pods Installation, Wiring Diagram, .

No.	Trouble Symptom	Probable Cause	Corrective Action
1	"DOOR" annunciator light remains ON when door is closed and latched.	Re- adjust micro switch	Add or remove washers (12) to allow the instrument warning light to extinguish. Refer to Figure 5.
		Failure with Cargo Pod door indicating system	Adjust micro switch installation as required. Refer to Figure 5, Flag NOTES 1 & 2.
		Failure in Warning/Caution Panel	Perform Fault Isolation - Warning Caution Panel, AS 350 B2/B3 AMM, Chapter 31- 51- 00, 1- 1.
		Faulty switch	Replace switch (P/N 2- 5445), make adjustments as per Figure 5, Flag NOTES 1 & 2. Verify operation in accordance with Section 8 B. REPLACEMENT 5 (excluding B2/B3) or 6 (B2/B3).

Table 2 Troubleshooting Guide

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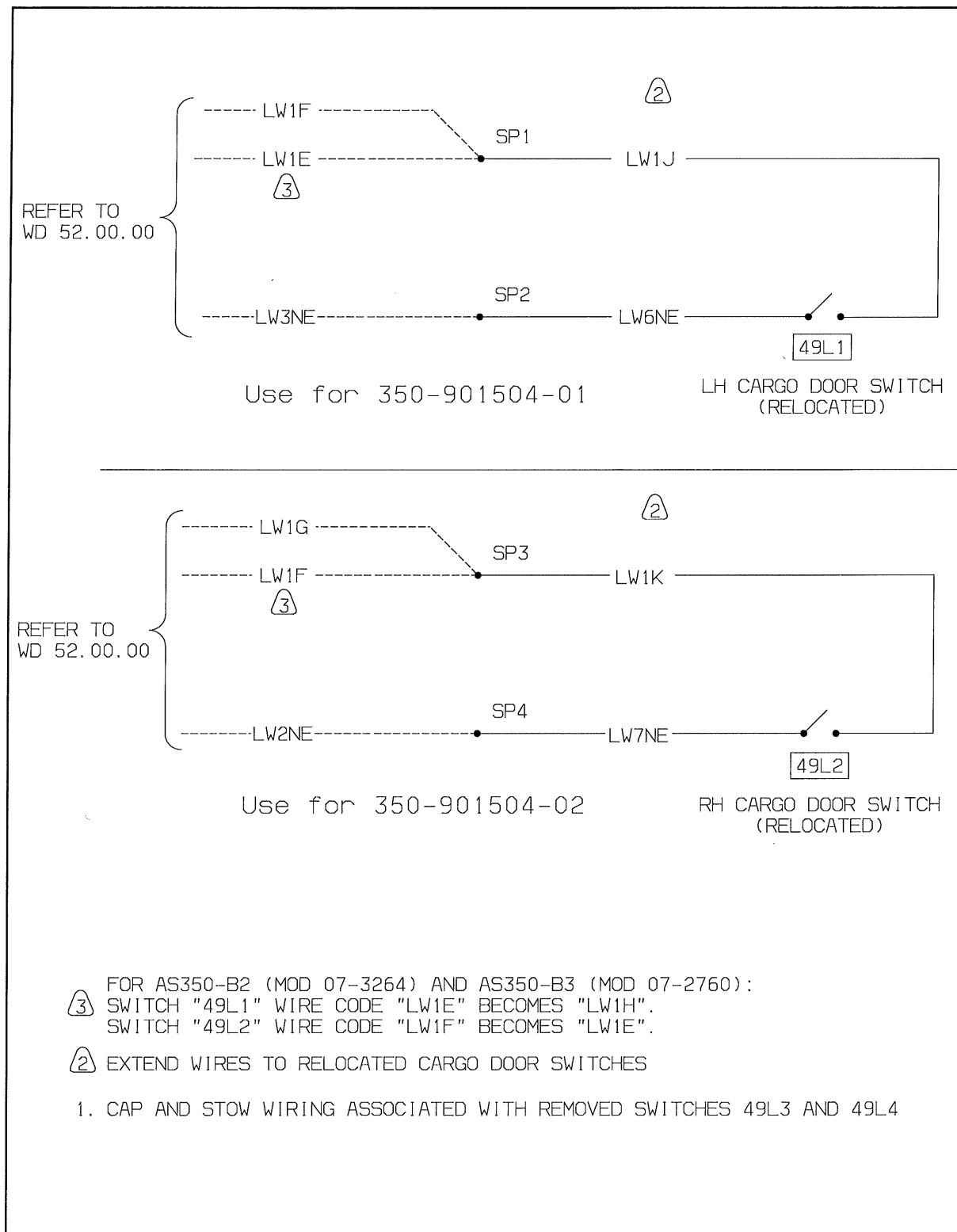
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Figure 11 Cargo Pods Installation, Wiring Diagram

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AIRBUS HELICOPTERS CANADA LIMITED**7. SPECIAL TOOLING**

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

8. REMOVAL AND REPLACEMENT**PRELIMINARIES****A. For AS 350 (excluding AS 350 B2/B3):**

- Read General Safety Instruction - Electrical Power Supply System, refer to AS 350 MET, Chapter 24.00.00.301.
- Comply with Instructions Applicable during Maintenance, refer to MTC, Chapter 20-07-03-401.
- Disconnect the external power in accordance with AS 350 MET, Chapter 24.00.00.301 (if applicable).
- Disconnect the battery in accordance with AS 350 MET, Chapter 24.30.00.401.
- Open and secure applicable circuit breakers/fuses before any servicing action.

B. For AS 350 B2/B3:

- Read General Safety Instruction - Electrical Power Supply System, refer to AS 350 AMM, Chapter 24-00-00,3-1.
- Comply with Instructions Applicable during Maintenance, refer to MTC, Chapter 20-07-03-401.
- Disconnect the external power in accordance with AS 350 AMM, Chapter 24-00-00, 2-1a PRE MOD 07-4280 or 24-00-00, 2-1b POST MOD 07-4280 (if applicable).
- Disconnect the battery in accordance with AS 350 AMM, Chapter 24-33-00,4-1.
- Open and secure applicable circuit breakers/fuses before any servicing action.

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AIRBUS HELICOPTERS CANADA LIMITED**8. REMOVAL AND REPLACEMENT (continued)****A. REMOVAL****1. CARGO POD (Refer to Figure 1)**

- a) Cargo Pod installation is a permanent installation.

2. CARGO POD DOOR (Refer to Figures 2 and 4)

- a) With the cargo pod door open, disconnect the strut assembly (2) from the ball stud (6) on the strut attachment bracket (3). Refer to Figure 2.
- b) Support the open door and remove screws (5, 8 places) that secure the door to the structural hinge (1) and remove the cargo pod door. Retain screws (5) for reinstallation. Refer to SECTION D - D in Figure 4.

3. DOOR LATCH ASSEMBLIES (Non-Locking or Locking, Refer to Figure 3)

- a) Remove sealant (11) from around edges of latch.
- b) With the cargo pod door open (or on a work bench) position the door latch assemblies (5) in the open position. Refer to SECTION C - C.
- c) Remove bolt (1) and washer (2) securing mobile cover (3).
- d) Remove bolt securing clamp assembly (4) and remove latch assembly (5).
- e) Retain all hardware for re-installation.

4. DOOR SWITCH (Refer to Figure 5)

- a) The cargo pod door must be in the open position.
- b) Disconnect wires from cargo pod door/micro switch (10).
- c) Remove screws (6, 2 places), washers (4, 2 places) and nuts (7, 2 places) that secure the switch support (1). Retain hardware for reinstallation.
- d) Remove the cargo pod door/micro switch (10) from switch support (1).

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AIRBUS HELICOPTERS CANADA LIMITED**8. REMOVAL AND REPLACEMENT (continued)**

NOTE: Use torque per MTC, Chapter 20-02-05-404, unless otherwise specified.

B. REPLACEMENT

References:

General Methods of Applying Sealing Compounds, refer to MTC, Chapter 20-05-01-102.

1. CARGO POD DOOR (Refer to Figures 2, 3 and 4)

- a) Position the cargo pod door into the pod. Once correctly aligned begin securing door to structural hinge (1) using screws (5, 8 places) while continually checking alignment. Refer to SECTION D - D in Figure 4.
- b) Close and latch cargo pod door.
- c) Secure strut assembly (2) to strut attachment bracket (3) and ball stud (6) on strut attachment bracket (3) on door. Refer to Figure 2.
- d) Adjust latch screw (7) and jam nut (8) to ensure even seal contact around the perimeter of the door and the cargo pod flange. Refer to NOTE 1 in Figure 3.

2. DOOR LATCH ASSEMBLIES (Non-Locking and Locking, Refer to Figure 3)

- a) With the cargo pod door open (or on a work bench), position door latch assemblies (5) (non-locking, 2 places and locking, 1 place) in the latch cutouts in cargo pod door assembly. Refer to Figure 3 for the locking latch assembly location.
- b) Align latch assembly (5) and clamp assembly (4) and secure using bolt. Apply thread locking compound (10) during installation. Refer to NOTE 2.
- c) Secure mobile cover (3) using bolt (1) and washer (2).

NOTE: Apply sealant (11) to faying surfaces in accordance with General Application of sealing compounds, refer to MTC, Chapter 20-05-01-102. Refer to NOTE 3.

NOTE: Fillet seal around edges of latch assembly (5) using sealant (11) in accordance with General Application of sealing compounds, refer to MTC, Chapter 20-05-01-102. Refer to NOTE 5.

3. CARGO POD DOOR SWITCH (Refer to Figures 5 and 6)

- a) Position door/micro switch (10) on switch support (1). Refer to Figure 5.
- b) With door open, secure door/micro switch (10), support (1) and spring (2) to pod using washers (4, 2 places), screws (6, 2 places) and nuts (7, 2 places).
- c) Connect micro switch wire routing LH and RH. Refer to NOTE 1 in Figure 6.
- d) With power ON and door closed and latched, ensure the "DOOR" annunciator light is OFF. Make adjustments by adding or removing washers (12). Refer to NOTE 1 in Figure 5.
- e) Once adjusted, apply thread locking compound (11) to bolt (5). Refer to NOTE 2.

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AIRBUS HELICOPTERS CANADA LIMITED**8. REMOVAL AND REPLACEMENT (continued)**

4. Close all areas opened for service in the PRELIMINARIES paragraph of this section.
5. For AS 350 (excluding AS 350 B2/B3)
 - Reconnect battery, AS 350 MET, Chapter 24.30.00.401.
 - Reconnect external power unit, AS 350 MET, Chapter 24.00.00.301 (if required).
 - Reference functional test - DC Power System in accordance with AS 350, MET, Chapter 24.30.00.501.
 - If LH and RH Cargo Pod installed:
With power ON
 - Ensure both LH and RH cargo pod doors are closed and verify that the "DOOR" annunciator light is OFF.
 - Open LH cargo pod door (RH cargo pod door closed) and ensure the "DOOR" annunciator light is ON when the door is open.
 - Check when door is closed and latched that "DOOR" annunciator light is OFF.
 - Repeat the sequence for the RH cargo pod door.
 - If only the LH or the RH Cargo Pod installed:
With power ON
 - Ensure the cargo pod door and the opposite side cargo compartment door are closed and verify that the "DOOR" annunciator light is OFF.
 - Open cargo pod door (opposite side cargo compartment door closed) and ensure the "DOOR" annunciator light is ON when the door is open.
 - Check when door is closed and latched that "DOOR" annunciator light is OFF.
6. For AS 350 B2/B3
 - Reconnect battery, AS 350 B2/B3 AMM, Chapter 24- 33- 00, 4- 1.
 - Reconnect external power unit, AS 350 B2/B3 AMM, Chapter 24- 00- 00, 2- 1 (if required).
 - Reference functional test - DC Power Supply System in accordance with AS 350 B2/B3, AMM, Chapter 24- 30- 00, 5- 1.
 - If LH and RH Cargo Pod installed:
With power ON
 - Ensure both LH and RH cargo pod doors are closed and verify that the "DOOR" annunciator light is OFF.
 - Open LH cargo pod door (RH cargo pod door closed) and ensure the "DOOR" annunciator light is ON when the door is open.
 - Check when door is closed and latched that "DOOR" annunciator light is OFF.
 - Repeat the sequence for the RH cargo pod door.
 - If only the LH or the RH Cargo Pod installed:
With power ON
 - Ensure the cargo pod door and the opposite side cargo compartment door are closed and verify that the "DOOR" annunciator light is OFF.
 - Open cargo pod door (opposite side cargo compartment door closed) and ensure the "DOOR" annunciator light is ON when the door is open.
 - Check when door is closed and latched that "DOOR" annunciator light is OFF.

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AIRBUS HELICOPTERS CANADA LIMITED
8. REMOVAL AND REPLACEMENT (continued)

7. Perform operational check of all systems that were serviced in accordance with the AS 350 Maintenance Manual or Aircraft Maintenance Manual procedures and the system's installation/operation manual.

9. WEIGHT AND BALANCE DATA
A. Removed Items

DESCRIPTION	WEIGHT		LONGITUDINAL ARM		LONGITUDINAL- MOMENT	
	kg	lbs	m	in	kg m	lb in
OEM Left Hand Cargo Door	-3.9	-8.7	3.51	138.0	-13.90	-1204.4
OEM Right Hand Cargo Door	-3.9	-8.7	3.51	138.0	-13.90	-1204.4
Total	-7.9	-17.4	3.51	138.0	-27.80	-2408.9

B. Added Items (Earlier Design)

DESCRIPTION	WEIGHT		LONGITUDINAL ARM		LONGITUDINAL- MOMENT	
	kg	lbs	m	in	kg m	lb in
Left Hand Cargo Pod (350-200814)	19.5	42.9	3.53	139.0	68.84	5964.8
Right Hand Cargo Pod (350-200824)	19.5	42.9	3.53	139.0	68.84	5964.8
Total	39.0	85.8	3.53	139.0	137.70	11930.0

OR

DESCRIPTION	WEIGHT		LONGITUDINAL ARM		LONGITUDINAL- MOMENT	
	kg	lbs	m	in	kg m	lb in
Left Hand Cargo Pod (350-201814)	17.2	37.9	3.53	139.0	60.72	5261.3
Right Hand Cargo Pod (350-201824)	17.4	38.3	3.53	139.0	61.42	5322.4
Total	34.6	76.2	3.53	139.0	122.10	10584.0

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AIRBUS HELICOPTERS CANADA LIMITED
9. WEIGHT AND BALANCE DATA

Lateral CG, applicable when only the left hand cargo pod is installed.

A. Removed Items

DESCRIPTION	WEIGHT		LATERAL ARM		LATERAL MOMENT	
	kg	lbs	m	in	kg m	lb in
OEM Left Hand Cargo Door	-3.9	-8.7	0.77	30.3	-3.05	-264.2
Total	-3.9	-8.7	0.77	30.3	-3.05	-264.2

B. Added Items

DESCRIPTION	WEIGHT		LATERAL ARM		LATERAL MOMENT	
	kg	lbs	m	in	kg m	lb in
Left Hand Cargo Pod (350-200814)	19.5	42.9	0.85	33.5	-16.58	-1436.3
Total	19.5	42.9	0.85	33.5	-16.58	-1436.3

OR

DESCRIPTION	WEIGHT		LATERAL ARM		MOMENT	
	kg	lbs	m	in	kg m	lb in
Left Hand Cargo Pod (350-201814)	17.2	37.9	0.85	33.5	-14.62	-1266.9
Total	17.2	37.9	0.85	33.5	-14.62	-1266.9

Lateral CG, applicable when only the right hand cargo pod is installed.

A. Removed Items

DESCRIPTION	WEIGHT		LATERAL ARM		LATERAL MOMENT	
	kg	lbs	m	in	kg m	lb in
OEM Right Hand Cargo Door	-3.9	-8.7	0.77	30.3	-3.05	-264.2
Total	-3.9	-8.7	0.77	30.3	-3.05	-264.2

B. Added Items

DESCRIPTION	WEIGHT		LATERAL ARM		LATERAL MOMENT	
	kg	lbs	m	in	kg m	lb in
Right Hand Cargo Pod (350-200824)	19.5	42.9	0.85	33.5	16.58	1436.3
Total	19.5	42.9	0.85	33.5	16.58	1436.3

OR

DESCRIPTION	WEIGHT		LATERAL ARM		LATERAL MOMENT	
	kg	lbs	m	in	kg m	lb in
Right Hand Cargo Pod (350-201824)	17.4	38.3	0.85	33.5	14.79	1281.6
Total	17.4	38.3	0.85	33.5	14.79	1281.6

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10. PLACARDS AND MARKINGS

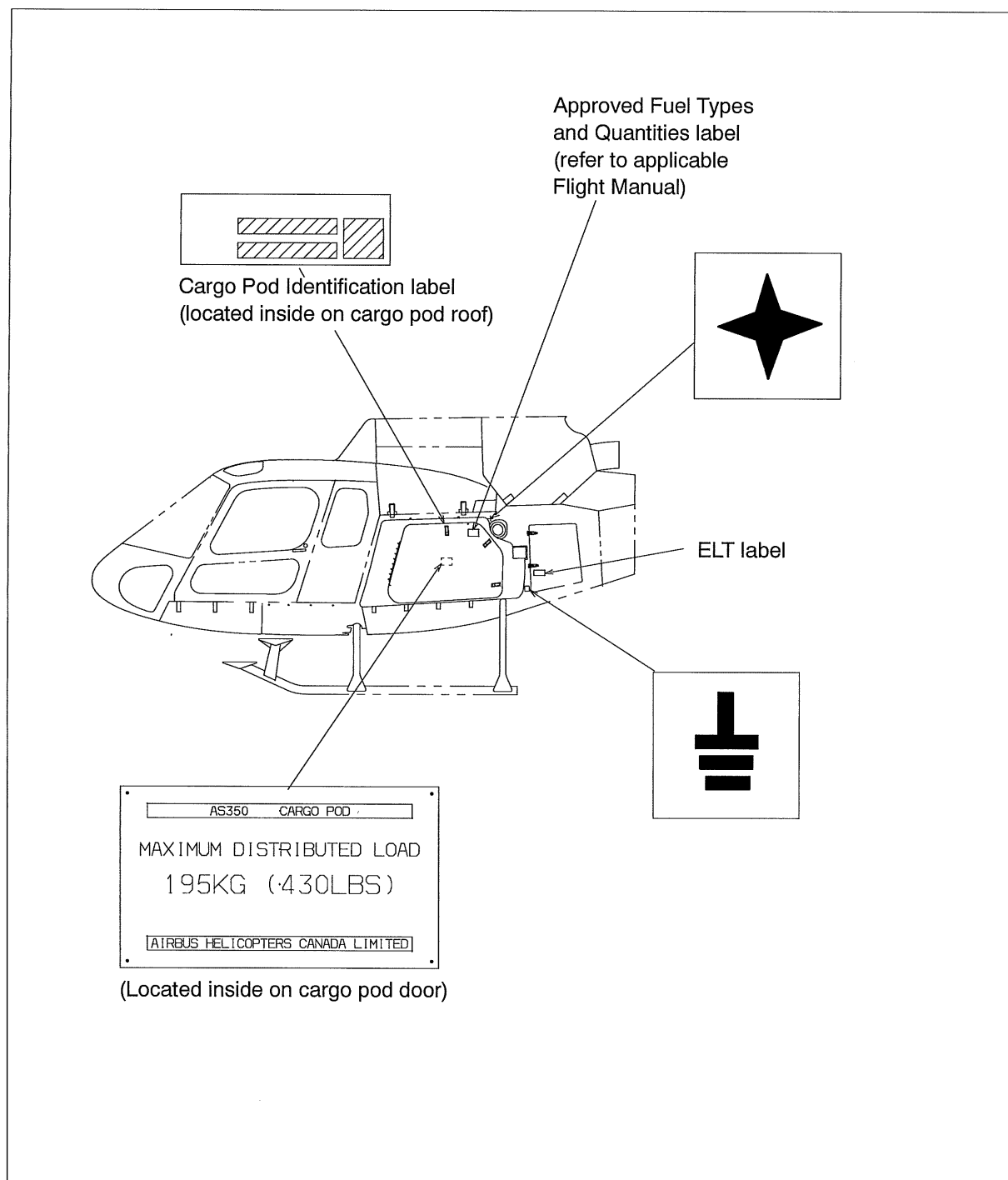


Figure 12 Markings located on LH cargo pod

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10. PLACARDS AND MARKINGS

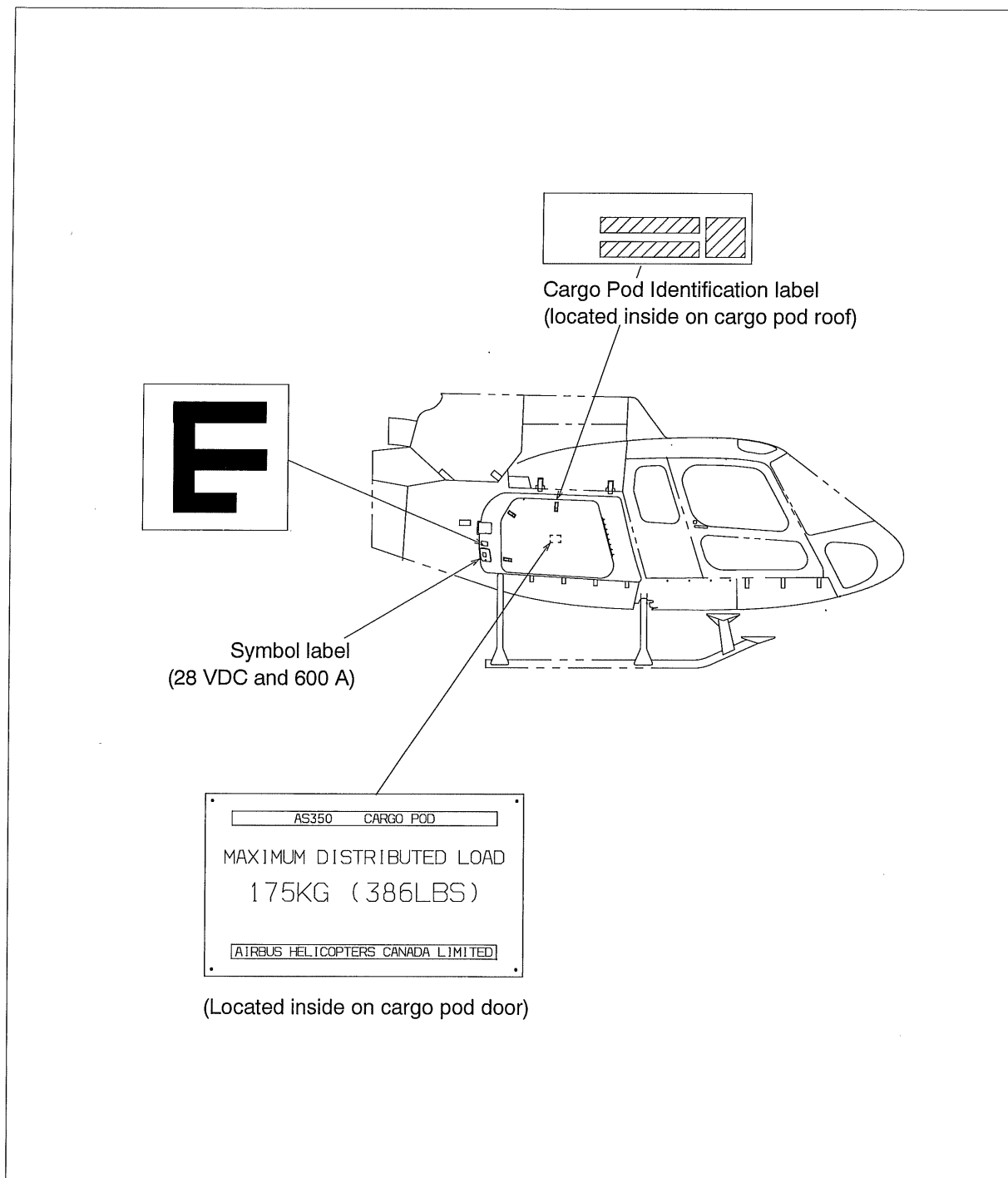


Figure 13 Markings located on RH cargo pod

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