

**SUBJECT: LEFT SIDE PILOT CONFIGURATION (P/N 350- 400004)**

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.

**APPLICABILITY:**

This Flight Manual Supplement shall be used when the Left Side Pilot Configuration (AS 350 BA/B2; Pre and Post Mod AMS 07- 3274; P/N 350- 400004), (AS 350 B2 Post Mod AMS 07- 3283/07- 4685; P/N 350- 400004) and (AS 350 B2; Post Mod AMS 07- 4280; P/N 350- 400004) is installed on the helicopter.

Department of Transport  
(Canada) Approved

IMPORTANT NOTE



THE INFORMATION AND DATA CONTAINED IN THIS DOCUMENT SUPERSEDE OR SUPPLEMENTS THAT CONTAINED IN THE BASIC APPROVED FLIGHT MANUAL FOR THE AS 350 HELICOPTER IN THOSE AREAS LISTED HEREIN. FOR LIMITATIONS, PROCEDURES AND PERFORMANCE NOT CONTAINED IN THIS DOCUMENT REFER TO THE APPROVED FLIGHT MANUAL AND OTHER APPLICABLE APPROVED FLIGHT MANUAL SUPPLEMENTS.

SECTIONS 2, 3, 4, AND 5 OF THIS DOCUMENT COMPRISE THE APPROVED FLIGHT MANUAL SUPPLEMENT. COMPLIANCE WITH SECTION 2, LIMITATIONS, IS MANDATORY.

SECTIONS 1 AND 6 ARE UNAPPROVED AND ARE PROVIDED FOR INFORMATION ONLY.

This document contains colour, it must be printed in colour.

THE INFORMATION CONTAINED IN THIS DOCUMENT SHALL BE TREATED AS THE PROPERTY OF AIRBUS HELICOPTERS CANADA LIMITED (AHCA). THE RECIPIENT OF THIS DOCUMENT SHALL NOT DISCLOSE ANY INFORMATION CONTAINED HEREIN TO THIRD PARTIES WITHOUT THE WRITTEN PERMISSION OF AHCA, AND SHALL NOT USE OR REPRODUCE THIS DOCUMENT IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ITS ORIGINALLY INTENDED PURPOSE, OR TO EVALUATE ITS CONTENTS.

	NAME AND SIGNATURE	DATE	COMPANY DEPARTMENT
PREPARED BY:	<b>D. Kerr</b>	Digitally signed by D. Kerr Date: 2023.05.05 10:29:03 -04'00'	AHCA ENGINEERING
PREPARED BY:			
CHECKED BY:	<b>Francois Millian</b>	Digitally signed by Francois Millian DN: cn=Francois Millian, ou=Flight Operations, ou=Head of Flight Operations, email=francois.millian@airbus.com, c=CA Date: 2023.05.08 11:59:44 -04'00'	AHCA HEAD OF FLIGHT OPERATIONS
CHECKED BY:	<b>Alexandra Guderley</b>	Digitally signed by Alexandra Guderley Date: 2023.05.05 14:56:29 -04'00'	AHCA ENGINEERING
APP'D/ACCEPTED (Civil A/W Authority)	See TCCA Stamp		TCCA
REV. 9 RELEASED BY:	<b>Loic Meuret</b>	Digitally signed by Loic Meuret Date: 2023.06.01 11:22:42 -04'00'	AHCA 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 2	Original Issue	H. Paulisch 9 April 1996	R. Manson 9 April 1996	TCCA G. David 12 April 1996	R. Manson 9 April 1996
1	1 through 2	Addition of text to Section 2. Limitations. (Page 2)	H. Paulisch		TCCA T. Gretton 21 May 1996	
2	1 through 2	Limitations and title page revised. (Pages 1 & 2)	H. Paulisch		TCCA T. Gretton 17 October 1996	
3	1 through 2	Updated page numbering. (Pages 1 to 2)	H. Paulisch 25 April 2002	C. Timmins 25 April 2002	TCCA E. Cheung 26 April 2002	R. Manson 26 April 2002
4	1 through 2	Addition of PRE & POST MOD AMS 07-3274 (Page 1)	D. Kerr 29 March 2010	C. Timmins 29 March 2010	TCCA G. David 11 March 2010	R. Manson 29 March 2010
5	1 through 2	NOTE referencing translation of AMS 07-3274. (Page 1)	D. Kerr 25 May 2010	C. Timmins 25 May 2010	TCCA G. David 20 May 2010	R. Manson 25 May 2010
6	1 through 10	Revised format. Addition of AMS 07-4280 Instrument Panel layout (Pages 3 - 10)	D. Kerr 24 October 2012	C. Timmins 29 October 2012	TCCA A. Pompei 29 October 2012	R. Manson 5 November 2012
7	1 through 12	Addition of POST MOD AMS 07-3283 which adds an idle stop and label to the throttle quadrant. Minor corrections. (Pages 3 to 10)	D. Kerr 25 July 2013	G. Krebs 25 July 2013	TCCA G. David 15 August 2013	P. Sharpe 9 September 2013
8	1 through 12	Revision to text: POST MOD AMS 07-3283 /07-4685. (Pages 4, 9 & 10)	D. Kerr 5 Sept. 2013	G. Krebs 9 Sept. 2013	TCCA G. David 24 Oct. 2013	P. Sharpe 25 Oct. 2013
9	1 through 13	Template revised. Emergency and Malfunction procedure for master caution light and GENE reset procedure added to Emergency Procedures. Addition of label to Pilot's Collective. Export Control statement added. (Pages 4 to 12)	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.

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

Transport Canada Approved

Export Control Classification Marking: 9E991

## CONTENTS

SECTION	TITLE	PAGE
1	GENERAL .....	4
2	LIMITATIONS .....	9
3	EMERGENCY AND MALFUNCTION PROCEDURES .....	11
4	NORMAL PROCEDURES .....	12
5	PERFORMANCE DATA .....	12
6	MASS AND BALANCE .....	13

## FIGURES

FIGURE	TITLE	PAGE
1	General Layout .....	4
2	Instrument Panel MOD, PRE MOD AMS 07-3274 (AS 350 BA and B2) .....	5
3	Instrument Panel MOD, POST MOD AMS 07-3274 (AS 350 B2) .	6
4	Instrument Panel MOD, POST MOD AMS 07-4280 (AS 350 B2) .	7
5	Identification label on the throttle quadrant and Pilot's Collective (AS 350 B2) .....	10
6	Procedure for GENE DC generator off line .....	11

Transport Canada Approved

Export Control Classification Marking: 9E991

## 1. GENERAL

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 General Layout, Figure 1.

With this modification installed, the pilot-in-command position is relocated from the RH side to the LH side of the aircraft. All flight instruments and flight controls, and the engine throttle, rotor brake, and fuel shut-off are relocated to the LH side. Refer to Figures 2, 3 and 4 for Instrument Panel layout.

The hand-held fire extinguisher, OAT probe, and load meter (if applicable) are also repositioned for pilot accessibility. For aircraft with load meters, a master caution light can be added near the load meter.

Additionally, the center console switch panel installation is modified so that it is flush with the instrument panel.

MOD AMS 07-4280 introduced upgrades to the pilot compartment with the installation of the new Multiblock Center Console for the AS 350 B2.

POST MOD AMS 07-3283/07-4685 added an idle stop to the throttle quadrant for the AS 350 B2.

**NOTE:** MOD AMS 07-3274 is not applicable to the AS 350 BA.

**NOTE:** For English translation of AMS 07-3274 refer to Airbus Helicopters Canada Limited Document Number DOC- E- 0048.

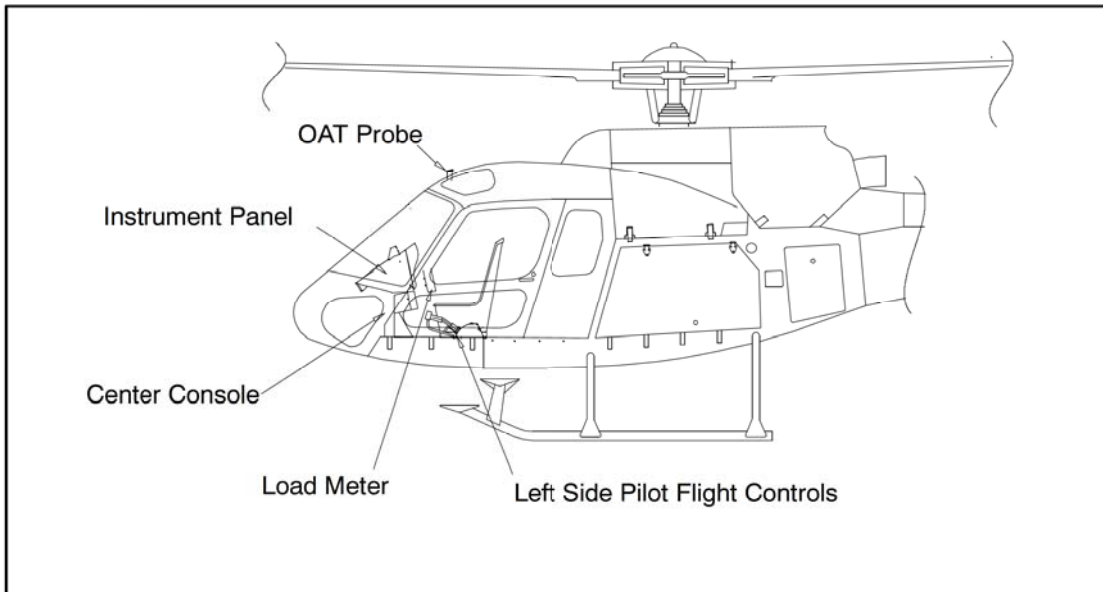


Figure 1 General Layout

Transport Canada - Unapproved

Export Control Classification Marking: 9E991

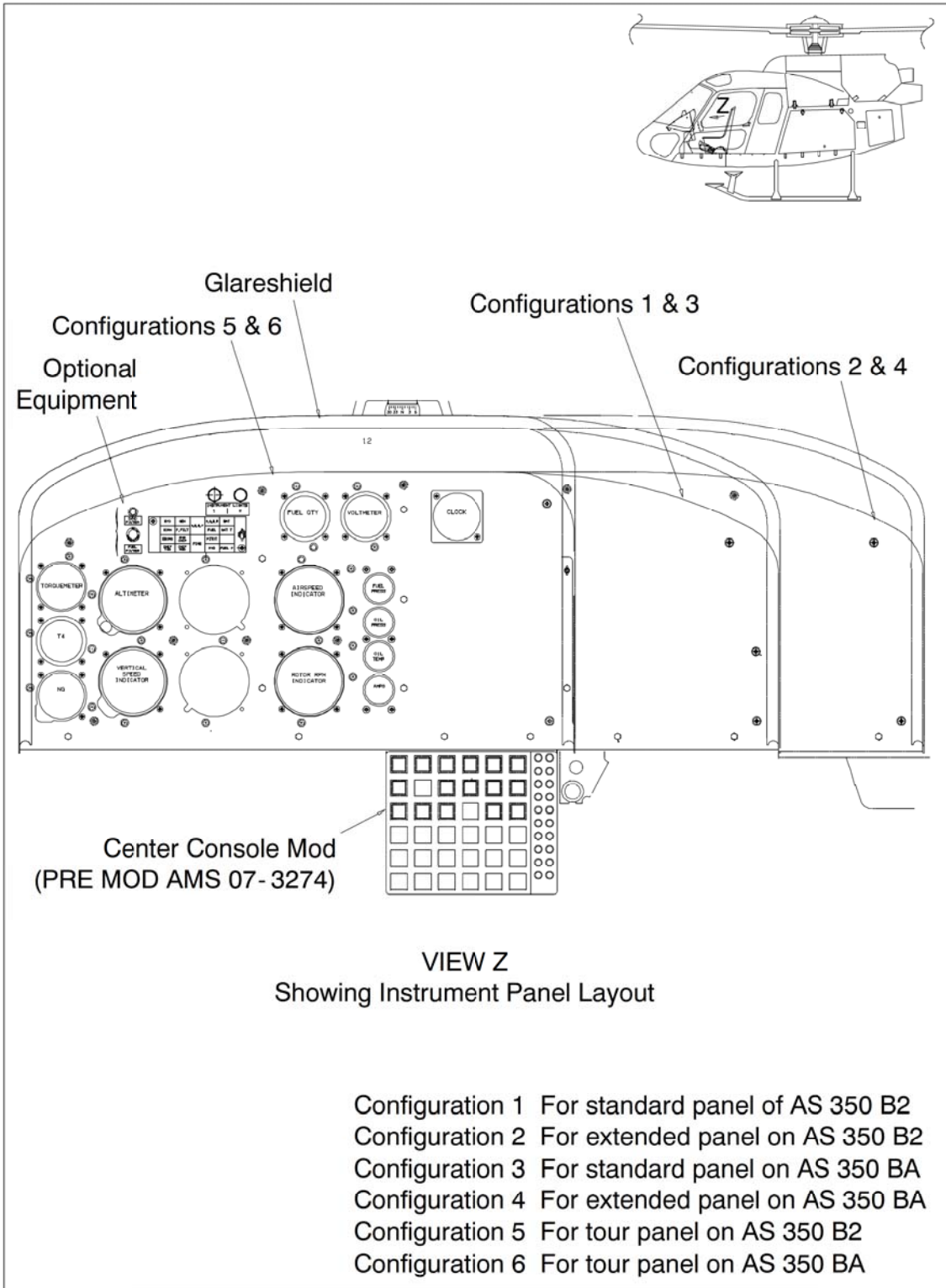


Figure 2 Instrument Panel MOD, PRE MOD AMS 07-3274 (AS 350 BA and B2)

Transport Canada - Unapproved

Export Control Classification Marking: 9E991

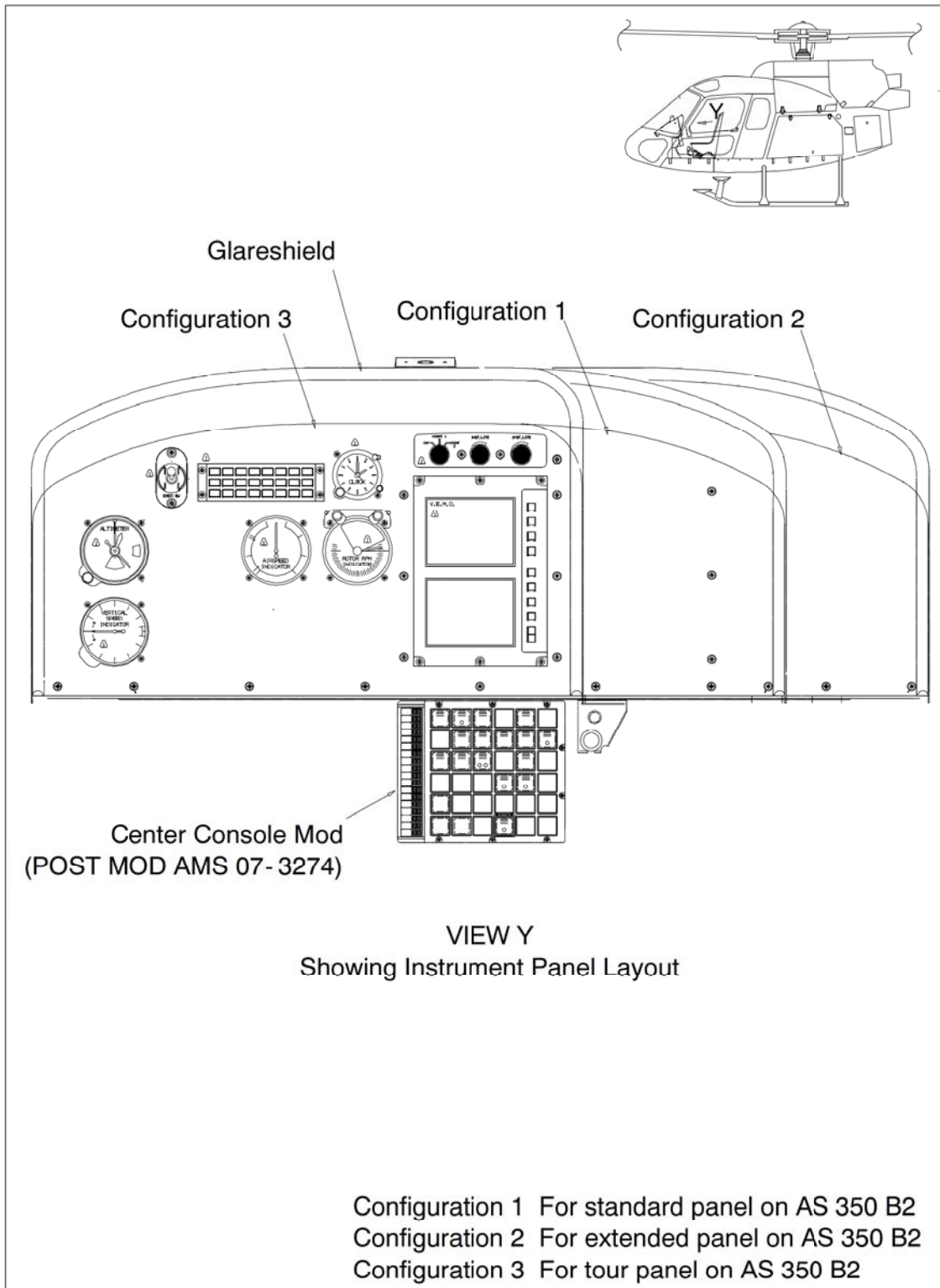


Figure 3 Instrument Panel MOD, POST MOD AMS 07-3274 (AS 350 B2)

Transport Canada - Unapproved

Export Control Classification Marking: 9E991

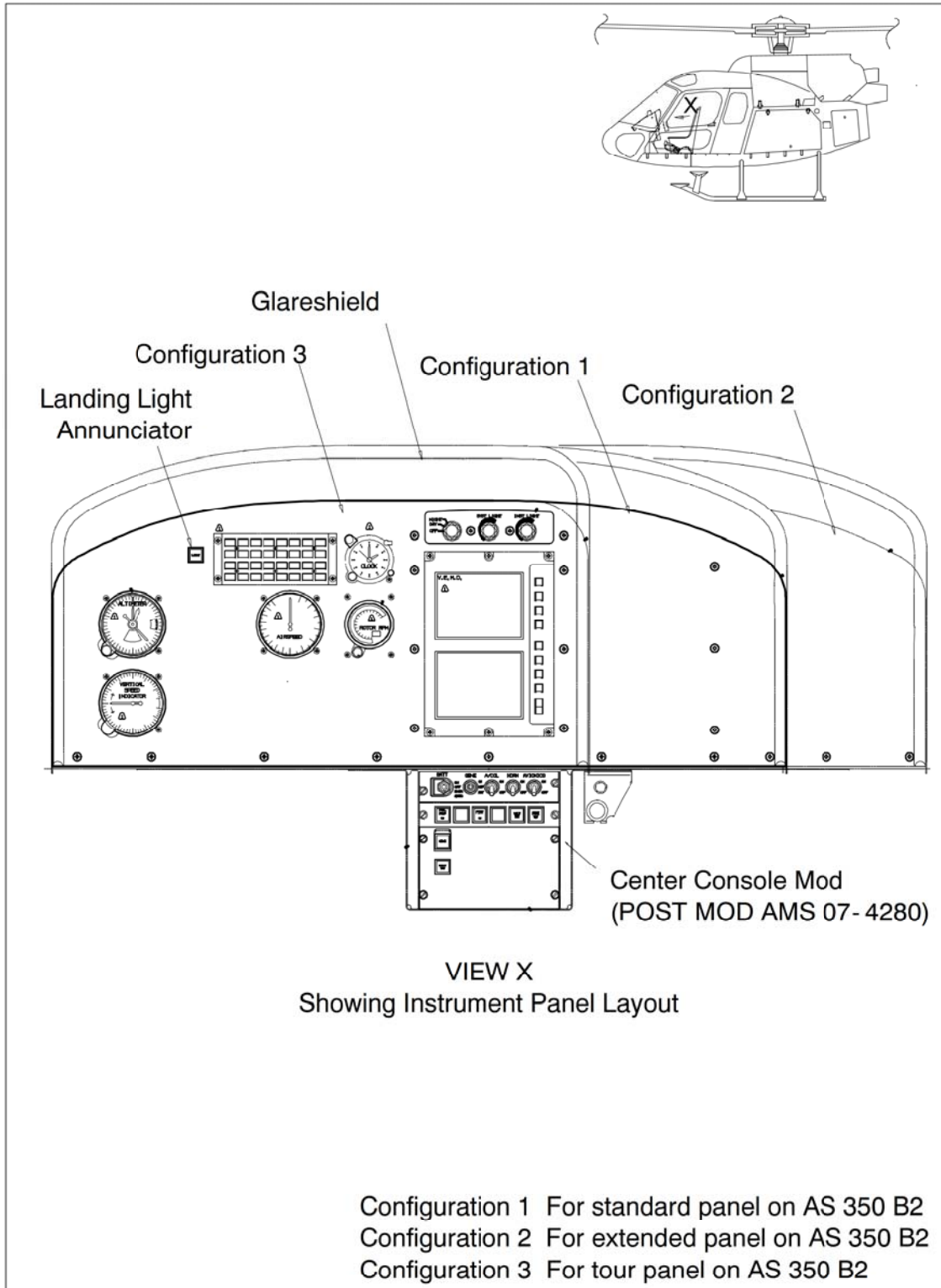


Figure 4 Instrument Panel MOD, POST MOD AMS 07-4280 (AS 350 B2)

Transport Canada - Unapproved

Export Control Classification Marking: 9E991

1. **GENERAL** (continued)

Abbreviations and Definitions

ABBREVIATION	DEFINITION
Acc'd	Accepted
AHCA	Airbus Helicopter Canada Limited
AMS	Avis de Modification
App'd	Approved
A/W	Airworthiness
CAR	Canadian Aviation Regulations
DAPM	Design Approval Procedures Manual
FMS	Flight Manual Supplement
LH	Left Hand
MDL	Master Drawing List
MOD	Modification Operational Equipment
OAT	Outside Air Temperature
P/N	Part Number
RH	Right Hand
S/N	Serial Number
STC	Supplemental Type Certificate
TCCA	Transport Canada Civil Aviation

Transport Canada - Unapproved

Export Control Classification Marking: 9E991



## 2. LIMITATIONS

With the Left Side Pilot configuration installed, Section 2 is changed as follows:

### a. Occupants

Minimum crew consists of one pilot in the left- hand seat.

### b. Type of Operations

If dual controls (AHCA drawing number 350- 400214) are installed, dual pilot operation is permitted on condition that the pilot- in- command is in the left- hand seat.

### c. Placards

- There are two placards associated with the Left Side Pilot Configuration.

1) Placard:



Location: Located on the throttle quadrant in view of pilot on the AS 350 B2. It is only applicable to POST MOD AMS 07- 3283/07- 4685. Refer to Figure 5.

2) Placard:



Location: Located on the pilot's collective in view of pilot on the AS 350 B2. It is only applicable to POST MOD AMS 07- 3084. Refer to Figure 5.

All other limitations specified in Section 2 of the basic Flight Manual remain applicable.

Transport Canada - Approved

Export Control Classification Marking: 9E991

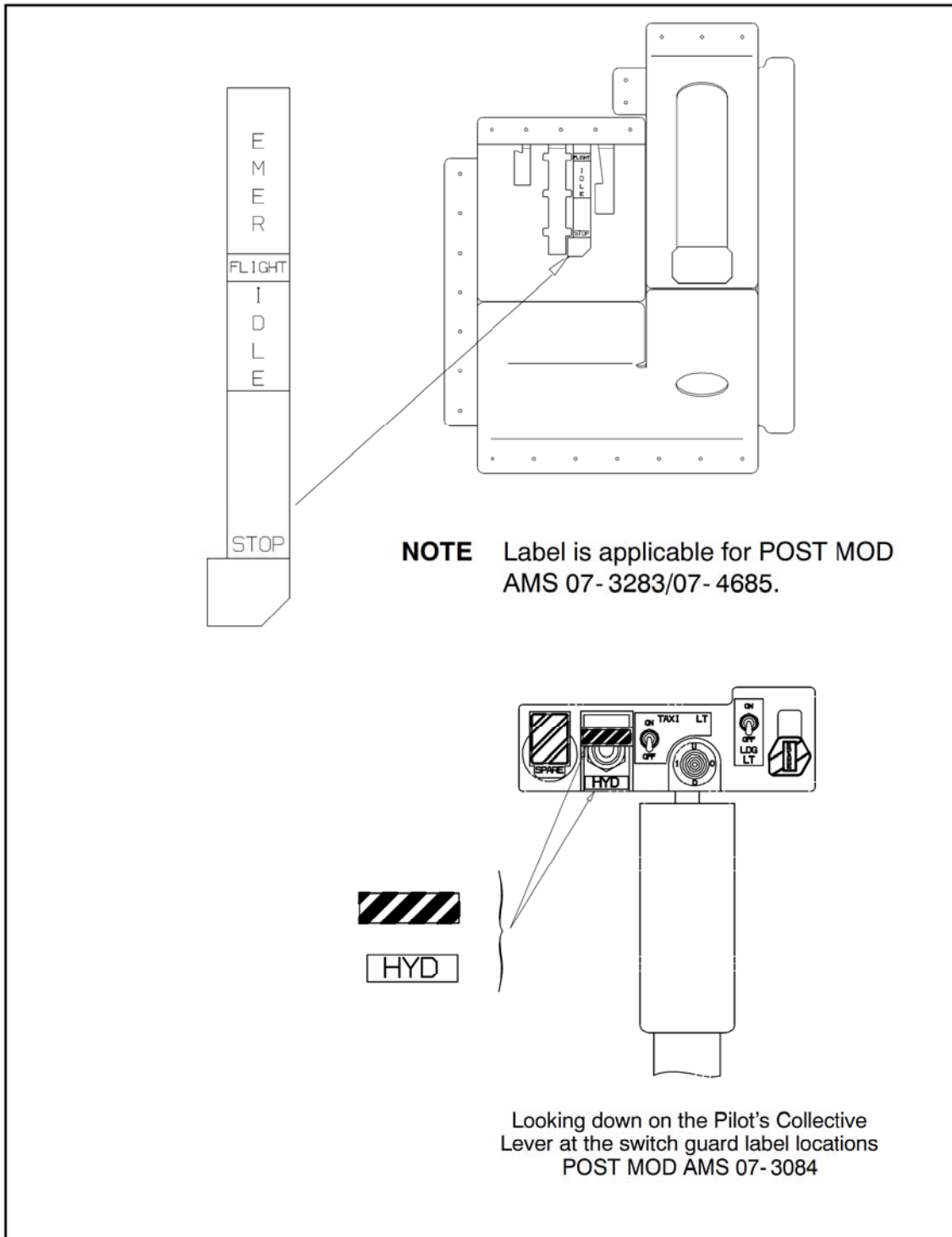


Figure 5 Identification label on the throttle quadrant and Pilot's Collective(AS 350 B2)

Transport Canada - Approved

Export Control Classification Marking: 9E991

### 3. EMERGENCY PROCEDURES

For aircraft with load meter and master caution arrangements:

- If the master caution illuminates - Check Caution and Warning panel, and follow standard Flight Manual procedures.

For aircraft POST MOD AMS 07-4280 (Refer to VIEW X in Figure 4):

- GENE light ON - Follow procedures for GENE DC generator off line in Figure 6.

**NOTE:** If the GENE annunciator light illuminates on the Caution and Warning Panel it indicates DC generator off line.

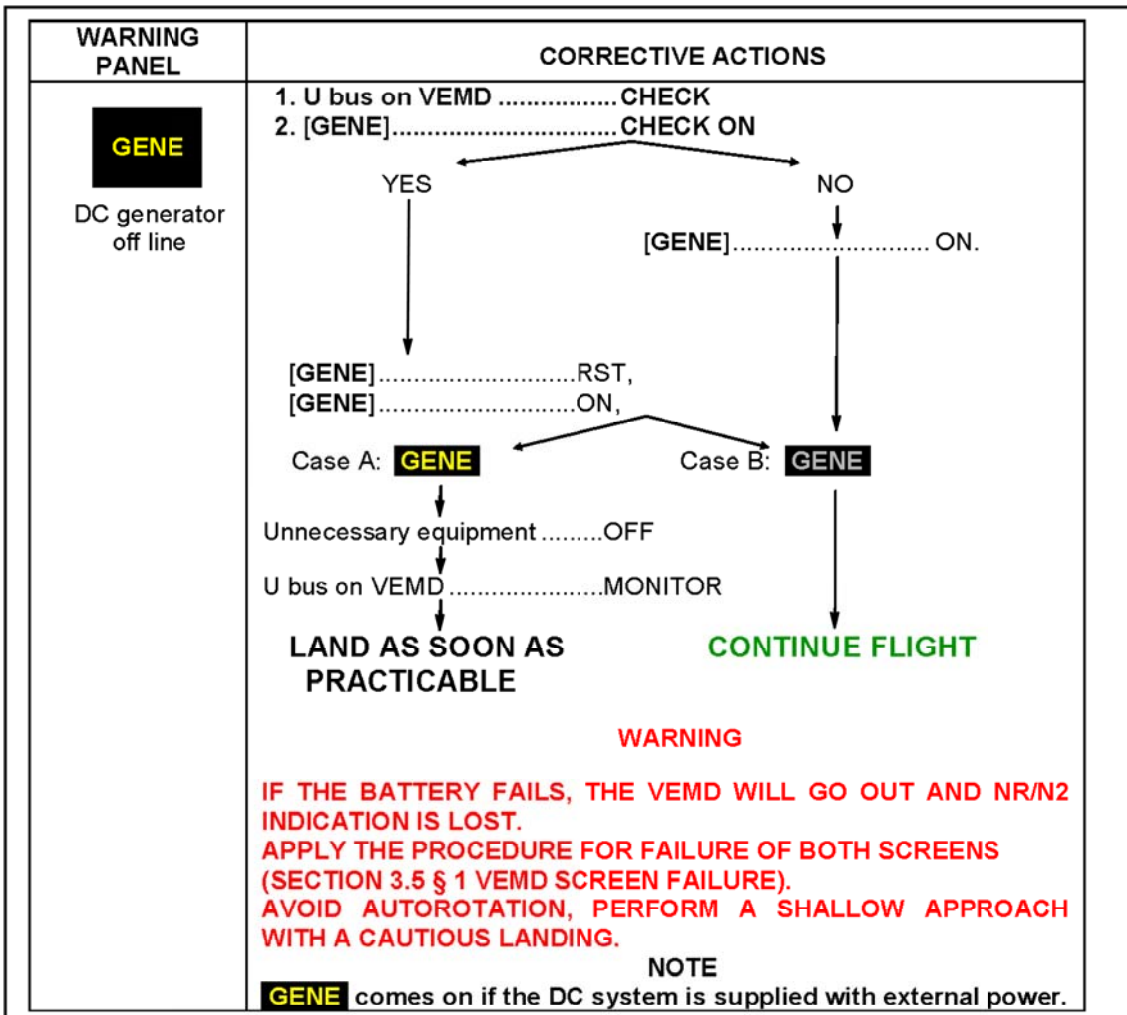


Figure 6 Procedure for GENE DC generator off line

Transport Canada - Approved

Export Control Classification Marking: 9E991

#### 4. **NORMAL PROCEDURES**

No change to existing approved Flight Manual.

#### 5. **PERFORMANCE DATA**

No change to existing approved Flight Manual.

Transport Canada - Approved

Export Control Classification Marking: 9E991

## 6. MASS AND BALANCE (removable items) (unapproved)

Total changes to weight and balance resulting from this modification are covered in the applicable Instructions for Continued Airworthiness.

Items that are removed between routine operations: Not applicable

Transport Canada - Unapproved

Export Control Classification Marking: 9E991