



SUBJECT: TWO PLACE FORWARD PASSENGER SEAT (P/N 350-200624)

The Two Place Forward Passenger Seat is offered together with ECL's Left-Side Pilot Configuration. When the two-place seat is mounted in lieu of the right hand pilot's seat the aircraft can carry seven persons.

APPLICABILITY:

This Flight Manual Supplement shall be used when the Two Place Forward Passenger Seat is installed on the helicopter.

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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.



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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 3	Original Issue	H. Paulisch	R. Walker 9 April 1996	TCCA G. David 12 April 1996	R. Manson 9 April 1996
1	1 through 3	Text revised. (Pages 2 & 3)	H. Paulisch	R. Walker	TCCA T. Gretton 17 October 1996	R. Manson
2	1 through 3	Weight and Balance chart expanded to uclude most aft position. (Page 3)	H. Paulisch 16 December 1996	R. Walker 17 December 1996	TCCA G. David 15 January 1997	R. Manson 23 January 1997
3	1 through 3	Weight and Balance chart revised. (Page 3)	H. Paulisch	R. Walker	TCCA G. David 4 April 1997	R. Manson
4	1 through 3	Addition of AS 350 B3. (Pages 1 to 3)	H. Paulisch 8 February 2000	R. Manson 6 April 2000	TCCA E. Cheung 15 February 2000	R. Manson 6 April 2000
5	1 through 3	Text revised in Section 2 regarding dual controls. (Page 2)	D. Kerr 1 August 2001	C. Timmins	TCCA E. Cheung 1 May 2002	R. Manson
6	1 through 7	Format revised. Weight and Balance chart revised. Addition of placard on Instrument Panel. (Pages 4 to 7)	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

The Two Place Forward Passenger Seat is a composite-structure double seat that is secured to fixed seat rails on the cabin floor, and is removable using the quick release fasteners. When the two-place seat is mounted in lieu of the right hand pilot's seat the aircraft can carry seven persons. To provide additional leg room for the center passenger, the complete center console structure is removed as part of the Left-Side Pilot Configuration. Refer to Figure 1 for General Layout.

A prerequisite to this installation is the Left-Side Pilot Configuration which must be installed in accordance with TCCA (Transport Canada Civil Aviation) STC (Supplemental Type Certificate) SH96-32.

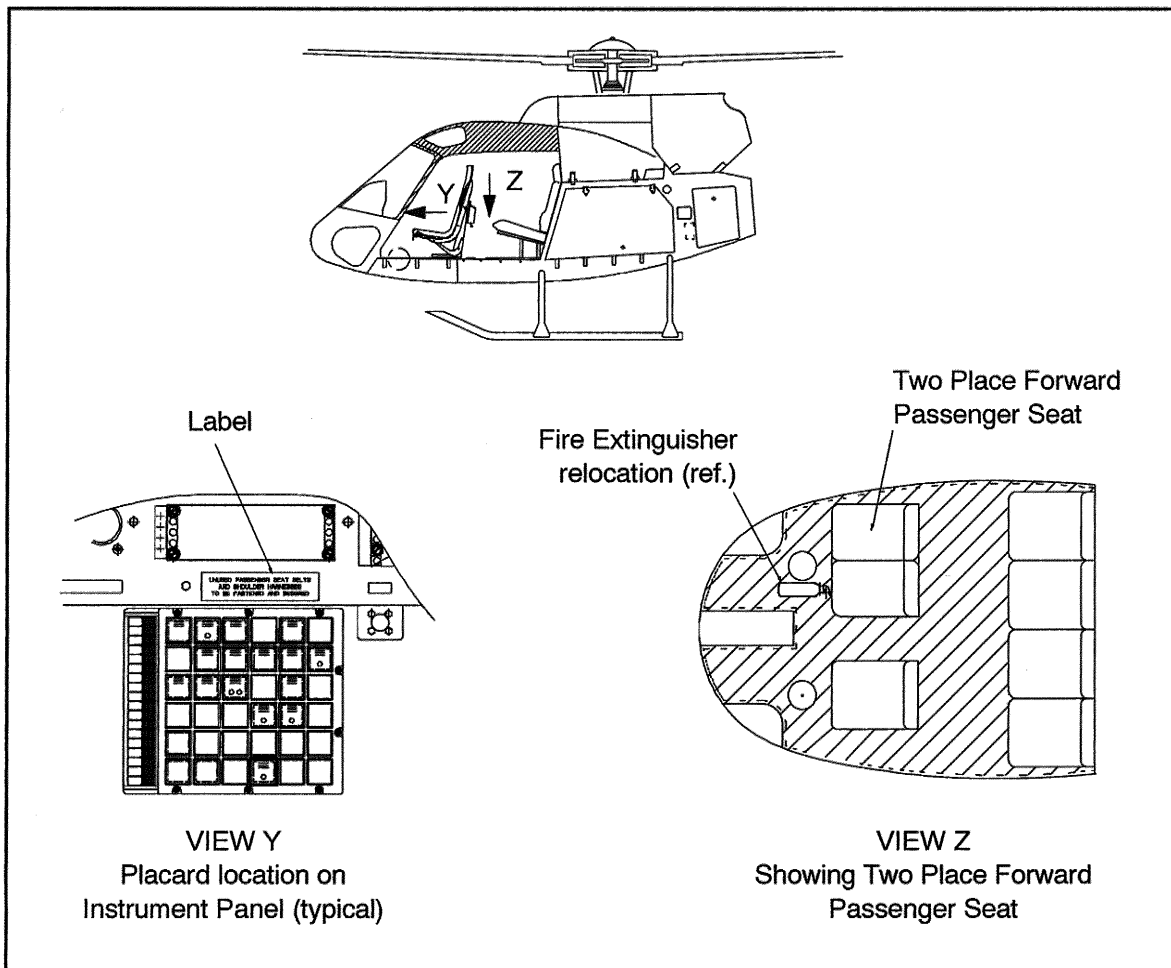


Figure 1 General Layout

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1. **GENERAL** (continued)

Abbreviations and Definitions

ABBREVIATION	DEFINITION
A/W	Airworthiness
AMM	Aircraft Maintenance Manual
CG	Center of gravity
EC	Eurocopter France
ECL	Eurocopter Canada Limited
MDL	Master Drawing List
MET	Maintenance Manual
MOD	Modification
PAI	Aircraft Certification Division
STC	Supplemental Type Certificate
TCCA	Transport Canada Civil Aviation

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2. LIMITATIONS

a. Operation

Installation of dual controls is prohibited.

b. **Occupants**

The maximum number of persons carried is increased to seven (including pilot)

c. **Placards**

There is one placard associated with the Two Place Forward Passenger Seat.

1) Placard:

UNUSED PASSENGER SEAT BELTS
AND SHOULDER HARNESSSES
TO BE FASTENED AND SECURED

Location: Located on the Instrument Panel in view of the pilot.
Refer to Figure 1.

3. EMERGENCY AND MALFUNCTION PROCEDURES

No change to existing approved Flight Manual.

4. NORMAL PROCEDURES

No change to existing approved Flight Manual. Special attention shall be paid to CG determination.

CAUTION CG LIMITS AT EMPTY WEIGHT ARE TO BE RE-DETERMINED IN ACCORDANCE WITH THE INFORMATION CONTAINED IN THE MET, CHAPTER 25.22.20.401 FOR AS 350 BA, AND IN THE AMM, CHAPTER 25-22-00, 4-2 FOR THE AS 350 B2/B3.

NOTE: Flying with one pilot, or with seven persons on board presents very significant difference in CG. It is imperative that this be checked in every configuration.

5. PERFORMANCE DATA

No change to existing approved flight Manual.

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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:

<u>A. Removable Items</u>						
DESCRIPTION	WEIGHT		ARM		MOMENT	
	kg	lbs	m	in	m.kg	in.lb
Double Seat Complete	-14.06	-31.0	1.70	66.9	-23.90	-2073.9
Seat Belt Bracket Assembly	-0.15	-0.3	1.82	71.7	-0.27	-21.5
Total	-14.21	-31.3	1.70	66.9	-24.18	-2095.4

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