EUROCOPTER CANADA LIMITED

HIGH VISIBILITY DOORS MAINTENANCE MANUAL SUPPLEMENT AS 350

SUBJECT: HIGH VISIBILITY DOOR (P/N 350-202014)

The High Visibility Doors comprise extra large Windows on LH and RH FWD and AFT doors, for improved visibility.



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RECORD OF REVISIONS

Revi- sion	Pages with this Issue Number	Description and Reason (& page nos. that have changes)	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 6	Original Issue	H. Paulisch 23 August, 2000	C. Timmins 23 August, 2000	N/A	R. Manson 23 August, 200
1	1 through 7	Changes to Inspection Requirements	D. Kerr 9 Sept., 2003	C. Timmins 9 Sept., 2003	TCCA E. Cheung 14 April, 2004	R. Manson 14 April 2004
2	1 through 9	1 Changes to pages 1 to 9. Description, Inspection Requirements, Removal and Installation revised as per FAA request	See page 1.	See page 1.	See page 1.	See page 1.
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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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LIST OF ABBREVIATIONS

ABBREVIATIONS OR SYMBOL	DEFINITION	
EC	Eurocopter	
ECL	Eurocopter Canada Limited	
P/N	Part Number	
RH	Right Hand	
LH	Left Hand	
мм	Maintenance Manual	
FWD	Forward	
AFT	Aft	





A. DESCRIPTION

- High Visibility Doors are installed to improve the visibility for helicopter occupants such as tour operators. The High Visibility Doors comprise extra large Windows on LH and RH FWD and AFT doors. The doors are equipped with standard AS 350 door latches, hinges, handles, and hardware and are interchangeable with the standard AS 350 doors. Installation of the High Visibility Doors can be in any combination such as:
 - · All 4 standard doors replaced.
 - · Any combination of standard doors being replaced.

 FWD LH and FWD RH doors replaced and both AFT doors removed Refer to STC SH96-113 and

FMS-ECL-10

This Maintenance Manual Supplement covers the required maintenance action for the High Visibility Doors (P/N 350-202014).

B. AIRWORTHINESS LIMITATIONS

There is no airworthiness limitation for this installation.

C. INSPECTION REQUIREMENTS

NO.	INSPECTION OR MAINTENANCE WORK	INTERVAL	REMARKS
1	Visually inspect High Visibility Doors for condition and damage	Every 100 flight hours to coincide with the 100 hrs helicopter inspection	Repair as necessary
2	Visually inspect door hinges and door latching mechanism for correct operation	Every 100 flight hours to coincide with the 100 hrs helicopter inspection	Apply grease (G354 or G361) to hinge pins, reference drawing number 350–202014 for adjusting latching mechanism
3	Perform functional test of the door locking mechanism a. For freedom of movement of the key and/or locking mechanism	Every 100 flight hours to coincide with the 100 hrs helicopter inspection	Clean and lubricate with grease (G354 or G361) to restore freedom of movement
4	Visually inspect door jettison mechanism for correct operation	Every 100 flight hours to coincide with the 100 hrs helicopter inspection	Apply grease (G354 or G361) to hinge pins,adjust jettison mechanism accordance with EC, MM, Volume 3, Chapter 52.10.00.501
5	Check that force required for jettison door does not exceed maximum load of 35 kg (77.17 lbs)	Every 100 flight hours to coincide with the 100 hrs helicopter inspection	Adjust jettison mechanism and lubricate using G354 or G361 grease as necessary
6	Visually inspect window seal for proper seating and condition. a. If window seal found too porous	Every 100 flight hours to coincide with the 100 hrs helicopter inspection	a. Replace window seal in accordance with EC, MM, Volume 3, Chapter 52.00.00,401

Table 1 Inspection Schedule

MMS-ECL-35



D. OVERHAUL REQUIREMENTS

There is no overhaul requirement for this installation.

E. REMOVAL

NOTE: For Removal of the high visibility doors, refer to drawing number 350-202014.

NOTE: For Removal of high visibility windows, refer to AS 350 Maintenance Manual, Volume 3,

Chapter 52.00.00.401.

F. INSTALLATION

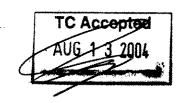
NOTE: For Installation of the high visibility doors, refer to drawing number 350-202014.

NOTE: For Installation of high visibility windows, refer to AS 350 Maintenance Manual, Volume 3,

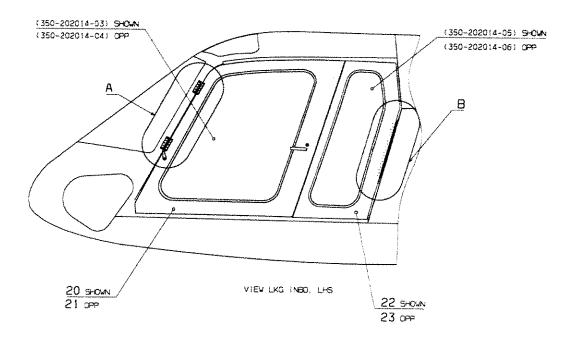
Chapter 52.00.00.401.

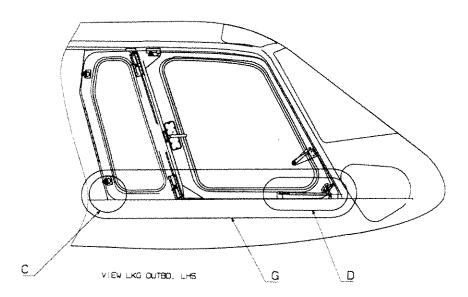
G. PLACARDS

There are no placards required for this installation.









LEGEND: 20

LH FWD DOOR ASSEMBLY

21 RH FWD DOOR ASSEMBLY

22 LH REAR DOOR RH REAR DOOR

Figure 1 High Visibility Door Assembly

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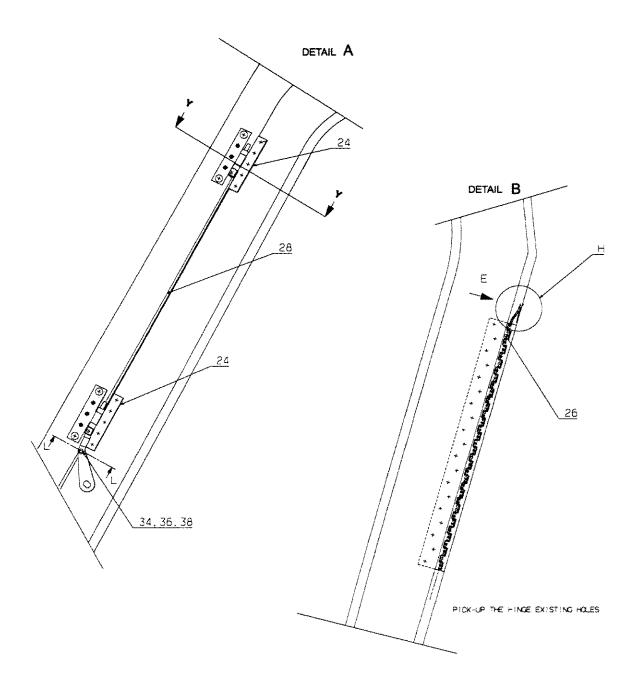
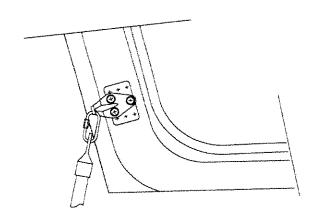


Figure 2 High Visibility Door Assembly- Installation (Sheet 1 of 3)

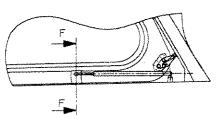
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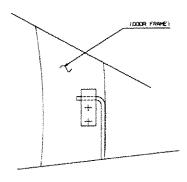




DETAIL D



VIEW E



SECTION F - F

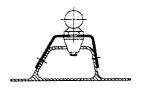
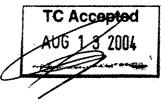
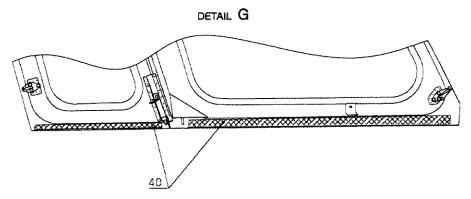


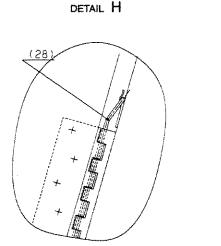
Figure 2 High Visibility Door Assembly- Installation (Sheet 2 of 3)

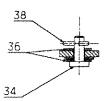




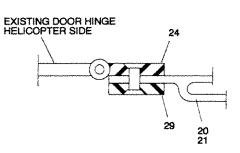


SECTION L - L





SECTION Y - Y



LEGEND: 20 LH Fwd Door Assembly 21 RH Fwd Door Assembly 24 Hinge , Half (Fwd Door) 26 Hinge, Half (Rear Door) 28 Door Assembly, Upper

29 Hinge Doubler 34 Pin, Plain 36 Washer 38 Pin, Split 40 Seal



