



EUROCOPTER CANADA LIMITED

SUBJECT: CARGO MIRROR INSTALLATION (P/N 350-200254/64)

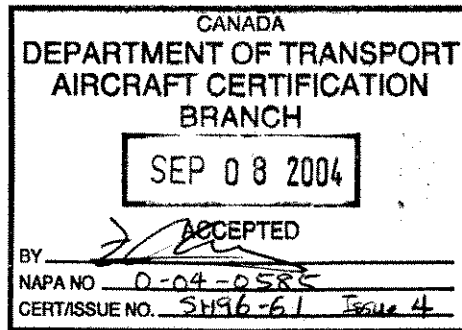
This Instruction for Continued Airworthiness defines the required maintenance for aircraft with the subject modification installed.

The installation of the Cargo Mirror Installation consists of fixed provisions and detachable parts for left-hand and/or right-hand installation of cargo mirrors. One or two small mirrors can be mounted to the front of the support.

NOTE: The installation of LH and RH cargo mirror used simultaneously is prohibited under FAA STC SR00457NY.

APPLICABILITY :

This Instruction for Continued Airworthiness must be used when the subject Cargo Mirror Installation is installed on the helicopter.



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	NAME AND SIGNATURE	DATE	COMPANY DEPARTMENT
PREPARED BY:	D. Kerr <i>[Signature]</i>	8 Sept. /04	ECL ENGINEERING
PREPARED BY:			
CHECKED BY:	C. Timmins <i>[Signature]</i>	8 Sept. 04	ECL ENGINEERING
CHECKED BY:	M. Merritt <i>[Signature]</i>	2004-09-08	ECL QUALITY ASSURANCE
APP'D / ACCEPTED (Civil A/W Authority)	(SEE TCCA STAMP)		TCCA
RELEASED BY:	R. Manson <i>[Signature]</i>	8 Sept '04	ECL ENGINEERING

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1. GENERAL

A. The Cargo Mirrors have detachable provisions that can be removed according to mission. For instructions for initial installation, see drawing number 350-200254/64.

The cargo mirror installation consists of:

- 1) The fixed provisions consists of three fixed mounting points:
 - a) the windshield frame
 - b) the nose access panel
 - c) the cheek window frame
- 2) The removable parts are:
 - a) tubular mirror support
 - b) the mirror assembly
- 3) The installation is possible in the following configurations:
 - 01 - used for low ECL mirror configuration
 - 02 - used for low EC mirror configuration
 - 03 - used for standard ECL mirror configuration
 - 04 - used for standard EC mirror configuration

B. This Instruction for Continued Airworthiness on AS 350 helicopters covers the required maintenance action for the Cargo Mirror Installation LH/RH (P/N 350-200254/64).

C. For weight and balance data of the Cargo Mirror Installation LH/RH, see drawing number 350-200254/64.

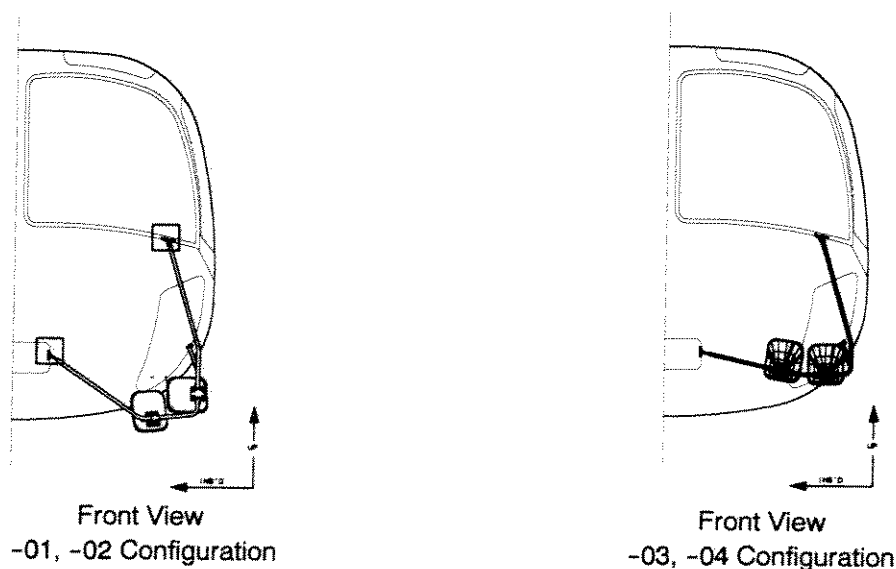
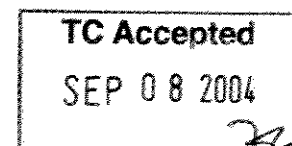


Figure 1 Cargo Mirror Installation LH/RH Location

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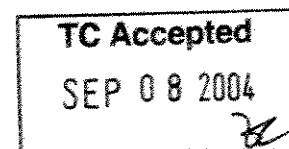
1.1 REFERENCES

DOCUMENT	DOCUMENT TITLE
MET	Maintenance Manual
MTC	Standard Practices Manual

1.2 LIST OF ABBREVIATIONS

ABBREVIATIONS OR SYMBOLS	DEFINITION
ECL	Eurocopter Canada Limited
EC	Eurocopter (France)
P/N	Part Number
LH	Left Hand
RH	Right Hand

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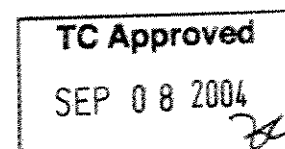


2. AIRWORTHINESS LIMITATIONS

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.

No airworthiness limitations associated with this installation.

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3. CONTROL AND OPERATION

Not applicable.

4. INSPECTION SCHEDULE AND MAINTENANCE ACTION

NO.	INSPECTION OR MAINTENANCE WORK	INTERVAL	ACTION
A	Visually inspect Cargo Mirror Installation for: a. general condition b. secure installation	Before the first flight of each day	a. Minor repairs may be accomplished in accordance with EC MTC, Volume 3, Chapter 20.03.07.101, or AC 43.13-1B, Chapter 3, Section 3.1 - 3.4. For major repairs, contact ECL or local airworthiness authority. b. Ensure screws are torqued in accordance with EC MTC, Volume 2, Chapter 20.02.05.404.
B	Visually inspect Cargo Mirror Installation assembly attachment points for: a. cracks or deformation b. corrosion	Every 100 flight hrs or 12 months to coincide with the 100 hrs or 12 month helicopter inspection	a. If cracks or deformation are found, contact ECL for replacement parts. b. Repair as required in accordance with EC MTC, Volume 3, Chapter 20.04.03.401
C	Visually inspect sealant at base of tubular clamp on mirror for: a. deterioration	Every 100 flight hrs or 12 months to coincide with the 100 hrs or 12 month helicopter inspection	a. Clean area and reseal with PS870B2 or PRC1422 B1/2 or PRC1422 B2 in accordance with EC, MTC, Volume 4, Chapter 20.05.01.219

Table 1 Inspection Schedule

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4. INSPECTION SCHEDULE AND MAINTENANCE ACTION (continued)

NO.	INSPECTION OR MAINTENANCE WORK	INTERVAL	ACTION
D	Visually inspect mounting screws for: a. security	Every 100 flight hrs or 12 months to coincide with the 100 hrs or 12 month helicopter inspection	a. Torque in accordance with MTC, Volume 1, Chapter 20.02.05.404
E	Visually inspect all mounting hardware at lower out-board edge of windshield for: a. security	Every 100 flight hrs or 12 months to coincide with the 100 hrs or 12 month helicopter inspection	a. Torque windshield mounting screws in accordance with EC, MET, Volume 3, Chapter 53.00.00.401

Table 1 Inspection Schedule

5. TROUBLESHOOTING

No troubleshooting associated with this installation.

6. OVERHAUL REQUIREMENTS

No overhaul requirements for this installation.

7. SPECIAL TOOLING

Not applicable

8. REMOVAL

Refer to Figure 2 (Sheet 2 of 3 and Sheet 3 of 3)

A. Remove self-locking nuts (2), bolts (11), and washers (14) from fixed bracket (5) locations. Remove and store mirror support (1), mirror assembly (6 or 7) and mounting hardware for future use.

9. INSTALLATION

Refer to Figure 2 (Sheet 2 of 3 and Sheet 3 of 3)

A. Position mirror support (1) to fixed bracket (5) locations, and secure using self-locking nuts (2), bolts (11), and washers (14).

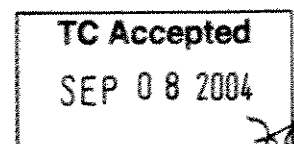
B. With a person sitting in flight position, adjust both mirrors for maximum visibility and secure mirror clamps.

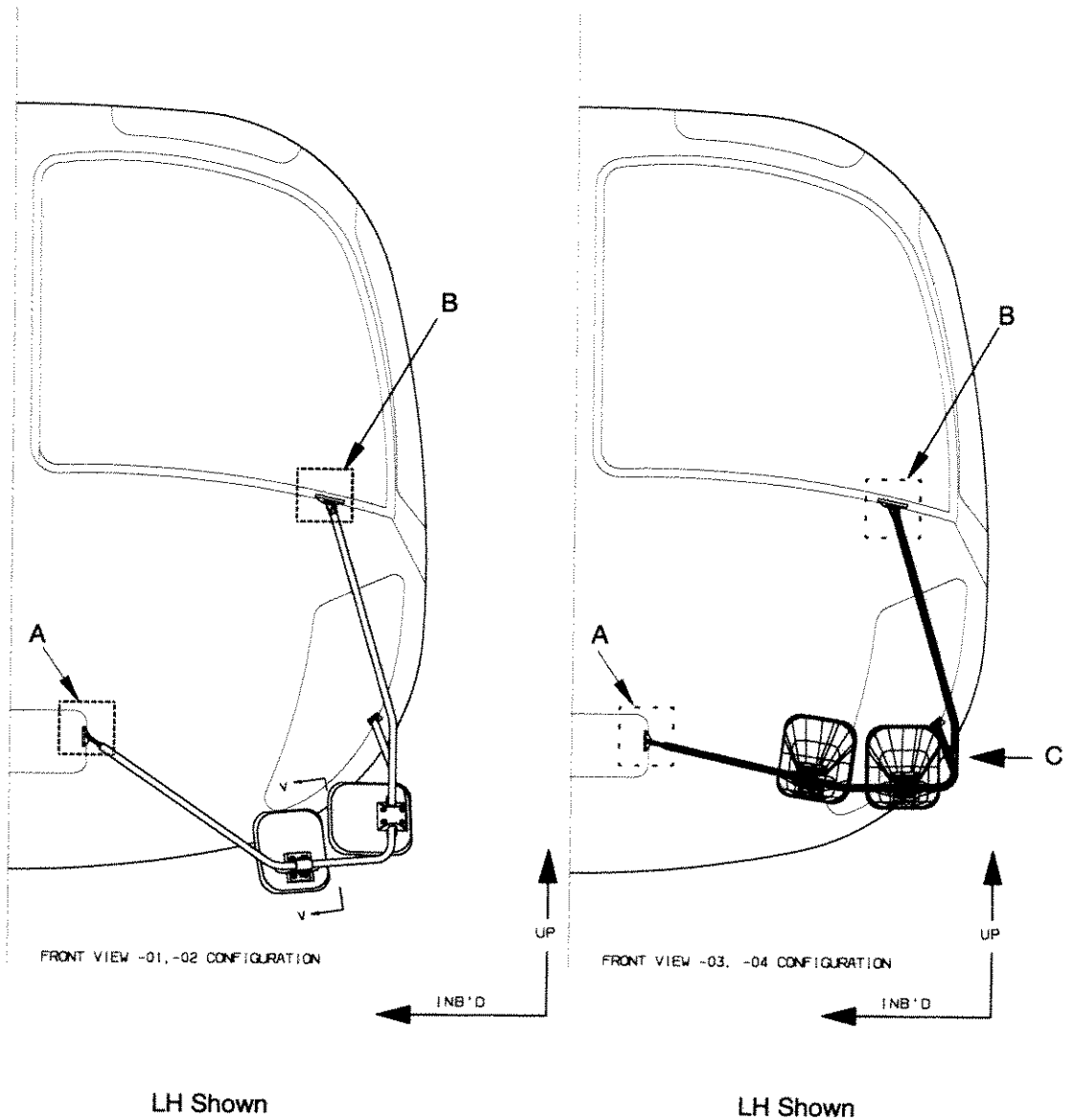
C. Ensure that the tubular shim (12) is rotated 90° from tube clamp (10) to allow for correct clamping action.

10. PLACARDS AND MARKINGS

No placards or markings required for this installation.

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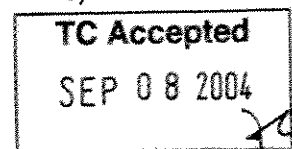


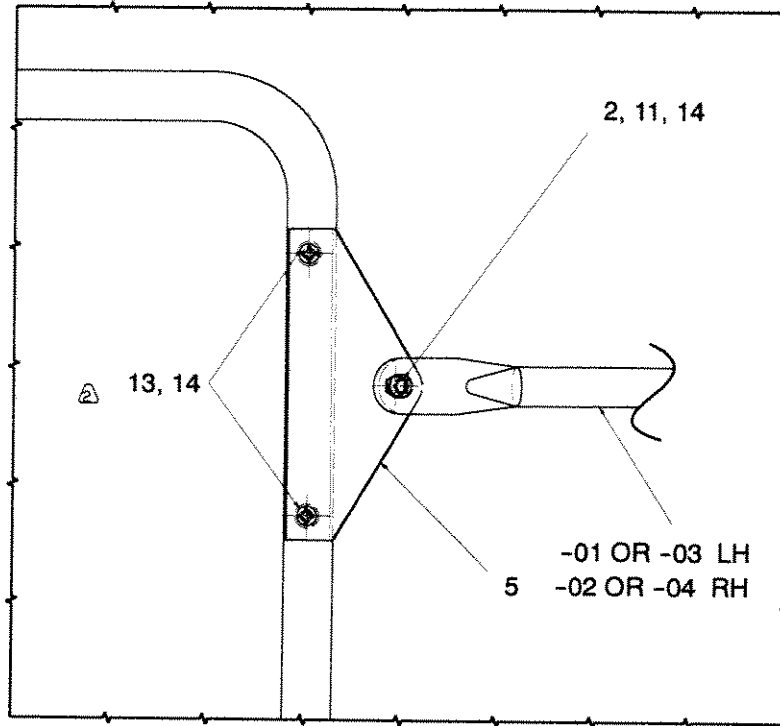


- 01 - used for low ECL mirror configuration
- 02 - used for low EC mirror configuration
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- 04 - used for standard EC mirror configuration

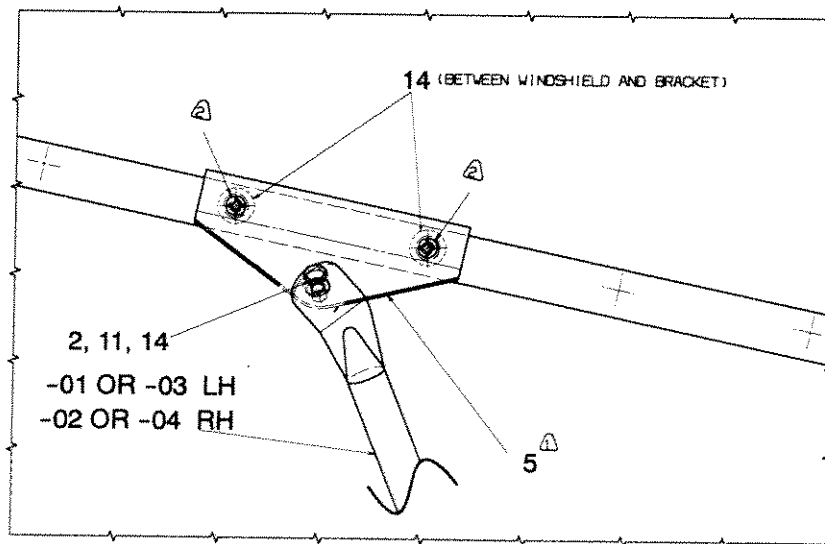
Figure 2 Cargo Mirror Installation LH/RH Installation (Sheet 1 of 3)

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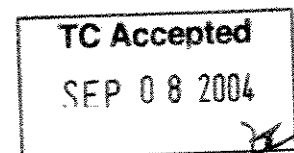
View A
LH Shown

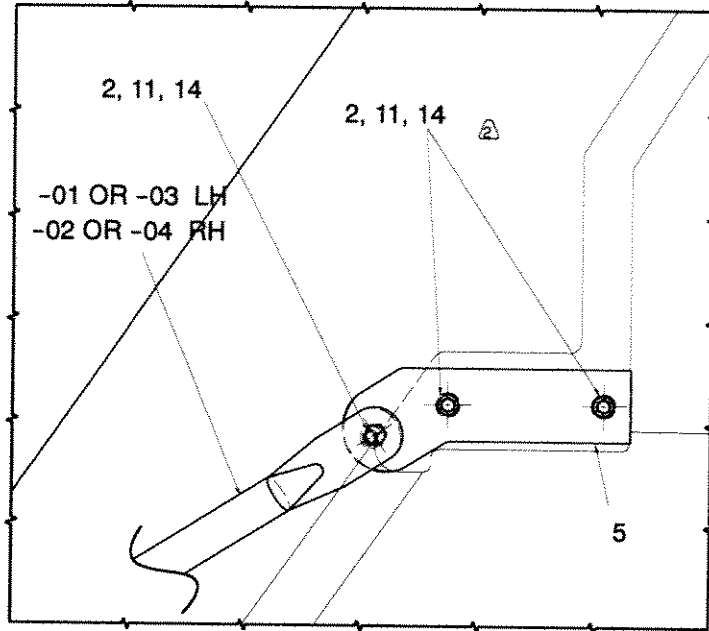


View B
LH Shown

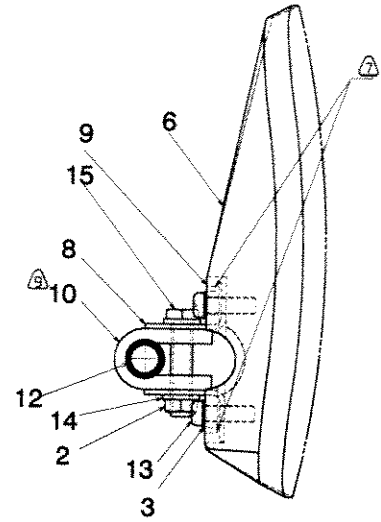
Figure 2 Cargo Mirror Installation LH/RH Installation (Sheet 2 of 3)

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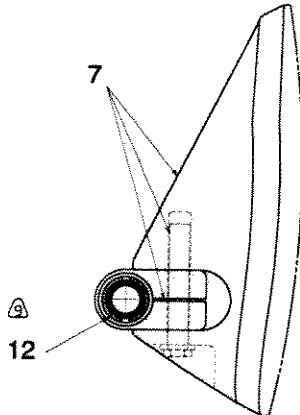




**View C
LH Shown**



**VIEW V -01 & -03 SHOWN
LH SHOWN, RH OPP.**



**VIEW V -02 & -04 SHOWN
LH SHOWN, RH OPP.**

- ⚠ ENSURE THAT ITEM 16 (SHIM) IS ROTATED 90° FROM CLAMP TO ALLOW FOR CORRECT CLAMPING ACTION.
- ⚠ P5670B2 OR PRC1422B1/2 OR PRC1422B2
- ⚠ SEAL AROUND EDGES USING ITEM 100
- ⚠ INTERCHANGABLE WITH P/N 350A66-0015-26
- ⚠ INTERCHANGABLE WITH P/N 350B74-0001-21 & 350A74-0001-21
- ⚠ INTERCHANGABLE WITH P/N 350B74-0001-22 & 350A74-0001-22
- ⚠ INTERCHANGABLE WITH P/N 350B74-0001-23 & 350A74-0001-23
- ⚠ PICK UP ON EXISTING FASTENER LOCATION
- ⚠ USE EXISTING HARDWARE FOR ATTACHMENT TO HELICOPTER

NOTES:

- | | |
|----------------------------|-------------------|
| 1. Mirror Support | 8. Angle Bracket |
| 2. Self-Locking Nut | 9. Profile Washer |
| 3. Lockwasher | 10. Tube Clamp |
| 4. Sealant | 11. Bolt |
| 5. Bracket | 12. Tubular Shim |
| 6. Convex Mirror MOD (ECL) | 13. Screw |
| 7. Convex Mirror Assy (EC) | 14. Washer |

Figure 2 Cargo Mirror Installation LH/RH Installation (Sheet 3 of 3)

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