



Transport
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No. CF-85-02

AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to Canadian Aviation Regulation (CAR) 593. Pursuant to CAR 605.84 and the further details of CAR Standard 625, Appendix H, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with CAR 605.84 and the above- referenced Standard.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

CF-85-02 AEROSPATIALE

Applies to all SNIAS Models AS 350B, AS 350C and AS 350D-1 helicopters which have Air Cruiser floatation kits installed in accordance with STC SH4032SW or SH2825SW and delivered by AHC prior to April 4, 1983.

Compliance is required prior to further overwater flight unless Aerospatiale Helicopter Corporation Service Bulletin No. 350-18 dated April 4, 1983 has already been accomplished.

To prevent possible failure of the Air Cruiser emergency floatation system accomplish the following prior to further overwater flight.

(a) Reroute harness and add 1/4 inch diameter heat shrink tubing to electrical harness in accordance with Figure 1 of the aforementioned Service Bulletin.

(b) Add 3/4 inch diameter heat shrink tubing to encase both mechanical cable and electrical harness. Assure that 3/4 inch tube overlaps 1/4 inch shrink tubing as shown in Figure 1 of SB No. 350-18.

(c) Install four supporting clamps, P/N MS21919WDG2, on each float bottle valve assembly side plate (drill and fit per Figure 1 of SB No. 350-18).

Install three clamps, P/N MS21919WDG36, on each cross tube to support squib harness (reference Figure 2 of aforementioned Service Bulletin). Ground strap is to be clamped at the lowest point on cross tube that will allow float to be pivoted between operating and ground handling position.

(e) Inspect the harness installation and perform the electrical test described in Air Cruiser's Overhaul Manual, reference 25.60.93, Revision 11 dated December 9, 1983 page 706.

(f) Materials necessary to complete the modification are listed below.

DESCRIPTION PART NUMBER SOURCE QUANTITY

Rivet MS20470AD34 Std. hdw 4

Bracket AN74313 Std. hdw 2

Clamp MS21919WDG2 Std. hdw 8

Clamp MS21919WDG36 Std. hdw 6

Screw NAS6039P Std. hdw 4

Washer AN96010L Std. hdw 4

Nut MS21044N3 Std. hdw 4

Heat Shrink Tubing 3/4 Inch Raychem 10 ft.

(Mouser Alt)



Documents

Document Sharing Hub

Heat Shrink Tubing 1/4 Inch Raychem 3 ft.

(Mouser Alt)

Alternate means of compliance with this Directive may be used if approved by the Director, Airworthiness Branch, Transport Canada, Ottawa.

The effective date of this Airworthiness Directive is April 22, 1985.

Pursuant to CAR 202.51 the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or address. To request a change of address, contact the Civil Aviation Communications Centre (AARC) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.

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