



## No. CF-66-06

### 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.

### 66-6 FOUND

Applies to all FBA-2C Aircraft.

Compliance required as indicated.

To preclude the failure of the forward wing/fuselage attachment either by the failure of the attachment bolt or by the cracking of the root rib web around the attachment fitting, accomplish the following:

#### (a) Replacement of Forward Wing/Fuselage Attachment Bolts

- (1) Prior to next flight, unless already accomplished, remove bolts P/N NAS 145 and forward them to Found Brothers Aviation Limited with the following information:
  - (i) Aircraft registration.
  - (ii) Number of flying hours on the bolts since new.
  - (iii) Torque required to loosen nuts.
  - (iv) Identify bolts as from right or left hand side of fuselage.
  - (v) Advise whether the bolt has been installed correctly in the wing/fuselage attachment bracket, (P/N W629 Port and W630 Starboard), with the head bearing on brackets (P/N W629 and W630).
- (2) Replace with new NAS 145 bolts.
- (3) Install new bolts with head bearing on brackets (P/N W629 and W630).
- (4) Torque nuts to 100-140 lbs.
- (5) Repeat replacement of bolts at intervals not to exceed 500 flying hours or replace bolts with new NAS 146 on aircraft modified in accordance with paragraph (d) and then replace at intervals not to exceed 500 flying hours.

#### (b) Wing Rib Inspection

- (1) Prior to next flight, unless already accomplished, remove the wing/fuselage fitting, (P/N W629 and W630), and inspect the port and starboard wing root ribs for cracks using Found Brothers Drawing 2C39-17, Issue 1, as a guide. Inspect fuselage welds at front wing attachment as per Found Brothers Drawing 2C39-22, Issue 1. Advise the Regional Airworthiness Inspector and Found Brothers Aviation Limited of details of all cracks that are found.
- (2) If no cracks are found, re-inspect in accordance with paragraph(b) (1) at intervals not to exceed 100 flying hours until modification in paragraph (d) is accomplished.
- (3) If cracks are found, repair before next flight in accordance with paragraph (c) and incorporate modification in (d).

(4) Inspect visually, aircraft repaired in accordance with paragraph (c) (1) at intervals not to exceed 250 flying hours since last inspection. Report all new cracks to the Regional Airworthiness Inspector and Found Brothers Aviation Limited. Replace cracked parts with new parts prior to further flight.

(c) **Rib Repairs**

(1) Repair ribs in accordance with Found Brothers repair scheme 2C39-18, Issue 2, or 2C39-19, Issue 2, or a DOT Approved equivalent.

(2) Repair welds in accordance with Found Brothers repair scheme 2C39-22, Issue 1, or a DOT Approved equivalent.

(d) **Modification**

Before October 17, 1966, incorporate Found Brothers Aviation Limited Modification 124.

(e) All bolts that are replaced shall be returned to Found Brothers Aviation Limited for inspection. After final inspection by Found Brothers Aviation, conditions of bolts will be recorded and bolts are then to be made unfit for further use.

This Airworthiness Directive supersedes the following telegrams:

(a) Telegram dated June 18, 1966, entitled Urgent Airworthiness Directive, Found FBA-2 Aircraft.

(b) CAE 66 dated June 20, 1966.

(c) CAE 70 dated June 24, 1966.

This Directive effective August 8, 1966.

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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