

Ayres Thrush (Snow) Commander Series Aeroplanes

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**AD/AC-SNOW/15**

**Forward Fuselage Upper  
Longerons - Inspection and Modification**

**6/84**

Applicability: All models S2R-R1820 with S/Nos R1820-001 to R1820-031.

- Requirement: 1. Visually inspect the forward fuselage upper longerons for Cracks in accordance with the following:
- (a) remove the fuselage side skins located between the wing upper surface and the hopper to gain access to the upper longerons between the firewall and the cockpit.
  - (b) check the longerons in the areas shown in Fig 1 of Ayres Corporation SB No SB-AG-16 dated 1 April 1984 as follows:
    - (i) between the upper engine mount and first hopper attachment bracket;
    - (ii) each vertical and diagonal tube intersection at the upper longeron;
    - (iii) each hopper attachment bracket.
2. Incorporate tubular split-sleeve modification P/N CK-AG-19 on both upper longerons in accordance with Ayres Corporation SB No SB-AG-16.

*Note: FAA Ayres Emergency AD dated 7 May 1984 refers.*

Compliance: For para 1: Before further flight after 17 May 1984 and thereafter at intervals not exceeding 10 hours time in service, until modified in accordance with para 2.

*Note: This inspection may be accomplished by the pilot in command in which case the pilot shall enter and certify for this AD in column 2 part 3 of the maintenance release on each occasion.*

For para 2: Within 100 hours time in service after 17 May 1984.

Background: Failure of both upper longerons has occurred on aircraft in service overseas. This condition if undetected could result in separation of the engine in flight.