



SERVICE LETTER NO. 71-8

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DATE: August 3, 1971

SUBJECT: Defroster Outlet Design Improvement

SERIALS AFFECTED: AA1-0001 thru AA1-0458
AA1A-0001 thru AA1A-0159

TIME OF COMPLIANCE: At owner's discretion.

General

On some aircraft it has been noted that the defroster outlet duct has distorted allowing the defroster hose to become disconnected. A modification has been incorporated on current production aircraft, consisting of an aluminum sleeve riveted in place to prevent distortion of the duct. Parts are available for field installation if required (See figure 1).

Inspection

The defroster outlet can be inspected by opening the sliding defroster door on the instrument panel deck and looking down through the windshield to see if the outlet duct is distorted and if the defroster hose has become disconnected. If the outlet is distorted the following parts should be incorporated:

- (1) 406004-4 Sleeve (May be fabricated from 2024T3 aluminum-.032" x .50" x 5.00").
- (1) 1601-0410 Rivet (Avex)
- (1) SST-2M Sta-Strap (Holub Industries)

These parts will be available at no charge from your authorized American Aviation Corporation Dealer until March 1, 1972. After that date, parts will be available at normal prices.

Modification

Remove the screws and washers securing the instrument panel deck. Lift up the deck and cut the sta-strap securing the hose to the defroster outlet and disconnect the hose.

Remove the deck from the aircraft. Install the 406004-4 sleeve into the outlet and drill a .136/.139 diameter hole through the outlet and sleeve as shown in Figure 1. Install rivet (1601-0410) using pop rivet tool (United Shoe Machinery, Part No. PRG410 or equivalent).

Position the deck on the aircraft and raise the rear to connect the defroster hose using a new sta-strap. Fasten the deck with the screws and washers.

Very truly yours,

AMERICAN AVIATION CORPORATION