

DESCRIPTION AND MAINTENANCE INSTRUCTIONS

EXPANSION CLEARANCE OF TAILPIPE
CABIN HEAT VALVE

INFORMATION

1. A lack of sufficient expansion clearance between the exhaust tail pipe intensifier tube extrusion and the cabin heat valve casting has been a contributing factor to the cracking of exhaust tail pipes.

MAINTENANCE DATA

2. The following maintenance data applies:-

(a) Later models of the Expeditor 3 incorporated a Deflector Assembly, Part 189218, between the end of the tail pipe intensifier tube extrusion and the heater control box. On aircraft where these deflectors are found to be installed ensure there is a minimum of $9/32$ of an inch clearance between the end of the intensifier tube extrusion of the tail pipe and the heater control box.

(b) On earlier models where no deflector is installed this clearance is to be a minimum of $3/16$ of an inch.

(c) If, upon installation using the existing mounting holes, the clearance is less than specified the intensifier tube is to be reworked as follows:-

(1) Remove the front intensifier tube securing bolt.

(2) The intensifier tube is to be moved aft until the specified clearance is obtained.

(3) The intensifier tube mounting hole is to be re-drilled and the old holes filled by puddling if required.

ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF

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