

**Nomad****ALERT SERVICE BULLETIN**

FROM GOVERNMENT AIRCRAFT FACTORIES  
 NOMAD ALERT SERVICE BULLETIN AN22-30-1

1. SUBJECT - ENGINE NOSE FAIRING ANTI-ICING - REDUCED LENGTH OF CONTROL VALVE SHAFT AND RIGGING CHECK.
2. APPLICABILITY - NOMAD N22, N22B, N24 AND N24A AIRCRAFT DELIVERED BEFORE 1ST DECEMBER, 1978.
3. COMPLIANCE - BEFORE FURTHER FLIGHT IN AMBIENT TEMPERATURES (O.A.T.) BELOW + 6° C.
4. REASON - IT HAS BEEN FOUND SOME ANTI-ICING VALVES ARE NOT OPENING SUFFICIENTLY TO GIVE UNRESTRICTED FLOW.
5. ACCOMPLISHMENT INSTRUCTIONS -
  - (A) REMOVE NACELLE FRONT LOWER FAIRING ASSEMBLY (I.P.C. 71-10-00 FIG. 1 ITEM 5).
  - (B) REMOVE ANTI-ICING VALVE FROM FAIRING (I.P.C. 30-20-00 FIG. 1 SHEET 2 ITEM 42).
  - (C) WITHDRAW ACTUATING SHAFT (ITEM 46) FROM VALVE BODY BY REMOVING THE SHAFT LOCATING ROLL PIN. (NOT SHOWN AS AN IDENTIFIED PART IN I.P.C.).
  - (D) CHECK ACTUATING SHAFT OVERALL LENGTH IS 2.80 INCHES. IF SHAFT IS LONGER (PRE MOD N108) SHORTEN TO 2.80 INCHES BY REMOVING METAL FROM PLUNGER END AND CHAMFER AS IN FIG. 1.
  - (E) SUITABLY MARK REF. POINTS A AND B AS DETAILED IN FIG. 1. THESE MARKS INDICATE VALVE FULLY OPEN AND CLOSED POSITIONS WHEN SHAFT IS ASSEMBLED IN VALVE BODY.

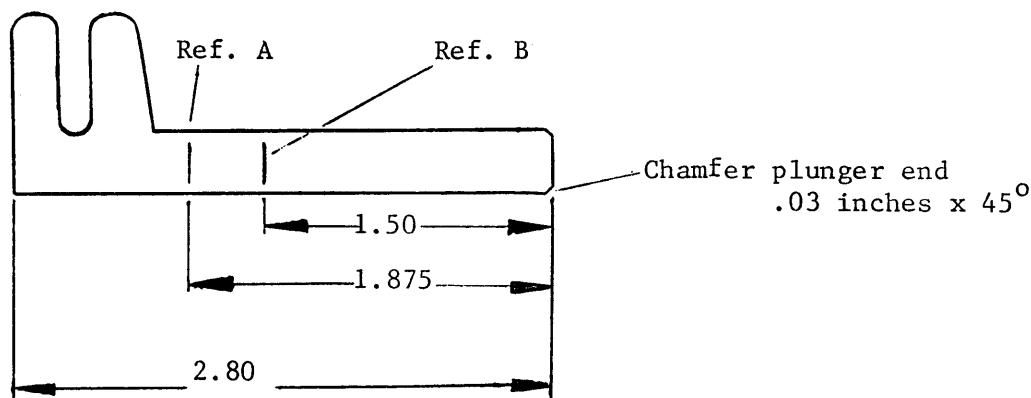


Fig. 1

- (F) REASSEMBLE VALVE AND REFIT TO NOSE FAIRING. REFIT NOSE FAIRING AND ENSURE THAT ANTI-ICING VALVE FORK IS ENGAGED WITH ACTUATOR PEG.

- (G) MOVE ENGINE ANTI-ICING LEVER IN FLIGHT COMPARTMENT TO OFF. WITH THE AID OF A TORCH AND MIRROR, CHECK THAT THE LINE REF. A FIG. 1 IS NOT VISIBLE. MOVE ENGINE ANTI-ICING LEVER TO ON. CHECK BOTH LINES, REF. A AND B FIG. 1 ARE VISIBLE.
- NOTE: IF ANTI-ICING VALVE IS NOT FULLY OPENING WASHERS MAY BE INSTALLED BETWEEN VALVE BODY AND MOUNTING BRACKET.
6. (A) RECORD COMPLIANCE WITH THIS ALERT SERVICE BULLETIN IN AIRCRAFT LOG BOOK.
- (B) RECORD COMPLIANCE WITH MOD N108, (SHORTENED ANTI-ICE VALVE SHAFT) IF NOT PREVIOUSLY EMBODIED.

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POST DESIGN SECTION

