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From: R.D.A. (Defects), Ministry of Aviation, St. Giles Court,
St. Giles High Street, W.C.2. Tel. No. MUSEum 3414, Ext. 474

Class D

- (A) Servicing Instruction/Hunter/85 A
Fuel System Vapour Release Valves: Sticking
- (B) Hunter Mks. 4, 6, 7, 8, 8B, 8C, 9, 10, GA.11, FA.11 and 12 aircraft.
- (C) A number of cases have occurred where the fuel system vapour release valves have stuck closed in flight, resulting in a slow fuel flow rate with subsequent low-level warning.
- (D)1. Within 3 Months of receipt of this Instruction or at the next Minor Servicing (whichever is sooner) and thereafter at each Minor Servicing, proceed as follows:-
- (a) Remove both port and starboard vapour release valves from the front fuel tanks in accordance with the relevant A.P. Vols. 1.
 - (b) Closely inspect the valves for the following:-
 - (1) Sticky deposit on the poppet valve stem.
 - (2) Scoring or marks on the poppet valve stem.
 - (3) Any burr set up on the float arm fork which bears on the poppet stem.
 - (4) Complete freedom of float arm and negative 'g' arm pivots.
 - (c) Where the condition quoted in Para. (D)1 (b) (1) or (2) is found, the valve is to be rejected and reported as at Para. (F).
 - (d) Where the condition in Para. (D)1(b)(3) is found, carefully remove the burr set up ensuring that subsequent free movement exists.
 - (e) Relieve any stiction of the float arm or negative 'g' arm pivots by cleaning the affected parts.

RM.283515.

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- (f) ^{before} After refitment to the aircraft, depress the poppet valve with the finger. The poppet should return smartly without restriction.
- (g) Where the poppet is sluggish to return, the valve is to be rejected and reported as at Para. (F).
- (h) Refit serviceable valves and pressure test the fuel system in accordance with current requirements.

Note: On no account should the valve be dismantled and the spring setting disturbed.

Estimated man hours: 2 (Removal and inspection)
 1 (Rectification)

- (E) Record on the appropriate forms and enter in the Supplementary Servicing Record Sheet of the Servicing Schedule.
- (F) Report cases found under Paras.(D)1(b)(1) or (2) and (D)1(g) by F.1022.
- (G) Modification action is under consideration.
- (H) This Instruction does not affect the operation or handling of the aircraft or equipment.

Robert G.
 (11/11)

for A.R. BUTLER.
 R.D.A. (Defects)

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