

10 DEC 1959
7th December, 1959

RICHMOND
KINGSTON ON TOWN
St. Giles High Street,

From: R.D.A. (Defects), M. of Av., St. Giles Court,
W.C.2. Tel.No. MUSEum 3644, Ext.474.

CLASS B

- (A) Servicing Instruction/Hunter/55
Fuel System Pressurisation - Air Pressure at Recuperators.
- (B) Hunter Mk.6, F.(GA)9 and 10 aircraft.
- (C) Six cases have been reported recently of incorrect operation of the PS48/8 Hymatic Valve, resulting in over or under pressurisation of the recuperators. In one case flame out occurred. The subsequent forced landing resulted in damage to the aircraft.
- (D)1 Within 7 Days of receipt of this Instruction and subsequently after each 25 hours flying, proceed as follows:-

- (a) Fit the rig.C.209813 (Ref. 26FX/95528) used for fuel filter de-icing system test, to one of the water drains from the recuperators. (Access through engine starter panel).
- (b) Run engine to 5500 r.p.m. and note the pressure recorded on the gauge of the rig.
- (c) Raise and lower the engine revolutions between 7000 and idling several times checking the pressure recorded on the gauge, at 5500 r.p.m. and over.
- (d) The reading on the gauge should be between 10 and 11 lb./sq.in. (e)

- (e) Where the pressures recorded are outside the above limits the Hymatic valve PS48/8 is to be replaced by a new or serviced item.
- (f) Rejected items are to be returned to stores pending local rectification in accordance with instructions to be issued as an amendment to the Vol.1.

Estimated Man hours - $\frac{1}{2}$ (for checking)

- (E) Record on appropriate form and enter in the Supplementary Servicing Record Sheet of the Servicing Schedule.
- (F) Report by Signal to R.D.A. Defects, copy to the R.T.O. Hawkers, all cases where valves have been rejected.
- (G) Nil.

Modification action, to provide filtration to the Hymatic valve PS48/8, is under consideration.

Ch Roberts
(RGA)

A.R. BUTLER
RDA/Defects

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