

5 AUG 1959

16th July, 1959

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CLASS B

(A) Servicing Instruction/Hunter/52
G.4F Compass Corrector Box : Movement of Corrector Settings due to
Gun Firing.

(B) Hunter Mk. 1, 2, 4, 5 and 6 aircraft.

(C) The settings made during G.4F compass swing of the "B" and "C" corrector potentiometers in the Corrector Control Box (Ref. 6B/2569) in Hunter aircraft have been found to alter as a result of heavy vibration caused by gun firing.

(D).1. Within 7 Days of receipt of this Instruction proceed as follows:-

(a) Obtain, from the compass log book, the values of "B" and "C" coefficients determined at the last compass swing.

(b) Check that the values of correction set in the corrector control box approximate to the settings relating to these coefficients for the particular latitude.

NOTE: The settings will closely correspond at 51°N but will exceed "B" and "C" values in equatorial latitudes.

(c) Where necessary, re-swing the compass and record the actual settings applied to "B" and "C" correctors both in the Compass Log Book and on a label, to be attached to the corrector control box. The label required is to take the form of a diagram of the markings of the corrector controls with an arrow pointing to the established setting.

(d) Where the settings have not varied, prepare a label as above and attach it to the corrector box. Enter the settings in the compass log book.

2. After each subsequent compass swing record to actual settings "B" and "C" on log book and label.

/3.

3. During the After Flight servicing following each gun firing, check the "B" and "C" settings and where necessary adjust the connectors to the settings given on the label.

Estimated Manhours : Inspection : 1/4

; Reswing : 2

(E) Record on the appropriate Forms and enter in the Supplementary Servicing Record Sheet of the Servicing Schedule.

(F) Nil.

(G) Modification is in hand.

Mod INST B184
CANCELS

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