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Hunter F.G.A. Mk. 9 Aircraft—Rotol Mod. No. GB.1109 (Introduction of Centrifugal Breather) Catered for

(Mod. No. Hunter/751.)

(Class B/2 on fitment of modified gearbox.)

(AB/A/8189.—16.10.59.)

1. INTRODUCTION

To prevent loss of oil, with consequent damage to the Gearbox Turret drive arm, Rotol Mod. No. G.B. 1109 (Introduction of Centrifugal breather) has been introduced. This necessitates repositioning the breather pipe on the Gearbox Turret drive arm.

- (1) This modification does not cancel, supersede or render unnecessary any work called for by approved modifications, Command modifications, S.T.I.s, S.I.s or S.R.I.M.s.
- (2) This modification is essentially connected with Mod. No. Rotol G.B.1109 (Introduction of Centrifugal breather) if that work is not already embodied it must be effected concurrently.

2. EMBODIMENT

This modification is to be embodied on fitment of modified gearbox drive.

3. APPROXIMATE TIME REQUIRED FOR EMBODIMENT

The work will take approximately 15 man-hours.

4. DRAWINGS REQUIRED

Drawing No. AP.4347J/S.1./59 is incorporated in this leaflet.

5. PARTS AND SPECIAL TOOLS REQUIRED

(1) Parts or Materials

- (a) The Modification Kit which consists of the following items supplied by the Contractor will be assembled by No. 16 Maintenance Unit under Ref. No. 26FX/100751:—

<i>Ref. No.</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>	<i>Class of Equipment</i>
26FX/9944	F.230731	Vent Pipe	1	C
28F/9735	AGS.1142/A	Nipple	1	C

The above items will be issued to R.A.F. Units at home on issue order—no demands are to be submitted. R.A.F. Units abroad, and all other users, are to demand separately their requirements of kits as listed in sub-para. (a) above, in accordance with current regulations.

- (b) The following materials are also required and are to be provided under Unit arrangements:—

<i>Ref. No.</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>	<i>Class of Equipment</i>
30A/3055	—	Steel Wire, 22 s.w.g. stainless, Specn. D.T.D.189	As reqd.	

(2) Special Tools or Test Equipment

No special tools or test equipment are required for the embodiment of this modification.

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6. SPARES AFFECTED

No spares are affected by this modification.

7. CHANGE OF REFERENCE, PART AND ASSEMBLY NUMBERS

There are no changes of Reference, Part or Assembly Numbers as a result of this modification.

8. SEQUENCE OF OPERATIONS

The following is the sequence of operations:—

- (1) Remove the gearbox turret access door.
- (2) Remove the Breather Pipe, Part No. F.205-159, together with Nipple, Part No. AGS.1142/B, from the drive arm of the accessory gearbox drive assembly, as shown on the Drawing.
- (3) Fit Vent Pipe, Part No. F.230731, together with Nipple, Part No. AGS.1142/A, as shown on the Drawing.

Note:—Pipe connection must be locked with 22 s.w.g. stainless steel wire, specn. D.T.D.189.

- (4) Replace the gearbox turret access door.

9. TESTING AFTER EMBODIMENT

No special tests are required after the embodiment of this modification.

10. RECORDING ACTION

Record on Aircraft Form 700.

11. DISPOSAL OF REDUNDANT PARTS

The undermentioned parts rendered redundant by the embodiment of this modification are to be disposed of as scrap in accordance with A.P.830, Vol. 1 (5th Edition), Leaflet No. A.19/1:—

<i>Ref. No</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>	<i>Class of Equip-ment</i>
26FX/7172	F.205159	Breather Pipe	1	
28F/9735	AGS.1142/B	Nipple	1	C

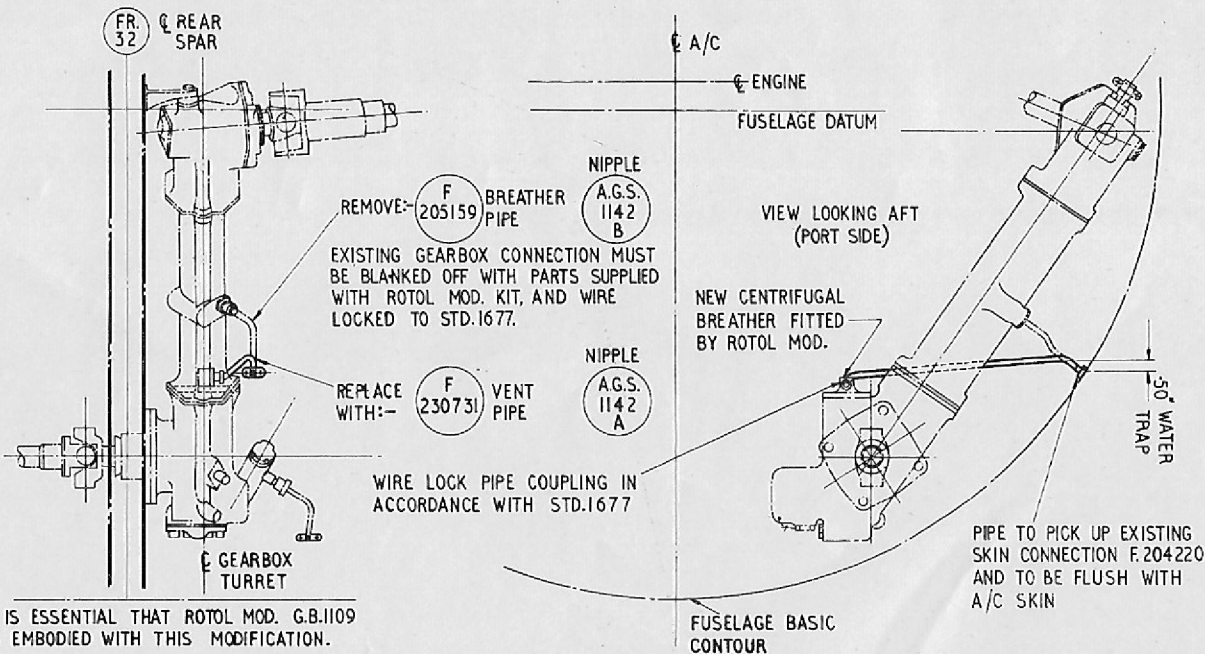
12. EFFECT ON WEIGHT AND C. OF G.

This modification causes a weight change of + 0.5 lb. and a change in moment of + 18 lb. in.

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DRG. No. A/P 4347U/SI/59.

1364. 8255. A. Ltd. 10/59



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