

A.L. No. 95
(Taxying-hood partly open provision)
(A.L. No. 52 cancelled)

A.P.4347G, Vol. 2
Leaflet No. J.9
(Alteration 1 incorporated)

Hunter T. Mk. 7—Cockpit, provision for Taxying with Hood Partly Open, Introduced—Part 'A'—Windscreen Alteration; Part 'B'—Hood, Provision for Strut; Part 'C'—Fitment of Strut

(MOD. NO. HUNTER/806.)

(Class C/3.)

(AB/A/9049.—20.1.60.)

Note:—This leaflet supersedes A.P.4347G, Vol. 2, Leaflet No. J.9 and is the authority for cancelling A.L. No. 52.

1. INTRODUCTION

This modification provides for the entry of fresh air into the cockpit when aircraft is taxiing.

The leaflet is in three parts.

- (1) This modification does not cancel, supersede or render unnecessary any work called for by approved modifications, Command or Naval Service modifications, S.T.I.s, S.I.s or S.R.I.M.s.
- (2) This modification is not essentially connected with any other approved modification.

2. EMBODIMENT

This modification is to be embodied by:—

2nd Line Servicing Units: At the first opportunity (not later than 6 months after receipt of parts)

3rd Line Servicing Units (R.S.U.s): As detailed in A.P.3158, Vol. 2, Leaflet No. B.6

4th Line Servicing Units (Repair Depots): Before issue of aircraft

Aircraft Storage Units: In accordance with the Standard of Preparation.

3. APPROXIMATE TIME REQUIRED FOR EMBODIMENT

The work will take approximately 1 man-hour for Part 'A'; approximately 2 man-hours for Part 'B' and approximately 2 man-hours for Part 'C'.

4. DRAWINGS REQUIRED

The following drawing is required and is to be demanded in accordance with A.P.3158, Vol. 2, Leaflet No. D.7:—

Drg. No. *Title*

C.231510—Provision for Hood Open During Taxiing.

5. PARTS AND SPECIAL TOOLS REQUIRED

Part 'A':

(1) Parts and Materials

The Modification Kit, which consists of the following items, supplied by the Contractor, will be assembled by No. 16 Maintenance Unit under Ref. No. 100806:—

| Ref. No. | Part No. | Nomenclature | Qty. | Class of Equipment |
|--------------|-----------|--------------|------|--------------------|
| 26FX/- | F.231519 | Stop | 1 | C |
| " 26FX/10434 | F.240792 | Bolt | 1 | C |
| 28M/5236 | A.14.E.B. | Nut | 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 above, in accordance with current regulations.

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Part 'B':

(1) Parts and Materials

The Modification Kit, which consists of the following items supplied by the Contractor, will be assembled by No. 16 Maintenance Unit under Ref. No. 100806:—

| Ref. No. | Part No. | Nomenclature | Qty. | Class of Equipment |
|------------|--------------|--------------|--------------------------------|--------------------|
| 26FX/- | F.231522 | Stop | 1 | C |
| 26FX/- | STD:1697/4/C | Bolt | 2 | C |
| 26FX/- | PH/190/7 | Jo-Bolt | 4 (Aviation Developments Ltd.) | C |
| ▲26FX/9963 | F.231517 | Trunnion | 1 | C |
| 26FX/9968 | F.231518 | Angle | 2 | CA |

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 above, in accordance with current regulations.

Part 'C':

(1), Parts and 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. 100806:—

| Ref. No. | Part No. | Nomenclature | Qty. | Class of Equipment |
|-------------|--------------|----------------|------|--------------------|
| 26FX/- | C.231510/A | Tube Assembly | 1 | B |
| 26FX/- | C.231510/B | Strut Assembly | 1 | B |
| 26FX/- | STD.1935/G/D | Nut | 1 | C |
| 26FX/- | DTD.487/26/C | Bolt | 1 | C |
| 26FX/- | DTD.487/25/E | Bolt | 1 | C |
| 28M/5234 | A.14.C.B. | Nut | 1 | C |
| 28M/5236 | A.14.E.B. | Nut | 1 | C |
| 28W/9419475 | S.P.15.C | Washer | 1 | C |
| 28W/9419405 | S.P.15.E | Washer | 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 material is also required and is to be provided under Unit arrangements:—

| Ref. No. | Part No. | Nomenclature | Qty. | Class of Equipment |
|----------------------------|----------|---|-------|--------------------|
| 30A/3055 or 30A/2343 | — | Locking Wire, 22 s.w.g. Stainless Steel, D.T.D.189 or D.T.D.161 | 6 in. | C |

▲(2) Special Tools or Test Equipment

The following tool is required:—

| Ref. No. | Part No. | Nomenclature | Qty. | Class of Equipment |
|----------|----------|--|------|--------------------|
| 1C/7088 | G.18/1B | Hand Ratchet Tool (Std. Type A.H.J.O.) Aviation Development Ltd. | 1 | A |

The above-mentioned tool has been distributed as follows:—

| | Qty |
|----------------------|-----|
| H.Q. Fighter Command | 2 |
| H.Q. R.A.F. Germany | 2 |
| H.Q. 41 Group | 2▲ |

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6. SPARES AFFECTED

Parts 'A' and 'C':

No spares are affected by these parts of the modification.

Part 'B':

The following list shows the spares affected by this part of the modification and the parts required to modify them:—

| Ref. No. | Part No. | Nomenclature | Qty. | Class of Equipment |
|------------------|--------------|--------------|-----------------------------------|--------------------|
| 26FX/9845 | E.232768 | Hood | — | — |
| Parts required:— | | | | |
| 26FX/- | F.231522 | Stop | 1 | — |
| 26FX/- | STD.1697/4/C | Bolt | 2 | C |
| 26FX/- | PH/190/7 | Jo-Bolt | 4 (Aviation Developments Ltd.) | C |
| ▲26FX/9963 | F.231517 | Trunnion | 1 | C |
| 26FX/9968 | F.231518 | Angle | 2 | CA |

Spares will be modified by the Stock Holding Unit as directed by the Air Ministry (D.G.E.).

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

Part 'A':

2. Para. 8, Sequence of Operations, Part 'A'. Delete existing operation (1) and substitute the following:—

- "(1) Remove nut and bolt at main pivot point in hood locking assembly at top of windscreen arch and fit new bolt, Part No. F.240792, stop, Part No. F.231519, and nut, Part No. A.14EB, as shown on Drawing C 231519"

Part 'B':

- (2) Remove two existing bolts immediately aft of Hood locking roller fitting in forward edge of Centre Beam in roof of Hood, as shown on Drawing No. C.231510.
- (3) Fit stop, Part No. F.231522, and bolts, Part No. STD.1697/4/C picking up existing holes as shown on Drawing No. C.231510.

Note:—Some aircraft may already be fitted with these parts.

- ▲(4) Drill out four existing rivets in centre beam and fit angles, Part No. F.231518, Trunnion, Part No. F.231517 and Jo-Bolts, Part No. P.H./190/7 as shown on Drawing No. C.231510.

Note:—On some aircraft it will be possible for angles to pick up with four bolts provided in centre beam, in which case Jo-Bolts will not be required.▲

- (5) Record the embodiment of this part of the modification on the Hood Modification Plate.

Part 'C':

- (6) Remove existing bolts securing roller in hood locking fitted in leading edge of hood and temporarily remove roller.
- (7) Fit Strut assembly, Part No. C.231510/B at the roller fitting, using bolt, Part No. D.T.D.487/25/E, nut, Part No. A.14.E.B, and washer, Part No. SP.15E, as shown on Drawing No. C.231510.
- (8) Fit Spring tube assembly, Part No. C.231510/A to trunnion and strut assembly, using nut, Part No. STD.1935/G/D, bolt, Part No. D.T.D.487/26/C, Nut, Part No. A.14.CB, and Washer, Part No. SP.15.C, as shown on Drawing No. C.231510.
- (9) Carry out adjustments and lubrication of installation in accordance with instructions contained in Drawing No. C.231510.

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9. TESTING AFTER EMBODIMENT

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

10. RECORDING ACTION

Record on Form 700.

11. DISPOSAL OF REDUNDANT PARTS

Part 'A':

The undermentioned part rendered redundant by the embodiment of this part of the modification is 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> |
|-----------------|-----------------|---------------------|-------------|
| 26FX/- | STD.1929/140/E | Bolt | 1 |

Parts 'B' and 'C':

No parts are rendered redundant by the embodiment of these parts of the modification.

12. EFFECT ON WEIGHT AND C. OF G.

This modification causes a weight change of +1.25 lb. and a change in moment of -186 lb. in.

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