

AIRFRAME
AL6

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

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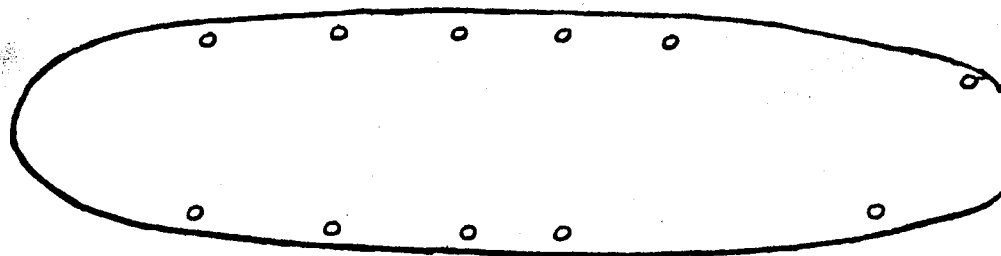
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|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|------|--|---|---------------------|--|--|------------------------------------|---------------------|--|--|
| AIRFRAME SP 401 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| AILERON HYDROBOOSTER VALVE SPINDLE - LOCKING | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | MAN HRS 4 | INITS & TDM 5 | | |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | | | | | |
| 1.1 Aileron hydrobooster panels. Remove. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 2. Examination | | | | | | | | | | | | | | | | | | | |
| 2.1 Aileron hydrobooster valve spindle. | | | | | | | | | | | | | | | | | | | |
| Ensure tabwasher has three tabs clinched to the flats on servo valve spindle and four tabs clinched to the locknut. | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| NB: Item 3 is applicable only if defect found in Item 2. | | | | | | | | | | | | | | | | | | | |
| 3. Rectification | | | | | | | | | | | | | | | | | | | |
| 3.1 Tab washer. | | | | | | | | | | | | | | | | | | | |
| Fit new washer. | | | | | | | | | | | | | | | | | | | |
| 3.2 Valve spindle. | | | | | | | | | | | | | | | | | | | |
| (i) Re-adjust. (ii) Lock tabwasher to servo valve spindle using three tabs and to the locknut using four tabs. | | | | | | | | | | | | | | | | | | | |
| SMS/ 22 | | | | | | | | | | | | Continued | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|---|---------------------|--|--|------------------------------------|---------------------|
| AIRFRAME SP 402 (1) (1 of 1) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| BRAKE PIPE AT UNDERCARRIAGE TORQUE LINKS - FAILURE NB: This procedure is applicable only to Aircraft Pre Mod 615. | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | | | |
| Special Tools and Equipment: Nil. | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Preparation</u> 1.1 Wheel brakes. Ensure in off position. 1.2 Hydraulic system. Release pressure. | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Examination</u> 2.1 Set bolts. Remove. 2.2 Brake pipe assemblies. Withdraw. 2.3 Swivel cap banjo connections.) Remove corrosion. 2.4 Top and bottom hollow pins.) 2.5 Brake pipe assemblies.) Refit. 2.6 Set bolts.) | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 3. <u>Completion</u> 3.1 Wheel brake system. (i) Bleed. (ii) Test. | | | | | | | | | | | | | | | |
| SMS/ 23 | | | | | | | | | | | | | | | |

| | | | | | | | |
|--|--|---|--|--------------------------------------|--|--|--|
| AIRFRAME SP403(2) AL6 | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | |
| AILERON HYDROBOOSTERS - PROTECTIVE COATING APPLICATION | | | | | | Aircraft/Equipment: | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Ser No: | |
| Date: | | | | | | Tradesman | |
| BLOCK 1 AIRFRAME | | | | | | Brief details of suspected fault(s) and SNOW(s) | |
| 3. Completion | | | | | | Supervisor | |
| 3.1 Aileron hydrobooster panel. Refit. (Port). | | | | | | Man Hrs 1 Inits & TDM 2 | |
| BLOCK 2 AIRFRAME | | | | | | Man Hrs 4 Inits & TDM 5 | |
| 4. Preparation | | | | | | 3 | |
| 4.1 Aileron hydrobooster panel. Remove. (Starboard). | | | | | | 3 | |
| BLOCK 3 AIRFRAME | | | | | | 3 | |
| WARNING... | | | | | | 3 | |
| THE FOLLOWING LIST ARE HAZARDOUS SUBSTANCES IN USE DURING THIS SERVICING PROCEDURE. BEFORE USE REFER TO THE RELEVANT COSHH ASSESSMENT AND SAFETY DATA SHEET DETAILED IN AP100B-10. | | | | | | 3 | |
| PROTECTIVE PX-24 NATO C-634. WHITE SPIRIT NATO S-752. | | | | | | 3 | |
| NB: PX-24 is not to be used on exposed surfaces. If bearing surfaces become contaminated with PX-24 clean off with white spirit and dry before relubrication. | | | | | | 3 | |
| 5. Lubrication | | | | | | 3 | |
| 5.1 Aileron hydrobooster. Apply light coating of protective PX-24 (NATO C-634). | | | | | | 3 | |
| BLOCK 4 AIRFRAME | | | | | | 3 | |
| 6. Completion | | | | | | 3 | |
| 6.1 Aileron hydrobooster panel. Refit. (Starboard). | | | | | | 3 | |
| SM 92/0661 (6A) CSDE | | | | | | 3 | |

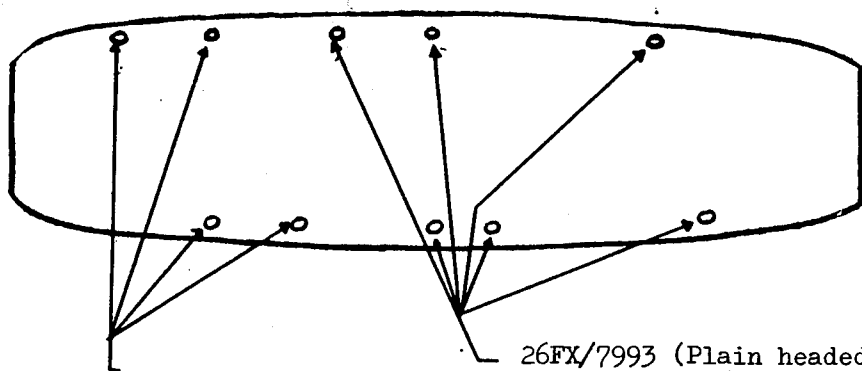
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|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|--|-----------------|---------------------|---|-----------------|---------------------|--|
| AIRFRAME SP404(1) (1 to 2) AL5 <u>PYLON ATTACHMENT BOLTS - REPLACEMENT</u> | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | | | | | | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | Aircraft/Equipment: | | | | | | |
| Ser No: | | | | | | | | | | | | Date: | | | | | | |
| TRADE | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | C o d e | Tradesman | | Brief details of suspected fault(s) and SNOW(s) | | Supervisor | |
| AF | | | | | | | | | | | | | Man Hrs 1 | Inits & TDM 2 | 3 | Man Hrs 4 | Inits & TDM 5 | |
| <u>Special Tools and Equipment</u> : Nil. | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | |
| 1. <u>Preparation</u> | | | | | | | | | | | | | | | | | | |
| 1.1 Mainplane. Check Pre or Post Mod 964. (See Fig.1). | | | | | | | | | | | | | | | | | | |
| 1.2 Pylon attachment bolts. (i) Remove. (ii) Discard). (If fitted). | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | | | | |
| 2. <u>Replacement</u> | | | | | | | | | | | | | | | | | | |
| 2.1 New bolts. (i) Lubricate. (Oil, OX-14). (ii) Fit. (iii) Torque load. (200 lbf ins). | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| SM 91/0894 (2) CSDE | | | | | | | | | | | | | | | | | | |

PYLON ATTACHMENT BOLTS - REPLACEMENT



Pre-Mod 965 - All bolts 26FX/7993 (Plain headed).
or
Post-Mod 965 - All bolts 26FX/10584 (White headed).

INBOARD PYLON



26FX/12500
(Blue Headed)

26FX/7993 (Plain headed)
Pre-Mod 965
26FX/10584 (White headed)
Post-Mod 965.

OUTBOARD PYLON

FIG 1

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|---|---------------------|---|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 405 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| 100 GALLON DROP TANK STABILIZING FINS - REINFORCING PLATES LIFTING | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. <u>Examination</u> | | | | | | | | | | | | | | | | | | | |
| 1.1 100 gallon drop tank fins. | | | | | | | | | | | | | | | | | | | |
| (i) Remove fin fairing. | | | | | | | | | | | | | | | | | | | |
| (ii) Examine fin and particularly for lifting of plates and loose or sheared rivets. | | | | | | | | | | | | | | | | | | | |
| (iii) Examine fin attachment bracket for cracks. | | | | | | | | | | | | | | | | | | | |
| (iv) Re-torque the fin attachment bolts 28D/1011240 to 80 lbf ins. (4 off). | | | | | | | | | | | | | | | | | | | |
| (v) Re-torque the bracket attachment bolts 28D/7002426 to 100 lbf ins. (4 off). | | | | | | | | | | | | | | | | | | | |
| (vi) Refit fin fairing. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| NB: Item 2 is applicable only if defect found in Item 1.1 (ii). | | | | | | | | | | | | | | | | | | | |
| 2. <u>Rectification</u> | | | | | | | | | | | | | | | | | | | |
| 2.1 100 gallon drop tank fins. | | | | | | | | | | | | | | | | | | | |
| Replace with new fins to Post STI/Hunter/180 standard. | | | | | | | | | | | | | | | | | | | |
| SMS/ 2.6 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | Continued | |

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|--|-------|-------|-------|--|--|--|--|--------------------------------------|--|--|--|---|---------------------|--|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 408 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| PORT AILERON - TRIM TAB HINGE ATTACHMENT RIVETS - PULLING OUT NB: This Procedure is applicable only to Aircraft Post Mod 568 and Pre Mod 903. | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS SP 4 | | | | | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | | | | | |
| 1.1 Clevis pin. | | | | Remove. | | | | | | | | | | | | | | | |
| (Attaching control rod to tab levers). | | | | | | | | | | | | | | | | | | | |
| 1.2 Trim tab. | | | | Raise fully. | | | | | | | | | | | | | | | |
| BLOCK 2 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| 2. Examination | | | | | | | | | | | | | | | | | | | |
| 2.1 Trim tab hinge attachments. | | | | Look for signs of pulled rivets. (Indicated by gaps between channel finisher and tab hinge). | | | | | | | | | | | | | | | |
| BLOCK 3 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| NB: Item 3 is applicable only if defect found in Item 2. | | | | | | | | | | | | | | | | | | | |
| 3. Rectification | | | | | | | | | | | | | | | | | | | |
| 3.1 Aileron. | | | | Replace (SP 4). | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| SMS/ 27 | | | | | | | | | | | | | | Continued | | | | | |

AIRFRAME
SP 408 (2)

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

PORT AILERON - TRIM TAB HINGE ATTACHMENT RIVETS - ~~PULLING OUT~~

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED
ON THIS CARD

Code

TRADESMAN

MAN
HRS
1

INITS
& TDM
2

Brief Details of
Suspected Defect and
SNOW
When Applicable
3

SUPERVISOR

MAN
HRS
4

INITS
& TDM
5

BLOCK 1

AIRFRAME

4. Completion

4.1 Trim tab.

Lower to neutral.

4.2 Clevis pin.

Refit.

SMS/ 27A

| | | | | | | | | | | | | | | | | | | | |
|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|-----------|--|---|---------------------|--|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 409 (1) (1 to 3) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| NOSE UNDERCARRIAGE UP STOP BRACKET - CRACKING NB: This Procedure is applicable only to Mk7, 7A and 8B aircraft. | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | | | | | |
| 1.1 Up stop bracket. | | | | | | | | | | | | | | Locate. (Fig 1). | | | | | |
| 1.2 Steel plate. | | | | | | | | | | | | | |) Remove. | | | | | |
| 1.3 Rubber pad. | | | | | | | | | | | | | |) | | | | | |
| BLOCK 2 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| 2. Examination | | | | | | | | | | | | | | | | | | | |
| 2.1 Up stop bracket. | | | | | | | | | | | | | | Look for cracks. | | | | | |
| BLOCK 3 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| NB: Item 3 is applicable only if cracks are found in Sub-item 2.1. | | | | | | | | | | | | | | | | | | | |
| 3. Rectification | | | | | | | | | | | | | | | | | | | |
| 3.1 Up stop bracket. | | | | | | | | | | | | | | Repair in accordance with Repair Scheme Drawing BSK41706. | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| SMS/ 28 | | | | | | | | | | Continued | | | | | | | | | |

NOSE UNDERCARRIAGE UP STOP BRACKET - CRACKING

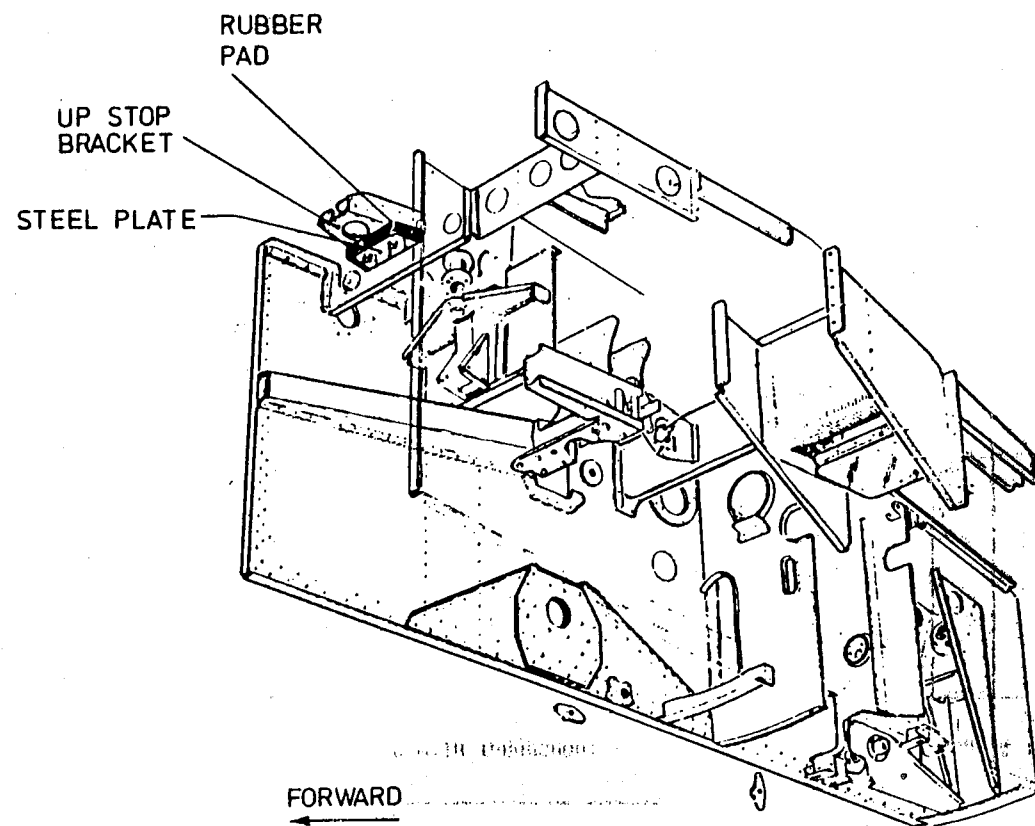


FIG 1

| | | | | | | | | | | | | | | | |
|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|---|---------------------|--|--|------------------------------------|---------------------|
| AIRFRAME SP 410 (1) (1 of 1) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| LANDING FLAP SCREWED SECURING ROD AND FERRULES - INEFFECTIVE LOCKING | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | |
| 1.1 Landing flaps. Lower fully. | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | |
| 2. Examination | | | | | | | | | | | | | | | |
| 2.1 Hexagon headed screwed ferrules on rods securing ribs to tabular spar (Ribs 1, 2, 3, 4, 5, 7, 11, 12, 13, 14 and 15). | | | | | | | | | | (i) Ensure not slackened off. (ii) Ensure locked securely. | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | | | | | |
| NB1: Item 3 is applicable only if defect found in Item 2. | | | | | | | | | | | | | | | |
| NB2: Sub-Item 3.1. Do not overtighten ferrules. | | | | | | | | | | | | | | | |
| 3. Rectification | | | | | | | | | | | | | | | |
| 3.1 Hexagon headed screwed ferrules. Relock by 3 centre pop marks. | | | | | | | | | | | | | | | |
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| SMS/ 30 | | | | | | | | | | | | | | | |

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| AIRFRAME SP 411 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| NOSEWHEEL REAR DOOR HINGE BOLTS - SPLIT PINS SHEARED | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | |
| 1. <u>Examination</u> NB: During Sub-item 1.1 position of bolts is to be noted. | | | | | | | | | | | | | |
| 1.1 Hinge bolts. Remove. | | | | | | | | | | | | | |
| 1.2 Hinge bolts and location hinges. (i) Clean. (ii) Lubricate. (Oil, OX-14). | | | | | | | | | | | | | |
| 1.3 Hinge attachment securing screws and bolts. Check tighten. | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | |
| NB: Item 2 is applicable only if defect found in Sub-item 1.3. | | | | | | | | | | | | | |
| 2. <u>Rectification</u> | | | | | | | | | | | | | |
| 2.1 Hinge attachment securing screws and bolts. (i) Tighten. (ii) Relock. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SMS/ 31 | | | | | | | | Continued | | | | | |

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| AIRFRAME SP 411 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| NOSEWHEEL REAR DOOR HINGE BOLTS - SPLIT PINS SHEARED | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: During Item 3 bolts and split pins are to be refitted in the positions previously recorded in Sub-item 1.1. A second split pin hole is not to be drilled. 3. <u>Completion</u> 3.1 Hinge bolts. <div style="margin-left: 200px;"> (i) Refit. (ii) Lock with split pin. </div> | | | | | | | | | | | |
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SMS/ 31A

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| AIRFRAME SP 412 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| TAIL TRIM DATUM ACTUATOR LINKAGE - STIFFNESS NB: This Procedure is applicable only to Aircraft Post Mod 597 and 629. | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | SUPERVISOR | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | MAN HRS 4 | INITS & TDM 5 | |
| TRADE AF Elect | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | | | | | |
| Special Tools and Equipment: Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 ELECTRICAL 1. <u>Preparation</u> 1.1 External 24V d.c power supply. (i) Connect. (ii) Switch on. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Operation</u> 2.1 Tail trim and flying tail circuits. Ensure operating correctly on 24V d.c. supply. | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME NB: Item 3 is applicable only if circuits do not operate freely. 3. <u>Rectification</u> 3.1 Spring feel unit.) Ensure aligned correctly with switch 3.2 Connecting rod.) carrier lever. 3.3 Datum actuator linkage. Lubricate. (Oil, OX-14). 3.4 Repeat Sub-item 2.1. | | | | | | | | | | | | | | | | | | | |
| SMS/ 32 | | | | | | | | | | Continued | | | | | | | | | |

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| AIRFRAME SP 412 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| TAIL TRIM DATUM ACTUATOR LINKAGE - STIFFNESS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 ELECTRICAL | | | | | | | | | | | |
| 4. <u>Completion</u> | | | | | | | | | | | |
| 4.1 External 24V d.c power supply. | | | | | | | | | | | |
| (i) Switch off. | | | | | | | | | | | |
| (ii) Disconnect. | | | | | | | | | | | |
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| SMS/ 32A | | | | | | | | | | | |

| AIRFRAME SP 414 (1) (1 to 22) | | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | | RAF Form 2988B (Revised Jan 85) | |
|--|-------|-------|-------|----------------------------|---|--|--------------------------------------|---------------------|--|--|-----------------|---------------------|--|------------------------------------|--|
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 | | | |
| TRADE AF Elect | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | Code | | | | | | | | |
| | | | | SP 129, 135 | | | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | |
| Spring Balance, 0 to 50 lbs (1A/9714860 Size No 3). | | | | | | | | | | | | | | | |
| Measuring Plasticine, 33C/691. | | | | | | | | | | | | | | | |
| 5 lb weight (2 off), Local Manufacture, Fig 1. | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | |
| 1.1 Aircraft. Raise on jacks. | | | | | | | | | | | | | | | |
| BLOCK 2 ELECTRICAL | | | | | | | | | | | | | | | |
| 2. Preparation | | | | | | | | | | | | | | | |
| 2.1 External electrical power supply. (i) Connect. (ii) Switch on. | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | | | | | |
| 3. Nose Undercarriage Lock Setting | | | | | | | | | | | | | | | |
| 3.1 Nose undercarriage locks. Check. (SP 135). | | | | | | | | | | | | | | | |
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SMS/ 33

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| AIRFRAME SP 414 (2) | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | AP101B-1300-5A3C Sect 4 Chap 1 | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 <div style="text-align: center;">AIRFRAME</div> <p>NB: Item 4 is applicable only if faults are found in Item 3.</p> <p>4. <u>Nose Undercarriage Front Door Locks Adjustment</u></p> <p>4.1 Lock operating rods. Disconnect at hinge bracket lock operating levers.</p> <p>4.2 Hinge bracket lock operating levers. Check movement between pin centres when levers are moved from distance tubes to stop faces is between 0.65 and 0.67 in. measured at right angles to top face of hinge bracket.</p> <p>NB: Sub-items 4.3 to 4.5 inclusive are applicable only if movement required in Sub-item 4.2 cannot be obtained.</p> <p>4.3 Hinge bracket lock operating lever. Position to facilitate access to slots in door structure and hinge bracket lugs.</p> <p>NB: During Sub-item 4.4 Overall dimension of slot to be approximately 1.02 in.</p> <p>4.4 Hinge bracket lugs and slots in door structure. File as necessary.</p> <p>4.5 Hinge bracket stop face. File as necessary to obtain lever movement detailed in Sub-item 4.2.</p> <p>4.6 Door locks. (i) Close. (ii) Ensure hook and latch are fully engaged.</p> | | | | | | | | |
| SMS/33A | | | Continued | | | | | |

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| AIRFRAME SP 414 (3) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 4. <u>Nose Undercarriage Front Door</u> <u>Locks Adjustment</u> (Contd) | | | | | | | | | | | |
| 4.7 Lock operating rods. Reconnect. | | | | | | | | | | | |
| NB: Sub-items 4.8, 4.9 and 4.10 are to be carried out simultaneously. | | | | | | | | | | | |
| 4.8 Door. Hold forward to ensure hinge bracket operating lever is in contact with distance tube. | | | | | | | | | | | |
| 4.9 Lock operating rods. Adjust as necessary. | | | | | | | | | | | |
| 4.10 Lock latch and lever. Check gap is between 0.09 and 0.11 in. | | | | | | | | | | | |
| 4.11 Lock operating rods. (i) Secure to attachment pins using special*steel wire (30A/1334) in form of an 'S'. (ii) Ensure locking does not protrude beyond diameter of washer. | | | | | | | | | | | |
| 4.12 Door locks. Check. (SP 135). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 5. <u>Nose Undercarriage Front Door</u> <u>Lock Spigots and Operating Mechanism</u> | | | | | | | | | | | |
| 5.1 Hydraulic pressure. Release. | | | | | | | | | | | |
| 5.2 Nose undercarriage front door. (i) Raise manually. (ii) Ensure spigots engage simultaneously | | | | | | | | | | | |
| SMS/ 34 | | | | | | Continued | | | | | |

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| AIRFRAME SP 414 (4) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 5. <u>Nose Undercarriage Front Door Lock Spigots and Operating Mechanism</u> (Contd) | | | | | | | | | | | |
| 5.3 Door locating spigot. Ensure not fouling guide holes in door. | | | | | | | | | | | |
| 5.4 Undercarriage selector. Set to 'DOWN'. | | | | | | | | | | | |
| 5.5 Hand pump. Operate until nose leg is down and locked. | | | | | | | | | | | |
| 5.6 Undercarriage ground safety locks. Ensure fitted. | | | | | | | | | | | |
| 5.7 Undercarriage selector. Set to 'UP'. | | | | | | | | | | | |
| 5.8 Nose undercarriage sequence valve. Maintain depressed. | | | | | | | | | | | |
| 5.9 Hand pump. Operate until nose wheel door is raised and locked up. DO NOT BUILD UP PRESSURE. | | | | | | | | | | | |
| 5.10 Undercarriage selector. Set to 'DOWN'. | | | | | | | | | | | |
| NB: Sub-items 5.11 and 5.12 are to be carried out simultaneously. | | | | | | | | | | | |
| 5.11 Hand pump. Operate slowly to lower nose wheel door. | | | | | | | | | | | |
| 5.12 Nose undercarriage door locks. Ensure Port lock opens before Starboard lock. | | | | | | | | | | | |
| SMS/ 34A | | | | | | Continued | | | | | |

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| AIRFRAME SP 414 (5) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 5. <u>Nose Undercarriage Front Door Lock Spigots and Operating Mechanism (Contd)</u> NB: Sub-items 5.13 and 5.14 are applicable only if unsatisfactory lock operation is observed in Sub-item 5.12. 5.13 Nose undercarriage front door. (i) Grasp lower corners and try to twist door in both direction. (ii) Ensure hinge attachment brackets are secure. 5.14 Door operating cross/shaft and hinge brackets. Examine. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 6. <u>Nose Undercarriage Front Door Lock Micro Switches</u> 6.1 Undercarriage selector. Set to 'UP'. 6.2 Handpump. Operate until nose undercarriage is partly raised and clear of down lock. 6.3 Nose undercarriage indicator Red lamp. Ensure lit. 6.4 Door locks. Close. | | | | | | | | | | | |
| SMS/ 35 | | | | | | Continued | | | | | |

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| AIRFRAME SP 414 (6) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME <u>Nose Undercarriage Front Door</u> <u>Lock Micro Switches (Contd)</u> NB: Sub-items 6.5 to 6.13 inclusive are to be repeated for each front door lock micro switch in turn. Sub-item 6.5 is to be repeated as necessary until conditions detailed in Sub-items 6.8 to 6.11 inclusive are satisfied. | | | | | | | | | | | |
| 6.5 Micro switch. Adjust as necessary. | | | | | | | | | | | |
| 6.6 Lever and micro-switch. Insert 0.027 in. feeler gauge. | | | | | | | | | | | |
| 6.7 Nose leg 'UP' micro-switch. Maintain depressed. | | | | | | | | | | | |
| 6.8 Nose undercarriage indicator Red lamp. Ensure lit. | | | | | | | | | | | |
| 6.9 Lever and micro-switch. (i) Remove 0.027 in. feeler gauge. (ii) Insert 0.023 in. feeler gauge. | | | | | | | | | | | |
| 6.10 Nose leg 'UP' micro-switch. Maintain depressed. | | | | | | | | | | | |
| 6.11 Nose undercarriage indicator Red lamp. Ensure extinguished. | | | | | | | | | | | |
| 6.12 Nose leg 'UP' micro-switch. Release. | | | | | | | | | | | |
| 6.13 Lever and micro-switch. Remove feeler gauge. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 7. <u>Main Undercarriage Lock Settings</u> | | | | | | | | | | | |
| 7.1 Main undercarriage wheel door locks.) Check. | | | | | | | | | | | |
| 7.2 Main undercarriage fairing lock.) (SP 135). | | | | | | | | | | | |
| SMS/ 35A | | | | | | Continued | | | | | |

HUN/5A3C/1.44

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| AIRFRAME SP 414 (8) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| NB: During Sub-items 8.5 and 8.6 ensure that cross shaft lever does not move. | | | | | | | | | | | |
| 8 <u>Main Undercarriage Wheel Door</u> <u>Lock Micro Switches (Contd)</u> | | | | | | | | | | | |
| 8.5 Lock hooks. | | | | | | | | | | | |
| (i) Attach 5 lb weights. | | | | | | | | | | | |
| (ii) Ensure weight roller is square to lock hook and not exerting side loads. | | | | | | | | | | | |
| 8.6 Lock operating rods. | | | | | | | | | | | |
| (i) Shorten rods until locks just release. | | | | | | | | | | | |
| (ii) Shorten rear rod a further 3 complete turns. | | | | | | | | | | | |
| (iii) Shorten front rod a further 2 complete turns. | | | | | | | | | | | |
| (iv) Tighten locknuts. | | | | | | | | | | | |
| 8.7 Rear lever of torque shaft. | | | | | | | | | | | |
| (i) Release pull of 10 lb. | | | | | | | | | | | |
| (ii) Remove spring balance. | | | | | | | | | | | |
| 8.8 Hydraulic pressure. | | | | | | | | | | | |
| Release. | | | | | | | | | | | |
| 8.9 Wheel door. | | | | | | | | | | | |
| Move manually outboard, to compress jack, and release. | | | | | | | | | | | |
| 8.10 Door locks. | | | | | | | | | | | |
| Close and attach 5 lb weights to lock hooks. | | | | | | | | | | | |
| NB: Sub-item 8.11 is to be carried out in conjunction with Sub-item 8.12. | | | | | | | | | | | |
| 8.11 Wheel door jack body. | | | | | | | | | | | |
| Lever gently and slowly upwards. | | | | | | | | | | | |
| SMS/ 36A | | | | | | Continued | | | | | |

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| AIRFRAME SP 414 (9) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 8. <u>Main Undercarriage Wheel Door</u> <u>Lock Micro Switches</u> (Contd) 8.12 Door locks. | | | | | | | | | | | |
| (i) Ensure rear lock opens before front lock. (ii) Check. (SP 135). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME NB: Item 9 is applicable only if faults are found in Item 7. 9. <u>Main Undercarriage Leg</u> <u>Fairing Lock Adjustment</u> 9.1 Hydraulic pressure. | | | | | | | | | | | |
| Ensure released. | | | | | | | | | | | |
| 9.2 Wheel door sequence valve. | | | | | | | | | | | |
| Maintain depressed. | | | | | | | | | | | |
| 9.3 Wheel door. | | | | | | | | | | | |
| Raise manually into undercarriage compartment and hold against landings. | | | | | | | | | | | |
| 9.4 Roller arm. | | | | | | | | | | | |
| (i) Attach spring balance as detailed in Fig 3. (ii) Apply load of between 20 and 25 lb to ensure roller is aligned with guide bracket. | | | | | | | | | | | |
| SMS/ 37 | | | | | | Continued | | | | | |

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| AIRFRAME SP 414 (10) | | SERVICING PROCEDURES MISCELLANEOUS* HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME <u>Main Undercarriage Leg Fairing</u> <u>Lock Adjustment (Contd)</u> NB1: During Sub-item 9.5 it will be necessary to open helix of spring slightly in vicinity of stop, in order to confirm that sliding end is in contact. NB2: During Sub-item 9.5 if adjustment is necessary, roller is to be held hard against guide bracket by spring balance whilst door is manually held against undercarriage compartment landing. 9.5 Teleflex sliding end at wheel door. Ensure sliding end abutts stop. 9.6 Wheel door. Open manually until extension of Teleflex control is just completed ie roller is on apex of cam on guide bracket, indicated by an increase in load on spring balance to between 40 and 50 lb. 9.7 Teleflex control outboard end. Apply load of approximately 25 lb and maintain. 9.8 Wheel door. Operate manually up and down until load on spring balance is at its highest ie between 40 and 50 lb and secure in this position. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 37A | | | | | | Continued | | | | | |

| | | | | | | | | | | | |
|--|--|---|--|--------------------------------------|--|---|-----------------|--|-----------------|------------------------------------|---------------------|
| AIRFRAME SP 414 (11) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | MAN HRS 4 | | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 9. <u>Main Undercarriage Leg Fairing</u> <u>Lock Adjustment</u> (Contd) | | | | | | | | | | | |
| NB: During Sub-item 9.9 it will be necessary to depress spring loaded plunger of emergency air sequence valve and maintain depressed until adjustment has been completed. | | | | | | | | | | | |
| 9.9 Teleflex control outboard end. | | | | | | | | | | | |
| (i) Remove shackle pin. (ii) Slacken locknut. (iii) Adjust fork end until lock is operated ie fully open and lever is against stop (inboard). (iv) Screw out fork end (anti- clockwise) 2 complete turns. (v) Tighten locknut. (vi) Refit shackle pin and fit new split pin. (vii) Release 25 lb load. | | | | | | | | | | | |
| 9.10 Roller arm. | | | | | | | | | | | |
| (i) Release load. (ii) Remove spring balance. | | | | | | | | | | | |
| 9.11 Leg fairing lock. | | | | | | | | | | | |
| Check. (SP 135). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 10. <u>Main Undercarriage Wheel</u> <u>Door and Spigots Examination.</u> | | | | | | | | | | | |
| 10.1 Undercarriage ground safety locks. | | | | | | | | | | | |
| Ensure fitted. | | | | | | | | | | | |
| 10.2 Undercarriage selector. | | | | | | | | | | | |
| Set to 'UP'. | | | | | | | | | | | |
| SMS/ 38 | | | | | | Continued | | | | | |

| AIRFRAME SP 414 (12) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | |
|---|--|---|--|--------------------------------------|--------------|--|---|------------------------------------|------------------|
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | |
| 10. <u>Main Undercarriage Wheel Door and Spigots Examination</u> (Contd) | | | | | | | | | |
| 10.3 Wheel door sequence valve. Maintain depressed. | | | | | | | | | |
| 10.4 Wheel door. (i) Raise manually and hold against undercarriage bay landings. (ii) Ensure door is a flush fit particularly at forward edge. | | | | | | | | | |
| 10.5 Wheel door hinge. Examine and particularly for signs of strain. | | | | | | | | | |
| 10.6 Hand pump. Operate until wheel door is fully closed and 'UP' locks are tripped in the 'LOCKED' position. | | | | | | | | | |
| 10.7 Door spigots. Check gap between underside of spigots and door lock hooks is not less than 0.015 in. | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | |
| 11. <u>Main Undercarriage Micro Switches</u> | | | | | | | | | |
| 11.1 Undercarriage selector. Set to 'DOWN'. | | | | | | | | | |
| 11.2 Handpump. Operate until doors and legs are fully down. | | | | | | | | | |
| 11.3 Nose undercarriage ground safety lock. Fit. | | | | | | | | | |

SMS/ 38A

Continued

| AIRFRAME SP414(13) AL3 | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | |
|--|---|---|--|--------------------------------------|--|--|-----------------|
| Aircraft/Equipment: | | | | | | Ser No: | |
| Date: | | | | | | Tradesman | |
| Brief details of suspected fault(s) and SNOW(s) | | | | | | Supervisor | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Man Hrs | |
| | | | | | | Inits & TDM | |
| BLOCK 1 | AIRFRAME | | | | | C o d e | Man Hrs 1 |
| 11. | Main Undercarriage Microswitch (Contd) | | | | | | 2 |
| 11.4 | Undercarriage selector. Set to 'UP'. | | | | | | |
| 11.5 | Handpump. Operate until down locks on main undercarriage jacks have opened. | | | | | | |
| NB | Sub-item 11.6 is to be carried out in conjunction with Sub-item 11.7. | | | | | | |
| 11.6 | Wheel door sequence valve. Depress. | | | | | | |
| 11.7 | Wheel door. Close to engage locks. | | | | | | |
| 11.8 | Leg fairing lock. Close. | | | | | | |
| 11.9 | Rear lever of torque shaft. (i) Attach spring balance as detailed in Fig 2. (ii) Apply tension of 50 lb. (iii) Reduce pull gradually to 10 lb. | | | | | | |
| NB | Sub-items 11.10 to 11.16 inclusive are to be repeated for each leg fairing and wheel door micro-switch in turn. Sub-item 11.10 is to be repeated as necessary until conditions detailed in Sub-items 11.11 and 11.12 are satisfied. | | | | | | |
| 11.10 | Microswitch. Adjust as necessary. | | | | | | |
| 11.11 | Lever and microswitch. Insert 0.035 in. feeler gauge. | | | | | | |
| 11.12 | Undercarriage indicator Red lamp. Ensure appropriate lamp is lit. | | | | | | |
| 11.13 | Lever and microswitch. (i) Remove 0.035 in. feeler gauge. (ii) Insert 0.030 in. feeler gauge. | | | | | | |

AIRFRAME
SP414(14)

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

MAINTENANCE RECORD

RAF Form 2988B
(Revised Apr 89)

UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS

Aircraft/Equipment:

Ser No:

Date:

SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD

Tradesman

Brief details of
suspected fault(s)
and SNOW(s)

Supervisor

C
o
d
e

Man
Hrs
1

Init
& TDM
2

3

Man
Hrs
4

Init
& TDM
5

BLOCK 1

AIRFRAME

11. Main Undercarriage Microswitch (Contd)

11.14 Undercarriage indicator Red lamp. Ensure extinguished.

11.15 Lever and micro-switch. Remove feeler gauge.

11.16 Rear lever of torque shaft. (i) Release load.
(ii) Remove spring balance.

BLOCK 2

AIRFRAME

12. Stop Rod, Striker and Trunnion Examination

12.1 Striker. (i) Remove securing nut.
(ii) Ensure locating rivet intact.
(iii) Ensure correct alignment with stop rod.
(iv) Refit securing nut, avoiding undue torsional load.

12.2 Stop rod. (i) Ensure alignment of fork end and keyway.
(ii) Examine keyway for wear.

12.3 Trunnion mounting. (i) Examine trunnion for side play, shim as necessary.
(ii) Ensure trunnion free to operate.

| | | | | | | | | | | | |
|--|--|---|--|--------------------------------------|--|---|-----------------|---|---|------------------------------------|---------------------|
| AIRFRAME SP 414 (15) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 13 is only applicable if a fault is found in Sub-item 12.2. 13. <u>Rectification</u> 13.1 Trunnion. Replace special screw 26FX/1013. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 14. <u>Undercarriage Operation</u> 14.1 Undercarriage selector. Set to 'DOWN'. 14.2 Handpump. Operate until undercarriage is locked fully down. 14.3 Undercarriage ground safety locks. Remove. NB: Sub-items 14.4 and 14.5 are to be carried out with door jack fully extended, full hydraulic pressure applied and door held outboard by hand. 14.4 Wheel door down stop. Ensure gap of between 0.01 and 0.05 in. exists between door stop striker and trunnion. 14.5 Leg sequence valve. Measure and record plunger length. 14.6 Undercarriage selector. Set to 'UP'. 14.7 Wheel door. Move slowly upwards by hand until sequence valve plunger stops extending. | | | | | | | | | | | |
| SMS/ 40 | | | | | | Continued | | | | | |

| | | | | | | | | | | | |
|---|--|---|--|--------------------------------------|--|---|-----------------|---|---|-----------------|---------------------|
| AIRFRAME SP 414 (16) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| <u>Undercarriage Operation (Contd)</u> | | | | | | | | | | | |
| NB1: Sub-item 14.8 is to be carried out with free movement of valve plunger taken up by depressing plunger lightly, taking care not to operate valve. | | | | | | | | | | | |
| NB2: During Sub-item 14.8 if measurement is incorrect ensure that operating lever adjustment is not at fault. | | | | | | | | | | | |
| 14.8 Leg sequence valve. Ensure sequence valve plunger length is measurement obtained in Sub-item 14.5 plus between 0.09 and 0.12 in. | | | | | | | | | | | |
| 14.9 Undercarriage selector. Set to 'DOWN'. | | | | | | | | | | | |
| 14.10 Ground test connection blanking caps. Remove. | | | | | | | | | | | |
| 14.11 Hydraulic servicing trolley. (i) Connect. (ii) Start. | | | | | | | | | | | |
| 14.12 Undercarriage indicator Green lamps. (3 off). Ensure lit. | | | | | | | | | | | |
| 14.13 Undercarriage selector. Set to 'UP'. | | | | | | | | | | | |
| 14.14 Undercarriage indicator Red lamp. Ensure lit when undercarriage is unlocked and extinguished when undercarriage is locked up. | | | | | | | | | | | |
| 14.15 Leg fairing flap and leg fairing.) Check gap is between 0.05 and 0.1 in. | | | | | | | | | | | |
| 14.16 Leg fairing and wheel fairing.) | | | | | | | | | | | |
| 14.17 Wheel fairing and wheel door. Check clearance is as detailed in Fig 3 | | | | | | | | | | | |
| SMS/ 40A | | | | | | Continued | | | | | |

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|---|--|---|--|--------------------------------------|--|---|-----------------|--|-----------------|---------------------|--|
| AIRFRAME SP 414 (17) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENTS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | MAN HRS 4 | INITS & TDM 5 | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 14. Undercarriage Operation (Contd) | | | | | | | | | | | |
| 14.18 Undercarriage selector. Set to 'DOWN'. | | | | | | | | | | | |
| 14.19 Undercarriage indicator Green lamps. (3 off). Ensure lit. | | | | | | | | | | | |
| 14.20 Hydraulic servicing trolley. (i) Stop. (ii) Disconnect. | | | | | | | | | | | |
| 14.21 Ground test connexion blanking caps. Refit. | | | | | | | | | | | |
| 14.22 Undercarriage selector. Set to 'UP'. | | | | | | | | | | | |
| 14.23 Wheel door landing blocks. Attach plasticine. | | | | | | | | | | | |
| 14.24 Handpump. Operate until undercarriage is locked up. | | | | | | | | | | | |
| 14.25 Undercarriage selector. Set to 'DOWN'. | | | | | | | | | | | |
| 14.26 Handpump. Operate slowly. | | | | | | | | | | | |
| NB: Sub-item 14.27 is to be carried out at intermediate stages of door opening. | | | | | | | | | | | |
| 14.27 Wheel fairing and wheel door. Check clearance is as detailed in Fig 3. | | | | | | | | | | | |
| 14.28 Undercarriage. Ensure locked down. | | | | | | | | | | | |
| SMS/ 41 | | | | | | Continued | | | | | |

[illegible]

UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENT

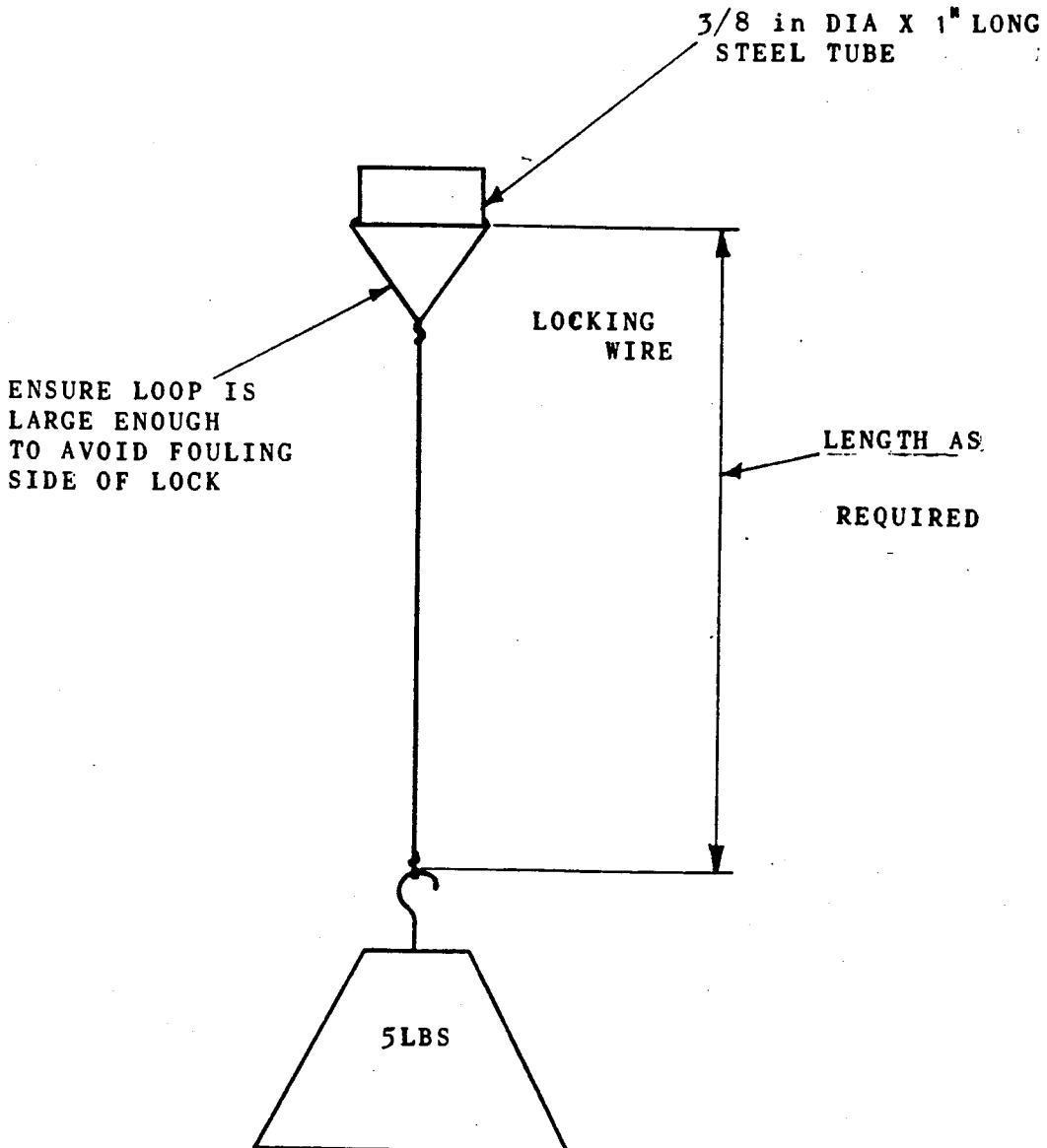


FIG 1

SMS/ 43

SMS 53D

Continued

HUN/5A3C/1.57

UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENT

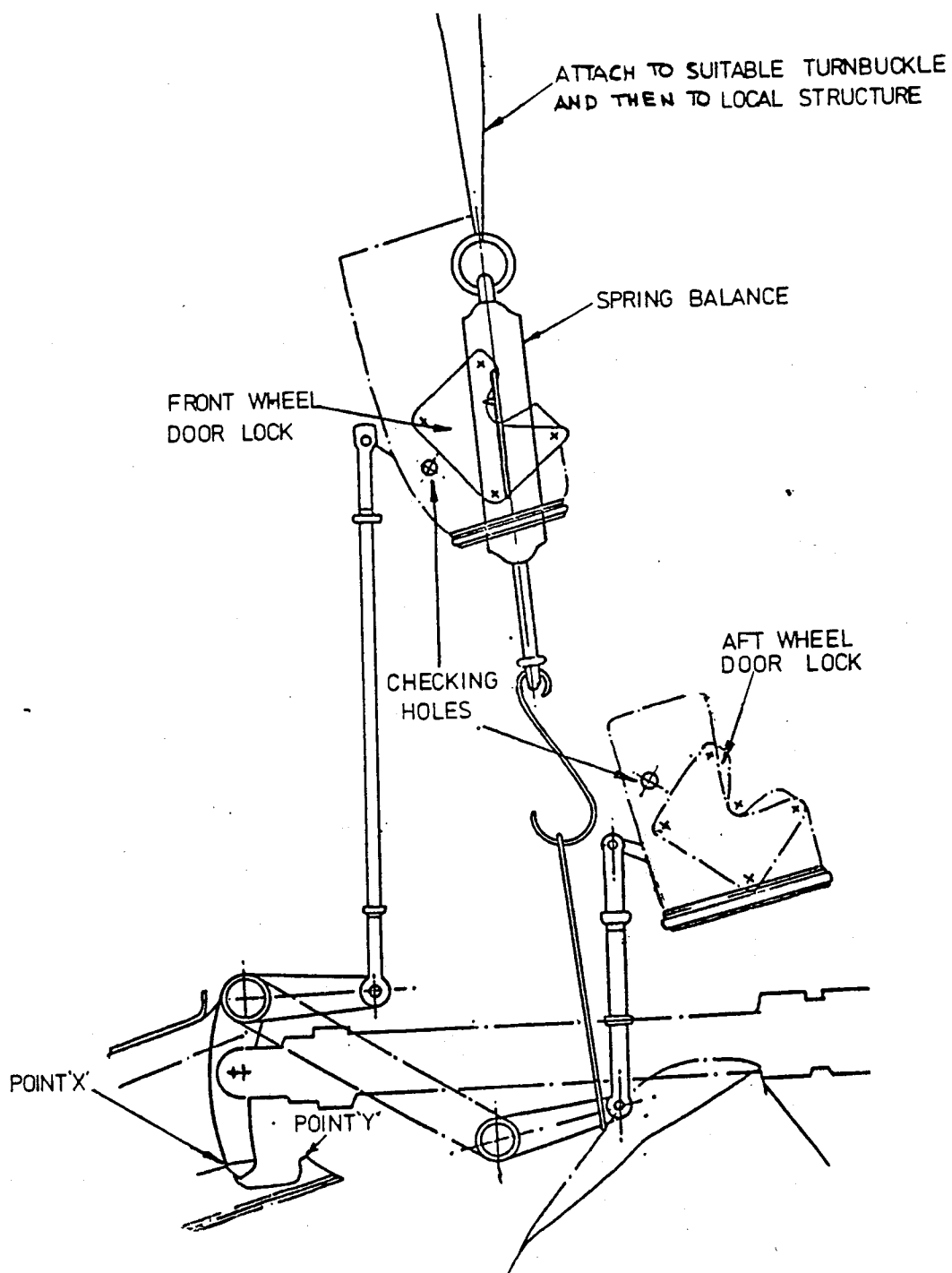
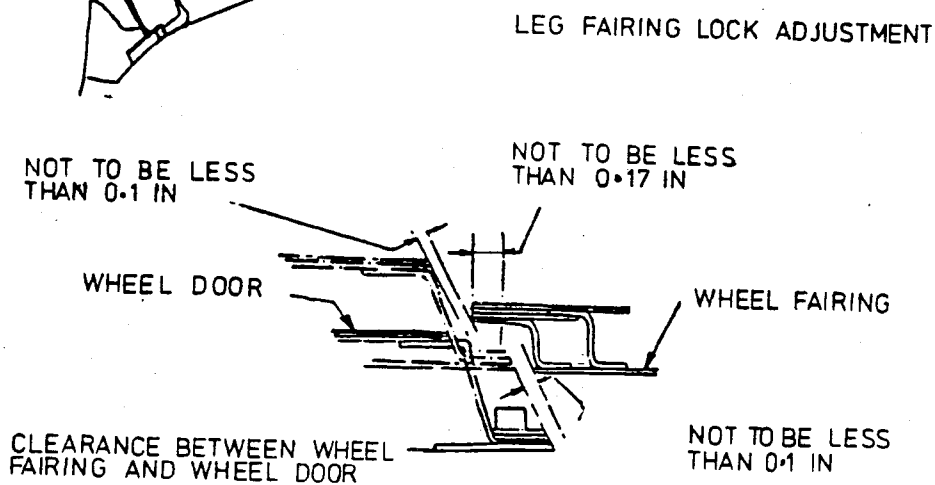
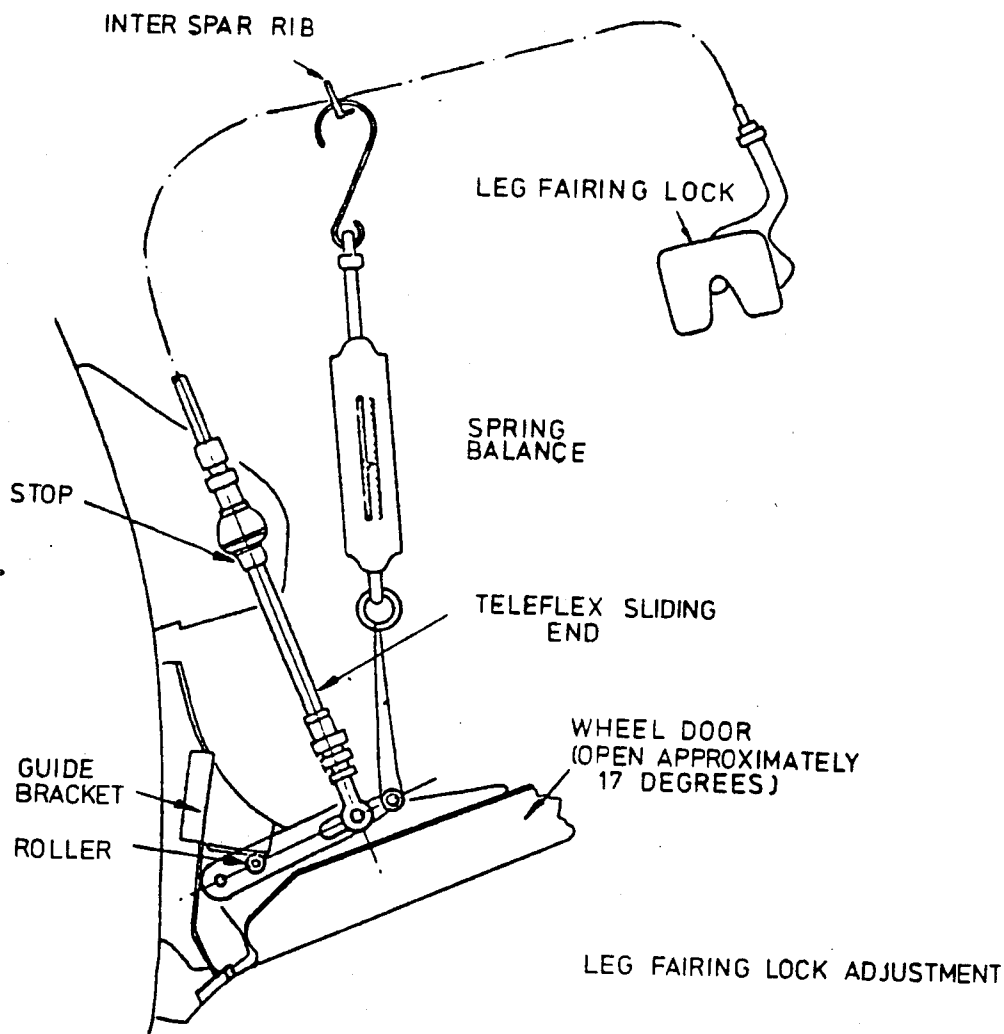


FIG 2

UNDERCARRIAGE DOOR LOCKS - SETTING UP ADJUSTMENT



| | | | | | | | | | | | | | | | |
|---|-------|-------|-------|--|--|--|--|--------------------------------------|-----------|---|---------------------|---|--|------------------------------------|---------------------|
| AIRFRAME SP 415 (1) (1 to 2) AL 1 | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| NOSE UNDERCARRIAGE PIVOT PIN AND BRACKET - EXAMINATION | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | |
| BLOCK 1 | | | | AIRFRAME | | | | | | | | | | | |
| 1. <u>Preparation</u> | | | | | | | | | | | | | | | |
| 1.1 Aircraft. | | | | Raise on jacks. | | | | | | | | | | | |
| 1.2 Nose Wheel. | | | | Support. | | | | | | | | | | | |
| 1.3 Pivot Pin. | | | | Remove from wheel fork and bracket. (AP104C-0901-16C). | | | | | | | | | | | |
| BLOCK 2 | | | | AIRFRAME | | | | | | | | | | | |
| 2. <u>Examination</u> | | | | | | | | | | | | | | | |
| 2.1 Pivot pin. | | | | Examine and particularly for fretting and corrosion. | | | | | | | | | | | |
| 2.2 Pivot bracket bores. | | | | (i) Clean. (ii) Examine and particularly for fretting and corrosion. | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| SMS/ 3 | | | | | | | | | Continued | | | | | | |

AIRFRAME
SP 415 (2)
AL 1

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

NOSE UNDERCARRIAGE PIVOT PIN AND BRACKET - EXAMINATION

| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | SUPERVISOR | |
|---|--|-----------------|---------------------|---|-----------------|---------------------|
| | | MAN HRS 1 | INITS & TDM 2 | | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | |
| 3. <u>Completion</u> | | | | | | |
| NB: Sub-item 3.1 is applicable only where defects are found in Sub-item 2.2 and are outside the permissible limits laid down in AP104C-0901-6C. | | | | | | |
| 3.1 Nose undercarriage. | | | | | | |
| (i) Remove. (101B-1302-1). | | | | | | |
| (ii) Fit serviceable item ensuring that pivot pin and pivot pin bracket bores are lubricated. | | | | | | |
| (iii) Carry out retraction test. | | | | | | |
| NB: Sub-item 3.2 is applicable only where <u>no</u> defects are found in Sub-item 2.2 or the defects are within the limits laid down in AP104C-0901-6C. | | | | | | |
| 3.2 Pivot bracket bores. | | | | | | |
| Lubricate. (Grease XG-287). | | | | | | |
| 3.3 Pivot pin. | | | | | | |
| Lubricate. (Grease XG-287) | | | | | | |
| 3.4 Pivot pin. | | | | | | |
| Refit to wheel fork and bracket. (AP104C-0901-16C). | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | |
| 4. <u>Completion</u> | | | | | | |
| 4.1 Aircraft. | | | | | | |
| (i) Remove nose wheel support. | | | | | | |
| (ii) Lower off jacks. | | | | | | |

SMS/ 3A

| | | | | | | | | | | | | | | | |
|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|---|---------------------|--|--|------------------------------------|---------------------|
| AIRFRAME SP 416 (1) (1 to 3) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| MAIN UNDERCARRIAGE - MAXARET, SWIVEL COUPLING AND RECUPERATOR PIPES - IDENTIFICATION NB: This Procedure is applicable only to Aircraft Post Mod 197 and 198. | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Examination</u> 1.1 Recuperator pipeline. Ensure connected to outer connection adjacent to lower torque link. 1.2 Maxaret pipe. (Fig 1). Ensure connected at lower end to centre connection of maxaret unit. 1.3 Maxaret return pipe. (Fig 2). Ensure connected to outer connection adjacent to upper torque link. | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Operation</u> 2.1 Maxaret return pipe and end fittings. Colour code both ends of pipe in accordance with Fig 1. 2.2 Maxaret unit.) Colour code in immediate vicinity of 2.3 Swivel coupling lower joint.) connection to maxaret return pipe. 2.4 Maxaret return pipe and end fitting on upper part of undercarriage leg. Colour code in accordance with Fig 2. 2.5 Swivel coupling upper joint. Colour code in the immediate vicinity of connection to maxaret return pipe. | | | | | | | | | | | | | | | |
| SMS/ 47 | | | | | | | | | | Continued | | | | | |

MAIN UNDERCARRIAGE - MAXARET, SWIVEL COUPLING AND RECUPERATOR PIPES - IDENTIFICATION

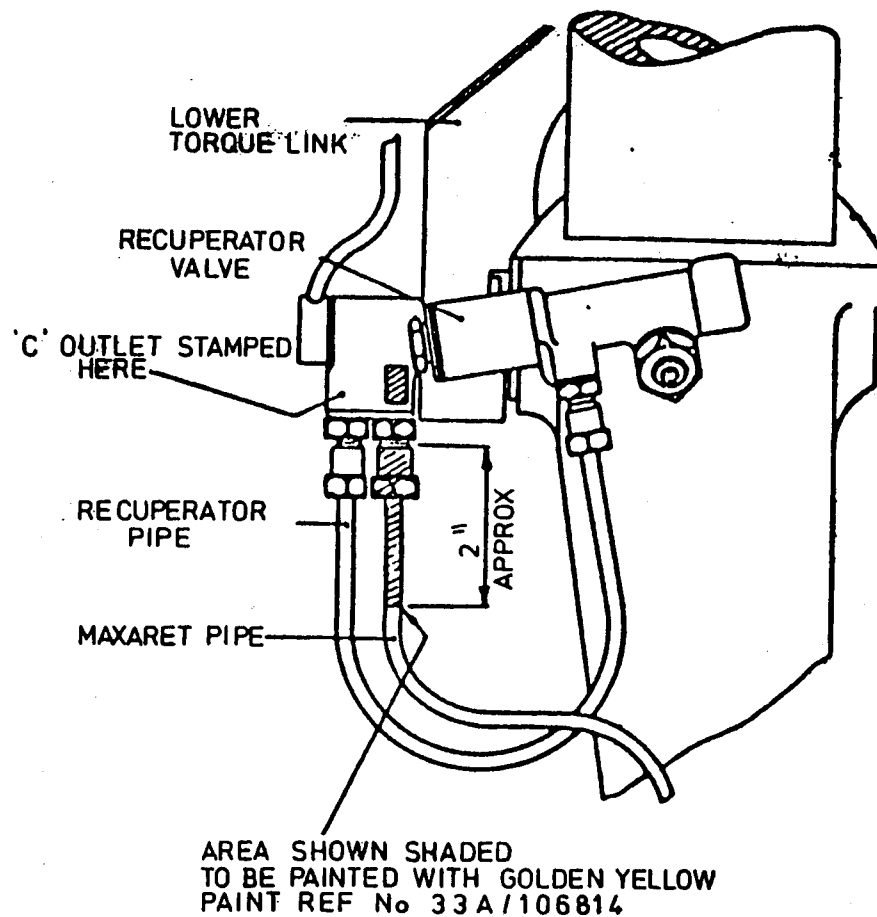


FIG 1

MAIN UNDERCARRIAGE - MAXARET, SWIVEL COUPLING AND RECUPERATOR PIPES - IDENTIFICATION

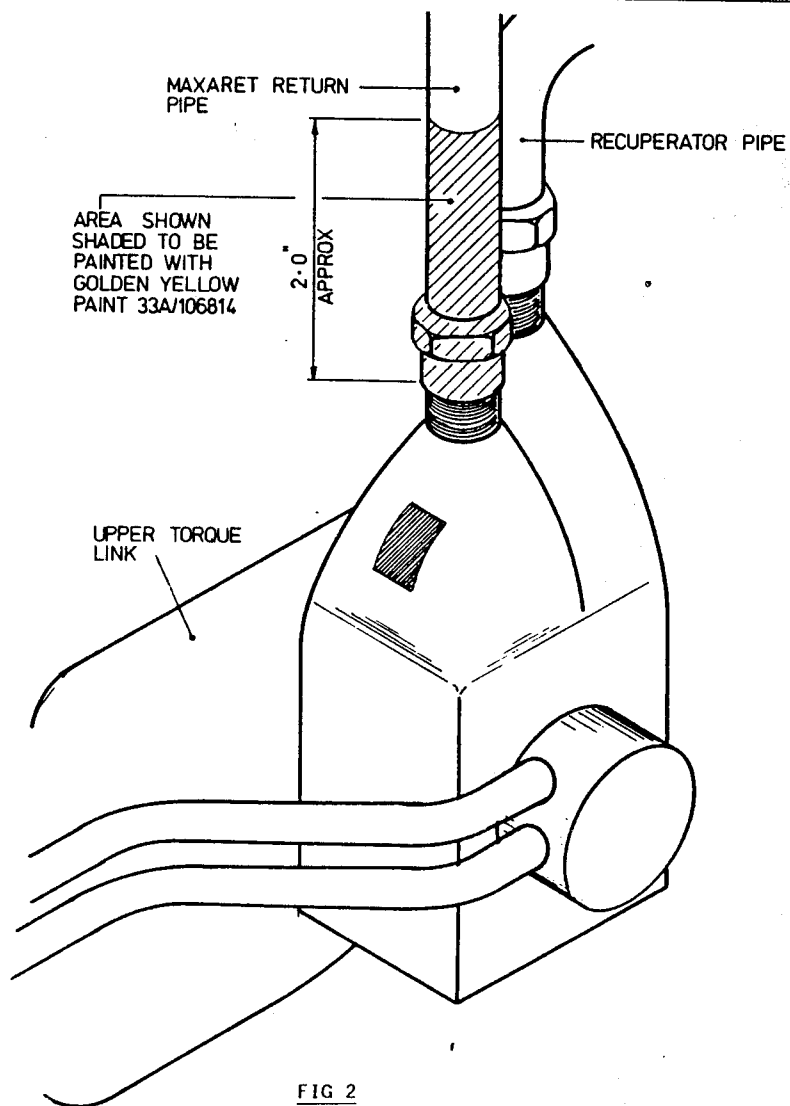


FIG 2

| | | | | | | | | | | | | | | | | |
|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|---|---------------------|---|--|------------------------------------|---------------------|--|
| AIRFRAME SP 417 (1) (1 to 3) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | |
| MAIN UNDERCARRIAGE UP LOCKS - SERVICING | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | MAN HRS 4 | INITS & TDM 5 | |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS SP 414 | | | | Code | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | |
| NB: During this Procedure parts of locks are not to be interchanged during dismantling and assembly. | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Up Lock Servicing</u> NB: During Sub-item 1.1 position of up locks removed is to be recorded. 1.1 Up locks. (i) Remove. (Qty 6). (ii) Dismantle. (iii) Clean. 1.2 Side plates and lock housing.) 1.3 Rotating jaws.) Examine and particularly for wear. 1.4 Pivot posts and distance pieces.) (Fig 1). 1.5 Spring and plunger.) NB: During Sub-item 1.6 any wear affecting hook contour engaging the spigot will necessitate rejection of lock. 1.6 Hook. Examine and particularly for wear. (Fig 1). 1.7 Spring and plunger. Lubricate. (Oil, OX-14). | | | | | | | | | | | | | | | | |
| SMS/ 50 | | | | | | | | | | Continued | | | | | | |

| | | | | | | | | | | | |
|---|--|---|--|--------------------------------------|--|---|-----------------|---|---|-----------------|---------------------|
| AIRFRAME SP 417 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| MAIN UNDERCARRIAGE UP LOCKS - SERVICING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME <u>Up Lock Servicing (Contd)</u> 1.8 Moving parts and housing. Lubricate. (Grease, ZX38). NB: During Sub-item 1.9 attachment bracket may have to be shimmed and/or holes securing bracket to undercarriage compartment structure slightly elongated to ensure lock is a snug fit. Lock attachment bolts are not to be overtightened and after fitment ensure lock still operates crisply throughout its operating range. 1.9 Up locks. (i) Reassemble. (ii) Ensure full and free movement by deliberate and careful manipulation over whole range of operation. (iii) Refit to aircraft in original position ensuring a snug, not a tight fit in bracket in undercarriage compartment. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Testing</u> 2.1 Undercarriage. Check adjustments. (SP 414). | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 50A | | | | | | Continued | | | | | |

MAIN UNDERCARRIAGE UP LOCKS - SERVICING

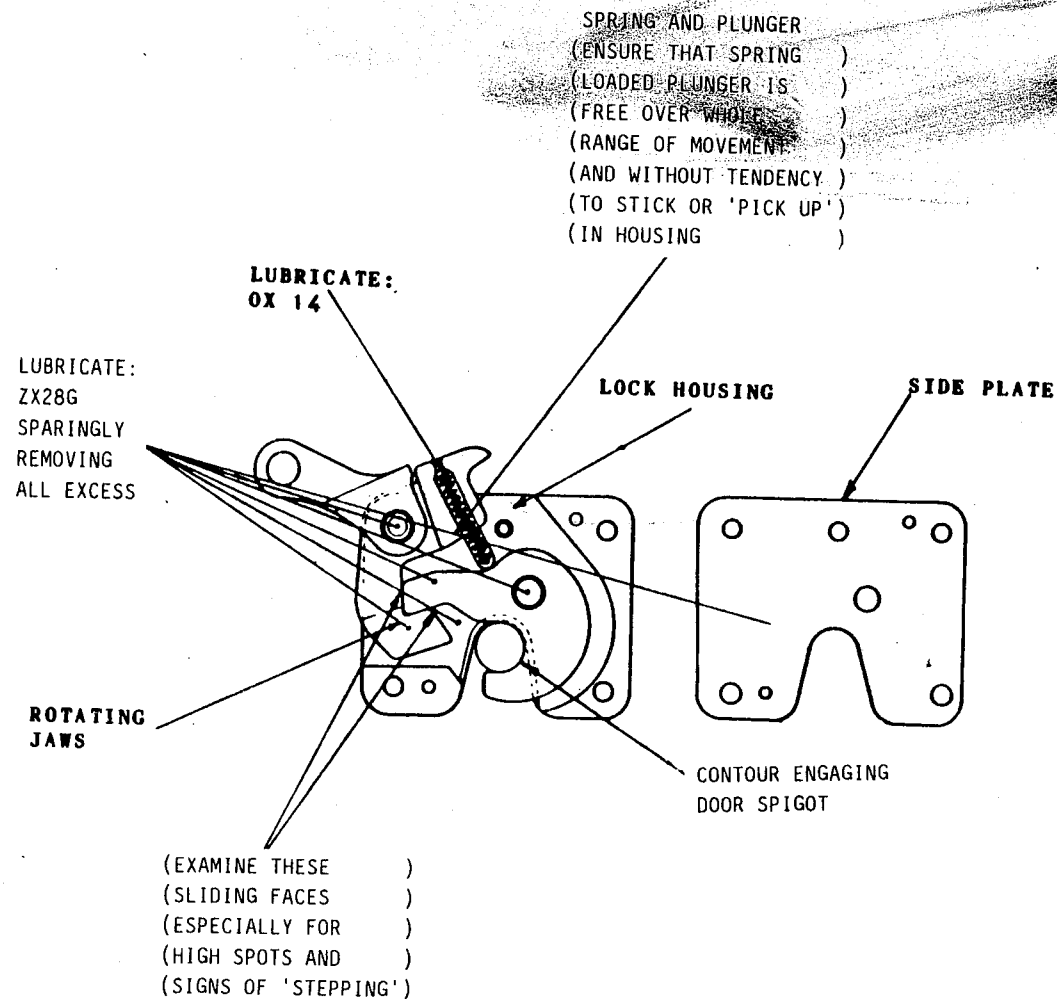


FIG 1

| | | | | | | | | | | | | | | | |
|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|---|---------------------|--|--|------------------------------------|---------------------|
| AIRFRAME SP 418 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| FRONT FUEL TANKS (MARSTON MANUFACTURE) - FRACTURE OF INTERNAL VENT HEAD NB: This Procedure is applicable only to Aircraft Pre Mod 458. | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF Prop | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | |
| NB: Inspect Port and Starboard front fuel tanks and identify any tanks of 'Marston' manufacture. Identification is made by removing fuel level float switch and inspecting aperture. A 'Marston' tank aperture will show a smooth metal bore, but in the case of 'Fireproof' made tank a layer of the rubber tank structure will be visible sandwiched between metal flanges. Any tanks of 'Fireproof' manufacture need no further action except an entry in the appropriate form that 'Fireproof' tanks are fitted. | | | | | | | | | | | | | | | |
| BLOCK 1 PROPULSION 1. <u>Port and Starboard Front Fuel Tanks</u> 1.1 Fuel level float switches. Remove. | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Examination</u> 2.1 Internal vent head. Look for fracture. | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| SMS/ 52 | | | | | | | | Continued | | | | | | | |

AIRFRAME
SP 418 (2)

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

FRONT FUEL TANKS (MARSTON MANUFACTURE) - FRACTURE OF INTERNAL VENT HEAD

| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | Code | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | SUPERVISOR | |
|--|------|-----------------|---------------------|---|-----------------|---------------------|
| | | MAN HRS 1 | INITS & TDM 2 | | MAN HRS 4 | INITS & TDM 5 |
| <p>BLOCK 1 AIRFRAME</p> <p>NB: Item 3 is applicable only if defect found in Item 2.</p> <p>3. <u>Rectification</u></p> <p>3.1 Fractured internal vent head. Complete fracture by repeated bending and remove the portion or portions from tank.</p> <p>NB: Sub-item 3.2 is applicable only if fractured portions of internal vent head cannot be recovered from tank.</p> <p>3.2 Front fuel tank. Replace.</p> | | | | | | |
| <p>BLOCK 2 PROPULSION</p> <p>4. <u>Completion</u></p> <p>4.1 Fuel level float switches. (Port and Starboard). Refit.</p> | | | | | | |
| | | | | | | |

SMS/ 52A

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|---|-------|-------|-------|---|--|--------------------------------------|--|---|---------------------|--|--|------------------------------------|---------------------|
| AIRFRAME SP 419 (1) (1 to 4) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| CONTROL TUBES - CRACKING | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Preparation</u> 1.1 Detachable spine fairings between hood and fin. Remove. | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Examination</u> 2.1 Elevator, aileron and rudder control tubes in spine. (a) Pt No A209620, Ref No 26FX/6201) Examine visually and particularly for Frames 13-14 to Frames 17-18.) signs of longitudinal cracking without (b) Pt No A180427, Ref No 26FX/299,) removing paint. Frames 17-18 to Frames 23-24.) NB: Sub-sub-item 2.1 (d) and (e) is applicable only to Mk7, 7A and 8B aircraft. (c) Pt No A169520, Ref No 26FX/300) Frames 23-24 to Frames 27-28.) Examine visually and particularly for (d) Pt No 199291, Ref No 26FX/6340) signs of longitudinal cracking without Frames 27-28 to Frames 32-33.) removing paint. | | | | | | | | | | | | | |
| SMS/53 | | | | | | | | Continued | | | | | |

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|--|--|---|--|--------------------------------------|-----------------|---|---|------------------------------------|---------------------|
| AIRFRAME SP 419 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | |
| CONTROL TUBES - CRACKING | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | |
| 2. Examination (Contd) | | | | | | | | | |
| 2.2 Elevator and rudder control tubes in spine. | | | | | | | | | |
| (a) Pt No A199284, Ref No 26FX/4113.) Frames 32-33 to Frames 38-39.) | | | | | | | | | |
| (b) Pt No A171699, Ref No 26FX/306.) Frames 38-39 to Frame 41.) | | | | | | | | | |
| (c) Pt No A171700, Ref No 26FX/325.) Frame 41 to Frames 45-46.) | | | | | | | | | |
| 2.3 Elevator, aileron and rudder control tubes in front fusealge (Tunnel behind seat). | | | | | | | | | |
| (a) (Between seats).) Pt No A166631 Ref No 26FX/276.) (2 off) and Pt No A217043) Ref No 26FX/NIV Mk7, 7A and 8B) aircraft.) | | | | | | | | | |
| NB: During Sub-item 2.4 fixing bolts are to be refitted in the positions from which they were removed. | | | | | | | | | |
| 2.4 Elevator and rudder control tubes in spine fairing. | | | | | | | | | |
| (a) Pt No A171700, Ref No 26FX/325) Frames 45-46 to Frames 48-49.) | | | | | | | | | |
| (b) Pt No B215730. Ref No 26FX/8184) Frames 48-49 to Frames 52-53) | | | | | | | | | |
| (c) Pt No A171701, Ref No 26FX/323) Frames 45-46 to Frames 48-49.) | | | | | | | | | |
| (d) Pt No A171704, Ref No 26FX/324) Frames 48-49 to Frames 51-52) | | | | | | | | | |
| SMS/ 53A | | | | Continued | | | | | |

| AIRFRAME SP 419 (3) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Air: Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
|--|--|---|--|--------------------------------------|--|---|-----------------|---|---|-----------------|---------------------|
| CONTROL TUBES - CRACKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| NB1: Item 3 is applicable only if defect found in Item 2. | | | | | | | | | | | |
| NB2: During item 3 fixing bolts are to be refitted in the positions from which they were removed. | | | | | | | | | | | |
| 3. <u>Rectification</u> | | | | | | | | | | | |
| 3.1 Defective control tube. Remove. | | | | | | | | | | | |
| 3.2 Replacement control tube. (i) Examine visually and particularly for signs of longitudinal cracking without removing paint. | | | | | | | | | | | |
| (ii) Fit. | | | | | | | | | | | |
| NB: Sub-item 3.3 is applicable only to control system where replacement control tube fitted in Sub-item 3.2 is adjustable. | | | | | | | | | | | |
| 3.3 Control system. Re-adjust in accordance with requirement of appropriate Topic 1 Sect 4. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 4. <u>Completion</u> | | | | | | | | | | | |
| NB: Sub-items 4.1 and 4.2 are to be carried out before hood fairing is fitted. | | | | | | | | | | | |
| 4.1 Hood fairing mating surfaces.) (i) Clean around all screw holes to ensure good metal to metal contact. | | | | | | | | | | | |
| 4.2 Fuselage mating surfaces.) (ii) Spray with PX-24 anti-corrosion fluid. (34B/224496). | | | | | | | | | | | |
| (To hood fairing).) | | | | | | | | | | | |

SMS/ 54

Continued

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|---|--|---|--|--------------------------------------|-----------------|---|---|------------------------------------|---------------------|
| AIRFRAME SP 420 (2) AL 1 | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | |
| AIR INTAKE SKINS - CRACKING | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | |
| NB1: Item 2 is applicable only if air intake skins are defective during examination detailed in Item 1. | | | | | | | | | |
| NB2: Skin replacement is only to be carried out when: (a) Skins are beyond economical repair. (b) Sub-structure requires replacement. (c) Number of external patch repairs become excessive and cannot be economically replaced by insertion repairs. | | | | | | | | | |
| 2. <u>Rectification</u> | | | | | | | | | |
| 2.1 Defective air intake skin. Repair in accordance with AP101B-(1301)-6A, Repair leaflet (1306) B3/7-MK7, 7A and 8B aircraft. | | | | | | | | | |
| 2.2 Extensive skin movement over Frame 27. Repair as detailed by instruction SKD3180 Issue B, obtained from Aerostructures Hamble Ltd. | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | |
| NB: Item 3 is applicable only if rivets attaching skins to frames are found to be loose during examination detailed in Item 1. | | | | | | | | | |
| 3. <u>Rectification</u> | | | | | | | | | |
| 3.1 Loose rivets. Replace. | | | | | | | | | |
| 3.2 Erosion resistant compound. Restore in accordance with STC ENG SI Volume 35(SEM) SEM/HUNTER/034/STC. | | | | | | | | | |
| SMS/ 4 A | | | | | | | | | |

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|---|-------|-------|-------|---|--|--------------------------------------|--|--|---------------------|---|--|------------------------------------|---------------------|
| AIRFRAME SP 421 (1) (1 to 4) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| AILERON NOSE BALANCE ASSEMBLY - LOOSE | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS SP 3 & 4 | | | | Code | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | |
| Probe - Aluminium Alloy Strip 1 in. x 1/8 in. x 1 ft (LM). | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | |
| 1. <u>Examination</u> NB: During Sub-item 1.1 (ii) examination of balance weight rivets can be facilitated by moving aileron up or down to its fullest extent. | | | | | | | | | | | | | |
| 1.1 Aileron. | | | | | | | | (i) Examine and particularly for any slight movement of nose balance weights using a suitable probe and with aid of a bright torch, by pushing on balance weight skin adjacent to attachment rivets. | | | | | |
| | | | | | | | | (ii) Examine and particularly for any loss or looseness of balance weight rivets. | | | | | |
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| SMS/ 56 | | | | | | | | | | | | | |

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| AIRFRAME SP 421 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| AILERON NOSE BALANCE ASSEMBLY - LOOSE | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 2 is applicable only if defect found in Item 1. 2. <u>Rectification</u> 2.1 Aileron. <ul style="list-style-type: none"> (i) Remove. (SP3). (ii) Drill out all the 1/8 in. diameter pop rivets attaching inboard and outboard balance weights to nose skin. (iii) Drill out 5/32 in. diameter pop rivets securing end tabs of each balance weight. (iv) Open out the 1/8 in. diameter holes to Morse 20 and the 5/32 in. diameter holes to Morse 11, except where stated on Fig 1. (v) Refit balance weights in accordance with Fig 1. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME NB: Item 3 is applicable only where holes in aileron skins or balance weights are found to have elongated beyond the diameter of the replacement rivets in Sub-item 2.1. 3. <u>Rectification</u> 3.1 Defective aileron. <p>Replace, ensuring that rectification as detailed in Sub-item 2.1 Operations (ii) to (v) inclusive has previously been carried out to replacement aileron.</p> | | | | | | | | | | | |
| SMS/ 56A | | | | | | Continued | | | | | |

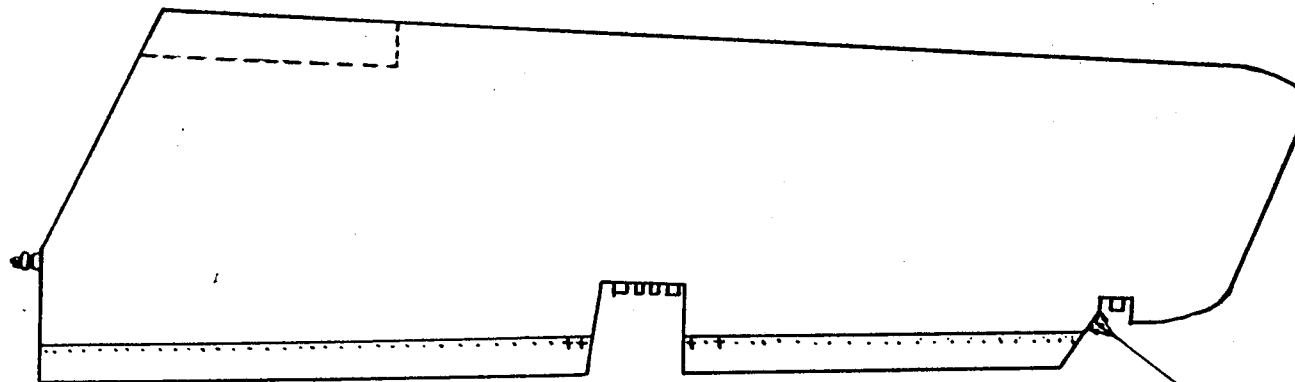
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AIRFRAME
SP 421 (4)

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

AILERON NOSE BALANCE ASSEMBLY - LOOSE



3 RIVETS IN SEALING ANGLE TO
BE AGS 2050/424
NOTE THESE 3 HOLES ARE TO REMAIN $\frac{1}{8}$ " DIA

FIG 1

SMS/ 58

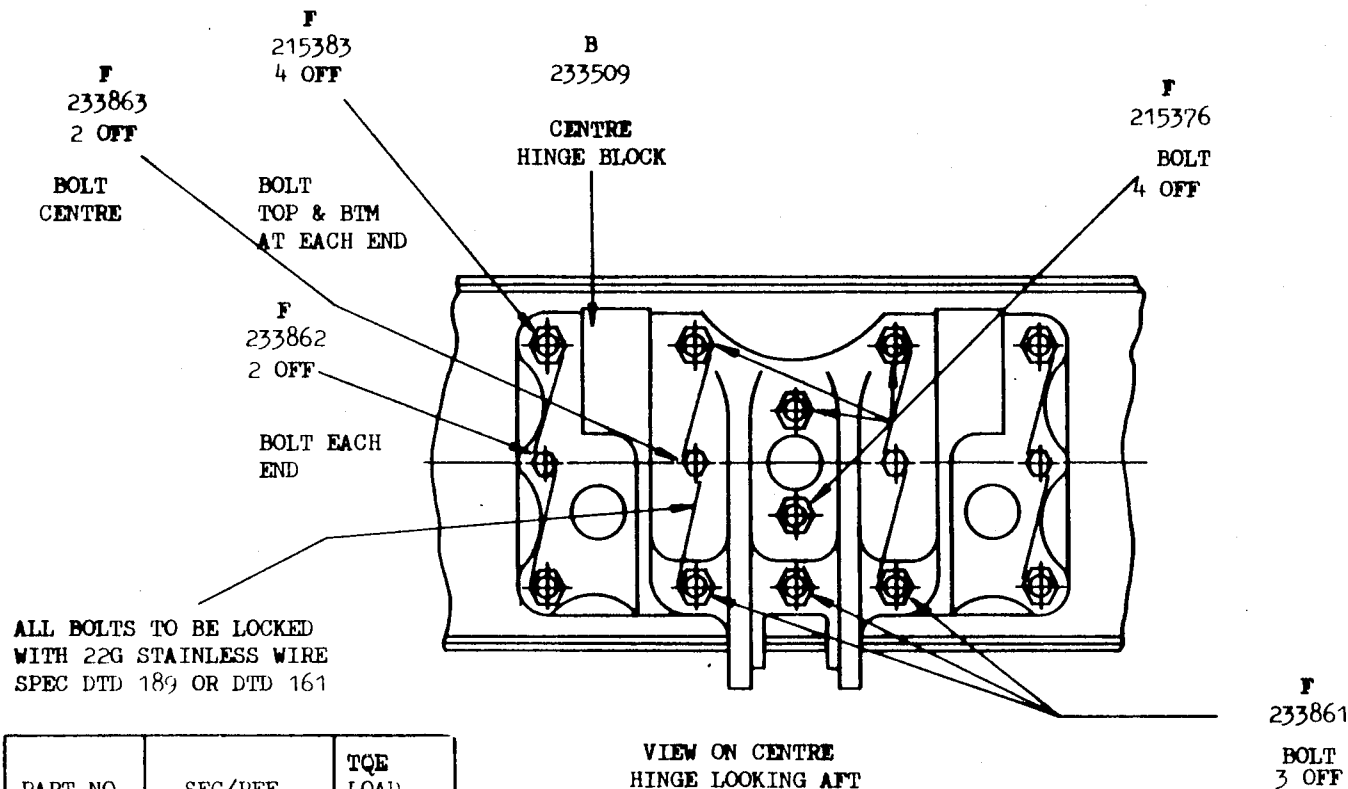
SMS 53D

HUN/5A3C/1.79

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|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|---|---------------------|--|--|------------------------------------|---------------------|
| AIRFRAME SP 422 (1) (1 to 3) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| AILERON CENTRE HINGE BLOCKS, RETAINING BOLTS FRACTURING | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | | | |
| Special Tools and Equipment: Ardrex Dye Penetrant Kit 33B/2242079 Epoxy Primer 33B/2204869 Paint Gloss, Light Aircraft Grey | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Preparation</u> 1.1 Centre hinge block securing bolt. (15 off). Remove. (Scrap). 1.2 Centre hinge block. Clean ensuring all paint and grease removed. | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Examination</u> 2.1 Centre hinge block. (i) Examine and particularly for distortion. (ii) Look for cracks. (UNIV/PFD/4). | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| SMS/ 59 | | | | | | | | | | Continued | | | | | |

[illegible]

AILERON CENTRE HINGE BLOCKS, RETAINING BOLTS - FRACTURING



| PART NO. | SEC/REF | TQE LOAD LBF INS |
|----------|-------------|------------------------|
| F215376 | 26FX/ 12323 | 50 |
| F215383 | 26FX/ 12883 | 50 |
| F233861 | 26FX/ 10935 | 50 |
| F233862 | 26FX/ 11210 | 30 |
| F233863 | 26FX/ 11211 | 30 |

FIG 1

| | | | | | | | | | | | | |
|--|-------|----------------|-------|---|--|--------------------------------------|------|--|---------------------|--|-----------------|---------------------|
| AIRFRAME SP 423(1) (1 to 4) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD RAF Form 2988B (Revised Jan 85) | | | | |
| RUDDER BAR ASSEMBLY - EXAMINATION OF LEVER AND STOP BOLT | | | | | | | | Aircraft Ser No: Date: | | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | SUPERVISOR | |
| | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF Wpns | M/HRS | TRADE Elect | M/HRS | ASSOCIATED PROCEDURE CARDS SP 21, 22, 51B, 52B, 125 | | | Code | | | | | |
| Special Tools and Equipment: Nil | | | | | | | | | | | | |
| BLOCK 1 WEAPONS 1. <u>Preparation</u> 1. Ejection seat. Remove. (SP 51B). | | | | | | | | | | | | |
| BLOCK 2 ELECTRICAL 2. <u>Preparation</u> 2.1 Main Instrument panel. Remove. 2.2 Leg panel. Remove. | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 3. <u>Preparation</u> 3.1 Rudder Bar Pedestal rear shield (Pt No A210153 or A204989). Remove. 3.2 Rudder Bar Stop Assembly. (a) Nut, AGS 2001/0/1 Remove and discard. (b) Washer.) (c) Retaining angle bracket) Remove. Pt No F199878.) | | | | | | | | | | | | |
| SMS/ 61 | | | | | | | | | | | | |

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|---|--|---|--|--------------------------------------|--|---|-----------------|---|---|-----------------|---------------------|
| AIRFRAME SP 423 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| RUDDER BAR ASSEMBLY - EXAMINATION OF LEVER AND STOP BOLT | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 3. <u>Preparation</u> (Contd) 3.2 Rudder Bar Stop Assembly. (d) Stop.) Remove (Pt No A199882 or A207292).) (e) Shims. Remove (Ensure retained). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME NB: Item 4 is applicable only if Stop Bolt is <u>not</u> scheduled for replacement. 4. <u>Examination</u> 4.1 Stop bolt. Examine and particularly for signs of (Pt No 199879). waisting at change of section from plain shank to threaded portion and excessive looseness in bracket. 4.2 Bolt, securing bracket on Examine and particularly for signs of rudder bar centre shaft. shear displacement - looseness in bracket. 4.3 Bracket on rudder bar Check for signs of elongation of bolt centre shaft. hole and security of attachment. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 61A | | | | | | Continued | | | | | |

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|--|--|--|--|--------------------------------------|--|---|-----------------|---|---|-----------------|---------------------|
| AIRFRAME SP 423 (3) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| RUDDER BAR ASSEMBLY - EXAMINATION OF LEVER AND STOP BOLT | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 5 is applicable only if Stop Bolt is scheduled for replacement or if defects are revealed in Item 4. 5. <u>Rectification</u> 5.1 Rudder Bar assembly. Remove. (SP 21). 5.2 Stop Bolt (Pt No. 199879). Replace. 5.3 Bolt.) (i) Replace. 5.4 Bracket.) (ii) Ensure flat of bolt and nut is uppermost and not fouling pedestal casting. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 6. <u>Assembling</u> NB: During Sub-item 6.1 (ii) where bolt threads do not protrude through nut it is permissible to discard washer under nut. 6.1 Rudder bar stop assembly. (a) Shims. Refit, ensuring identical number of shims removed in Sub-sub-item 3.2 (e). (b) Stop) (Pt No A199882 or A207292).) (c) Retaining angle bracket.) Refit. (Pt No F199879).) (d) Washer.) (e) Nut, AGS 20001/0/1. (i) Fit. (Torque loads 51bf/ft). (ii) Ensure bolt threads protrude through nut. (Do not over- tighten to achieve this). | | | | | | | | | | | |
| SMS/ 62 | | | | | | Continued | | | | | |

| AIRFRAME SP 423 (4) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | |
|---|--|--|--|--------------------------------------|-----------------|---|---|------------------------------------|---------------------|
| RUDDER BAR ASSEMBLY - EXAMINATION OF LEVER AND STOP BOLT | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | |
| 6. <u>Assembling</u> (Contd) | | | | | | | | | |
| 6.2 Rudder bar assembly. Refit. (SP 22). | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | |
| 7. <u>Completion</u> | | | | | | | | | |
| 7.1 Rudder bar pedestal rear shield. (i) Refit. (Pt No. A210253 or A204989). (ii) Lock with wire. (22 SWG chrome nickel). | | | | | | | | | |
| BLOCK 3 ELECTRICAL | | | | | | | | | |
| 8. <u>Completion</u> | | | | | | | | | |
| 8.1 Leg panel. Refit. | | | | | | | | | |
| 8.2 Main instrument panel. Refit. | | | | | | | | | |
| BLOCK 4 | | | | | | | | | |
| 9. <u>Testing</u> | | | | | | | | | |
| 9.1 Rudder controls. Carry out Range of Movement Check. (SP 125). | | | | | | | | | |
| BLOCK 5 WEAPONS | | | | | | | | | |
| 10. <u>Completion</u> | | | | | | | | | |
| 10.1 Ejection seat. Refit. (SP 52B). | | | | | | | | | |

SMS/ 62A

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|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|---|---------------------|--|--|------------------------------------|---------------------|--|--|
| AIRFRAME SP 424(1) (1 to 4) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| MAINPLANE OUTBOARD TOP SKIN - CRACKING | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 | | |
| TRADE AF NDT | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Ardox Dye Penetrant Kit. Hand Magnifying Glass. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME NB: Item 1 is applicable only if Visual examination is employed. 1. Examination 1.1 Mainplane outboard top skin forward of rear spar, between ribs S and T and outer aileron hinge rib. <div style="float: right;"> (i) Remove surface finish from around forward line of rivets. (ii) Examine using hand magnifying glass. (iii) Confirm any crack indications using UNIV/PFD/11. </div> | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 NDT NB: Item 2 is applicable only if NDT examination is employed. 2. Examination 2.1 Mainplane outboard top skin forward of rear spar between ribs S and T and between rib T and outer aileron hinge rib. <div style="float: right;"> Examine. (Hunter/EDD/7). </div> | | | | | | | | | | | | | | | | | | | |
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| SMS/ 63 | | | | | | | | | | | | | | | | | | | |

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| AIRFRAME SP 424 (2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| MAINPLANE OUTBOARD TOP SKIN - CRACKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITIALS & TDM 2 | 3 | MAN HRS 4 | INITIALS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 3. Examination Rivets on forward rivet line between ribs S and T and between rib T and outer aileron hinge rib. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| NB: Item 4 is applicable only if defects are found in Items 1 or 2. | | | | | | | | | | | |
| 4. Limitations | | | | | | | | | | | |
| 4.1 Cracks. Measure aggregate length. | | | | | | | | | | | |
| NB: Sub-item 4.2 is applicable only if cracks between ribs S and T measured in Sub-item 4.1 have an aggregate length of 4.5 inches or less and no cracking is evident between rib T and outer aileron hinge rib. | | | | | | | | | | | |
| 4.2 Aircraft documentation. Make a suitable entry that aircraft is serviceable to fly without restriction subject to further examination at next primary servicing. | | | | | | | | | | | |
| NB: Sub-item 4.3 is applicable only if cracks between ribs S and T measured in Sub-item 4.1 have an aggregate length of 4.5 and 5.0 inches and no cracking is evident between rib T and outer aileron hinge rib. | | | | | | | | | | | |
| 4.3 Aircraft documentation. Make a suitable entry that aircraft is serviceable to fly without restriction subject to further examination at next primary servicing. | | | | | | | | | | | |
| SMS/ 63A | | | | | | Continued | | | | | |

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| AIRFRAME SP 424 (3) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | |
| MAINPLANE OUTBOARD TOP SKIN - CRACKING | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | |
| 4. <u>Limitations</u> NB: Sub-item 4.4 is applicable only if cracks between ribs S and T and cracks between ribs T and outboard aileron hinge rib measured in Sun-item 4.1 have an aggregate length of 3.0 inches or less. | | | | | | | | | |
| 4.4 Aircraft documentation. | | | | Make a suitable entry that aircraft is serviceable to fly without restriction subject to further examination at next primary servicing. | | | | | |
| NB: Sub-item 4.5 is applicable only if cracking is evident between ribs S and T and also between rib T and outboard aileron hinge rib. | | | | | | | | | |
| 4.5 Cracks. | | | | (i) Record exact length and location. (ii) Forward record of cracks to RTO(A), HSA Ltd, KINGSTON with request for concession to fly aircraft. NB: Aircraft is not to be flown until concession is granted. | | | | | |
| NB: Sub-item 4.6 is applicable only if cracking between ribs S and T exceeds 5.0 inches or if cracking between rib T and outboard aileron hinge rib exceeds 3.0 inches. | | | | | | | | | |
| 4.6 Mainplane. | | | | Repair. (HSA Drawing RD 447). | | | | | |
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| SMS/ 64 | | | | Continued | | | | | |

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| AIRFRAME SP 425B(1) (1 to 6) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - FRONT FUSELAGE NB: This Procedure is applicable only to MK7, 7A and 8B Aircraft. | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS | INITS & TDM | | | | | MAN HRS | INITS & TDM |
| TRADE M/HRS TRADE M/HRS ASSOCIATED PROCEDURE CARDS | | | | | | | | | | | | | | | | | | | |
| AF Code | | | | | | | | | | | | | | | | | | | |
| Special Tools and Equipment: Greasing Tool, 26DM/95048. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Removal</u> 1.1 Crank shafts. (At control column bases).) Remove. 1.2 Control column assemblies.) | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Removal and Lubrication</u> 2.1 Rudder bar assemblies. Remove. 2.2 Rudder pedestal vertical shaft bearings. (i) Dismantle. (ii) Clean. (iii) Lubricate. (iv) Reassemble. (Grease, XG-287). | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 3. <u>Removal</u> 3.1 Universal joint assemblies at base of control columns. (i) Remove. (ii) Dismantle. (iii) Clean. | | | | | | | | | | | | | | | | | | | |
| SMS/ 65 | | | | | | | | | | | | | | | | | | | |

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| AIRFRAME SP 425B(2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - FRONT FUSELAGE | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 3. <u>Removal</u> (Contd) | | | | | | | | | | | |
| 3.2 Sprockets and forks at base) of control columns.) | | | | | | | | | | | |
| 3.3 Sprocket shafts at head of) control columns.) | | | | | | | | | | | |
| 3.4 Aileron torque shafts.) (2 off).) | | | | | | | | | | | |
| 3.5 Splined adapter bearing housings.) (Rear of torque tubes).) Remove. | | | | | | | | | | | |
| 3.6 Control link and lever. (Between) Port and Starboard rudder bars).) | | | | | | | | | | | |
| 3.7 Control tubes (2 off) (Between) Port rudder bar and control link,) and between control link and) Starboard rudder bar).) | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 4. <u>Lubrication and Assembling</u> | | | | | | | | | | | |
| 4.1 Bearings on sprockets and forks.) (Control column bases).) | | | | | | | | | | | |
| 4.2 Bearings on sprocket shafts.) (i) Clean. (Control column heads).) (ii) Lubricate. | | | | | | | | | | | |
| 4.3 Bearings on splined adapters.) (Grease, XG-287). | | | | | | | | | | | |
| 4.4 Bearings on crank shafts at) (iii) Reassemble. control column bases.) | | | | | | | | | | | |
| 4.5 Universal joint assemblies at) control column bases.) | | | | | | | | | | | |
| 4.6 Bearings on control link and lever) (Between Port and Starboard) rudder bars).) | | | | | | | | | | | |
| SMS/ 65A | | | | | | Continued | | | | | |

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| AIRFRAME SP 425B(3) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - FRONT FUSELAGE | | | | | | Aircraft Ser No: Date: | | | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 4. <u>Lubrication and Assembling</u> (Contd) | | | | | | | | | | | |
| 4.7 Bearings on control tubes) (i) Clean. (Between control link and Port and) (ii) Lubricate. (Grease, XG-287). Starboard rudder bars).) (iii) Reassemble. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 5. <u>Removal and Lubrication</u> | | | | | | | | | | | |
| 5.1 Control tubes.) (2 off) from hood fairing to) levers at floor.) | | | | | | | | | | | |
| 5.2 Control tube from aileron) two-position jack to hood) (i) Remove. fairing.) (ii) Clean. | | | | | | | | | | | |
| 5.3 Levers. (2 off Port and Starboard)) (iii) Lubricate. at aileron torque tube rear ends.) (Grease, XG-287). | | | | | | | | | | | |
| 5.4 Control tubes (2 off) from levers) at aileron torque to aileron two-) position jack assembly.) | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| 6. <u>Removal</u> | | | | | | | | | | | |
| 6.1 Control tube (From control link) and lever between rudder bars to) lever at Frames 8).) Remove. | | | | | | | | | | | |
| 6.2 Control tube (From rudder lever at) Frames 8 to lever at Frame 10).) | | | | | | | | | | | |
| SMS/ 66 | | | | | | Continued | | | | | |

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| AIRFRAME SP 425B(4) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - FRONT FUSELAGE | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 6. <u>Removal</u> (Contd) | | | | | | | | | | | |
| 6.3 Rudder lever at Frame 8.) | | | | | | | | | | | |
| 6.4 Control levers. (Frame 10).) | | | | | | | | | | | |
| 6.5 Torque shaft at Frame 10.) | | | | | | | | | | | |
| 6.6 Control tubes. (elevator)) Remove. | | | | | | | | | | | |
| Frame 9 to 10.) | | | | | | | | | | | |
| 6.7 Control levers (elevator)) | | | | | | | | | | | |
| at Frame 9.) | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 7.1 Bearings on control tube (From) | | | | | | | | | | | |
| control link and lever to lever at) | | | | | | | | | | | |
| Frame 8).) | | | | | | | | | | | |
| 7.2 Bearings on control tube (From) (i) Clean. | | | | | | | | | | | |
| rudder lever at Frame 8 to lever at) (ii) Lubricate. | | | | | | | | | | | |
| Frame 10). (Grease, XG-287) | | | | | | | | | | | |
| 7.3 Bearings on rudder lever at Frame 8.) | | | | | | | | | | | |
| 7.4 Bearings on levers at Frame 10.) | | | | | | | | | | | |
| 7.5 Bearing on torque shaft at Frame 10.) | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| 8. <u>Refitting and Lubrication</u> | | | | | | | | | | | |
| 8.1 Rudder bar assemblies. Refit. | | | | | | | | | | | |
| 8.2 Rudder bar connecting link pins.) | | | | | | | | | | | |
| 8.3 Top centre bearings (Rudder bars).) Lubricate. | | | | | | | | | | | |
| 8.4 Rudder bar adjustment link pins.) (Oil, OX-14). | | | | | | | | | | | |
| SMS/ 66A | | | | | | Continued | | | | | |

RAF Form 2988B
(Revised Jan 85)

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|-------|-------------------------------------|---|--------|-------------------|
| 10.1 | Control tubes. (Elevator) |) | (i) | Clean. |
| | (Frame 9 to Frame 10). |) | (ii) | Lubricate. |
| 10.2 | Control levers (Elevator). |) | | (Grease, XG-287). |
| | (Frame 9). |) | | |
| 10.3 | Control tube (From control link |) | | |
| | and lever between rudder bars to |) | | |
| | lever at Frame 8). |) | | |
| 10.4 | Control tube (From rudder lever at |) | | |
| | Frame 8 to lever at Frame 10). |) | | |
| 10.5 | Rudder lever at Frame 8. |) | | |
| 10.6 | Control levers at Frame 10. |) | | |
| 10.7 | Torque shaft at Frame 10. |) | | |
| 10.8 | Control levers (Elevator) |) | | |
| | at Frame 9. |) | | |
| 10.9 | Control tubes (Elevator) Frame 9 |) | Refit. | |
| | to Frame 10). |) | | |
| 10.10 | Control tubes (2 off) from hood |) | | |
| | fairing to levers at floor. |) | | |
| 10.11 | Control tube, hood fairing to |) | | |
| | aileron two-position jack. |) | | |
| 10.12 | Levers (2 off) at aileron torque |) | | |
| | tube rear ends. |) | | |
| 10.13 | Control tubes (2 off) from levers |) | | |
| | at aileron torque tube rear ends to |) | | |
| | aileron two-position jack. |) | | |

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| AIRFRAME SP 426 (3) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - CENTRE FUSELAGE | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 3. <u>Lubrication and Assembling</u> 3.1 Control tube bearings. (i) Clean. (ii) Lubricate. (Grease, XG-287). 3.2 Idling link bearings. (i) Clean. (ii) Lubricate. (Grease, XG-287). (iii) Reassemble. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 4. <u>Removal and Lubrication</u> 4.1 Aileron control tubes, Port and Starboard (From control link and lever assembly to fuselage shoulder lever). Remove. 4.2 Aileron control tubes, Port and Starboard (From fuselage shoulder lever to wing root). Disconnect at upper ends. 4.3 Aileron levers (Port and Starboard at fuselage shoulder position).) (i) Remove.) (ii) Dismantle.) (iii) Lubricate. 4.4 Aileron control link and lever assembly. (Under spine).) (iv) Reassemble. | | | | | | | | | | | |
| SMS/ 69 | | | | | | Continued | | | | | |

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| AIRFRAME SP 426(4) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - CENTRE FUSELAGE | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 4. <u>Removal and Lubrication</u> (Contd) | | | | | | | | | | | |
| 4.5 Bearings on aileron control tubes) (From control link and lever) (i) Clean. assembly to fuselage shoulder lever).) (ii) Lubricate. | | | | | | | | | | | |
| 4.6 Bearing on aileron control tubes) upper end. (Wing root to fuselage) shoulder lever).) (Grease, XG-287). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 5. <u>Refitting</u> | | | | | | | | | | | |
| 5.1 Aileron levers (Port and Starboard Refit. at fuselage shoulder position). | | | | | | | | | | | |
| NB: During Sub-item 5.2 ensure Torque shaft has end float of between 0.010 in. and 0.020 in. by adjusting shim washer between spool of lower lever and lower bearing. | | | | | | | | | | | |
| 5.2 Aileron control link and lever Refit, ensuring holding bolts peened assembly. (Under spine). over. | | | | | | | | | | | |
| 5.3 Aileron control tubes Port and Reconnect at upper ends. Starboard (From wing root to fuselage shoulder lever). | | | | | | | | | | | |
| 5.4 Aileron control tubes Port and) Starboard (Control link and lever) Refit, ensuring heads of control tube assembly to fuselage shoulder lever).) bolts inboard at Frames 33/34 and | | | | | | | | | | | |
| 5.5 Idling links (Frames 17B/18A,) Frames 38/39 positions. 23/24, 27/28, 33/34 and 38/39.) | | | | | | | | | | | |
| SMS/ 69A | | | | | | Continued | | | | | |

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| AIRFRAME SP 427(1) (1 to 6) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - MAINPLANES | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF Elect | M/HRS | TRADE AC | M/HRS | ASSOCIATED PROCEDURE CARDS SP 16, 434, 27, 28. | | | Code | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | |
| Greasing Tool, 26DM/95048. | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | |
| 1. <u>Removal</u> | | | | | | | | | | | | | |
| 1.1 Port mainplane. Remove. (SP 27). | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | |
| 2. <u>Removal</u> | | | | | | | | | | | | | |
| 2.1 Starboard mainplane. Remove. (SP 27). | | | | | | | | | | | | | |
| BLOCK 3 ELECTRICAL | | | | | | | | | | | | | |
| 3. <u>Removal</u> | | | | | | | | | | | | | |
| 3.1 Electrical connections. Disconnect. (Port and Starboard mainplane). (SP 27). | | | | | | | | | | | | | |
| BLOCK 4 AIR COMMS | | | | | | | | | | | | | |
| 4. <u>Removal</u> | | | | | | | | | | | | | |
| 4.1 Aerials. Disconnect. (Port and Starboard mainplanes). (SP 27). | | | | | | | | | | | | | |
| SMS/ 71 | | | | | | | | | | | | | |

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| AIRFRAME SP 427(2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - MAINPLANES | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 5. <u>Removal (Port and Starboard)</u> | | | | | | | | | | | |
| 5.1 Aileron control tube between) tail Ribs 'D' and 'E' to) between tail Ribs 'G' and 'K'.) | | | | | | | | | | | |
| 5.2 Aileron control tube between) tail Ribs 'G' and 'K' to) between tail Ribs 'L' and 'M'.) Remove. | | | | | | | | | | | |
| 5.3 Aileron control tube between) tail Ribs 'L' and 'M' to lever) group at hydrobooster.) | | | | | | | | | | | |
| 5.4 Aileron control tube from lever) at wing root to between tail) Ribs 'D' and 'E'.) | | | | | | | | | | | |
| 5.5 Inboard aileron control tube. Examine. (SP 434). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 6. <u>Removal (Port and Starboard)</u> | | | | | | | | | | | |
| 6.1 Aileron lever at wing root.) | | | | | | | | | | | |
| 6.2 Idling link between tail Ribs 'D') and 'E'.) | | | | | | | | | | | |
| 6.3 Idling link between tail Ribs 'G') Remove. and 'K'.) | | | | | | | | | | | |
| 6.4 Aileron lever between tail Ribs 'L') and 'M'.) | | | | | | | | | | | |
| | | | | | | | | | | | |

SMS/ 71A

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| AIRFRAME SP 427(3) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - MAINPLANES | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 7. <u>Lubrication</u> | | | | | | | | | | | |
| 7.1 Bearings on idling links.) (i) Dismantle. | | | | | | | | | | | |
| 7.2 Bearings on aileron control lever) (ii) Clean. | | | | | | | | | | | |
| between tail ribs 'L' and 'M'.) (iii) Lubricate. | | | | | | | | | | | |
| (iv) Reassemble. | | | | | | | | | | | |
| 7.3 Bearings on aileron lever at wing) | | | | | | | | | | | |
| root.) | | | | | | | | | | | |
| 7.4 Bearings on control tube wing root) | | | | | | | | | | | |
| to between tail Ribs 'D' and 'E'.) | | | | | | | | | | | |
| 7.5 Bearings on control tube between) (i) Clean. | | | | | | | | | | | |
| tail Ribs 'D' and 'E' to between) (ii) Lubricate. | | | | | | | | | | | |
| tail Ribs 'G' and 'K'.) (Grease, XG-287). | | | | | | | | | | | |
| 7.6 Bearings on control tube between) | | | | | | | | | | | |
| tails Ribs 'G' and 'K' to between) | | | | | | | | | | | |
| tail Ribs 'L' and 'M'.) | | | | | | | | | | | |
| 7.7 Bearings on control tube between) | | | | | | | | | | | |
| tail Ribs 'L' and 'M' to lever) | | | | | | | | | | | |
| group at hydrobooster.) | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 8. <u>Refitting</u> | | | | | | | | | | | |
| 8.1 Idling links between tail) | | | | | | | | | | | |
| Ribs 'D' and 'E' and 'G' and 'K'.) | | | | | | | | | | | |
| 8.2 Aileron control lever between tail) Refit. | | | | | | | | | | | |
| Ribs 'L' and 'M'.) | | | | | | | | | | | |
| 8.3 Aileron lever at wing root.) | | | | | | | | | | | |
| SMS/ 72 | | | | | | Continued | | | | | |

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| AIRFRAME SP 427(4) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - MAINPLANES | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 8. <u>Refitting</u> (Contd) | | | | | | | | | | | |
| 8.4 Control tube wing root to between) tail Ribs 'D' and 'E'.) | | | | | | | | | | | |
| 8.5 Control tube between tail Ribs 'D') Refit. and 'E' to between tail Ribs 'G') and 'K'.) | | | | | | | | | | | |
| 8.6 Control tube between tail Ribs 'G') and 'K' to between tail Ribs 'L') and 'M'.) | | | | | | | | | | | |
| 8.7 Control tube between tail Ribs 'L') Refit, leaving hydrobooster end and 'M' to lever group at) disconnected. hydrobooster.) | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 9. <u>Removal</u> | | | | | | | | | | | |
| 9.1 Aileron lever and shackle group Remove. at hydrobooster. (SP 16). | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| 10. <u>Examination and Lubrication</u> | | | | | | | | | | | |
| 10.1 Bearing on aileron output rod.) (i) Examine. | | | | | | | | | | | |
| 10.2 Bearing on shackle at forward end) (ii) Ensure freedom of movement. of aileron output rod.) | | | | | | | | | | | |
| SMS/ 72A | | | | | | Continued | | | | | |

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| AIRFRAME SP 427(5) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - MAINPLANES | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | MAN HRS 4 | | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 10. <u>Examination and Lubrication</u> (Contd) | | | | | | | | | | | |
| 10.3 Bearing on rear end of hydrobooster.) (i) Clean. | | | | | | | | | | | |
| 10.4 Bearing on forward end of shackle.) (ii) Lubricate. | | | | | | | | | | | |
| 10.5 Bearing on rear end of input lever.) (Grease, XG-287). | | | | | | | | | | | |
| 10.6 Aileron bearings.) | | | | | | | | | | | |
| 10.7 Hydrobooster servo valve operating linkage. Lubricate. (Oil, OX-14). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 11. <u>Refitting</u> | | | | | | | | | | | |
| 11.1 Aileron lever and shackle group at hydrobooster. Refit. (SP 16). | | | | | | | | | | | |
| 11.2 Aileron control tube between tail Ribs 'L' and 'M' to lever group at hydrobooster. Reconnect to input lever at hydrobooster. | | | | | | | | | | | |
| BLOCK 3 ELECTRICAL | | | | | | | | | | | |
| 12. <u>Fitting</u> | | | | | | | | | | | |
| 12.1 Electrical connections. (Port and Starboard mainplanes). Reconnect. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 73 | | | | | | Continued | | | | | |

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| AIRFRAME SP 428(1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| FIN SKIN AT INTER - SPAR RIB A - RIVETS LOOSE OR SHEARED | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | | SUPERVISOR | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | | MAN HRS 4 | INITS & TDM 5 | |
| TRADE | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | | | | | |
| AF | | | | | | | | | | | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | | | | | |
| 1.1 Tailplane fairings. Remove. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 2. Examination | | | | | | | | | | | | | | | | | | | |
| 2.1 Rivets securing skin along bottom of fin to interspar Rib 'A'. Examine. | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 3. Rectification | | | | | | | | | | | | | | | | | | | |
| 3.1 Loose or sheared rivets. Remove. | | | | | | | | | | | | | | | | | | | |
| 3.2 Rivet holes. | | | | | | | | | | | | | | | | | | | |
| (i) Open out to Morse 20. | | | | | | | | | | | | | | | | | | | |
| (ii) Countersink 0.04 in. deep at 120 degrees. | | | | | | | | | | | | | | | | | | | |
| (iii) Insert 5/32 in. pop rivets, AGS2051/530/8H, 28Q/9212. | | | | | | | | | | | | | | | | | | | |
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| SMS/ 74 | | | | | | | | | | Continued | | | | | | | | | |

HUN/5A3C/09

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| AIRFRAME SP 429(2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - REAR FUSELAGE | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 2. <u>Lubrication</u> | | | | | | | | | | | |
| 2.1 Elevator lever at Frames 48, 49.) (i) Remove. | | | | | | | | | | | |
| 2.2 Rudder lever at Frames 48,49.) (ii) Dismantle. | | | | | | | | | | | |
| (iii) Lubricate. | | | | | | | | | | | |
| (Grease, XG-287). | | | | | | | | | | | |
| (iv) Reassemble. | | | | | | | | | | | |
| (v) Refit. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 3. <u>Lubrication and Refitting</u> | | | | | | | | | | | |
| 3.1 Bearing on rudder control tube.) | | | | | | | | | | | |
| (Frames 48, 49 to idling link) | | | | | | | | | | | |
| in fin).) | | | | | | | | | | | |
| 3.2 Bearings on elevator control tube.) (i) Clean. | | | | | | | | | | | |
| (Frames 48, 49 to lever at) (ii) Lubricate. | | | | | | | | | | | |
| hydrobooster).) (Grease, XG-287). | | | | | | | | | | | |
| 3.3 Bearings on control tubes.) | | | | | | | | | | | |
| (Frames 41 to Frames 45, 46 and) | | | | | | | | | | | |
| Frames 45, 46 to levers at) | | | | | | | | | | | |
| Frames 48, 49).) | | | | | | | | | | | |
| 3.4 Idling links at Frames 41 and (i) Dismantle. | | | | | | | | | | | |
| Frames 45, 46. (ii) Lubricate. | | | | | | | | | | | |
| (Grease, XG-287). | | | | | | | | | | | |
| (iii) Reassemble. | | | | | | | | | | | |
| (iv) Refit. | | | | | | | | | | | |
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SMS/ 75A

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| AIRFRAME SP 430(1) (1 to 2) | | | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | SERVICING RECORD Aircraft Ser No: Date: | | | RAF Form 2988B (Revised Jan 85) | | | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - TAIL UNIT | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | | | | | | | |
| AF | | | | | | | | | | | Code | | | | | | | |
| <u>Special Tools and Equipment:</u> Greasing Tool, 26DM/95048. | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | |
| 1. Removal | | | | | | | | | | | | | | | | | | |
| 1.1 Control tube idling link in fin) to vertical lever in fin.) | | | | | | | | | | | | | | | | | | |
| 1.2 Control tube vertical lever in fin) Remove. to horizontal lever at rear of fin.) | | | | | | | | | | | | | | | | | | |
| 1.3 Link from horizontal lever in fin) to rudder.) | | | | | | | | | | | | | | | | | | |
| 1.4 Rudder vertical lever in fin.) (i) Remove. | | | | | | | | | | | | | | | | | | |
| 1.5 Rudder horizontal lever in fin.) (ii) Dismantle. | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | | | | |
| 2. Lubrication | | | | | | | | | | | | | | | | | | |
| 2.1 Bearings on rudder vertical) (i) Clean. lever in fin.) (ii) Lubricate. | | | | | | | | | | | | | | | | | | |
| 2.2 Bearings on rudder horizontal) (Grease, XG-287). lever in fin.) | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| SMS/ 77 | | | | | | | | | | | | Continued | | | | | | |

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| AIRFRAME SP 430 (2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| FLYING CONTROL LUBRICATION AND BEARING EXAMINATION - TAIL UNIT | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 3. <u>Lubrication</u> | | | | | | | | | | | |
| 3.1 Bearings on control tube, idling) link to vertical lever in fin.) | | | | | | | | | | | |
| 3.2 Bearings on control tube in fin,) vertical lever to horizontal lever.) | | | | | | | | | | | |
| 3.3 Bearings on link horizontal lever) (i) Clean. to rudder.) (ii) Lubricate. | | | | | | | | | | | |
| 3.4 Bearing (Main) on elevator) universal joint assembly.) (Grease, XG-287). | | | | | | | | | | | |
| 3.5 Rudder upper and lower hinge) bearings.) | | | | | | | | | | | |
| 3.6 Elevator outer hinge bearings.) | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 4. <u>Refitting</u> | | | | | | | | | | | |
| 4.1 Rudder vertical lever in fin.) (i) Reassemble. | | | | | | | | | | | |
| 4.2 Rudder horizontal lever in fin.) (ii) Refit. | | | | | | | | | | | |
| 4.3 Control tube idling link in fin) to vertical lever in fin.) | | | | | | | | | | | |
| 4.4 Control tube vertical lever in fin) Refit. to horizontal lever at rear of fin.) | | | | | | | | | | | |
| 4.5 Link from horizontal lever in fin) to rudder.) | | | | | | | | | | | |
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SMS/ 77A

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|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|------|--|---|---------------------|---|--|------------------------------------|---------------------|--|--|
| AIRFRAME SP 431(1) (1 to 3) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| MAINPLANE LOWER SKIN - CRACKING | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | MAN HRS 4 | INITS & TDM 5 | | |
| TRADE | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | | | | | |
| AF | | | | | | | | | | | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Ardrox Dye Penetrant Kit. | | | | | | | | | | | | | | | | | | | |
| NB: On aircraft finished with polyurethane paint, the paint surface is to be treated only with an approved polyurethane paint remover, removing as much paint as possible by this means. Where the paint is resistant to the paint remover, it should be left, as this hard surface is capable of revealing any cracks satisfactorily. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME NB: Item 1 is not applicable if surface finish has been replaced by application of clear lacquer provided that skin can be clearly seen and lacquer is in good condition. 1. <u>Preparation</u> 1.1 Mainplane lower skin. (Wing fillet joint, including four rivet rows attaching mainspar to skin from nose Rib A, and 15 in outboard (BUT EXCLUDING SKIN COVERED BY CAPPING STRIPS D198855/3 AND D198856/3). Remove surface finish. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2.1 <u>Examination</u> 2.1 Skin. (Area identified in Sub-item 1.1). Look for cracks using UNIV/PFD/11 or hand magnifier. | | | | | | | | | | | | | | | | | | | |
| SMS/ 78 | | | | | | | | | | | | | | | | | | | |

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| AIRFRAME SP 431 (2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| MAINPLANE LOWER SKIN - CRACKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| NB: Item 3 is applicable only if defect found in Item 2. | | | | | | | | | | | |
| 3. <u>Assessment</u> | | | | | | | | | | | |
| 3.1 Cracks. Measure total length. | | | | | | | | | | | |
| NB: Sub-item 3.2 is applicable only if cracks measured in Sub-item 3.1 have a total length of up to 2 in. | | | | | | | | | | | |
| 3.2 Aircraft documentation. | | | | | | | | | | | |
| (i) Make suitable entry that aircraft is serviceable to fly without restriction subject to further examination at next scheduled servicing. | | | | | | | | | | | |
| (ii) Make suitable entry to call up this SP at next scheduled servicing. | | | | | | | | | | | |
| NB: Sub-item 3.3 is applicable only if cracks measured in Sub-item 3.1 have a total length of between 2 and 4 in. | | | | | | | | | | | |
| 3.3 Aircraft documentation. | | | | | | | | | | | |
| (i) Make suitable entry that aircraft is serviceable to fly without restriction subject to further examination at each 10 flying hours interval. | | | | | | | | | | | |
| (ii) Make suitable entry to call up this SP at each 10 flying hour interval. | | | | | | | | | | | |

SMS/ 78A

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| AIRFRAME SP 431 (3) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| MAINPLANE LOWER SKIN - CRACKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 3. <u>Assessment</u> (Contd) NB: Sub-item 3.4 is applicable only if cracks measured in Sub-item 3.1 have a total length of between 4 and 6 in. 3.4 Aircraft documentation. <ul style="list-style-type: none"> (i) Make suitable entry that aircraft is serviceable to fly without restriction subject to further examination at each after flight servicing. (ii) Make suitable entry to call up this SP at each after flight servicing. 3.5 Aircraft. <p>Request categorisation (DCI (GEN) S21/74 or Superseding Instruction) Quote Fatigue Index of mainplane.</p> NB: Sub-item 3.6 is applicable only if cracks measured in Sub-item 3.1 have a total length exceeding 6 in. 3.6 Mainplane. <p>Repair.</p> | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 4. <u>Completion</u> 4.1 Skin. <ul style="list-style-type: none"> (i) Restore surface finish or apply clear lacquer. (ii) Identify ends of cracks by painting a red line 1/2 in. long x 1/16 in. wide at 90° across crack extremities. | | | | | | | | | | | |
| SMS/ 79 | | | | | | | | | | | |

SMS 53B

HUN/5A3C/1.117

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| AIRFRAME SP 432(1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| MAIN UNDERCARRIAGE - LEVER OPERATING SPINDLE ON LEG FAIRING LOCK MECHANISM - LOOSE | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 | |
| TRADE | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | | | |
| AF | | | | SP 414 | | | | | | | | | | | |
| <u>Special Tools and Equipment:</u> Nil | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | |
| 1. <u>Examination</u> 1.1 Leg fairing lock mechanism clamping bolt on micro switch operating lever. (i) Ensure tight. (ii) Ensure correct positioning of operating spindle. 1.2 Plunger assembly. (i) Ensure lying parallel to aircraft structure. (ii) Ensure free to move over complete travel of leg fairing lock lever. | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | |
| NB: Item 2 is applicable only if defect found in Sub-item 1.1 Operation (i). 2. <u>Rectification</u> 2.1 Stiffnut. Replace. | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| SMS/ 80 | | | | | | | | | | Continued | | | | | |

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|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|-----------|--|---|---------------------|---|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 433(1) (1 to 4) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE HYDRAULIC COMPONENTS - BLEEDING AND FUNCTIONAL CHECKS | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF ELECT | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil | | | | | | | | | | | | | | | | | | | |
| NB: Undercarriage jacks are not to move until mechanically operated sequence valves are activated by wheel doors reaching fully down position. During testing ascertain that friction in undercarriage pivots is not holding the leg up, and the leg is able to resist any attempt by hand loading to lower. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | | | | | |
| 1.1 Aircraft. Raise on jacks. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 ELECTRICAL | | | | | | | | | | | | | | | | | | | |
| 2. Preparation | | | | | | | | | | | | | | | | | | | |
| 2.1 External electrical supply. (i) Connect. (ii) Switch on. | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 3. Preparation | | | | | | | | | | | | | | | | | | | |
| 3.1 Main and Nose undercarriage jacks. Bleed. (Using rig/hand pump). | | | | | | | | | | | | | | | | | | | |
| 3.2 Main and Nose undercarriage door jacks. Bleed. (Using rig/hand pump). | | | | | | | | | | | | | | | | | | | |
| SMS/ 81 | | | | | | | | | | Continued | | | | | | | | | |

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| AIRFRAME SP 433 (2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE HYDRAULIC COMPONENTS - BLEEDING AND FUNCTIONAL CHECKS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 4. <u>Testing</u> 4.1 Main undercarriage. | | | | | | | | | | | |
| (i) Select 'UP'. (ii) Retract using aircraft handpump. (iii) Select 'DOWN' and pump slowly until wheel doors have lowered approximately 17 degrees at which point leg fairing locks should be open. (iv) Cease pumping. (v) Ensure Port and Starboard legs do not drop out of open locks. (vi) Continue pumping slowly and ensure that Port and Starboard legs do not drop before wheel door are fully down. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| NB: Item 5 is applicable only if a leg drops when wheel door is below 17 degrees but not fully down in Sub-item 4.1 Operation (vi). | | | | | | | | | | | |
| 5. <u>Rectification</u> 5.1 Pressure sequence valve, Port - 27Q/70829. Starboard - 27Q/70830. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 81A | | | | | | Continued | | | | | |

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| AIRFRAME SP 433 (3) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE HYDRAULIC COMPONENTS - BLEEDING AND FUNCTIONAL CHECKS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 6 is applicable only if a leg drops when wheel door is below 17 degrees but not fully down and no defect found in Item 5. 6. <u>Rectification</u> 6.1 Door operated sequence valves. <div style="display: inline-block; vertical-align: top; margin-left: 20px;"> (i) Remove. (ii) Test. (iii) Fit new or bay serviced item. </div> | | | | | | | | | | | |
| BLOCK 2 AIRFRAME NB: Item 7 is applicable only if a leg drops when wheel door is below 17 degrees but not fully down and no defect found in Items 5 or 6. 7. <u>Rectification</u> 7.1 Undercarriage jack. <div style="display: inline-block; vertical-align: top; margin-left: 20px;"> (i) Remove. (ii) Test. (iii) Fit new or bay serviced item. </div> | | | | | | | | | | | |
| BLOCK 3 AIRFRAME NB: Item 8 is applicable only if a leg drops when wheel door is below 17 degrees but not fully down and no defect found in Items 5 6 or 7. 8. <u>Rectification</u> 8.1 Undercarriage thermal relief valves. <div style="display: inline-block; vertical-align: top; margin-left: 20px;"> (i) Remove. (ii) Test. (iii) Fit new or bay serviced item. </div> | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 82 | | Continued | | | | | | | | | |

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| AIRFRAME SP 433 (4) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE HYDRAULIC COMPONENTS - BLEEDING AND FUNCTIONAL CHECKS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 9 is applicable only Items 5, 6, 7 or 8 have been carried out. 9. <u>Testing</u> 9.1 Main undercarriage. Repeat Item 4. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 10. <u>Completion</u> 10.1 Undercarriage. Ensure locked down. | | | | | | | | | | | |
| BLOCK 3 ELECTRICAL 11. <u>Completion</u> 11.1 External electrical power supply. (i) Switch off. (ii) Disconnect. | | | | | | | | | | | |
| BLOCK 4 AIRFRAME 12. <u>Completion</u> 12.1 Aircraft. Lower to ground. | | | | | | | | | | | |
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| SMS/ 82A | | | | | | | | | | | |

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|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|---|---------------------|--|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 434(1) (1 to 3) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| AILERON CONTROL TUBES IN MAINPLANE - INSPECTION | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | | | | | | | | |
| AF | | | | | | | | | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Probe Light, 5A/4310. | | | | | | | | | | | | | | | | | | | |
| NB: During examination the ailerons should be exercised to their full extremes in order to expose as much of the tubes as possible. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. Examination | | | | | | | | | | | | | | | | | | | |
| 1.1 Flaps. Lower. | | | | | | | | | | | | | | | | | | | |
| 1.2 Inboard access door in flap shroud Port mainplane marked ELECTRICAL CONNECTIONS. Remove. | | | | | | | | | | | | | | | | | | | |
| 1.3 Port aileron control tube. Examine as far as possible and particularly for cracks using probe light, 5A/4310. | | | | | | | | | | | | | | | | | | | |
| NB: During Sub-item 1.4 Access is only possible through flap inboard hinge aperture. | | | | | | | | | | | | | | | | | | | |
| 1.4 Starboard aileron control tube. Examine as far as possible and particularly for cracks using probe light, 5A/4310. | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| SMS/ 83 | | | | | | | | | | | | Continued | | | | | | | |

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| AIRFRAME SP 434(2) | | SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| AILERON CONTROL TUBES IN MAINPLANE - INSPECTION | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 2. Preparation | | | | | | | | | | | |
| 2.1 Access panels in flap. Port and Starboard shroud cover. | | | | | | | | | | | |
| (a) Inboard of flap operating) lever.) | | | | | | | | | | | |
| (b) Between flap centre hinge and) operating lever.) Remove. | | | | | | | | | | | |
| (c) Between centre and outboard) flap hinges.) | | | | | | | | | | | |
| (d) Outboard of the outboard flap) hinge.) | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 3. Preparation | | | | | | | | | | | |
| NB: During Sub-item 3.1 move controls to expose maximum amount of tubing. | | | | | | | | | | | |
| 3.1 Aileron control tube run. Examine as far as possible and particularly for cracks through access panels using probe light, 5A/4310. | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| NB: Item 4 is applicable only at mainplane removal. | | | | | | | | | | | |
| 4. Examination | | | | | | | | | | | |
| 4.1 Inboard aileron control tube. (i) Remove. (ii) Examine and particularly for cracks. (iii) Refit. | | | | | | | | | | | |
| SMS/ 83A | | | | | | Continued | | | | | |

[illegible]

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| AIRFRAME SP 435A (1) (1 to 2) AL 22 | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP 101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date: | | | | | |
| PYLON MOUNTING BRACKETS NOSE RIB J - CRACKING (Mk 6A AND 9 AIRCRAFT) | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | MAN HRS 4 | INITS & TDM 5 |
| | | | | | | | | TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | |
| <u>Special Tools and Equipment:</u> Probe Illuminator, 5A/4310. | | | | | | | | | | | | | |
| BLOCK 1 | | | | | | | | | | | | | |
| 1. <u>Preparation</u> 1.1 Access panel No 2 (Port and Starboard mainplanes). | | | | | | | Remove. | | | | | | |
| BLOCK 2. | | | | | | | | | | | | | |
| 2.1 Pylon mounting brackets Pt No B198366-7 and Pt No B198368-9, outer face of nose Rib J. | | | | | | | Examine and particularly for cracking using probe illuminator, 5A/4310. | | | | | | |
| Continued | | | | | | | | | | | | | |

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|--|--|---|--|---------------------------------------|--|---|--|--------------------------------|--|
| AIRFRAME SP 435A (2) (1 to 2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP 101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 29888 | |
| PYLON MOUNTING BRACKETS NOSE RIB J - CRACKING (MK 6A AND 9 AIRCRAFT) | | TRADESMAN | | MAN INITS HRS & TDM | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | MAN INITS HRS & TDM | | 1 2 | | 3 | | 4 MAN INITS HRS & TDM | |
| BLOCK 1 AIRFRAME Note: Item 3 is applicable only if defect found in Item 2. 3. Rectification 3.1 Pylon mounting brackets. Repair in accordance with Repair Scheme HSA B41631 Issue 2 obtained from HSA Ltd, Kingston, Surrey. | | | | | | | | | |
| BLOCK 2 AIRFRAME 4. Completion 4.1 Access panel No 2 (Port and starboard mairplanes. Refit. | | | | | | | | | |
| | | | | | | | | | |

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|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|---|---------------------|---|--|------------------------------------|---------------------|--|--|
| AIRFRAME SP 436 (1) (1 to 8) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| UNDERCARRIAGE WHEEL DOORS - ADJUSTMENT AND BACKLASH CHECK | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 | | |
| TRADE AF Elect | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS SP 129 | | | | Code | | | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Gauge Checking, 26FX/95860. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| 1. <u>Preparation</u> | | | | | | | | | | | | | | | | | | | |
| 1.1 Aircraft. | | | | | | | | Raise on jacks. | | | | | | | | | | | |
| BLOCK 2 | | | | ELECTRICAL | | | | | | | | | | | | | | | |
| 2. <u>Preparation</u> | | | | | | | | | | | | | | | | | | | |
| 2.1 External electrical power supply. | | | | | | | | (i) Connect. (ii) Switch on. | | | | | | | | | | | |
| BLOCK 3 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| 3. <u>Preparation</u> | | | | | | | | | | | | | | | | | | | |
| 3.1 Hydraulic servicing trolley. | | | | | | | | (i) Connect. (ii) Start. | | | | | | | | | | | |
| BLOCK 4 | | | | AIRFRAME | | | | | | | | | | | | | | | |
| 4. <u>Testing</u> | | | | | | | | | | | | | | | | | | | |
| 4.1 Main and nose undercarriage safety locks. | | | | | | | | Fit. | | | | | | | | | | | |
| SMS/ 85 | | | | | | | | | | | | Continued | | | | | | | |

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| AIRFRAME SP 436 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD RAF Form 2988B (Revised Jan 85) | | | | | |
| UNDERCARRIAGE WHEEL DOORS - ADJUSTMENT AND BACKLASH CHECK | | | | | | Aircraft Ser No: Date: | | | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | SUPERVISOR | |
| | | | | | | | MAN HRS 1 | INITS & TDM 2 | | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 4. <u>Testing</u> (Contd) | | | | | | | | | | | |
| 4.2 Undercarriage selector. Set to 'UP'. | | | | | | | | | | | |
| 4.3 Door sequence valve. Operate in turn to close wheel door. (Port and Starboard). | | | | | | | | | | | |
| NB: During Sub-item 4.4 tension load of 20 to 25 lb is to be applied by spring balance. Compression load is to be applied by finger pressure. (Fig 3). | | | | | | | | | | | |
| 4.4 Wheel door rear lock. Check backlash is not more than 0.15 in. using checking gauge. (3.8 mm drill shank is approximately 0.15 in). | | | | | | | | | | | |
| 4.5 Starboard inner door. Locate pipe undercarriage air starboard wing break to union Pt No.C189161/189 in wheel bay. Ensure a minimum gap of 0.104 in. (12 SWG) exists between pipe and other pipes in vicinity of paxolin block and between pipe and undercarriage inner door when retracted. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 5. <u>Rectification</u> | | | | | | | | | | | |
| NB: Sub-item 5.1 is applicable only if backlash obtained in Sub-item 4.4 exceeds 0.15 in. | | | | | | | | | | | |
| 5.1 Cross shaft. (i) Removed by dismantling universal joints only. (Rear joint, first). (ii) Replace by assembling components listed in Table 1. (Fig 1). | | | | | | | | | | | |
| SMS/ 85A | | | | | | Continued | | | | | |

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| AIRFRAME SP 436 (4) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| UNDERCARRIAGE WHEEL DOORS - ADJUSTMENT AND BACKLASH CHECK | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 5. <u>Rectification</u> (Contd) 5.2 Cross shaft and universal joint components. (Contd). | | | | | | | | | | | |
| (iii) Fit washer and nut, tighten . and peen thread to lock. (iv) Ensure existing taper pins and nuts are secure. (Fig 1). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 6. <u>Wheel Door Adjustment</u> 6.1 Wheel door jack. | | | | | | | | | | | |
| Obtain clearances shown in Fig 2 using L72 shims of suitable gauge as necessary. | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 7. <u>Undercarriage Operating System</u> 7.1 System. | | | | | | | | | | | |
| Test. (SP129). | | | | | | | | | | | |
| BLOCK 4 AIRFRAME 8. <u>Completion</u> 8.1 Hydraulic servicing trolley. | | | | | | | | | | | |
| (i) Stop. (ii) Disconnect. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 86A | | | | | | Continued | | | | | |

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UNDERCARRIAGE WHEEL DOORS - ADJUSTMENT AND BACKLASH CHECK

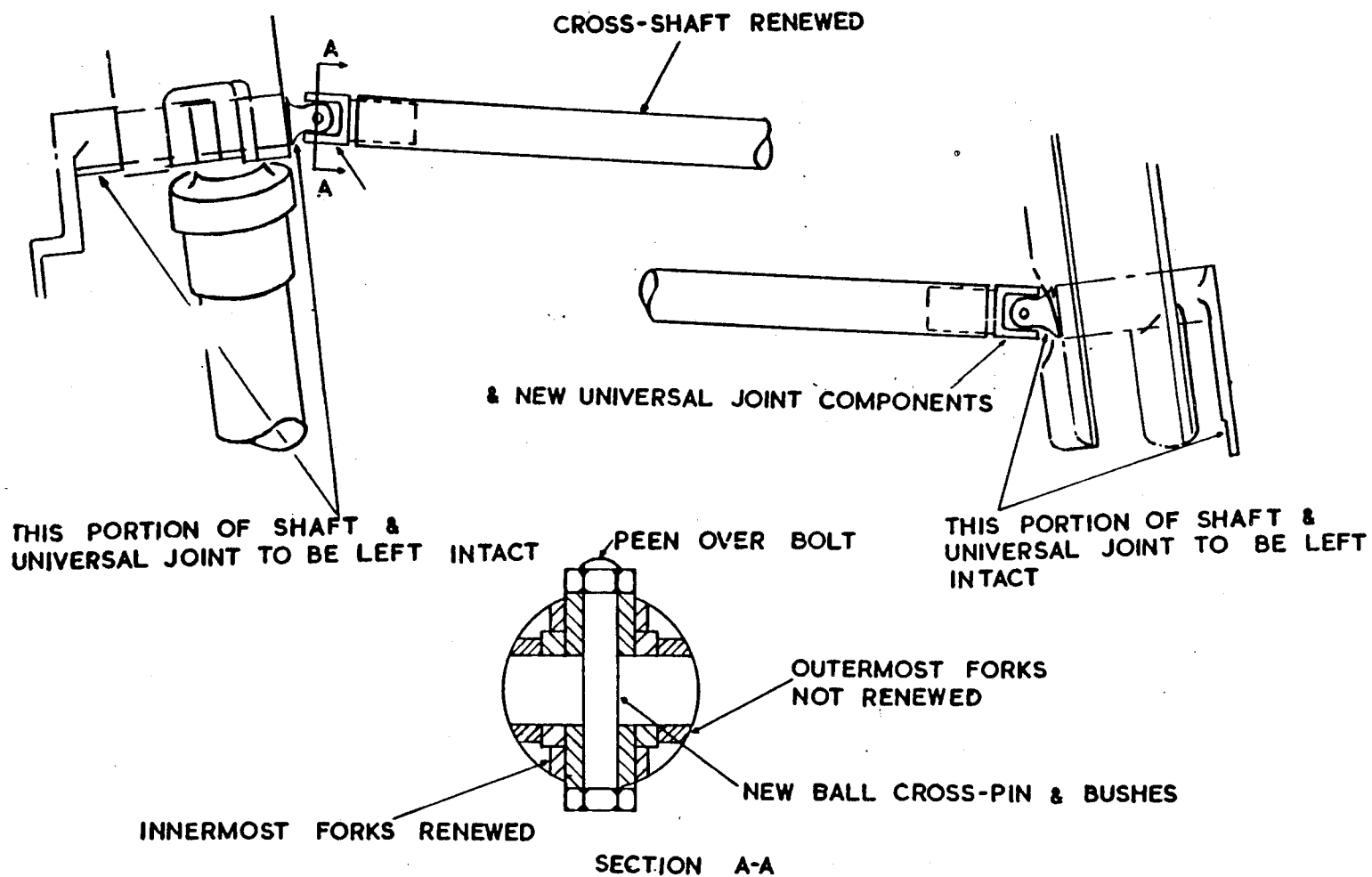


FIG 1

UNDERCARRIAGE WHEEL DOORS - ADJUSTMENT AND BACKLASH CHECK

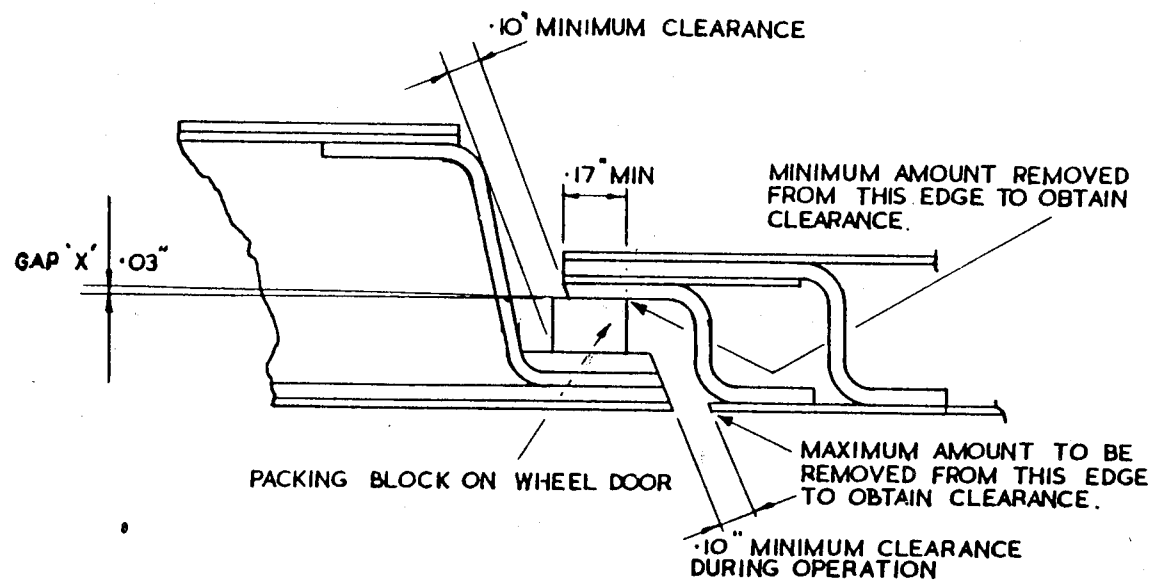


FIG 2

UNDERCARRIAGE WHEEL DOORS - ADJUSTMENT AND BACKLASH CHECK

LEVER AT
POINT 'Y'

"BACKLASH" DIMENSION
0.15 in (OVERALL)

REAR WHEEL DOOR
LOCK

BACKLASH TO BE
MEASURED AT THIS
REAR LOCK LEVER.
FINGER PRESSURE IS TO
BE APPLIED TO MOVE
LEVER INBOARD WHEN TENSION
LOAD OF SPRING BALANCE IS REMOVED.

SPRING
BALANCE

ATTACH TO SUITABLE
TURNBUCKLE AND
THEN TO LOCAL
STRUCTURE

NOTE: - DOOR IN RAISED POSITION
AND LOCKED 'UP'

FIG 3

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--|--|--|--------------------------------------|--|--|--|--|--|------------------|--|--|--|--|--|----------------------------|--|------------------|--|
| AIRFRAME SP437(1) (1 to 4) AL2 AIRCRAFT WASH | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | | | | | | | | | | | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | Aircraft/Equipment: | | | | | | | | | | | |
| TRADE M/HRS TRADE M/HRS ASSOCIATED PROCEDURE CARDS | | | | | | | | | | | | Ser No: | | | | Date: | | | | | | | |
| AF ELECT | | | | | | | | | | | | Tradesman Man Hrs 1 | | Inits & TDM 2 | | Brief details of suspected fault(s) and SNOW(s) 3 | | | | Supervisor Man Hrs 4 | | Inits & TDM 5 | |
| Special Tools and Equipment : Locally manufactured wheel covers. Wash plant 4K/4069. Waterproof tape 32B/2201154. Heavy duty cleaning compound 33D/1869. Shampoo 33B/2204399. Locally manufactured brushes. | | | | | | | | | | | | C o d e | | | | | | | | | | | |
| BLOCK 1 ELECTRICAL 1. Preparation 1.1 External electrical supply. (i) Connect. (ii) Switch on. | | | | | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. Preparation 2.1 Flap selector. Select 'DOWN'. 2.2 Flaps. (i) Lower using handpump. (ii) Ensure fully down. | | | | | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 ELECTRICAL 3. Preparation 3.1 External electrical supply. (i) Switch off. (ii) Disconnect. | | | | | | | | | | | | | | | | | | | | | | | |
| SM 89/1266 (2) | | | | | | | | | | | | | | | | | | | | | | | |
| Continued | | | | | | | | | | | | | | | | | | | | | | | |

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|---|--|---|--|--------------------------------------|--|--|-----------------|---|---|------------|-----------------|---------------------|
| AIRFRAME SP437(2) AL2 | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | | | | | | |
| AIRCRAFT WASH | | | | | | Aircraft/Equipment: | | | | | | |
| | | | | | | Ser No: | | Date: | | | | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Tradesman | | Brief details of suspected fault(s) and SNOW(s) | | Supervisor | | |
| | | | | | | C o d e | Man Hrs 1 | Inits & TDM 2 | | | Man Hrs 4 | Inits & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | 3 | | | |
| 4. Preparation | | | | | | | | | | | | |
| 4.1 Protective wheel covers.) | | | | | | | | | | | | |
| 4.2 Pressure head covers and all other) Fit. external covers and blanks.) | | | | | | | | | | | | |
| 4.3 Upper surface orifices. Mask with water proof tape. | | | | | | | | | | | | |
| 4.4 Canopy. Close and seal with waterproof tape. | | | | | | | | | | | | |
| 4.5 Brake parachute. Remove. (If applicable). (SP19). | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | |
| 5. Washing | | | | | | | | | | | | |
| 5.1 Undercarriage bays, flap structure and flap aperture in mainplanes. (i) Apply heavy duty cleaning compound. (ii) Leave for 3 minutes. (iii) Scrub with brushes. | | | | | | | | | | | | |
| 5.2 External surfaces, undercarriage bays, flap structure and flap aperture in mainplanes. (Excluding transparencies). Apply foaming solution of shampoo and water allow to stand for 10 minutes. | | | | | | | | | | | | |
| 5.3 Aircraft. Rinse with clean water. | | | | | | | | | | | | |
| | | | | | | | | | | | | |

AIRFRAME
SP437(3)
AL2

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

MAINTENANCE RECORD

RAF Form 2988B
(Revised Apr 89)

AIRCRAFT WASH

Aircraft/Equipment:

Ser No:

Date:

SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD

Tradesman

Brief details of
suspected fault(s)
and SNOW(s)

Supervisor

C
o
d
e

Man
Hrs
1

Inits
& TDM
2

3

Man
Hrs
4

Inits
& TDM
5

BLOCK 1

AIRFRAME

NB: Item 6 is applicable only if aircraft has operated from a Urea treated runway since last wash.

6. Urea Removal

6.1 Urea deposits.

Wash using clean water and scrub away all deposits paying particular attention to undercarriage bays, retraction mechanism, wheels and brackets.

BLOCK 2

AIRFRAME

NB: Item 7 is not applicable if aircraft is entering Scheduled Servicing.

7. PX-24 Application.

7.1 Aircraft. Apply PX-24 (SP438).

BLOCK 3

AIRFRAME

NB: Item 8 is not applicable if aircraft is entering Scheduled Servicing.

8. Lubrication

8.1 Aircraft. Carry out post wash lubrication. (SP439).

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| AIRFRAME SP437(4) AL2 AIRCRAFT WASH | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | AP101B-1300-5A3C Sect 4 Chap 1 | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | | | | | |
| | | | Aircraft/Equipment: | | | | | |
| | | | Ser No: | | Date: | | | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | Tradesman | | Brief details of suspected fault(s) and SNOW(s) | | Supervisor | |
| | C o d e | Man Hrs 1 | Inits & TDM 2 | | | Man Hrs 4 | Inits & TDM 5 | |
| BLOCK 1 <div style="text-align: center; margin-top: 10px;">AIRFRAME</div> <div style="margin-top: 10px;"> 9. <u>Recovery</u> 9.1 Protective wheel covers.) 9.2 All other covers and blanks) Remove. excluding pitot head and engine) blanks.) 9.3 All orifices. Remove masking tape. 9.4 Canopy sealing tape. Remove. 9.5 Brake parachute. Refit. (If applicable). </div> | | | | 3 | | | | |
| BLOCK 3 <div style="text-align: center; margin-top: 10px;">AIRFRAME NCO</div> <div style="margin-top: 10px;"> 10. <u>Recovery</u> 10.1 All orifices. Ensure masking tape removed. </div> | | | | | | | | |
| SM 89/1266 (3A) CSDE | | | | | | | | |

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| AIRFRAME SP 438 (1) (1 to 3) | | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | | RAF Form 2988B (Revised Jan 85) | | | | |
| POST AIRCRAFT WASH PROTECTIVE APPLICATION | | | | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | SUPERVISOR | | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | MAN HRS 4 | INITS & TDM 5 | | | |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | | | Code | | | | | | | | | | |
| Special Tools and Equipment: Locally manufactured wheel covers. Sprayer Hand 1B/1222254. | | | | | | | | | | | | | | | | | | | | | | | | |
| NB 1: If Scheduled Servicing is to follow aircraft washing application of PX-24 is to be carried out in conjunction with the servicing. | | | | | | | | | | | | | | | | | | | | | | | | |
| NB 2: PX-24 is not to be used on exposed bearing surfaces. If bearing surfaces become contaminated with PX-24 clean off with White Spirit and dry before relubrication. | | | | | | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. Preparation 1.1 Protective wheel covers. Fit. 1.2 Pressure head cover.) Ensure fitted. 1.3 Engine blanks.) | | | | | | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. Application 2.1 Nose undercarriage compartment) walls and roof.) 2.2 Rudder shrouds.) 2.3 Tailplane fairing.) (i) Apply protective PX-24 using hand sprayer. 2.4 Aileron shrouds.) 2.5 Flap shrouds.) (ii) Remove excess protective PX-24 using clean cloth. | | | | | | | | | | | | | | | | | | | | | | | | |
| SMS/ 93 | | | | | | | | | | | | | | | | | | | | Continued | | | | |

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| AIRFRAME SP 438 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | | |
| POST AIRCRAFT WASH PROTECTIVE APPLICATION | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | | | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | |
| 2. <u>Application</u> (Contd) | | | | | | | | | | | | |
| 2.6 Main undercarriage compartment) (i) Apply protective PX 24 using walls and roof.) hand sprayer. | | | | | | | | | | | | |
| 2.7 Main undercarriage door.) (ii) Remove excess protective | | | | | | | | | | | | |
| 2.8 Emergency footstep.) PX-24 using clean cloth. | | | | | | | | | | | | |
| 2.9 Area of disturbed paint finish. | | | | | | | | | | | | |
| (a) At rivet lines.) Apply protective PX-24 by wiping | | | | | | | | | | | | |
| (b) At fasteners.) using small impregnated sponge or | | | | | | | | | | | | |
| (c) At skin joints.) cloth. | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | |
| NB: This block is applicable to PRE-SEM 034 aircraft. | | | | | | | | | | | | |
| 3. <u>Protective Application</u> | | | | | | | | | | | | |
| 3.1 Engine blanks. Remove. | | | | | | | | | | | | |
| 3.2 Air intakes Port and (i) Apply Rocket WD-40 (34B/1523) | | | | | | | | | | | | |
| Starboard. with clean cloth to all parts | | | | | | | | | | | | |
| of intakes aft of the auxilliary | | | | | | | | | | | | |
| air intakes. | | | | | | | | | | | | |
| (ii) Remove any excess liquid. | | | | | | | | | | | | |
| (iii) Carry out loose article check. | | | | | | | | | | | | |
| 3.3 Engine blanks. Refit. | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| SMS/ 93A | | | | | | Continued | | | | | | |

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| AIRFRAME SP 439 (1) (1 to 6) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| POST AIRCRAFT WASH - LUBRICATION | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | SUPERVISOR | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | MAN HRS 4 | INITS & TDM 5 | | |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| NB: If scheduled servicing is to follow aircraft washing, post wash lubrication is to be carried out in conjunction with the servicing. BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. <u>Preparation</u> 1.1 Brake parachute. Remove. (If applicable). 1.2 Pressure head cover.) Ensure fitted. 1.3 Engine blanks.) | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Lubrication (Front Fuselage)</u> 2.1 Step hinges and springs. Lubricate. (Oil, OX-14). | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 3. <u>Lubrication (Tail Cone)</u> 3.1 Door hinges. Lubricate. (Oil, OX-14). | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| SMS/ 95 | | | | | | | | | | | | Continued | | | | | | | |

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|---|--|---|--|--------------------------------------|--|---|-----------------|---|---|------------------------------------|---------------------|
| AIRFRAME SP 439 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| POST AIRCRAFT WASH - LUBRICATION | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 4. <u>Lubrication (Rear Fuselage)</u> | | | | | | | | | | | |
| 4.1 Airbrake hinges.) | | | | | | | | | | | |
| 4.2 Jack top attachment.) Lubricate. | | | | | | | | | | | |
| 4.3 Jack bottom attachment.) (Grease, XG-287). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 5. <u>Lubrication (Tail Unit)</u> | | | | | | | | | | | |
| <u>Tailplane Assembly</u> | | | | | | | | | | | |
| 5.1 Hinge bearings. Lubricate. | | | | | | | | | | | |
| (Grease, XG-287). | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| 6. <u>Rudder Assembly</u> | | | | | | | | | | | |
| 6.1 Trim tab hinge. Lubricate. | | | | | | | | | | | |
| (Oil, OX-14). | | | | | | | | | | | |
| BLOCK 4 AIRFRAME | | | | | | | | | | | |
| 7. <u>Elevator Assembly</u> | | | | | | | | | | | |
| 7.1 Universal joint.) Lubricate. | | | | | | | | | | | |
| 7.2 Inner hinge.) (Grease, XG-287). | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 95A | | | | | | Continued | | | | | |

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| AIRFRAME SP 439 (3) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| POST AIRCRAFT WASH - LUBRICATION | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 8. <u>Lubrication (Mainplanes)</u> <u>Port Aileron Trim Tab</u> <u>Assembly</u> | | | | | | | | | | | |
| 8.1 Hinge. Lubricate. (Oil, OX-14). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 9. <u>Port and Starboard Flap</u> <u>Assemblies</u> | | | | | | | | | | | |
| 9.1 Pivot bolts.) Lubricate. | | | | | | | | | | | |
| 9.2 Jack attachment pivot bolts.) (Grease, XG-287). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 10. <u>Lubrication (Port and</u> <u>Starboard Main</u> <u>Undercarriage)</u> | | | | | | | | | | | |
| 10.1 Leg.) | | | | | | | | | | | |
| 10.2 Attachment pivots.) | | | | | | | | | | | |
| 10.3 Torque links.) | | | | | | | | | | | |
| 10.4 Operating jack pivots.) | | | | | | | | | | | |
| 10.5 Front and rear bearing brackets) Lubricate. for universal shaft.) (Grease, XG-287). | | | | | | | | | | | |
| 10.6 Recuperator spindle.) | | | | | | | | | | | |
| 10.7 Recuperator lever operating) shaft.) | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/96 | | | | | | Continued | | | | | |

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| AIRFRAME SP 439 (5) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| POST AIRCRAFT WASH - LUBRICATION | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 13. <u>Lubrication (Nose Undercarriage)</u> <u>Front Door</u> | | | | | | | | | | | |
| 13.1 Hinges.) | | | | | | | | | | | |
| 13.2 Lock mechanism.) | | | | | | | | | | | |
| 13.3 Lock operating rods.) Lubricate. | | | | | | | | | | | |
| 13.4 Lock operating levers.) (Oil, 0X-14). | | | | | | | | | | | |
| 13.5 Jack attachments.) | | | | | | | | | | | |
| 13.6 Cross shaft brackets.) Lubricate. | | | | | | | | | | | |
| 13.7 Jack pivots.) (Grease, XG-287). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 14. <u>Lubrication (Nose Undercarriage)</u> <u>Rear Door</u> | | | | | | | | | | | |
| 14.1 Operating rods. Lubricate. (Oil, 0X-14). | | | | | | | | | | | |
| 14.2 Operating rod springs. Lubricate. (Grease, XG-287). | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| 15. <u>Undercarriage Operating System</u> <u>Front Fuselage</u> | | | | | | | | | | | |
| 15.1 Sequence valve operating mechanism.) Lubricate. | | | | | | | | | | | |
| 15.2 Nose undercarriage operating jack retracting arm.) (Grease, XG-287). | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 97 | | | | | | Continued | | | | | |

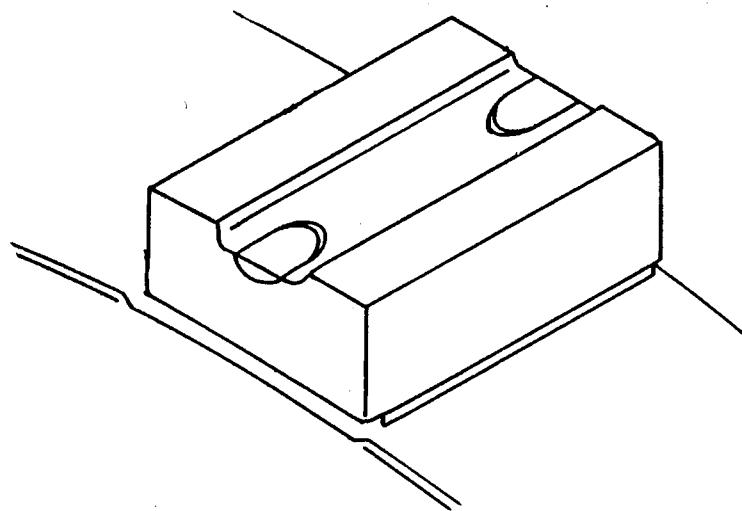
| | | | | | | | | | | | | | | | | | | | |
|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|---|---------------------|--|-----------------|------------------------------------|--|--|--|
| AIRFRAME SP 440 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| WHEEL BRAKES: BRAKE UNITS PART NO. AH50247 AND AH50248 - OUTER BRAKES FRICTION PLATES - INDENTATION OF TENONS | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 | | | |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | | | | |
| NB: This Procedure is applicable only to Outer Brake Friction Plates Part No. 1/AH035571 Issue 1, (Ref No.27G/5452, also identified by AHM3835 Issue 3 stamped on periphery between tenons). | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Examination</u> 1.1 Outer friction plates tenons. (013206). Look for indentations. (Fig 1 Item A). | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME Note: Item 2 is applicable only if indentations in one or more tenons are found in Sub-item 1.1. 2. <u>Rectification</u> 2.1 Outer friction plate. (i) Remove. (ii) File all tenons using a 3/8 in. round file. (Fig 1 Item B). (iii) Refit. | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| SMS/ 98 | | | | | | | | Continued | | | | | | | | | | | |

AIRFRAME
SP 440 (2)

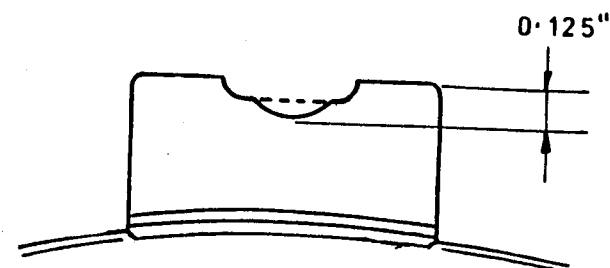
SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 1

WHEEL BRAKES: BRAKE UNITS PART NO. AH50247 AND ADH50248 -
OUTER BRAKES FRICTION PLATES - IDENTIFICATION OF TENONS



Item A



Item B

FIG 1

SMS/

99

SMS 53D

HUN/5A3C/1.148

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|------|---|---------------------|---|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 441 (1) (1 to 7) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| AIR CONDITIONING PRE-COOLER - LEAKING | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF Prop | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS SP81B, 82B | | | | | | | Code | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| LM Adapter. | | | | | | | | | | | | | | | | | | | |
| NB 1: Items 1 to 5 inclusive are applicable at every Minor Servicing. | | | | | | | | | | | | | | | | | | | |
| NB 2: Items 12 to 18 inclusive are applicable at every Major Servicing. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | | | | | |
| 1.1 Cabin conditioning selector (Cockpit). Ensure in 'OFF' position. | | | | | | | | | | | | | | | | | | | |
| 1.2 Pipeline from ECU to pre-cooler. Disconnect at flexible hose attachment to ECU. | | | | | | | | | | | | | | | | | | | |
| 1.3 Flexible hose open end. (Frames 36-37). Fit locally manufactured adapter. | | | | | | | | | | | | | | | | | | | |
| 1.4 Pre-cooler by-pass valve. | | | | | | | | | | | | | | | | | | | |
| (i) Disconnect pipelines from top of valve. (3 off). | | | | | | | | | | | | | | | | | | | |
| (ii) Fit blanks. | | | | | | | | | | | | | | | | | | | |
| 1.5 Small bore pipeline supplying, extractor valve, ram air valve and hood seal. | | | | | | | | | | | | | | | | | | | |
| (i) Disconnect connection adjacent to Frame 24. | | | | | | | | | | | | | | | | | | | |
| (ii) Fit blank to exposed end of pipeline leading to pre-cooler by-pass valve connection. | | | | | | | | | | | | | | | | | | | |
| SMS/ 100 | | | | | | | | | | | | | | | | | | | |

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| AIRFRAME SP 441 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| AIR CONDITIONING PRE-COOLER - LEAKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 2. <u>Leak Check</u> | | | | | | | | | | | |
| 2.1 Pre-cooler air inlet duct. Hold suitable blank over entry. (Air intake). | | | | | | | | | | | |
| 2.2 Air supply. (i) Connect to adapter on flexible hose. (ii) Set to deliver 80-100 lbf/in2. | | | | | | | | | | | |
| NB: During Sub-item 2.3, if air is expelled pre-cooler is leaking from matrix and is to be rectified by carrying out Items 6 to 11 inclusive. | | | | | | | | | | | |
| 2.3 Pre-cooler air outlet duct Ensure no air expelled by placing exit. (Port side of fuselage). hand over exit. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 3. <u>Completion</u> | | | | | | | | | | | |
| 3.1 Air supply. (i) Shut off. (ii) Disconnect from adapter on flexible hose. | | | | | | | | | | | |
| 3.2 Flexible hose. (i) Remove adapter. (ii) Connect to ECU. | | | | | | | | | | | |
| 3.3 Pipeline adjacent to Frame 24. (i) Remove blank. (ii) Reconnect. | | | | | | | | | | | |
| 3.4 Pre-cooler by-pass valve. (i) Remove blanks. (ii) Reconnect pipelines. | | | | | | | | | | | |
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SMS/100A

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| AIRFRAME SP 441 (3) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| AIR CONDITIONING PRE-COOLER - LEAKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 4. <u>Testing</u> 4.1 Air conditioning system. Using external air supply ground test in accordance with current instructions. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 5. <u>Completion</u> NB: Sub-item 5.1 is applicable only if defect found in Sub-item 2.3. 5.1 Aircraft documentation. Make entry that SP44 Items 6 to 11 inclusive to be carried out within 28 days. | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 6. <u>Preparation</u> 6.1 ECU. Remove. (SP81B). | | | | | | | | | | | |
| BLOCK 4 AIRFRAME 7. <u>Preparation</u> 7.1 Forward and rear end of Remove cooling air ducts. pre-cooler. (Frames 27-30). | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 101 | | | | | | Continued | | | | | |

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| AIRFRAME SP 441 (4) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| AIR CONDITIONING PRE-COOLER - LEAKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: During Item 8 if no defect found carry out Sub-items 13.2 to 13.5 inclusive and Item 14. 8. <u>Examination</u> 8.1 Pre-cooler. Look visually for signs of matrix failure. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME Item 9 is applicable only if defect found in Item 8. 9. <u>Rectification</u> 9.1 Pre-cooler. (i) Replace. (ii) Carry out Sub-items 15.2 to 15.5 inclusive and Item 16. | | | | | | | | | | | |
| BLOCK 3 PROPULSION 10. <u>Completion</u> 10.1 ECU. Refit. (SP82B). | | | | | | | | | | | |
| BLOCK 4 AIRFRAME 11. <u>Completion</u> 11.1 Air conditioning system. Using external air supply, ground test in accordance with current instructions. | | | | | | | | | | | |
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| SMS/ 101A | | | | | | Continued | | | | | |

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| AIRFRAME SP 441 (5) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| AIR CONDITIONING PRE-COOLER - LEAKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 PROPULSION | | | | | | | | | | | |
| 12. <u>Preparation</u> 12.1 ECU. Remove. (SP81B). | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 13. <u>Preparation</u> 13.1 Cabin air conditioning selector. (Cockpit). Ensure in 'OFF' position. 13.2 Forward end of pre-cooler. (i) Disconnect warm air outlet pipe. (ii) Fit locally manufactured blank to pre-cooler. 13.3 Rear end of pre-cooler. (i) Disconnect hot air inlet pipe. (ii) Fit locally manufactured bayonet adaptor to pre-cooler. | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| 14. <u>Leak Check</u> 14.1 Air supply. (i) Connect to adaptor. (ii) Set air pressure to deliver 80-100 lbf/in2. NB: During Sub-item 14.2, if air leak is found pre-cooler is unserviceable. 14.2 Pre-cooler air outlet. Check for air leak by listening at outlet. 14.3 Air supply. Shut off. | | | | | | | | | | | |
| SMS/ 102 | | | | | | Continued | | | | | |

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| AIRFRAME SP 441 (6) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| AIR CONDITIONING PRE-COOLER - LEAKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 15 is only applicable if defect found in Sub-item 14.2. 15. <u>Rectification</u> 15.1 Pre-cooler. (i) Replace. (ii) Fit locally manufactured bayonet adaptor. 15.2 Air supply. (i) Connect to adaptor. (ii) Set air pressure to deliver 80-100 lbf/in2. 15.3 Pre-cooler air outlet duct. Check for leaks by listening at outlet. 15.4 Air supply. Shut off. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 16. <u>Completion</u> 16.1 Air supply. Disconnect from adaptor. 16.2 Pre-cooler. (i) Remove adaptor and blank. (ii) Reconnect warm air outlet pipe. (iii) Reconnect hot air inlet pipe. | | | | | | | | | | | |
| BLOCK 3 PROPULSION 17. <u>Completion</u> 17.1 ECU. Refit. (SP82B). | | | | | | | | | | | |
| SMS/ 102A | | | | | | Continued | | | | | |

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| AIRFRAME SP 442 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| ELEVATOR FLEXIBLE HYDRAULIC PIPELINES (FRAME 40) - CHAFING | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | MAN HRS 1 | INITs & TDM 2 | 3 | | MAN HRS 4 | INITs & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | Code | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | |
| BLOCK 1 1. <u>Preparation</u> 1.1 Detachable spine fairing at transport joint. (Frame 40). Remove. | | | | | | | | | | | | | |
| BLOCK 2 2. <u>Examination</u> 2.1 Elevator flexible hydraulic pipelines. (Frame 40). (i) Examine and particularly for chafing. (ii) Ensure that PVC sleeving is fitted and secure. | | | | | | | | | | | | | |
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| SMS/ 104 | | | | | | | | Continued | | | | | |

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| AIRFRAME SP 442 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| ELEVATOR FLEXIBLE HYDRAULIC PIPELINES (FRAME 40) - CHAFING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 3 is applicable only if PVC sleeving is missing or needs replacement. 3. <u>Rectification</u> 3.1 Elevator flexible hydraulic pipelines. (Frame 40). Fit a piece of 3/4 in. internal diameter, PVC tubing which has been split along its length, to each pipeline adjacent to coupling mounting bracket for approximately 3 in. and secure at each end with two lashings of balloon cord. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 4. <u>Completion</u> 4.1 Detachable spine fairing at transport joint. (Frame 40). Refit. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/104A | | | | | | | | | | | |

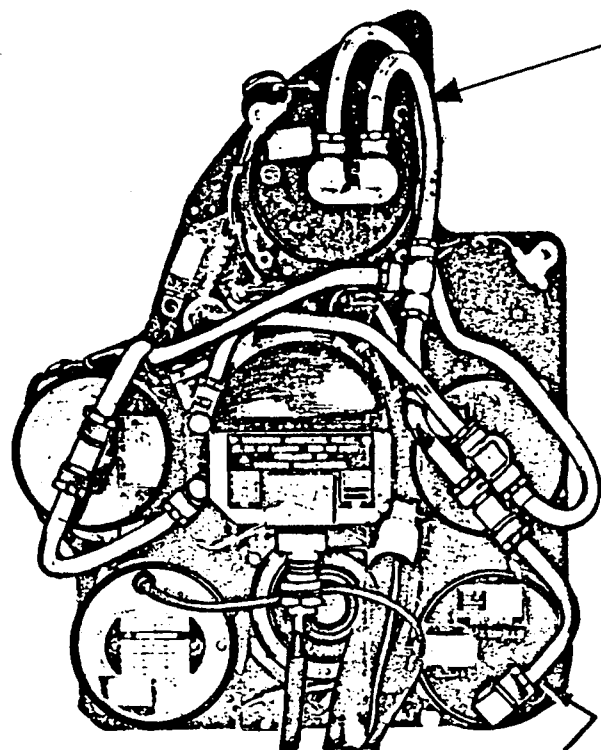
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|--|--|--|--|--|--|--|--|--------------------------------------|-----------------|---|--|-----------------|---------------------|
| AIRFRAME SP443(1) (1 to 3) AL3 <u>MAINPLANE NOSE RIBS H, J, K, L AND N - CRACKING OF RIB FLANGE</u> | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | | | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | Aircraft/Equipment: | | | | | |
| TRADE M/HRS TRADE M/HRS ASSOCIATED PROCEDURE CARDS | | | | | | | | Ser No: | | Date: | | | |
| AF | | | | | | | | C o d e | Tradesman | | Brief details of suspected fault(s) and SNOW(s) 3 | Supervisor | |
| | | | | | | | | | Man Hrs 1 | Inits & TDM 2 | | Man Hrs 4 | Inits & TDM 5 |
| <u>Special Tools and Equipment:</u> Probe Illuminator 5A/4310. | | | | | | | | | | | | | |
| NB This SP is applicable only to aircraft equipped to carry 230 gallon underwing tanks. | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Preparation</u> 1.1 Access panel No.3 (Port and Starboard mainplanes). Remove. | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Examination</u> 2.1 Nose ribs J, K, L and N. Examine and particularly for cracking in underside of top flange using probe illuminator 5A/4310. 2.2 Nose rib H. Examine as far as possible and particularly for cracking in underside of top flange using probe illuminator, 5A/4310. | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME NB Item 3 is applicable only where cracks are found in Item 2, with an accumulative length of between 2 and 3 inches in any one rib. 3. <u>Limitations</u> 3.1 F700. Make suitable entry to ensure this procedure is carried out every 10 flying hours. | | | | | | | | | | | | | |
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| SM 89/1506 (4) | | | | | | | | Continued | | | | | |

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| AIRFRAME SP443(2) AL3 | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89) | | | | | |
| MAINPLANE NOSE RIBS H, J, K, L AND N - CRACKING OF RIB FLANGE | | | | | | Aircraft/Equipment: | | | | | |
| SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Ser No: | | Date: | | | |
| BLOCK 1 <div style="text-align: center;">AIRFRAME</div> <p>NB Item 4 is applicable only where cracks are found in Item 2 with an accumulative length of between 3 and 5 inches in any one rib.</p> <p>4. <u>Limitations</u></p> <p>4.1 F700.</p> <div style="margin-left: 150px;"> (i) Make suitable entry to restrict the aircraft to a maximum of 3 g. (ii) Make suitable entry to ensure this procedure is carried out every 20 flying hours. </div> | | | | | | C o d e | Man Hrs 1 | Inits & TDM 2 | Brief details of suspected fault(s) and SNOW(s) 3 | Supervisor Man Hrs 4 | Inits & TDM 5 |
| | | | | | | | | | | | |
| BLOCK 2 <div style="text-align: center;">AIRFRAME</div> <p>NB Item 5 is applicable only where cracks are found in Item 2 with an accumulative length greater than 5 inches in any one rib.</p> <p>5. <u>Rectification</u></p> <p>5.1 Nose ribs J and K.</p> <div style="margin-left: 150px;"> Repair in accordance with repair scheme SK C42124 obtained from HSA Ltd, Kingston, Surrey. Note: Bracket, Ref No.26FX/1506299 is also required. </div> <p>5.2 Nose rib L.</p> <div style="margin-left: 150px;"> Repair in accordance with repair scheme SK C42198 obtained from HSA Ltd, Kingston, Surrey. Note: Bracket, Ref No.26FX/1506300 is also required. </div> <p>5.3 Nose rib H.</p> <div style="margin-left: 150px;"> Repair in accordance with special repair scheme obtained from HSA Ltd, Kingston, Surrey. </div> | | | | | | | | | | | |

SM 89/1506 (5) CSDE

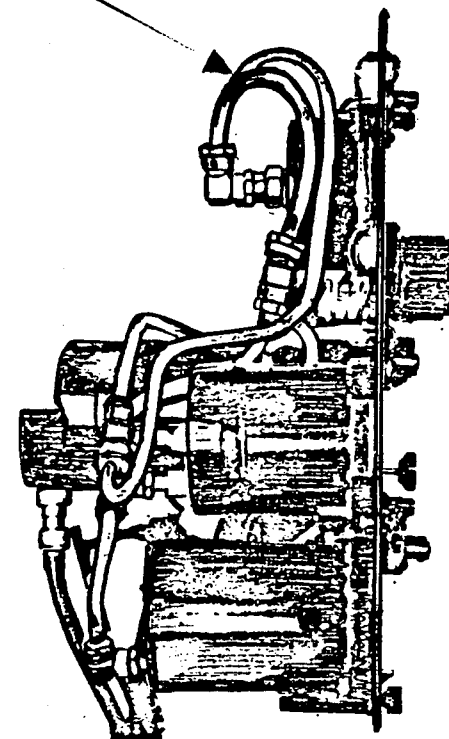
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|---|--------|-------|--------|---|--|--|--|--------------------------------------|--|------|--|---|---------------------|--|--|------------------------------------|-----------------|---------------------|--|
| AIRFRAME SP 445 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| STARBOARD INSTRUMENT PANEL: CHAFING OF RIGID PIPES NB: This Procedure is applicable only to Mk7 Aircraft Post Mod 779. | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | SUPERVISOR | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | | MAN HRS 4 | INITS & TDM 5 | |
| TRADE | M/IIRS | TRADE | M/IIRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | | | | | | | | |
| AF | | | | | | | | | | Code | | | | | | | | | |
| Special Tools and Equipment: Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Examination</u> 1.1 Pitot and static pipes between ASI and machmeter. | | | | | | | | | | | | | | | | | | | |
| (i) Examine and particularly for chafing. (ii) Ensure pipe runs are as shown in Fig 1. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME NB: Item 2 is applicable only if chafing is found in Sub-item 1.1. 2. <u>Rectification</u> 2.1 Pipes. | | | | | | | | | | | | | | | | | | | |
| Replace. | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| SMS/105 | | | | | | | | | | | | Continued | | | | | | | |

STARBOARD INSTRUMENT PANEL: CHAFING OF RIGID PIPES



ALL PIPES TO ENTER STRAIGHT
AND AT RIGHT ANGLES TO CONNECTIONS

ENSURE THAT THESE PIPES ARE
POSITIONED AS SHOWN AND DO NOT
PROJECT BEYOND THE BOUNDARY OF
THE PANEL



NOTE:
PANELS TO BE CHECKED TO THIS
STANDARD AFTER ANY REMOVAL
OR CHANGE OF INSTRUMENTS.

FIG 1

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|------|---|---------------------|--|--|------------------------------------|-----------|-----------------|---------------------|--|--|--|--|--|
| AIRFRAME SP 446 (1) (1 to 6) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | | | | | | |
| HYDRAULIC SYSTEM CONTAMINATION CHECKS | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | | | | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | | | MAN HRS 4 | INITS & TDM 5 | | | | | |
| TRADE AF Elect | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | Code | | | | | | | | | | | | | |
| Special Tools and Equipment: Drain Tool (Fig 1) Sample Bottle (Supplied by AIM Sqn CSDE) | | | | | | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. Preparation 1.1 Aircraft. Raise on jacks. | | | | | | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 ELECTRICAL 2. Preparation 2.1 External electrical power supplies. (i) Connect. (ii) Switch on. | | | | | | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 3. Preparation 3.1 Main system hydraulic pressure. Dissipate by selecting flaps. NB: Sub-item 3.2 is applicable only to aircraft Pre-mod 690. 3.2 Aileron accumulator. Replenish with air. (1575 lbf/in2). | | | | | | | | | | | | | | | | | | | | | | | | |
| SMS/ 107 | | | | | | | | | | | | | | | | | Continued | | | | | | | |

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| AIRFRAME SP 446 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| HYDRAULIC SYSTEM CONTAMINATION CHECKS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 3. <u>Preparation</u> (Contd) NB: Sub-item 3.3 is applicable only to aircraft Post Mod 690. 3.3 Aileron accumulator. Replenish with air. (900 lbf/in2). 3.4 Elevator accumulator. Replenish with air. (1575 lbf/in2). 3.5 Hydraulic reservoir. Replenish. (5A2 Sect 2). 3.6 Ground test connection blanking caps. Remove. 3.7 Hydraulic servicing trolley. Connect. 3.8 Undercarriage locks.) Remove. 3.9 Flying control locks.) 3.10 Master armament safety break. Fit. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 4. <u>Operation</u> 4.1 Hydraulic servicing trolley. Operate. NB: Sub-items 4.2 to 4.7 inclusive are to be carried out 10 times in sequence. 4.2 Undercarriage. (i) Retract. (ii) Lower. | | | | | | | | | | | |
| SMS/ 107A | | | | | | Continued | | | | | |

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| AIRFRAME SP 446 (3) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| HYDRAULIC SYSTEM CONTAMINATION CHECKS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 4. <u>Operation</u> (Contd) | | | | | | | | | | | |
| 4.3 Flaps. | | | | | | | | | | | |
| (i) Lower. (ii) Raise. | | | | | | | | | | | |
| 4.4 Airbrake. | | | | | | | | | | | |
| (i) Open. (ii) Close. | | | | | | | | | | | |
| 4.5 Ailerons. | | | | | | | | | | | |
| Operate fully right and left. | | | | | | | | | | | |
| 4.6 Elevators. | | | | | | | | | | | |
| Operate fully up and down. | | | | | | | | | | | |
| 4.7 Brakes. | | | | | | | | | | | |
| (i) Apply. (ii) Release. | | | | | | | | | | | |
| 4.8 Hydraulic servicing trolley. | | | | | | | | | | | |
| Stop. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 5. <u>Fluid Sampling</u> | | | | | | | | | | | |
| 5.1 Main system hydraulic pressure. | | | | | | | | | | | |
| Dissipate by selecting flaps. | | | | | | | | | | | |
| 5.2 Hydraulic servicing trolley by-pass coupling. | | | | | | | | | | | |
| Disconnect at ground test connection. | | | | | | | | | | | |
| NB: During Sub-item 5.3(ii) allow 100mL of hydraulic fluid to drain before taking sample without interrupting fluid flow. | | | | | | | | | | | |
| 5.3 Drain tool. | | | | | | | | | | | |
| (i) Fit to by-pass ground test connection. (ii) Take sample. (iii) Remove. | | | | | | | | | | | |
| SMS/108 | | | | | | Continued | | | | | |

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|---|--|---|--|--------------------------------------|--|---|-----------------|---|---|-----------------|---------------------|
| AIRFRAME SP 446 (4) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| HYDRAULIC SYSTEM CONTAMINATION CHECKS | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 5. <u>Fluid Sampling (Contd)</u> | | | | | | | | | | | |
| 5.4 Hydraulic servicing trolley Reconnect. by-pass coupling. | | | | | | | | | | | |
| 5.5 Hydraulic reservoir. Replenish. (5A2 Sect 2). | | | | | | | | | | | |
| BLOCK 2 ELECTRICAL | | | | | | | | | | | |
| 6. <u>Completion</u> | | | | | | | | | | | |
| 6.1 External electrical. (i) Switch off. (ii) Disconnect. | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | |
| 7. <u>Sample</u> | | | | | | | | | | | |
| NB 1: During Item 7 sample is to be clearly identified and label. | | | | | | | | | | | |
| NB 2: If sample fails testing items 2 to 7 inc. are to be repeated until contamination falls to an acceptable level. | | | | | | | | | | | |
| 7.1 Hydraulic fluid sample. Despatch to CSDE for testing. | | | | | | | | | | | |
| BLOCK 4 AIRFRAME | | | | | | | | | | | |
| NB: Item 8 is applicable only if hydraulic samples fails EFDC test. | | | | | | | | | | | |
| 8. <u>Filter Replacement</u> | | | | | | | | | | | |
| 8.1 Aileron micron filter element.) Replace.) | | | | | | | | | | | |
| SMS/108A | | | | | | Continued | | | | | |

| AIRFRAME SP 446 (5) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
|--|--|---|--|--------------------------------------|--------------|---|---|--|--------------|------------------|--|
| <u>HYDRAULIC SYSTEM CONTAMINATION CHECKS</u> | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | | MAN HRS 4 | INITS & TDM 5 | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| 8. <u>Filter Replacement</u> (Contd) | | | | | | | | | | | |
| 8.2 Elevator micronic filter) element.) Replace. | | | | | | | | | | | |
| 8.3 Hydraulic system main filter) element.) | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | |
| 9. <u>Completion</u> | | | | | | | | | | | |
| 9.1 Master armament safety break. Make safe. | | | | | | | | | | | |
| 9.2 Undercarriage ground safety locks. Fit. | | | | | | | | | | | |
| 9.3 Hydraulic servicing trolley. Disconnect. | | | | | | | | | | | |
| 9.4 Ground test connections blanking caps. Refit. | | | | | | | | | | | |
| 9.5 Hydraulic reservoir. Replenish. (5A2 Sect 2). | | | | | | | | | | | |
| 9.6 Aircraft. Lower to ground. | | | | | | | | | | | |
| | | | | | | | | | | | |

SMS/ 109
Continued

HYDRAULIC SYSTEM CONTAMINATION CHECK

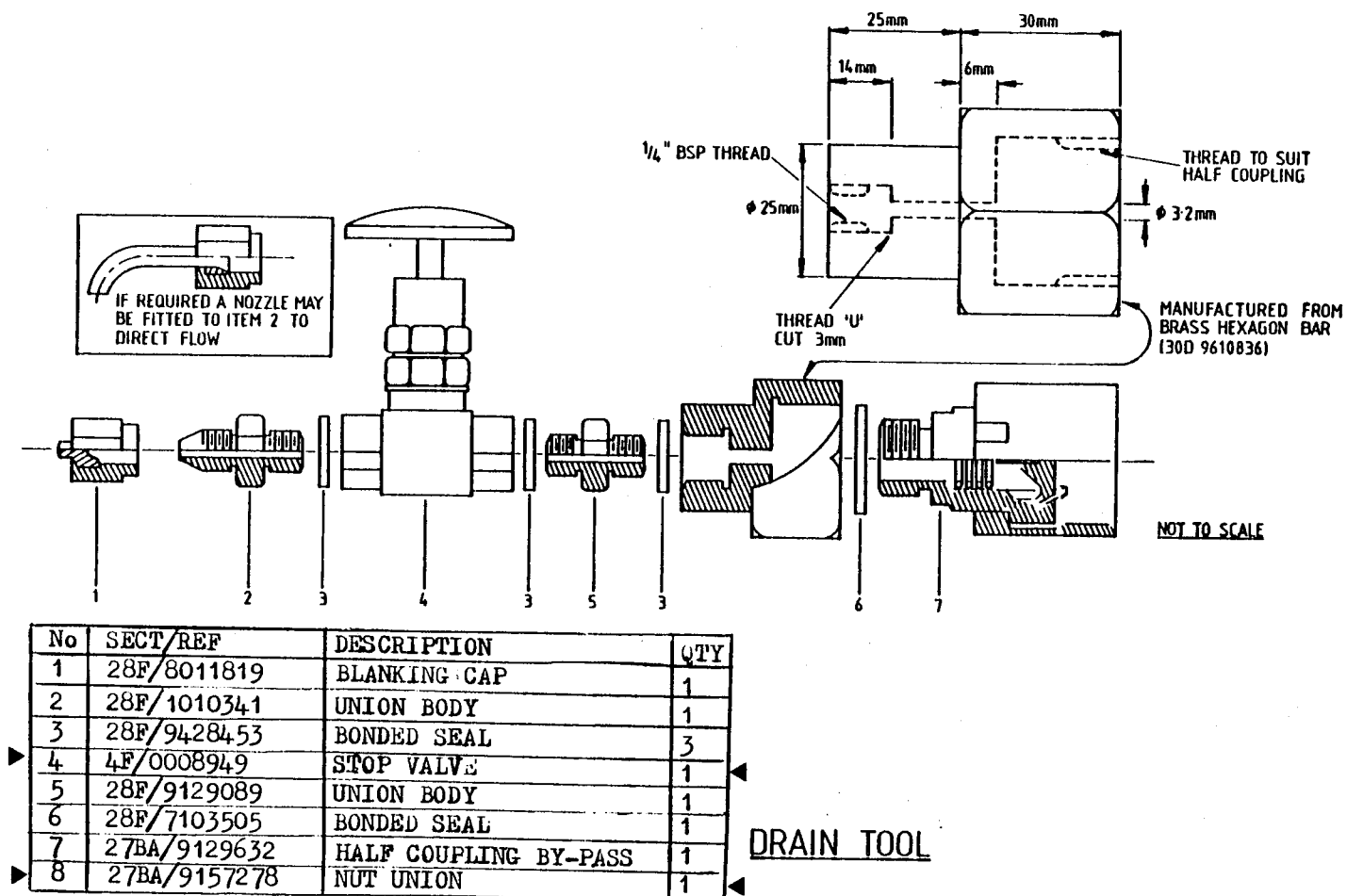


FIG 1

| | | | | | | | | | | | | | |
|--|-------|-------|-------|---|--|--------------------------------------|------|---|---------------------|--|-----------------|---------------------|--|
| AIRFRAME SP 447 (1) (1 to 4) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD RAF Form 2988B (Revised Jan 85) | | | | | |
| CANOPY RELEASE JETTISON MECHANISM CONNECTING ROD - CRACKING This Procedure is applicable only to MK7, 7A and 8B Aircraft. | | | | | | | | Aircraft Ser No: Date: | | | | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | SUPERVISOR | | |
| | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | MAN HRS 4 | INITS & TDM 5 | |
| TRADE AF Wpns | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS SP 51B, 52B, 171B and 172B | | | Code | | | | | | |
| Special Tools and Equipment: Nil. | | | | | | | | | | | | | |
| BLOCK 1 WEAPONS 1. <u>General</u> 1.1 Aircraft assisted escape system. | | | | | | | | Render safe for servicing. (AP101B-1300-5A2). | | | | | |
| BLOCK 2 AIRFRAME 2. <u>Examination</u> 2.1 Rod. (Part No.F215738, 26FX/10050). (Sched Ident 010811). | | | | | | | | Using a mirror and a good light source examine:- (i) for cracks. (ii) for bending. | | | | | |
| NB: Items 3 to 12 are applicable only if cracks or bending are suspected in Sub- item 2.1. | | | | | | | | | | | | | |
| BLOCK 3 WEAPONS NCO 3. <u>Preparation</u> 3.1 Aircraft assisted escape system. | | | | | | | | (i) Disarm. (SP 51B). (ii) Prepare for pull-off tests. (SP 52B). | | | | | |
| SMS/ /// | | | | | | | | Continued | | | | | |

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|---|--|---|--|--------------------------------------|--|---|-----------------|--|---|-----------------|---------------------|
| AIRFRAME SP 447 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| CANOPY RELEASE JETTISON MECHANISM CONNECTING ROD - CRACKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME 4. <u>Preparation</u> 4.1 Rod. <ul style="list-style-type: none"> (i) Disconnect from canopy firing unit sear. (ii) Disconnect from lower torque shaft. (iii) Remove. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME 5. <u>Examination</u> 5.1 Rod. Measure distance between attachment centres and record for assembly. (9.85 in. nominal). 5.2 Rod fork ends and lock nuts. Remove and retain. 5.3 Rod. Visually examine for bending. 5.4 Rod threaded ends. Degrease. 5.5 Rod. Look for cracks. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 111A | | | | | | Continued | | | | | |

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| AIRFRAME SP 447 (3) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| CANOPY RELEASE JETTISON MECHANISM CONNECTING ROD - CRACKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME NB: Item 6 is applicable only if no damage was found during Sub-items 5.3 and 5.5. 6. <u>Re-assembly</u> 6.1 Rod. | | | | | | | | | | | |
| (i) Re-assemble locknuts and fork ends. (ii) Set to dimension recorded at Sub-item 5.1. | | | | | | | | | | | |
| BLOCK 2 AIRFRAME NB: Item 7 is applicable only if damage was found during Sub-items 5.3 and 5.5. 7. <u>Rectification</u> 7.1 Rod. | | | | | | | | | | | |
| Scrap. 7.2 Replacement rod. | | | | | | | | | | | |
| Adjust (if necessary) to dimension recorded at Sub-item 5.1. | | | | | | | | | | | |
| BLOCK 3 AIRFRAME 8. <u>Completion</u> 8.1 Rod. | | | | | | | | | | | |
| Refit to aircraft using new split pin. (Pt No. SP-90-C5, 28P/9486478). | | | | | | | | | | | |
| BLOCK 4 WEAPONS NCO 9. <u>Testing</u> 9.1 Aircraft assisted escape system. | | | | | | | | | | | |
| Carry out pull-off tests. (SP 172B). | | | | | | | | | | | |
| SMS/112 | | | | | | Continued | | | | | |

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|---|--|---|--|--------------------------------------|--|---|-----------|--|---|------------------------------------|---------------|
| AIRFRAME SP 447 (4) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | |
| CANOPY RELEASE JETTISON MECHANISM CONNECTING ROD - CRACKING | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 WEAPONS 10. <u>Completion</u> 10.1 Aircraft assisted escape system. Render serviceable. (SP 52B). | | | | | | | | | | | |
| BLOCK 2 WEAPONS NCO 11. <u>Vital Checks</u> 11.1 Aircraft assisted escape system. Carry out vital checks. (SP 52B). | | | | | | | | | | | |
| BLOCK 3 WEAPONS NCO 12. <u>Independent Checks</u> 12.1 Ejection seat installation. Carry out independent checks. (SP 171B). | | | | | | | | | | | |
| | | | | | | | | | | | |
| SMS/ 112A | | | | | | | | | | | |

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|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|------|--|---|---------------------|--|--|------------------------------------|-----------------|---------------------|--|
| AIRFRAME SP 448 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| INBOARD PYLONS TYPE B: SKIN CRACKING AROUND JO-BOLTS ADJACENT TO FORWARD ACCESS PANELS | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable 3 | | | SUPERVISOR | | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | | MAN HRS 4 | INITS & TDM 5 | |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | Code | | | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. Preparation | | | | | | | | | | | | | | | | | | | |
| 1.1 Pylon forward upper leading edge access panel. Remove. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 2. Examination | | | | | | | | | | | | | | | | | | | |
| 2.1 Skin around jo-bolts adjacent to forward access panel inboard and outboard. Look for cracks (See Fig 1) UNIV/PFD/4 (AP-119A-20003-1). | | | | | | | | | | | | | | | | | | | |
| NB 1: Pylons having cracks measuring less than 1.35 in when measured from the centre of the jo-bolt propagating aft, are to be repaired I.A.W. Repair Scheme D45954 (AP110G-0115-125F6). | | | | | | | | | | | | | | | | | | | |
| NB 2: Pylons with cracks in excess of 1.35 in are to be rejected. | | | | | | | | | | | | | | | | | | | |
| BLOCK 3 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 3. Completion | | | | | | | | | | | | | | | | | | | |
| 3.1 Pylon forward upper leading edge access panel. Refit. | | | | | | | | | | | | | | | | | | | |
| SMS/113 | | | | | | | | | | | | Continued | | | | | | | |

INBOARD PYLON TYPE B: SKIN CRACKING AROUND JO-BOLTS
ADJACENT TO FORWARD ACCESS PANELS

Scrap view of Outboard Skin
Inboard Skin similar

Cracks may be expected
within the dotted lines.

Remove surface finish
from this area.

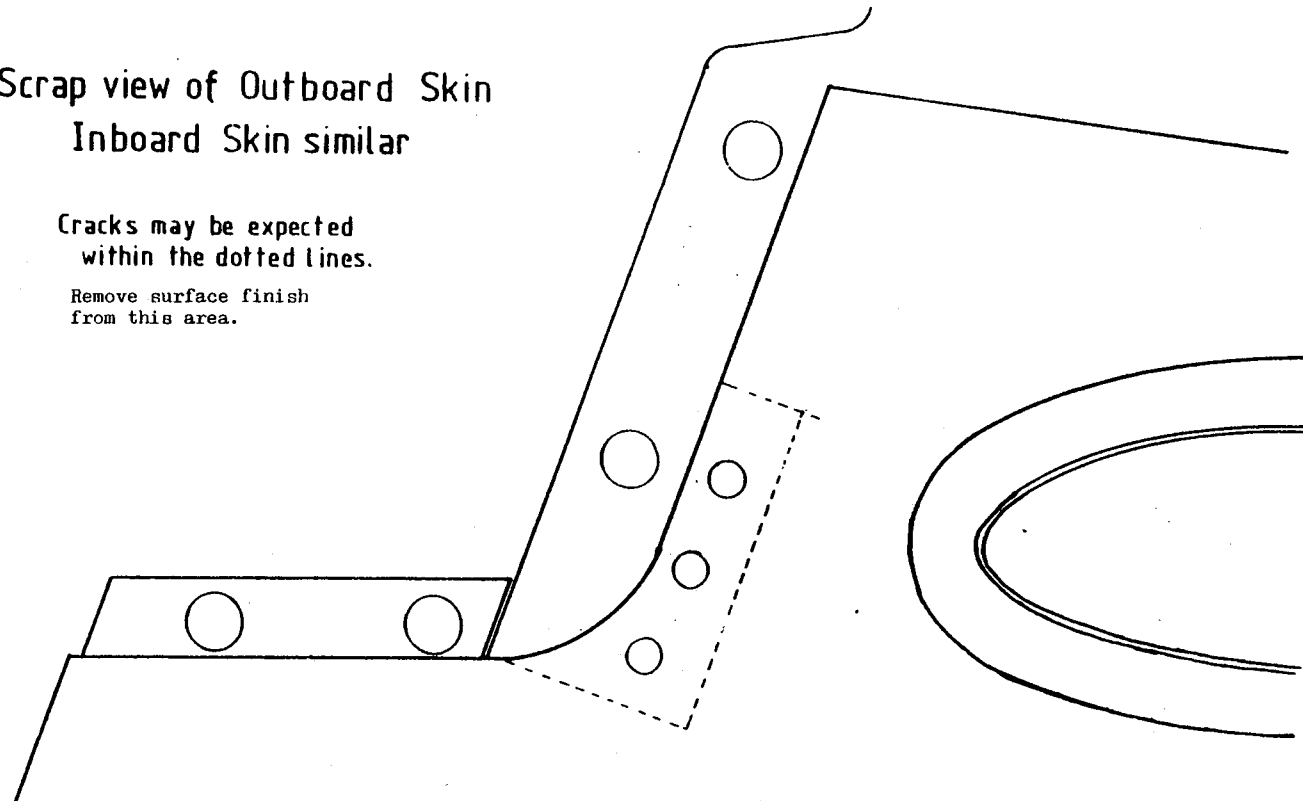


FIG 1

| | | | | | | | | | | | | | | | | | | | |
|--|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|---|---------------------|--|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 449 (1) (1 to 2) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| HOOD JETTISON RELEASE UNIT - RESETTNG | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Nil. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME 1. <u>Resetting</u> 1.1 Coupling Nut. Rotate in an anti-clockwise direction to move 'H' nut into shaped hole in release lever. 1.2 'H' Nut. Continue rotation of coupling until 'H' nut is flush with outer face of release lever. 1.3 Release Lever. Lock 'H' nut by rotating release lever to 'loaded' position. If release lever will not move, rotate coupling nut further until release lever can be freely moved to lock 'H' nut. No further rotation of the coupling in this direction is permissible. <i>P.T.O.</i> NB: It is important that the release lever is retained in this loaded position throughout the remainder of the re-setting operations to prevent accidental release and possible injury to personnel. | | | | | | | | | | | | | | | | | | | |
| SMS/ 115 | | | | | | | | | | | | | | | | Continued | | | |

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|--|---|--------------------------------------|---|--|--------------|-------------------|
| AIRFRAME SP 449 (2) | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | AP101B-1300-5A3C Sect 4 Chap 1 | SERVICING RECORD Aircraft Ser No: Date: | RAF Form 2988B (Revised Jan 85) | | |
| HOOD JETTISON RELEASE UNIT - RESETTNG | | | TRADESMAN | Brief Details of Suspected Defect and SNOW When Applicable | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | MAN HRS 1 | INITIS & TDM 2 | MAN HRS 4 | INITIS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | |
| 1. Resetting (Contd) 1.4 Coupling Nut. | | | Load this unit by rotating the coupling in a clockwise direction to the full extent of its travel to fully compress the spring of the unit. Ensuring that release lever does not move unscrew coupling nut one half turn. | | | |
| <div style="float: left;">SMS/ 115A</div> | | | | | | |

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|---|-------|-------|-------|---|--|--|--|--------------------------------------|--|--|--|---|---------------------|--|--|------------------------------------|--|-----------------|---------------------|
| AIRFRAME SP 450 (1) (1 to 5) | | | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | | | AP101B-1300-5A3C Sect 4 Chap 1 | | | | SERVICING RECORD Aircraft Ser No: Date: | | | | RAF Form 2988B (Revised Jan 85) | | | |
| FIN FRONT ATTACHMENT FITTINGS AT FRAME 52 - LOOSE | | | | | | | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | | | | | | | MAN HRS 1 | INITS & TDM 2 | 3 | | | | MAN HRS 4 | INITS & TDM 5 |
| TRADE AF | M/HRS | TRADE | M/HRS | ASSOCIATED PROCEDURE CARDS | | | | | | | | Code | | | | | | | |
| Special Tools and Equipment: | | | | | | | | | | | | | | | | | | | |
| Push pull gauge 1B/1375662. Hook 1B/1375663. DTI 1B/9100089. Mirror DTI mounting Locally manufactured as per FIG 1. | | | | | | | | | | | | | | | | | | | |
| BLOCK 1 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| 1. <u>Preparation</u> | | | | | | | | | | | | | | | | | | | |
| 1.1 Tailplane. Lower to full negative position. | | | | | | | | | | | | | | | | | | | |
| 1.2 Fin leading edge access Remove. | | | | | | | | | | | | | | | | | | | |
| 1.3 Top tailplane fairing. Remove. | | | | | | | | | | | | | | | | | | | |
| BLOCK 2 AIRFRAME | | | | | | | | | | | | | | | | | | | |
| NB: During Item 2 the load operator is <u>not to stand on the tailplane</u> as this would affect the gauge reading. | | | | | | | | | | | | | | | | | | | |
| 2. <u>Examination</u> | | | | | | | | | | | | | | | | | | | |
| 2.1 Rivets at frame 52 Examine. (Port and Starboard). (Using push pull gauge and hook apply a load of 100lb to fin slinging points, laterally in both directions). | | | | | | | | | | | | | | | | | | | |
| 2.2 Attachment angles. Look for cracks using mirror. (Part No.F18642/3). (Apply pressure to top of diaphragm port and starboard at diaphragm legs to fin attachment fitting). | | | | | | | | | | | | | | | | | | | |
| SMS/ 116 | | | | | | | | | | | | Continued | | | | | | | |

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|--|--|---|--|--------------------------------------|--|---|-----------------|---|---|-----------------|---------------------|
| AIRFRAME SP 450 (2) | | SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS | | AP101B-1300-5A3C Sect 4 Chap 1 | | SERVICING RECORD Aircraft Ser No: Date: | | RAF Form 2988B (Revised Jan 85) | | | |
| FIN FRONT ATTACHMENT FITTINGS AT FRAME 52 - LOOSE | | | | | | TRADESMAN | | Brief Details of Suspected Defect and SNOW When Applicable | | SUPERVISOR | |
| SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD | | | | | | Code | MAN HRS 1 | INITS & TDM 2 | 3 | MAN HRS 4 | INITS & TDM 5 |
| BLOCK 1 AIRFRAME | | | | | | | | | | | |
| NB: Item 3 is only applicable when loose rivets or cracked attachment angles are found during item 2. | | | | | | | | | | | |
| 3. Examination | | | | | | | | | | | |
| 3.1 DTI. | | | | | | | | | | | |
| (i) Attach to port landing of fin access panel as detailed in FIG 2. | | | | | | | | | | | |
| (ii) Zero. (Fin unloaded). | | | | | | | | | | | |
| NB: During Sub-item 3.2 where the average deflection is greater than .005 inch repair port or starboard fin attachment i.a.w. AP101B-1300-6. | | | | | | | | | | | |
| 3.2 Fin. | | | | | | | | | | | |
| (i) Apply pressure as in sub-item 2.1 laterally to port. | | | | | | | | | | | |
| (ii) Observe and record deflection of DTI. | | | | | | | | | | | |
| (iii) Repeat (i) & (ii) a further two times. | | | | | | | | | | | |
| (iv) Apply pressure as in sub-item 2.1 laterally to starboard. | | | | | | | | | | | |
| (v) Observe and record deflection of DTI. | | | | | | | | | | | |
| (vi) Repeat (iv) & (v) a further two times. | | | | | | | | | | | |
| (vii) Add together the average port deflection and the average starboard deflection and record. | | | | | | | | | | | |
| 3.3 DTI. | | | | | | | | | | | |
| (i) Remove. | | | | | | | | | | | |
| (ii) Attach to starboard landing of fin access panel as detailed in FIG 2. | | | | | | | | | | | |
| (iii) Zero. (Fin unloaded). | | | | | | | | | | | |
| SMS/ 116A | | | | | | Continued | | | | | |

FIN FRONT ATTACHMENT FITTINGS AT FRAME 52 - LOOSE

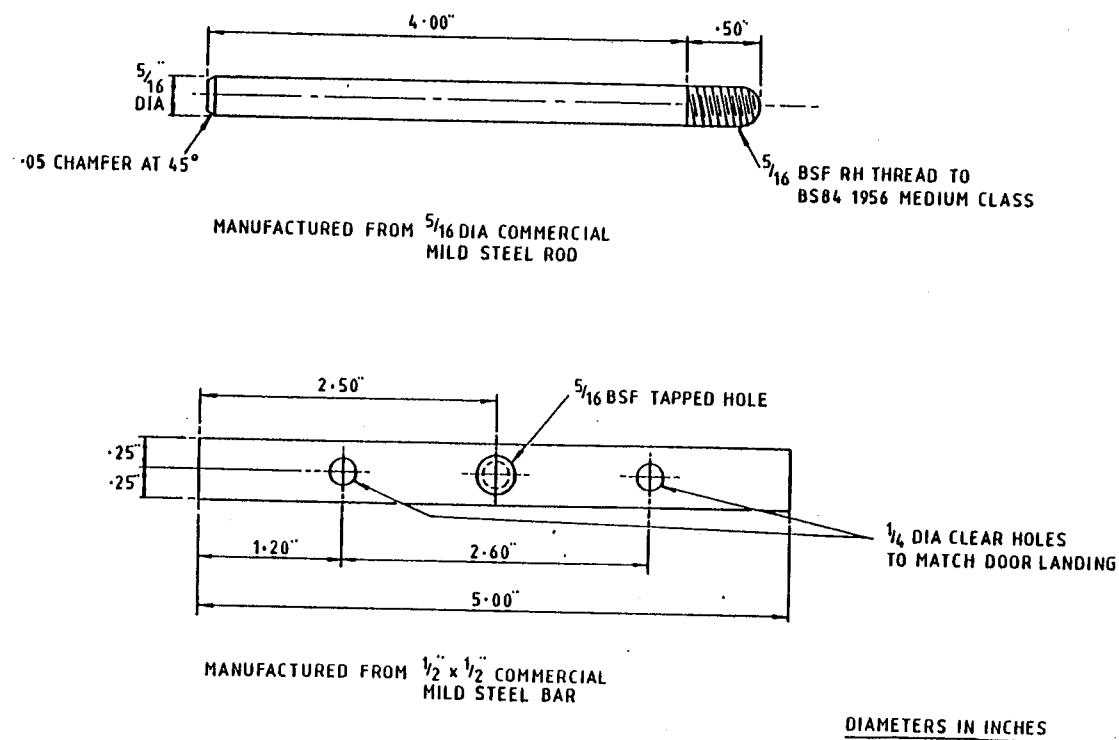


FIG 1

FIN FRONT ATTACHMENT FITTINGS AT FRAME 52 - LOOSE

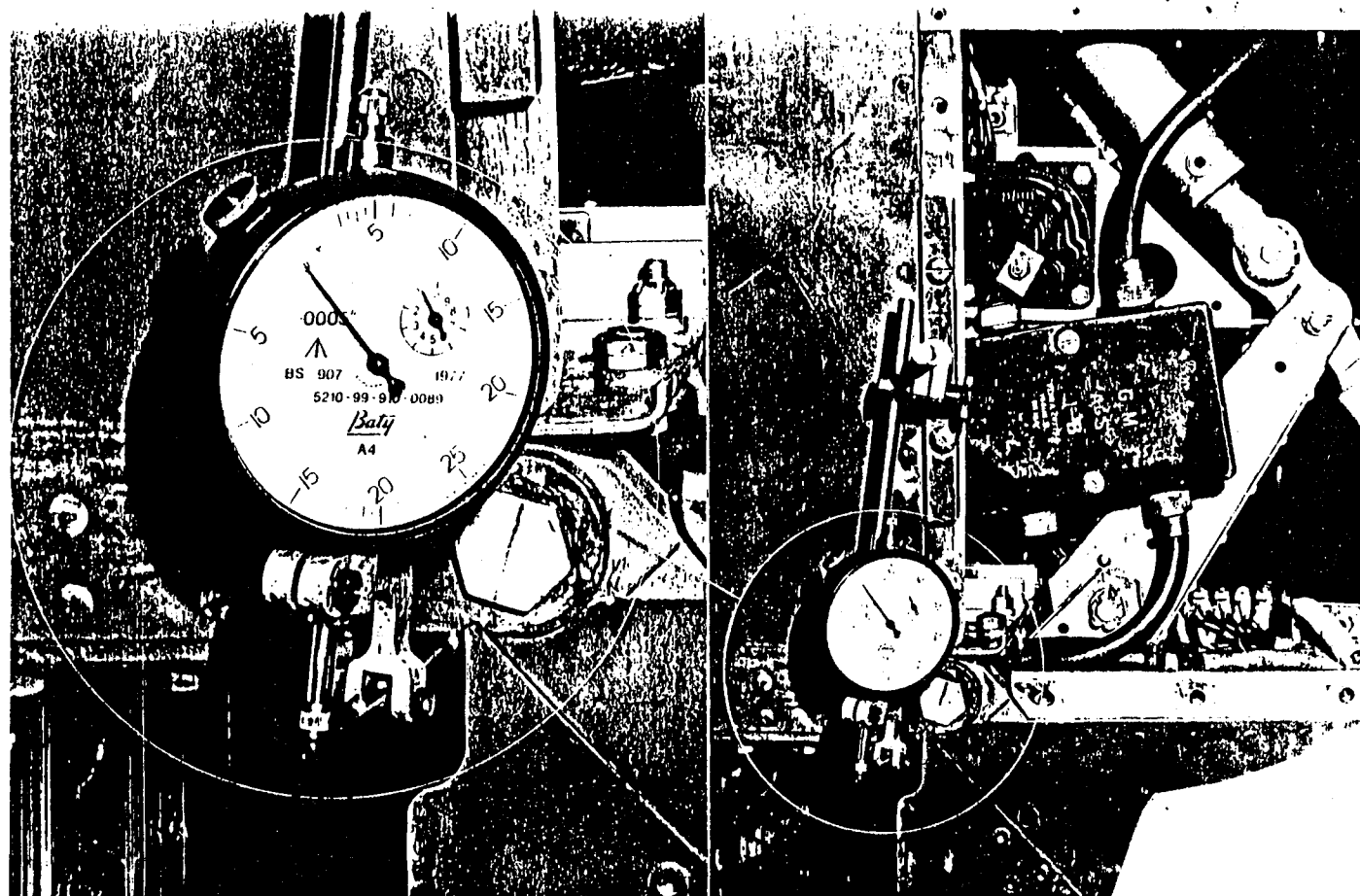


FIG 2

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