

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2

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AIRFRAME SP 121 (1) (1 to 9)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
AILERON AND ELEVATOR - TESTS										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:															
Spring Balance, 1A/4390.															
BLOCK 1 ELECTRICAL															
1. Preparation															
1.1 External electrical Power supply.								(i) Connect. (ii) Switch on.							
BLOCK 2 AIRFRAME															
2. Preparation															
2.1 Aircraft.								Raise on jacks.							
2.2 Aileron and elevator selector switches.								Set to 'POWER ON'.							
2.3 Control column.								Operate several times to exhaust hydraulic accumulator pressures.							
2.4 Aileron and elevator selector switches.								Set to 'POWER OFF'.							
2.5 Aileron accumulator.								Replenish with air. (1575 lbf/in ²).							
SMS/5								Continued							

AIRFRAME SP 121 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
AILERON AND ELEVATOR - TESTS				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>Preparation</u> (Contd)									
NB: Sub-item 2.6 is applicable only to aircraft Post Mod 690.									
2.6 Aileron accumulator. Replenish with air. (900 lbf/in2).									
2.7 Elevator accumulator. Replenish with air. (1575 lbf/in2).									
2.8 Hydraulic reservoir. Replenish. (5A2 Sect 2).									
2.9 Ground test connection blanking caps. Remove.									
2.10 Hydraulic servicing trolley. Connect.									
2.11 Undercarriage ground safety locks. Remove.									
BLOCK 2 AIRFRAME									
3. <u>Stability Test</u>									
3.1 Hydraulic servicing trolley. Start.									
3.2 Aileron and elevator selector switches. Set to 'POWER ON'.									
SMS/5A				Continued					

AIRFRAME SP 121(3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89)					
Aileron and Elevator - Tests						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					
						Man Hrs	Initits & TDM				
						Man Hrs	Initits & TDM				
BLOCK 1	AIRFRAME					C o d e	Man Hrs 1	Initits & TDM 2	3	Man Hrs 4	Initits & TDM 5
3.	Stability Test (Contd)										
3.3	Control column. (i) Hit hard over in all directions. (ii) Ensure returns smoothly to neutral with no tendency to travel through its full range. Note: Instability is indicated if aircraft vibrates.										
NB:	Sub-items 3.4 is applicable only if controls are unstable.										
3.4	Aileron and elevator hydroboosters. Adjust as necessary.										
3.5	Aileron and elevator selector switches. Set to 'POWER OFF'.										
BLOCK 2	AIRFRAME										
4.	Static Friction Check - Preparation										
NB:	Sub-item 4.1 is to be carried out in conjunction with Sub-item 4.2.										
4.1	Aileron selector switch. Operate several times.										
4.2	Aileron two position jack. Ensure movement is full and free.										
4.3	Hydraulic servicing trolley. Stop.										
4.4	Elevator feel unit. Disconnect at forward end.										
4.5	Aileron and elevator selector switches. Ensure set to 'POWER OFF'.										
SM 89/1504 (2)						Continued					

AIRFRAME
SP 121(4)
Amdt 1

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 1

MAINTENANCE RECORD

RAF Form 2988B
(Revised Apr 89)

Aircraft/Equipment:

Ser No:

Date:

AILERON AND ELEVATOR - TESTS

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

5. Static Friction Check -
Manual

NB: Sub-item 5.1 is applicable only to Mk 7, 7A and 8B aircraft.

5.1 Top of Port control column handgrip. Attach spring balance 1A/4390.

5.2 Aileron control. Check load required to move control column from neutral does not exceed 9lb in either direction.

5.3 Elevator control. (i) Check load required to move control column from neutral rearwards does not exceed 7lb.
(ii) Check load required to move control column from neutral forwards does not exceed 9lb.

NB: Sub-items 5.4 and 5.5 are applicable only to Mk 7, 7A and 8B aircraft.

5.4 Spring balance. (i) Remove from Port column.
(ii) Fit to Starboard column.

5.5 Controls. Repeat Sub-items 5.2 and 5.3.

5.6 Spring balance. Remove.

AIRFRAME SP 121 (6)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
AILERON AND ELEVATOR - TESTS				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>Static Friction Check - Power</u> (Contd)									
6.11 External electrical power supply. Switch off.									
6.12 Aileron controls.) Ensure remain in power.									
6.13 Elevator controls.)									
6.14 External electrical. Switch on.									
6.15 Spring balance. Remove.									
BLOCK 2 AIRFRAME									
7. <u>Power Controls - Emergency Test</u>									
7.1 Hydraulic servicing trolley. Stop.									
NB: Sub-items 7.2 and 7.3 are to be carried out concurrently.									
7.2 Main system hydraulic pressure. Dissipate by selecting flaps.									
7.3 Hydraulic failure warning lamp. Ensure lit when hydraulic pressure falls to 600 PLUS OR MINUS 50 lbf/in2.									
7.4 Aileron controls. Check after 1 minute not less than 2 1/2 cycles are available before reverting to manual.									

SMS/ 7A

Continued

AIRFRAME SP 121 (7)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
AILERON AND ELEVATOR - TESTS				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>Power Controls - Emergency Test</u> (Contd) 7.5 Elevator controls. Check after 1 minute not less than 1 1/4 cycles are available before reverting to manual.									
BLOCK 2 AIRFRAME 8. <u>Power Controls - Pressure Check</u> 8.1 Hydraulic servicing trolley. Start. NB: Sub-item 8.3 is applicable only to Mk 7, 7A and 8B aircraft. 8.3 Top of Port control column handgrip. Attach spring balance. 8.4 Aileron and elevator selector switches. Ensure left in 'POWER ON' position for 5 minutes. NB: Sub-item 8.5 is applicable only to Mk 7, 7A and 8B aircraft and is not to be commenced until the time specified at Sub-item 8.4 has elapsed. 8.5 Port control column. Check load required to move from neutral does not exceed 6lb in any direction. 8.6 Spring balance. Remove. 8.7 Elevator feel unit. Reconnect.									
SMS/ 8				Continued					

AIRFRAME SP 121 (8)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
AILERON AND ELEVATOR - TESTS						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											
9. <u>Power Controls - Pressure Check</u> NB1: Control column movement detailed in Sub-item 9.1 is to be maintained throughout Sub-items 9.2 and 9.4 to 9.6 inclusive. NB2: During this item hydraulic system pressure is not to fall below 1200 lbf/in ² . 9.1 Control column. Move at rate of 1 stir every 2 seconds. 9.2 Undercarriage selector. (i) Set to 'UP'. (ii) Set to 'DOWN'. 9.3 Flaps. Ensure down. 9.4 Undercarriage selector.) Set to 'UP'. 9.5 Flap selector.) 9.6 Airbrake selector. (i) Set to 'OUT'. (ii) Set to 'IN'. 9.7 Control column. Release. 9.8 Undercarriage selector. Set to 'DOWN'.											
BLOCK 2 AIRFRAME											
10. <u>Completion</u> 10.1 Aileron and elevator Set to 'POWER OFF'. selector switches. 10.2 Undercarriage ground Fit. safety locks.											
SMS/ 8A						Continued					

[illegible]

AIRFRAME SP 122 (1) (1 to 4)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
TAILPLANE SWITCH GEAR - MICRO SWITCH 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							
Special Tools and Equipment:															
28 Volt Test Rig.															
BLOCK 1 AIRFRAME															
1. Preparation															
1.1 Aircraft.									(i) Raise on jacks. (ii) Place in rigging position.						
BLOCK 2 ELECTRICAL NCO															
2. Adjustments															
2.1 External electrical power supply.									(i) Connect. (ii) Switch on.						
2.2 Tailplane.									Set neutral.						
2.3 Tailplane main control switch.) Set to 'OFF'.						
2.4 Elevator selector switch.)						
2.5 Terminal block 79 terminals 4 and 5 or Terminal block 97 terminals 7 and 8.									Connect test rig and connect earth terminal on test rig to aircraft fuselage.						
2.6 Datum trim actuator.									(i) Disconnect electrical connections. (ii) Connect test rig.						
SMS/ 10		Continued													

AIRFRAME SP 122 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
TAILPLANE SWITCH GEAR - MICRO SWITCH 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 ELECTRICAL NCO											
2. <u>Adjustments</u> (Contd)											
2.7 Main and standby tailplane actuators isolating switch.											
Set to isolate main actuator.											
2.8 Tailplane main control switch.											
Set to 'ON'.											
2.9 Test rig.											
Operate until datum trim actuator is fully extended.											
BLOCK 2 AIRFRAME											
3. <u>Adjusting</u>											
NB: During Sub-item 3.1, control column is to be held in neutral position by spring feel unit.											
3.1 Test rig indicator lamp.											
Ensure lit.											
3.2 Elevators.											
(i) Raise slowly by hand until test rig warning lamp is extinguished.											
(ii) Record angle.											
(iii) Continue to raise until appropriate indicator lamp lights.											
(iv) Record angle.											
3.3 Switch gear micro switches.											
Adjust until a difference of 1 3/4 degrees is obtained between elevator angles recorded in Sub-item 3.2 Operations (ii) and (iv).											
SMS/ 10A						Continued					

AIRFRAME SP 122 (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
TAILPLANE SWITCH GEAR - MICRO SWITCH 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 3. <u>Adjusting</u> (Contd) 3.4 Elevator selector switch. Set to 'ON'. NB: In Sub-item 3.5, the elevators are to be moved by operating the control column. 3.5 Elevators. Recheck angular movement in both directions between opening and closing of micro switches.											
BLOCK 2 AIRFRAME NB: Item 4 is applicable only if angular movement obtained in Sub-item 3.5 exceeds 1 3/4 PLUS OR MINUS 1/4 degrees. 4. <u>Rectification</u> 4.1 Elevators. Repeat Sub-items 3.1 to 3.3 inclusive.											
BLOCK 3 ELECTRICAL NCO 5. <u>Completion</u> 5.1 Tailplane main control switch.) Set to 'OFF'. 5.2 Elevator selector switch.) 5.3 Main and standby tailplane Set to isolate standby actuator. actuator isolating switch. 5.4 Datum trim actuator. (i) Disconnect test rig. (ii) Reconnect electrical connections.											
SMS/11						Continued					

AIRFRAME SP 123 (1) (1 to 8)					SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS					AP101B-1300-5A3B Sect 2 Chap 1					SERVICING RECORD Aircraft Ser No: _____ Date: _____					RAF Form 2988B (Revised Jan 85)				
FLYING TAILPLANE - RANGE OF MOVEMENT CHECK															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 Elect	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS										Code										
Special Tools and Equipment:																								
Nil.																								
NB: During this Procedure Position Indicator is to be checked for correct operation.																								
BLOCK 1 AIRFRAME																								
1. Preparation																								
1.1 Aircraft. (i) Raise on jacks. (ii) Place in rigging position.																								
BLOCK 2 ELECTRICAL																								
2. Preparation																								
2.1 External electrical power supply. (i) Connect. (ii) Switch on.																								
BLOCK 3 AIRFRAME																								
NB: Item 3 is applicable only to Mk 7, 7A and 8B aircraft.																								
3. Testing																								
3.1 Tailplane. Ensure operates from Pupil's and Instructor's and standby switches.																								
3.2 Pupil's and Instructor's switches. Operate in opposing senses.																								
SMS/12															Continued									

AIRFRAME SP 123 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
FLYING TAILPLANE - RANGE OF MOVEMENT 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									
3. <u>Testing</u> (Contd)									
3.3 Tailplane. Ensure operates in sense selected by Instructor's switch.									
3.4 Tailplane cut-out. Trip.									
3.5 Main circuit. Ensure inoperative.									
3.6 Tailplane cut-out. Reset.									
3.7 Tailplane main control switch. Set to 'ON'.									
3.8 Control column. Move rearwards.									
3.9 Tailplane. Ensure incidence decreases.									
3.10 Control column. Move forward.									
3.11 Tailplane. (i) Ensure incidence increases. (ii) Set to neutral.									
3.12 Desynn indicator. Ensure registering 'NEUTRAL'.									
BLOCK 2 AIRFRAME									
4. <u>Flying Tail Trim Check</u>									
4.1 Tailplane. Trim zero with control column free.									
4.2 Elevator power switch. Switch 'ON'.									

SMS/ 12A

Continued

HUN/5A3B/1.20

AIRFRAME SP 123 (4)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
FLYING TAILPLANE - RANGE OF MOVEMENT 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>Tailplane Incidence Check</u> During Sub-item 5.1 control column is to be allowed to move without any manual assistance.											
5.1 Trim switch. Operate until a fully positive tailplane incidence is obtained. Sub-item 5.2 is applicable only to Mk 7, 7A and 8B aircraft.											
5.2 Tailplane. Check incidence is between 2 degrees 24 minutes and 2 degrees 36 minutes.											
NB: Sub-item 5.3 is applicable only if fully positive incidence is not obtained in Sub-item 5.2.											
5.3 Spring unit. Shorten as necessary.											
5.4 Trim switch. Release.											
5.5 Tailplane. Ensure remains in fully positive position.											
5.6 Control column. Move rearwards slowly.											
5.7 Tailplane actuator. Ensure retraction commences before elevator angle reaches between plus 2 degrees and plus 3 degrees relative to tailplane.											
SMS/ 13A						Continued					

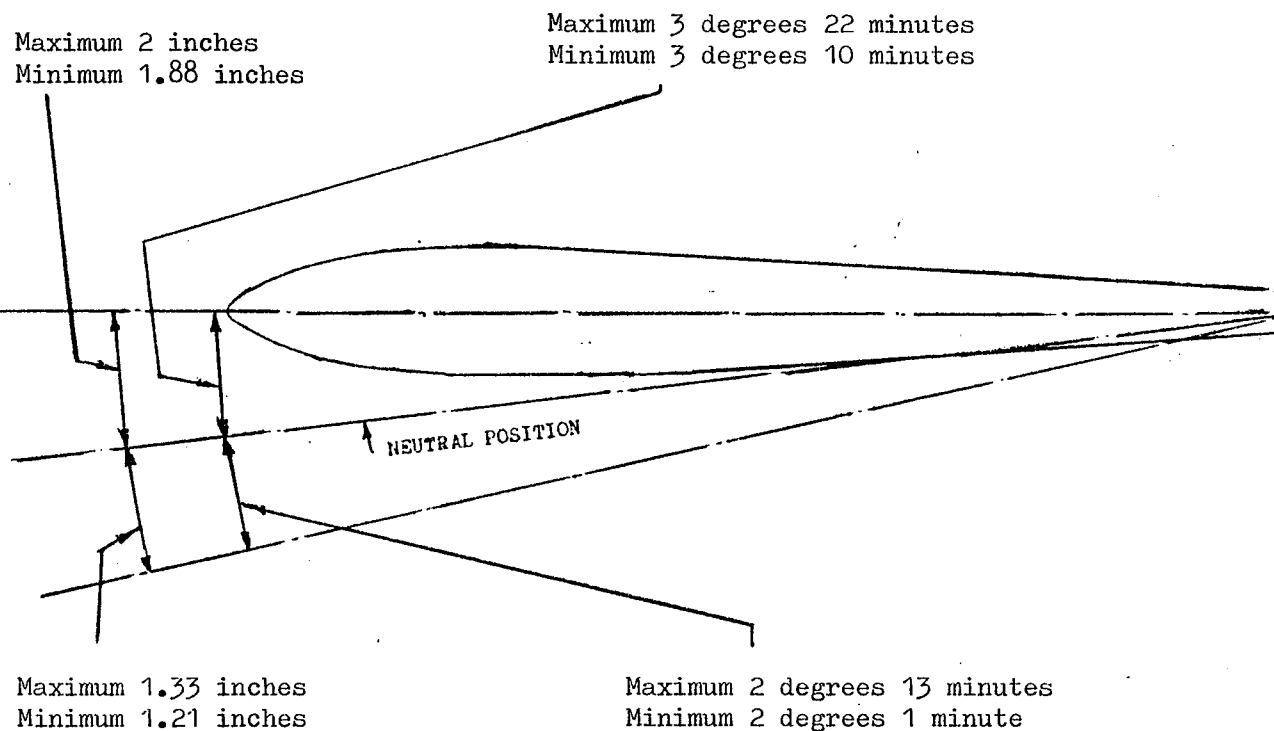
AIRFRAME SP 123 (5)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
FLYING TAILPLANE - RANGE OF MOVEMENT CHECK				TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		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>Tailplane Incidence Check</u> (Contd)									
NB: Sub-item 5.8 is applicable only if elevator angle exceeds the limits detailed in Sub-item 5.7 before actuator retraction commences.									
5.8 Spring unit. Lengthen as necessary.									
NB: In Sub-item 5.9 the control is to be allowed to move without any manual assistance.									
5.9 Trim switch. Operate until a fully negative tailplane incidence is obtained.									
NB: Sub-item 5.10 is applicable only to Mk 7, 7A and 8B aircraft.									
5.10 Tailplane. Check negative incidence of between 2 degrees 47 minutes and 2 degrees 59 minutes is obtained.									
NB: Sub-items 5.11 to 5.14 inclusive are applicable only if fully negative incidence is not obtained in Sub-item 5.10.									
5.11 Spring unit. Lengthen, ensuring positive incidence is kept within limits.									
5.12 Trim switch. Release.									
5.13 Tailplane. Ensure remains in fully negative position.									
5.14 Spring unit locknut. (i) Tighten. (ii) Lock.									
5.15 Tailplane main control switch. Set to 'OFF'.									
SMS/ 114				Continued					

AIRFRAME SP 123 (6)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
FLYING TAILPLANE - RANGE OF MOVEMENT 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											
6. <u>Range of Movement Check</u> NB: During Sub-item 6.1 control column is to be maintained neutral. 6.1 Trim switch. Set to 'NOSE DOWN'. NB: Sub-item 6.2 is applicable only to Mk 7, 7A and 8B aircraft. 6.2 Tailplane. Check upward movement is between 1.43 and 1.55 in. NB: During Sub-item 6.3 control column is to be maintained neutral. 6.3 Trim switch. Set to 'NOSE UP'. NB: Sub-item 6.4 is applicable only to Mk 7, 7A and 8B. 6.4 Tailplane. Check downward movement is between 1.66 and 1.78 in.											
BLOCK 2 AIRFRAME											
7. <u>Angular Movement Check</u> NB: Sub-items 7.1 to 7.6 inclusive are to be repeated 6 times. 7.1 Tailplane main control switch. Set to 'ON'. 7.2 Tailplane. Check angular movement does not exceed 15 minutes.											
SMS/ 14A						Continued					

AIRFRAME SP 124 (1) (1 to 6)						SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
TAILPLANE - RANGE OF MOVEMENT 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		Code									
Special Tools and Equipment:															
Nil.															
BLOCK 1 AIRFRAME															
1. Preparation															
1.1 Aircraft. (i) Raise on jacks. (ii) Place in rigging position.															
BLOCK 2 ELECTRICAL															
2. Preparation															
2.1 External electrical power supply. (i) Connect. (ii) Switch on.															
BLOCK 3 AIRFRAME															
3. Preparation															
3.1 Elevator accumulator. Replenish with air. (1575 lbf/in2).															
3.2 Hydraulic reservoir. Replenish. (5A2 Sect 2).															
3.3 Ground test connection blanking caps. Remove.															
SMS/ 16						Continued									

AIRFRAME SP 124 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
TAILPLANE - RANGE OF MOVEMENT 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 3. <u>Preparation</u> (Contd) 3.4 Hydraulic servicing trolley. (i) Connect. (ii) Start. 3.5 Elevator selector switch. Set to 'POWER ON'. 3.6 Tailplane main control switch. Set to 'ON'.											
BLOCK 2 AIRFRAME 4. <u>Test</u> NB: Sub-item 4.1 is applicable only to Mk 7, 7A and 8B aircraft and is to be carried out on Port and Starboard control column Trim switches. 4.1 Tailplane and elevators. Measure angles. (Fig 1 and Table 1). NB: During Sub-item 4.2 control column is to be moved between the elevator stops at a rate of one complete movement every 3 1/2 seconds. 4.2 Control column. Ensure smooth operation. 4.3 Tailplane main control switch. Set to 'OFF'. NB: During Sub-item 4.4 control column is to be moved fore and aft. 4.4 Tailplane. Ensure remains in neutral position. 4.5 Elevator selector switch. Set to 'POWER OFF'.											
SMS/ 16A						Continued					

TAILPLANE - RANGE OF MOVEMENT CHECK



TAILPLANE INCIDENCE - (Main Control Switch 'OFF')

FIG 1

TAILPLANE - RANGE OF MOVEMENT CHECK

Trim	Control Column	Incidence		Elevator angle relative to tailplane	
		Maximum	Minimum	Maximum	Minimum
Neutral	Neutral	0 degrees	0 degrees	0 degrees	0 degrees
	Full forward.	Fully positive tailplane control 'OFF'.		7 degrees down.	5 degrees 30 minutes down.
	Full aft.	Fully negative tailplane control 'OFF'.		18 degrees 30 minutes up.	17 degrees up.
Fully positive	Full forward.	Fully positive tailplane control 'OFF'.		7 degrees down.	5 degrees 30 minutes down.
	Moved aft until tailplane just moves.	As reading above plus 0 minus 2 minutes.		1 degree 22 minutes up.	1 degree 7 minutes up.
	Moved aft to tailplane neutral.	0 degrees.	0 degrees	8 degrees up.	7 degrees up.
	Full aft.	Minus 1 degree 52 minutes.	Minus 2 degrees 12 minutes.	19 degrees 30 minutes up.	18 degrees up.
	Moved forward until tailplane just moves.	As above plus 2 minus 0 minutes.		17 degrees up.	15 degrees 30 minutes up.
	Moved forward to tailplane neutral.	0 degrees	0 degrees	6 degrees 30 minutes up.	5 degrees 30 minutes up.

TAILPLANE RANGE OF MOVEMENT (MK 7, 7A and 8B)

TABLE 1

TAILPLANE - RANGE OF MOVEMENT CHECK

Trim	Control Column	Incidence		Elevator angle relative to tailplane	
		Maximum	Minimum	Maximum	Minimum
Fully negative	Moved forward.	Plus 10 minutes.	Minus 20 minutes.	9 degrees 30 minutes down.	8 degrees 30 minutes down.
	Moved aft until tailplane just moves.	As reading above plus 0 minus 2.		8 degrees 30 minutes down.	7 degrees 30 minutes down.
	Full aft.	Fully negative tailplane control 'OFF'.		18 degrees 30 minutes up.	17 degrees up.
	Moved forward until tailplane just moves.	As above plus 2 minus 0 minutes.		2 degrees 30 minutes down.	30 minutes down.

TAILPLANE RANGE OF MOVEMENT (MK 7, 7A and 8B) (Contd)

TABLE 1 (Contd)

AIRFRAME SP 125 (1) (1 to 5)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
MAIN CONTROLS - RANGE OF MOVEMENT 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						Code					
Special Tools and Equipment: Nil.															
BLOCK 1 ELECTRICAL 1. <u>Preparation</u> 1.1 External electrical power supply.										(i) Connect. (ii) Switch on.					
BLOCK 2 AIRFRAME 2. <u>Preparation</u> 2.1 Aileron and elevator selector switches. 2.2 Control column. 2.3 Aileron and elevator selector switches. NB: Sub-item 2.4 is applicable only to aircraft Pre Mod 690. 2.4 Aileron accumulator.										Set to 'POWER ON'. Operate several times to exhaust hydraulic accumulators. Set to 'POWER OFF'. Replenish with air. (1575 lbf in2).					
SMS/ 21										Continued					

AIRFRAME SP 125 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
MAIN CONTROLS - RANGE OF MOVEMENT 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 2. <u>Preparation</u> (Contd) NB: Sub-item 2.5 is applicable only to aircraft Post Mod 690. 2.5 Aileron accumulator. Replenish with air. (900 lbf/in2). 2.6 Elevator accumulator. Replenish with air. (1575 lbf/in2). 2.7 Hydraulic reservoir. Replenish. (5A2 Sect 2). 2.8 Ground test connection. Remove. blanking caps. 2.9 Hydraulic servicing trolley. (i) connect. (ii) Start. 2.10 Aileron and elevator selector Set to 'POWER ON'. switches.											
BLOCK 2 AIRFRAME 3. <u>Ailerons Range of Movement</u> 3.1 Control column. Move to Port. 3.2 Ailerons. (i) Check Port aileron is up between 4.55 and 4.9 in. (ii) Check Starboard aileron is down between 4.55 and 4.9 in. 3.3 Control column. Move to Starboard.											
SMS/ 21A						Continued					

AIRFRAME
SP 125 (3)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 1

SERVICING RECORD

RAF Form 29
(Revised Jan 85)

Aircraft Ser No:
Date:

MAIN CONTROLS - RANGE OF MOVEMENT CHECK

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>Ailerons Range of Movement</u> (Contd)						
3.4 Ailerons. (i) Check Starboard aileron is up between 4.55 and 4.9 in. (ii) Check Port aileron is down between 4.55 and 4.9 in.						
3.5 Control column. Move to neutral.						
3.6 Ailerons. Check backlash at trailing edge does not exceed 0.15 in.						
BLOCK 2 AIRFRAME						
NB: Item 4 is applicable only to Mk 7, 7A and 8B aircraft Pre Mod 841.						
4. <u>Elevators Range of Movement</u>						
4.1 Control column. Move forward.						
4.2 Elevators. Check elevators move down between 2.7 and 2.88 in.						
4.3 Control column. Move rearwards.						
4.4 Elevators. Check elevators move up between 6.46 and 6.61 in.						
4.5 Control column. Move to neutral.						
4.6 Elevators. Check backlash at trailing edge is between 0.03 and 0.2 in.						

SMS/ 22

Continued

AIRFRAME SP 125 (4)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
MAIN CONTROLS - RANGE OF MOVEMENT 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>Rudder Range of Movement</u>									
5.1 Rudder pedals. Move to Port.									
5.2 Rudder. Check rudder moves to Port between 6.06 and 6.21 in.									
5.3 Rudder pedals. Move to Starboard.									
5.4 Rudder. Check rudder moves to Starboard between 6.06 and 6.21 in.									
5.5 Rudder pedals. Move to neutral.									
5.6 Rudder. Check backlash at trailing edge does not exceed 0.2 in.									
BLOCK 2 AIRFRAME									
6. <u>Completion</u>									
6.1 Aileron and elevator selector switches. Set to 'POWER OFF'.									
6.2 Hydraulic servicing trolley. (i) Stop. (ii) Disconnect.									
6.3 Ground test connection. Refit. blanking caps.									

SMS/ 02.1

Continued

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AIRFRAME SP 126 (1) (1 to 3)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
TRIM CONTROLS - RANGE OF MOVEMENT 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				Code							
Special Tools and Equipment: Rigging Fixture, 26FX/95144.															
BLOCK 1				ELECTRICAL											
1. <u>Preparation</u>															
1.1 External electrical power supply.				(i) Connect. (ii) Switch on.											
BLOCK 2				AIRFRAME											
2. <u>Preparation</u>															
2.1 Control column.) Lock with rigging fixture,											
2.2 Rudder bar.) (26FX/95792 - T7, 7A and 8B).											
2.3 Auto-stabilizer switch.				Set to 'OFF'.											
BLOCK 3				AIRFRAME											
NB: During Item 3 the Pupil's trim switch is to be used on Mk 7, 7A and 8B aircraft.															
3. <u>Aileron Trim Tab Check</u>															
3.1 Trim switch.				Set to Port.											
3.2 Aileron trim tab.				Check down betw een 1.1 and 1.4 in.											
SMS/ 214								Continued							

AIRFRAME SP 126 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
TRIM CONTROLS - RANGE OF MOVEMENT 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											
3. <u>Aileron Trim Tab Check</u> (Contd)											
3.3 Trim switch. Set to Starboard.											
3.4 Aileron trim tab. Check up between 1.1 and 1.4 in.											
3.5 Trim switch. Set neutral (Indicated).											
3.6 Aileron trim tab. Check in basic position as recorded in Form 700.											
BLOCK 2 AIRFRAME											
NB: During Item 4 the Pupil's trim switch is to be used on Mk 7, 7A and 8B aircraft.											
4. <u>Rudder Trim Tab Check</u>											
4.1 Trim switch. Turn to Port.											
4.2 Rudder trim tab. Check to Starboard 0.55 in.											
4.3 Trim switch. Turn to Starboard.											
4.4 Rudder trim tab. Check to Port 0.5 in.											
4.5 Trim switch. Set to neutral (Indicated).											
4.6 Rudder trim tab. Check in basic position as recorded in Form 700.											

SMS/ 24.11

Continued

AIRFRAME
SP 126 (3)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

TRIM CONTROLS - RANGE OF MOVEMENT CHECK

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						
NB: Item 5 is applicable only to Mk 7, 7A and 8B aircraft.						
5. <u>Instructor's Trim and Interlock Check</u>						
5.1 Instructor's trim switch. Unlock.						
5.2 Pupil's trim switch. Ensure inoperative.						
5.3 Instructor's trim switch. (i) Ensure operates aileron trim only. (ii) Lock.						
5.4 Pupil's trim switch. Ensure operates aileron and rudder trim.						
BLOCK 2 AIRFRAME						
6. <u>Completion</u>						
6.1 Control column.) Remove rigging fixture.						
6.2 Rudder bar.)						
BLOCK 3 ELECTRICAL						
7. <u>Completion</u>						
7.1 External electrical power supply. (i) Switch off. (ii) Disconnect.						
SMS/ 25						

AIRFRAME SP 127 (1) (1 to 3)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
FLAPS - OPERATING SYSTEM										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:															
Nil.															
NB: During this Procedure Position Indicator is to be checked for correct operation.															
BLOCK 1 ELECTRICAL															
1. Preparation															
1.1 External electrical power supply. (i) Connect. (ii) Switch on.															
BLOCK 2 AIRFRAME															
2. Preparation															
2.1 Ground test connection blanking caps. Remove.															
2.2 Hydraulic servicing trolley. (i) Connect. (ii) Start.															
BLOCK 3 AIRFRAME															
NB: On Mk 7, 7A and 8B aircraft, this Item is to be carried out using instructor's switch.															
3. Range of Movement Check															
3.1 Flaps selector. Set to 'UP'.															
SMS/ 26										Continued					

AIRFRAME SP 127 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
FLAPS - OPERATING SYSTEM				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>Range of Movement Check</u> (Contd)									
3.2 Flaps. Ensure flush fitting.									
3.3 Flaps selector. Set to first indicator position.									
3.4 Flaps. Check movement is 6.8 PLUS OR MINUS 0.75 in.									
3.5 Flaps selector. Set to second indicator position.									
3.6 Flaps. Check movement is 10.1 PLUS OR MINUS 0.75 in.									
3.7 Flaps selector. Set to third indicator position.									
3.8 Flaps. Check movement is 13.4 PLUS OR MINUS 0.75 in.									
3.9 Flaps selector. Set to fourth indicator position.									
3.10 Flaps. Check movement is 16.6 PLUS OR MINUS 0.75 in.									
3.11 Flaps selector. Set to fifth indicator position.									
3.12 Flaps. Check movement is 19.8 PLUS OR MINUS 0.75 in.									
3.13 Flaps selector. Set to sixth indicator position.									
3.14 Flaps. Check movement is 25.8 PLUS OR MINUS 0.75 in.									

SMS/ JLA

Continued

AIRFRAME SP 127 (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
FLAPS - OPERATING SYSTEM						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>Range of Movement Check</u> (Contd)											
3.15 Flaps selector. Set to 'DOWN'.											
3.16 Flaps. Check movement is 33.1 PLUS OR MINUS 0.75 in.											
BLOCK 2 AIRFRAME											
NB: Item 4 is applicable only to Mk 7, 7A and 8B aircraft.											
4. <u>Range of Movement Check</u>											
4.1 Repeat Sub-items 3.1 to 3.16 inclusive using pilot's switch.											
BLOCK 3 AIRFRAME											
5. <u>Completion</u>											
5.1 Hydraulic servicing trolley. (i) Stop. (ii) Disconnect.											
5.2 Ground test connection Refit. blanking caps.											
BLOCK 4 ELECTRICAL											
6. <u>Completion</u>											
6.1 External electrical power (i) Switch off. supply. (ii) Disconnect.											
SMS/ 27											

AIRFRAME SP 128 (1) (1 to 4)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
AIRBRAKE OPERATING SYSTEM										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 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. Preparation															
3.1 Undercarriage ground safety locks.								Ensure removed.							
3.2 Refuelling cap.								Ensure secure.							
3.3 Ground test connection blanking caps.								Remove.							
SMS/ 28														Continued	

AIRFRAME SP 128 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
AIRBRAKE OPERATING SYSTEM				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)									
3.4 Hydraulic servicing trolley. (i) Connect. (ii) Start.									
3.5 Undercarriage selector. Set to 'UP'.									
BLOCK 2 AIRFRAME									
NB: On Mk 7 and 7A aircraft, this Item is to be carried out using Instructor's selector.									
4. <u>Testing</u>									
4.1 Airbrake selector. Set to 'OUT'.									
4.2 Dolls' Eye Indicator. Ensure white.									
4.3 Undercarriage selector. Set to 'DOWN'.									
4.4 Airbrake dolls' eye indicator. Ensure black before undercarriage indicators (3 off) indicate green.									
4.5 Airbrake. Ensure flush fitting.									
4.6 Undercarriage selector. Set to 'UP'.									
4.7 Airbrake selector. Set to 'OUT'.									
4.8 Dolls' Eye Indicator. Ensure white.									
4.9 Airbrake selector. Set to 'IN'.									

SMS/ 28A

Continued

AIRFRAME SP 128 (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
AIRBRAKE OPERATING SYSTEM						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> (Contd)											
4.10 Dolls' Eye Indicator. Ensure black.											
4.11 Airbrake. Ensure flush fitting.											
4.12 Undercarriage selector. Set to 'DOWN'.											
4.13 Airbrake test switch. Set to 'OUT' and release.											
4.14 Airbrake. Check control surface moves out approximately 15 degrees and returns immediately to 'IN' position.											
BLOCK 2 AIRFRAME											
NB: Item 5 is applicable only to Mk 7, 7A and 8B aircraft.											
5. <u>Testing</u>											
5.1 Repeat Sub-item 4.1 to 4.14 inclusive using students selector.											
BLOCK 3 AIRFRAME											
6. <u>Completion</u>											
6.1 Undercarriage ground safety locks. Fit.											
6.2 Hydraulic servicing trolley. (i) Stop. (ii) Disconnect.											
6.3 Ground test connection blanking caps. Refit.											
SMS/ 29						Continued					

AIRFRAME SP 128 (4)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
AIRBRAKE OPERATING SYSTEM						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 7. <u>Completion</u> 7.1 External electrical power supply.											
BLOCK 2 AIRFRAME 8. <u>Completion</u> 8.1 Aircraft.											
Lower to ground.											
SMS/ 29A											

AIRFRAME SP 129 (1) (1 to 7)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE OPERATING SYSTEM										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 25						Code					
Special Tools and Equipment:															
Pin Resetting Tool, 27Q/34904.															
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. Preparation															
3.1 Undercarriage ground safety locks. Ensure removed.															
3.2 Refuelling cap. Ensure secure.															
3.3 Ground test connection blanking caps. Remove.															
3.4 Hydraulic servicing trolley. (i) Connect. (ii) Start.															
SMS/ 30										Continued					

AIRFRAME SP 129 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE OPERATING SYSTEM				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. Preparation (Contd)									
3.5 Port and Starboard leg fairing flap adjusting rods. Lengthen.									
3.6 Port and Starboard leg fairing adjusting rods. Lengthen.									
3.7 Port and Starboard wheel fairing adjusters. Lengthen (Outboard).									
3.8 Mainwheel. Remove. (SP 25).									
3.9 Wheel hub. Fit.									
BLOCK 2 AIRFRAME									
NB: On Mk 7, 7A and 8B aircraft, Sub-items 4.1 to 4.12 are to be carried out using Pupil's selector.									
4. Testing									
4.1 Undercarriage selector. Set to 'UP'.									
4.2 Hydraulic test rig. Disengage before undercarriage is fully up.									
4.3 Hand pump. Use to retract undercarriage fully.									
4.4 Undercarriage units. Ensure not fouling other parts of aircraft.									
4.5 Undercarriage indicator. (Cockpit). Ensure operating correctly.									

SMS/ 30A

Continued

AIRFRAME SP 129 (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE OPERATING SYSTEM				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> (Contd)									
NB: Sub-items 4.6 and 4.7 are applicable only to Mk 7, 7A and 8B aircraft.									
4.6 Wheel hub. Check clearance. (AP101B-1302-1 Sect 3). <i>PARA 26</i>									
4.7 Wheel fairings, leg fairings and fairing flaps. Adjust. (AP101B-1302-1 Sect 3).									
4.8 Undercarriage doors and fairings. Ensure flush fitting when closed.									
4.9 Undercarriage selector. Set to 'DOWN'.									
4.10 Undercarriage units. Ensure not fouling other parts of aircraft.									
4.11 Undercarriage indicator Green lamps. (3 off). (Cockpit). Ensure lit.									
4.12 Wheel hub. Remove.									
4.13 Mainwheel. Refit. (SP 25).									
4.14 Repeat Sub-items 4.1 to 4.7 with the complete wheel assembly fitted.									
NB: Sub-items 4.15 to 4.24 inclusive are applicable only to Mk 7, 7A and 8B aircraft.									
4.15 Instructor's selector. Set to 'UP'.									
SMS/ 31				Continued					

AIRFRAME SP 129 (4)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
UNDERCARRIAGE OPERATING SYSTEM						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> (Contd)											
4.16 Undercarriage units. Ensure retract.											
4.17 Instructor's selector. Ensure Pupil button cannot be depressed.											
4.18 Pupil's selector. Set to 'UP'.											
4.19 Instructor's selector. (i) Set to 'PUPIL'. (ii) Set to 'DOWN'.											
4.20 Undercarriage units. Ensure extend.											
4.21 Undercarriage indicator Green lamps. (3 off). Ensure lit.											
4.22 Instructor's selector. Ensure Pupil button cannot be depressed.											
4.23 Pupil's selector. Set to 'DOWN'.											
4.24 Instructor's selector. Set to 'PUPIL'.											
BLOCK 2 ELECTRICAL											
5. <u>Preparation</u>											
NB: Sub-item 5.1 is applicable only to Mk 7 aircraft.											
5.1 Fuse No 3 (Main fuse box). Remove.											
SMS/ 31A						Continued					

AIRFRAME SP 129 (5)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
UNDERCARRIAGE OPERATING SYSTEM						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											
5. <u>Preparation</u> (Contd)											
NB: Sub-item 5.2 is applicable only to Mk 7A and 8B aircraft.											
5.2 Fuse No 8 (Main fuse box). Remove.											
BLOCK 2 AIRFRAME											
6. <u>Testing (Emergency 'UP' Selector Switch)</u>											
NB: On Mk 7, 7A and 8B aircraft Item 6 is to be carried out using the Instructor's selector.											
6.1 Undercarriage selector.											
(i) Ensure up button inoperative. (ii) Rotate up button collar 60 degrees. (iii) Set to 'UP'.											
6.2 Undercarriage units. Ensure retract.											
6.3 Undercarriage selector.											
(i) Set to 'DOWN'. (ii) Reset UP button collar using pin resetting tool, 27Q/34904.											
6.4 Undercarriage units. Ensure extend.											

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Continued

AIRFRAME SP 129 (6)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE OPERATING SYSTEM				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 7 is applicable only to Mk 7, 7A and 8B aircraft. 7. <u>Testing (Emergency 'UP' Selector Switch)</u> 7.1 Repeat Sub-item 6.1 to 6.4 inclusive using students selector.									
BLOCK 2 ELECTRICAL 8. <u>Completion</u> NB: sub-item 8.1 is applicable only to Mk 7 aircraft. 8.1 Fuse No 3 (Main fuse box). Refit. NB: Sub-item 8.2 is applicable only to Mk 7A and 8B aircraft. 8.2 Fuse No 8 (Main fuse box). Refit.									
BLOCK 3 AIRFRAME 9. <u>Completion</u> 9.1 Undercarriage ground safety locks. Fit. 9.2 Undercarriage units. Ensure fully down. 9.3 Undercarriage indicator Green lamps (3 off). Ensure indicates correctly. 9.4 Hydraulic servicing trolley. (i) Stop. (ii) Disconnect.									

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Continued

AIRFRAME SP 129 (7)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE OPERATING SYSTEM						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									
9. <u>Completion</u> (Contd)											
9.5 Ground test connection blanking caps.		Refit.									
BLOCK 2		ELECTRICAL									
10. <u>Completion</u>											
10.1 External electrical power supply.		(i) Switch off. (ii) Disconnect.									
BLOCK 3		AIRFRAME									
11. <u>Completion</u>											
11.1 Aircraft.		Lower to ground.									
SMS/ 33											

AIRFRAME SP 130 (1) (1 to 4)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE AND FLAP EMERGENCY SYSTEM								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															
Elect															
Special Tools and Equipment:															
Nil.															
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 Emergency air cylinders.								Replenish with air. (2000 lbf/in2).							
3.2 Undercarriage ground safety locks.) Remove.							
3.3 Ground test connection blanking caps.))							
3.4 Hydraulic servicing trolley.								(i) Connect. (ii) Start.							
SMS/ 34												Continued			

AIRFRAME
SP 130 (2)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

UNDERCARRIAGE AND FLAP EMERGENCY SYSTEM

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. Testing							
4.1	Undercarriage selector.)		Set to 'UP'.			
4.2	Flap selector.)					
4.3	Hydraulic servicing trolley.			Stop.			
4.4	Undercarriage and flap fluid jettison valve vent pipes.			Position suitable receptacle to collect ejected fluid.			
4.5	Undercarriage emergency selector.			Operate.			
4.6	Undercarriage.			Ensure moves smoothly to fully locked down position.			
4.7	Flap emergency selector.			Operate.			
4.8	Flaps.			Ensure move smoothly to fully down position.			
4.9	Undercarriage and flap systems.			Release pressure by opening all bleed screws and removing reservoir filler cap.			
4.10	Undercarriage emergency selector.)					
4.11	Flap emergency selector.)		Reset.			
4.12	Undercarriage selector.)		Set to 'DOWN'.			
4.13	Flap selector.)					

SMS/ 34A

Continued

AIRFRAME
SP 130 (3)

SERVICING PROCEDURES
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Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

UNDERCARRIAGE AND FLAP EMERGENCY SYSTEM

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							
5. <u>Bleeding</u>							
5.1	Undercarriage and flap system.						
5.2	Undercarriage.						
BLOCK 2 AIRFRAME							
6. <u>Completion</u>							
6.1	Emergency air cylinders.						
6.2	Undercarriage indicator green lamps (3 off).						
6.3	Undercarriage ground safety locks.						
6.4	Hydraulic servicing trolley.						
6.5	Ground test connection blanking caps.						
BLOCK 3 ELECTRICAL							
7. <u>Completion</u>							
7.1	External electrical power supply.						

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Continued

AIRFRAME SP 131 (1) (1 to 2)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
ANTI-G SYSTEM								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:															
Dunlop Quick Release Plugs.															
NB: On Mk 7 and 7A Aircraft this Procedure is to be carried out on Pupils and Instructor's seats.															
BLOCK 1 AIRFRAME 1. Preparation 1.1 Anti-G cylinders. Replenish with air. (2000 lbf/in2). 1.2 Seat flexible hose. Connect to quick release connection. 1.3 Dunlop quick release plug.) Connect to seat hose. 1.4 Pressure gauge.)															
BLOCK 2 AIRFRAME 2. Testing 2.1 Selector valve. Set to 'ON'. 2.2 Test button. Depress to obtain suit pressure of 7 lbf/in.2. 2.3 Test button. Release. 2.4 Anti-G valve. Ensure leakage rate does not exceed 100 lbf/in.2 in 45 minutes.															
SMS/ 36								Continued							

AIRFRAME SP 132 (1) (1 to 4)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
CABIN PRESSURIZATION SYSTEM - TEST								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							
<u>Special Tools and Equipment:</u> Hood Seal Inflator, 4F/1812. Connection Adapter for Pressure Gauges, 4F/1810 (2 off). Pressure Gauges, 6A/1582 (2 off).															
BLOCK 1 1. <u>Preparation</u> 1.1 Pitot/Static system.				ELECTRICAL Ensure every item of equipment in a pressurized area served by pitot/static pipelines is connected and where a component has been removed, ensure pipelines are blanked off before pressurization is commenced.											
BLOCK 2 2. <u>Preparation</u> 2.1 Ground test connection. 2.2 Test trolley. 2.3 Cabin pressure test connection. 2.4 Pressure gauge.				AIRFRAME (i) Remove blanking cap. (ii) Fit adapter. Connect. (i) Remove blanking cap. (ii) Fit adapter and hose. Fit.											
SMS/ 37								Continued							

AIRFRAME SP 132 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
CABIN PRESSURIZATION SYSTEM - TEST						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>Preparation</u> (Contd)											
2.5 Hood seal inflation supply connection.											
(i) Remove blanking cap. (ii) Fit hose, gauge and inflator.											
2.6 Foot pump.											
Connect.											
2.7 Static vent.											
(i) Disconnect pipe. (ii) Fit blank.											
2.8 Flying controls.											
Ensure in manual.											
BLOCK 2 ELECTRICAL											
3. <u>Preparation</u>											
3.1 External electrical power supply.											
(i) Connect. (ii) Switch on.											
3.2 Canopy control plug.											
Fit in external socket.											
3.3 Cabin pressure switch.											
Set to 'ON'.											
BLOCK 3 AIRFRAME											
4. <u>Testing</u>											
4.1 Canopy.											
Close using external switch.											
4.2 Canopy seal.											
Maintain pressure of 8 lbf/in2.											
4.3 Seal and extractor valve.											
Ensure not leaking.											
SMS/ 37A										Continued	

AIRFRAME SP 132 (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
CABIN PRESSURIZATION SYSTEM - TEST						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. Testing (Contd) 4.4 Test trolley. (i) Start. (ii) Ensure blow off setting does not exceed 5 lbf/in2. 4.5 Cockpit. (i) Pressurize to 3 1/2 lbf/in2. (ii) Look for leaks. (iii) Ensure leakage rate does not increase when flying control surfaces are moved. 4.6 Test trolley. Stop. 4.7 Cockpit. Check time taken for pressure to drop from 3 1/2 to 1 3/4 lbf/in2 is not less than 30 seconds. 4.8 Static vent. (i) Remove blank. (ii) Connect pipe. 4.9 Hood seal. Ensure pressurized to 8 lbf/in2. 4.10 Foot pump. Disconnect. 4.11 Hood seal. Check time taken for pressure to drop to 6 1/2 lbf/in2 is not less than 5 minutes. 4.12 Canopy. Open.											
SMS/ 32						Continued					

AIRFRAME SP 132 (4)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
CABIN PRESSURIZATION SYSTEM - TEST						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 NCO											
5. <u>Completion</u>											
5.1 Cabin pressure switch. Set to 'OFF'.											
5.2 Canopy control plug. Fit to internal socket.											
5.3 External electrical power supply. (i) Switch off. (ii) Disconnect.											
BLOCK 2 AIRFRAME											
6. <u>Completion</u>											
6.1 Canopy seal inflation supply connection. (i) Remove hose, gauge and inflator. (ii) Fit blanking cap.											
6.2 Cabin pressure test connection. (i) Remove gauge, hose and adapter. (ii) Fit blanking cap.											
6.3 Test trolley. Disconnect.											
6.4 Ground test connection. (i) Remove adapter. (ii) Fit blanking cap.											
SMS/ 38A											

AIRFRAME SP 133 (1) (1 to 3)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
HOOD JETTISON SYSTEM - BLOW TEST NB: This Procedure is applicable only to Mk 7, 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 Wpn AF	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS											
Special Tools and Equipment:															
Wrench Torque Richmond LTC 2 (1C/0205645) Spanner Flare Ring SFN 15/16in (1C/8662)															
BLOCK 1				WEAPONS											
1. Preparation															
1.1 Ejection seats.				Ensure safe for servicing.											
1.2 Hood breech unit.				Ensure disarmed and firing unit removed.											
BLOCK 2				AIRFRAME											
2. Preparation															
2.1 Hood.				Ensure propped open during test.											
2.2 Hood jettison jacks.				Remove black tape from top of pistons.											
2.3 Test union.				Connect to breech unit.											
2.4 Test rig.				Connect to test union.											
2.5 Jettison jacks.				Disconnect gas pipes.											
2.6 Jettison jacks.				Remove elbows.											
SMS/ 39														Continued	

AIRFRAME SP 133 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
HOOD JETTISON SYSTEM - BLOW TEST						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>Preparation</u> (Contd) 2.7 Low pressure air trolley. <ul style="list-style-type: none"> (i) Connect to test rig. (ii) Set control valve to give 90 lbf/in2. 											
BLOCK 2 AIRFRAME 3. <u>Testing</u> 3.1 Test rig. Open release valve to blow through system and expel moisture. 3.2 Elbows. <ul style="list-style-type: none"> (i) Connect to jacks. (ii) Screw fully home. (iii) Slacken not more than one complete turn to facilitate connection of gas pipes. (iv) Tighten lock nut. (v) Lightly lubricate gas pipe connection with grease XG-285. (vi) Connect gas pipe union and torque load to 35 lbf ft (420 lbf in). (vii) Wire lock union with wire 22 SWG. NB: During the following operation a beam of wood is to be placed across the cabin above the jack pistons to prevent excessive piston travel. 3.3 Test rig. Open release valve. 3.4 Jettison jack pistons. Ensure extended.											
SMS/ <u>30A</u>						Continued					

AIRFRAME
SP 133 (3)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
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SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

HOOD JETTISON SYSTEM - BLOW TEST

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						
3.	<u>Testing</u> (Contd)						
3.5	Air pressure.						
	Release.						
3.6	Jettison jack pistons.						
	Return to normal position by finger pressure.						
BLOCK 2	AIRFRAME						
4.	<u>Completion</u>						
4.1	Low pressure trolley.						
4.2	Test rig.						
4.3	Test union.						
) Disconnect.						
4.4	Rail housing holes.						
	Seal with black adhesive tape 1 1/2 in. wide x 3 in. long.						
BLOCK 3	WEAPONS						
5.	<u>Completion</u>						
5.1	Hood breech unit.						
	(i) Rearm.						
	(ii) Fit firing unit.						
5.2	Hood jettison system.						
	Ensure safety pin fitted in sear.						

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AIRFRAME
SP 134 (2)

SERVICING PROCEDURES
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AP101B-1300-5A3B
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SERVICING RECORD

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Aircraft Ser No:
Date:

OXYGEN SYSTEM - FUNCTIONAL TEST

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						
2.	<u>Preparation</u> (Contd)						
2.6	Regulator. Ensure pressure drop does not exceed 25 lbf/in ² in 1 minute.						
BLOCK 2	AIRFRAME						
3.	<u>Test</u>						
3.1	Suction tube. Connect to low pressure tubing.						
3.2	Regulator On/Off valve. Set to 'ON'.						
3.3	Emergency toggle switch. Set to left and right in turn.						
3.4	Suction tube. Ensure flow is distinct in each position.						
3.5	Magnetic indicator. Ensure indicates flow in each position.						
3.6	Emergency toggle switch. (i) Centralize. (ii) Fully depress.						
3.7	Suction tube. Ensure flow is distinct.						
3.8	Magnetic indicator. Ensure indicates flow.						
3.9	Emergency toggle switch. Set to left or right.						
3.10	Suction tube. (i) Close mouthpiece momentarily. (ii) Ensure flow ceases.						

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Continued

AIRFRAME SP 134 (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
OXYGEN SYSTEM - FUNCTIONAL TEST						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>Test</u> (Contd)											
NB: In Sub-item 3.11 if magnetic indicator fails to operate, supply fuse and regulator to aircraft bonding connections are to be checked.											
3.11 Magnetic indicator. Ensure returns to no-flow indications.											
3.12 Emergency toggle switch. Centralize.											
3.13 Suction tube. Close mouthpiece.											
3.14 Emergency toggle switch. Set to left or right.											
NB: In Sub-item 3.15 if pressure drops to zero in less than 1 minute, pipelines, regulator gauge and equipment between regulator and suction tube are to be checked for leaks before rejecting regulator.											
3.15 Regulator On/Off valve. Set to 'OFF'.											
3.16 Suction tube. <ul style="list-style-type: none"> (i) Open mouthpiece and suck gently: after initial effort, resistance to suction is to be distinct. (ii) Still applying suction, move air inlet lever to 'NORMAL'; resistance to suction is to be negligible. 											
3.17 Regulator On/Off valve. Set to 'ON'.											
3.18 Suction tube. Simulate 2 or 3 normal breathing cycles.											
3.19 Magnetic indicator. Ensure indicates in phase with breathing.											
SMS/ 102						Continued					

AIRFRAME SP 135 (1) (1 to 15)						SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE DOOR LOCKS - SETTLING IN 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	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS											
AF				SP14, 129, 414, 417, 433, 436						Code					
Elect															
Special Tools and Equipment:															
Spring Balance, 0 to 50 lbs (1A/9714860 Size No.3). Main Undercarriage Checking Gauges 26FX/95860-1. 5 lb Weight (2 off), Local Manufacture, Fig 1.															
BLOCK 1 AIRFRAME															
1. <u>Preparation</u>															
1.1 Aircraft. Raise on jacks.												✓			
1.2 Undercarriage ground safety locks. Ensure fitted.												✓			
BLOCK 2 ELECTRICAL															
2. <u>Preparation</u>															
2.1 External electrical power supply. (i) Connect. (ii) Switch on.												✓	✓		
BLOCK 3 AIRFRAME															
3. <u>Nose Undercarriage Front Door Locks</u>															
3.1 Door locks. (i) Close. (ii) Ensure lock and latch are fully engaged.												✓	✓		
SMS/ H										Continued					

AIRFRAME SP 135 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE DOOR LOCKS - SETTLING IN 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>Nose Undercarriage</u> <u>Front Door Locks</u> (Contd)											
3.2 Front door. <div style="margin-left: 40px;"> (i) Pull door rearwards from Starboard side until locks open. (ii) Ensure both locks open simultaneously. (iii) After locks have opened ensure that movement still exists past 'just released' position and that operating rod springs are not fully compressed when door is fully aft against geometric lock. </div>											
NB: Sub-items 3.3 to 3.7 inclusive are applicable only if simultaneous operation of door locks cannot be obtained.											
3.3 Starboard lock. Adjust to open as soon as possible after Port lock.											
NB: Sub-item 3.4 is to be carried out in conjunction with Sub-item 3.5.											
3.4 Lock operating rods. Adjust as necessary.											
3.5 Lock latch and lever. Check gap is between 0.09 in. and 0.11 in.											
3.6 Lock operating rods. <div style="margin-left: 40px;"> (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. </div>											
3.7 Lock operating mechanism. Repeat Sub-items 3.1 to 3.3 inclusive.											

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Continued

AIRFRAME SP 135 (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
UNDERCARRIAGE DOOR LOCKS - SETTLING IN 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 4 is applicable only if locks were found out of adjustment in Item 3.											
4. <u>Rectification</u>											
4.1 Door locks. Carry out servicing. (SP 14).											
4.2 Door locks. Adjust as necessary (SP 414).											
4.3 Door lock spigots and operating mechanism. Examine. (SP 414).											
4.4 Door lock micro-switches. Check settings. (SP 414).											
BLOCK 2 AIRFRAME											
5. <u>Main Undercarriage Wheel Door Locks</u>											
5.1 Wheel doors. Carry out 'Back lash' check (SP436).											
5.2 Hydraulic pressure. Release.											
SMS/ 14-14						Continued					

AIRFRAME
SP 135 (4)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

UNDERCARRIAGE DOOR LOCKS - SETTLING IN CHECKS

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							
5. <u>Main Undercarriage Wheel Door Locks (Contd)</u>							
NB: Sub-items 5.3 and 5.15 inclusive are to be carried out with reference to Figs 2, 3 and 4 as necessary.							
5.3 Rear lever of torque shaft.							
(i) Attach spring balance.							
(ii) Apply outboard pull of approximately 50 lb.							
(iii) Reduce pull gradually to approximately 10 lb.							
(iv) Maintain pull of 10 lb.							
5.4 Lever at upper end of jack.							
Ensure in contact with lower stop at point 'Y' by raising door manually to compress jack and letting door fall.							
5.5 Levering Jig.							
Position as shown in Fig 4 with the vertical tension bar extended to its maximum length and attached to the forward landing of the undercarriage wheelbay by means of the mainplane clamp. The clamp for the wheel-door jack body must be positioned so that its horizontal pivot points aft; the horizontal lever then locates on this pivot with its inboard end resting on the adjacent fuselage horizontal member.							

SMS/ HWA

Continued

HUN/5A3B/1.75

AIRFRAME SP 135 (6)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
UNDERCARRIAGE DOOR LOCKS - SETTLING IN 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>Main Undercarriage Wheel</u> <u>Door Locks (Contd)</u>											
NB: During Sub-item 5.10 carefully observe the lock hook for signs of sluggish operation. The release should be a crisp snap action. If it is not as described then reject the lock and carry out item 6 of this servicing procedure.											
5.10 Levering jig. Screw in the 'T' bar tensioner very slowly until the rear lock release its 0.5 lb load. Stop screwing immediately the load drops.											
5.11 Rear lock checking Gauge. Adjust the tappet on the rear lock checking gauge until it just touches the fork end of the rear lock operating rod, taking great care that the tappet does not move the rod. Lock the tappet to register the just release point of the rear lock.											
NB: During Sub-item 5.12 carefully observe the lock hook for signs of sluggish operation. The release should be a crisp snap action. If it is not as described then reject the lock and carry out Item 6 of this servicing procedure.											
5.12 Levering Jig. Continue to screw in the 'T' bar tensioner very slowly until the front lock releases its 0.5 lb load. Again, stop screwing immediately the load drops.											
SMS/ 45A						Continued					

AIRFRAME
SP 135 (7)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

UNDERCARRIAGE DOOR LOCKS - SETTLING IN CHECKS

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						
5. <u>Main Undercarriage Wheel Door Locks</u> (Contd)						
5.13 Front Lock Checking Gauge.						
Adjust the tappet on the front lock checking gauge until it just touches the fork end of the front lock operating rod, taking great care that the tappet does not move the rod. Lock the tappet to register the just released point of the front lock.						
5.14 Levering Jig.						
Screw in the 'T' bar tensioner further until the lever at the upper end of the jack is firmly against the upper stop at point 'X'. Take care not to disturb this setting by moving the wheel door.						
NB: In sub-item 5.15 gap is to be between 'GO and NO GO' tolerance of gauge. Item 6 is only applicable if GAP is found smaller than 'GO' gauge and undercarriage malfunction should be suspected when this condition exists.						
5.15 Fork End and Checking Gauge Tappet.						
Check lock lever travel by inserting slip gauge.						
5.16 Checking Gauges.						
Remove.						
5.17 Levering jig.						
Remove.						
5.18 Rear Lever of torque Shaft.						
(i) Release pull of 10 lb.						
(ii) Remove spring balance.						

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Continued

AIRFRAME SP 135 (8)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
UNDERCARRIAGE DOOR LOCKS - SETTLING IN 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 locks were found out of adjustment in Item 5. 6. <u>Rectification</u> 6.1 Front and rear wheel door locks. Carry out Servicing. (SP 417). 6.2 Undercarriage components. Check. (SP 433). 6.3 Operating mechanism. Examine and particularly for signs of strain. 6.4 Wheel door and spigots. Examine. (SM 414). 6.5 Front and rear wheel door locks. Adjust as necessary. (SP 414). 6.6 Door lock micro-switch. Check. (SP 414).											
BLOCK 2 AIRFRAME 7. <u>Main Undercarriage Leg Fairing Locks</u> 7.1 Wheel door. Move outboard (UP) manually, sufficient to compress door jack and hold in this position. 7.2 Teleflex sliding end and lever. Push in to compress spring and hold in this position.											
SMS/ 46A						Continued					

AIRFRAME SP 135 (9)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE DOOR LOCKS - SETTLING IN 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									
7. <u>Main Undercarriage Leg Fairing Locks</u> (Contd)									
7.3 Leg fairing lock. Close and suspend 5 lb weight from lock hook.									
7.4 Teleflex sliding end. Release hold.									
7.5 Wheel door. (i) Move inboard (Down) slowly by hand. (ii) Ensure leg fairing lock opens just before door reaches full limit of travel.									
BLOCK 2 AIRFRAME									
NB: Item 8 is applicable only if Item 7 cannot be satisfied.									
8. <u>Rectification</u>									
8.1 Leg fairing lock. Carry out servicing. (SP 417).									
8.2 Undercarriage components. Check. (SP 433).									
8.3 Lock spigot. Ensure located in lock correctly when undercarriage is in the 'UP' position.									
8.4 Teleflex control. Examine and particularly for signs of strain.									

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Continued

AIRFRAME SP 135 (10)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
UNDERCARRIAGE DOOR LOCKS - SETTLING IN 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									
8. <u>Rectification</u> (Contd)									
8.5 Leg fairing lock. Adjust as necessary (SP 414).									
8.6 Undercarriage operation. Check. (SP 414).									
BLOCK 2 AIRFRAME									
9. <u>Main Undercarriage Wheel Door Locks</u>									
9.1 Rear Lock operating rods. Ensure locknuts are tight.									
BLOCK 3 AIRFRAME									
10. <u>Undercarriage Operating System</u>									
10.1 System. Test. (SP 129).									
BLOCK 4 ELECTRICAL									
11. <u>Completion</u>									
11.1 External electrical power supply. (i) Switch off. (ii) Disconnect.									

SMS/ H/A.

Continued

UNDERCARRIAGE DOOR LOCKS - SETTLING IN CHECKS

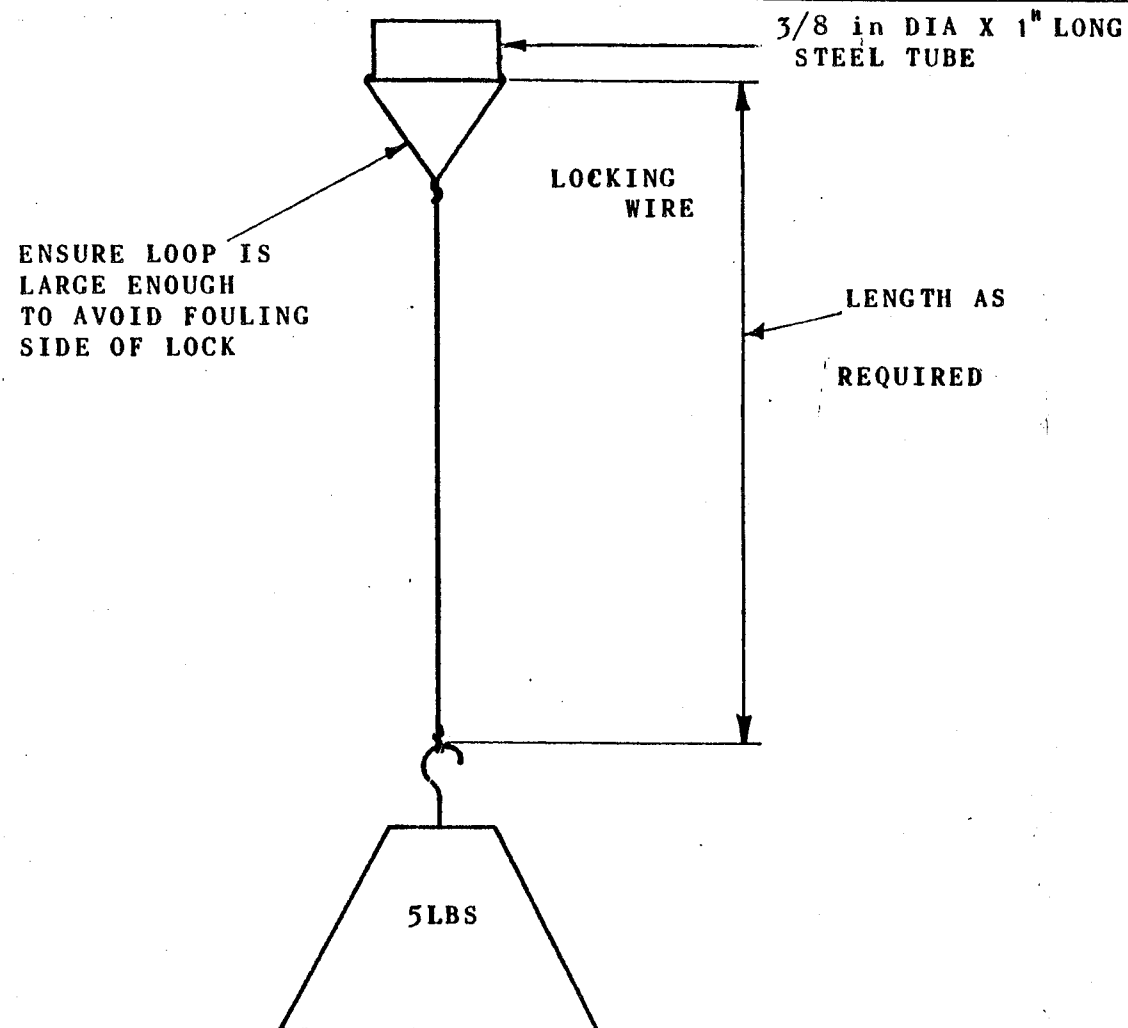


FIG 1

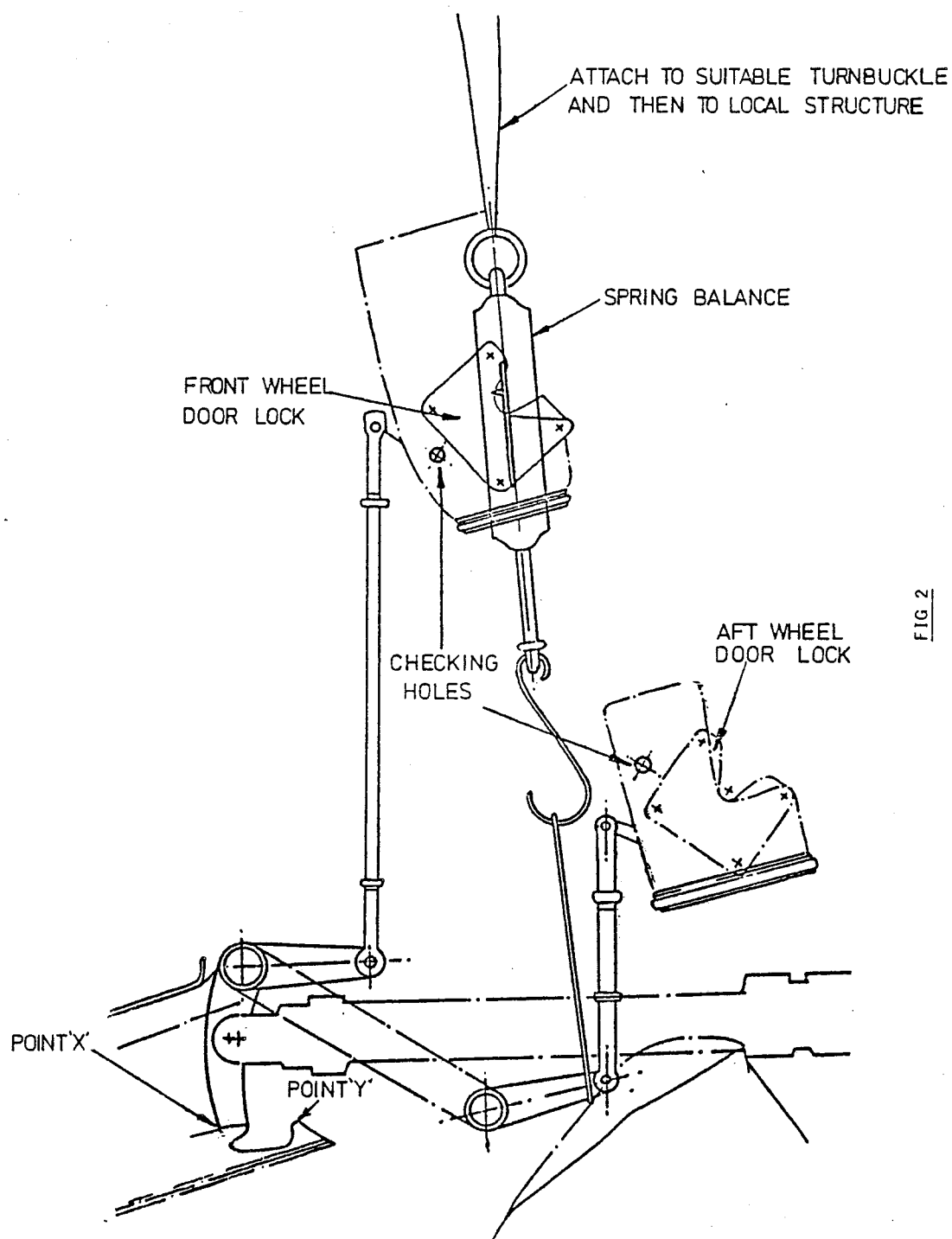


FIG 2

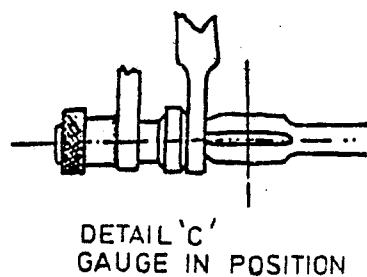
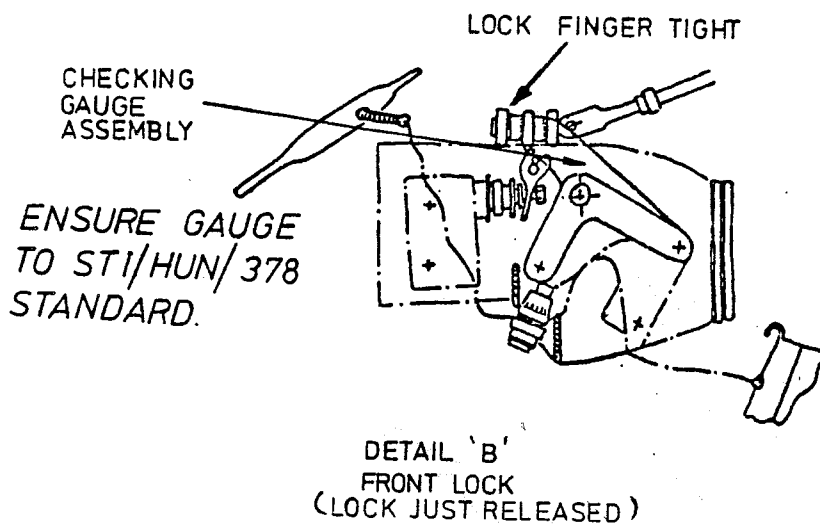
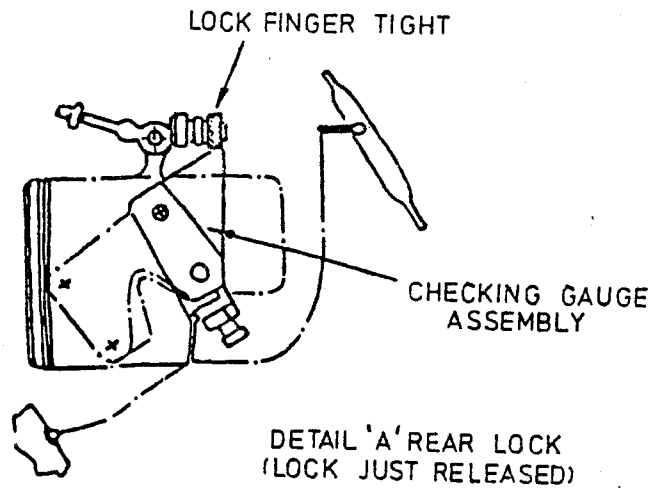


FIG 3

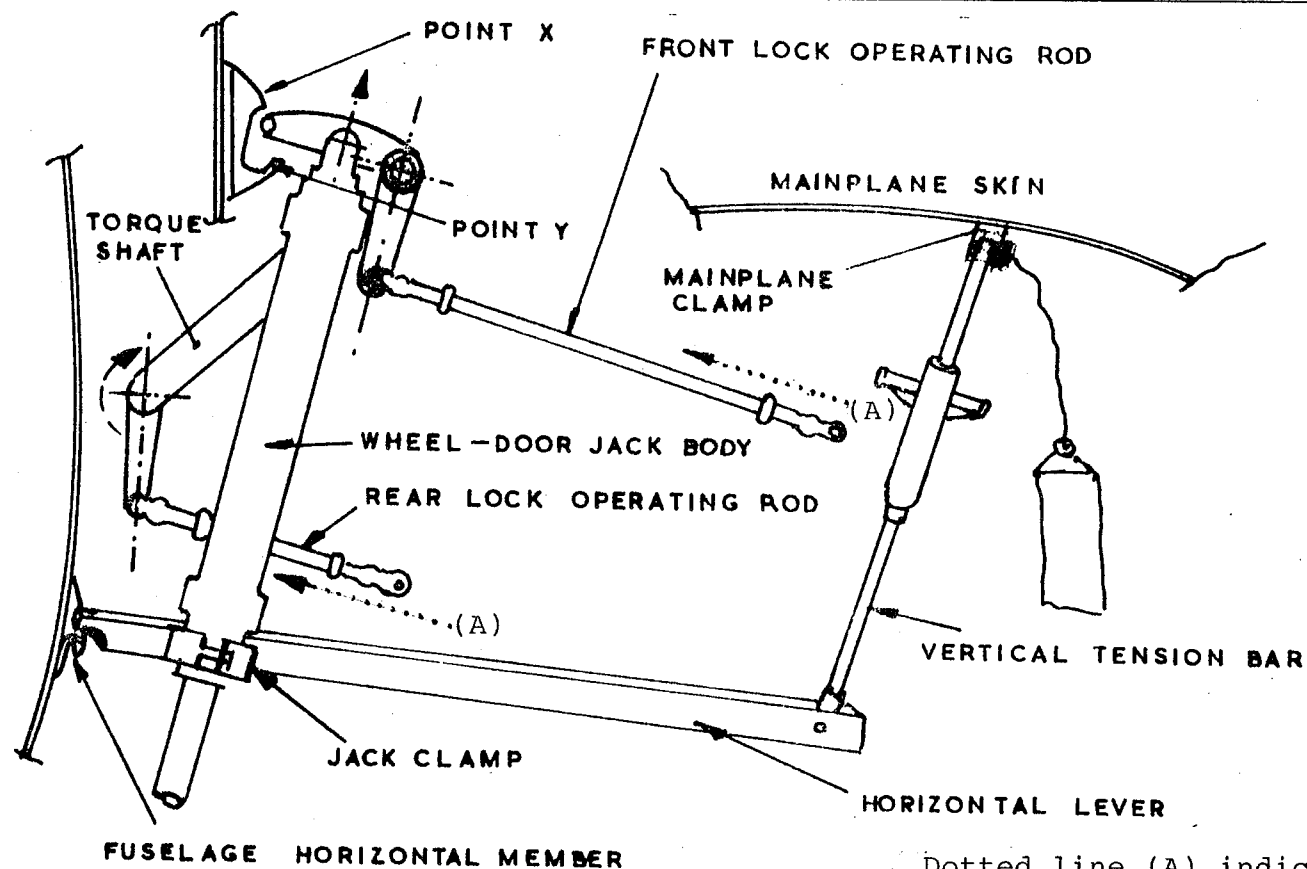
Continued

HUN/5A3B/1.84

SMS 53D

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UNDERCARRIAGE DOOR LOCKS - SETTLING IN CHECKS



Dotted line (A) indicates motion
when tension bar tightened.

VIEW IN PORT UNDERCARRIAGE LOOKING AFT
POSITIONING OF LEVERING JIG FOR UNDERCARRIAGE
DOOR JACK

FIG 4

AIRFRAME SP 136 (1) (1 to 3)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
CANOPY OPERATING SYSTEM - TESTING NB: This Procedure is applicable only to Mk 7, 7A and 8B aircraft.										TRADES MAN		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 Canopy locking inspection hole plugs. (Port and Starboard longerons). Remove. 1.2 Hydraulic servicing trolley. (i) Connect. (ii) Start.															
BLOCK 2 AIRFRAME 2. <u>Testing</u> NB: Sub-items 2.1 to 2.11 inclusive are to be repeated 4 times. After a lapse of 10 minutes Sub-items 2.1 to 2.18 inclusive are to be repeated 4 times using canopy external control switch in place of internal control switch. 2.1 Battery master switch. Set to 'OFF'. 2.2 Canopy internal control switch. Set to 'CLOSE'. 2.3 Warning horn. Ensure operates immediately.															
SMS/ 53										Continued					

AIRFRAME SP 136 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
CANOPY OPERATING SYSTEM - TESTING						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>Testing</u> (Contd)											
2.4 Canopy.											
(i) Ensure starts to close after delay of 3 to 6 seconds.											
(ii) Ensure closes smoothly within 4 to 6 seconds.											
2.5 Warning horn.											
Ensure operates continually until canopy is closed.											
2.6 Canopy fairing doors.											
2.7 Canopy locks.											
) Ensure operate correctly.											
2.8 Battery master switch.											
Set to 'ON'.											
2.9 Undercarriage.											
Ensure locked down.											
2.10 Canopy indicator.											
Ensure lit.											
2.11 Canopy override switch.											
Hold in 'OPEN' position.											
2.12 Canopy internal control switch.											
Set to 'OPEN'.											
2.13 Canopy.											
Ensure opens.											
2.14 Canopy internal control switch.											
Set to 'CLOSE'.											
2.15 Canopy.											
Ensure closes.											
2.16 Canopy internal control switch.											
Set to 'OPEN'.											
SMS/ 53A						Continued					

RUN/5A38/1.88

AIRFRAME SP 137 (1) (1 to 3)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
HOOD JETTISON SYSTEM TESTING NB: This Procedure is applicable only to Mk 7, 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	3		MAN HRS 4	INITS & TDM 5
TRADE AF Wpn	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 51B, 52B, 449				Code							
Special Tools and Equipment: Nil.															
BLOCK 1 WEAPONS 1. <u>Preparation</u> 1.1 Ejection seats. Disarm. (SP 51). 1.2 Firing unit. Unload.															
BLOCK 2 AIRFRAME 2. <u>Preparation</u> 2.1 Spring release unit. Ensure loaded correctly. 2.2 Firing unit pip pin. Remove. 2.3 Solenoid valve. Operate, to close and lock canopy.															
BLOCK 3 AIRFRAME 3. <u>Testing</u> 3.1 Centre console jettison handle. (i) Attach spring balance. (ii) Check load required to operate handle does not exceed 50 lb. (iii) Remove spring balance.															
SMS/ 55				Continued											

AIRFRAME SP 137 (2)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)		
HOOD JETTISON SYSTEM TESTING				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>Testing</u> (Contd)										
3.2 Jettison mechanism release unit.										
3.3 Hood locks.										
3.4 Spring release unit handle.										
3.5 Hood locks.										
3.6 Mechanism.										
BLOCK 2 AIRFRAME										
4. <u>Completion</u>										
4.1 Firing unit pip pin.										
4.2 Hood.										
4.3 Latch rollers.										

SMS/ 55A

Continued

AIRFRAME
SP 137 (3)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 1

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

HOOD JETTISON SYSTEM TESTING

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	INITS
HRS	& TDM
4	5

BLOCK 1

WEAPONS

5. Completion

5.1 Firing unit.

Load.

5.2 Ejection seats.

Rearm.
(SP 52).

SMS/ 56

SMS 53B

HUN/5A3B/1.91

AIRFRAME SP 138 (1) (1 to 2)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
OXYGEN SYSTEM - FLOW TEST										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 Metering tube.				(i) Connect to low pressure flexible tubing. (ii) Connect to MK5A flow tester.											
BLOCK 2				AIRFRAME											
NB:				During Item 2 regulator pressure gauge indication is not to drop by more than 100 lbf/in ² .											
2. Operation															
2.1 Emergency toggle switch.				(i) Press. (ii) Check flow tester indication is not less than calibrated value of flow tester. (iii) Set to left and right in turn. (iv) Check flow tester indication is not less than 2 litres/minute. (v) Ensure blinkers indicate flow. (vi) Set central.											
SMS/ 57										Continued					

AIRFRAME SP 139 (1) (1 to 2)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS				AP101B-1300-5A3B Sect 2 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
GUN BAY FORWARD ACCESS PANELS - 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	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS					Code						
Special Tools and Equipment:															
Nil.															
BLOCK 1 AIRFRAME															
1. Preparation															
1.1 Panels 26FX/9629 and 26FX/9628.															
1.2 Fastener body, 26FX/9474. (Panel 26FX/9629).															
1.3 Fastener body connecting stud. (Drilled for split pin).															
BLOCK 2 AIRFRAME															
2. Checking															
2.1 Fastener body connecting stud.															
(i) Clean.															
(ii) Check for cracking particularly at waist between thread and body using dye penetrant.															
(iii) Remove dye penetrant.															
(iv) Lubricate threads. (Grease, ZX38).															

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Continued

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