

WEAPONS

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKSAP101B-1300-5A3B
Sect 2
Chap 2

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WEAPONS SP 171B (1) (1 to 6)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
INDEPENDENT CHECKS AFTER FITTING EJECTION SEATS TYPE 4HA MK 1 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	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS	Code					
Special Tools and Equipment: Nil.										
BLOCK 1 WEAPONS NCO										
1. <u>General</u>										
1.1 Safety pins. Ensure fitted in 'Safe for Servicing' positions.										
BLOCK 2 WEAPONS NCO										
2. <u>Top Latch</u>										
2.1 Top latch plunger. Ensure latch and indicating plungers are flush with each other and flush with or slightly below end of plunger housing.										
BLOCK 3 WEAPONS NCO										
3. <u>Firing Controls</u>										
3.1 Seat pan firing cable. Ensure looped over Red fork of face screen firing cable.										
3.2 Face screen firing cable Red fork. Ensure connected to ejection gun firing unit sear.										
3.3 Face screen firing cable long leg. Ensure connected to quadrant lever.										
SMS/ 60								Continued		

WEAPONS SP 171B (2)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)			
			Aircraft Ser No: Date:					
INDEPENDENT CHECKS AFTER FITTING EJECTION SEATS TYPE 4HA MK 1			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 NCO						
3. <u>Firing Controls</u> (Contd)								
3.4 Canopy jettison firing unit.		Ensure secure at sear end and to lower torque rod.						
3.5 Hood jettison release unit.		(i) Ensure top coupling is slightly above the lever group. (ii) Ensure H nut is flush with other face of release lever. (iii) Ensure release lever is positioned fully to the rear and under the safety guard.						
3.6 Stop tool.		Ensure removed.						
BLOCK 2		WEAPONS NCO						
4. <u>Drogue Container</u>								
4.1 Flaps and securing pin.		Ensure assembled correctly.						
4.2 No.8 cord tie.		Ensure intact.						
4.3 Parachute restraint straps (long and short)		(i) Ensure routed correctly.						
4.4 Face screen firing handle nylon tape.		(ii) Ensure secure.						
SMS/ 60A		Continued						

WEAPONS SP 171B (3)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD			RAF Form 2988B (Revised Jan 85)		
			Aircraft Ser No: Date:					
INDEPENDENT CHECKS AFTER FITTING EJECTION SEATS TYPE 4HA MK 1			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 NCO								
5. <u>Drogue Gun</u>								
5.1 Gun.	Examine.							
5.2 Drogue withdrawal lines.	Ensure routed over all other lines and secured to drogue gun piston.							
5.3 Static rod.	Ensure attached to sear and anchorage bracket.							
5.4 Piston.	Ensure correctly secured to barrel by a pin special 27L/3609.							
BLOCK 2 WEAPONS NCO								
6. <u>Guillotine</u>								
6.1 Parachute withdrawal line.	(i) Ensure routed over parachute container and through jaws of guillotine. (ii) Ensure connected to drogue link line. (iii) Ensure connection is made OUTSIDE parachute restraint straps.							
6.2 Static line.	Ensure connected to guillotine firing unit sear.							
SMS/ 61		Continued						

WEAPONS SP 171B (4)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD			RAF Form 2988B (Revised Jan 85)		
			Aircraft Ser No: Date:		TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable	
INDEPENDENT CHECKS AFTER FITTING EJECTION SEATS TYPE 4HA MK 1			Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD								
BLOCK 1		WEAPONS NCO						
7. <u>Seat Pan</u>								
7.1 Manual separation handle.		Ensure in fully locked position.						
7.2 Safety pin.		Ensure secure at firing handle to its housing.						
7.3 Seat adjusting mechanism.		(i) Operate. (ii) Leave in highest position.						
7.4 Low pressure oxygen hose.) (i) Ensure not under tension with seat pan in highest position.						
7.5 Anti 'G' hose.) (ii) Ensure connected correctly.						
7.6 Mic/tel lead.)						
BLOCK 2		WEAPONS NCO						
8. <u>Leg Restraint System</u>								
8.1 Snubbing units.		(i) Examine. (ii) Operate.						
8.2 Manual release.		Operate.						
8.3 Cords.		Ensure secure to anchorage brackets.						
8.4 'Go-forward' system.		Operate.						
SMS/ 61A								
								Continued

WEAPONS SP 171B (5)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)			
			Aircraft Ser No: Date:		TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable	
INDEPENDENT CHECKS AFTER FITTING EJECTION SEATS TYPE 4HA MK 1			Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD								
BLOCK 1 WEAPONS NCO								
9. <u>Emergency Oxygen System</u>								
9.1 Complete system.	Ensure secure.							
9.2 Tell-tale wire.	Ensure intact.							
9.3 Transit pin.	Ensure removed.							
9.4 Emergency oxygen operating cable.	Ensure connected to operating lever.							
BLOCK 2 WEAPONS NCO								
10. <u>Safety Equipment</u>								
10.1 Equipment complete.	Ensure fitted correctly.							
10.2 Safety harness.	Ensure secure.							
10.3 Straps.	Ensure not tangled.							
10.4 Survival pack and quick release fittings.	(i) Ensure attached correctly to parachute pack. (ii) Ensure routed outboard to thigh straps.							
SMS/ 62.							Continued	

WEAPONS SP 171B (6)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
INDEPENDENT CHECKS AFTER FITTING EJECTION SEATS TYPE 4IIA MK 1						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
						Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD											
BLOCK 1		WEAPONS NCO									
11. <u>Barostatic Time</u> <u>Release Unit</u>		Ensure secure.									
11.1 Unit.		Ensure secure.									
11.2 Static rod.		Ensure connected to firing pin and bracket.									
11.3 Aircraft documentation.		Endorse as follows: "Certified Independent Checks satisfactorily completed".									
SMS/ 62A											

SMS/ 62A

SMS 53E

HUN/5A3B/1.102

WEAPONS SP 172B (1) (1 to 7)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
FIRING CABLE PULL-OFF TESTS (TYPE 4HA MK 1 EJECTION SEATS)		NB: This Procedure is applicable only to Mk 7, 7A and 8B Aircraft.			TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable	
		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
TRADE Wpn AF	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 449	Code			INITS & TDM 5
Special Tools and Equipment: Canopy Release Unit Stop Tool. (LM).								
NB1: During this Procedure care is to be taken to ensure sears do not become loose articles.								
NB2: Hood jettison mechanism is not to be operated with the hood unlocked.								
BLOCK 1 AIRFRAME								
1. <u>Preparation</u>								
1.1 Hood. (i) Open. (ii) Ensure remains open during tests.								
BLOCK 2 WEAPONS NCO								
2. <u>Preparation</u>								
2.1 Primary cartridges. 2.2 Drogue cartridges. 2.3 Hood cartridges.) Ensure not fitted.								
2.4 Hood release unit stop tool. (i) Fit between lower casing and sleeve of hood release unit. (ii) Secure with pin.								
SMS/ 63		Continued						

WEAPONS SP 172B (2)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)		
			Aircraft Ser No: Date:				
FIRING CABLE PULL-OFF TESTS (TYPE 4HA MK 1 EJECTION SEATS)			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	MAN HRS 4	INITS & TDM 5
BLOCK 1	WEAPONS NCO						
3. <u>Firing Controls Connecting</u>							
3.1 Seat pan firing cable.	Ensure looped over Red fork of face screen firing cable.						
3.2 Face screen firing cables.	Ensure routed under scissor shackle and over lifting lines.						
3.3 Face screen firing cable Red fork.	Connect to firing unit sear.						
3.4 Quadrant lever. (a) Terry pins. (b) Nuts. (c) Washers. (d) Bolts.) Remove.))						
3.5 Torque shaft.	Restrain.						
3.6 Safety pin.	Remove from Port quadrant lever.						
3.7 Quadrant levers.	Rotate independently.						
3.8 Face screen firing cable long leg.	Connect.						
3.9 Quadrant lever. (a) Terry pins. (b) Washers. (c) Bolts. (d) Nuts.) Refit.))						
SMS/ 63A			Continued				

WEAPONS SP 172B (3)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)				
FIRING CABLE PULL-OFF TESTS (TYPE 4HA MK 1 EJECTION SEATS)			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 NCO							
4. <u>Testing</u>									
4.1 Scissors shackle.		(i) Rotate fully forward. (ii) Secure with tie of No.8 thread.							
4.2 Breech time delay firing unit safety pin.) Remove.							
4.3 Seat pin firing handle safety pin.)							
4.4 Spring balance. (0-100 lb).		(i) Attach to seat pan firing handle. (ii) Pull upwards in direct line of firing cable. (iii) Note reading obtained during Operation (ii). (iv) Repeat Operations (i) to (iii) inclusive twice. (v) Ensure average weight of three pulls to operate the system does not exceed 65 lbs. (vi) Remove.							
4.5 Seat pan firing handle cable.		Pull excess cable through from headrest end.							
4.6 Seat pan firing handle.		(i) Refit. (ii) Secure with safety pin.							
4.7 Ejection gun firing unit.		(i) Recock. (ii) Refit sear.							
SMS/ L4.									

Continued

WEAPONS SP 172B (4)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD			RAF Form 2988B (Revised Jan 85)		
			Aircraft Ser No: Date:			TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable
FIRING CABLE PULL-OFF TESTS (TYPE 4HA MK 1 EJECTION SEATS)			Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD								
BLOCK 1	WEAPONS NCO							
5. <u>Firing Controls Connecting</u>								
5.1 Firing controls.	Repeat Item 3.							
BLOCK 2	AIRFRAME							
6. <u>General</u>								
6.1 Hood jettison release unit.	Reset. (SP 449).							
BLOCK 3	WEAPONS NCO							
7. <u>Testing</u>								
NB: Sub-items 7.1 to 7.3 inclusive are applicable only for final test on No.2 seat.								
7.1 Spring balance (0-100 lb).	(i) Attach to face screen firing handle. (ii) Pull outwards in direct line of firing cable. (iii) Note readings to remove handle from housing and to finally operate system. (iv) Repeat Operations (i) to (iii).							
7.2 Hood release unit stop tool.	Remove.							
7.3 Hood jettison firing unit sear operating rod.	(i) Ensure secure to lower torque shaft. (ii) Secure with quick release pin.							
SMS/ 64-N								Continued

WEAPONS SP 172B (5)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)			
			Aircraft Ser No: Date:					
FIRING CABLE PULL-OFF TESTS (TYPE 4HA MK 1 EJECTION SEATS)			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 NCO						
7. <u>Testing</u> (Contd)								
7.4 Hood jettison firing unit safety pin.		Remove.						
BLOCK 2		AIRFRAME						
8. <u>General</u>								
8.1 Hydraulic servicing trolley.		(i) Connect. (ii) Start.						
8.2 Battery master switch.		Ensure switched off.						
8.3 External power supply.		(i) Connect. (ii) Start.						
8.4 Hood.		(i) Close. (ii) Ensure locked.						
SMS/ (,5								

Continued

WEAPONS SP 172B (6)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)			
			Aircraft Ser No: Date:					
FIRING CABLE PULL-OFF TESTS (TYPE 4HA MK 1 EJECTION SEATS)			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 NCO WEAPONS								
9. <u>Testing</u>								
NB: Hood must be in the fully closed and locked position when carrying out sub-item 9.1 in conjunction with sub-item 7.1 to 7.3 inclusive.								
9.1 Spring balance. (i) Repeat Operations (i) to (iii) of Sub-item 7.1 inclusive. (ii) Ensure average reading obtained in Operation (iii) Sub-item 7.1 does not exceed 55 lb and is not less than 25 lb to remove the handle from housing for seats Pre Mod 2890 and does not exceed 70 lb and is not less than 40 lb for seats Post Mod 2890. To finally operate the system does not exceed 65 lb.								
BLOCK 2 AIRFRAME								
10. <u>Completion</u>								
10.1 Hood jettison spring spring release unit. Reset.								
10.2 Hood. Raise end lock.								
SMS/ <i>65A</i>							Continued	

WEAPONS SP 172B (7)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)			
			Aircraft Ser No: Date:					
FIRING CABLE PULL-OFF TESTS (TYPE 4HA MK 1 EJECTION SEATS)			TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable			
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 NCO						
11. <u>Completion</u>								
11.1 Face screen.		Rearm.						
11.2 Breech time delay firing unit.) (i) Recock.)						
11.3 Hood jettison firing unit.) (ii) Refit sear.)						
11.4 Hood jettison firing unit operating rod.		(iii) Refit safety pins.) Remove from sear.						
SMS/ 66								

WEAPONS SP 175A (1) (1 to 5)				SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101R-1300-5A3B Sect 2 Chap 2	SERVICING RECORD Aircraft Ser No: Date:			RAF Form 2988B (Revised Jan 85)			
DROP TANK JETTISON SYSTEM TEST (INBOARD) - POST SEM 045								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 Wpns Elect	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS		Code							
Special Tools and Equipment: 10 lb Weight (Qty 2) Cocking Test Set 5G/5211277													
BLOCK 1 WEAPONS													
1. Preparation													
1.1 Master armament safety break. (MASB). Ensure disconnected.													
1.2 Outboard pylon safety break. (Port and Starboard). Ensure disconnected.													
1.3 Inboard and outboard pylons. (Port and Starboard). Remove stores.													
1.4 Inboard pylon NORMAL/PRACTICE switch (Port and Starboard). (i) Set to 'NORMAL'. (ii) Wire lock.													
1.5 Inboard pylon release unit. (Port and Starboard). (i) Load with 10 lb weight. (ii) Carry out cocking test.													
1.6 MASB. Connect.													
SMS/ 67												Continued	

WEAPONS SP 175A (2)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD			RAF Form 2988B (Revised Jan 85)			
			Aircraft Ser No: Date:			TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable	
DROP TANK JETTISON SYSTEM TEST (INBOARD) - POST SEM 045			Code	MAN HRS 1	INITS & TDM 2			MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD									
BLOCK 1	ELECTRICAL								
2. <u>Preparation</u>									
2.1 External power supply.	(i) Connect. (ii) Switch on.								
BLOCK 2	WEAPONS								
3. <u>Preparation</u>									
3.1 Butt test key.	Fit.								
3.2 BOMB/RP master switch.	Set to 'BOMB'.								
3.3 Fuzing selector switch.	Set to 'OFF'.								
NB: Sub-items 3.4 to 3.8 inclusive are applicable to Port control column.									
3.4 Bomb release safety cover.	Raise.								
3.5 Bomb release button.	Press and hold.								
3.6 Pylon release unit.	Ensure does not operate.								
3.7 Bomb release button.	Release.								
3.8 Bomb release safety cover.	Lower.								
NB: Repeat Sub-items 3.4 to 3.8 inclusive for Starboard control column.									
3.9 Butt test key.	Remove.								
3.10 BOMB/RP master switch.	Set to 'OFF'.								
3.11 MASB.	Disconnect.								
SMS/ 67A							Continued		

WEAPONS SP 175A (3)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)			
			Aircraft Ser No: Date:		TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable 3	
DROP TANK JETTISON SYSTEM TEST (INBOARD) - POST SEM 045			Code	MAN HRS 1	INITS & TDM 2		MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD								
BLOCK 1		ELECTRICAL						
4. <u>Preparation</u>								
4.1 External power.		Switch off.						
BLOCK 2		WEAPONS						
5. <u>Preparation</u>								
5.1 Armament JB 1. (a) Terminal 41. (b) Terminal 21.		(i) Disconnect leads. (ii) Insulate.						
5.2 MASB.		Reconnect.						
BLOCK 3		ELECTRICAL						
6. <u>Preparation</u>								
6.1 External power supply.		Switch on.						
BLOCK 4		WEAPONS						
7. <u>Test</u>								
7.1 Inboard jettison switch.		Press and hold.						
7.2 Pylon release unit. (Port and Starboard).		Ensure 10 lb weight released.						
7.3 Inboard jettison switch.		Release.						
7.4 MASB.		Disconnect.						
SMS/ 68							Continued	

WEAPONS SP 175A (4)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD		RAF Form 2988B (Revised Jan 85)		
			Aircraft Ser No: Date:		TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable
DROP TANK JETTISON SYSTEM TEST (INBOARD) - POST SEM 045			Code	MAN HRS 1	INITS & TDM 2	MAN HRS 3	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD							
BLOCK 1 ELECTRICAL							
8. <u>Preparation</u>							
8.1 External power supply. Switch off.							
BLOCK 2 WEAPONS							
9. <u>Preparation</u>							
9.1 Armament JB 1. (a) Terminal 41.) Reconnect leads disconnected at (b) Terminal 21.) Sub-item 5.1							
9.2 Armament JB 1, terminal 45. (i) Disconnect leads. (ii) Insulate.							
9.3 Pylon release unit. (Port and Starboard). (i) Load with 10 lb weight. (ii) Carry out cocking test.							
9.4 MASB. Re-connect.							
BLOCK 3 ELECTRICAL							
10. <u>Preparation</u>							
10.1 External power supply. Switch on.							
BLOCK 4 WEAPONS							
11. <u>Test</u>							
11.1 Fuzing selector. Set to 'NOSE/TAIL'.							
11.2 Jettison switch. Press and hold.							
SMS/ 68A							Continued

WEAPONS SP 175A (5)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD				RAF Form 2988B (Revised Jan 85)	
			Aircraft Ser No: Date:					
DROP TANK JETTISON SYSTEM TEST (INBOARD) - POST SEM 045			TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
			Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD								
BLOCK 1 WEAPONS								
11. <u>Test</u> (Contd)								
11.3 Pylon release unit. (Port and Starboard).			Ensure 10 lb weight released.					
11.4 Jettison switch.			Release.					
11.5 Fuzing selector switch.			Set to 'OFF'.					
BLOCK 2 ELECTRICAL								
12. <u>Completion</u>								
12.1 External power supply.			(i) Switch off. (ii) Disconnect.					
BLOCK 3 WEAPONS								
13. <u>Completion</u>								
13.1 MASB.			Disconnect.					
13.2 Armament JB 1, terminal 45.			Reconnect leads disconnected at Sub-item 9.2					
13.3 Pylon release units. (Port and Starboard).			(i) Re-cock. (ii) Carry out cocking test.					
SMS/ <u>69</u>								

WEAPONS SP 175B (1) (1 to 4)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
DROP TANK JETTISON SYSTEM TEST (OUTBOARD) - POST SEM 045					TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable	
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
TRADE Wpns Elect	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS	Code			INITS & TDM 5
Special Tools and Equipment:								
10 lb Weight (Qty 2) Cocking Test Set 5G/5211277								
BLOCK 1 WEAPONS								
<p>1. <u>Preparation</u></p> <p>1.1 Master armament safety break. (MASB).</p> <p>1.2 Outboard pylon safety break. (Port and Starboard).</p> <p>1.3 Inboard and outboard pylons. (Port and Starboard).</p> <p>1.4 Outboard pylon TB 1, Terminal 14. (Port and Starboard).</p> <p>1.5 Outboard pylon release unit. (Port and Starboard).</p>								
<p>1.1 Ensure disconnected.</p> <p>1.2 Ensure disconnected.</p> <p>1.3 Ensure stores removed.</p> <p>1.4 (i) Disconnect leads. (ii) Insulate.</p> <p>1.5 (i) Load with 10 lb weights. (ii) Carry out cocking test.</p>								
SMS/ 70							Continued	

WEAPONS SP 175B (2)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD RAF Form 2988B (Revised Jan 85)				
DROP TANK JETTISON SYSTEM TEST (OUTBOARD) - POST SEM 045				TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				Code	MAN HRS 1	INITS & TDM 2	3
BLOCK 1 WEAPONS							
1. <u>Preparation</u> (Contd)							
1.6 Outboard pylon safety break. (Port and Starboard).	Connect.						
1.7 MASB.	Connect.						
BLOCK 2 ELECTRICAL							
2. <u>Preparation</u>							
2.1 External power supply.	(i) Connect. (ii) Switch on.						
BLOCK 3 WEAPONS							
3. <u>Test</u>							
3.1 Outboard jettison.	Press and hold.						
3.2 Release units. (Port and Starboard).	Ensure 10 lb weight released.						
3.3 Outboard jettison switch.	Release.						
3.4 MASB.	Disconnect.						
BLOCK 4 ELECTRICAL							
4. <u>Preparation</u>							
4.1 External power supply.	Switch off.						
SMS/ 70A		Continued					

WEAPONS SP 175B (3)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 2	SERVICING RECORD			RAF Form 2988B (Revised Jan 85)		
			Aircraft Ser No: Date:		TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable	
DROP TANK JETTISON SYSTEM TEST (OUTBOARD) - POST SEM 045			Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD								
BLOCK 1 WEAPONS								
5. <u>Preparation</u>								
5.1 Outboard pylon TB 1, Terminal 14. (Port and Starboard).	Reconnect leads disconnected at Sub-item 1.4.							
5.2 Outboard pylon TB 1, Terminal 11. (Port and Starboard).	(i) Disconnect leads. (ii) Insulate.							
BLOCK 2 WEAPONS								
6. <u>Preparation</u>								
6.1 Outboard pylon release units. (Port and Starboard).	(i) Load with 10 lb weights. (ii) Carry out cocking test.							
6.2 Outboard pylon safety breaks. (Port and Starboard).	Connect.							
6.3 MASB.	Connect.							
BLOCK 3 ELECTRICAL								
7. <u>Preparation</u>								
7.1 External power supply.	Switch on.							
SMS/ 71		Continued						

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