

WEAPONS

SERVICING PROCEDURES

AP101B-1300-5A3A

COMPONENT REPLACEMENTS

Sect 1

HUNTER ALL MARKS

Chap 2

AMENDED TO INCLUDE MK 9

List of Contents

SP No

Ejection Seat and Cartridges - Removal Mk 6, 6A and 9 Aircraft	51A
Ejection Seat and Cartridges - Removal Mk 7, 7A and 8B Aircraft	51B
Ejection Seat and Cartridges - Fitting Mk 6, 6A and 9 Aircraft	52A
Ejection Seat and Cartridges - Fitting Mk 7, 7A and 8B Aircraft	52B
Safety Equipment - Removal Mk 6, 6A and 9 Aircraft	53A
Safety Equipment - Removal Mk 7, 7A and 8B Aircraft	53B
Safety Equipment - Fitting Mk 6, 6A and 9 Aircraft	54A
Safety Equipment - Fitting Mk 7, 7A and 8B Aircraft	54B
Ejector Release Unit - Removal	55
Ejector Release Unit - Fitting	56
Ejector Release Unit Cartridge - Removal	57
Ejector Release Unit Cartridge - Fitting	58
Electromagnetic Release Unit - Removal Mk 7, 7A and 8B Aircraft	59
Electromagnetic Release Unit - Fitting Mk 7, 7A and 8B Aircraft	60
Ejection Seat Type 4HA - Hinging Forward Mk 7, 7A and 8B Aircraft	61
Ejection Seat Type 4HA - Repositioning after Hinging Forward Mk 7, 7A and 8B Aircraft	62
Aden Gun and Ammunition Tank - Removal Mk 7	63
Aden Gun and Ammunition Tank - Fitting Mk 7	64
Ejection Seat Harness Restraint Apron - Fitting	65
Ejection Seat Harness Restraint Apron - Removal	66

WEAPONS

SERVICING PROCEDURES

AP101B-1300-5A3A

COMPONENT REPLACEMENTS

Sec 1

HUNTER ALL MARKS

Chap 2

AMENDED TO INCLUDE MK 9

List of Contents

SP No

100 Gallon Fuel Tank - Loading to Type 'A' Pylon	67A
100 Gallon Fuel Tank - Loading to Type 'B' Pylon	67B
100 Gallon Fuel Tank - Off-Loading from Type 'A' Pylon	68A
100 Gallon Fuel Tank - Off-Loading from Type 'B' Pylon	68B
Emergency Oxygen Bottle - Removal	69
Emergency Oxygen Bottle - Fitting	70
Barostat Capsule - Replacement	71

WEAPONS. SP 51A (1) (1 to 7) AL 17					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:			RAF Form 2988B	
EJECTION SEAT AND CARTRIDGES - REMOVAL								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 W,AF, AC	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 53, SP 140			Code						
<u>Special Tools and Equipment:</u> Nil.													
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1				WEAPONS									
1. <u>Preparation</u>													
1.1 Seat/Pan.				Raise to highest position.									
1.2 Emergency oxygen set transit pin. Fit.													
BLOCK 2				AIRFRAME									
2. <u>Preparation</u>													
2.1 Canopy.				Remove.									
<div style="text-align: right;">Continued</div>													

WEAPONS SP 51A (2) (1 to 7) AL 17		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
EJECTION SEAT AND CARTRIDGES - REMOVAL				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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1 WEAPONS 3. <u>Firing Cables Disconnecting</u> 3.1 Articulated link.) 3.2 Main firing cables.) Disconnect. 3.3 Canopy firing cables.) 4. <u>Primary Firing Unit Disarming</u> 4.1 Unit.) Remove. 4.2 Cartridge.)									
BLOCK 2 WEAPONS 5. <u>Canopy Firing Unit Disarming</u> 5.1 Unit body.) Remove. 5.2 Cartridge.) 5.3 Unit body. Refit									

Continued

WEAPONS SP 51A (3) (1 to 7) AL 17		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
EJECTION SEAT AND CARTRIDGES - REMOVAL						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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1		WEAPONS									
6. <u>Drogue Gun Disarming</u>											
6.1 Drogue shackle.		Disconnect from piston.									
6.2 Barrel.		Unscrew.									
6.3 Cartridge.		Remove.									
6.4 Barrel.		Refit.									
6.5 Drogue gun static rod.		Disconnect.									
6.6 Drogue gun..		Remove from seat structure.									
7. <u>General</u>											
7.1 Mic/tel lead.) Disconnect.									
7.2 Anti-G hose.)									
7.3 Leg restraint cords.		(i) Disconnect from anchor shackle.									
		(ii) Stow in seat pan.									
7.4 Emergency oxygen manual release cable.		(i) Disconnect at floor anchorage.									
		(ii) Separate at knurled nuts.									
7.5 Low pressure oxygen hose.)									
7.6 Emergency oxygen release cable hose.) Disconnect.									
7.7 Barostatic time release unit static rod.)									
<div style="float: right;">Continued</div>											

WEAPONS SP 51A (4) (1 to 7) AL 17		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
EJECTION SEAT AND CARTRIDGES - REMOVAL				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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1 WEAPONS									
8. <u>Safety Equipment Removal</u>									
8.1 Safety equipment. Remove (SP53).									
BLOCK 2 WEAPONS									
NB: Before commencing item 9 ensure that cartridges have been removed from the ejection gun primary breech, drogue gun and canopy jettison breech.									
9. <u>Seat Removal</u>									
9.1 Top latch. Withdraw. !									
9.2 Ejection seat.) Remove from aircraft.									
9.3 Ejection gun.)									
9.4 Cartridge housing covers.) Remove.									
9.5 Secondary cartridges.)									
9.6 Cartridge housing covers.) Refit.									
9.7 Primary firing unit.)									
9.8 Drogue gun. Refit to seat structure.									

Continued

WEAPONS. SP 51A (5) (1 to 7) AL 17		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
<u>EJECTION SEAT AND CARTRIDGES - REMOVAL</u>						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1 WEAPONS Item 10 is applicable only when ejection seat is removed for Bay Servicing. 10. <u>Canopy Jettison and Time Delay Unit Removal</u> 10.1 Canopy jettison and time delay unit. Remove from guide rail. 10.2 Forms 731 (3 off). (1) Ensure completed correctly. (11) Attach firmly to ejection seat, ejection gun and canopy jettison and time delay unit.											
BLOCK 2 AIR COMMS Item 11 is applicable only when ejection seat is removed for Bay Servicing. 11. <u>Examination</u> 11.1 Mic.tel socket (Type 359).) Examine. 11.2 Conenctor (Type 10113/2).)											
Continued											

WEAPONS. SP 51A (6) (1 to 7) AL 17		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
<u>EJECTION SEAT AND CARTRIDGES - REMOVAL</u>						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR			
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						MAN HRS 1		INITS & TDM 2		MAN HRS 4		INITS & TDM 5	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1 AIRFRAME													
Item 12 is applicable only when seat is removed for Annual Bay Servicing.													
12. <u>Jettison Jacks Replacement</u>													
12.1 Jettison jacks. (1) Remove for Weapons Bay Servicing.													
(11) Fit new or Bay Serviced components.													
12.2 Canopy jettison system (010802). Carry out Functional Test (SP140).													
BLOCK 2 AIRFRAME													
Item 13 is applicable only when seat is removed for 6 Monthly Bay Servicing.													
13. <u>Examination</u>													
13.1 Cockpit floor (010211). Examine.													
BLOCK 3 ELECTRICAL													
14. <u>Cockpit Lighting</u>													
14.1 Pillar lamps. Ensure secure.													
										Continued			

WEAPONS					SERVICING PROCEDURES		AP 101B-1300-5A3A		SERVICING RECORD				
SP 52A (1)					COMPONENT REPLACEMENTS		Sect 1		RAF Form 2988B				
(1 to 21)					HUNTER ALL MARKS		Chap 2		Aircraft Serial No:				
AL 22									Date:				
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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 W, AF, AC	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 54A, SP 134, SP 171, SP 172, SP 459			Code						
<u>Special Tools and Equipment:</u>													
N11.													
BLOCK 1 WEAPONS													
1. <u>Ejection Seat Preparation</u>													
NB: Sub-item 1.1 is applicable only to type 3H seats.													
1.1 Seat pan firing cable eye tie Replace (SP 454). (020813).													
BLOCK 2 WEAPONS NCO													
2. <u>Vital Checks</u>													
2.1 Ejection Gun													
(a) Gun. Ensure unloaded.													
(b) F731. (i) Read.													
(ii) Ensure gun correct item for seat.													
											Continued		

WEAPONS SP 52A (2) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1		WEAPONS NCO											
2. <u>Vital Checks Cont</u>		(c) Gun. Examine. (d) Release button. Operate. (e) Ejection gun piston. Ensure locked to cylinder. (f) Primary firing unit. <ul style="list-style-type: none"> (i) Examine and particularly for thread damage. (ii) Ensure firing pin not protruding. (iii) Screw in and out of breech ensuring no restriction (Hand tight only). 											
2.2 Canopy jettison and time delay unit. <ul style="list-style-type: none"> (a) Unit complete. (b) Firing unit body. 		Ensure unloaded. <ul style="list-style-type: none"> (i) Examine and particularly for thread damage. (ii) Ensure firing pin not protruding. (iii) Screw in and out of breech ensuring no restriction (Hand tight only). 											
(c) Articulated link. Examine.													
<div style="float: right;">Continued</div>													

WEAPONS SP 52A (3) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
EJECTION SEAT AND CARTRIDGES - FITTING (MK 6, 6A AND 9 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	
BLOCK 1		WEAPONS NCO									
2. <u>Vital Checks Cont</u>											
2.3 Barostatic time release unit.											
(a) Unit.)											
(b) Static line.) Examine.											
(c) Primary plunger cap.) Ensure secure.											
2.4 Drogue gun.											
(a) Gun.		(i) Ensure loaded.									
		(ii) Remove from seat structure.									
		(iii) Examine and particularly for thread damage.									
		(iv) Screw barrel in and out of breech ensuring no restriction (Hand tight only).									
(b) Firing pin.		Ensure not protruding.									
(c) Static rod.		Examine.									
(d) Piston.		Ensure correctly secured to barrel by a 1/6 in split pin.									
2.5 Seat structure.											
(a) Structure complete.)											
(b) Top latch.) Examine.											
(c) Top latch safety pin and lanyard.)											
										Continued	

WEAPONS SP 52A (4) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1 WEAPONS NCO													
2. <u>Vital Checks Cont</u> 2.6 Seat pan assembly. (a) Complete assembly. Examine. (b) Seat adjusting mechanism. (i) Operate. (ii) Leave in highest position. (c) Snubbing units. (i) Examine. (ii) Operate. (d) Leg restraint cords.) Examine. (e) Firing handle assembly.) 2.7 Emergency oxygen set. (a) Transit pin. Ensure fitted. (b) Set complete. Examine. (c) Tell-tale wire. Ensure intact. 2.8 Drogue container. (a) Container. Examine. (b) Flaps.) (c) Wire loop.) Ensure assembled correctly. (d) Flap securing pin.) 2.9 Scissor shackle. Ensure locked correctly over drogue shackle. 2.10 Face screen and firing handle assembly. (a) Safety pin. Ensure fitted. (b) Assembly complete. Examine.													
										Continued			

WEAPONS SP 52A (5) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
BLOCK 1		WEAPONS NCO							
2. <u>Vital Checks Cont</u>									
2.11 Seat pan firing handle cable.		Ensure looped over Red fork of main firing cable.							
2.12 Low pressure oxygen hose.)							
2.13 Anti-G Flexible hose and connections (020831).) Examine.							
2.14 Safety equipment.)							
(a) F731.		(1) Read.							
		(11) Ensure equipment correct item for seat.							
(b) Complete equipment.		Examine.							
(c) Slide disconnect.		Ensure assembled correctly.							
(d) Rip cord safety tie)							
(2 off).) Ensure intact.							
(e) Slide disconnect safety)							
tie (2 off).)							
(f) 'D' rings.		Ensure stowed and secured correctly							
		(Tie intact).							
2.15 Cartridges.		(1) Ensure correct items for seat.							
		(11) Ensure expiry date is legibly inscribed							

Continued

[illegible]

WEAPONS SP 52A (7) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1 WEAPONS 4. <u>Guide Rail Examination Cont</u> (11) Repeat the test twice more to ensure the poundage is maintained. (111) QR pins falling (1) or (11) are to be replaced.											
BLOCK 2 WEAPONS NCO 5. <u>Leg Restraint Cord Brackets Examination</u> 5.1 Anchor shackles. (1) Clean. (11) Examine. 5.2 Quick release pins. (1) Examine. (11) Ensure secure to cords.											
BLOCK 3 AIRFRAME 6. <u>Emergency Oxygen System</u> 6.1 System (010809). (1) Examine. (11) Operate											
										Continued	

WEAPONS SP 52A (8) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: _____ Date: _____			
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1 AIRFRAME									
6. <u>Emergency Oxygen System Cont</u>									
6.2 Control cable (010810). Lubricate, (Grease XG-273).									
BLOCK 2 WEAPONS									
7. <u>General</u>									
7.1 Mic/Tel socket. (i) Ensure secure in bracket.									
7.2 Canopy jettison and time delay unit. (ii) Ensure not damaged.									
7.3 Ejection gun. Refit.									
7.3 Ejection gun. (i) Fit to guide rail.									
7.3 Ejection gun. (ii) Ensure locked correctly.									
BLOCK 3 WEAPONS NCO									
Note: Item 8 is to be carried out immediately before installing seat to guide rail.									
8. <u>Vital Checks</u>									
8.1 Guide rail) Examine.									
				Continued					

WEAPONS SP 52A (9) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1 WEAPONS NCO											
8.2 Ejection gun.) 8.3 Canopy jettison and time delay) Examine. unit.) 8.4 Articulated link.)											
BLOCK 2 WEAPONS											
9. <u>Ejection Seat Refitting</u>											
9.1 Seat. (i) Raise. (ii) Position over guide rail. (iii) Lower carefully down guide rail engaging rollers with flanges. Hold out.											
9.2 Top latch.											
9.3 Seat (i) Ensure whilst lowering seat, the Droque gun QR pin does not foul seat raising mechanism quadrant bolt thread. To rectify see sub-item 9.4. (ii) Lower fully ensuring no remaining aircraft installed items foul the seat structure.											
									Continued		

WEAPONS SP 52A (10) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
EJECTION SEAT AND CARTRIDGES - FITTING (MK 6, 6A AND 9 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
BLOCK 1 Note: Sub-item 9.4 is only applicable if Drogue gun QR pin fouls seat raising mechanism quadrant bolt. 9.4 Seat <ul style="list-style-type: none"> (i) Remove seat from guide rail and transfer to servicing stand. (ii) Using a suitable file, dress down offending seat raising mechanism quadrant bolt thread ensuring at least one thread remain protruding from nut. (iii) Paint unfinished metal surface of bolt with suncorite, black (33C/2233581). (iv) Repeat sub item 9.3 and refit seat to guide rail. 9.5 Top latch. <ul style="list-style-type: none"> (a) Latch. <ul style="list-style-type: none"> (i) Release. (ii) Ensure engaged correctly. (b) Safety pin. <ul style="list-style-type: none"> Fit. 									
BLOCK 2 WEAPONS NCO Note: Item 10 is applicable only when seat has been Bay Serviced or when modification has been embodied which affects any part of the firing cables.									
				Continued					

WEAPONS SP 51A (7) (1 to 7) AL 17		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
EJECTION SEAT AND CARTRIDGES - REMOVAL						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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1		FLT SYST									
15. <u>E2B Compass</u>											
15.1 Lamp holder and cap.		Ensure secure.									
BLOCK 2		FLT SYST									
16. <u>Throttle Twist Grip</u>											
16.1 Throttle twist grip.		Ensure secure.									
BLOCK 3		AIRFRAME									
17. <u>Cockpit Panels</u>											
17.1 Port rear shelf.)									
17.2 Port front shelf.)									
17.3 Port combing panel.)									
17.4 Port kidney panel.) Examine and particularly for missing or									
17.5 Stbd shelf.) damaged screws/dzus fasteners.									
17.6 Stbd combing panel.)									
17.7 Stbd kidney panel.)									
17.8 Main instrument panel.)									

WEAPONS SP 52A (11) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 AIRCRAFT)				TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable 3		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				MAN HRS 1	INITS & TDM 2			MAN HRS 4	INITS & TDM 5
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1		WEAPONS NCO							
10. <u>Testing Cont</u>									
10.1 Firing cables.		Pull-off tests (SP 172).							
BLOCK 2		WEAPONS							
11. <u>General</u>									
11.1 Barostatic time release unit)									
static line.)		Connect.							
11.2 Mic/tel lead.)									
11.3 Anti 'G' hose.)									
11.4 Leg restraint cords.		Connect to floor anchorage shackles.							
BLOCK 3		WEAPONS							
12. <u>Low Pressure Oxygen Hose Fitting</u>									
12.1 Aerolex clip.		Ensure fitted.							
12.2 Aircraft oxygen male portion.		(1) Clean, ensuring all traces of old silicone grease are removed.							
				Continued					

WEAPONS SP 52A (12) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1 WEAPONS											
12.2 Aircraft oxygen male portion (Cont) (11) Apply a thin film of silicone grease (XG-315).											
12.3 Hose (020816). (1) Examine.											
(11) Connect.											
12.4 Aerolex clip. (111) Ensure disconnects freely (SP 415).											
Ensure located squarely, as near as possible to top of main portion.											
12.5 Hose. (1) Ensure not under tension with seat pan in highest position.											
(11) Stow free end.											
BLOCK 2 WEAPONS											
13. <u>Canopy Firing Unit Fitting</u>											
13.1 Breech housing. Clean.											
13.2 Cartridge. Fit.											
13.3 Firing pin. Ensure not protruding.											
13.4 Seat. Ensure fitted correctly.											
13.5 Firing unit body. Screw firmly into breech.											
13.6 Safety pin. Fit.											
13.7 Firing unit body. Lock with wire (22 SWG).											
										Continued	

WEAPONS SP 52A (13) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
BLOCK 1 14. <u>Primary Firing Unit Fitting</u> 14.1 Primary firing unit (Safety pin fitted)		WEAPONS Repeat sub-items 13.1 to 13.5 and 13.7 inclusive.							
BLOCK 2 15. <u>Drogue Gun Arming</u> NB: During Sub-item 15.1 operations (iii) and (iv) are applicable only if the static rod retention pin will not insert in operation (ii). 15.1 Gun (020806). NB: Sub- item 15.2 only applicable if sub-item 15.1 cannot be carried out. 15.2 Drogue gun. 15.3 Static rod (020808). 15.4 Static rod retention pin.		WEAPONS (1) Fit to seat structure. (ii) Insert static rod retention pin into safety lock. (iii) Push in locking plunger. (iv) Repeat operation (ii). Replace (1) Examine fork and shackle. (ii) Locate in anchorage bracket. (1) Remove from drogue gun safety lock. (ii) Secure static rod to its anchorage bracket.							

Continued

WEAPONS SP 52A (14) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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
BLOCK 1 15.5 Breech.		WEAPONS (1) Ensure clean. (11) Ensure firing pin not protruding. (Visually and by touch). Ensure engaged correctly.									
15.6 Sear. 15.7 Cartridge. 15.8 Barrel.		Fit. (1) Ensure piston secured by split pin. (11) Screw firmly into firing unit body. (111) Lock with wire (22 SWG).									
15.9 Drogue withdrawal line.		(1) Connect to lug on piston. (11) Ensure routed over top of Black PVC lifting line.									
BLOCK 2 16. <u>Firing Cables Connection</u>		WEAPONS Fig 1. Thread through eye of seat pan firing handle cable. Connect to sear of canopy jettison unit, ensuring slack is not excessive.) NB: Main firing cable is to be placed on sear before canopy jettison cable.									
16.1 Servicing diagram. 16.2 Trip lever firing cable.											
16.3 Main firing cable. 16.4 Canopy jettison firing cable											
16.5 Time delay unit.		(1) Cock. (11) Whilst cocking place Red firing cable over trip lever.									
<div style="float: right;">Continued</div>											

WEAPONS SP 52A (15) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1		WEAPONS									
16. <u>Firing Cables Connection Cont</u>											
16.6 Trip lever safety pin.		Fit.									
16.7 Articulated link.		Connect.									
BLOCK 2		WEAPONS									
17. <u>General</u>											
17.1 Drogue shackle.		(i). Rotate forward.									
		(ii) Fit safety tie.									
17.2 Safety equipment.		Fit (SP 54A).									
17.3 Emergency oxygen set transit pin.		Remove.									
BLOCK 3		WEAPONS NCO									
18. <u>Vital Checks</u>											
18.1 Safety pins.		Ensure in 'Safe for Servicing' positions.									
18.2 Top latch safety pin.		Ensure fitted correctly.									
18.3 Drogue link line.		Ensure connected correctly.									
										Continued	

WEAPONS SP 52A (16) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1		WEAPONS NCO											
18. <u>Vital Checks Cont</u>													
18.4 Drogue withdrawal line.		Ensure connected and routed correctly.											
18.5 Firing cable.													
(a) Red trip lever firing cable		(i) Ensure threaded through eye of seat pan firing handle cable. (ii) Ensure connected to time delay unit trip lever.											
(b) Seat canopy firing cable.		(i) Ensure routed under scissor shackle.											
(c) Aircraft canopy firing cable.		(ii) Ensure connected correctly to sear of canopy jettison firing unit. (iii) Ensure slack not excessive.											
18.6 Articulated link.		(i) Examine. (ii) Ensure connected correctly to primary firing unit.											
18.7 Barostatic time release unit static line.		Ensure attached securely to anchorage brackets.											
18.8 Drogue gun static rod.		(i) Examine and particularly for cracking of fork end shackle. (ii) Ensure attached securely to anchorage brackets.											
										Continued			

WEAPONS SP 52A (17) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser Np: Date:					
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 AIRCRAFT)						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable 3		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						MAN HRS 1	INITS & TDM 2			MAN HRS 4	INITS & TDM 5
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1		WEAPONS NCO									
18. Vital Checks Cont											
18.9 Emergency oxygen set.											
(a) Tell-tale wire.		Ensure intact.									
(b) Transit pin.		Ensure removed.									
(c) Manual release cable.		Ensure connected correctly.									
18.10 Leg restraint cords.		Ensure securely attached to floor anchorage shackles.									
18.11 Safety equipment.											
(a) Parachute.) Ensure fitted correctly.									
(b) Liferaft.)									
(c) Pack restraining straps.		Ensure secure in container clips.									
18.12 F700/Equivalent servicing document.		(1) Endorse as follows: "Certified Vital Checks satisfactorily completed".									
		(11) Record the following information in respect of an ejection seat and canopy cartridges: Maker/filler, lot number, date of manufacture and date of expiry.									
<div style="text-align: right;">Continued</div>											

WEAPONS SP 52A (18) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
EJECTION SEAT AND CARTRIDGES - FITTING (MK 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1 AIRFRAME													
19. <u>Testing</u>													
19.1 Aircraft oxygen system. Flow test (SP 138).													
BLOCK 2 AIR COMMS													
20. <u>Completion</u>													
20.1 Mic/tel connector. Test.													
BLOCK 3 AIRFRAME													
21. <u>Completion</u>													
21.1 Canopy. Refit.													
BLOCK 4 WEAPONS													
22. <u>Completion</u>													
22.1 Primary firing unit sear safety pin.))													
										Continued			

WEAPONS SP 52A (19) (1 to 21) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1 WEAPONS 22. <u>Completion Cont</u> 22.2 Canopy firing unit sear safety) (1) Leave in position. pin.) (11) Report position to NCO IC Aircraft 22.3 Time delay unit trip lever) Servicing. safety pin.)											
BLOCK 2 WEAPONS NCO 23. <u>Independent Checks</u> 23.1 Ejection seat installation. Independent checks (SP 171).											
BLOCK 3 ELECTRICAL 24. <u>Cockpit Lighting</u> 24.1 Pillar lamps. Ensure secure.											
Continued											

[illegible]

WEAPONS

SP 52A (21)

(1 to 21)

AL 3

SERVICING PROCEDURES

COMPONENT REPLACEMENTS

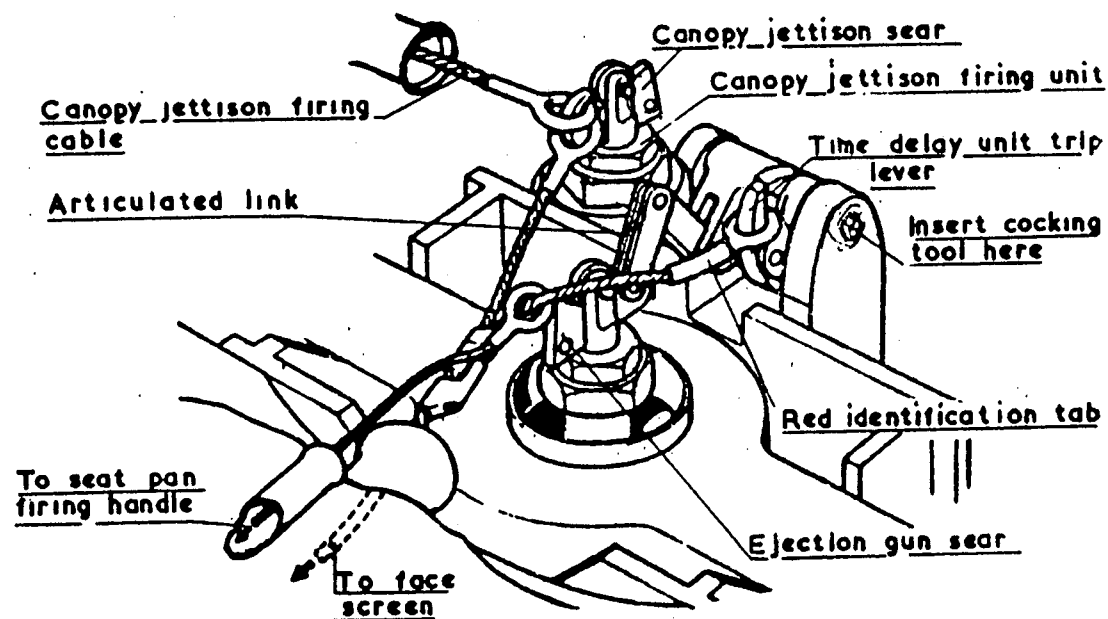
HUNTER ALL MARKS

AP 101B-1300-5A3A

Sect 1

Chap 2

EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 AIRCRAFT)



ARRANGEMENT OF FIRING CABLES

FIG 1

WEAPONS. SP 53A (1) (1 to 4)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B	
<u>SAFETY EQUIPMENT - REMOVAL</u>								TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD								MAN HRS 1	INITS & TDM 2	3		MAN HRS 4	INITS & TDM 5
TRADE W	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS				Code					
<u>Special Tools and Equipment:</u> Nil.													
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1				WEAPONS									
1. <u>Preparation</u>													
1.1 Seat pan.				Raise to highest position.									
1.2 Seat harness.													
(a) Shoulder straps.				Position over parachute container.									
(b) Lap straps.) Place outside seat pan.									
(c) Leg restraint cords.)									
BLOCK 2				WEAPONS									
2. <u>General</u>													
2.1 Personal survival pack quick release couplings.				Disconnect.									
												Continued	

WEAPONS SP 53A (2) (1 to 4)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
<u>SAFETY EQUIPMENT - REMOVAL</u>				TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1 WEAPONS 2. <u>General Cont</u> 2.2 Parachute restraining straps.) 2.3 Parachute harness sticker) Remove from clips. straps.) 2.4 Emergency oxygen stirrup. Disconnect. 2.5 Emergency oxygen tube (Upper Reconnect to lower portion. portion).									
BLOCK 2 WEAPONS 3. <u>Parachute Pack Removal</u> 3.1 Pack. Ease forward. 3.2 Withdrawal line. Disconnect from link line. 3.3 Parachute assembly.) Remove. 3.4 Personal survival pack.)									
BLOCK 3 WEAPONS Item 4 is applicable only to Type 2H seats Post Mod ES1150.									
							Continued		

WEAPONS. SP 53A (3) (1 to 4)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
<u>SAFETY EQUIPMENT - REMOVAL</u>						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR			
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						MAN HRS 1		INITS & TDM 2		MAN HRS 4		INITS & TDM 5	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1 WEAPONS													
4. <u>Emergency Oxygen Set Removal</u>													
4.1 Manual release cable. (i) Disconnect at floor anchorage.													
(ii) Separate at knurled nuts.													
4.2 Release cable hose. Disconnect.													
4.3 Emergency oxygen tube. (i) Disconnect from clamp.													
(ii) Remove from retaining brackets.													
4.4 Clamping screw lock nut. Loosen.													
4.5 Clamping screw. Slacken off until set is free.													
4.6 Set complete. Remove.													
BLOCK 2 WEAPONS													
Item 5 is applicable only to Type 3H seats.													
5. <u>Emergency Oxygen Set Removal</u>													
5.1 Manual release cable. (i) Disconnect at floor anchorage.													
(ii) Separate at knurled nuts.													
5.2 Release cable hose. (i) Disconnect from bracket.													
(ii) Disconnect from clips.													
										Continued			

WEAPONS. SP 53A (4) (1 to 4)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
SAFETY EQUIPMENT - REMOVAL						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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.											
BLOCK 1 WEAPONS											
5. <u>Emergency Oxygen Set Removal Cont</u>											
5.3 Oxygen tube. (i) Disconnect from cleat.											
(ii) Disconnect from clamp.											
5.4 Set complete. (i) Release from mounting bracket.											
(ii) Remove.											
BLOCK 2 WEAPONS											
Item 6 is applicable only when safety equipment is removed for Bay Servicing.											
6. <u>Completion</u>											
6.1 Forms 731 (3 off). (i) Ensure completed correctly.											
(ii) Attach firmly to parachute assembly, survival pack and emergency oxygen set.											

WEAPONS. SP 54A (1) (1 to 9) AL 22					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:				
SAFETY EQUIPMENT - FITTING								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 W	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 171			Code						
Special Tools and Equipment:													
N11.													
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1 WEAPONS													
1. <u>Preparation</u>													
1.1 Emergency oxygen set transit pin. Ensure fitted.													
1.2 Ejection seat safety harness.													
(a) Shoulder straps. Position over back of parachute pack container.													
(b) Leg straps.)													
(c) Leg restraint cords.) Ensure clear of seat pan.													
(d) Negative 'G' strap.)													
<div style="float: right;">Continued</div>													

WEAPONS. SP 54A (2) (1 to 9) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
SAFETY EQUIPMENT - FITTING				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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1 WEAPONS 2. <u>Personal Survival Pack Fitting</u> 2.1 Pack. Fit in seat pan. 2.2 Lowering line. Ensure emerging from Port side of seat pan. 2.3 Apron. (1) Ensure clipped to lower extension of parachute pack container. (11) Tension against clips.									
BLOCK 2 WEAPONS 3. <u>Parachute Pack Fitting</u> 3.1 Pack. Locate lower edge behind container corner plates. 3.2 Withdrawal line coupling. Connect. 3.3 Pack. Press fully home. 3.4 Pack restraining straps. Fit to clips. 3.5 Parachute harness back pod. Ensure positioned correctly. 3.6 Survival pack quick release couplings (2 off). (1) Connect to parachute harness.									
							Continued		

WEAPONS SP 54A (3) (1 to 9) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B		
SAFETY EQUIPMENT - FITTING					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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.										
BLOCK 1		(11) Ensure routed outside all other parachute harness straps, but inside seat harness lap straps and harness release cable.								
3.7 Harness sticker straps.		(1) Fit in seat pan clips. (11) Ensure sticker straps are routed outboard of parachute harness and PSP QR couplings, but inboard of seat harness release cable.								
3.8 Parachute harness and PSP cushion.		Ensure harness routed correctly and arrange cushion so that its front edge does not overlap the forward edge of the seat pan.								
BLOCK 2		WEAPONS								
NB Item 4 is applicable only to 2H seats.										
4. <u>Emergency Oxygen Set Fitting</u>										
4.1 Servicing diagram (Fig 1).		Read.								
4.2 Bottle.		(1) Offer to mounting bracket ensuring supply tube faces forward. (11) Secure with clamping screw.								
									Continued	

WEAPONS SP 54A (4) (1 to 9) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect Chap		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
<u>SAFETY EQUIPMENT - FITTING</u>						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR			
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						MAN HRS 1		INITS & TDM 2		MAN HRS 4		INITS & TDM 5	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1													
4.3 Clamping screw lock nut, Tighten. 4.4 Operating cable knurled nuts. Connect. 4.5 Spring anchor hook. Connect to static line. 4.6 Release cable hose. Connect to anchor socket. 4.7 Emergency oxygen supply tube. (i) Route through retaining bracket. (ii) Attach to clamp. 4.8 Emergency oxygen upper supply tube. (i) Pass through stirrup quick release fitting and connect to oxygen supply tube ensuring that the concave side of stirrup is adjacent to and outboard of upper supply tube and that loop strap is routed inboard of automatic release cable. (ii) Route through main oxygen hose becket on RH lap strap ensuring that tube is routed inboard of automatic release cable.													
BLOCK 2 WEAPONS													
NB Item 5 is applicable only to Type 3H seats.													
										Continued			

WEAPONS. SP 54A (5) (1 to 9) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B		
<u>SAFETY EQUIPMENT - FITTING</u>					TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD					MAN HRS 1	INITS & TDM 2	3		MAN HRS 4	INITS & TDM 5
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.										
BLOCK 1					WEAPONS					
5. <u>Emergency Oxygen Set Fitting</u>										
5.1 Servicing diagram (Fig 2).					Read.					
5.2 Set complete.					Ensure fitted correctly.					
5.3 Emergency oxygen supply tube.					(i) Ensure facing aft routed correctly. (ii) Attach to clamp.					
5.4 Emergency oxygen upper supply tube.					(i) Pass through stirrup quick release fitting and connect to oxygen supply tube ensuring that concave side of stirrup is adjacent to and inboard of upper supply tube and that loop strap is routed outboard of emergency oxygen operating cable. (ii) Route through main oxygen hose becket on RH lap strap ensuring that tube is routed outboard of automatic release cable.					
5.5 Operating cable knurled nuts.					Connect.					
5.6 Spring anchor hook.					Connect to static line.					
5.7 Release cable hose.					Connect to anchor socket.					
<div style="text-align: right;">Continued</div>										

WEAPONS. SP 54A (6) (1 to 9) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
SAFETY EQUIPMENT - FITTING						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	
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.													
BLOCK 1 WEAPONS 6. <u>Vital Checks</u> 6.1 Servicing diagram (Fig 3 and 4). Read. 6.2 Slide disconnect. Ensure assembled and positioned correctly. 6.3 Slide disconnect safety tie.) (2 off).) 6.4 Rip cord pin safety tie.) Ensure intact. 6.5 Manual override tie.) 6.6 Drogue and parachute with- Ensure connected and routed correctly. drawal lines. 6.7 F700/Equivalent servicing Endorse as follows: "Certified Vital Checks documents. satisfactorily completed".													
BLOCK 2 WEAPONS NB Item 7 is applicable only when this Procedure does not form part of SP 52A (Ejection Seat and Cartridges - Fitting). 7. <u>General</u> 7.1 Emergency oxygen set transit Remove. pin.													
										Continued			

WEAPONS SP 54A (7) (1 to 9) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
SAFETY EQUIPMENT - FITTING				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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1 WEAPONS 7. General Cont 7.2 Primary firing unit sear) safety pin.) 7.3 Canopy firing unit sear) (i) Leave in position. safety pin.) (ii) Report position to NCO i/c Aircraft 7.4 Time delay unit trip lever) Servicing. safety pin.)									
BLOCK 2 WEAPONS NB Item 8 is applicable only when this Procedure does not form part of SP 52A (Ejection Seat and Cartridges - Fitting). 8. Independent Check 8.1 Ejection seat installation. Carry out Independent Checks (SP 171).									

Continued

WEAPONS

SP 54A (8)

(1 to 9)

AL 22

SERVICING PROCEDURES
COMPONENT REPLACEMENTS
HUNTER ALL MARKS

AP 101B-1300-5A3A
Sect 1
Chap 2

SAFETY EQUIPMENT - FITTING

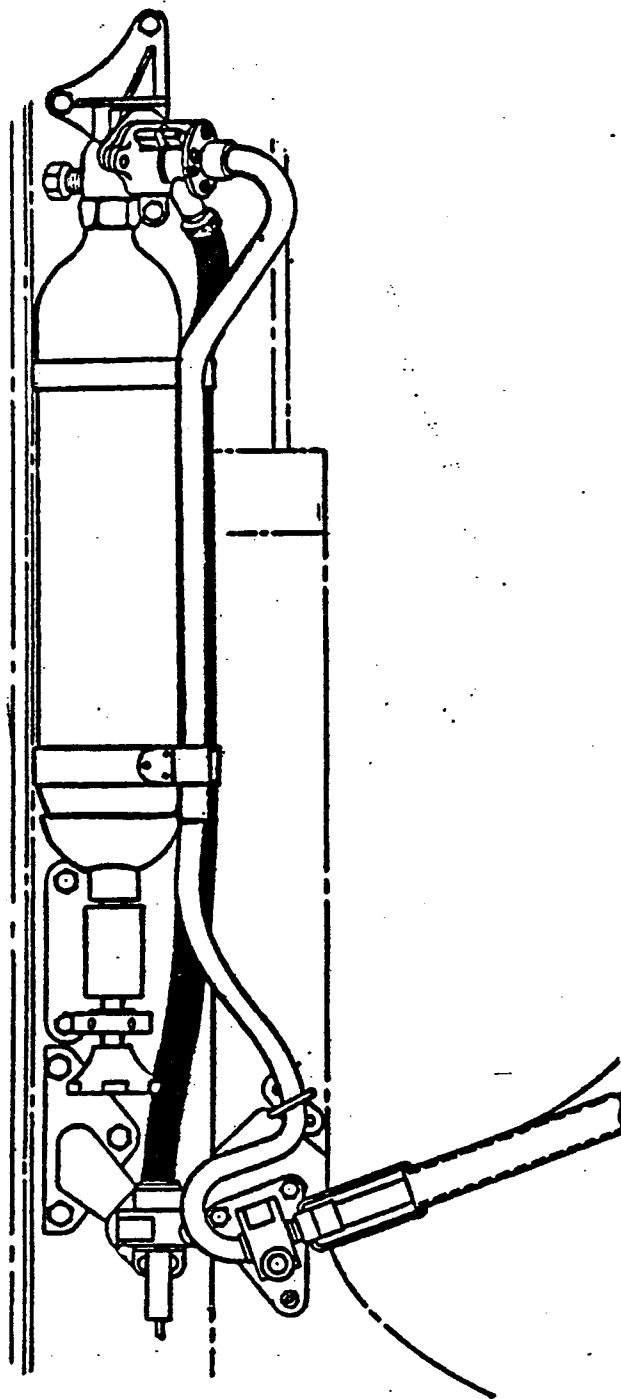


FIG.1.

Arrangement of Emergency Oxygen Supply, Type 2H Seat.

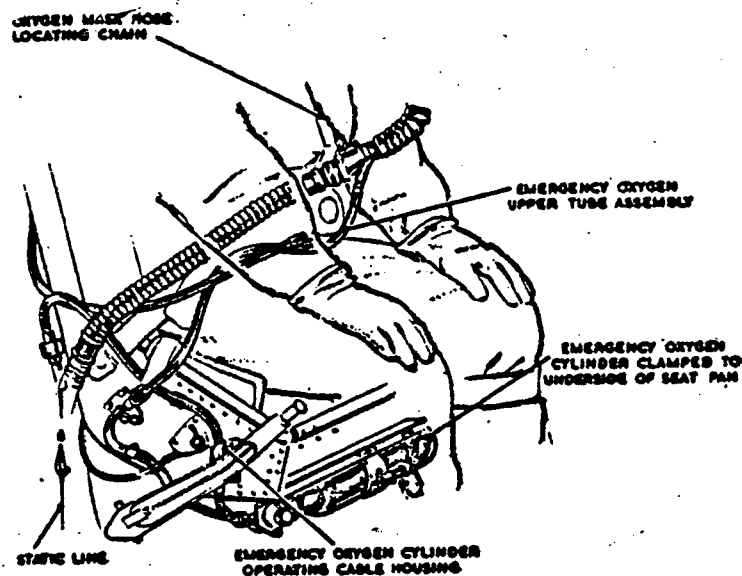


FIG 2 Arrangement of supply (Type 3H Seat).

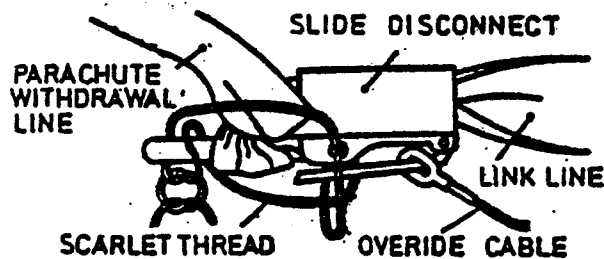


FIG 3 Arrangement of drogue link line, withdrawal line and slide disconnect pin: slide disconnect safe-tied.

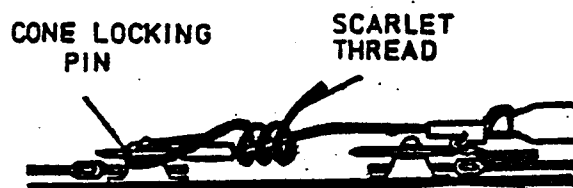


FIG 4 Safe-tie for forward rip cord pin.

This file was downloaded
from the RTFM Library.
Link: www.scottbouch.com/rtfm
Please see site for usage terms,
and more aircraft documents.

