

WEAPONS

SERVICING PROCEDURES

AP101B-1300-5A3A

COMPONENT REPLACEMENTS

Sect 1

HUNTER ALL MARKS

Chap 2

AMENDED TO INCLUDE MK 9

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WEAPONS

SERVICING PROCEDURES

AP101B-1300-5A3A

Sect. 1

Chap 2

COMPONENT REPLACEMENTS

HUNTER ALL MARKS

AMENDED TO INCLUDE MK 9

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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		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		MAN HRS 4
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				

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SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD			MAN HRS 1	INITS & TDM 2		
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.	(1) Disconnect from anchor shackle. (11) Stow in seat pan.				
7.4	Emergency oxygen manual release cable.	(1) Disconnect at floor anchorage. (11) Separate at knurled nuts.				
7.5	Low pressure oxygen hose.)				
7.6	Emergency oxygen release cable hose.)				
7.7	Barostatic time release unit static rod.) Disconnect.				
						Continued

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			Aircraft Ser No: Date:				
<u>EJECTION SEAT AND CARTRIDGES - REMOVAL</u>			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 Item 10 is applicable only when ejection seat is removed for Bay Servicing.							
10. <u>Canopy Jettison and Time Delay</u> <u>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			
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			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 (SPI40).											
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.											

WEAPONS SP 52A (1) (1 to 21) AL 22					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 2		SERVICING RECORD Aircraft Serial 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	
TRADE W, AF, AC	M/HRS	TRADE	M/HRS	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			
				ASSOCIATED PROCEDURE CARDS SP 54A, SP 134, SP 171, SP 172, SP 459										
<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. (b) F731. Ensure unloaded. (1) Read. (11) Ensure gun correct item for seat.														

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
<u>EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 AIRCRAFT)</u>			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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.				MAN HRS 3
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.	<p>(i) Examine and particularly for thread damage.</p> <p>(ii) Ensure firing pin not protruding.</p> <p>(iii) Screw in and out of breech ensuring no restriction (Hand tight only).</p>			
2.2 Canopy jettison and time delay unit.	Ensure unloaded.			
(a) Unit complete.	<p>(i) Examine and particularly for thread damage.</p> <p>(ii) Ensure firing pin not protruding.</p> <p>(iii) Screw in and out of breech ensuring no restriction (Hand tight only).</p>			
(b) Firing unit body.				
(c) Articulated link.	Examine.			

WEAPONS
SP 52A (3)
(1 to 21)
AL 22

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SERVICING RECORD

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Aircraft Ser No:
Date:

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

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

BLOCK 1

WEAPONS NCO

2. Vital Checks Cont

2.3 Barostatic time release unit.

- (a) Unit.)
- (b) Static line.) Examine.
- (c) Primary plunger cap.) Ensure secure.

2.4 Drogue gun.

- (a) Gun.
 - (1) Ensure loaded.
 - (11) Remove from seat structure.
 - (111) Examine and particularly for thread damage.
 - (1v) 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.)

TRADESMAN

Brief Details of
Suspected Defect and
SNOW
When Applicable

SUPERVISOR

MAN
HRS
1

INITS
& TDM
2

MAN
HRS
4

INITS
& TDM
5

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		RAF Form 2988B	
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<u>EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 AIRCRAFT)</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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.						INITS & TDM 5
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
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AP 101B-1300-5A3A
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Chap 2

SERVICING RECORD
Aircraft Ser No:
Date:

RAF Form 2988B

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

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

BLOCK 1

WEAPONS NCO

2. Vital Checks Cont

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).)

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).)

 (e) Slide disconnect safety tie (2 off).)

 (f) 'D' rings. Ensure stowed and secured correctly
(Tie intact).
 (1) Ensure correct items for seat.
 (11) Ensure expiry date is legibly inscribed

2.15 Cartridges.

TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
	MAN HRS 1	INITS & TDM 2	MAN HRS 4	INITS & TDM 5

Continued

WEAPONS SP 52A (6) (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			
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SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				MAN HRS	INITS & TDM	1	2	MAN HRS	INITS & TDM
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.									
BLOCK 1		WEAPONS							
3. <u>Ejection Gun Arming</u>									
3.1	Housing covers.	Remove.							
3.2	Housings.	Clean.							
3.3	Cartridges.	Fit.							
3.4	Housing covers.	(1) Refit. (11) Lock with wire (22 SWG).							
BLOCK 2		WEAPONS							
4. <u>Guide Rail Examination</u>									
4.1	Rail.)							
4.2	Bracket attachments.)							
4.3	Mounting block.) Examine.							
4.4	Bottom latch.)							
4.5	Bottom latch plunger.	(1) Operate. (11) Lubricate, (Grease XG-287).							
4.6	Drogue gun (020836) and baro- static time release unit static rod quick release pins (020837).	(1) Using a spring balance ensure the pull required to withdraw each QR pin is not less than 2½ lbs.							

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SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				MAN HRS 1	INITS & TDM 2
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 failing (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			

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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 3	INITS & TDM 4
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.						
BLOCK 1 AIRFRAME						
6. <u>Emergency Oxygen System</u> Cont						
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. (ii) Ensure not damaged.						
7.2 Canopy jettison and time delay unit. Refit.						
7.3 Ejection gun. (i) Fit to guide rail. (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 Aircraft Ser No: Date:	RAF Form 2988B
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SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD		MAN HRS 1	INITS & TDM 2	MAN HRS 3
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.				MAN HRS 4
BLOCK 1 WEAPONS NCO				INITS & TDM 5
8.2 Ejection gun.)			
8.3 Canopy jettison and time delay unit.) Examine.			
8.4 Articulated link.)			
BLOCK 2 WEAPONS				
9. <u>Ejection Seat Refitting</u>				
9.1 Seat.	(1) Raise. (11) Position over guide rail. (111) Lower carefully down guide rail engaging rollers with flanges. Hold out.			
9.2 Top latch.				
9.3 Seat	(1) Ensure whilst lowering seat, the Drogue gun QR pin does not foul seat raising mechanism quadrant bolt thread. To rectify see sub-item 9.4. (11) Lower fully ensuring no remaining aircraft installed items foul the seat structure.			
		Continued		

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			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							
Note: Sub-item 9.4 is only applicable if Drogue gun QR pin fouls seat raising mechanism quadrant bolt.							
9.4	Seat	(1) 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. (a) Latch. (b) Safety pin.	(1) Release. (ii) Ensure engaged correctly. 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					

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SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				MAN HRS 1	INITS & TDM 2
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.					
BLOCK 1	FLT SYST				
15. <u>E2B Compass</u>	Ensure secure.				
15.1 Lamp holder and cap.					
BLOCK 2	FLT SYST				
16. <u>Throttle Twist Grip</u>	Ensure secure.				
16.1 Throttle twist grip.					
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.)				

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SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD		MAN HRS 1	INITS & TDM 2		
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.					
BLOCK 1	WEAPONS NCO				
10. <u>Testing</u> Cont					
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			

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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					
12.2 Aircraft oxygen male portion (Cont)		(ii) Apply a thin film of silicone grease (XG-315).					
12.3 Hose (020816).		(1) Examine. (ii) Connect. (iii) Ensure disconnects freely (SP 415). Ensure located squarely, as near as possible to top of main portion.					
12.4 Aerolex clip.							
12.5 Hose.		(1) Ensure not under tension with seat pan in highest position. (ii) 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 Fitting unit body.		Lock with wire (22 SWG).					
					Continued		

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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					
14. <u>Primary Firing Unit Fitting</u>		14.1 Primary firing unit (Safety pin fitted)	Repeat sub-items 13.1 to 13.5 and 13.7 inclusive.				
BLOCK 2		WEAPONS					
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).		(1) Fit to seat structure. (ii) Insert static rod retention pin into safety lock. (iii) Push in locking plunger. (iv) Repeat operation (ii).					
NB: Sub-item 15.2 only applicable if sub-item 15.1 cannot be carried out.							
15.2 Drogue gun.		Replace					
15.3 Static rod (020808).		(1) Examine fork and shackle. (ii) Locate in anchorage bracket.					
15.4 Static rod retention pin.		(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
			MAN HRS 1	INITS & TDM 2	MAN HRS 4	INITS & TDM 5
<p>SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD</p> <p>BLOCK 1</p> <p>15.5 Breech.</p> <p>WEAPONS</p> <ul style="list-style-type: none"> (1) Ensure clean. (11) Ensure firing pin not protruding. (Visually and by touch). <p>15.6 Sear.</p> <p>15.7 Cartridge.</p> <p>15.8 Barrel.</p> <p>15.9 Drogue withdrawal line.</p> <p>Ensure engaged correctly.</p> <p>Fit.</p> <ul style="list-style-type: none"> (1) Ensure piston secured by split pin. (11) Screw firmly into firing unit body. (111) Lock with wire (22 SWG). (1) Connect to lug on piston. (11) Ensure routed over top of Black PVC lifting line. 						
<p>BLOCK 2</p> <p>16. <u>Firing Cables Connection</u></p> <p>16.1 Servicing diagram.</p> <p>16.2 Trip lever firing cable.</p> <p>16.3 Main firing cable.</p> <p>16.4 Canopy jettison firing cable</p> <p>16.5 Time delay unit.</p> <p>WEAPONS</p> <p>Fig 1.</p> <p>Thread through eye of seat pan firing handle cable. Connect to sear of canopy jettison unit; ensuring slack is not excessive.</p> <p>) NB: Main firing cable is to be placed on sear before canopy jettison cable.</p> <ul style="list-style-type: none"> (1) Cock. (11) Whilst cocking place Red firing cable over trip lever. 						
		Continued				

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 29888		
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	
<u>EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 AIRCRAFT)</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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.				3	INITS & TDM 5
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	(1) Ensure threaded through eye of seat pan firing handle cable. (11) Ensure connected to time delay unit trip lever.				
(b) Seat canopy firing cable.	(1) Ensure routed under scissor shackle.				
(c) Aircraft canopy firing cable.) (11) Ensure connected correctly to sear of canopy jettison firing unit.) (111) Ensure slack not excessive.				
18.6 Articulated link.	(1) Examine. (11) 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.	(1) Examine and particularly for cracking of fork end shackle. (11) Ensure attached securely to anchorage brackets.				

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.)								

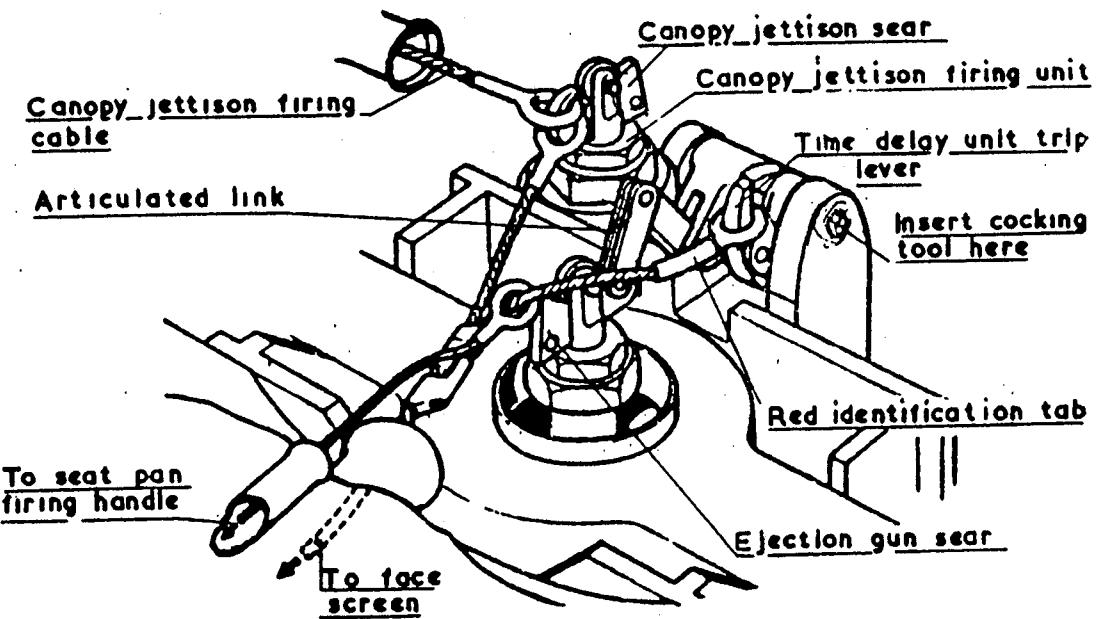
WEAPONS SP 52A (19) (1 to 21) AL 22	SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS	AP 101B-1300-5A3A Sect 1 Chap 2	SERVICING RECORD Aircraft Ser No: Date:	RAF Form 2988B	
<u>EJECTION SEAT AND CARTRIDGES - FITTING (Mk 6, 6A AND 9 AIRCRAFT)</u>			TRADESMAN	Brief Details of Suspected Defect 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
NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.					INITS & TDM 5
BLOCK 1	WEAPONS				
22. <u>Completion Cont</u>					
22.2 Canopy firing unit sear safety pin.) (1) Leave in position.) (11) Report position to NCO IC Aircraft				
22.3 Time delay unit trip lever safety pin.) Servicing.)				
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			

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

<p>WEAPONS SP 53A (1) (1 to 4)</p>				<p>SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS</p>		<p>AP 101B-1300-5A3A Sect 1 Chap 2</p>		<p>SERVICING RECORD Aircraft Ser No: Date:</p>				<p>RAF Form 2988B</p>	
<p><u>SAFETY EQUIPMENT - REMOVAL</u></p>				<p></p>		<p>TRADESMAN</p>		<p>Brief Details of Suspected Defect and SNOW When Applicable</p>		<p>SUPERVISOR</p>			
<p>SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD</p>				<p></p>		<p>MAN HRS</p>	<p>INITS & TDM</p>	<p>1</p>	<p>2</p>	<p>MAN HRS</p>	<p>INITS & TDM</p>		
TRADE W	M/HRS	TRADE	M/HRS	<p>ASSOCIATED PROCEDURE CARDS</p>		<p>Code</p>							
<p><u>Special Tools and Equipment:</u></p>													
<p>N11.</p>													
<p>NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.</p>													
<p>BLOCK 1</p>				<p>WEAPONS</p>									
<p>1. <u>Preparation</u></p>													
<p>1.1 Seat pan.</p>				<p>Raise to highest position.</p>									
<p>1.2 Seat harness.</p>				<p>(a) Shoulder straps. (b) Lap straps. (c) Leg restraint cords.</p>		<p>Position over parachute container.) Place outside seat pan.</p>							
<p>BLOCK 2</p>				<p>WEAPONS</p>									
<p>2. <u>General</u></p>													
<p>2.1 Personal survival pack quick release couplings.</p>				<p>Disconnect.</p>									
												<p>Continued</p>	

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 straps.) Remove from clips.							
2.4 Emergency oxygen stirrup.) Disconnect.							
2.5 Emergency oxygen tube (Upper portion).) Reconnect to lower 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
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.	(1) Disconnect at floor anchorage. (11) Separate at knurled nuts.			
4.2 Release cable hose.	Disconnect.			
4.3 Emergency oxygen tube.	(1) Disconnect from clamp. (11) 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.	(1) Disconnect at floor anchorage. (11) Separate at knurled nuts.			
5.2 Release cable hose.	(1) Disconnect from bracket. (11) Disconnect from clips.			

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			
<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									
5. <u>Emergency Oxygen Set Removal Cont</u>											
5.3 Oxygen tube.		(1) Disconnect from cleat. (11) Disconnect from clamp.									
5.4 Set complete.		(1) Release from mounting bracket. (11) 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).		(1) Ensure completed correctly. (11) Attach firmly to parachute assembly, survival pack and emergency oxygen set.									

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:				
<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		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		RAF Form 2988B		
			Aircraft Ser No: Date:				
<u>SAFETY EQUIPMENT - FITTING</u>			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		(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.	(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		RAF Form 2988B	
			Aircraft Ser No: Date:			
<u>SAFETY EQUIPMENT - FITTING</u>			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		
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.	(1) Route through retaining bracket. (11) Attach to clamp.					
4.8 Emergency oxygen upper supply tube.	(1) 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. (11) 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

SAFETY EQUIPMENT - FITTING

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

NB: This Procedure is applicable only to Mk 6, 6A and 9 Aircraft.

BLOCK 1

WEAPONS

5. Emergency Oxygen Set Fitting

5.1 Servicing diagram (Fig 2).

Read.

5.2 Set complete.

Ensure fitted correctly.

5.3 Emergency oxygen supply tube.

(1) Ensure facing aft routed correctly.

(11) Attach to clamp.

5.4 Emergency oxygen upper supply
tube.

(1) 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.

(11) 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.

TRADESMAN

MAN
HRS
1

INITS
& TDM
2

Brief Details of
Suspected Defect and
SNOW
When Applicable
3

SUPERVISOR
MAN
HRS
4

INITS
& TDM
5

Continued

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			
<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									
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 withdrawal lines.		Ensure connected and routed correctly.									
6.7 F700/Equivalent servicing documents.		Endorse as follows: "Certified Vital Checks 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 pin.		Remove.									

WEAPONS
SP 54A (8)
(1 to 9)
AL 22

SERVICING PROCEDURES
COMPONENT REPLACEMENTS
HUNTER ALL MARKS

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Chap 2

SAFETY EQUIPMENT - FITTING

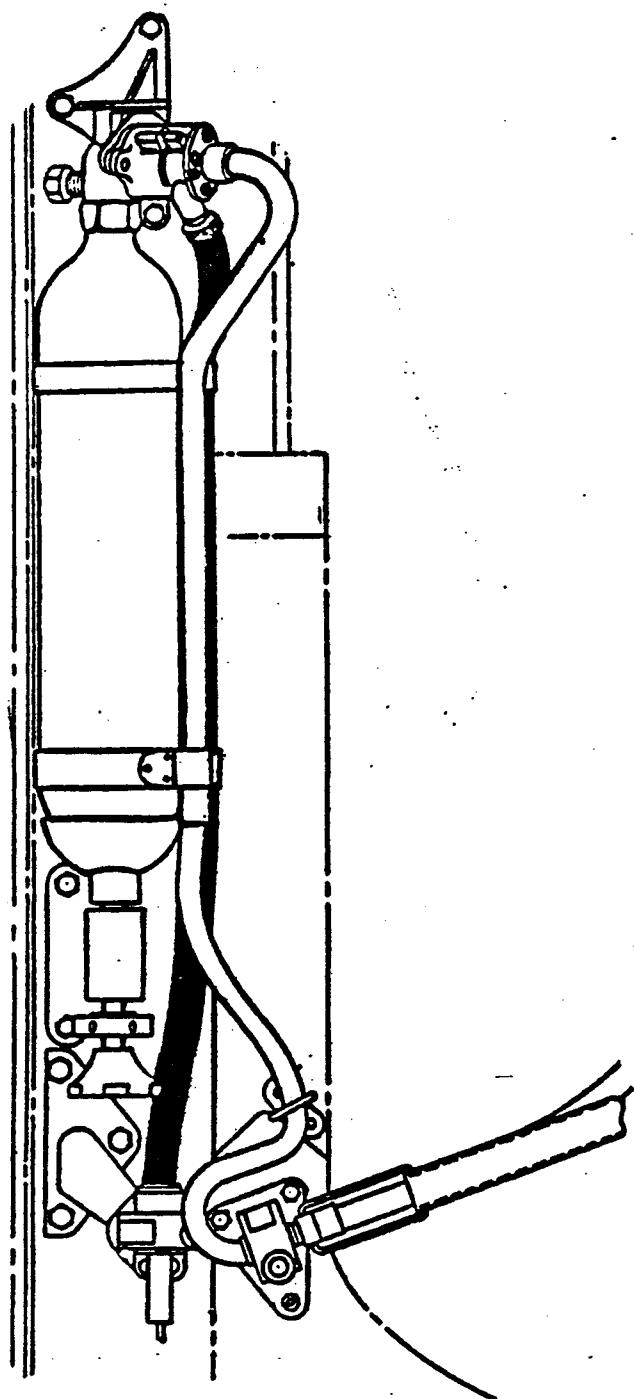


FIG.1.

Arrangement of Emergency Oxygen Supply, Type 2H Seat.

WEAPONS
SP 54A (9)
(1 to 9)
AL 22

SERVICING PROCEDURES
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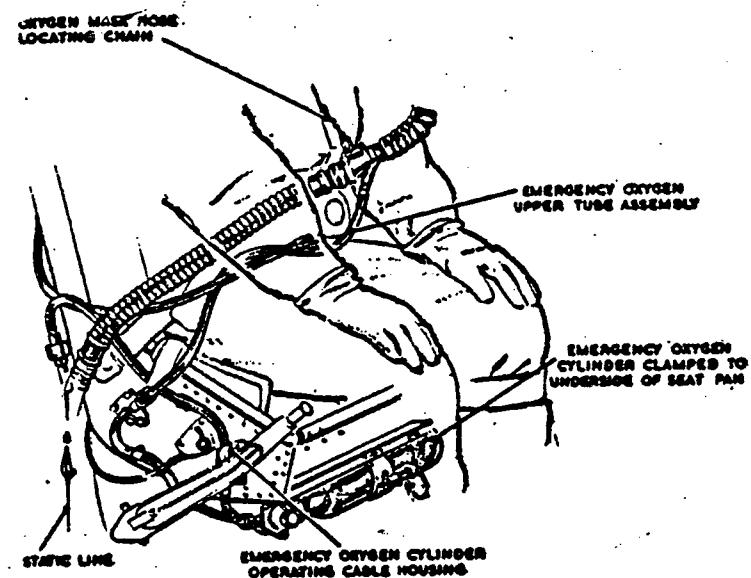


FIG 2 Arrangement of supply (Type 3H Seat).

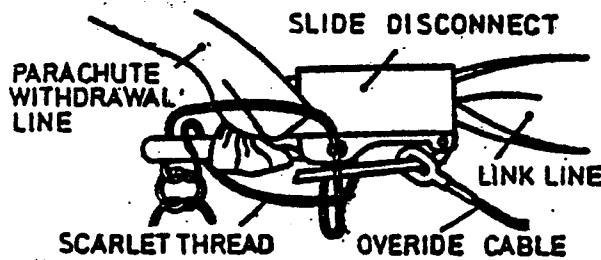


FIG 3 Arrangement of drogue link line, withdrawal line and slide disconnect pin: slide disconnect safe-tied.

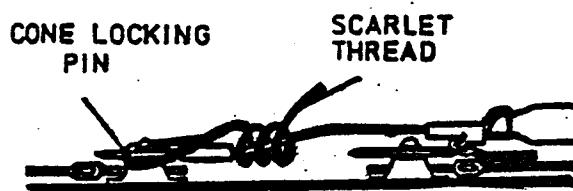


FIG 4 Safe-tie for forward rip cord pin.

SAFETY EQUIPMENT - FITTING

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