

WEAPONS Card 7 (Admt 1)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F <div style="text-align: right;">Sect 2</div> Chap 1 Pulse A		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILS ON THIS CARD					Tradesman		Brief Details of suspected fault(s) and SNOW(s)		Supervisor	
BLOCK 1 WEAPONS					Code		Man Hrs		Certification and TDM	
6. Barostatic Time Release Unit (BTRU)										
6.1 Elastic tension cord.)										
6.2 Inlet connector gas pipe.) Disconnect.										
6.3 HPRU connecting link.)										
6.4 Gas pipe (BTRU to Gas) Disconnect from BTRU. plunger housing).)										
6.4a Clamp gas pipes BTRU to gas) plunger housing and BTDFU. Remove.										
6.5 Gas pipe (Command firing) (i) Remove. connector to BTDFU flexible) (ii) Clean. pipe and NVG microswitch).)										
6.6 BTDFU flexible pipe.)										
Sub-item 6.7 to 6.8 inclusive are only applicable every enhanced maintenance										
6.7 Locking pins and chain assy.) (i) Remove.										
6.8 Gas pipe (BTRU to Gas) (ii) Clean. plunger housing).)										
6.9 BTRU. Remove for bay maintenance.										
Continued										

<div>WEAPONS Card 12 TYPE 10A SERIES</div>		<div>BAY MAINTENANCE AIRCRAFT EJECTION SEAT</div>		<div>DAP109B-0141-5F</div> <div>Sect 2</div> <div>Chap 1 Pulse A</div>	<div>Maintenance Record</div> <div>Aircraft or Equipment Serial No.</div>		<div>MOD Form 707MS (Revised Jan 01)</div> <div>Date:</div>		
INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILS ON THIS CARD					Tradesman		Brief Details of suspected fault(s) and SNOW(s)	Supervisor	
BLOCK 1		WEAPONS		Code	Man Hrs	Certification and TDM		Man Hrs	Certification and TDM
11. Command Firing Connector Assembly									
11.1 Bladder feed flexible pipe. (i) Remove.									
(ii) Clean.									
11.2 Bladder feed flexible pipe '0' seal.) (i) Remove.									
11.3 Side connector internal '0' seal.) (ii) Discard.									
11.4 Non return valve connector '0' seal.)									
11.5 Manual separation connector '0' seal.)									
Continued									

WEAPONS Card 13 (Arndt 8)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse A		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILS ON THIS CARD					Tradesman		Brief Details of suspected fault(s) and SNOW(s)		Supervisor	
BLOCK 1 WEAPONS					Code	Man Hrs	Certification and TDM			
Items 12 and 13 are only applicable every enhanced maintenance.										
12. Command Firing Connector Assembly										
12.1 Bladder feed connector gas union. Disconnect.										
12.2 Command Firing Connector Assembly. Remove from main beam.										
12.3 Quick release pin and chain.) (i) Remove.										
12.4 Side connector.) (ii) Clean.										
12.5 Side connector end cap.)										
12.6 Shuttle valve spring.)										
12.7 Shuttle valve.)										
12.8 Seat firing connector.)										
12.9 Bladder feed connector.)										
12.10 Mounting plate assy.)										
12.11 Non return valve/HPRU connector assembly.)										
12.12 Non return valve body.)										
12.13 Non return valve spring.)										
12.14 Non return valve piston.)										
Continued										

WEAPONS Card 15 (Amdt 1)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse A		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
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BLOCK 1 WEAPONS					Code	Man Hrs	Certification and TDM			
14. Drogue Link Gas Plunger Housing										
Prior to disassembly the gas plunger housing's retaining nut and end cap torque witness mark is to be checked for integrity and the findings reported to the Crew Escape Systems Team (CEST).										
14.1 Burst disc. (i) Remove. (ii) Clean.										
Sub-items 14.2 to 14.7 are only applicable every enhanced maintenance.										
14.2 Cap end.) (i) Remove. 14.3 Washer Anti rebound (2 off).) (ii) Clean. 14.4 Drogue link.) 14.5 Piston.)										
14.6 Piston' O'seal . (i) Remove. 14.7 Piston Lip Seal (ii) Discard.										
BLOCK 2 WEAPONS										
0. NVG Plunger Housing										
Item 15 is only applicable every enhanced maintenance.										
15.1 NVG Gas Connector. (i) Remove. 15.2 Gas operated piston. (ii) Clean.										
15.3 NVG Gas Connector 'O' seal (i) Remove. 15.4 Gas operated piston. 'O' seal (ii) Discard.										
Continued										

WEAPONS Card 31 (Amdt 9)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse B		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILS ON THIS CARD					Tradesman		Brief Details of suspected fault(s) and SNOW(s)		Supervisor	
BLOCK 1 WEAPONS					Code	Man Hrs	Certification and TDM			
Items 39 and 40 are only applicable every enhanced maintenance										
39. Drogue Link Gas Plunger Housing										
39.1 Burst-disc.) 39.2 Piston housing.) 39.3 Cap end.) Examine. 39.4 Washer Anti rebound (2 off).) 39.5 Drogue link.) 39.6 Piston.)										
39.7 Piston 'O' seal.) (i) Lubricate new item 39.8 Piston lip seal.) (AP109A-0100-6).) (ii) Fit new item.										
39.9 Burst-disc. (i) Install holding fixture in vice then install retaining nut in holding fixture. (ii) Apply a force of 30 lbf (133.5 N) for 10 seconds using adapter and a suitable force gauge. (iii) Remove retaining nut from holding fixture. Ensure assembly remains secure. (iv) If assembly fails check then replace.										
Continued										

WEAPONS Card 32 (Amdt 9)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse B		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILS ON THIS CARD					Tradesman		Brief Details of suspected fault(s) and SNOW(s)		Supervisor	
BLOCK 2 WEAPONS NCO					Code	Man Hrs	Certification and TDM			
40. Maintenance Check.										
40.1 Sub- items 39.7, 39.8 and 39.9 Inspect.										
BLOCK 1 WEAPONS										
Items 41 and 42 are only applicable every enhanced maintenance.										
41. Drogue Link Gas Plunger Housing										
41.1 Piston.)										
41.2 Drogue Link.) Refit.										
41.3 Washer Anti rebound (2 off).)										
41.4 Cap end. (i) Refit.										
(ii) Torque load 27 Nm.(240 lbf in).										
Item 41.5 is only applicable if the Standard Serviceability Test is to be carried out.										
41.5 Burst Disc. (i) Refit hand tight.										
Item 41.6 is only applicable if the Standard Serviceability Test is not to be carried out.										
41.6 Burst Disc. (i) Refit hand tight.										
(ii) Torque load 27 Nm (240 lbf in).										
BLOCK 2 WEAPONS NCO										
42. Maintenance Check.										
42.1 Item 41. Inspect.										
Continued										

WEAPONS Card 40 (Arndt 1)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse B		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:					
INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILS ON THIS CARD						Tradesman		Brief Details of suspected fault(s) and SNOW(s)		Supervisor			
BLOCK 1 WEAPONS				Code		Man Hrs		Certification and TDM		Man Hrs		Certification and TDM	
Items 52 and 53 are only applicable every enhanced maintenance.													
52. Command Firing Connector Assembly													
52.1 Quick release pin chain.) 52.2 Side connector.) 52.3 Side connector end cap.) 52.4 Shuttle valve spring.) 52.5 Shuttle valve.) 52.6 Seat firing connector.) Examine. 52.7 Bladder feed connector.) 52.8 Mounting plate.) 52.9 Non-return valve/HPRU) connector.) 52.10 Non-return valve body.) 52.11 Non-return valve spring.) 52.12 Non-return valve piston.)													
BLOCK 2 WEAPONS NCO													
53. Maintenance Check													
53.1 Item 52. Inspect.													
Continued													

WEAPONS Card 44 (Arndt 6)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse B		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
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BLOCK 1 WEAPONS					Code	Man Hrs	Certification and TDM			
Items 58 and 59 are only applicable every enhanced maintenance. Items 58 and 59 are to be carried out simultaneously.										
58. Command Firing Connector Assembly										
58.1 Side connector assembly.) 58.2 Seat firing connector.) Refit to mounting plate. 58.3 Non-return valve connector assembly.) 58.4 Bladder feed connector)										
58.5a Command firing connector assembly. Refit.										
58.5b Quick release pin chain. Refit.										
58.6 Bladder feed connector gas union. (i) Ensure free from obstructions. (ii) Reconnect. (iii) Torque load 20.5 to 22.6 N m (180 to 200 lbf in).										
Continued										

WEAPONS Card 45 (Arndt 1)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F <small>Sect 2</small> Chap 1 Pulse B	Maintenance Record Aircraft or Equipment Serial No.			MOD Form 707MS (Revised Jan 01) Date:	
INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILS ON THIS CARD					Tradesman		Brief Details of suspected fault(s) and SNOW(s)	Supervisor	
BLOCK 2 WEAPONS NCO Items 58 and 59 are to be carried out simultaneously.				Code	Man Hrs	Certification and TDM		Man Hrs	Certification and TDM
59. Maintenance Check									
59.1 Item 58. Inspect.									
Continued									

WEAPONS Card 86 (Arndt 1)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse B		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
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BLOCK 1 WEAPONS					Code	Man Hrs	Certification and TDM			
122. Seat Assembly										
122.1 MDC initiator bracket.) 122.2 Gas pipe (BTRU to Gas plunger Housing).) 122.3 Gas pipe (Command firing connector to BTDFU flexible pipe and NVG microswitch).) 122.4 BTDFU flexible pipe.) 122.5 MOR link guard.) 122.6 Bladder feed flexible pipe.)										
BLOCK 2 WEAPONS NCO										
123. Maintenance Check										
123.1 Item 122. Inspect.										
END OF PULSE B										

WEAPONS Card 88 (Arndt 1)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse C		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
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BLOCK 1 WEAPONS					Code	Man Hrs	Certification and TDM			
126. Barostatic Time Release Unit										
Sub-item 126.2 and Item 127 are to be carried out simultaneously.										
126.1 BTRU. Fit bay maintained item.										
126.2 HPRU connecting link.) Reconnect.										
126.3 Elastic tension cord.)										
126.4 Inlet connector gas pipe. (i) Ensure free from obstructions.										
(ii) Reconnect.										
(ii) Torque load 20 to 22.6 N m (177 to 200 lbf in).										
(iii) Lock with wire (0.5 mm).										
126.5 Gas pipe (Command firing connector) (i) Ensure free from obstructions.										
to BTTFDFU flexible pipe and) (ii) Refit.										
NVG microswitch).)										
126.6 BTTFDFU flexible pipe.)										
Continued										

WEAPONS Card 89 (Arndt 4)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse C		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
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BLOCK 1 WEAPONS					Code	Man Hrs	Certification and TDM	Man Hrs	Certification and TDM	
126. Barostatic Time Release Unit (Contd)										
Sub-items 126.7 to 126.9 inclusive are only applicable every enhanced maintenance.										
During sub-item 126.11, ensure that no fouling is present between the Gas pipe (Command firing connector to BTDFU flexible pipe and NVG microswitch) and the BTRU/Main beam assembly.										
126.7 Gas pipe (BTRU to gas plunger housing) 'O' seal.					(i) Lubricate new item (AP109A-0100-6). (ii) Fit new item.					
126.8 Gas pipe (BTRU to gas plunger housing).					(i) Ensure free from obstructions. (ii) Refit.					
126.9 Locking pin and chain assy.					Refit.					
126.10 Gas pipe (BTRU to gas plunger housing) union.					(i) Torque load 19.2 to 22.5 Nm (170 to 199 lbf in). (ii) Lock with wire (0.5 mm).					
126.11 Gas pipe (Command firing connector to BTDFU flexible pipe and NVG microswitch) CFC union.					(i) Torque load 15.3 to 17 Nm (135 to 150 lbf in). (ii) Lock with wire (0.5mm).					
126.12 BTDFU flexible pipe union.										
126.13 NVG microswitch assembly gas pipe connection.					(i) Torque load 10.7 to 11.9 Nm (95 to 105 lbf in). (ii) Lock with wire (0.5 mm).					
126.14 Clamp gas pipe BTRU to gas plunger housing and BTDFU.					Refit.					
Continued										

WEAPONS Card 92 (Arndt 4)		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F <div>Sect 2</div> Chap 1 Pulse C		Maintenance Record Aircraft or Equipment Serial No.		MOD Form 707MS (Revised Jan 01) Date:		
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BLOCK 1		WEAPONS		Code	Man Hrs	Certification and TDM			Man Hrs	Certification and TDM
133. Gas Plunger Housing Assembly										
133.1 Burst disc.		(i) Using finger pressure only, ensure that the retaining sleeve cannot be pulled out of the retaining nut (no tooling is to be used).								
		(ii) Using white marking ink apply a witness mark across the housing, end cap and burst disc.								
BLOCK 2		WEAPONS NCO								
134. Maintenance Check										
134.1 Item 133.		Inspect.								
Continued										

WEAPONS Card 93		BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES		DAP109B-0141-5F Sect 2 Chap 1 Pulse C		Maintenance Record Aircraft or Equipment Serial No.			MOD Form 707MS (Revised Jan 01)		
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						Code	Man Hrs			Certification and TDM	Man Hrs
BLOCK 1 WEAPONS											
135. <u>Bladder feed flexible pipe</u>											
135.1 Bladder feed flexible pipe '0' Seal. (i) Lubricate new item (AP109A-0100-6).											
(ii) Fit new item.											
135.2 Bladder feed flexible pipe Refit.											
135.3 Gas pipe connector. Lock with wire (0.5 mm).											
BLOCK 2 WEAPONS NCO											
136. <u>Maintenance Check</u>											
136.1 Item 135. Inspect.											