| WEAPC Card 7 | AIRCRAFT EJ | ITENANCE DAP109E ECTION SEAT 0A SERIES | 3-0141-5F | Maintena | ince Record | | | DD Form 707MS Revised Jan 01) |
|-------------------|---|--|------------------|-----------------------|-----------------------|-------------------------------------|------------|----------------------------------|
| (Admt 1 |) | | Sect 2 I Pulse A | Aircraft of Serial No | or Equipment o. | | Date: | |
| | IATION IN THE PRELIMINARY PAGES IS DETAILS ON THIS CARD | TO BE COMPLIED WITH THROUGHOUT THE | | Tra | adesman | Brief Details of suspected fault(s) | S | upervisor |
| BLOCK | | WEAPONS | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| 6. | Barostatic Time Release Unit (BTRU) | | | ПІЗ | and i Divi | | ПІЗ | and i Divi |
| 6.1 6.2 6.3 | Elastic tension cord.) Inlet connector gas pipe.) HPRU connecting link.) | Disconnect. | | | | | | |
| 6.4 | Gas pipe (BTRU to Gas) plunger housing). | Disconnect from BTRU. | | | | | | |
| 6.4a | Clamp gas pipes BTRU to gas | | | | | | | |
| | plunger housing and BTDFU. | Remove. | | | | | | |
| 6.5 | Gas pipe (Command firing) | (i) Remove. | | | | | | |
| | connector to BTTDFU flexible) | (ii) Clean. | | | | | | |
| | pipe and NVG microswitch). | | | | | | | |
| | | | | | | | | |
| <mark>6.6</mark> | BTTDFU flexible pipe. | | | | | | | |
| | Sub-item 6.7 to 6.8 inclusive are only a | pplicable 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 | | | | | | |

| WEAPOI Card 12 TYPE 10A | AIRCRAFT E. | NTENANCE JECTION SEAT | DAP109B-014 | 1-5F Sect 2 | | nce Record | | | D Form 707MS evised Jan 01) |
|-------------------------------|---|------------------------------|--------------|----------------|-----------------------|-----------------------|-------------------------------------|------------|--------------------------------|
| | | | Chap 1 Puls | se A | Aircraft of Serial No | r Equipment | 1 | Date: | |
| | ATION IN THE PRELIMINARY PAGES IS | TO BE COMPLIED WITH TH | ROUGHOUT THE | | Tra | desman | Brief Details of suspected fault(s) | S | upervisor |
| BLOCK | 1 | WEAPONS | Co | ode | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| 11. | Command Firing Connector Assembly | 1 | | | | | | | |
| 11.1 (ii) | Bladder feed flexible pipe. | (i) Remove. Clean. | | | | | | | |
| 11.3 11.4 | Bladder feed flexible pipe '0' seal. Side connector internal '0' seal. Non return valve connector '0' seal. Manual separation connector '0' seal. | (i) Remove. (ii) Discard. | | | | | | | |
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| | | | Continued | | | | | | |

| WEAPC Card 13 | AIRCRAFT E TYPE 1 | NTENANCE JECTION SEAT 0A SERIES | DAP109B- | 0141-5F Sect 2 | - Wall to lie | ance Record | MOD Form 707MS (Revised Jan 01) | | |
|---|--|---|-----------|-------------------|--------------------------|-----------------------|-------------------------------------|------------|-----------------------|
| (Arndt 8 |) | | Chap 1 | | Aircraft of Serial No | or Equipment D. | | Date: | |
| | NATION IN THE PRELIMINARY PAGES ORK DETAILS ON THIS CARD | S IS TO BE COMPLIED WITH THI | ROUGHOUT | | Tra | adesman | Brief Details of suspected fault(s) | S | Supervisor |
| BLOCK | | WEAPONS | | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| | Items 12 and 13 are only applicable ev | ery 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 12.4 12.5 12.6 12.7 12.8 12.9 12.10 12.11 12.12 12.13 12.14 | Quick release pin and chain. Side connector. Side connector end cap. Shuttle valve spring. Shuttle valve. Seat firing connector. Bladder feed connector. Mounting plate assy. Non return valve/HPRU connector assembly. Non return valve body. Non return valve spring. Non return valve piston. | (i) Remove. (ii) Clean.)))))))))))))) | | | | | | | |
| | | | Continued | | | | | | |

| WEAF Card | 5 AIRCRAFT EJECTION TYPE 10A SERIE | | DAP109B-0141-5F | 2 Aircraft | ance Record or Equipment | | | D Form 707MS Revised Jan 01) |
|-------------------|--|-----------------------|-----------------|------------|--------------------------|-------------------------------------|------------|---------------------------------|
| | | | Chap 1 Pulse A | Serial No | D. | | Date: | |
| | MATION IN THE PRELIMINARY PAGES IS TO BE ORK DETAILS ON THIS CARD | COMPLIED WITH THRO | UGHOUT | Tr | adesman | Brief Details of suspected fault(s) | S | Supervisor |
| BLOC | K 1 WEAPON | S | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| 14. | Drogue Link Gas Plunger Housing | | | | | | | |
| | Prior to disassembly the gas plunger housing's retorque witness mark is to be checked for integrity the Crew Escape Systems Team (CEST). | | i to | | | | | |
| 14.1 (ii) | Burst disc. (i) | Remove. Clean. | | | | | | |
| | Sub-items 14.2 to 14.7 are only applicable every | enhanced maintenance. | | | | | | |
| 14.2 14.3 | | Remove. Clean. | | | | | | |
| <mark>14.4</mark> | Drogue link. | Clean. | | | | | | |
| <mark>14.5</mark> | Piston. | | | | | | | |
| <mark>14.6</mark> | | Remove. | | | | | | |
| <mark>14.7</mark> | Piston Lip Seal (ii) | Discard. | | | | | | |
| BLOC | K 2 WEAPON | S | | | | | | |
| 0. | NVG Plunger Housing | | | | | | | |
| | Item 15 is only applicable every enhanced mainter | nance. | | | | | | |
| 15.1 | NVG Gas Connector. (i) | Remove. | | | | | | |
| 15.2 | Gas operated piston. (ii) | Clean. | | | | | | |
| 15.3 15.4 | NVG Gas Connector '0' seal (i) Gas operated piston. '0' seal (ii) | | | | | | | |
| | | 1 | Continued | | | | | |

| WEAPO Card 31 (Amdt 9 | AIRCRAFT EJ TYPE 10 | | DAP109B-0 Chap 1 I | Sect 2 | | r Equipment | | | D Form 707MS evised Jan 01) |
|--|---|---|---|--------|------------|-----------------------|-----------------------------------|------------|--------------------------------|
| | MATION IN THE PRELIMINARY PAGES I ORK DETAILS ON THIS CARD | S TO BE COMPLIED WITH TH | HROUGHOUT | | Tra | adesman | Brief Details of | S | upervisor |
| BLOCK | | VEAPONS | | Code | Man Hrs | Certification and TDM | suspected fault(s) and SNOW(s) | Man Hrs | Certification and TDM |
| 39. | Items 39 and 40 are only applicable even Drogue Link Gas Plunger Housing | ery enhanced maintenance | | | | | | | |
| 39.1 39.2 39.3 39.4 39.5 39.6 | Burst-disc. Piston housing. Cap end. Washer Anti rebound (2 off). Drogue link. Piston. | Examine. | | | | | | | |
| 39.7 39.8) | Piston '0' seal.) Piston lip seal.) | (i) Lubricate new item (AP109A-0100-6). (ii) Fit new item. | | | | | | | |
| 39.9 | Burst-disc. | (i) Install holding fixture install retaining nut in fixture. (ii) Apply a force of 30 I for 10 seconds using and a suitable force (iii) Remove retaining nut fixture. Ensure assesecure. (iv) If assembly fails chethen replace. | n holding lbf (133.5 N) g adapter gauge. ut from holding embly remains | | | | | | |
| | | | Continued | | | | | | |

| WEAPO Card 32 (Amdt 9) | AIRCR/ | Y MAINTENANO AFT EJECTION YPE 10A SERIE | SEAT | 09B-0141-5F Sect 2 | | ance Record or Equipment | | MOD Form 707M (Revised Jan 01 | | |
|------------------------------|---|---|---|-----------------------|------------|--------------------------|-------------------------------------|----------------------------------|-----------------------|--|
| (Alliat 9) |) | | Cha | p 1 Pulse B | Serial No | | | Date: | | |
| | ATION IN THE PRELIMINARY PA | GES IS TO BE (| COMPLIED WITH THROUGHOUT 1 | HE | Tra | adesman | Brief Details of suspected fault(s) | | Supervisor | |
| BLOCK | | WEAPONS I | NCO | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM | |
| 40. | Maintenance Check. | | | | | | | | | |
| 40.1 | Sub- items 39.7, 39.8 and 39.9 | Inspe | ect. | | | | | | | |
| BLOCK | 1 | WEAPON | IS | | | | | | | |
| | Items 41 and 42 are only applica | ble every enha | nced maintenance. | | | | | | | |
| 41. | Drogue Link Gas Plunger Housi | ng | | | | | | | | |
| 41.1 41.2 41.3 | Piston. Drogue Link. Washer Anti rebound (2 off). |)) Refit.) | l | | | | | | | |
| 41.4 (ii) | Cap end. | (i) | Refit. Torque load 27 Nm.(240 lbf in). | | | | | | | |
| | Item 41.5 is only applicable if the | Standard Serv | viceability Test is to be carried out | t. | | | | | | |
| 41.5 | Burst Disc. | (i) | Refit hand tight. | | | | | | | |
| | Item 41.6 is only applicable if the carried out. | e Standard Serv | viceability Test is not to be | | | | | | | |
| 41.6 (ii) | Burst Disc. | (i) | Refit hand tight. Torque load 27 Nm (240 lbf in). | | | | | | | |
| BLOCK | 2 | WEAPON | S NCO | | | | | | | |
| 42. | Maintenance Check. | | | | | | | | | |
| 42.1 | Item 41. | Inspe | ect. Continu | ed | | | | | | |

| WEAPO Card 40 | AIF | BAY MAINTENANCE RCRAFT EJECTION SEAT | DAP109B-0141 | -5F Sect 2 | Maintena | ince Record | | | DD Form 707MS Revised Jan 01) |
|---|--|---|--------------|---------------|-----------------------|-----------------------|-------------------------------------|------------|----------------------------------|
| (Arndt 1 |) | TYPE 10A SERIES | Chap 1 Puls | | Aircraft of Serial No | or Equipment | ı | Date: | |
| | IATION IN THE PRELIMINARY DETAILS ON THIS CARD | Y PAGES IS TO BE COMPLIED WITH THROUG | SHOUT THE | | Tra | idesman | Brief Details of suspected fault(s) | S | upervisor |
| BLOCK | | WEAPONS | Co | de | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| Ite | ms 52 and 53 are only applic | able every enhanced maintenance. | | | | | | | |
| 52. | Command Firing Connector | Assembly | | | | | | | |
| 52.1 52.2 52.3 52.4 52.5 52.6 <mark>52.7</mark> 52.8 52.9 | Quick release pin chain. Side connector. Side connector end cap. Shuttle valve spring. Shuttle valve. Seat firing connector. Bladder feed connector. Mounting plate. Non-return valve/HPRU |)))) ()) Examine.)) ector. | | | | | | | |
| 52.10 | Non-return valve body. |) | | | | | | | |
| 52.11 52.12 | Non-return valve spring. Non-return valve piston. |) | | | | | | | |
| BLOCK | | WEAPONS NCO | | | | | | | |
| 53. | Maintenance Check | | | | | | | | |
| 53.1 | Item 52. | Inspect. | | | | | | | |
| | | | Continued | | | | | | |

| WEAPC Card 44 (Arndt 6 | AIRCRAFT E | BAY MAINTENANCE DAP AIRCRAFT EJECTION SEAT TYPE 10A SERIES | | -0141-5F Sect 2 | | ance Record | | _ | DD Form 707MS Revised Jan 01) |
|------------------------------|--|--|--|--------------------|-----------------------|-----------------------|-------------------------------------|------------|----------------------------------|
| (Amar (|) | UA SERIES | Chap 1 | Pulse B | Aircraft Serial No | or Equipment o. | | Date: | |
| | IATION IN THE PRELIMINARY PAGES DETAILS ON THIS CARD | IS TO BE COMPLIED WIT | TH THROUGHOUT THE | | Tra | adesman | Brief Details of suspected fault(s) | S | upervisor |
| BLOCK | | WEAPONS | | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| | Items 58 and 59 are only applicable e | very enhanced maintena | ince. | | | | | | |
| | Items 58 and 59 are to be carried out | simultaneously. | | | | | | | |
| 58. | Command Firing Connector Assembly | | | | | | | | |
| 58.1 58.2 58.3 | Side connector assembly. Seat firing connector. Non-return valve connector assembly. |) Refit to mounting p) | olate. | | | | | | |
| 58.4 | Bladder feed connector | j , | | | | | | | |
| 58.5a | Command firing connector assembly. | Refit. | | | | | | | |
| 58.5b | Quick release pin chain. | Refit. | | | | | | | |
| 58.6 | Bladder feed connector gas union. | (ii) Reconnect. | rom obstructions. I 20.5 to 22.6 N IO lbf in). | | | | | | |
| | | | | | | | | | |
| | | | Continued | | | | | | |

| WEAPONS Card 45 | BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES | DAP109B-0141-5F Sect 2 | | | | MOD Form 707MS (Revised Jan 01) | | | |
|--------------------|--|---------------------------|-----------------------|-----------------------|-------------------------------------|------------------------------------|-----------------------|--|--|
| (Arndt 1) | TIPE IVA SERIES | Chap 1 Pulse B | Aircraft Serial No | or Equipment D. | | Date: | | | |
| | ON IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH TH AILS ON THIS CARD | ROUGHOUT THE | Tr | adesman | Brief Details of suspected fault(s) | S | upervisor | | |
| BLOCK 2 | WEAPONS NCO | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM | | |
| | ems 58 and 59 are to be carried out simultaneously. | | | | | | | | |
| | m 58. Inspect. | | | | | | | | |
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| | | Continued | | | | | | | |

| WEAPO Card 86 (Arndt 1 | AIRCRAFT | AINTENANCE EJECTION SEAT 10A SERIES | DAP109B-0141-5F Sect 2 Chap 1 Pulse B | | or Equipment | | MOD Form 707MS (Revised Jan 01) Date: | | | |
|--|---|---|---|-----|---------------|--------------------------------|---|-----------|--|--|
| | ATION IN THE PRELIMINARY PAGES | IS TO BE COMPLIED WITH | THROUGHOUT THE | | ndesman | Brief Details of | s | upervisor | | |
| BLOCK | DETAILS ON THIS CARD 1 | WEAPONS | Code | Man | Certification | suspected fault(s) and SNOW(s) | V(s) Man Cer | | | |
| 122. | Seat Assembly | | | Hrs | and TDM | | Hrs | and TDM | | |
| 122.1 122.2 122.3 122.4 122.5 122.6 | MDC initiator bracket. Gas pipe (BTRU to Gas plunger Housing). Gas pipe (Command firing connecto to BTDFU flexible pipe and NVG microswitch). BTDFU flexible pipe. MOR link guard. Bladder feed flexible pipe. |) Examine.)))) | | | | | | | | |
| BLOCK | | WEAPONS NCO | | | | | | | | |
| 123. | Maintenance Check | | | | | | | | | |
| 123.1 | Item 122. | Inspect. | | | | | | | | |
| END OF | PULSE B | | | | | | | | | |
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| WEAPO Card 88 (Arndt ' | AIRCRAF | T EJE | TENAN ECTION SERIE | SEAT S | Sect 2 1 Pulse C | | ance Record or Equipment o. | 1 | | DD Form 707MS Revised Jan 01) |
|------------------------------|--|-----------|------------------------------|--|---------------------|------------|-----------------------------------|-------------------------------------|------------|----------------------------------|
| | IATION IN THE PRELIMINARY PAGE DETAILS ON THIS CARD | S IS T | O BE C | COMPLIED WITH THROUGHOUT TH | E | Tra | adesman | Brief Details of suspected fault(s) | S | Supervisor |
| BLOCK | | W | EAPON | IS | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| 126. | Barostatic Time Release Unit | | | | | | | | | |
| | Sub-item 126.2 and Item 127 are to | be ca | rried o | ut simultaneously. | | | | | | |
| 126.1 | BTRU. | | Fit ba | ay maintained item. | | | | | | |
| 126.2 126.3 | HPRU connecting link. Elastic tension cord. |) | Reco | nnect. | | | | | | |
| 126.4 | Inlet connector gas pipe. | | (i) (ii) (ii) (iii) | Ensure free from obstructions. Reconnect. Torque load 20 to 22.6 N m (177 to 200 lbf in). Lock with wire (0.5 mm). | | | | | | |
| 126.5 | Gas pipe (Command firing connect to BTTDFU flexible pipe and NVG microswitch). | or)) | (i) (ii) | Ensure free from obstructions. Refit. | | | | | | |
| 126.6 | BTTDFU flexible pipe. | Ś | | | | | | | | |
| | | | | Continued | | | | | | |

| WEAPO Card 89 | AIRCRAFT EJ | ECTION | SEAT | | Mainten | ance Record | | | DD Form 707MS Revised Jan 01) |
|------------------|---|-------------|---|---------|-----------------------|-----------------------|-------------------------------------|------------|----------------------------------|
| (Arndt 4 | I) TYPE 10A | SERIES | | Pulse C | Aircraft Serial No | or Equipment o. | | Date: | |
| | IATION IN THE PRELIMINARY PAGES IS | то ве с | OMPLIED WITH THROUGHOUT THE | | Tr | adesman | Brief Details of suspected fault(s) | S | upervisor |
| BLOCK 126. | | /EAPON | S | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM |
| | Sub-items 126.7 to 126.9 inclusive are o | nly appl | icable every enhanced maintenance. | | | | | | |
| | During sub-item 126.11, ensure that no (Command firing connector to BTDFU fl the BTRU/Main beam assembly. | | | | | | | | |
| 126.7 | Gas pipe (BTRU to gas plunger housing) '0' seal. | (i) (ii) | Lubricate new item (AP109A-0100-6). Fit new item. | | | | | | |
| 126.8 | Gas pipe (BTRU to gas plunger housing). | (i) (ii) | Ensure free from obstructions. Refit. | | | | | | |
| 126.9 | Locking pin and chain assy. | Refit. | | | | | | | |
| 126.10 | Gas pipe (BTRU to gas plunger housing) union. | (i) (ii) | Torque load 19.2 to 22.5 Nm (170 to 199 lbf in). Lock with wire (0.5 mm). | | | | | | |
| 126.11 | Gas pipe (Command firing) connector to BTDFU flexible pipe) and NVG microswitch) CFC union.) | (i) (ii) | Torque load 15.3 to 17 Nm (135 to 150 lbf in). Lock with wire (0.5mm). | | | | | | |
| 126.12 | BTDFU flexible pipe union. | | | | | | | | |
| 126.13 126.14 | NVG microswitch assembly gas pipe connection. Clamp gas pipe BTRU to gas | (i) (ii) | Torque load 10.7 to 11.9 Nm (95 to 105 lbf in). Lock with wire (0.5 mm). | | | | | | |
| | plunger housing and BTDFU. | Refit. | Continued | | | | | | |

| WEAPONS Card 92 (Arndt 4) | BAY MAINTENANCE DAP109E AIRCRAFT EJECTION SEAT TYPE 10A SERIES Chan | -0141-5F Sect 2 Pulse C | | ance Record or Equipment | | MOD Form 707MS (Revised Jan 01) | | |
|--|--|-------------------------------|------------|--------------------------|-------------------------------------|------------------------------------|-----------------------|--|
| | | i uise C | Serial No. | | 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) | Supervisor | | |
| BLOCK 1 | WEAPONS | Code | Man Hrs | Certification and TDM | and SNOW(s) | Man Hrs | Certification and TDM | |
| 133. Gas Plunge | er Housing Assembly | | 10 | una ibiii | | 1110 | una ibiii | |
| 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. Maintenand | ce Check | | | | | | | |
| | | | | | | | | |
| 134.1 Item 133. | Inspect. | | | | | | | |
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| | Continued | | | | | | | |

| WEAPO Card 93 | AIRCRAFT | BAY MAINTENANCE AIRCRAFT EJECTION SEAT TYPE 10A SERIES | | DAP109B-0141-5F Sect 2 Chap 1 Pulse C | | All Clait Of | | | MOD Form 707MS (Revised Jan 01) | |
|---|--------------------------------------|--|------------------------------------|---|-------------|------------------------------------|-------------------------------------|--|------------------------------------|--|
| | | | | | | nt Serial No. Iesman | Date: Brief Details of Supervi | | upervisor | |
| INFORMATION IN THE PRELIMINARY PAGES IS TO BE COMPLIED WITH | | | | | | | suspected fault(s) | | | |
| THROUGHOUT THE WORK DETAILS ON THIS CARD BLOCK 1 WEAPONS | | | Code Man Certification Ars and TDM | | and SNOW(s) | Man Hrs | Certification and TDM | | | |
| 135. | Bladder feed flexible pipe | | | | | | | | | |
| 135.1 | Bladder feed flexible pipe '0' Seal. | (i) Lubricate new item | | | | | | | | |
| | | (ii) Fit new item. | (AP109A-0100 | <mark>-6).</mark> | | | | | | |
| 135.2 | Bladder feed flexible pipe | Refit. | | | | | | | | |
| 135.3 | Gas pipe connector. | Lock with wire (0.5 mm). | | | | | | | | |
| вьоск | 2 | WEAPONS NCO | | | | | | | | |
| <mark>136.</mark> | Maintenance Check | | | | | | | | | |
| 136.1 | Item 135. | Inspect. | | | | | | | | |
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