

PROPULSION

SERVICING PROCEDURES
COMPONENT REPLACEMENTS
HUNTER ALL MARKS
AMENDED TO INCLUDE MK 9

AP101B-1300-5A3A

Sect 1

Chap 4

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PROPULSION SP 81A (1) (1 to 12) (AL 22)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
ECU 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 P,AF, EL	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP1, 407, 415, 481, 485		Code					
Special Tools and Equipment:											
Removable Rail, 26FX/95423											
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.											
BLOCK 1 PROPULSION											
1. Preparation 1.1 Battery master switch.)Ensure set to 'OFF'. 1.2 LP fuel cock)											
BLOCK 2 ELECTRICAL											
2. Preparation 2.1 Lead acid batteries. Disconnect. 2.2 HE ignition fuzes. Remove. 2.3 Plugs and sockets) (Engine services).) 2.4 HE Ignition units)Disconnect LT leads.)											
Continued											

PROPULSION SP 81A (2) (1 to 12) AL 26		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
ECU 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		ELECTRICAL							
2. <u>Preparation</u> (Cont)									
2.5 Starter ignition) unit LT lead.)									
2.6 Starter overspeed)Disconnect relay cable (Frame 26).)									
2.7 HE ignition leads.) (1) Disconnect at igniters. (11) Ensure clear of ECU.									
BLOCK 2		AIRFRAME							
3. <u>Preparation</u>									
3.1 Rear fuselage. Remove. (SP1).									
BLOCK 3		PROPULSION							
4. <u>Removal</u>									
4.1 Starter fuel flexible pipe.)									
4.2 Starter air flexible pipe.)Disconnect in starter access bay Note: A small)quantity of Avpin will spill from fuel pipe.									
4.3 Breather pipe. (1) Disconnect through Starboard igniter access panel.									
				Continued					

PROPULSION SP 81A (3) (1 to 12) AL 26		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
<u>ECU 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 PROPULSION 4. <u>Removal</u> (Cont) 4.4 Throttle control rod. (11) Pull outwards clear of engine. (1) Disconnect at engine with throttle selected half open. 4.5 Gun/camera heating flexible pipe. (11) Secure clear of engine. (1) Disconnect at engine. 4.6 Idling adjustment screw. (11) Pull down and secure clear of airframe. Screw fully in, noting number of turns. 4.7 ECU combined overboard fuel drain pipe.))Remove. 4.8 Fuel pressure switch pipe.)Note: Approximately 4 pints AVTUR/AVTAG will 4.9 Oil cooler drain pipe.)spill on removal of fuel delivery pipe. 4.10 Ventilation duct.) 4.11 Fuel delivery pipe.) Sub-items 4.12 to 4.14 inclusive are applicable only to Pre-Mod GB1053 gearbox drives. 4.12 Gearbox drive spring Pull back. loaded lock ring. 4.13 Shaft retaining nut. Unscrew. 4.14 Gearbox drive. Uncouple.											
						Continued					

PROPULSION SP 81A (4) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: _____ Date: _____			
<u>ECU 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 PROPULSION									
4. <u>Removal</u> (Cont) Sub-item 4.15 is applicable only to Post Mod GB 1053 gearbox drives. 4.15 Universal drive bolts. Remove. (4 off). 4.16 Fuel system pressuriza-) tion flexible pipe.) 4.17 Cabin pressurization)Disconnect at airframe connection. flexible pipe.) 4.18 Bleed valve sealing flange. (i) Withdraw clear of engine. (ii) Rotate shaft ¼ turn to lock.									
BLOCK 2 PROPULSION NCO									
5. <u>Removal</u> 5.1 Removable rail. (i) Examine. (ii) Secure between Frames 34 and 37. (iii) Adjust to contact engine front roller. 5.2 ECU removal trolley. (i) Position. (ii) Align with engine rear roller. (iii) Ensure level. (iv) Lock to Frame 40A.									
				Continued					

PROPULSION SP 81A (5) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
ECU 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 PROPULSION 6. <u>Removal</u> 6.1 Engine front mountings. (i) Remove lock pins and nuts. (ii) Adjust engine rail height until bolts are free to turn. (iii) Remove bolts. (iv) Secure mounting arms clear of engine. 6.2 Engine mounting trunnion) cap securing bolts.) 6.3 Engine mounting trunnion)Remove. cap locating bolts.) 6.4 Turbine drain pipe.)											
BLOCK 2 PROPULSION NCO During Item 7 starter flexible pipes and electrical cable are to be passed through to engine compartment. 7. <u>Removal</u> 7.1 ECU. Withdraw from fuselage ensuring slow running adjustment screw clears Frame 38.											
<div style="float: right;">Continued</div>											

PROPULSION SP 81A (6) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
<u>ECU 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 PROPULSION 8. <u>Examination</u> NB: Sub-item 8.1 is applicable only if ECU is not being replaced. 8.1 ECU. (043808). (1) Look for signs of gas leakage. (11) Examine and particularly turbine and compressor blades for damage. 8.2 Oil pressure filter element. (044003). (1) Remove. (11) Examine. (111) Clean. (1v) Refit. 8.3 Idling adjustment. Screw out by the number of turns as noted in Sub-item 4.6. 8.4 ECU compartment. (1) Clean. (11) Examine. 8.5 Intake seal.) 8.6 Starter seal.)Examine. (Frame 27).) 8.7 Starter fairing and housing.) (1) Clean. 8.8 ECU mounting brackets.)(11) Examine.									
				Continued					

PROPULSION SP 81A (7) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
<u>ECU 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		PROPULSION							
8. <u>Examination (Cont)</u> 8.9 Compressor vent outlet ducts Look for cracks and corrosion. and lower vent brackets. (040307). 8.10 Fuel system pipelines.) (ECU compartment).) 8.11 Fuel pressurization)Examine and particularly at Frame 32. pipelines.) 8.12 Universal drive couplings. Lubricate. (044408 and 044410). (Grease, ANDOX-260). 8.13 SPE Non-return valve. Check integrity. (27FS/1455562)(045306) (SP485). 8.14 Fire extinguisher pipelines (1) Examine. and spray pipes. (11) Clean using compressed air. 8.15 Fire extinguisher pipelines supporting clips and Examine. packing.									
				Continued					

PROPULSION SP 81A (8) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: _____ Date: _____			
<u>ECU 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 9. <u>Examination</u> 9.1 Throttle lever. (Upper group 26FX/6228). 9.2 Throttle/HP cock control rods ball ends. (26FX/9679 and 26FX/9681). 9.3 Engine controls. 9.4 Conduit at Frame 32.		PROPULSION NCO Examine and particularly for wear in fulcrum pillar. Examine and particularly for excessive movement. Examine. Examine and particularly for chafing with with fairlead removed.							
BLOCK 2 10. <u>Examination</u> 10.1 Hydraulic pipes supporting clips and packing.		AIRFRAME Examine and particularly the 3 hydraulic ground test pipes passing through the sealing plate 26FX/8180 Pt No 2172989 located at Frame 30 in the 5 o'clock position looking forward.							
<div style="text-align: right;">Continued</div>									

PROPULSION SP 81A (9) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
ECU 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 PROPULSION NCO 10. <u>Examination Cont</u> 10.2 Pre-cooler.) Examine and particularly for damage to seals at) forward face. 10.3 Inter-cooler.) 10.4 Hydraulic reservoir and) components.) Examine. 10.5 Air conditioning pipelines) and rubber connections.) 10.6 Airbrake flexible hoses (1) Examine and particularly for chafing at (2 off). (011506) (Pt No Frame 39. A207956). (11) Ensure PVC sleeving correctly positioned.											
BLOCK 2 AIRFRAME Item 11 is applicable only if seals were found to be damaged in Sub-items 10.2 and 10.3. 11. <u>Rectification</u> 11.1 Pre-cooler.) Remove. 11.2 Inter-cooler.)											
						Continued					

PROPULSION SP 81A (10) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 29888	
ECU 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		AIRFRAME							
11. <u>Rectification Cont</u> 11.3 Seal 26 FX/7071.		(i) Renew, using rivets 28Q/1012788. (ii) Seal corners, (Sealant, EC 776, 33H/224038.							
11.4 Pre-cooler.) Refit.							
11.5 Inter-cooler.)							
BLOCK 2		AIRFRAME							
Item 12 is applicable only to aircraft Post Mod 702.									
12. <u>Examination</u>									
12.1 Turret drive arm top mounting bracket attachment bolts (010307).		Look for loose bolts (SP 407).							
BLOCK 3		ELECTRICAL							
13. <u>Examination</u>									
13.1 Cables and connectors. Examine (ECU compartment) (036009),									
								Continued	

PROPULSION SP 81A (11) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
ECU 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 13. <u>Examination Cont</u> 13.2 Firewire elements (035502).		ELECTRICAL (i) Examine and particularly for signs of kinking chafing and mechanical damage. (ii) Ensure that, except at clipping points, elements are spaced at least 0.25 in from adjacent surface throughout their length. (iii) Examine rubber bushes and 'P' clips, particularly for deterioration and damage. (iv) Check insulation and continuity resistance (AP107E-0102-1).							
BLOCK 2 14. <u>ECU Compartment</u> 14.1 Hymatic pressure reducing valves (Type 48/12).		PROPULSION Ensure piston movement is full and free.							
BLOCK 3 Item 15 is applicable only to drive transfer arms Pre Mod GB 823.		PROPULSION							
								Continued	

PROPULSION SP 81A (12) (1 to 12) AL 22		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
<u>ECU 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 PROPULSION											
15. Examination 15.1 Oil Jet (044405). Ensure clear (SP481).											
BLOCK 2 PROPULSION											
16. IPN Starter 16.1 Starter. (1) Clean. (11) Examine.											
NB: Sub-item 16.2 is applicable only if ECU is being replaced. 16.2 Starter. Remove for transfer to replacement ECU. NB: Sub-item 16.3 is applicable only if ECU is being replaced. 16.3 Engine coupling. Remove for transfer to replacement ECU.											
											Continued

PROPULSION SP 82A (1) (1 to 9) (AL 29)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: _____ Date: _____			
ECU INSTALLATION						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 PROP, AF,EL, AC	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP2, SP211, SP215, SP488		Code					
<u>Special Tools and Equipment:</u> Removable Rail, 26FX/95423											
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.											
BLOCK 1 PROPULSION Item 1 is applicable only if ECU is replaced. 1. <u>Preparation</u> 1.1 Starter.											
(i) Examine and particularly for signs of cracking at rear bearing housing attachment lugs (044203). (ii) Fit. (iii) Prime with 100 cm ³ Oil (Oil OX-38). 1.2 Engine coupling. Fit.											
										Continued	

PROPULSION SP 82A (2) (1 to 9) AL 29		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:																
ECU INSTALLATION						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 and 9 aircraft.																						
BLOCK 1 PROPULSION 2. <u>Preparation</u> 2.1 Overspeed relay cable Test. (034201). NB: During Sub-item 2.2 the gate valve actuator is to be energised from an external power supply connected as follows:																						
<table border="1"> <tr> <td>Plug C6</td> <td>Mk 9</td> <td>Mk 6 and 6A</td> </tr> <tr> <td>Opening:</td> <td>Positive to Pin L</td> <td>Positive to Pin D</td> </tr> <tr> <td>Closing:</td> <td>Positive to Pin G</td> <td>Positive to Pin E</td> </tr> <tr> <td>Common:</td> <td>Pin H</td> <td>Pin A</td> </tr> </table>						Plug C6	Mk 9	Mk 6 and 6A	Opening:	Positive to Pin L	Positive to Pin D	Closing:	Positive to Pin G	Positive to Pin E	Common:	Pin H	Pin A					
Plug C6	Mk 9	Mk 6 and 6A																				
Opening:	Positive to Pin L	Positive to Pin D																				
Closing:	Positive to Pin G	Positive to Pin E																				
Common:	Pin H	Pin A																				
2.2 Gate valve actuator Operate (Twice). (De-icing).																						

PROPULSION SP 82A (3) (1 to 9) AL 2		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
<u>ECU INSTALLATION</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 and 9 aircraft.													
BLOCK 1													
PROPULSION													
3. <u>Preparation</u>													
3.1 ECU.													
(i) Examine and particularly for loose articles.													
(ii) Ensure starter motor attachment bolts are secure.													
3.2 IGV ram connecting rod and coupling sleeve.													
Ensure locked together by attempting to turn connecting rod with spanner.													
3.3 Idling adjustment screw.													
Screw fully in noting number of turns.													
3.4 ECU compartment and air intakes.													
(i) Examine.													
(ii) By use of vacuum cleaner ensure areas clear of all foreign matter.													
3.5 ECU removal trolley (with ECU).													
(i) Position in line with roller rails.													
(ii) Ensure level.													
(iii) Secure to Frame 40A.													
3.6 Removable rail.													
Secure between Frame 34 and 37.													
During Sub-item 3.7 starter flexible pipes and electrical cables are to be passed through to starter compartment.													
3.7 ECU.													
Insert into fuselage ensuring slow running adjustment screw clears Frame 38.													
3.8 Cabin pressurizing and fuel pressurization pipes.													
Ensure aligned.													
										Continued			

PROPULSION SP 82A (4) (1 to 9)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
ECU INSTALLATION						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 and 9 aircraft.											
BLOCK 1		ELECTRICAL									
4. <u>Preparation</u> 4.1 Overspeed relay cable (034201).		Test.									
BLOCK 2		PROPULSION									
5. <u>Installation</u> 5.1 Rear trunnion cap securing) bolts and locating bolts.) Fit. 5.2 Turbine drain pipe.)											
BLOCK 3		PROPULSION									
6. <u>Installation</u> 6.1 ECU front mountings. 6.2 ECU front mounting bolts. 6.3 Twin gate valve seals. 6.4 Removable rail.		Swing inboard to align with mounting bolts. Fit. Examine. Remove.									

Continued

PROPULSION SP 82A (5) (1 to 9)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
ECU INSTALLATION						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 and 9 aircraft.											
BLOCK 1		AIRFRAME									
7. <u>Installation</u> 7.1 Rear fuselage.		Refit (SP2).									
BLOCK 2		PROPULSION NCO									
8. <u>Installation</u> 8.1 Starter exhaust pipe (044208).		(i) Align correctly ensuring gap between exhaust pipe and starter pump is not less than $\frac{1}{4}$ in. (ii) Ensure rear beading of starter exhaust pipe is entered in parallel portion of airframe exhaust pipe. (iii) Examine (SP 488).									
BLOCK 3		PROPULSION									
9. <u>Installation</u> 9.1 Starter fuel pipe.) 9.2 Starter air pipe.) Reconnect. 9.3 Breather pipe.)											
Continued											

PROPULSION SP 82A (6) (1 to 9)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
ECU INSTALLATION						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 and 9 aircraft.											
BLOCK 1 PROPULSION 10. <u>Installation</u> 10.1 ECU combined overboard fuel) drain pipe.) 10.2 Fuel pressure switch pipe.) Refit. 10.3 Oil cooler drain pipe.) 10.4 Ventilation duct.) 10.5 Fuel delivery pipe.)											
BLOCK 2 PROPULSION Item 11 is applicable only to Pre Mod GB1053 gearbox drives. 11. <u>Installation</u> 11.1 Gearbox drive coupling. Engage. 11.2 Shaft retaining nut. Tighten. 11.3 Spring loaded lockring. Engage.											
BLOCK 3 PROPULSION Item 12 is applicable only to Post Mod GB1053 gearbox drives.											
<div style="float: right;">Continued</div>											

PROPULSION SP 82A (7) (1 to 9)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
ECU INSTALLATION						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 and 9 aircraft.											
BLOCK 1 12. <u>Installation</u> 12.1 Universal drive bolts. Refit. (4 off).		PROPULSION									
BLOCK 2 13. <u>Installation</u> 13.1 Fuel system pressurization) pipe.) Connect. 13.2 Cabin pressurization pipe.) 13.3 Bleed valves sealing flange. (1) Release (11) Lock.		PROPULSION									
BLOCK 3 14. <u>Installation</u> 14.1 Throttle control rod and See SP (89A). lever. 14.2 Idling adjustment screw. Screw out by the number of turns as noted in Sub-item 3.3		PROPULSION NCO									
Continued											

PROPULSION SP 82A (9) (1 to 9)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A34 Chap 4 Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
<u>ECU INSTALLATION</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 and 9 aircraft.									
BLOCK 1		PROPULSION NCO							
17. <u>Completion</u> 17.1 Starter system.		Carry out combined fuel priming and drainage check (SP 215).							
17.2 Engine fuel system.		Bleed (AP102C-1503/1507-6A).							
17.3 ECU.		Test (SP 211).							
BLOCK 2		PROPULSION							
18. <u>Completion</u> 18.1 Engine oil sump.		Replenish within 15 minutes of engine run down (011 OX-38).							

PROPULSION SP 84 (1) (1 to 3)					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B	
FUEL SELECTOR COCK ACTUATOR								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 P EL	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS			Code							
Special Tools and Equipment:														
N11.														
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.														
BLOCK 1				ELECTRICAL										
1. <u>Preparation</u> 1.1 Actuator electrical lead. Disconnect.														
BLOCK 2				PROPULSION										
2. <u>Replacement</u> 2.1 Fuel cock actuator. Remove. 2.2 Replacement fuel cock actuator. Fit to fuel cock, ensuring locating pin on base of actuator locates in hole on fuel cock.														
												Continued		

PROPULSION SP 84 (2) (1 to 3)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
FUEL SELECTOR COCK ACTUATOR						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 ELECTRICAL											
3. <u>Completion</u> 3.1 Actuator electrical lead. Reconnect. 3.2 External power supply. (i) Connect. (ii) Switch on.											
BLOCK 2 PROPULSION											
4. <u>Testing</u> 4.1 Fuel selector cock switch. Set to 'WING'. 4.2 Fuel selector cock indicator. Ensure 'WING' position indicated. 4.3 Fuel selector cock and actuator. Ensure correct operation to allow wing tanks to feed. 4.4 Fuel selector cock switch. Set to 'REAR'. 4.5 Fuel selector cock indicator. Ensure 'REAR' position indicated. 4.6 Fuel selector cock and actuator. Ensure correct operation to allow rear tanks to feed. 4.7 Fuel selector cock switch. (i) Set to 'AUTO'. (ii) Lock.											
						Continued					

PROPULSION SP 85 (1) (1 to 3)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
DRIVE TRANSFER ARM						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 P	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS		Code					
Special Tools and Equipment:											
Nil.											
NB: This procedure can only be carried out with ECU removed. NB: This procedure is applicable only to Mk 6, 6A, and 9 aircraft.											
BLOCK 1 PROPULSION 1. <u>Preparation</u> 1.1 Turret drive arm oil sump. Drain.											
BLOCK 2 PROPULSION 2. <u>Removal</u> 2.1 Output bevel box Disconnect. universal joint. 2.2 Trunnion mounting fish Remove. plate bolts.											
										Continued	

PROPULSION SP 85 (2) (1 to 3)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
DRIVE TRANSFER ARM						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 can only be carried out with ECU removed.											
BLOCK 1 PROPULSION											
2.3 Breather pipe.) 2.4 Filler neck overflow pipe.) Disconnect. 2.5 Input bevel box universal joint.) 2.6 Turret drive arm. Remove.											
BLOCK 2 PROPULSION											
3. <u>Installation</u>											
3.1 Replacement turret drive arm. Fit.											
3.2 Input bevel box universal joint.) Connect.											
3.3 Filler neck overflow pipe.)											
3.4 Breather pipe.)											
3.5 Trunnion mounting fish plate bolts. Fit.											
3.6 Output bevel box universal joint. Connect.											
									Continued		

PROPULSION SP 85 (3) (1 to 3)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
DRIVE TRANSFER ARM						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 can only be carried out with ECU removed.											
BLOCK 1 PROPULSION 4. <u>Completion</u> 4.1 Turrent drive arm oil sump. Replenish. (011, 0X-38).											

PROPULSION SP 86 (1) (1 to 5)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
STARTER EXHAUST PIPE						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 P EL	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 211, 215		Code					
Special Tools and Equipment:											
N11.											
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.											
BLOCK 1 ELECTRICAL											
1. <u>Preparation</u> 1.1 Aircraft batteries. Disconnect. 1.2 Starter fuel/air pump motor electrical leads. (1) Disconnect (through Starboard fuel vent connection access panel). (11) Attach twelve foot length of kite cord to end of each lead. 1.3 Starboard generator electrical leads. Disconnect.											
										Continued	

PROPULSION SP 86 (2) (1 to 5)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
STARTER EXHAUST PIPE				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 PROPULSION 2. Preparation 2.1 Starter fuel tank. Drain Avpin from drain point on U pipe into clean Avpin container. 2.2 Starboard generator.) 2.3 Starter fuel pump fuel inlet pipe. (U section).) 2.4 Starter air blower outlet pipe. (Outlet to first joint).) Remove. 2.5 Starter fuel pump outlet pipe. (Pump to HP switch).) 2.6 Pump gland drain pipe. Disconnect. 2.7 Pump retaining bolts. (4 off). Remove. 2.8 Starter fuel pump. Lower carefully through starter compartment. NB: Electrician is to feed cables and kite cords through bay during lowering. 2.9 Kite cords. (i) Disconnect from starter fuel pump electrical leads. (ii) Secure in situ.									
				Continued					

PROPULSION SP 86 (3) (1 to 5)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
STARTER EXHAUST PIPE						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		PROPULSION									
3. <u>General</u> 3.1 Starter fuel pump/blower unit air filter gauze. (044212).		(i) Remove. (ii) Clean. (iii) Refit.									
BLOCK 2		PROPULSION									
4. <u>Replacement</u> 4.1 Starter exhaust pipe.		Replace.									
BLOCK 3		PROPULSION									
5. <u>Completion</u> 5.1 Starter fuel pump.		(i) Attach kite cords to electrical leads. (ii) Raise and position in starter compartment. NB: Electrician is to maintain tension on cords to guide cables into position.									
5.2 Pump retaining bolts. (4 off).		Fit.									
										Continued	

PROPULSION SP 86 (4) (1 to 5)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
STARTER EXHAUST PIPE				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 PROPULSION 5.3 Pump gland drain. Connect. 5.4 Starter fuel pump outlet pipe.) 5.5 Starter air blower outlet pipe.) Refit. 5.6 Starter fuel pump inlet pipe.) 5.7 Starboard generator.)									
BLOCK 2 ELECTRICAL 6. <u>Completion</u> 6.1 Starboard generator electrical leads. Reconnect. 6.2 Starter fuel/air pump motor electrical leads. (1) Remove kite cords. (11) Reconnect. 6.3 Aircraft batteries. Reconnect.									
				Continued					

PROPULSION SP 86 (5) (1 to 5)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser Np: Date:					
STARTER EXHAUST PIPE						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 PROPULSION 7. <u>Testing</u> 7.1 Starting system. Carry out Combined Fuel Priming and Drainage Check. (SP 215).											
BLOCK 2 PROPULSION NCO 8. <u>Testing</u> 8.1 Engine. Start. (SP 211). 8.2 Generator warning lights. Ensure extinguished when engine rev/min stabilized at slow running. 8.3 Engine. Stop. (SP 211).											

PROPULSION SP 87 (1) (1 to 4)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
STARTER AVPIN FUEL TANK - 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 P EL AF	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS			Code						
Special Tools and Equipment:													
Nil.													
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.													
BLOCK 1				PROPULSION									
1. Preparation													
1.1 Aircraft fuel system.				Ensure defuelled. (5A2, Sect 2).									
1.2 Avpin fuel system.				Drain.									
BLOCK 2				AIRFRAME									
2. Preparation													
2.1 Hydraulic pressure.				Ensure released.									
												Continued	

PROPULSION SP 87 (2) (1 to 4)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
STARTER AVPIN FUEL TANK - REMOVAL						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 ELECTRICAL											
3. <u>Preparation</u> 3.1 A.c. and d.c. power supplies. Ensure switched off. 3.2 Internal battery.) 3.3 Starboard generator.) 3.4 Fuel/air motor.) Disconnect. 3.5 Fire extinguishers.) 3.6 Starter motor ignition leads.) 3.7 JB1. (1) Disconnect. (11) Remove.											
BLOCK 2 PROPULSION											
4. <u>Preparation</u> 4.1 Starboard generator.) 4.2 Fuel/air motor.) 4.3 Pipe, HP switch to avpin tank.) Remove. 4.4 Pipe, HP switch to LP switch)											
										Continued	

PROPULSION SP 87 (3) (1 to 4)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
STARTER AVPIN FUEL TANK - 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 PROPULSION											
4.5 Starter motor flexible hoses. Disconnect at connector brackets.											
4.6 Starter motor ignition lead brackets. Remove.											
4.7 Main fuel vent pipe. (Starter bay). Disconnect at Port and Starboard suction pressure relief valves.											
4.8 Port and Starboard suction pressure relief valves.)											
4.9 Vapour release valve vent pipes.)											
4.10 Fire extinguisher. (Starter bay).)											
4.11 Centre fire extinguisher cradle.)											
4.12 Port and Starboard vapour release valves.)											
4.13 Fuel vent. (Starter bay).) Remove.											
4.14 Hydraulic pipes. (C2051179/175A and C2051179/171A).)											
4.15 Fuel pipe 212532. (Starter bay).)											
						Continued					

PROPULSION SP 87 (4) (1 to 4)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
STARTER AVPIN FUEL TANK - 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 PROPULSION 4.16 Avpin system LP switch)) 4.17 Avpin system air pipe)) 4.18 Avpin tank vent pipes.) 4.19 Avpin tank supply pipes.)											
BLOCK 2 PROPULSION 5. <u>Removal</u> 5.1 Avpin tank. Remove complete with support bracket.											

PROPULSION SP 88 (1) (1 to 6)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
STARTER AVPIN FUEL TANK - INSTALLATION						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 P EL	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 132, 192, 196, 199, 211, 215		Code					
<u>Special Tools and Equipment:</u> Nil.											
NB: When refitting fuel and air pipes ensure that heat shrinkable sleeving 5F/4342167 is intact where pipes are adjacent to fuel system vent pipe C201525/25 (STI/Hunter/380A).											
BLOCK 1 PROPULSION 1. <u>Installation</u> 1.1 Avpin tank. Fit complete with support bracket ensuring a clearance of 0.10 inch exists between the base of the stiffener between Frame 25 and 26. 1.2 Avpin tank supply pipes.) 1.3 Avpin tank vent pipes.) Refit. 1.4 Avpin system LP switch and) bracket.)											
										Continued	

PROPULSION SP 88 (2) (1 to 6)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
STARTER AVPIN FUEL TANK - INSTALLATION						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: When refitting fuel and air pipes ensure that heat shrinkable sleeving 5F/4342167 is intact where pipes are adjacent to fuel system vent pipe C201525/25 (STI/Hunter/380A).											
BLOCK 1 PROPULSION											
1.5 Starter motor fuel and Reconnect at connector bracket. air flexible hoses.											
1.6 Starter motor ignition) lead brackets.)											
1.7 Fuel pipe 212532.) (Starter bay).)											
1.8 Hydraulic pipes.) (C2051179/175A and C2051179/ 171A).)											
1.9 Fuel vent. (Starter bay).)											
1.10 Port and Starboard vapour) Refit. release valves.)											
1.11 Centre fire extinguisher) cradle.)											
1.12 Fire extinguisher.) (Starter bay).)											
1.13 Vapour release valve vent) pipes.)											
1.14 Port and Starboard pressure Refit. relief valves.											
						Continued					

PROPULSION SP 88 (3) (1 to 6)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
STARTER AVPIN FUEL TANK - INSTALLATION						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: When refitting fuel and air pipes ensure that heat shrinkable sleeving 5F/4342167 is intact where pipes are adjacent to fuel system vent pipe C201525/25 (STI/Hunter/380A).											
BLOCK 1 PROPULSION 1.15 Main fuel vent pipe. (Starter bay). 1.16 Pipe, HP switch to avpin tank. 1.17 Pipe, HP switch to LP switch. 1.18 Avpin system air pipe connector and bracket. 1.19 Fuel/air motor. 1.20 Starboard generator. 1.21 Avpin tank.		Reconnect at Port and Starboard suction pressure relief valves.))) Refit.))) (i) Replenish. (ii) Look for leaks.									
BLOCK 2 ELECTRICAL 2. <u>Installation</u> 2.1 JB1.		(i) Refit. (ii) Reconnect.									
<div style="text-align: right;">Continued</div>											

PROPULSION SP 88 (4) (1 to 6)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B	
STARTER AVPIN FUEL TANK - INSTALLATION						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: When refitting fuel and air pipes ensure that heat shrinkable sleeving 5F/4342167 is intact where pipes are adjacent to fuel system vent pipe C201525/25 (STI/Hunter/380A).											
BLOCK 1 ELECTRICAL 2.2 Starter motor ignition) leads.) 2.3 Fuel air motor.) Reconnect. 2.4 Starboard generator.) 2.5 Internal battery.)											
BLOCK 2 PROPULSION 3. <u>Testing</u> 3.1 IPN starter. Carry out combined fuel priming and drainage check. (SP 215).											
BLOCK 3 ELECTRICAL 4. <u>Testing</u> 4.1 Fire warning and Test. (SP 196). extinguisher system. 4.2 Gun firing circuit. Test. (SP 199). 4.3 Pressure head heater.) Operate. 4.4 Navigation lights.)											
										Continued	

PROPULSION SP 88 (5) (1 to 6)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
STARTER AVPIN FUEL TANK - INSTALLATION						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: When refitting fuel and air pipes ensure that heat shrinkable sleeving 5F/4342167 is intact where pipes are adjacent to fuel system vent pipe C201525/25 (STI/Hunter/380A).											
BLOCK 1 ELECTRICAL 5. <u>Testing</u> 5.1 Rudder and aileron trim.) 5.2 Tailplane incidence.) Operate. 5.3 Airbrakes.) 5.4 Undercarriage operating Test. (SP 132). system.											
BLOCK 2 PROPULSION 6. <u>General</u> 6.1 Aircraft. Refuel. (5A2, Sect 2). 6.2 System. Look for leaks.											
BLOCK 3 PROPULSION 7. <u>Testing</u> 7.1 Engine Test. (SP 211).											
									Continued		

PROPULSION SP 88 (6) (1 to 6)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 4		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
STARTER AVPIN FUEL TANK - INSTALLATION						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: When refitting fuel and air pipes ensure that heat shrinkable sleeving 5F/4342167 is intact where pipes are adjacent to fuel system vent pipe C201525/25 (STI/Hunter/380A).											
BLOCK 1 ELECTRICAL 8. <u>Testing</u> 8.1 Generator control system. Test. (SP 192).											

PROPULSION SP 89A (1) (1 to 4) (AL 12)					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:				
THE SETTING AND CHECKING OF THE THROTTLE/HP COCK CONTROL SYSTEM								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 P	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 82A			Code						
Special Tools and Equipment:													
N11													
NB: This procedure is applicable only to Mk 6 and 9 aircraft.													
BLOCK 1				PROPULSION									
1. Preparation													
1.1 Throttle/HP cock lever in the cockpit.				Ensure in the closed position.									
1.2 Throttle/HP cock linkage on the RTCU.				Ensure in the closed position.									
1.3 Last airframe control rod to the RTCU.				Connect.									
1.4 Raised part of the "Top Hat" washer.				Ensure against the eye and of the last airframe throttle control rod (ie facing towards the rear of the ECU).									
1.5 Last airframe control rod to the RTCU.				Lock with split pins.									
												Continued	

PROPULSION SP 89A (2) (1 to 4) AL 12		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A 1 Ed Sect 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
THE SETTING AND CHECKING OF THE THROTTLE/HP COCK CONTROL SYSTEM						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	
NB: This procedure is applicable only to Mk 6 and 9 aircraft.											
BLOCK 1 PROPULSION											
2. <u>Inspection (Check at ECU)</u>											
2.1 Throttle/HP cock lever. Move to the fully open position.											
2.2 Eye-end connection and other parts of control run. Ensure, do not foul the RTCU or other parts of the ECU or airframe.											
2.3 Throttle/HP cock lever. Move onto idle stop.											
2.4 RTCU linkage stop. Ensure, just contacting the spring loaded ball bearing of the cut-off housing, on the RTCU.											
2.5 Throttle/HP cock lever. Move to the cut-off position.											
2.6 RTCU linkage stop. Ensure, has fully compressed the spring-loaded ball bearing, of the cut-off housing on the RTCU.											
2.7 Safety holes situated, in eye-ends of the last airframe control rod (2 off). Ensure all are within safety.											
2.8 Lock nuts of the last airframe control rod (2 off). Ensure wire - locked correctly.											
2.9 Last 2 airframe control rods Ensure do not make a mechanical lock with the pivoting arm, to which they are attached.											
										Continued	

PROPULSION SP 89A (3) (1 to 4) AL 12		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS	AP 101B-1300-5A3A Chap 4 Sect 1	SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B			
<u>THE SETTING AND CHECKING OF THE THROTTLE/HP COCK CONTROL SYSTEM</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 and 9 aircraft.									
BLOCK 1	PROPULSION								
3. <u>Inspection (Checks in the Cockpit)</u> NB: WARNING: Failure to achieve correct operation of the HP cock trigger can cause an inadvertent cut-off selection when the throttle is closed to the idle position. 3.1 Friction damper. Turn to release the friction load on the throttle. 3.2 Throttle/HP cock lever. Move to the cut-off position. Ensure that there is 1/16- $\frac{1}{8}$ " "bounce" felt, with the lever in this position. 3.3 Throttle/HP cock lever. Move to the fully open position ensure that there is 1/16- $\frac{1}{8}$ " "bounce" felt with the lever in this position. 3.4 Throttle/HP cock lever. Raise HP cock trigger and move lever rearwards until the stop on the RTCU linkage contacts the spring-loaded ball bearing of the RTCU. A slight restriction of the Throttle/HP cock lever should be felt. 3.5 HP cock trigger and throttle lever. Release, ensure the lever springs forward slightly and locks correctly in position in front of the adjustable idle stop on throttle box. (If necessary adjust stop to achieve this effect).									
				Continued					

PROPULSION SP 89A (4) (1 to 4) AL 12		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: _____ Date: _____					
THE SETTING AND CHECKING OF THE THROTTLE/HP COCK CONTROL SYSTEM						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 and 9 aircraft.											
BLOCK 1 PROPULSION 3. <u>Inspection (Check in the Cockpit)</u> 3.6 HP Cock Trigger. Ensure the spring loaded plunger does not become disengaged from its guide at full retraction of the trigger and that it fully engages the idle stop being released.											
BLOCK 2 PROPULSION 4. <u>Rectification (Adjusting the Throttle)</u> 4.1 Airframe to RTCU Rod. Remove the locking wire from the lock nuts. 4.2 Connecting rod lock nuts. Loosen sufficiently to disengage the locking washers from the locking slots in the ball end assemblies, then turn the connecting rod to lengthen or shorten as necessary. 4.3 Connecting Rod. Re-engage the lock washers, in the ball end and assemblies, tighten the lock nuts and wire lock. 4.4 Ball ends (2 off). Ensure still in safety. 4.5 Control rods 26F x 9680 and 26F x 9682 and lever 26F x 6228. Ensure that the control rods do not foul in the yokes of the lever at the extremes of throttle/HP cock lever movement.											

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