

PROPELLION

SERVICING PROCEDURES

AP101B-1300-5A3A

COMPONENT REPLACEMENTS

Sect 1

HUNTER ALL MARKS

Chap 4

AMENDED TO INCLUDE MK 9

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PROPELLION SP 81A (1) (1 to 12) (AL 22) ECU REMOVAL					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Chap 4 Sect 1		SERVICING RECORD		RAF Form 2988B	
									Aircraft Ser No: Date:			
					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		
TRADE P,AF, EL	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP1, 407, 415, 481, 485		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 PROPELLION												
1. <u>Preparation</u> 1.1 Battery master switch.)Ensure set to 'OFF'. 1.2 LP fuel cock)												
BLOCK 2 ELECTRICAL												
2. <u>Preparation</u> 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.)												

PROPELLION 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		RAF Form 2988B
			Aircraft Ser No:	Date:	
<u>ECU REMOVAL</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	MAN HRS 4
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.				3	INITS & TDM 5
BLOCK 1	ELECTRICAL				
2. <u>Preparation</u> (Cont)					
2.5 Starter ignition unit LT lead.)				
2.6 Starter overspeed relay cable (Frame 26).	)Disconnect				
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	PROPELLION				
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.				

PROPELLION 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 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		MAN HRS 4	INITS & TDM 5
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.								
BLOCK 1		PROPELLION						
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.		(1) Remove.						
4.8 Fuel pressure switch pipe.		(1) Note: Approximately 4 pints AVTUR/AVTAG will spill on removal of fuel delivery pipe.						
4.9 O11 cooler drain pipe.		(1)						
4.10 Ventilation duct.		(1)						
4.11 Fuel delivery pipe.		(1) Sub-items 4.12 to 4.14 inclusive are applicable only to Pre-Mod GB1053 gearbox drives.						
4.12 Gearbox drive spring loaded lock ring.		Pull back.						
4.13 Shaft retaining nut.		Unscrew.						
4.14 Gearbox drive.		Uncouple.						
				Continued				

PROPELLION
SP 81A (4)
(1 to 12)
AL 22

SERVICING PROCEDURES
COMPONENT REPLACEMENTS
HUNTER ALL MARKS

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Sect 1

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Date:

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ECU REMOVAL

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

PROPELLION

4. Removal (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 pressurization flexible pipe.)

4.17 Cabin pressurization flexible pipe.) Disconnect at airframe connection.

4.18 Bleed valve sealing flange. (1) Withdraw clear of engine.
(11) Rotate shaft $\frac{1}{4}$ turn to lock.

BLOCK 2

PROPELLION NCO

5. Removal

5.1 Removable rail. (1) Examine.
(11) Secure between Frames 34 and 37.
(111) Adjust to contact engine front roller.

5.2 ECU removal trolley. (1) Position.
(11) Align with engine rear roller.
(111) Ensure level.
(1v) Lock to Frame 40A.

Continued

PROPELLION 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:			
<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		PROPELLION				
6. <u>Removal</u>						
6.1 Engine front mountings.		(1) Remove lock pins and nuts. (11) Adjust engine rail height until bolts are free to turn. (111) Remove bolts. (iv) Secure mounting arms clear of engine.				
6.2 Engine mounting trunnion cap securing bolts.)				
6.3 Engine mounting trunnion cap locating bolts.		) Remove.			
6.4 Turbine drain pipe.)				
BLOCK 2		PROPELLION 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.				
				Continued		

PROPELLION
SP 81A (6)
(1 to 12)
AL 22

SERVICING PROCEDURES
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HUNTER ALL MARKS

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Sect 1

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Date:

RAF Form 2988B

ECU REMOVAL

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

PROPELLION

8. Examination

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. (iv) 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. (Frame 27).	)Examine.)
8.7 Starter fairing and housing.	) (1) Clean.
8.8 ECU mounting brackets.	) (11) Examine.

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

PROPELLER 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		RAF Form 2988B	
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<u>ECU REMOVAL</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	3	
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.						
BLOCK 1			PROPELLER			
8. <u>Examination</u> (Cont)						
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 pipelines.	) Examine and particularly at Frame 32.					
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 and spray pipes.	(1) Examine. (11) Clean using compressed air.					
8.15 Fire extinguisher pipelines supporting clips and packing.	Examine.					

PROPELLION
SP 81A (8)
(1 to 12)
AL 22

SERVICING PROCEDURES
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ECU REMOVAL

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

PROPELLION NCO

9. Examination

9.1 Throttle lever.
(Upper group 26FX/6228). Examine and particularly for wear in fulcrum pillar.
9.2 Throttle/HP cock control rods ball ends.
(26FX/9679 and 26FX/9681). Examine and particularly for excessive movement.
9.3 Engine controls.
9.4 Conduit at Frame 32. Examine and particularly for chafing with fairlead removed.

BLOCK 2

AIRFRAME

10. Examination

10.1 Hydraulic pipes supporting clips and packing. 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.

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

PROPELLION
SP 81A (9)
(1 to 12)
AL 22

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AP 101B-1300-5A3A
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Sect 1

SERVICING RECORD
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RAF Form 29888

ECU REMOVAL

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

PROPELLION NCO

10. Examination Cont

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. Rectification

11.1 Pre-cooler.) Remove.
11.2 Inter-cooler.)

Brief Details of
Suspected Defect and
SNOW
When Applicable

TRADESMAN
MAN HRS
1

INITS & TDM
2

SUPERVISOR
MAN HRS
4

INITS & TDM
5

Continued

PROPELLION 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		RAF Form 29888			
			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			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.		(1) Renew, using rivets 28Q/1012788. (11) 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		

PROPELLER 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			
<u>ECU REMOVAL</u>						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
						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									
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.											
BLOCK 1		ELECTRICAL									
13. <u>Examination Cont</u>											
13.2 Firewire elements (035502).		<ul style="list-style-type: none"> (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		PROPELLER									
14. <u>ECU Compartment</u>											
14.1 Hymatic pressure reducing valves (Type 48/12).		Ensure piston movement is full and free.									
BLOCK 3		PROPELLER									
Item 15 is applicable only to drive transfer arms Pre Mod GB 823.											

PROPELLION
SP 81A (12)
(1 to 12)
AL 22

SERVICING PROCEDURES
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ECU REMOVAL

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

PROPELLION

15. Examination

15.1 011 Jet (044405).

Ensure clear (SP481).

BLOCK 2

PROPELLION

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.

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

PROPELLION 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												
NB: This procedure is applicable only to Mk 6 and 9 aircraft.																		
BLOCK 1 PROPULSION																		
2. Preparation																		
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><u>Plug C6</u></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>			<u>Plug C6</u>	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				
<u>Plug C6</u>	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).																		

PROPELLION 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		RAF Form 29888		
			Aircraft Ser No: Date:				
<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		PROPELLION					
3. Preparation							
3.1 ECU.		(1) Examine and particularly for loose articles. (11) 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.		(1) Examine. (11) By use of vacuum cleaner ensure areas clear of all foreign matter.					
3.5 ECU removal trolley (with ECU).		(1) Position in line with roller rails. (11) Ensure level. (111) 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 adjust- ment screw clears Frame 38.					
3.8 Cabin pressurizing and fuel pressurization pipes.		Ensure aligned.					
						Continued	

PROPELLION 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	
<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		AIRFRAME					
7. <u>Installation</u> 7.1 Rear fuselage.		Refit (SP2).					
BLOCK 2		PROPELLION NCO					
8. <u>Installation</u> 8.1 Starter exhaust pipe (044208).		(1) 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		PROPELLION					
9. <u>Installation</u> 9.1 Starter fuel pipe.) 9.2 Starter air pipe.) Reconnect. 9.3 Breather pipe.)							

PROPELLION SP 82A (6) (1 to 9)	SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS	AP 101B-1300-5A3A Chap 4 Sect 1	SERVICING RECORD		RAF Form 2988B	
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<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
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.						

|Continued

PROPELLION SP 82A (7) (1 to 9)	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 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								
12. <u>Installation</u> 12.1 Universal drive bolts. Refit. (4 off).								
BLOCK 2 PROPULSION								
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.								
BLOCK 3 PROPULSION NCO								
14. <u>Installation</u> 14.1 Throttle control rod and lever. See SP (89A). 14.2 Idling adjustment screw. Screw out by the number of turns as noted in Sub-item 3.3								
		Continued						

PROPELLION SP 82A (8) (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						
15. <u>Installation</u>							
15.1 Starter overspeed replay)						
cable.)						
15.2 Plugs and sockets (Engine)						
services).)						
15.3 HE ignition units LT leads.	)	Reconnect.				
15.4 Starter ignition unit)						
LT lead.)						
15.5 Lead acid batteries.)						
15.6 HE ignition fuse.		Refit.					
15.7 HE ignition leads.		Reconnect at igniters.					
BLOCK 2	PROPELLION						
16. <u>Completion</u>							
16.1 Engine oil sump.)						
16.2 Accessory gearbox and	)	Replenish as necessary, (011 OX-38).				
turret drive oil sumps.)						

PROPELLION SP 84 (1) (1 to 3)				SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS	AP 101B-1300-5A3A Sect 1 Chap 4	SERVICING RECORD RAF Form 2988B			
<u>FUEL SELECTOR COCK ACTUATOR</u>				Aircraft Ser No: Date:					
				TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
				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									
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. 2.2 Replacement fuel cock actuator.				Remove. Fit to fuel cock, ensuring locating pin on base of actuator locates in hole on fuel cock.					
		Continued							

PROPELLION 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	
				MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
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		ELECTRICAL						
3. <u>Completion</u>								
3.1 Actuator electrical lead.		Reconnect.						
3.2 External power supply.		(i) Connect. (ii) Switch on.						
BLOCK 2		PROPELLION						
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.						

PROPELLER 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 29888	
<u>DRIVE TRANSFER ARM</u>												
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD							TRADESMAN MAN HRS 1	INITS & TDM 2	Brief Details of Suspected Defect and SNOW When Applicable 3		SUPERVISOR MAN HRS 4	
TRADE P	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS Code								
<u>Special Tools and Equipment:</u> N11.												
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 PROPELLER												
1. Preparation 1.1 Turret drive arm oil sump. Drain.												
BLOCK 2 PROPELLER												
2. Removal 2.1 Output bevel box Disconnect. universal joint.												
2.2 Trunnion mounting fish Remove. plate bolts.												
		Continued										

|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
Aircraft Ser No:
Date:

RAF Form 2988B

DRIVE TRANSFER ARM

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

NB: This procedure can only be carried out with ECU removed.

BLOCK 1

PROPULSION

4. Completion

4.1 Turret drive arm oil sump. Replenish. (Oil, OX-38).

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
MAN HRS 1	INITS & TDM 2	3	4	INITS & TDM 5	

PROPELLION 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			MAN HRS 4	INITS & TDM 5
TRADE P EL	M/HRS	TRADE EL	M/HRS	ASSOCIATED PROCEDURE CARDS SP 211, 215	Code					
<u>Special Tools and Equipment:</u> 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. 1.2 Starter fuel/air pump motor electrical leads. 1.3 Starboard generator electrical leads.					Disconnect. (1) Disconnect (through Starboard fuel vent connection access panel). (11) Attach twelve foot length of kite cord to end of each lead. Disconnect.					
		Continued								

PROPELLION SP 86 (2) (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
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.						
BLOCK 1			PROPELLION			
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			) Remove.			
joint).)			
2.5 Starter fuel pump outlet)			
pipe. (Pump to HP switch).)			
2.6 Pump gland drain pipe.			Disconnect.			
2.7 Pump retaining bolts.			Remove. (4 off).			
2.8 Starter fuel pump.			Lower carefully through starter compartment.			
2.9 Kite cords.			NB: Electrician is to feed cables and kite cords through bay during lowering. (i) Disconnect from starter fuel pump electrical leads. (ii) Secure in situ.			
		Continued				

PROPELLION 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
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.						5
BLOCK 1	PROPELLION					
3. <u>General</u>						
3.1 Starter fuel pump/blower unit air filter gauze. (044212).	(i) Remove. (ii) Clean. (iii) Refit.					
BLOCK 2	PROPELLION					
4. <u>Replacement</u>						
4.1 Starter exhaust pipe.	Replace.					
BLOCK 3	PROPELLION					
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				

|Continued

PROPELLION SP 86 (5) (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	
		MAN HRS	INITS & TDM 1	2	3	MAN HRS 4	INITS & TDM 5	
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	PROPELLION							
7. <u>Testing</u>								
7.1 Starting system.	Carry out Combined Fuel Priming and Drainage Check. (SP 215).							
BLOCK 2	PROPELLION 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).							

PROPELLION SP 87 (1) (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		
<u>STARTER AVPIN FUEL TANK - REMOVAL</u>					TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD					MAN HRS 1	INITS & TDM 2		MAN HRS 4	INITS & TDM 5
TRADE P EL AF	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS	Code				
<u>Special Tools and Equipment:</u> N11.									
NB: This procedure is applicable only to Mk 6, 6A and 9 aircraft.									
BLOCK 1					PROPELLION				
1. <u>Preparation</u> 1.1 Aircraft fuel system. Ensure defuelled. (5A2, Sect 2). 1.2 Avpin fuel system. Drain.									
BLOCK 2					AIRFRAME				
2. <u>Preparation</u> 2.1 Hydraulic pressure. Ensure released.									
		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

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

PROPELLION

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).)

TRADESMAN

MAN HRS
INITS & TDM
1 2

Brief Details of
Suspected Defect and
SNOW
When Applicable
3

SUPERVISOR
MAN HRS
INITS & TDM
4 5

Continued

PROPELLION SP 87 (4) (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:				
<u>STARTER AVPIN FUEL TANK - 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			PROPELLION				
4.16 Avpin system LP switch and bracket.)							
4.17 Avpin system air pipe connector and bracket.)							
4.18 Avpin tank vent pipes.)							
4.19 Avpin tank supply pipes.)							
BLOCK 2			PROPELLION				
5. Removal							
5.1 Avpin tank.			Remove complete with support bracket.				

PROPELLION SP 88 (1) (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	
<u>STARTER AVPIN FUEL TANK - INSTALLATION</u>						TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
				MAN HRS 1	INITS & TDM 2	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>										
N11.										
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				PROPELLION						
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								

PROPELLION SP 88 (2) (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	
<u>STARTER AVPIN FUEL TANK - INSTALLATION</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	3	MAN HRS 4
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		PROPELLION						
1.5	Starter motor fuel and air flexible hoses.	Reconnect at connector bracket.						
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 release valves.	) Refit.					
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 relief valves.	) Refit.					
						Continued		

PROPELLION 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		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			PROPELLION				
1.15	Main fuel vent pipe. (Starter bay).	Reconnect at Port and Starboard suction pressure relief valves.					
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.	(1) Replenish. (11) Look for leaks.					
BLOCK 2			ELECTRICAL				
2. Installation							
2.1	JB1.	(1) Refit. (11) Reconnect.					
						Continued	

PROPELLION 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 SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
MAN HRS 1		INITS & TDM 2	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		PROPELLION						
3. Testing								
3.1 IPN starter.				Carry out combined fuel priming and drainage check. (SP 215).				
BLOCK 3		ELECTRICAL						
4. Testing								
4.1 Fire warning and extinguisher system.		Test. (SP 196).						
4.2 Gun firing circuit.		Test. (SP 199).						
4.3 Pressure head heater.		)		Operate.			
4.4 Navigation lights.)						
						Continued		

PROPELLION 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			
<u>STARTER AVPIN FUEL TANK - 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: 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 system. Test. (SP 132).										
BLOCK 2		PROPELLION								
6. <u>General</u>										
6.1 Aircraft. Refuel. (5A2, Sect 2). 6.2 System. Look for leaks.										
BLOCK 3		PROPELLION								
7. <u>Testing</u>										
7.1 Engine Test. (SP 211).										
								Continued		

PROPELLION 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 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	MAN HRS 4	INITS & TDM 5
TRADE P	M/HRS	TRADE	M/HRS	SP 82A	ASSOCIATED PROCEDURE CARDS	Code		
<u>Special Tools and Equipment:</u> N11								
NB: This procedure is applicable only to Mk 6 and 9 aircraft.								
BLOCK 1					PROPELLION			
1. <u>Preparation</u> 1.1 Throttle/HP cock lever in the cockpit. 1.2 Throttle/HP cock linkage on the RTCU. 1.3 Last airframe control rod to the RTCU. 1.4 Raised part of the "Top Hat" washer. 1.5 Last airframe control rod to the RTCU.					Ensure in the closed position. Ensure in the closed position. Connect. Ensure against the eye and of the last airframe throttle control rod (ie facing towards the rear of the ECU). Lock with split pins.			
		Continued						

PROPELLION 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 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		PROPELLION						
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.						

PROPELLION
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

THE SETTING AND CHECKING OF THE THROTTLE/HP COCK CONTROL SYSTEM

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 and 9 aircraft.

BLOCK 1

PROPELLION

3. Inspection (Checks in the Cockpit)

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).

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

PROPELLION 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:				
<u>THE SETTING AND CHECKING OF THE THROTTLE/HP COCK CONTROL SYSTEM</u>			TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable 3	SUPERVISOR	
			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							
NB: This procedure is applicable only to Mk 6 and 9 aircraft.							
BLOCK 1		PROPELLION					
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		PROPELLION					
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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