

AIRFRAME

SERVICING PROCEDURES

AP101B-1300-5A3A

COMPONENT REPLACEMENTS

Sect 1

HUNTER ALL MARKS

Chap 1

AMENDED TO INCLUDE MK 9

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AIRFRAME SP 1 (1) (1 to 8) AL 18					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B			
REAR FUSELAGE - REMOVAL					Amended to include Mk 9 content.				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 AF, EL, P, FS, AC		M/HRS		TRADE M/HRS		ASSOCIATED PROCEDURE CARDS SP 19, 23		Code								
Special Tools and Equipment:																
Nil.																
BLOCK 1 1. Preparation																
1.1 Batteries.							Ensure switched off.									
BLOCK 2 2. Preparation																
NB: Sub-item 2.1 is applicable only to Mk 6, 6A and 9 aircraft.																
2.1 Fuel system LP cocks.							Ensure closed.									
														Continued		

AIRFRAME SP 1 (2) (1 to 8) AL 18		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
REAR FUSELAGE - 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	
BLOCK 1 AIRFRAME 3. <u>Preparation</u> 3.1 Aircraft. Raise on jacks. 3.2 Centre fuselage. Position trestle. 3.3 Rear fuselage. Position trolley. 3.4 Safety strap. Fit.											
BLOCK 2 AIRFRAME 4. <u>Preparation</u> NB: Sub-item 4.1 is applicable only to Mk 6A, 7, 7A and 8B and 9 aircraft. 4.1 Brake parachute. Remove (SP 19).											
BLOCK 3 AIRFRAME 5. <u>Preparation</u> 5.1 Tail cone. Remove (SP 23).											
<div style="float: right;">Continued</div>											

AIRFRAME SP 1 (3) (1 to 8) AL 18		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
REAR FUSELAGE - 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	
BLOCK 1 AIRFRAME 6. <u>Preparation</u> 6.1 Detachable spine (Transport joint). Remove. 6.2 Flying control rods. (Transport Disconnect. joint). 6.3 Hydraulic blanking caps. Remove from stowage on rear fuselage. 6.4 Hydraulic self sealing couplings. (i) Disconnect. (Transport joint). (ii) Connect to stowage on rear fuselage. 6.5 Hydraulic blanking caps. Connect to couplings on centre fuselage. 6.6 Rear transport joint butt strap. Remove.									
BLOCK 2 AIRFRAME 7. <u>Preparation</u> 7.1 Airbrake self sealing couplings. Disconnect.									

Continued

AIRFRAME SP 1 (4) (1 to 8) AL 18		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
REAR FUSELAGE - 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	
BLOCK 1 AIR COMMS											
8. <u>Preparation</u> 8.1 Aerial cable coupling.                      ) Disconnect. 8.2 Radio cable TS4.                                )											
BLOCK 2 ELECTRICAL											
9. <u>Preparation</u> 9.1 Electrical cables (Spine).                    ) 9.2 Electrical cables. (Lower part of            ) Disconnect. transport joint and upper Starboard        ) position).                                        )											
BLOCK 3 FLT SYSTEMS											
10. <u>Preparation</u> 10.1 Compass cable GC9.                         Disconnect.											
						Continued					

AIRFRAME SP 1 (5) (1 to 8) AL 18		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
REAR FUSELAGE - 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	
BLOCK 1 ELECTRICAL 11. <u>Preparation</u> 11.1 Jet pipe thermocouple cables. Disconnect at terminal blocks. (Port and Starboard). NB: Sub-item 11.2 is applicable only to Mk 6, 6A and 9 aircraft. 11.2 Fuel gauge co axial cable. Disconnect.									
BLOCK 2 PROPULSION 12. <u>Preparation</u> NB: Sub-items 12.1 to 12.3 inclusive are applicable only to Mk 6, 6A and 9 aircraft. 12.1 Fuel tank pressurization pipes Disconnect. (Transport joint). 12.2 Fuel gate valve. Set to closed. 12.3 Fuel pipes (Twin gate valve). Disconnect. 12.4 Engine drain pipe. (i) Pull out. (ii) Examine and particularly for cracking. (iii) Turn anti-clockwise to engage in retaining slot.									
								Continued	

AIRFRAME SP 1 (6) (1 to 8) AL 18		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
REAR FUSELAGE - 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	
BLOCK 1  12.5 Jet pipe keeper plate stirrup nuts. 12.6 Stirrups. 12.7 Keeper plates. 12.8 Bearing cooling outlet pipes.  12.9 Jet pipe.						PROPULSION  Release. Raise. Slide downwards to release. (i) Pull out. (ii) Examine and particularly for cracking. (iii) Turn to engage retaining pin against skin plating. Ensure clear of exhaust unit.					
BLOCK 2  13. <u>Removal</u>  13.1 Rear fuselage. 13.2 Rear fuselage securing nuts. 13.3 Rear fuselage. 13.4 Airbrake hydraulic self sealing couplings blanking caps.						AIRFRAME  Ensure supported. Disconnect in opposing pairs. Remove. Fit.					
						Continued					



AIRFRAME SP 1 (7) (1 to 8) AL 18		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect Chap		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
REAR FUSELAGE - REMOVAL						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR			
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						MAN HRS 1		INITS & TDM 2		MAN HRS 4		INITS & TDM 5	
BLOCK 1 ELECTRICAL 14. <u>Examination</u> 14.1 Thermocouples (036402).      Examine. 14.2 Cables and connectors (036011).      Examine.													
BLOCK 2 PROPULSION 15. <u>Examination</u> NB: Sub-item 15.1 is applicable only to Mk 6, 6A and 9 aircraft. 15.1 Jet pipe inner skin (043901).      Examine and particularly for cracking.													
BLOCK 3 ELECTRICAL 16. <u>Removal</u> 16.1 Jet pipe thermocouples.      Disconnect.													
BLOCK 4 PROPULSION 17. <u>Removal</u> 17.1 Jet pipe.      (1) Disconnect. (11) Remove.													

Continued

AIRFRAME SP 1 (8) (1 to 8) AL 18		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:			
REAR FUSELAGE - 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	
BLOCK 1 ELECTRICAL									
18. <u>Examination</u>  18.1 Firewire elements (035507). <ul style="list-style-type: none"> <li>(i) Examine and particularly for kinking, chafing and mechanical damage.</li> <li>(ii) Ensure that, except at clipping points, elements are spaced at least 0.25 in, from adjacent surface throughout their length.</li> <li>(iii) Examine rubber bushes and 'P' clips particularly for deterioration and damage.</li> <li>(iv) Check insulation and continuity resistance (AP107E-0102-1).</li> </ul>									
BLOCK 2 AIRFRAME									
19. <u>Examination</u>  19.1 Hydraulic pipes, support clips and packing. Examine and particularly the pipes and clips at Frame 49. (Pt No B187926/22) or (Pt No B187926/23).									

AIRFRAME SP 2 (1) (1 to 8) AL 18					SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:							
REAR FUSELAGE - FITTING					Amended to include Mk 9 content.				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 AF,EL, P,NI,AC		M/HRS		TRADE M/HRS		ASSOCIATED PROCEDURE CARDS SP 19, 23		Code								
<u>Special Tools and Equipment:</u> Spigot Checking Tool, 26FX/95223 Pt No B200521.																
BLOCK 1 PROPULSION 1. <u>Preparation</u> Sub-item 1.1 is applicable only to Mk 6, 6A and 9 aircraft. 1.1 Twin gate valve seals. Examine.																
BLOCK 2 ELECTRICAL 2. <u>General</u> 2.1 Power supplies. (i) Set to 'OFF'. 2.2 Firewire elements (035502). (ii) Examine and particularly for signs of kinking, chaffing and mechanical damage.																
														Continued		

AIRFRAME SP 2 (2) (1 to 8)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
REAR FUSELAGE - FITTING				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	
BLOCK 1 2. <u>General Cont</u> ELECTRICAL (ii) Ensure that, except at clipping points, elements are spaced at least 0.25 in. from adjacent surfaces throughout their length. (iii) Examine rubber bushes and 'P' clips particularly for deterioration and damage. (iv) Check insulation and continuity resistance (AP107E-0201-1). Sub-item 2.3 is applicable only to Mk 6, 6A and 9 aircraft.				4		5		6	
2.3 Cable PC15 and EX6. Position and tape to centre fuselage.				7		8		9	
10				11		12		13	

AIRFRAME SP 2 (3) (1 to 8)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B					
REAR FUSELAGE - FITTING						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	
BLOCK 1 AIRFRAME 3. <u>Fitting</u> 3.1 Fuselage attachment spigot nuts (010313). 3.2 Airbrake hydraulic self sealing couplings blanking caps. 3.3 Rear fuselage. 3.4 Rear fuselage securing nuts.						(i) Ensure tight using special tool, 26FX/95223. (ii) Re-peen as necessary. Remove. Position. (i) Connect in opposing pairs. (ii) Lock with wire (0.8 mm).							
BLOCK 2 PROPULSION 4. <u>Fitting</u> 4.1 Jet pipe. 4.2 Keeper plates. 4.3 Stirrups. 4.4 Stirrup nuts.						(i) Offer up to engine. (ii) Ensure sealing ring is positioned in its groove and fastened by link lock. Fit. Position. (i) Fit. (ii) Lock.							
										Continued			

AIRFRAME SP 2 (4) (1 to 8)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:					
REAR FUSELAGE - FITTING						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
BLOCK 1 PROPULSION											
4. <u>Fitting Cont</u>											
4.5 Jet pipe trunnions.      Ensure clearance between trunnion and guide rails as 0.22 in, PLUS or MINUS 0.03 in.  Sub-item 4.6 is applicable only if clearance found in Sub-item 4.5 is outside limits.											
4.6 Jet pipe trunnions.      Shim as necessary.											
BLOCK 2 PROPULSION											
5. <u>Fitting</u>											
Sub-items 5.1 to 5.3 inclusive are applicable only to Mk 6, 6A and 9 aircraft.											
5.1 Fuel pipes (Twin gate valve).      Reconnect.											
5.2 Fuel gatevalve.      Set to open.											
5.3 Fuel tank pressurization pipes      Reconnect. (Transport joint).											
5.4 Engine drain pipe bearing      Refit. cooling outlet pipes.											
										Continued	

AIRFRAME SP 2 (5) (1 to 8)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B		
REAR FUSELAGE - FITTING					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	
BLOCK 1                                      NAV INSTRUMENTS										
6. <u>Fitting</u>										
6.1   Compass cable GC9.                      Reconnect.										
BLOCK 2                                      ELECTRICAL										
7. <u>Fitting</u>										
7.1   Jet pipe thermocouple cables            (i)    Examine. (Port and Starboard).                    (ii)   Reconnect. Sub item 7.2 is applicable only to Mk 6, 6A and 9 aircraft.										
7.2   Fuel tank co-axial cables.                Reconnect.										
BLOCK 3                                      ELECTRICAL										
8. <u>Fitting</u>										
8.1   Electrical cables (Spine).                )										
8.2   Electrical cables (Transport joint).    ) Reconnect.										
								Continued		

AIRFRAME SP' 2 (6) (1 to 8)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS	AP 101B-1300-5A3A Sect 1 Chap 1	SERVICING RECORD Aircraft Ser No: Date:	RAF Form 2988B	
REAR FUSELAGE - FITTING				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	
BLOCK 1		AIR COMMS				
9. <u>Fitting</u>						
9.1 Aerial cable coupling.		) Reconnect.				
9.2 Radio cable TS4.		)				
BLOCK 2		AIRFRAME				
10. <u>Fitting</u>						
10.1 Airbrake self sealing couplings.		Reconnect.				
BLOCK 3		AIRFRAME				
11. <u>Fitting</u>						
11.1 Hydraulic blanking caps		Disconnect from couplings on centre fuselage.				
11.2 Hydraulic self sealing couplings.		(i) Disconnect from stowage on rear fuselage. (ii) Connect to couplings on centre fuselage.				
Continued						



AIRFRAME SP 2 (7) (1 to 8)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B	
REAR FUSELAGE - FITTING				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	
BLOCK 1 11. <u>Fitting Cont</u> 11.3 Hydraulic blanking caps. Reconnect to stowage on rear fuselage. 11.4 Flying control rods (Transport Reconnect. joint). 11.5 Rear transport joint butt strap. (i) Refit. (ii) Ensure chains of hydraulic coupling blanking caps pass under trunnion 11.6 Detachable spine (Transport Refit. joint).				MAN HRS 1		INITS & TDM 2		MAN HRS 4	
BLOCK 2 12. <u>Fitting</u> 12.1 Tail cone. Refit (SP24).				MAN HRS 1		INITS & TDM 2		MAN HRS 4	
BLOCK 3 13. <u>Fitting</u> Sub-item 13.1 is applicable only to Mk 6A, 7, 7A, 8B and 9 aircraft. 13.1 Brake parachute. Refit.				MAN HRS 1		INITS & TDM 2		MAN HRS 4	
Continued								Continued	

AIRFRAME SP 2 (8) (1 to 8)		SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS		AP 101B-1300-5A3A Sect 1 Chap 1		SERVICING RECORD RAF Form 2988B Aircraft Ser No: Date:				
REAR FUSELAGE - FITTING					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
BLOCK 1 AIRFRAME										
14. <u>Completion</u> 14.1 Safety strap. ) 14.2 Rear fuselage trolley. ) Remove. 14.3 Centre fuselage trestle. )										
BLOCK 2 AIR COMMS										
15. <u>Testing</u> 15.1 Telebriefing installation. Test (SP 272).										
BLOCK 3 ELECTRICAL										
16. <u>Testing</u> 16.1 Jet pipe top temperature control system. Test (SP 194).										

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