

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

## SERVICING PROCEDURES

AP101B-1300-5A3A

## COMPONENT REPLACEMENTS

## Sect 1

HUNTER ALL MARKS

Chap 1

AMENDED TO INCLUDE MK 9

## List of Contents cont.

SP No

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 RAF Form 2988B Aircraft Ser No: Date:			
<u>REAR FUSELAGE - REMOVAL</u>					<u>TRADESMAN</u>		<u>Brief Details of Suspected Defect and SNOW When Applicable</u>		<u>SUPERVISOR</u>	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD					MAN HRS 1	INITS & TDM 2	MAN HRS 3	INITS & TDM 4	MAN HRS 5	
TRADE AF, EL, P, FS, AC	M/HRS	TRADE	M/HRS	SP 19, 23	ASSOCIATED PROCEDURE CARDS	Code				
<u>Special Tools and Equipment:</u>  N11.										
BLOCK 1  1. <u>Preparation</u>  1.1 Batteries. Ensure switched off.										
BLOCK 2  2. <u>Preparation</u>  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:			
<u>REAR FUSELAGE - 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
BLOCK 1		AIRFRAME				
3. <u>Preparation</u>						
3.1 Aircraft. 3.2 Centre fuselage. 3.3 Rear fuselage. 3.4 Safety strap.		Raise on jacks. Position trestle. Position trolley. 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).				
						Continued

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:			
<u>REAR FUSELAGE - 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 2		MAN HRS 4	
						INITS 5	
BLOCK 1	AIRFRAME						
6. <u>Preparation</u>							
6.1 Detachable spine (Transport joint).	Remove.						
6.2 Flying control rods. (Transport joint).	Disconnect.						
6.3 Hydraulic blanking caps.	Remove from stowage on rear fuselage.						
6.4 Hydraulic self sealing couplings. (Transport joint).	(i) Disconnect. (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.						

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:			
<u>REAR FUSELAGE - 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
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 ) transport joint and upper Starboard position). )						
BLOCK 3		FLT SYSTEMS				
10. <u>Preparation</u>						
10.1 Compass cable GC9. ) Disconnect.						
						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:			
<u>REAR FUSELAGE - 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
BLOCK 1		PROPELLION				
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.		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		AIRFRAME				
13. <u>Removal</u>		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			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		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. (i) Disconnect. (ii) 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:					
				TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
				MAN HRS	INITS & TDM	3	MAN HRS	INITS & TDM	
REAR FUSELAGE - REMOVAL				1	2				
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD									
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).							

<p>AIRFRAME SP 2 (1) (1 to 8) AL 18</p> <p>SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS</p> <p>Amended to include Mk 9 content.</p> <p>REAR FUSELAGE - FITTING</p>					<p>AP 101B-1300-5A3A Sect 1 Chap 1</p> <p>SERVICING RECORD Aircraft Ser No: Date:</p>		RAF Form 2988B	
					<p>TRADESMAN</p>		<p>Brief Details of Suspected Defect and SNOW When Applicable</p>	
					MAN HRS 1	INITS & TDM 2	MAN HRS 4	INITS & TDM 5
<p>SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD</p> <p>TRADE AF, EL, P, NI, AC</p> <p>M/HRS</p> <p>TRADE SP 19, 23</p> <p>M/HRS</p> <p>ASSOCIATED PROCEDURE CARDS</p> <p>Code</p>								
<p><u>Special Tools and Equipment:</u></p> <p>Spigot Checking Tool, 26FX/95223 Pt No B200521.</p>								
<p>BLOCK 1</p> <p>PROPELLION</p> <p>1. <u>Preparation</u></p> <p>Sub-item 1.1 is applicable only to Mk 6, 6A and 9 aircraft.</p> <p>1.1 Twin gate valve seals.      Examine.</p>								
<p>BLOCK 2</p> <p>ELECTRICAL</p> <p>2. <u>General</u></p> <p>2.1 Power supplies.      (i) Set to 'OFF'.</p> <p>2.2 Firewire elements (035502).      (ii) Examine and particularly for signs of kinking, chaffing and mechanical damage.</p>								

AIRFRAME SP 2 (2) (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:				
<u>REAR FUSELAGE - FITTING</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
BLOCK 1		ELECTRICAL					
2. <u>General Cont</u>		<ul style="list-style-type: none"> <li>(ii) Ensure that, except at clipping points, elements are spaced at least 0.25 in, from adjacent surfaces 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-0201-1).</li> </ul>					
Sub-item 2.3 is applicable only to Mk 6, 6A and 9 aircraft.							
2.3 Cable PC15 and EX6.		Position and tape to centre fuselage.					

AIRFRAME SP 2 (3) (1 to 8)	SERVICING PROCEDURES COMPONENT REPLACEMENTS HUNTER ALL MARKS	AP 101B-1300-5A3A Sect 1 Chap 1	SERVICING RECORD				RAF Form 2988B	
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<u>REAR FUSELAGE - FITTING</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
BLOCK 1			AIRFRAME					
3. <u>Fitting</u>								
3.1	Fuselage attachment spigot nuts (010313).	(1) Ensure tight using special tool, 26FX/95223. (11) Re-peen as necessary.						
3.2	Airbrake hydraulic self sealing couplings blanking caps.	Remove.						
3.3	Rear fuselage.	Position.						
3.4	Rear fuselage securing nuts.	(1) Connect in opposing pairs. (11) Lock with wire (0.8 mm).						
BLOCK 2			PROPELLION					
4. <u>Fitting</u>								
4.1	Jet pipe.	(1) Offer up to engine. (11) Ensure sealing ring is positioned in its groove and fastened by link lock.						
4.2	Keeper plates.	Fit.						
4.3	Stirrups.	Position.						
4.4	Stirrup nuts.	(1) Fit. (11) 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	
REAR FUSELAGE - FITTING				Aircraft Ser No: Date:			
				TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR
				MAN HRS 1	INITS & TDM 2	MAN HRS 3	INITS & TDM 4
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD							
BLOCK 1		PROPELLION					
4. <u>Fitting</u> Cont							
4.5 Jet pipe trunnions.		Ensure clearance between trunnion and guide rails as 0.22 in, PLUS or MINUS 0.03 in.					
4.6 Jet pipe trunnions.		Sub-item 4.6 is applicable only if clearance found in Sub-item 4.5 is outside limits. Shim as necessary.					
BLOCK 2		PROPELLION					
5. <u>Fitting</u>							
5.1 Fuel pipes (Twin gate valve).		Reconnect.					
5.2 Fuel gatevalve.		Set to open.					
5.3 Fuel tank pressurization pipes		(Transport joint).					
5.4 Engine drain pipe bearing cooling outlet pipes.		Reconnect.					

AIRFRAME SP 2 (5) (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:					
<u>REAR FUSELAGE - FITTING</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				
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 (Port and Starboard).	(i) Examine. (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.					

AIRFRAME SP 2 (6) (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:				
<u>REAR FUSELAGE - FITTING</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
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			RAF Form 2988B		
			Aircraft Ser No: Date:					
<u>REAR FUSELAGE - FITTING</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	
BLOCK 1 11. <u>Fitting</u> Cont		AIRFRAME						
11.3 Hydraulic blanking caps.		Reconnect to stowage on rear fuselage.						
11.4 Flying control rods (Transport joint).		Reconnect.						
11.5 Rear transport joint butt strap.		(1) Refit. (11) Ensure chains of hydraulic coupling blanking caps pass under trunnion						
11.6 Detachable spine (Transport joint).		Refit.						
BLOCK 2		AIRFRAME						
12. <u>Fitting</u>								
12.1 Tail cone.		Refit (SP24).						
BLOCK 3		AIRFRAME						
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.						
						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:			
<u>REAR FUSELAGE - FITTING</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 3	INITS & TDM 4
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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