

NDT
AL4

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 15

List of Contents

	SP No.
Fin Rear Attachment Fitting - Cracking ...	526
Fin Rear Attachment Fitting - Cracking ...	527
Nose Undercarriage Main Fitting - Cracking ...	528
Main Undercarriage Main Fitting - Cracking ...	529
►Frames 18A and 18B (Front Transportation Joint) Pre Repair C49433 Aircraft Only - Cracking ...	530◀

NDT SP 526 (1) (1 to 3)				SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS				AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD RAF Form 2988B (Revised Jan 85) Aircraft Ser No: Date:			
FIN REAR ATTACHMENT FITTING - CRACKING								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 NDT	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS				Code					
<u>Special Tools and Equipment:</u> See relevant technique and AP.													
BLOCK 1 <div style="text-align: right; margin-right: 20px;">AIRFRAME</div> <div> <div>1. <u>Preparation</u></div> <div> <div>1.1 Fin.</div> <div>Remove. (AP101B-1300-1).</div> </div> <div> <div>1.2 Rib 'A' cover plate.</div> <div>Remove.</div> </div> <div> <div>NB: During Sub-item 1.3 where fittings are retained with a plain nut then that nut together with the bolt and washer must be discarded.</div> </div> <div> <div>1.3 Rear attachment fittings port and starboard, spar arms lower bolts, slotted nuts and washers.</div> <div>Remove.</div> </div> <div> <div>1.4 Rear attachment fittings port and starboard.</div> <div>Clean, ensuring excess sealant and flaking paint removed.</div> </div> </div>													
SMS/ 145								Continued					

NDT SP 526 (2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
FIN REAR ATTACHMENT FITTING - CRACKING						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						Code	MAN HRS 1	INITS & TDM 2	MAN HRS 4	INITS & TDM 5	
BLOCK 1 NDT 2. <u>Examination</u> 2.1 Rear attachment fittings port and starboard. Carry out technique Hunter/Mag/1.											
BLOCK 2 AIRFRAME NB: Item 3 is only applicable if cracking was indicated during Item 2. 3. <u>Rectification</u> 3.1 Fin. Carry out repair scheme CSK 44024 and CSK 43997.											
BLOCK 3 AIRFRAME 4. <u>Completion</u> 4.1 Rear attachment fittings port and starboard. Restore surface finish. (AP101B-1300-1).											
SMS/ 145A						Continued					

NDT SP 527 (1) (1 to 3)				SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
FIN REAR ATTACHMENT FITTINGS - CRACKING								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 ELECT NDT	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS									
				Hunter/Mag/2A. Hunter/Mag/3.				Code					
Special Tools and Equipment:													
See relevant technique and AP.													
BLOCK 1 ELECTRICAL													
1. Preparation													
1.1 External electrical power supply. (i) Connect. (ii) Switch on.													
BLOCK 2 AIRFRAME													
2. Preparation													
2.1 Tailplane. Operate to fully "nose down" position.													
BLOCK 3 ELECTRICAL													
3. Preparation													
3.1 External electrical power supply. (i) Switch off. (ii) Disconnect.													
SMS/ 147													

NDT SP 527 (2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
FIN REAR ATTACHMENT FITTINGS - CRACKING				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				Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
BLOCK 1 AIRFRAME									
4. <u>Preparation</u>									
4.1 Tailplane fairings port and starboard, top and bottom.									
4.2 Access panels port and starboard.									
4.3 Plug chekaleke No.15 port and starboard.									
4.4 Rear attachment fittings port and starboard.									
BLOCK 2 NDT									
5. <u>Examination</u>									
5.1 Rear attachment fittings port and starboard.									
BLOCK 3 NDT									
6. <u>Examination</u>									
6.1 Rear attachment fittings port and starboard.									
SMS/147A				Continued					

NDT SP 527 (3)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
FIN REAR ATTACHMENT FITTINGS - CRACKING						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						Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
BLOCK 1 AIRFRAME NB: Item 7 is only applicable if cracking was indicated during Items 5 and 6. 7. <u>Rectification</u> 7.1 Fin. Replace or carry out repair scheme CSK 44024 and CSK 43997.											
BLOCK 2 AIRFRAME 8. <u>Completion</u> 8.1 Rear attachment fittings port and starboard. Restore surface finish. (AP101B-1300-1).											
BLOCK 3 AIRFRAME 9. <u>Completion</u> 9.1 Plug chekaleke No.15 port and starboard. Refit. 9.2 Access panels port and starboard. Refit. 9.3 Tailplane fairings port and starboard, top and bottom. Refit.											
SMS/148											

NDT SP 528 (1) (1 to 4)				SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
NOSE UNDERCARRIAGE - EXAMINATION OF MAIN 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
TRADE NDT AF	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS SP 129.			Code						
Special Tools and Equipment: See relevant technique and AP.													
BLOCK 1 ELECTRICAL 1. <u>Preparation</u> 1.1 Main fitting nameplate. Remove. 1.2 Surface finish. Remove. (Fig.1). 1.3 Grease nipple at bottom of main fitting. Remove.													
BLOCK 2 NDT 2. <u>Examination</u> 2.1 Main fitting. Carry out Technique Hunter/Ult/6A.													
SMS/ 149												Continued	

NDT SP 528 (2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
NOSE UNDERCARRIAGE - EXAMINATION OF MAIN 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						Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
BLOCK 1 AIRFRAME NB: Item 3 is only applicable if cracking was indicated during Item 2. 3. <u>Rectification</u> 3.1 Nose undercarriage. (i) Remove. (ii) Dismantle. (AP1803E Vol 1, Sect 6 Chap 6). 3.2 Main fitting. Clean thoroughly internally and externally.											
BLOCK 2 NDT NB1: Item 4 is only applicable if cracking was indicated during Item 2. NB2: During Item 4 fittings which still show evidence of cracking are to be rejected. 4. <u>Re-Examination</u> 4.1 Main fitting. Carry out Technique Hunter/EDD/11.											
BLOCK 3 AIRFRAME NB: Item 5 is only applicable if <u>no</u> cracking was indicated during Item 4. 5. <u>Re-Assembly</u> 5.1. Nose undercarriage. (i) Reassemble.) AP1803E, Vol 1, (ii) Test.) Sect 6, Chap 6.											
SMS/ 149A						Continued					

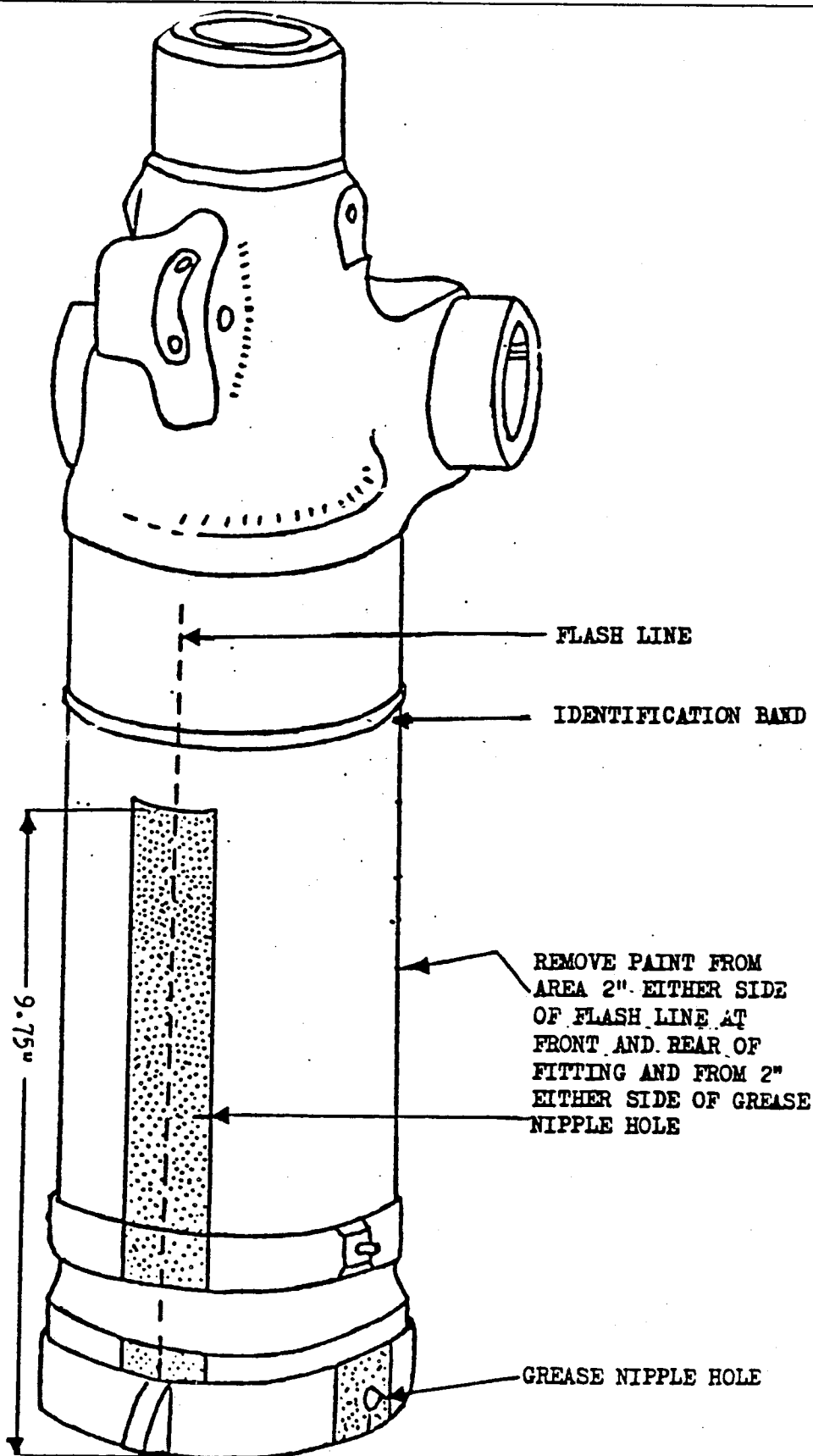
NDT SP 528 (3)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
NOSE UNDERCARRIAGE - EXAMINATION OF MAIN FITTING						TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
BLOCK 1 AIRFRAME NB: Item 6 is only applicable if nose u/c removed at Item 3. 6. <u>Recovery</u> 6.1 Nose undercarriage assembly. Fit/Refit. 6.2 U/C operating system. Test. (SP 129).											
BLOCK 2 AIRFRAME 7. <u>Completion</u> 7.1 Grease point at bottom of Main Fitting. (i) Refit nipple. (ii) Lubricate. (XG 287). 7.2 Surface finish. Replace using Primer 33B/2205782 and Finish 33B/2205774. 7.3 Main Fitting Nameplate. Refit.											
SMS/ 150						Continued					

NDI
SP 528 (4)

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 15

NOSE UNDERCARRIAGE - EXAMINATION OF MAIN FITTING



NOSE UNDERCARRIAGE MAIN FITTING FIG. 1

SMS / 151

SMS 53D

HUN/5A3C/1.227

NDT SP 529 (1) (1 to 4)				SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS				100-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)	
MAIN UNDERCARRIAGE - EXAMINATION OF MAIN 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
TRADE NDT AF	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS											
				SP 129.				Code							
Special Tools and Equipment:															
See relevant Technique and SP.															
BLOCK 1 AIRFRAME															
1. Preparation															
1.1 Leg fairing forward link. Disconnect from main fitting.															
1.2 Clip securing hydraulic pipes to leg. Slacken.															
1.3 Hydraulic pipes. Ease gently from leg to facilitate examination.															
1.4 Grease nipple at bottom of main fitting. Remove.															
1.5 Surface finish. Remove as necessary from base of main fitting.															
1.6 Area around and below larger retraction pin attachment lug. Clean.															
SMS/152								Continued							

NDT SP 529 (2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)	
MAIN UNDERCARRIAGE - EXAMINATION OF MAIN 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				Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
BLOCK 1 NDT									
2. <u>Examination</u>									
2.1 Main fitting. Carry out Technique Hunter/EDD/9.									
2.2 Main fitting. Carry out Technique Hunter/Ult/5A.									
BLOCK 2 AIRFRAME									
3.1 Aircraft. Raise on jacks.									
3.2 Hydraulic system. Exhaust pressure.									
3.3 Wheel brake system. Exhaust pressure.									
3.4 Bolt securing upper swivel pipe spigot to main fitting. Remove.									
3.5 Wheel brake and recuperator pipes. (3 Off). (i) Disconnect at break point below lugs. (ii) Blank.									
3.6 Swivel pipes. Swing away from main fitting.									
BLOCK 3 NDT									
4. <u>Examination</u>									
4.1 Main fitting. Carry out Technique Hunter/EDD/6A.									

SMS/152A

Continued

NDT SP 529 (3)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		101B-1300-5A3C Sect 4 Chap 15		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
MAIN UNDERCARRIAGE - EXAMINATION OF MAIN 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						Code	MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
BLOCK 1 AIRFRAME NB: Item 5 is applicable only if defects were discovered in Items 2 or 4. 5. <u>Rectification</u> 5.1 Main undercarriage assembly. Replace.											
BLOCK 2 AIRFRAME 6. <u>Recovery</u> 6.1 Surface finish. Replace as necessary using primer 33B/2205782 and finish 33B/2205774. 6.2 Grease point at bottom of main fitting. (i) Refit nipple. (ii) Lubricate. (XG-287). 6.3 Wheel brake and recuperator pipes. (3 Off). (i) Remove blanks. (ii) Reconnect. 6.4 Upper swivel pipe spigot. Refit to main fitting. 6.5 Hydraulic pipes. (i) Position. (ii) Secure to leg with clips. 6.6 Leg fairing forward link. Reconnect to main fitting. 6.7 Wheel brake and recuperator system. Bleed.											
SMS/ 153						Continued					

NDT
SP 529 (4)

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-1300-5A3C
Sect 4
Chap 15

SERVICING RECORD

RAF Form 2988B
(Revised Jan 85)

Aircraft Ser No:
Date:

MAIN UNDERCARRIAGE - EXAMINATION OF MAIN FITTING

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD	Code	TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable 3	SUPERVISOR	
		MAN HRS 1	INITS & TDM 2		MAN HRS 4	INITS & TDM 5
BLOCK 1 AIRFRAME						
7. <u>Testing</u>						
7.1 Hydraulic system. Replenish. (5A2 Sect 2).						
7.2 Wheel brake system. (i) Operate. (ii) Ensure pressure relieved when Maxaret operation is simulated.						
7.3 Undercarriage operating system. Test. (SP 129).						

SMS/153A3C

NDT SP530(1) (1 to 2) AL4		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 15		MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89)	
FRAMES 18A and 18B (FRONT TRANSPORTATION JOINT) PRE REPAIR C49433 AIRCRAFT ONLY - CRACKING						Aircraft/Equipment:	
SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						Ser No:	
Date:							
TRADE	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS			
AF							
NDT							
Special Tools and Equipment: See relevant Technique and AP.							
BLOCK 1 AIRFRAME							
1. Preparation							
1.1 Frames 18A and 18B. (Front transportation joint).						Paint strip both frames to 12 inches either side of upper centre bolts.	
BLOCK 2 NDT							
2. Examination							
2.1 Frames 18A and 18B. (150303 MSL).						Carry out NDT Technique Hunter/EDD/13.	
BLOCK 3 AIRFRAME							
NB Item 3 is applicable only if cracks are found.							
3. Limitations							
3.1 Circumferential cracks.						Measure aggregate length of cracks found in both frames. (Where cracking emanates from bolt hole, bolt hole diameter is to be included in aggregate length).	
NB Sub-item 3.2 is applicable only if the aggregate length of cracks found is between 2.5 and 4.5 inches.							
3.2 F700.						Make a suitable entry that aircraft is serviceable to fly but restricted to a maximum of +2.5g and frames are to be repaired at next major servicing. Should the aircraft exceed +2.5g the contents of SP 530 are to be re-applied before the next flight.	

NDT SP5 AL4		SERVICING PROCEDURES MISCELLANEOUS HUNTER AL MARKS		AP101B-1300-5A3C Sect Chap		MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89)	
FRAMES 18A and 18B (FRONT TRANSPORTATION JOINT) PRE REPAIR C49433 AIRCRAFT ONLY - CRACKING						Aircraft/Equipment:	
				Ser No:		Date:	
SAFETY AND MAINTENANCE NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD				Tradesman		Brief details of suspected fault(s) and SNOW(s)	
				C o d e	Man Hrs 1	Inits & TDM 2	Supervisor Man Hrs 4
BLOCK 1 AIRFRAME							
3. <u>Limitations</u> (Contd)							
NB Sub-item 3.3 is applicable only if the aggregate length of cracks exceeds 4.5 inches.							
3.3 Aircraft. Request categorization iaw AP100B-01, Order 2350.							
3.4 Non-circumferential cracking. Report by signal to HQSTC (Attn SM(STC)58(RAF) any occurrences. Aircraft not to be flown until advised by EA.							
BLOCK 2 AIRFRAME							
4. <u>Completion</u>							
4.1 Frame 18A and 18B. (Paint stripped area). Re-protect using PX-24.							
4.2 Reporting. Reporting all incidents of cracking, using MOD form 762 (NDT Test Report) to HQSTC, Attn SM(STC)58(RAF).							
SM 90/1674 (10A) CSDE							



This file was downloaded
from the RTFM Library.

Link: www.scottbouch.com/rtfm

Please see site for usage terms,
and more aircraft documents.

