

ELECTRICAL
AL7SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKSAP101B-1300-5A3C
Sect 4
Chap 3

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ELECTRICAL SP 467 (1) (1 to 2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 3		SERVICING RECORD		RAF Form 2988B (Revised Jan 85)	
BRIDGE AND SINGLE PILLAR LAMPHOLDERS LAMP HOUSINGS - INSECURITY NB: This Procedure is applicable only to Mk7, 7A and 8B Aircraft.						Aircraft Ser No: Date:			
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	
TRADE Elect	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS		MAN HRS 1	INITS & TDM 2	MAN HRS 4	INITS & TDM 5
Special Tools and Equipment: Nil.						Code			
NB 1: This Procedure is applicable to: (i) Bridge Lampholders Ref.No.5CX/5350 - 5362 and 5CX/5371 - 5372 fitted with cap housing Ref.No.5CX/5365. (ii) Single Pillar Lampholders Ref.No.5CX/5363 - 5364 with cap housing Ref.No. 5CX/5365.									
NB 2: If positive click action and firm retention of cap is not obtained when fitting lamp cap, a lamp cap of the latest design identified by indentation in crown, is to be tried.									
BLOCK 1 ELECTRICAL									
1. <u>Bridge and Single Pillar</u> <u>Lampholders Fitted with</u> <u>Spring Rings</u>									
1.1 Lamp caps. Remove.									
NB: Operations (i) and (ii) are applicable only to lampholders of the early design which have sawcuts in the rims.									
1.2 Lampholders.						<ul style="list-style-type: none"> (i) Ensure two sawcuts in rim. (ii) Ensure tongue in place between sawcuts. (iii) Ensure spring ring carrying locating peg is flat on circumference of holder ring and that peg penetrates through its locating hole. 			
SMS/125		Continued							

ELECTRICAL SP 467 (2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 3		SERVICING RECORD				RAF Form 2988B (Revised Jan 85)			
BRIDGE AND SINGLE PILLAR LAMPHOLDERS LAMP HOUSINGS - INSECURITY						Aircraft Ser No: Date:							
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		SUPERVISOR	
BLOCK 1		ELECTRICAL						MAN HRS 1	INITS & TDM 2			MAN HRS 4	INITS & TDM 5
1. <u>Bridge and Single Pillar Lampholders Fitted with Spring Rings (Contd)</u>													
1.3 Filament.		Ensure fitted.											
1.4 Cap housing.		<ul style="list-style-type: none"> (i) Press fully home. (ii) Ensure clicks into position. (iii) Ensure firm pull required to remove. (iv) Refit. 											
BLOCK 2		ELECTRICAL											
2. <u>Bridge Lampholders Not Fitted with Spring Rings</u>													
2.1 Cap housing.		Remove.											
2.2 Lampholders.		Ensure tongue formed by two sawcuts in rim is in good condition and has not been forced outwards.											
2.3 Filament.		Ensure fitted.											
2.4 Cap housing.		<ul style="list-style-type: none"> (i) Press fully home. (ii) Ensure clicks into position. (iii) Ensure firm pull is required to remove. (iv) Refit. 											
SMS/ 125A													

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Continued

ELECTRICAL SP 468 (2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 3		SERVICING RECORD				RAF Form 2988B (Revised Jan 85)	
						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	MAN HRS 5	
EARTH POINT SERVICING											
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						Code					
BLOCK 1		ELECTRICAL NCO									
NB: During Item 3 power supply circuits will necessitate running of engines.											
3.1 Earth point.		Check millivolt drop across earth connection with curcits(s) operating, maximum permissible reading 100mV at 100 per cent load.									
BLOCK 2		ELECTRICAL									
4. <u>Completion</u>											
NB: Sub-item 4.1 is applicable only to bolt connections.											
4.1 Earth point.		Seal, with appropriate protective finish.									
NB: Sub-item 4.2 is applicable only to stud connections.											
4.2 Earth point.		Seal, using Sealant Compound PR1422/BT 1/2.									
4.3 Earth point.		Mark, using Blue Paint 33B/1076 or 33B/9428808.									
SMS/126A											

ELECTRICAL SP469(1) (1 and 2) AL7 <u>MAIN BATTERY QUICK DISCONNECT - EXAMINATION</u>					SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 3		MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89)				
									Aircraft/Equipment:				
									Ser No:		Date:		
TRADE	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS				Tradesman C o d e Man Hrs 1		Brief details of suspected fault(s) and SNOW(s) 3		Supervisor Man Hrs 4	
<u>Special Tools and Equipment :</u> Gauge, 5J/4961284. Spring Balance, 1A/9102367													
NB If a battery quick disconnect fails examination the battery quick disconnect or its defective piece parts are to be replaced.													
BLOCK 1 ELECTRICAL													
1. <u>Preparation</u>													
1.1 External power supplies. (i) Ensure switched off. (ii) Ensure disconnected.													
1.2 Main battery. (2 off). Ensure disconnected.													
BLOCK 2 ELECTRICAL													
2. <u>Examination</u>													
2.1 Battery quick disconnect (2 off) (i) Examine. pin insert. (4 off). (ii) Look for signs of corrosion. (iii) Look for signs of electrical arcing.													
2.2 Battery quick disconnect handwheel worm drive assembly. (2 off). (i) Examine. (ii) Look for excessive play.													
2.3 Gauge. (5J/4961284). Fully insert 0.385 in. diameter end into a battery quick disconnect pin insert.													
2.4 Spring balance. (1A/9102367). (i) Attach to gauge. (5J/4961284). (ii) Check force required to remove gauge from pin insert exceeds 1 lbf. (iii) Repeat Sub-item 2.3 and 2.4 operations (i) and (ii) for remaining battery quick disconnect pin inserts.													
SM 94/0013 (3)					Continued								

ELECTRICAL SP469(2) AL7		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS	AP101B-1300-5A3C Sect 4 Chap 3	MAINTENANCE RECORD		RAF Form 2988B (Revised Apr 89)	
<u>MAIN BATTERY QUICK DISCONNECT - EXAMINATION</u>							
				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)	
BLOCK 1		ELECTRICAL		C o d e	Man Hrs 1	Initis & TDM 2	3
2.	<u>Examination</u> (Contd)						
2.5	Gauge. (5J/4961284).	Fully insert 0.370 in. diameter end into a battery quick disconnect pin insert.					
2.6	Spring balance. (1A/9102367).	(i) Attach to gauge. (5J/4961284). (ii) Check force required to remove gauge from pin insert 1 lbf plus or minus 2 oz. (iii) Repeat Sub-item 2.5 and 2.6 operations (i) and (ii) for remaining battery quick disconnect pin inserts.					
BLOCK 2		ELECTRICAL					
3.	<u>Completion</u>						
3.1	Main battery. (2 off).	Reconnect.					

ELECTRICAL SP 470 (1) (1 of 1)				SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 3		SERVICING RECORD RAF Form 2988B (Revised Jan 85)					
MAIN TRUNKING JUNCTION BOXES - SEALING NB: This Procedure is applicable only to Mk7, 7A and 8B Aircraft.								Aircraft Ser No: Date:					
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	
TRADE	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS		Code	MAN HRS 1	INITS & TDM 2	MAN HRS 3	INITS & TDM 4	MAN HRS 5		
Elect													
Special Tools and Equipment: Bostik Sealant 1790 33H/2202125.													
BLOCK 1 ELECTRICAL													
NB: Item 1 is only applicable every Annual Ejection seat removal.													
1. <u>Examination</u>													
1.1 Main trunking junction boxes. (2 off). (036016).				(i) Remove lids. (ii) Examine the terminal blocks for corrosion. If found, clean off and lightly smear contacts and terminals with Silicone Compound (MS 4). (iii) Refit lids.									
BLOCK 2 ELECTRICAL													
2. <u>Completion</u>													
2.1 Main trunking junction boxes. (2 off).				Seal holes at corners of boxes with Bostik Sealant 1790 ensuring that the ventilation hole at the front outboard edge is not covered.									
2.2 Main trunking junction box lids. (2 off).				Seal lids using 2 in. black tape ensuring that the ventilation hole at the front outboard edge is not covered.									
SMS/ 127													



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