

ELECTRICAL
AL7

SERVICING PROCEDURES
MISCELLANEOUS
HUNTER ALL MARKS

AP101B-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 3	SUPERVISOR	
								MAN HRS 1	INITS & TDM 2		MAN HRS 4	INITS & TDM 5
TRADE Elect	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS								
								Code				
Special Tools and Equipment: Nil.												
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 Lampholders Fitted with 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) Aircraft Ser No: Date:					
BRIDGE AND SINGLE PILLAR LAMP HOLDERS LAMP HOUSINGS - INSECURITY						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 ELECTRICAL											
1. <u>Bridge and Single Pillar Lamp holders Fitted with Spring Rings (Contd)</u>											
1.3 Filament. Ensure fitted.											
1.4 Cap housing. (i) Press fully home. (ii) Ensure clicks into position. (iii) Ensure firm pull required to remove. (iv) Refit.											
BLOCK 2 ELECTRICAL											
2. <u>Bridge Lamp holders Not Fitted with Spring Rings</u>											
2.1 Cap housing. Remove.											
2.2 Lamp holders. 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. (i) Press fully home. (ii) Ensure clicks into position. (iii) Ensure firm pull is required to remove. (iv) Refit.											
SMS/ 125A											

ELECTRICAL SP 468 (1) (1 to 2)				SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS				AP101B-1300-5A3C Sect 4 Chap 3				SERVICING RECORD Aircraft Ser No: Date:				RAF Form 2988B (Revised Jan 85)							
EARTH POINT SERVICING												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	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS								Code											
Elect																							
Special Tools and Equipment: Anti Oxidant Compound 33C/1402. Sealant Compound PR/1422BT 1/2 33H/360. Blue Paint, 33B/1076 or 33B/9428808.																							
BLOCK 1				ELECTRICAL																			
1. Preparation																							
1.1 External power supplies.) (i) Switch off.															
1.2 Internal batteries.) (ii) Disconnect.															
BLOCK 2				ELECTRICAL																			
2. Earth Point																							
2.1 Earth point.								(i) Disconnect.															
								(ii) Clean contact surfaces using solvent for protective finish, aluminium wool for base metals.															
								(iii) Treat contact area with Anti-Oxidant Compound.															
								(iv) Reconnect.															
								(v) Remove surplus Anti-Oxidant Compound using trichloroethane.															
2.2 Internal batteries.) Connect.															
2.3 External power supplies.																							
SMS/126																							

Continued

ELECTRICAL SP 468 (2)		SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS		AP101B-1300-5A3C Sect 4 Chap 3		SERVICING RECORD Aircraft Ser No: Date:		RAF Form 2988B (Revised Jan 85)			
EARTH POINT SERVICING						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 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 curcuit(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				SERVICING PROCEDURES MISCELLANEOUS HUNTER ALL MARKS				AP101B-1300-5A3C Sect 4 Chap 3				MAINTENANCE RECORD RAF Form 2988B (Revised Apr 89)							
MAIN BATTERY QUICK DISCONNECT - EXAMINATION												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								Tradesman		Brief details of suspected fault(s) and SNOW(s)		Supervisor			
												C o d e	Man Hrs 1	Inits & TDM 2	3	Man Hrs 4	Inits & TDM 5		
Special Tools and Equipment : 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. Preparation																			
1.1 External power supplies.				(i) Ensure switched off.															
				(ii) Ensure disconnected.															
1.2 Main battery. (2 off).				Ensure disconnected.															
BLOCK 2				ELECTRICAL															
2. Examination																			
2.1 Battery quick disconnect (2 off) pin insert. (4 off).				(i) Examine.															
				(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)

MAIN BATTERY QUICK DISCONNECT - EXAMINATION

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)

Supervisor

BLOCK 1

ELECTRICAL

C
o
d
e

Man
Hrs
1

Inits
& TDM
2

3

Man
Hrs
4

Inits
& TDM
5

2. Examination (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. Completion

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) Aircraft Ser No: Date:			
MAIN TRUNKING JUNCTION BOXES - SEALING NB: This Procedure is applicable only to Mk7, 7A and 8B Aircraft.								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	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS									
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). <div style="margin-left: 200px;"> (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. </div>													
BLOCK 2 ELECTRICAL 2. <u>Completion</u> 2.1 Main trunking junction boxes. (2 off). 2.2 Main trunking junction box lids. (2 off). <div style="margin-left: 200px;"> Seal holes at corners of boxes with Bostik Sealant 1790 ensuring that the the ventilation hole at the front outboard edge is not covered. Seal lids using 2 in. black tape ensuring that the ventilation hole at the front outboard edge is not covered. </div>													
SMS/ 127													



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