

ELECTRICAL

SERVICING PROCEDURES

AP101B-1300-5A3B

FUNCTIONAL CHECKS AND TESTS

Sect 2

HUNTER ALL MARKS

Chap 3

AMENDED TO INCLUDE MK 9 CONTENT

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				Aircraft Ser No: Date:				
				TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		
				MAN HRS	INITS & TDM	3	MAN HRS	INITS & TDM
		SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD		1	2		4	5
BLOCK 1	ELECTRICAL							
3.	<u>Preparation</u> cont.							
3.3	Test switch assembly.							
(a)	Plugs.	Connect to tank relay boxes.						
(b)	D.C. supply plug.	Connect to battery voltage test socket on aircraft supply circuit.						
(c)	Switches.	Set to 'SUMMATION'.						
3.4	External power supply.							
	(i)	Connect.						
	(ii)	Switch on.						
BLOCK 2	PROPELLION							
4.	<u>Preparation</u>							
4.1	Pressurizing rig.	Connect at spine connection.						
4.2	Aircraft fuel system.							
	(i)	Pressurize.						
	(ii)	Defuel till gauges read 800 lbs approximately.						
BLOCK 3	ELECTRICAL							
5.	<u>Fuel System</u>							
5.1	Engine master start switch.	Set to 'ON'.						
5.2	Port fuel booster pump.	Set to 'ON' and ensure that Port fuel gauge indicates an increased rate of flow,						

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Date:

FUEL CONTENTS ZERO CHECK

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

5. Fuel System cont.

5.3 Port fuel low level warning lamp. Ensure illuminates when Port fuel gauge indicates approximately 650 lbs.

5.4 Engine master start switch }
5.5 Port fuel booster pump. } Set to 'OFF'.

TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
	MAN HRS	INITS & TDM	MAN HRS	INITS & TDM
1	2	3	4	5

BLOCK 2

PROPELLION

6. Preparation

6.1 Aircraft fuel system. (i) Drain to unusable fuel level.
(ii) Maintain pressure at normal working pressure.

BLOCK 3

ELECTRICAL

7. Test Switch Assembly

7.1 Test switches. Operate to energise rear and wings relay boxes BW13 and BW14.

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FUEL CONTENTS ZERO CHECK

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1 ELECTRICAL

8. Summation Circuit

8.1 BW13 relay box (Port). Adjust SUM trimmers and ensure Port
gauge reads zero.

8.2 BW14 relay box (Stbd). Adjust SUM trimmers and ensure Stbd.
gauge reads zero.

BLOCK 2 ELECTRICAL

9. Test Switch Assembly

9.1 Test switches. Operate to de-energise rear tank relays
of relay boxes BW13 and BW14.

BLOCK 3 ELECTRICAL

10. System

10.1 Rear matching circuit. Trim to zero, using rear C/O trimmers.

BLOCK 4 ELECTRICAL

11. Test Switch Assembly

11.1 Test switches. Operate to de-energise wing tank relays
of relay boxes BW13 and BW14.

Aircraft Ser No:
Date:

TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable			SUPERVISOR	
	MAN HRS	INITS & TDM	3	MAN HRS	INITS & TDM
1	2		4	5	

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SP 193A (5)

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FUEL CONTENTS ZERO CHECK

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Aircraft Ser No:
Date:

BLOCK	SECTION	DESCRIPTION	TRADESMAN		BRIEF DETAILS OF SUSPECTED DEFECT AND SNOW WHEN APPLICABLE		SUPERVISOR	
			MAN HRS	INITS & TDM	1	2	3	4
		SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						
BLOCK 1	ELECTRICAL							
12.	<u>System</u>							
12.1	Wing matching circuit.	Trim to zero using wing C/O trimmers.						
BLOCK 2	PROPELLION							
13.	<u>General</u>							
13.1	Internal tanks.	Replenish.						
BLOCK 3	ELECTRICAL							
14.	<u>General</u>							
14.1	Gauges.	Ensure indicating 'FULL'.						
BLOCK 4	ELECTRICAL							
15.	<u>Completion</u>							
15.1	External power supplies.	(i) Switch off. (ii) Disconnect.						
15.2	Test switch assembly. (a) Test switch plug. (b) D.C. supply plug.	Disconnect from tank relay boxes. Disconnect from battery voltage test socket.						

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FUEL CONTENTS ZERO CHECK

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL.

15. Completion cont.

15.3 Tank relay box BW13 (Port).) (i) Reconnect 3 pole plug.
 15.4 Tank relay box BW14 (Stbd).) (ii) Refit trimmer cover.

BLOCK 2

PROPELLSTON

16. Completion

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<u>FUEL CONTENTS ZERO CHECK</u>				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	
				MAN HRS 1	INITS & TDM 2			MAN HRS 4	INITS & TDM 5
BLOCK 1		ELECTRICAL							
15. <u>Completion</u> cont.									
15.3 Tank relay box BW13 (Port). } (i) Reconnect 3 pole plug.									
15.4 Tank relay box BW14 (Stbd). } (ii) Refit trimmer cover.									
BLOCK 2		PROPELLION							
16. <u>Completion</u>									
16.1 Pressurizing rig.		(i) Depressurize. (ii) Disconnect.							

ELECTRICAL SP 194A (1) (1 to 8)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 3	SERVICING RECORD		RAF Form 2988B
<u>JET PIPE TOP TEMPERATURE CONTROL SYSTEM</u> Applicable only to Mk6, 6A and 9 A/C.					Aircraft Ser No: Date:		
TRADE Elect.	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS	TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable 3	SUPERVISOR
					MAN HRS 1		INITS & TDM 2
<p><u>SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD</u></p> <p><u>Special Tools and Equipment:</u></p> <p>Ultra Test Set, Type QE2230, 5G/3204. Micro-switch clamp (Local Manufacture).</p>							
<p>BLOCK 1</p> <p>ELECTRICAL</p> <p>NB At all times, unless otherwise stated, the three position 'SPEED DATUM and REHEAT' switch is to be in the central position.</p> <p>1. <u>Test Set Battery Check</u></p> <p>1.1 Three position switch. Set to 'TEMPERATURE DATUM and SIGNAL'.</p> <p>1.2 Test selector switch.</p> <p>(i) Set to 'BATTERY' and ensure M2 indicates in the Green zone.</p> <p>(ii) Set to 'TC RESIST'.</p> <p>1.3 TC harness selector switch. Set to 'H'.</p> <p>1.4 Test key. Set to 'TC RESIST' and hold.</p> <p>1.5 Coarse control. Turn clockwise slowly. Note: M2 is to indicate full scale deflection before coarse control is fully clockwise.</p> <p>1.6 Test key. Release.</p> <p>1.7 Three position switch. Set to 'OFF'.</p>							

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SP 194A (2)

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JET PIPE TOP TEMPERATURE CONTROL SYSTEM

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Aircraft Ser No:
Date:

TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
	MAN HRS	INITS & TDM	MAN HRS	INITS & TDM
1	2	3	4	5

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

NB Ensure that Jet Pipe and Thermo-couples are at ambient temperature.

2. Thermo-couple Resistance Check

2.1 Test set. Connect to test socket using cable No. QY-2212.

2.2 Temperature signal coarse and fine controls. Set fully anti-clockwise.

2.3 Three position switch. Set to 'TEMPERATURE DATUM and SIGNAL'.

2.4 TC harness selector switch. Set to 'G'.

2.5 Test selector switch. Set to 'TC RESIST'.

2.6 M2 indicator. Adjust to zero.

2.7 Coarse control. Turn clockwise until M2 indicates at Red line.

2.8 Test key. Set to 'TC RESIST' and hold.

2.9 M2 indicator. Ensure remains at Red line.
Note: A decreased reading of more than four divisions indicates an open circuited thermo-couple. An increased reading of more than four divisions indicates the possibility of a short circuited thermo-couple.

2.10 Test key. Release.

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JET PIPE TOP TEMPERATURE CONTROL SYSTEM				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
				MAN HRS 1	INITS & TDM 2	MAN HRS 3	INITS & TDM 4 5
BLOCK 1		ELECTRICAL					
2. <u>Thermo-couple Resistance Check</u> cont.							
2.11 Coarse and fine controls. Set fully anti-clockwise.							
BLOCK 2		ELECTRICAL					
NB		Items 3.3 to 5.9 inclusive are to be carried out with No 2 (Standby) inverter and repeated with No 1 inverter on-line.					
3. <u>Amplifier Standing Current Check</u>							
3.1 External electrical power supply.		(i) Connect. (ii) Switch on.					
3.2 Nose wheel micro switch.		Press and hold using clamp.					
3.3 Type 100A inverter.		Switch on.					
3.4 Test selector switch.		Set to 'D.C.SOL'.					
3.5 M2 indicator.		Ensure reading does not exceed 50 mA.					
BLOCK 3		ELECTRICAL					
4. <u>Datum Temperature Check</u>							
4.1 Galvanometer clamp.		(i) Release. (ii) Set to 'FREE'.					
4.2 Galvanometer.		Adjust to zero.					

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Date:

JET PIPE TOP TEMPERATURE CONTROL SYSTEM

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

4. Datum Temperature Check cont.

4.3 Temperature datum scale. Adjust to indicate approximate datum temperature. (ie 685 degrees C).

4.4 Three position switch. Set to 'TEMPERATURE DATUM and SIGNAL'.

4.5 Temperature signal fine control. Turn five turns clockwise.

4.6 Coarse control. Turn clockwise slowly until M2 indicates approximately 200 mA.

4.7 Fine control. Adjust until M2 indicates 200 mA.
Note: Any delay experienced in this setting is due to the slow time response of the amplifier.

4.8 Galvanometer switch.
(i) Press and observe galvanometer deflection.
(ii) Release.
Note: If deflection is to the left, turn temperature control clockwise until a deflection of not more than three divisions is indicated by galvanometer. If deflection is to the right, turn temperature control anti-clockwise until a deflection of not more than three divisions is indicated by galvanometer.

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
MAN HRS	INITS & TDM	1	2	MAN HRS	INITS & TDM

ELECTRICAL SP 194A (5)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 3	SERVICING RECORD		RAF Form 2988B			
JET PIPE TOP TEMPERATURE CONTROL SYSTEM				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	
BLOCK 1		ELECTRICAL		MAN HRS	INITS & TDM	1	2	MAN HRS	INITS & TDM
4. <u>Datum Temperature Check</u> cont.									
4.8 Galvanometer switch cont.		(iii) Repeat Operations (i) and (ii) until correct deflection is obtained.							
4.9 M2 indicator.		Ensure remains at 200 mA.							
4.10 Temperature signal fine control.		Adjust as necessary.							
4.11 Galvanometer switch.		Set to 'GALVO IN'.							
4.12 Main temperature control.		Adjust until null is indicated by galvanometer. Datum temperature is to be 685 degrees, PLUS OR MINUS 5 degrees centigrade.							
4.13 Aircraft temperature		Ensure indicates correct datum temperature as indicated by test set.							
4.14 Galvanometer switch.		Set to central position.							
BLOCK 2		ELECTRICAL							
5. <u>Amplifier Gain Check</u>									
5.1 Temperature signal fine control.		Turn until M2 indicates 100 mA.							

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JET PIPE TOP TEMPERATURE CONTROL SYSTEM

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DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

5. Amplifier Gain Check cont.

5.2 Galvanometer switch.

- (i) Press to 'SET UP' and observe galvanometer deflection.
- (ii) Release.
Note: If deflection is to the left, turn temperature control clockwise until a deflection of not more than three divisions is indicated by galvanometer. If deflection is to the right, turn temperature control anti-clockwise until a deflection of not more than three divisions is indicated by the galvanometer.
- (iii) Repeat Operations (i) and (ii) until a correct deflection is obtained.

5.3 M2 indicator.

- (i) Ensure remains at 100 mA.
- (ii) Adjust if necessary using fine control.

5.4 Galvanometer switch.

Set to 'GALVO IN'.

5.5 Main temperature control.

Make final adjustments until null is indicated by the galvanometer.

5.6 Test set temperature scale.

Note temperature.

TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
	MAN HRS	INITS & TDM	MAN HRS	INITS & TDM
1	2	3	4	5

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SP 194A (7)

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JET PIPE TOP TEMPERATURE CONTROL SYSTEM

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
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BLOCK 1

ELECTRICAL

5. Amplifier Gain Check cont.

5.7 Fine control.

(i) Turn clockwise until M2 indicates
350 mA.

(ii) Repeat Sub-items 5.4, 5.5 and 5.6.

5.8 Galvanometer.

Set to central position.

5.9 Temperature.

Subtract temperature reading obtained in
Sub-item 5.6, from temperature reading
obtained in Sub-item 5.7 Operation (ii).
Difference is to be between 6 and 10
degrees centigrade inclusive.

5.10 Galvanometer clamp.

Set to 'CLAMP'.

BLOCK 2

ELECTRICAL

6. Over-ride Switch Check

6.1 Jet pipe control switch.

Set to 'OFF'.

6.2 M2 indicator.

Ensure indicates zero.

6.3 Inverter, Type 100A.

Switch off.

6.4 Jet pipe control switch.

Set to 'ON'.

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
MAN HRS	INITS & TDM	1	2	MAN HRS	INITS & TDM

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JET PIPE TOP TEMPERATURE CONTROL SYSTEM

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TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR		
MAN HRS	INITS & TDM	1	2	3	4	5
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						

BLOCK 1

ELECTRICAL

7. Completion

7.1 Coarse and fine controls. Turn fully anti-clockwise.

7.2 Nose wheel micro switch. Remove clamp.

7.3 External electrical power supply.
(i) Switch off.
(ii) Disconnect.

7.4 Test set.
7.5 Cable No QY.2212. } (i) Disconnect.
{} (ii) Remove.

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FLIGHT INSTRUMENTS SUPPLIES AND CHANGE-OVER SYSTEM (POST MOD 375) Applicable only to Mk6, 6A and 9 aircraft.															
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						MAN HRS 1	INITS & TDM 2	MAN HRS 3	INITS & TDM 4	MAN HRS 5	
Elect															
Special Tools and Equipment: Frequency Meter, 5Q/154. Voltmeter, 0 - 150V a.c., 5Q/25256.															
BLOCK 1 ELECTRICAL															
1. Preparation															
1.1		Battery master switch.		Set to 'OFF'.											
1.2		External d.c. power supply.		(i) Connect. (ii) Switch on.											
1.3		A.c. junction box cover.		Remove.											
BLOCK 2 ELECTRICAL															
2. No. 2 Inverter Check															
2.1		Engine master switch.		Set to 'ON'.											
2.2		Change -over indicator.		Ensure White.											
2.3		No. 2 inverter.		Ensure running.											
2.4		A.c. bus - bars.		(i) Check voltage is between 115 and 120V. (ii) Check frequency is between 390 and 400 Hz.											

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<u>FLIGHT INSTRUMENTS SUPPLIES AND CHANGE-OVER SYSTEM (POST MOD 375)</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		ELECTRICAL							
3. <u>No. 1 Inverter Check</u>		3.1 Test switch. Operate and hold on. 3.2 No. 2 inverter. Ensure stops. 3.3 No. 1 inverter. Ensure running. 3.4 Change-over indicator. Ensure Black. 3.5 A.c. bus-bars. (i) Check voltage is between 115 and 120V. (ii) Check frequency is between 390 and 400 Hz.							
BLOCK 2		ELECTRICAL							
		Item 4 is only applicable to aircraft Pre-Mod 1320.							
4. <u>Change-over Check</u>		4.1 Inverter selector switch. Set to 'STANDBY'. 4.2 No. 1 inverter. Ensure stops. 4.3 No. 2 inverter. Ensure running. 4.4 Inverter selector switch. Set to 'NORMAL'. 4.5 No. 2 inverter. Ensure stops. 4.6 No. 1 inverter. Ensure running. 4.7 Radar ranging switch. Set to 'ON'.							

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FLIGHT INSTRUMENTS SUPPLIES AND CHANGE-OVER SYSTEM (POST MOD 375)

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

4. Change-over Check cont.

4.8	No. 2 inverter.	Ensure running.
4.9	Radar indicator.	Ensure White.
4.10	Inverter selector switch.	Set to 'STANDBY'.
4.11	No. 1 inverter.	Ensure stops.
4.12	Change-over indicator.	Ensure White.
4.13	Radar indicator.	Ensure Black.
4.14	Inverter selector switch.	Set to 'NORMAL'.
4.15	No. 1 inverter.	Ensure running.
4.16	Radar indicator.	Ensure White.
4.17	No.1 inverter circuit breaker.	Trip.
4.18	Change-over indicator.	Ensure White.
4.19	Radar indicator.	Ensure Black.
4.20	No.1 inverter circuit breaker.	Reset.
4.21	No.1 inverter.	Ensure stops.
4.22	Inverter selector switch.	Set to 'STANDBY' momentarily and then back to 'NORMAL'.
4.23	No.1 inverter.	Ensure running.

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Date:

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable			SUPERVISOR	
MAN HRS	INITS & TDM 1	4	INITS & TDM 5			

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Aircraft Ser No:

Date:

FLIGHT INSTRUMENTS SUPPLIES AND CHANGE-OVER SYSTEM (POST MOD 375)

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1	ELECTRICAL	TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR			
		MAN HRS	INITS & TDM	1	2	3	MAN HRS	INITS & TDM	4
4.	<u>Change-over Check</u> cont.								
4.24	Radar indicator.		Ensure White.						
4.25	No.2 inverter circuit breaker.		Trip.						
4.26	No.2 inverter.		Ensure stops.						
4.27	Radar indicator.		Ensure Black.						
4.28	No.2 inverter circuit breaker.		Reset.						
4.29	No.2 inverter.		Ensure running.						
4.30	Radar indicator.		Ensure White.						
4.31	Test switch.		Release to 'NORMAL'.						
4.32	No.1 inverter.		Ensure stops.						
BLOCK 2	ELECTRICAL								
5.	<u>Change-over Check</u>	Item 5 is only applicable to aircraft Post Mod 1320.							
5.1	Inverter selector switch.		Set to 'STANDBY'.						
5.2	No.1 inverter.		Ensure stops.						
5.3	No.2 inverter.		Ensure running.						
5.4	Change-over indicator.		Ensure White.						

**ELECTRICAL
SP 197A (5)**

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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FLIGHT INSTRUMENTS SUPPLIES AND CHANGE-OVER SYSTEM (POST MOD 375)

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL.

5. Change-over Check cont.

5.5 Inverter selector switch. Set to 'NORMAL'.

5.6 No.2 inverter. Ensure stops.

5.7 No.1 inverter. Ensure running.

5.8 Change-over indicator. Ensure Black.

5.9 No.1 inverter circuit breaker. Trip.

5.10 No.1 inverter. Ensure stops.

5.11 No.2 inverter. Ensure running.

5.12 Change-over indicator. Ensure White.

5.13 No.1 inverter circuit breaker. Reset.

5.14 Inverter selector switch. Set to 'STANDBY' momentarily and then back to 'NORMAL'.

5.15 No.1 inverter. Ensure running.

5.16 No.2 inverter. Ensure stops.

5.17 Change-over indicator. Ensure Black.

**ELECTRICAL
SP 197A (6)**

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
Sect 2
Chap 3

SERVICING RECORD

RAF Form 29888

FLIGHT INSTRUMENTS SUPPLIES AND CHANGE-OVER SYSTEM (POST MOD 375)

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

ELECTRICAL SP 197B (1) (1 to 6)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 3	SERVICING RECORD		RAF Form 2988B		
					Aircraft Ser No: Date:				
					TRADESMAN		SUPERVISOR		
					MAN HRS 1	INITS & TDM 2	Brief Details of Suspected Defect and SNOW When Applicable 3	MAN HRS 4	INITS & TDM 5
<p><u>FLIGHT INSTRUMENT SUPPLIES AND CHANGE - OVER SYSTEM (PRE MOD 375 POST COM/MOD/4)</u> Applicable only to Mk6, 6A and 9 aircraft.</p> <p>SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD</p>									
TRADE Elect	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS					
<p><u>Special Tools and Equipment:</u></p> <p>Frequency Meter 5Q/154. Voltmeter 0-150 V.A.C. 5Q/25256. Local Manufactured Test Box, Fig 1 refers.</p>									
BLOCK 1		ELECTRICAL							
1. <u>Preparation</u>									
1.1 Battery master switch.		Set to 'OFF'.							
1.2 A.C. Junction box.		Disconnect Artificial Horizon plug GREY from socket on A.C.J.B.							
1.3 Test box.		<ul style="list-style-type: none"> (i) Connect test lead plug to GREY socket on A.C.J.B. (ii) Connect GREY plug from Artificial Horizon to socket from test box. 							
1.4 External D.C. power supply.		<ul style="list-style-type: none"> (i) Connect to aircraft. (ii) Switch 'ON'. 							

ELECTRICAL
SP 197B (2)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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FLIGHT INSTRUMENT SUPPLIES AND CHANGE - OVER SYSTEM (PRE MOD 375
POST COM/MOD/4)

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD.

DETAILED ON THIS CARD				When Applicable		
		HRS 1	& TDM 2	When Applicable 3	HRS 4	& TDM 5
BLOCK 1	ELECTRICAL					
2.	<u>No.2 Inverter Check</u>					
2.1	Change-over indicator.	Ensure white.				
2.2	Engine master switch.	Set to 'ON'.				
2.3	No.2 inverter.	Ensure running.				
2.4	Change-over indicator.	Ensure white.				
2.5	Test box.	(i) Check voltage is between 115 and 120 volts across all three phases. (ii) Check frequency is between 390 and 400 Hz.				
BLOCK 2	ELECTRICAL					
3.	<u>No.1 Inverter Check</u>					
3.1	Radar test switch.	Set to 'TEST'.				
3.2	No.2 inverter.	Ensure stops.				
3.3	No.1 inverter.	Ensure running.				
3.4	Change-over indicator.	Ensure black.				
3.5	Test box.	(i) Check voltage is between 115 and 120 volts across all three phases. (ii) Check frequency is between 390 and 400 Hz.				

ELECTRICAL
SP 197B (3)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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Chap 3

SERVICING RECORD

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Aircraft Ser No:
Date:

FLIGHT INSTRUMENT SUPPLIES AND CHANGE - OVER SYSTEM (PRE MOD 375
POST COM/MOD/4)

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1 **ELECTRICAL**

4. Change-over Check

4.1	Radar ranging switch.	Set to 'ON'.
4.2	No.2 and 1 inverters.	Ensure running.
4.3	Radar supply indicator.	Ensure white.
4.4	No.2 inverter circuit breaker.	Trip.
4.5	No.2 inverter.	Ensure stops.
4.6	Radar supply indicator.	Ensure black.
4.7	Inverter change-over indicator.	Ensure black.
4.8	No.2 inverter circuit breaker.	Reset.
4.9	No.2 inverter.	Ensure running.
4.10	Radar supply indicator.	Ensure white.
4.11	No.1 inverter circuit breaker.	Trip.
4.12	No.1 inverter.	Ensure stops.
4.13	Change-over indicator.	Ensure white.
4.14	Radar supply indicator.	Ensure black.

ELECTRICAL
SP 197B (4)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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SERVICING RECORD

RAF Form 29888

FLIGHT INSTRUMENT SUPPLIES AND CHANGE - OVER SYSTEM (PRE MOD 375
POST COM/MOD/4)

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

FLIGHT INSTRUMENT SUPPLIES AND CHANGE - OVER SYSTEM PRE MOD 375 POST COM/MOD/4.

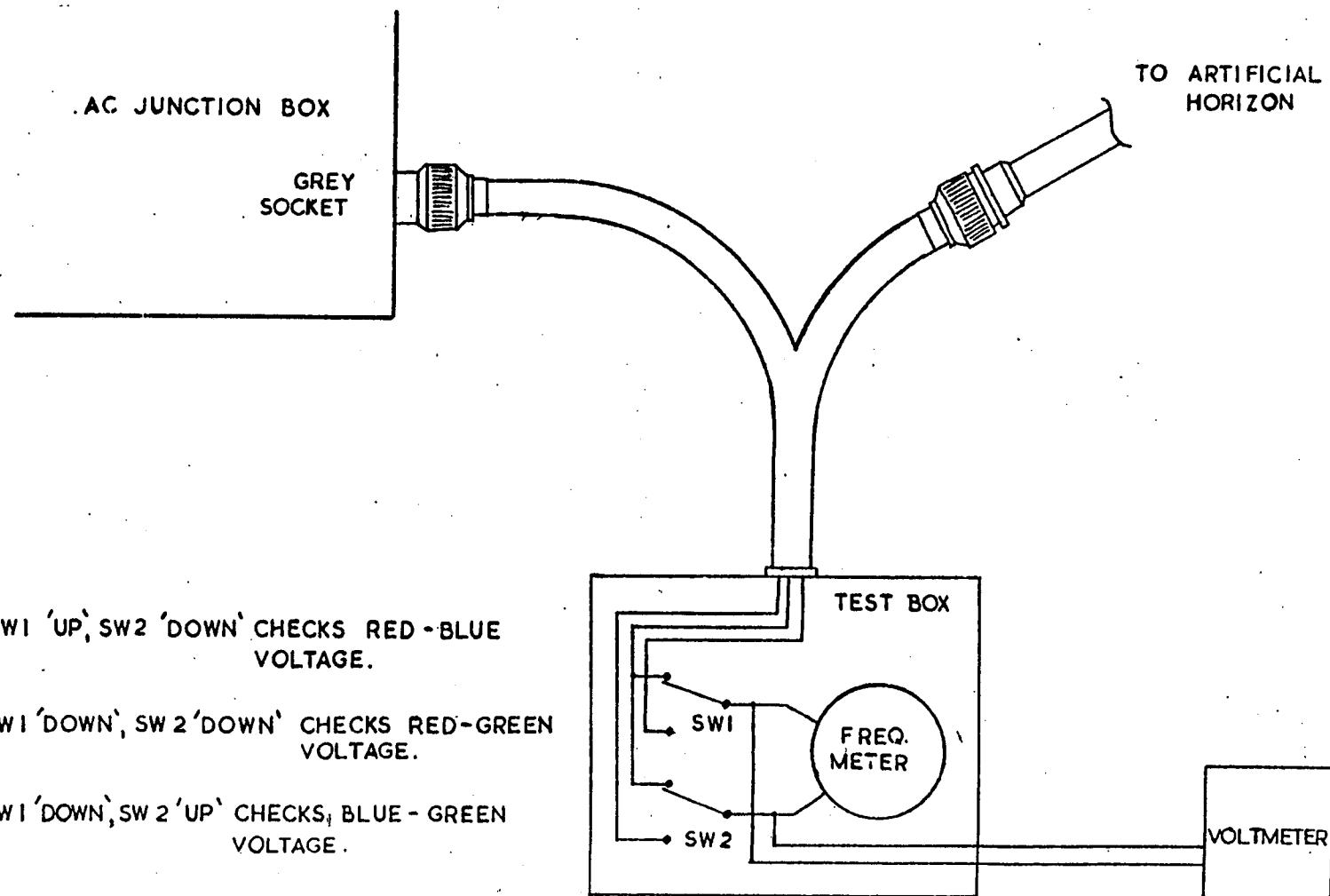


FIG 1

ELECTRICAL SP 198 (1) (1 to 5) DTEO (BD) AL1		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B - 1300 - 5A3B Sect 2 Chap 3		SERVICING RECORD		RAF Form 2988B			
						Aircraft Ser No Date					
FIRE WARNING AND EXTINGUISHER SYSTEM		<i>Amended to include FGA 9 XE601</i>									
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD						TRADESMAN		SUPERVISOR			
TRADE Elect.	M/Hrs	TRADE	M/Hrs	ASSOCIATED PROCEDURE CARDS		MAN HRS 1	INITS & TDM 2	Brief Details of Suspected Defect and SNOW when Applicable 3	MAN HRS 4	INITS & TDM 5	
Special Tools and Equipment : Test Lamps. Insulation Tester, Type 'C', 5G/6625 - 99 - 9156675. Safety Ohmmeter Mk5, 5G/1006388. Multimeter, Type 12889, 5QP/17447. 2 x 30 ft length of Unipren 6 (Unscreened).											
NB : On no account is an insulation test with an output in excess of 30V to be connected to any of the control unit terminals.											
BLOCK 1		ELECTRICAL									
1. <u>Preparation</u>											
1.1 Internal battery.)		(i) Switch off.							
1.2 External power supplies.)		(ii) Disconnect.							
1.3 Fire extinguisher(s) (2 off FGA 9). (1 off T Mk 7).				Disconnect.							
1.4 Test lamps.				Connect to extinguisher(s) supply sockets.							

**ELECTRICAL
SP 198 (2)**

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B - 1300 - 5A3B
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Chap 3

FIRE WARNING AND EXTINGUISHER SYSTEM

**SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD**

BLOCK 1 ELECTRICAL

2. Insulation and Continuity Checks

Note : During Sub-item 2.1 (ii) application of insulation tester is to be limited to a maximum of 5 seconds to prevent polarization of the elements.

2.1 Control unit.

- (i) Disconnect leads from terminals 7, 8 and 9.
- (ii) Check insulation between lead 7 and earth, and lead 8 and earth in turn. Minimum permissible resistance 1 megohm.
- (iii) Check continuity between leads 7 and 8. Maximum permissible resistance for complete circuit, 276 ohms (Mk6, 6A, and 9), 285 ohms (Mk7, 7A and 8B).
- (iv) Reconnect terminals 7, 8 and 9.

BLOCK 2 **ELECTRICAL**

3. Manual Operation.

3.1 Internal battery. (i) Connect. (ii) Switch on

3.2 Pilots push switch. Operate.

3.3 Test lamp. Ensure lit

3.4 Pilots push switch. Release

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SERVICING RECORD

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Aircraft Ser No
Date

TRADESMAN

MAN HRS	1
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**Brief Details of Suspected
Defect and SNOW when
Applicable**

SUPERVISOR

MAN HRS	INITS & TDM
4	5

ELECTRICAL SP 198 (3)	SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B - 1300 - 5A3B Sect 2 Chap 3	SERVICING RECORD			RAF Form 2988B								
			Aircraft Ser No Date											
<u>FIRE WARNING AND EXTINGUISHER SYSTEM</u>														
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD														
BLOCK 1	ELECTRICAL		TRADESMAN			SUPERVISOR								
3.	<u>Manual Operation cont.</u>		MAN HRS 1	INITS & TDM 2	Brief Details of Suspected Defect and SNOW when Applicable 3	MAN HRS 4	INITS & TDM 5							
3.5	Test lamp	Ensure extinguished.												
BLOCK 2	ELECTRICAL													
4.	<u>Automatic Operation</u>													
4.1	Inertia switches (2 off)	Remove. (Do not disconnect)												
4.2	Inertia switch. (Port)	Operate.												
4.3	Test lamp.	Ensure extinguished.												
4.4	Inertia switch. (Stbd)	Operate.												
4.5	Test lamp.	Ensure lit.												
4.6	Inertia switches. (Port & Stbd)	(i) Reset. (ii) Refit.												
4.7	Test lamp.	Ensure extinguished.												
BLOCK 3	ELECTRICAL													
5.	<u>Circuit Test.</u>													
5.1	Fire warning circuit test switch.	Operate.												
5.2	Fire warning indicator lamp.	Ensure lit.												

ELECTRICAL
SP 198 (4)
DTEO (BD) AL1

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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FIRE WARNING AND EXTINGUISHER SYSTEM

Amended to include FGA 9 XE601

**SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD**

ELECTRICAL SP 198 (4) DTEO (BD) AL1		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B - 1300 - 5A3B Sect 2 Chap 3	SERVICING RECORD Aircraft Ser No Date	RAF Form 2988B
FIRE WARNING AND EXTINGUISHER SYSTEM <i>Amended to include FGA 9 XE601</i>					
SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD					
BLOCK 1	ELECTRICAL	TRADESMAN		Brief Details of Suspected Defect and SNOW when Applicable	SUPERVISOR
		MAN HRS 1	INITS & TDM 2	3	MAN HRS 4
5.	<u>Circuit Test cont.</u>				
5.3	Fire warning circuit test switch.	Release.			
5.4	Fire warning indicator lamp.	Ensure extinguished.			
BLOCK 2	ELECTRICAL				
6.	<u>General</u>				
6.1	Test lamp.	(i) Ensure extinguished. (ii) Remove from extinguisher socket.			
6.2	Internal battery.	Switch off.			
6.3	Fire extinguisher(s) (2 off FGA 9). (1 off T Mk 7).	Reconnect.			
BLOCK 3	ELECTRICAL				
7.	<u>Testing.</u>				
7.1	Internal battery.	Disconnect.			
7.2	Fire extinguisher system.	(i) For Hunter Mks 6, 6A and FGA 9, using safety ohmmeter with 5 ohm resistor in parallel, check resistance between terminal 97 in supply panel and earth is			

ELECTRICAL
SP 199A (1)
(1 to 4)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
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Chap 3

GUN FIRING CIRCUIT TEST Applicable to Mk6, 6A and 9 aircraft only.

SERVICING RECORD

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Aircraft Ser No:
Date:

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
MAN HRS	INITS & TDM	1	2	MAN HRS	INITS & TDM

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD

TRADE	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS
Elect		Weap.		

Special Tools and Equipment:

Test Unit and Adapter Lead.

BLOCK 1 ELECTRICAL/WEAPONS

1. Preparation

- 1.1 Aden gun aircraft test unit. Fit to supply socket.
- 1.2 External d.c. power supply. Switch on.
- 1.3 Master armament safety break. Connect.
- 1.4 Gun master switch (If applicable). Set to 'ON'.
- 1.5 Butt test switch. Switch on.
- 1.6 Gun safety flap. Raise.
- 1.7 Weapon trigger. Operate momentarily.
- 1.8 Gun compartment vent. Ensure fully extends and retracts.

ELECTRICAL
SP 199A (2)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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SERVICING RECORD

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GUN FIRING CIRCUIT TEST

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL/WEAPONS

Item 2 is applicable only if a Gun Selector switch is fitted.

2. Testing

2.1	Gun selector switch.	Set to 'INNERS'.
2.2	Weapons trigger.	Operate and hold.
2.3	Aden gun aircraft test unit.	Ensure inner lamps lit.
2.4	Gun compartment vent.	Ensure extended.
2.5	Weapon trigger.	Release.
2.6	Aden gun aircraft test unit.	Ensure inner lamps extinguished.
2.7	Gun compartment vent.	Ensure retracted.
2.8	Gun selector switch.	Set to 'OUTERS'.
2.9	Weapon trigger.	Operate and hold.
2.10	Aden gun aircraft test unit.	Ensure outer lamps lit.
2.11	Gun compartment vent.	Ensure extended.
2.12	Weapon trigger.	Release.
2.13	Aden gun aircraft test unit.	Ensure outer lamps extinguished.
2.14	Gun compartment vent.	Ensure retracted.
2.15	Gun selector switch.	Set to 'ALL'.
2.16	Weapon trigger.	Operate and hold.
2.17	Aden gun aircraft test unit.	Ensure all lamps lit.

ELECTRICAL SP 199A (3)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS	AP101B-1300-5A3B Sect 2 Chap 3	SERVICING RECORD		RAF Form 2988B		
<u>GUN FIRING CIRCUIT TEST</u>				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	
BLOCK 1		ELECTRICAL/WEAPONS		MAN HRS 1	INITS & TDM 2	3	MAN HRS 4	INITS & TDM 5
2 <u>Testing</u> cont.								
2.18 Gun compartment vent.		Ensure extended.						
2.19 Weapon trigger.		Release.						
2.20 Aden gun aircraft test unit.		Ensure all lamps extinguished.						
2.21 Gun compartment vent.		Ensure retracted.						
BLOCK 2		ELECTRICAL/WEAPONS						
Item 3 is applicable only if a Gun Selector switch is NOT fitted.								
3. <u>Testing</u>								
3.1 Weapon trigger.		Operate and hold.						
3.2 Aden gun aircraft test unit.		Ensure all lamps lit.						
3.3 Gun compartment vent.		Ensure extended.						
3.4 Weapon trigger.		Release.						
3.5 Aden gun aircraft test unit.		Ensure all lamps extinguished.						
3.6 Gun compartment vent.		Ensure retracted.						

ELECTRICAL
SP 199A (4)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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SERVICING RECORD

RAF Form 2988B

Aircraft Ser No:
Date:

GUN FIRING CIRCUIT TEST.

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL/WEAPONS

4. General

4.1	Gun safety flap.	Set to 'SAFE'.
4.2	Butt test switch.	Switch off.
4.3	Gun master switch. (If applicable).	Set to 'OFF'.
4.4	Master armament safety break.	Disconnect.
4.5	External d.c. power supply.	Switch off.
4.6	Aden gun aircraft test unit.	Disconnect and remove.

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR		
MAN HRS	INITS & TDM	1	2	3	4	INITS & TDM

ELECTRICAL SP 202C (1) (1 to 7)		SERVICING PROCEDURES FUNCTIONAL CHECKS AND TESTS HUNTER ALL MARKS		AP101B-1300-5A3B Sect 2 Chap 3	SERVICING RECORD		RAF Form 2988B
<u>FUZING UNIT AND PYLON FUNCTIONAL TESTS</u> Applicable only to Mk 9 aircraft.					Aircraft Ser No: Date:		
TRADE Elect Wps	M/HRS	TRADE	M/HRS	ASSOCIATED PROCEDURE CARDS	TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable	SUPERVISOR
					MAN HRS 1	INITS & TDM 2	MAN HRS 3
<p><u>SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK DETAILED ON THIS CARD</u></p> <p><u>Special Tools and Equipment:</u> Test lamps.</p>							
<p>BLOCK 1 WEAPONS NCO</p> <p>1. <u>Preparation</u></p> <p>1.1 Pylon safety breaks. Ensure disconnected.</p> <p>1.2 Outboard pylons. Ensure stores removed.</p>							
<p>BLOCK 2 ELECTRICAL</p> <p>2. <u>Preparation</u></p> <p>2.1 Bomb master switch. 2.2 RP master switch. 2.3 Fuzing switch. 2.4 Pylon selector switches. } Set to 'OFF'.</p> <p>2.5 S neb/Salvo switch. Set to 'SALVO'.</p> <p>2.6 Butt test switch. Set to 'OFF'.</p> <p>2.7 Inboard Practice/Normal switches. 2.8 Outboard Practice/Normal switches. } Set to 'NORMAL'.</p>							

ELECTRICAL
SP 202C (2)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
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FUZING UNIT AND PYLON FUNCTIONAL TESTS

Aircraft Ser No:
Date:

BLOCK	DESCRIPTION	TRADESMAN		BRIEF DETAILS OF SUSPECTED DEFECT AND SNOW WHEN APPLICABLE		SUPERVISOR	
		MAN HRS	INITS & TDM 2	3	4	MAN HRS	INITS & TDM 5
1	ELECTRICAL						
2.	<u>Preparation</u> cont.						
2.9	External d.c. power supply.	Switch on.					
2.10	Master armament safety break.	Connect.					
2	WEAPONS						
3.	<u>Inboard Pylons</u>						
3.1	ERU breech cap supply leads.	Disconnect.					
3.2	Pylon safety breaks.	Connect.					
3	ELECTRICAL						
4.	<u>Testing</u>						
4.1	Inboard ERU breech cap supply leads.	Connect to test lamps. (Qty 4).					
4.2	Bombs master switch.						
4.3	Inboard pylon selector switches.						
4.4	Butt test switch.						
4.5	Bomb release safety flap.	Raise.					
4.6	Bomb release push switch.	Press and hold.					

ELECTRICAL
SP 202C (3)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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Sect 2
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Aircraft Ser No:
Date:

FUZING UNIT AND PYLON FUNCTIONAL TESTS

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

4. Testing cont.

4.7 Test lamps. (Qty 4). Ensure lit.

4.8 Inboard pylon Practice/
Normal switches. Set to 'PRACTICE'.

4.9 Test lamps. (Qty 4). Ensure extinguished.

4.10 Bomb release push switch. Release.

4.11 Safety flap. Lower.

4.12 Bomb master switch.

4.13 Inboard pylon selector switch. } Set to 'OFF'.

4.14 Inboard jettison push switch. Press and hold.

4.15 Test lamps (Qty 4). Ensure lit.

4.16 Inboard pylon Practice/
Normal switches. Set to 'NORMAL'.

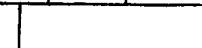
4.17 Test lamps (Qty 4). Ensure remain lit.

4.18 Inboard jettison push switch. Release.

4.19 Bomb master switch. Set to 'ON'.

4.20 Fuzing switch. Set to 'NOSE and TAIL'.

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
MAN HRS	INITS & TDM 1 2	3	4	INITS & TDM 5	



ELECTRICAL
SP 202C (4)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
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FUZING UNIT AND PYLON FUNCTIONAL TESTS

Aircraft Ser No:

Date:

TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
	MAN HRS 1	INITS & TDM 2	MAN HRS 4	INITS & TDM 5

BLOCK 1

ELECTRICAL

4. Testing cont.

4.21 Inboard jettison push switch. Press and hold.

4.22 Test lamps. (Qty 4). Ensure do not light.

4.23 Fuzing switch. Set to 'OFF'.

4.24 Test lamps. (Qty 4). Ensure lit.

4.25 Inboard jettison push switch. Release.

4.26 Test lamps. (Qty 4). Ensure extinguished.

4.27 Bomb master switch.
4.28 Butt test switch. } Set to 'OFF'.

4.29 Master armament safety break. Disconnect.

4.30 External d.c. power supply. Switch off.

4.31 Inboard ERU breech cap supply leads. Disconnect test lamps. (Qty 4).

BLOCK 2

WEAPONS

5. Completion

5.1 Inboard pylon safety breaks. Disconnect.

ELECTRICAL
SP 202C (5)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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Aircraft Ser No:

Date:

FUZING UNIT AND PYLON FUNCTIONAL TESTS

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

WEAPONS

6. Outboard Pylons

6.1 ERU breech cap supply
leads. Disconnect.

6.2 Pylon safety breaks. Connect.

BLOCK 2

ELECTRICAL

7. Testing

7.1 Outboard ERU breech cap
supply leads. Connect test lamps. (Qty 4).

7.2 External d.c. power
supply. Switch on.

7.3 Master armament safety
break. Connect.

7.4 Fuzing switch. Ensure set to 'OFF'.

7.5 Butt test switch.

7.6 Bombs master switch.

7.7 Outboard pylon selector
switches. Set to 'ON'.

7.8 Bomb safety flap. Raise.

7.9 Bomb release push switch. Press and hold.

7.10 Test lamps. (Qty 4). Ensure lit.

TRADESMAN	Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
	MAN HRS	INITS & TDM 1 2	MAN HRS	INITS & TDM 4 5

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**ELECTRICAL
SP 202C (6)**

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
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FUZING UNIT AND PYLON FUNCTIONAL TESTS

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Aircraft Ser No

Date

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD.

BLOCK 1

ELECTRICAL

7. Testing cont.

7.11 Outboard pylon Practice/
Normal switches. Set to 'PRACTICE'.

7.12 Test lamps. (Qty 4). Ensure extinguished.

7.13 Bomb release push switch. Release.

7.14 Bomb safety flap. Lower.

7.15 Outboard pylon selector
switches. }
7.16 Bombs master switch, } Set to 'OFF'.

7.17 Outboard jettison push
switch. Press and hold.

7.18 Test lamps. (Qty 4). Ensure lit.

7.19 Outboard pylon Practice/
Normal switches. Set to 'NORMAL'.

7.20 Test lamps. (Qty 4). Ensure remain lit.

7.21 Outboard jettison push
switch. Release.

7.22 Bomb master switch. Set to 'ON'.

7.23 Fuzing master switch. Set to 'NOSE and TAIL'.

7.24 Outboard jettison push
switch. Press and hold.

ELECTRICAL
SP 202C (7)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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Chap 3

SERVICING RECORD

RAF Form 2988B

Aircraft Ser No:
Date:

FUZING UNIT AND PYLON FUNCTIONAL TESTS

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

7. Testing cont.

7.25 Test lamps. (Qty 4). Ensure extinguished.

7.26 Fuzing switch. Set to 'OFF'.

7.27 Test lamps. (Qty 4). Ensure lit.

7.28 Outboard jettison push switch. Release.

7.29 Test lamps. (Qty 4). Ensure extinguished.

7.30 Bomb master switch.
7.31 Butt test switch. } Set to 'OFF'.

7.32 Master armament safety break. Disconnect.

7.33 External d.c. power supply. Switch off.

7.34 Outboard breech cap supply leads. Remove test lamps. (Qty 4).

BLOCK 2

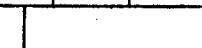
WEAPONS

8. Completion

8.1 Outboard pylon safety breaks. Disconnect.

8.2 Practice/Normal switches. Ensure set in accordance with 5A2.

TRADESMAN		Brief Details of Suspected Defect and SNOW When Applicable		SUPERVISOR	
MAN HRS	INITS & TDM	1	2	MAN HRS	INITS & TDM



ELECTRICAL
SP 203 (3)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3E
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TARGET TOWING SYSTEM - TEST

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

WEAPONS

5. Testing

5.1 Inboard pylons. Carry out no volts test with bomb release push pressed.

5.2 Target release slips. (Port and Starboard). Carry out cocking tests

Block 2

ELECTRICAL

6. Testing

6.1 Airbrake test switch. Operate and ensure airbrake extends and retracts.

6.2 Indicator panel.
(a) Green light.
(b) Red light. Ensure lit.
Press and release and ensure illuminates and remains lit.

6.3 Airbrake test switch. Operate and ensure airbrake inoperative.

6.4 Standby release push. Press and ensure red light extinguishes and Port and Starboard target releases operate.

SERVICING RECORD

RAF Form 2988B

Aircraft Ser No:

1 Dates

TRADESMAN

**Brief Details of
Suspected Defect and
SNOW**

SUPERVISOR	
MAN HRS 4	INITS & TDM 5

ELECTRICAL
SP 203 (4)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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RAF Form 2988B

TARGET TOWING SYSTEM - TEST

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

WEAPONS

7. Testing

7.1 Inboard pylons.

- (i) Carry out no volts test with standby release push pressed.
- (ii) Disconnect ERU jettison supply leads.
- (iii) Reconnect safety breaks.

7.2 Target release slips.
(Port and Starboard).

Carry out cocking tests.

BLOCK 2

ELECTRICAL

8. Testing

8.1 Inboard pylon ERU
jettison supply leads.

Connect to test lamps.

8.2 Airbrake test switch.

Operate and ensure airbrake extends and
retracts.

8.3 Indicator panel.
(a) Green light.
(b) Red light.

Ensure on.
Press and release and ensure illuminates
and remains lit.

8.4 Airbrake test switch.

Operate and ensure airbrake inoperative.

SERVICING RECORD

Aircraft Ser No:
Date:

TRADESMAN

MAN
HRS
1

INITS
& TDM
2

Brief Details of
Suspected Defect and
SNOW
When Applicable

3

SUPERVISOR

MAN
HRS
4

INITS
& TDM
5

ELECTRICAL
SP 203 (5)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

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TARGET TOWING SYSTEM - TEST

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ELECTRICAL

8. Testing cont.

8.5 Inboard pylons stores jettison push. Press and ensure inboard pylons test lamps illuminate, port light extinguishes and target releases operate.

8.6 Airbrake test switch. Operate and ensure airbrake extends and retracts.

8.7 Butt test switch.
8.8 Bomb master switch. } Set to 'OFF'.

8.9 External electrical power supplies. (i) Switch off.
(ii) Disconnect.

8.10 Master armament safety break. Disconnect and stow.

8.11 Inboard pylon ERU jettison supply leads. Remove test lamps.

BLOCK 2

WEAPONS

9. Completion

9.1 Inboard pylon safety break. Disconnect.

9.2 Inboard pylon ERU jettison supply leads. Reconnect.

SERVICING RECORD

RAF Form 2988B

Aircraft Ser No:
Date:

TRADESMAN

MAN
HRS
1

INITS
& TDM
2

Brief Details of
Suspected Defect and
SNOW
When Applicable
3

SUPERVISOR
MAN
HRS
4

INITS
& TDM
5

ELECTRICAL
SP 203 (6)

SERVICING PROCEDURES
FUNCTIONAL CHECKS AND TESTS
HUNTER ALL MARKS

AP101B-1300-5A3B
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Chap 3

TARGET TOWING SYSTEM - TEST

SAFETY AND SERVICING NOTES ARE TO BE COMPLIED WITH THROUGHOUT THE WORK
DETAILED ON THIS CARD

BLOCK 1

ATRFRAME

10. Completion

10.1 Hydraulic servicing trolley.

- (i) Depressurise.
- (ii) Disconnect.

SERVICING RECORD

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