

CHAP	2	SP 102	SERVICING PROCEDURES				AP. 101B-1000-5A3 E Section 1 (1st Edition)				TIME	ACT		
TRADE	NAV INST		LIGHTNING											
SHEET	1	OF 15	SHEET/S			3	5	6	AL NO	DATE		EST		
TITLE	Mk 2 Master Reference Gyro Checks.								SERVICING RECORD AC NO DATE					
Safety and Servicing Notes are to be complied with throughout the work detailed on this Card.									(1)	(2)	(3)	(4)	(5)	
<u>Special Tools and Equipment</u> Stop Watch, 1/5 second. 6B/9101001. Gauge, Levelling, Longitudinal. 26DK/95099. Gauge, Levelling, Lateral. 26DK/95261. Test Set, MRG Mk 2. 6C/3235.									MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS	
NB 1 In this Procedure the quantity 'X' is variable and is indicated on the test set phase sequence chart. (Located on test set)														
NB 2 The following tolerances are permitted to the figures indicated on the test set phase sequence chart. (a) 25 secs PLUS OR MINUS 5 seconds. (b) 50 secs PLUS OR MINUS 6 seconds. (c) 80 secs PLUS OR MINUS 8 seconds. (d) 120 secs PLUS OR MINUS 12 seconds.														
AIRFRAME														
SMS 17	1. <u>Preparation</u>													
	1.1 Logitudinal levelling gauge.) Fit.													
	1.2 Lateral levelling gauge.)													
	1.3 Clinometer. (i) Position on longitudinal levelling gauge.													
	(ii) Record reading.													
	(iii) Remove.													
(iv) Position on lateral levelling gauge.														
(v) Record reading.														
(vi) Remove.														
1.4 Longitudinal levelling gauge. Remove.														
1.5 Lateral levelling gauge. Remove.														
RM 52010/20									Continued					

ASSOCIATED PROCEDURE CARDS

ASSOCIATED TRADES

SP NO

AF AR

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CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E				
SP NO	102	CONTINUED	LIGHTNING		Section 1 (1st Edition)				
SHEET	2				AC NO DATE				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD				
					(1)	(2)	(3)	(4)	(5)
NAV INSTRUMENTS									
2.	<u>Preparation</u>								
2.1	Test set Electronic Unit cable.	(i) Connect to Electronic Unit test socket (J205). (ii) Connect to test set socket (J1).							
2.2	Test set.								
	(a) Synchro dial.	Set to zero.							
	(b) SW1 Meter Function.	Set to 'OFF'.							
	(c) SW2 Select A.c. Volts.								
	(d) SW3 Select D.c. Volts.								
	(e) SW4 Synchros								
	(f) SW5 Servo Amp O/P.								
	(g) SW6 Erection Mode.	Set to 'NORMAL'.							
	(h) SW7 Mag Mon.)	Set to centre.							
	(j) SW8 Erection Cutback Test								
	(k) SW9 Motor Off.								
	(l) SW10 Motor Off.								
	(m) SW11 Integrator Test.	Set to 'OFF'.							
	(n) SW12 Gas/Rotor-Race.	Set to 'TEST'.							
2.3	Nav Display Comp/DG push button.	Press for DG.							
2.4	External electrical power supplies.	(i) Connect to aircraft. (ii) Set to 'ON'.							
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CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	102	CONTINUED		AC NO DATE				
SHEET	3			SERVICING RECORD				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			(1)	(2)	(3)	(4)	(5)	
NAV INSTRUMENTS								
3.	<u>Erection Sequence</u>							
3.1	Instrument	Set to 'ON'.						
	master switch.							
3.2	If during this Sub-item the incorrect phase sequence lamp lights, switch of immediately.							
	MRG Switch.	Set to 'ON' and simultaneously start stop watch.						
3.3	Test set.							
	(a) Erection sequence chart.	Ensure erection sequence is completed as specified						
	(b) PF1 lamp	Ensure illuminates at 120 + 'X' seconds.						
3.4	Attitude indicator.							
		(i) Check power failure flag shows Black.						
		(ii) Ensure the roller blind is steady.						
4.	<u>Voltage Checks</u>							
4.1	Test set.							
	(a) SW1 Meter Function.	Set to 'AC'.						
	(b) SW2 Select A.c. Volts.	Set to the following positions and check that the meter reads within the Green band in each case:-						
		(i) 115 A						
		(ii) 115 C						
		(iii) 26 a						
		(iv) 26 b						
		(v) 26 c						
		(vi) 10 a						
		(vii) 10 a'						
		(vii) 2 c						
	(c) SW2 Select A.c. Volts.	Set to 'OFF'.						
	(d) SW1 Meter Function.	Set to 'DC'.						
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CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	102	CONTINUED		AC NO DATE				
SHEET	4			SERVICING RECORD				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			(1)	(2)	(3)	(4)	(5)	
NAV INSTRUMENTS								
4.	<u>Voltage Checks</u> (Contd)							
4.1	Test set. (Contd)							
	(e) SW3 Select D.c. Volts.	Set to the following positions and check that the meter reads within the Green band in each case:- (i) +20 (ii) +27 (iii) +38 (iv) -41 (v) +28 A/C (vi) +22 Diode (vii) +5 Lamp.						
5.	<u>Gas and Rotorace Test</u>							
5.1	Test set.							
	(a) SW3 Select D.c Volts.	Set to '+38'.						
	(b) SW12G/Test Rotorace.	Set to 'GAS'.						
	(c) Meter.	Ensure reads 0.5 PLUS OR MINUS 0.1 divisions.						
	(d) SW12 Gas/ Test Rotorace.	Set to 'TEST'.						
	(e) Rotorace neon lights.	(i) Ensure that one of the two rotorace neons is illuminated. (ii) Time the interval between the changeover from one lamp to the other. The time interval is to be 8 PLUS OR MINUS 2.5 seconds.						
	(f) SW3 Select D.c. Volts.	Set to 'OFF'.						
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CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	102	CONTINUED		AC NO DATE				
SHEET	5			SERVICING RECORD				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			(1)	(2)	(3)	(4)	(5)	
NAV INSTRUMENTS								
6.	<u>Initial Erection Accuracy Check</u>							
NB	When adjusting the test set synchro dial it is possible to obtain an incorrect null. The correct null is obtained when clockwise rotation of the synchro dial from the null causes the meter needle to deflect clockwise							
6.1	Test set.							
	(a) SW1 Meter Function.	Set to 'SYNCHS'.						
	(b) SW4 synchros.	Set to 'HDG X1'.						
	(c) Synchro dial.	(i) Adjust to zero meter reading.						
		(ii) Ensure meter reading is steady.						
	(d) SW4 synchros.	Set to 'ELEV'.						
	(e) Synchro dial.	(i) Adjust to zero meter reading.						
		(ii) Ensure dial indicates longitudinal attitude as recorded in Sub-item 1.3(ii) PLUS OR MINUS 1 degree.						
		(iii) Record reading.						
	(f) SW4 synchros.	Set to 'BANK'.						
	(g) Synchro dial.	(i) Adjust to zero meter reading.						
		(ii) Ensure dial indicates lateral attitude as recorded in Sub-item 1.3 (v) PLUS OR MINUS 1 degree.						
		(ii) Record reading.						
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CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E				
SP NO	102	CONTINUED	LIGHTNING		Section 1 (1st Edition)				
SHEET	6				AC NO DATE				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD				
					(1)	(2)	(3)	(4)	(5)
NAV INSTRUMENTS									
7.	<u>Erection Cut-back</u> <u>(Turn Rate)</u>								
7.1	Test set.								
	(a)	SW8 Erection Cut-back Test.	Set to '0-50' degrees/minute.						
	(b)	Erection Cut-back Test control	(i) Slowly rotate clockwise until ECB lamp illuminates.						
			(ii) Ensure reading 30 PLUS OR MINUS 10 degrees/minute.						
	(c)	SW8 Erection Cut-back Test.	Set to centre position.						
8.	<u>Erection Cut-back</u> <u>(G Sec)</u>								
8.1	Test Set.								
	(a)	Erection Cut-back control.	Set to '4 degrees' on the 0 - 5 degrees scale.						
	(b)	SW8 Erection Cut-back Test.	Set to '0 - 5' degrees/minute and simultaneously start stop watch.						
	(c)	ECB Lamp.	Ensure illuminates in 5.5 seconds PLUS OR MINUS 2.5 seconds.						
	(d)	SW8 Erection Cut-back Test.	Set to centre position.						
	(e)	Erection Cut-back control.	Set to '1.6 degrees' on 0 - 5 degrees scale.						
	(f)	SW8 Erection Cut-back Test.	Set to '0 - 5 degrees' position.						
	(g)	ECB Lamp.	Ensure does not illuminate						
	(h)	SW8 Erection Cut-back Test.	Set to centre position.						

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CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E		
SP NO	102	CONTINUED	LIGHTNING		Section 1 (1st Edition)		
SHEET	7				AC NO DATE		
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD		
					(1)	(2)	(3)
NAV INSTRUMENTS							
9.	<u>Motoring Off Elevation</u> <u>(Nose Up)</u>						
9.1	Flight control system Pilot's controller.						
	(a)	Master switch.	Set to 'ON'.				
	(b)	Supply magnetic indicator.	Check shows Black.				
9.2	Test set.						
	(a)	SW1 Meter Function.	Ensure at 'SYNCHS'.				
	(b)	SW4 Synchros.	Set to 'ELEV'.				
	(c)	SW10 Motor Off.	Inch (NU) until ECB lamp lights with switch released.				
	(d)	Synchro dial.	(i) Adjust to zero meter reading. (ii) Ensure reads figure recorded in Sub-item 6.1 (e) (ii) plus between 1.5 and 4.5 degrees.				
	(e)	Synchro dial.	Set to read '10 degrees'.				
	(f)	SW10 Motor Off.	Inch (NU) to zero meter.				
	(g)	SW1 Meter Function.	Set to 'ELEV POT'.				
	(h)	Meter.	Ensure reads PLUS 0.1 PLUS OR MINUS 0.025.				
9.3	Attitude Indicator.		Ensure indicates approximately 10 Degrees Nose up.				
9.4	Test set.						
	(a)	SW 1 Meter Function.	Set to 'SYNCHS'.				
	(b)	Meter.	Ensure pointer moves slowly negative at ECB rate (1/4 degree/minute).				
	(c)	SW6 Erection Mode.	Set to 'ECB Override'.				
	(d)	Meter.	Ensure pointer moves negative at normal erection rate (1.5 degrees/minute).				
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CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E	
SP NO	102	CONTINUED	LIGHTNING		Section 1 (1st Edition)	
SHEET	8				AC NO DATE	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD	
					(1)	(2)
					(3)	(4)
					(5)	
NAV INSTRUMENTS						
9.	<u>Motoring Off Elevation</u> (Nose Up) (Contd)					
9.4	Test set.					
	(e) SW6 Erection Mode.	Set to 'FAST ERECT'				
	(f) Meter.	Ensure pointer moves negative at fast erection rate (20 degrees /minute) and then stops.				
	(g) Synchro dial.	Adjust to zero meter.				
	(h) SW6 Erection Mode.	Set to 'NORMAL'.				
10.	<u>Motoring Off Elevation</u> (Nose Down)					
10.1	Test set.					
	(a) SW10 Motor Off.	Inch (ND) until ECB lamp illuminates with switch released.				
	(b) Synchro dial.	(i) Adjust to zero meter reading.				
		(ii) Ensure reads figure recorded in Sub-item 6.1 (e) (2) minus between 1.5 and 4.5 degrees.				
	(c) Synchro dial.	Set to read 350 degrees.				
	(d) SW10 Motor Off.	Inch (ND) to zero meter.				
	(e) SW1 Meter Function.	Set to 'ELEV POT'.				
	(f) Meter.	Ensure reads minus 0.1 PLUS OR MINUS 0.025.				
10.2	Attitude indicator.		Ensure indicates approximately 10 degree Nose down.			
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CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	102	CONTINUED		AC NO DATE				
SHEET	9			SERVICING RECORD				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				(1)	(2)	(3)	(4)	(5)
NAV INSTRUMENTS								
10.	<u>Motoring Off Elevation</u> (Nose Down) (Contd)							
10.3	Test set.							
	(a)	SW 1 Meter Function.	Set to 'SYNCHS'.					
	(b)	SW4 Synchros.	Set to 'ELEV'.					
	(c)	Meter.	Ensure moves slowly positive at ECB rate (1/4 degree/minute).					
	(d)	SW6 Erection Mode.	Set to 'ECB OVERRIDE'.					
	(e)	Meter.	Ensure pointer moves positive at normal erection rate (1.5 degree/minute).					
	(f)	SW6 Erection Mode.	Set to 'FAST ERECT'.					
	(g)	Meter.	Ensure pointer moves positive at fast erection rate (20 degrees/minute) and then stops.					
	(h)	SW6 Erection Mode.	Set to 'NORMAL'.					
11.	<u>Motoring Off Bank</u> (Right Wing Low)							
11.1	Test set.							
	(a)	SW4 Synchros.	Set to 'BANK'.					
	(b)	SW9 Motor Off.	Inch (RWL) until ECB lamp illuminates with switch released.					
	(c)	Synchro dial.	(i) Adjust to zero meter reading.					
			(ii) Ensure reads figure recorded in Sub-item 6.1 (g) (iii) plus 10 degrees PLUS OR MINUS 3 degrees.					
			(iii) Set to '10 degrees'.					
	(d)	SW9 Motor off.	Inch to zero meter.					
	(e)	SW 1 Meter Function.	Set to 'BANK POT'.					
	(f)	Meter.	Ensure reads positive 0.1 PLUS OR MINUS 0.025.					
11.2	Attitude indicator.							
			Ensure indicates 10 degrees right wing low.					
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CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E		
SP NO	102	CONTINUED	LIGHTNING		Section 1 (1st Edition)		
SHEET	10				AC NO DATE		
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD		
					(1)	(2)	(3)
NAV INSTRUMENTS							
11.	<u>Motoring Off Bank</u> <u>(Right Wing Low)</u> (Contd)						
11.3	Test set.						
	(a) SW1 Meter	Set to 'SYNCHROS'. Function.					
	(b) SW4 Synchros.	Ensure set to 'BANK'.					
	(c) Meter.	Ensure moves negative at ECB rate (1/4 degree/ minute).					
	(d) SW6 Erection Mode.	Set to 'ECB OVERRIDE'.					
	(e) Meter.	Ensure pointer moves negative at normal erection rate (1.5 degrees/minute).					
	(f) SW6 Erection Mode.	Set to 'FAST ERECT'.					
	(g) Meter.	Ensure pointer moves negative at fast erection rate (20 degrees /minute) and then stops.					
	(h) Synchro dial.	Adjust to zero meter reading.					
	(j) SW6 Erection Mode.	Set to 'NORMAL'.					
12.	<u>Motoring Off Bank</u> <u>(Left Wing Low)</u>						
12.1	Test set.						
	(a) SW9 Motor Off.	Inch (LWL) until ECB lamp illuminates with switch released.					
	(b) Synchro dial.	(i) Adjust to zero meter reading. (ii) Ensure reads figure recorded in Sub- item 6.1 (g) (iii) minus 10 degrees PLUS OR MINUS 3 degrees.					
	(c) Synchro dial.	Set to read '350 degrees'.					
	(d) SW9 Motor Off.	Inch to zero meter reading.					
	(e) SW1 Meter Function.	Set to 'BANK POT'.					
	(f) Meter.	Ensure reads negative 0.1 PLUS OR MINUS 0.025.					
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CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E	
SP NO	102	CONTINUED	LIGHTNING		Section 1 (1st Edition)	
SHEET	11				AC NO DATE	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD	
					(1)	(2)
NAV INSTRUMENTS						
12.	<u>Motoring Off Bank</u> <u>(Left Wing Low)</u> (Contd)					
12.2	Attitude indicator.	Ensure indicates 10 degrees left wing low.				
12.3	Test set.					
	(a) SW 1 Meter Function.	Set to 'SYNCHROS'.				
	(b) SW4 Synchronos.	Ensure set to 'BANK'.				
	(c) Meter.	Ensure pointer moves positive at ECB rate (1/4 degrees/minute).				
	(d) SW6 Erection Mode.	Set to 'ECB OVERRIDE'.				
	(e) Meter.	Ensure pointer moves positive at normal erection rate (1.5 degrees/minute).				
	(f) SW6 Erection Mode.	Set to 'NORMAL'.				
12.4	MRG Pilot's fast erection button.	Press.				
12.5	Test set.	Ensure pointer moves positive at fast erection rate (20 degrees/minute) and then stops.				
12.6	MRG Pilot's fast erection button.	Release.				
12.7	Test set.					
	(a) Synchro dial	Adjust to zero meter reading.				
	(b) SW4 Synchronos.	Set to 'OFF'.				
13.	<u>Amplifier Outputs</u>					
13.1	Test set.					
	(a) SW1 Meter Function.	Set to 'AMPS'.				
	(b) SW5 Servo Amp O/Ps.	Set to the following positions and ensure meter reading does not exceed 0.75 in each case:				
		(i) 'HDG F.U.'				
		(ii) 'INTEGRATOR'.				
		(iii) 'TRUE NORTH'.				
		(iv) 'Set to OFF'.				
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CHAP	2	NAV INST	SERVICING PROCEDURES	AP101B-1000-5A3 E				
SP NO	102	CONTINUED	LIGHTNING	Section 1 (1st Edition)				
SHEET	12			AC NO DATE				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				SERVICING RECORD				
				(1)	(2)	(3)	(4)	(5)
NAV INSTRUMENTS								
14.	<u>Magnetic Slaving</u>							
14.1	Test set.							
	(a)	SW1 Meter Function.	Set to 'SNYCHROS'.					
	(b)	SW4 Synchronos.	Set to 'HDG X1'.					
	(c)	Synchro dial.	(i) Adjust to zero meter reading.					
			(ii) Record synchro dial reading.					
	(d)	SW7 Mag Mon.	(i) Set to '+3 degrees/minute'.					
			(ii) After 3 minutes set to centre.					
	(e)	Synchro dial.	(i) Adjust to zero meter reading.					
			(ii) Ensure synchro dial reads figure recorded in Sub-item 14.1 (c) (ii) plus 9 degrees PLUS or MINUS 3 degrees.					
			(iii) Record synchro dial reading.					
	(f)	SW7 Mag Mon.	(i) Set to -3 degrees/minute.					
			(ii) After 3 minutes set to centre.					
	(g)	Synchro dial.	(i) Adjust to zero meter reading.					
			(ii) Ensure synchro dial reads figure recorded in Sub-item 14.1 (e) (iii) Minus 9 degrees PLUS OR MINUS 3 degrees.					
14.2	MRG Master switch.		Set to 'OFF'.					
14.3	FCS Pilots control Unit Master switch.		Set to 'OFF'.					
14.4	Instrument Master switch.		Set to 'OFF'.					

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CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	102	CONTINUED		AC NO DATE				
SHEET	13			SERVICING RECORD				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			(1)	(2)	(3)	(4)	(5)	
NAV INSTRUMENTS								
15.	<u>A123B Checks Preparation</u>							
15.1	Test set cable assembly 6C/10238.	(i) Connect to test sockets C,H and J on the FSDB. (ii) Connect plug P2 to socket J2 on the test set.						
15.2	Instrument Master switch.	Set to 'ON'.						
15.3	MRG Master switch.	Set to 'ON'.						
15.4	Test set.	Allow system to complete starting cycle.						
RADAR								
NB 1	Do not transmit.							
NB 2	Do not run A123B for more than 10 minutes without external cooling trolley.							
16.	<u>Preparation</u>							
16.1	AI 23B System.	Switch on and run up.						
NAV ISNTRUMENTS								
17.	<u>AI 23B Voltage Check</u>							
17.1	Test set.							
	(a) SW1 Meter Function.	Set to 'AC'.						
	(b) SW2 Select A.c. Volts.	Set to the following positions in turn and check that the meter reads within the Green band in each instance. (i) '115 BANK AI'. (ii) '40 ELEV AI'.						
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CHAP	2	NAV INST	SERVICING PROCEDURES	AP101B-1000-5A3 E				
SP NO	102	CONTINUED	LIGHTNING	Section 1 (1st Edition)				
SHEET	14			AC NO DATE				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				SERVICING RECORD				
				(1)	(2)	(3)	(4)	(5)
NAV INSTRUMENTS								
18.	<u>Elevation Output to AI 23B</u>							
18.1	Test set.							
	(a)	SW1 Meter Function.	Set to 'SNYCHS'.					
	(b)	SW4 Synchs.	Set to 'ELEV'.					
	(c)	Synchro dial.	Set to '20 degrees'.					
	(d)	SW10 Motor Off.	Inch nose up to zero meter.					
	(e)	SW4 Synchros.	Set to 'AI ELEV'.					
	(f)	Meter.	Check meter reads 0.5 PLUS OR MINUS 0.1.					
	(g)	SW4 Synchros.	Set to 'ELEV'.					
	(h)	Synchro dial.	Set to 'ZERO'.					
	(j)	SW6 Erection Mode.	Set to 'FAST ERECT'.					
	(k)	Synchro dial.	Set to '340 degrees'.					
	(l)	SW6 Erection Mode.	Set to 'NORMAL'.					
	(m)	SW10 Motor Off.	Inch nose down to zero meter.					
	(n)	SW4 Synchros.	Set to 'AI ELEV'.					
	(p)	Meter.	Check reads 0.5 PLUS OR MINUS 0.1.					
	(q)	Synchro dial.	Set to 'AERO'.					
	(r)	SW4 Synchros.	Set to 'ELEV'.					
	(s)	SW6 Erection	(i) Set to 'FAST ERECT' to zero meter.					
			(ii) Set to 'NORMAL'.					
19.	<u>Bank Output to AI23B</u>							
19.1	Test set.							
	(a)	SW4 Synchros.	Set to 'BANK'.					
	(b)	Synchro dial.	Set to '10 degrees'.					
	(c)	SW10 Motor	Inch RWL to zero meter.					
	(d)	SW4 Synchros.	Set to 'AI BANK'.					
	(e)	Meter.	Check that meter reads zero.					
	(f)	SW4 Synchro.	Set to 'BANK'.					
	(g)	Synchro dial.	Set to 'ZERO'.					
	(h)	SW6 Erection Mode.	(i) Set to 'FAST ERECT' and zero meter.					
			(ii) Set to 'NORMAL'.					
	(j)	Synchro dial.	Set to 350 degrees.					
	(k)	SW10 Motor Off.	Inch LWL to zero meter.					
	(l)	SW 4 Synchros.	Set to 'AI BANK'.					
	(m)	Meter.	Check reads zero.					
	(n)	Synchro dial	Set to 'ZERO'.					
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CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E	
SP NO	102	CONTINUED	LIGHTNING		Section 1 (1st Edition)	
SHEET	15				AC NO DATE	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD	
					(1)	(2)
NAV INSTRUMENTS						
19.	<u>Bank Output to AI23B</u>		(Contd)			
19.1	Test set.					
	(p)	SW4 Synchros.	Set to 'BANK'.			
	(q)	SW6 Erection	(i)	Set to 'FAST ERECT' and zero meter.		
			(ii)	Set to 'NORMAL'.		
RADAR						
20.	<u>Completion</u>					
20.1	A123B	Set to 'OFF'.				
NAV INSTRUMENTS						
21.	<u>Completion</u>					
21.1	MRG Master switch.	Set to 'OFF'.				
21.2	Instrument Master switch.	Set to 'OFF'. Set to 'OFF'.				
21.3	Test cables.	Remove.				
21.4	Test sockets C,H,J,J205	Fit blanks and shorting plugs.				
21.5	Test set.	Remove from aircraft.				
21.6	External power supplies (AC and DC).	(i)	Switch off.			
		(ii)	Disconnect.			
21.7	Access panel	Refit.				
RM 52010 /27					Continued	

SMS 17A

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