

CHAP	5	SP 515	SERVICING PROCEDURES				AP 101B-1000-5A3 E				TIME	ACT
TRADE	FLT SYST		LIGHTNING				Section 1 (1st Edition)					
SHEET	1	OF 2	SHEET/S			3	5	6	AL NO	12		
TITLE	FCS Roll Rate Gyro Type B.						SERVICING RECORD					EST
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>						MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. 720B NC	N.C.C. INITIALS	ASSOCIATED PROCEDURE CARDS	
Test Set Type 8A.												
NB	This Procedure is applicable only if a serviceable component is replaced in a known serviceable system.											
	FLT SYST											
1.	<u>Preparation</u>											
1.1	Type 8A test set.	(i)	Connect to aircraft test sockets J, F and L.									
		(ii)	Connect to FC5 on FCC.									
1.2	External power supplies. (A.c. and d.c.).	(i)	Connect to aircraft									
		(ii)	Set to 'ON'.									
1.3	Instrument master switch.	Set to 'ON'.										
2.	<u>Testing</u>											
2.1	Type 8A test set.											
	(a) M1 measure switch.	Set to 'RATE GYRO'.										
	(b) Roll rate gyro.	Select.										
2.2	PCU.											
	(a) Master switch.	Set to 'ON'.										
	(b) Stab switch.	Set to 'STAB'.										
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CHAP	5	FLT SYST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E	
SP NO	515	CONTINUED		Section 1	
SHEET	2	AL 12		(1st Edition)	
			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)
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FLT SYST

2. Testing (Contd)

2.3 Type 8A test set.

- (a) Meter M1. Ensure that after 1 minute indicates less than 200mA. (Fsd 500mA). Set to 'RG ROLL'.
- (b) M2 measure switch. Set to 'MAX'.
- (c) Deflect 9 increase switch.
- (d) Precess rate gyro switch. Operate and ensure the corresponding output is shown on meter M2.

2.4 PCU.

- (a) Stab switch.)
- (b) Master switch.) Set to 'OFF'.

3. General

3.1 Instrument master switch. Set to 'OFF'.

3.2 Type 8A test set. Disconnect and remove from aircraft.

3.3 External power supplies
 (i) Set to 'OFF'.
 (ii) Disconnect and remove from aircraft.

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Continued

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