

CHAP	5	SP 515	SERVICING PROCEDURES						AP 101B-1000-5A3 E Section 1 (1st Edition)				TIME EST	ACT				
TRADE	FLT SYST		LIGHTNING															
SHEET	1	OF	2	SHEET/S				3		5	6	AL NO			12	DATE		
TITLE	FCS Roll Rate Gyro Type B.											SERVICING RECORD AC NO DATE				EST		
Safety and Servicing Notes are to be complied with throughout the work detailed on this Card.												(1)	(2)	(3)	(4)			(5)
Special Tools and Equipment Test Set Type 8A.												MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS	ASSOCIATED PROCEDURE CARDS	
<p>NB This Procedure is applicable only if a serviceable component is replaced in a known serviceable system.</p> <p style="text-align: center;">FLT SYST</p> <p>1. <u>Preparation</u></p> <p>1.1 Type 8A test set. (i) Connect to aircraft test sockets J, F and L. (ii) Connect to FC5 on FCC.</p> <p>1.2 External power supplies. (i) Connect to aircraft (A.c. and d.c.). (ii) Set to 'ON'.</p> <p>1.3 Instrument master switch. Set to 'ON'.</p> <p>2. <u>Testing</u></p> <p>2.1 Type 8A test set. (a) M1 measure switch. Set to 'RATE GYRO'. (b) Roll rate gyro. Select.</p> <p>2.2 PCU. (a) Master switch. Set to 'ON'. (b) Stab switch. Set to 'STAB'.</p>																		
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CHAP	5	FLT SYST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
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SHEET	2	AL 12		SERVICING RECORD				

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

FLT SYST			(1)	(2)	(3)	(4)	(5)
2.	Testing (Contd)						
2.3	Type 8A test set.						
	(a) Meter M1.	Ensure that after 1 minute indicates less than 200mA. (Fsd 500mA).					
	(b) M2 measure switch.	Set to 'RG ROLL'.					
	(c) Deflect 9 increase switch.	Set to 'MAX'.					
	(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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