

CHAP	5	SP 514	SERVICING PROCEDURES				AP 101B-1000-5A3 E				TIME	ACT			
TRADE	FLT SYST		LIGHTNING				Section (1st Edition) 1								
SHEET	1	OF	2	SHEET/S				3	5	6	AL NO	12	DATE		
TITLE	FCS Yaw Rate Gyro Type B.										SERVICING RECORD		EST		
											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> Test Set Type 8A.											MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS
<p>NB This Procedure is applicable only if a serviceable component is replaced in a known serviceable system.</p> <p style="text-align: center;">✕✕</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) Yaw rate gyro. Select.</p> <p>2.2 PCU. (a) Master switch. Set to 'ON'. (b) Stab switch. Set to 'STAB'.</p>															
											ASSOCIATED PROCEDURE CARDS				
											ASSOCIATED TRADES				
											SP NO	514			
SMS/80/453/42											Continued.				

SMS 17

CHAP	5	FLIT SYST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E				
SP NO	514	CONTINUED		Section 1 (1st Edition)				
SHEET	2	AL 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)	
FLIT SYST								
2.	<u>Testing</u> (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 YAW'.					
	(c)	Deflect 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.)	Set to 'OFF'.					
	(b)	Master switch.)						
3.	<u>General</u>							
3.1	Instrument master switch.		Set to 'OFF'.					
3.2	Type 8A test set.		Disconnect from aircraft.					
3.3	External power supplies.		(i) Set to 'OFF'.					
			(ii) Disconnect and remove from aircraft.					
SMS/80 / 453/42A								

SMS 17A

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