

CHAP	5	SP 513	SERVICING PROCEDURES						AP 101B-1000-5A3 E Section (1st Edition) 1				TIME EST ACT		
TRADE	FLT SYST		LIGHTNING												
SHEET	1	OF	2	SHEET/S			3	5	6	AL NO	12	DATE			
TITLE	FCS Pitch Rate Gyro Type B.									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)	
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	
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) Pitch rate gyro. Select.															
2.2 PCU. (a) Master switch. Set to 'ON'. (b) Stab switch. Set to 'STAB'.															
SMS/80/453/41										Continued				SP NO	513

ASSOCIATED PROCEDURE CARDS

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SMS 17

CHAP	5	FLT SYST	SERVICING PROCEDURES	AF101B-1000-5A3 E				
SP NO	513	CONTINUED	LIGHTNING	Section 1 (1st Edition)				
SHEET	2	AL 1.		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)
<p style="text-align: center;">FLT SYST</p> <p>2. <u>Testing</u> (Contd.)</p> <p>2.3 Type 8A test set. (a) Meter M1. Ensure after 1 minute indicates less than 200mA. (Fsd 500mA). (b) M2 measure switch. Set to 'RG PITCH'. (c) Deflect increase switch. Set to 'MAX'. (d) Precess rate gyro switch. Operate and ensure corresponding output is shown on meter M2.</p> <p>2.4 PCU. (a) Stab switch.) (b) Master switch.) Set to 'OFF'.</p> <p>3. <u>General</u></p> <p>3.1 Instrument master switch. Set to 'OFF'</p> <p>3.2 Type 8A test set. Disconnect and remove from aircraft.</p> <p>3.3 External power supplies. (i) Set to 'OFF'. (ii) Disconnect and remove from aircraft.</p>								

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