CHAP	5	SP 513	SERVICING PROCEDURES	AP 101B-1000-5A3 E Section 1 (1st Edition)	TIME	ACT
TRADE		FLT SYST	LIGHTNING			
SHEET	1	OF 2 SHEET/S	3 5 6	AL NO 12 DATE		EST
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.

Special Tools and Equipment

Test Set Type 8A.

NB This Procedure is applicable only if a serviceable component is replaced in a known serviceable system.

FLT SYST

1. Preparation

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. Testing

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'.

(1) MAN HOURS	(2) TRADESMAN INIT	(3) BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	(4) F. 720B NO	(5) N.C.O. INITIALS

ASSOCIATED PROCEDURE CARDS

ASSOCIATED TRADES

SP NO 513

3MS 17

SMS/80/453/41

Continued

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

SERVICING RECORD				
(1)	(2)	(3)	(4)	(5)

FLT SYST

2. Testing (Contd)

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.

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.

SMS 17A

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