

CHAP	5	SP 519	SERVICING PROCEDURES				AP. 101B-1000-5A3 E				TIME	ACT			
TRADE	FLT SYST		LIGHTNING				Section 1 (1st Edition)								
SHEET	1	OF	3	SHEET/S				3		5	6	AL NO	12	DATE	
TITLE	FCS Aileron Actuators						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)					
Special Tools and Equipment						MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. NO	F.C.O. INITIALS					
Test Set Type 11.															
NB This Procedure is applicable only if a serviceable component is replaced in a known serviceable system.															
AIRFRAME															
1. <u>Preparation</u>															
1.1 Control surfaces. Ensure not obstructed.															
1.2 No 1 Controls and No 1 Services Hydraulic servicing trolleys.															
FLT SYST															
2. <u>Preparation</u>															
2.1 Type 11 test set.															
(a) Test set. Connect to aircraft test sockets.															
(b) Roll rate gyro. Select.															
(c) Deflection switch. Set to 'MAX'.															
2.2 External power supplies. (A.c. and d.c.).															
(ii) Connect to aircraft.															
(ii) Set to 'ON'.															
2.3 Dither setting. Carry out SP107(NI).															
3. <u>Testing</u>															
3.1 Instrument master switch.)															
3.2 MRG On/Off switch.)															
Set to 'ON'.															
3.3 PCU.															
(a) Master switch. Set to 'ON'.															
(b) Stab switch. Set to 'STAB'.															
(c) Supplies M1. Ensure shows Black.															
SMS/80/453/49						Continued									
						ASSOCIATED TRADES									
						ASSOCIATED PROCEDURE CARDS									
						SP107(NI)									
						AF									
						SF NC									
						519									

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CHAP	5	FLT SYST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E	
SP NO	519	CONTINUED		Section (1st Edition) 1	
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)

FLT SYST

- 3. Testing (Contd)
- 3.4 Type 11 test set press to deflect switch. Operate.
- 3.5 Aileron trailing edges. Ensure Starboard moves down and Port up, then both decay to neutral.
- 3.6 Type 11 test set 'press to deflect' switch. Release.
- 3.7 Aileron trailing edges. Ensure Starboard moves up and Port down, then both decay to neutral.
- 3.8 PCU.
(a) Stab switch.)
(b) Master switch.) Set to 'OFF'.
- 3.9 Instrument master switch. Set to 'OFF'.
- 3.10 MRG On/Off switch. Set to 'OFF'.
- 4. General
- 4.1 External power supplies. (A.c. and d.c.).
(i) Set to 'OFF'.
(ii) Disconnect and remove from aircraft.
- 4.2 Type 11 test set.
(i) Disconnect from aircraft test sockets.
(ii) Remove from aircraft.
(iii) Fit test socket blanking plugs.

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SMS/80/453/49A

Continued

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