

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		EST
TITLE	FCS Aileron Actuators											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 11.												MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. VOICE NO	F.C.O. INITIALS
NB This Procedure is applicable only if a serviceable component is replaced in a known serviceable system.																
<p style="text-align: center;">AIRFRAME</p> <p>1. <u>Preparation</u></p> <p>1.1 Control surfaces. Ensure not obstructed.</p> <p>1.2 No 1 Controls (i) Connect. and No 1 (ii) Pressurise to Services Hydraulic 3000 lbs/2. servicing trolleys.</p>																
<p style="text-align: center;">FLT SYST</p> <p>2. <u>Preparation</u></p> <p>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'.</p> <p>2.2 External power (ii) Connect to supplies. aircraft. (A.c. and d.c.). (ii) Set to 'ON'.</p> <p>2.3 Dither setting. Carry out SP107(NI).</p> <p>3. <u>Testing</u></p> <p>3.1 Instrument master switch.) 3.2 MRG On/Off switch.) Set to 'ON'.</p> <p>3.3 PCU. (a) Master switch. Set to 'ON'. (b) Stab switch. Set to 'STAB'. (c) Supplies M1. Ensure shows Black.</p>																
SMS/80/453/49												Continued				

ASSOCIATED PROCEDURE CARDS

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SF NC

SP107(NI)

AF

519

SMS 17

CHAP	5	FLT SYST	SERVICING PROCEDURES LIGHTNING		AP101B-1000-5A3 E Section (1st Edition) ¹				
SP NO	519	CONTINUED			AC NO DATE				
SHEET	2	AL 12			SERVICING RECORD				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			(1)	(2)	(3)	(4)	(5)		
FLT SYST									
3.	<u>Testing</u> (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.	<u>General</u>								
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.							
SMS/80/453/49A			Continued						

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