

CHAP	5	SP 509	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 Throttle Servo Actuator						SERVICING RECORD										
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	P. 720B NO	N.C.O. INITIALS		
Test Set Pitot/Static Mk 4 or 5																	
<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 Pitot/Static test set. Connect to aircraft.</p> <p>1.2 External power supplies. (A.c. and d.c.). (i) Connect to aircraft. (ii) Set to 'ON'.</p> <p>1.3 Instrument master switch.)</p> <p>1.4 MRG On/Off switch.) Set to 'ON'.</p> <p>2. <u>Testing</u></p> <p>2.1 PCU. (a) Master switch.) Set to 'OFF'. (b) Stab switch.)</p> <p>2.2 FD/AP switch. Set to 'OFF'.</p> <p>2.3 FD bead. Ensure in parking position.</p> <p>2.4 PCU. (a) Master switch. Set to 'ON'. (b) Stab switch. Set to 'STAB'. (c) Track switch. Select.</p>																	
SMS/80/453/34											Continued					SP NO	509

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ASSOCIATED PROCEDURE CARDS

ASSOCIATED TRADES

CHAP	5	FLT SYST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	509	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)	
<p style="text-align: center;">FLT SYST</p> <p>2. <u>Testing</u> (Contd)</p> <p>2.5 Navigation display unit. (a) Compass system. Ensure synchronized. (b) Selected heading pointer. Align with lubber.</p> <p>2.6 FD/AP switch. Set to 'AP'.</p> <p>2.7 PCU. (a) Supplies M1. Ensure shows Black. (b) Mode M1. Ensure shows Auto.</p> <p>2.8 FD bead. Ensure at centre of presentation.</p> <p>2.9 P-S test set. Set airspeed to 175 kt.</p> <p>2.10 Throttles. Set to mid-position and engage clutch.</p> <p>2.11 P-S test set. Increase airspeed to 185 kt.</p> <p>2.12 Throttles. Ensure move backward.</p> <p>2.13 P-S test set. Decrease airspeed to 165 kt.</p> <p>2.14 Throttles. Ensure move forward.</p> <p>2.15 PCU. (a) Master switch. } (b) Stab switch. } Set to 'OFF'.</p> <p>2.16 FD/AP switch. Set to 'OFF'.</p> <p>2.17 Throttles. Disengage clutch and close.</p>								
SMS/80 / 453 / 34 A			Continued					

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