

CHAP	5	SP 508	SERVICING PROCEDURES										AP 101B-1000-5A3 E				TYPE	ACT
TRADE	FLTP SYST		LIGHTNING										Section 1 (1st Edition)					
SHEET	1	OF	3	SHEET/S						5		5	6	AL NO	12	DATE		
TITLE	FCS Auto Trim Amplifier Type C.													SERVICING RECORD				EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this Card.													AC NO DATE					
<u>Special Tools and Equipment</u>													(1)	(2)	(3)	(4)	(5)	
Nil.													MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS	
<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;">FLTP SYST</p> <p>1. <u>Preparation</u></p> <p>1.1 External power (i) Connect to aircraft. (A.c. and d.c.). (ii) Set to 'ON'.</p> <p>1.2 Instrument master switch.) 1.3 MRG On/Off switch.) Set to 'ON'.</p> <p>2. <u>Testing</u></p> <p>2.1 PCU. (a) Master switch.) Ib) Stab switch.) Set to 'OFF'.</p> <p>2.2 FD/AP switch. Set to 'OFF'.</p> <p>2.3 PCU. (a) Supplies) M1.) Ensure show Off. (b) Mode M1.) (c) Attitude switch. Select.</p> <p>2.4 FD/AP switch. Set to 'AP'.</p> <p>2.5 PCU. (a) Supplies) M1.) Ensure show Off. (b) Mode M1.)</p> <p>2.6 FD bead. Ensure in parking position.</p>													ASSOCIATED PROCEDURE CARDS					
SMS/80/453/32																		ASSOCIATED TRADES
Continued													SP NO					508

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CHAP	5	FLT SYST	SERVICING PROCEDURES LIGHTNING		AP101B-1000-5A3 E	
SP NO	508	CONTINUED			Section 1	
SHEET	2	AL 12			(1st Edition)	
					AC NO	DATE
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD	
					(1)	(2)
FLT SYST						
2.	<u>Testing</u> (Contd)					
2.7	PCU.					
	(a)	Stab switch.	Set to 'STAB'.			
	(b)	Supplies)	Ensure show Off.			
		M1.)				
	(c)	Mode M1.)				
2.8	FD bead.					
	Ensure in parking position.					
2.9	PCU stab)					
	switch.)					
2.10	FD/AP switch.)					
2.11	PCU.					
	(a)	Master switch.	Set to 'ON'.			
	(b)	Stab switch.	Set to 'STAB'.			
2.12	Tailplane trim switch.					
	Using 4-axis trim indicator as reference, trim tailplane central.					
2.13	FD/AP switch.					
	Set to 'AP'.					
2.14	FD bead.					
	Ensure moves to centre of presentation.					
2.15	AP trim indicator pointer.					
	Ensure at centre.					
2.16	PCU.					
	(a)	Supplies M1.	Ensure shows Black.			
	(b)	Mode M1.	Ensure shows Auto.			
	(c)	VSC.	Rotate fully up from detent.			
2.17	FD bead.					
	Ensure moves up then returns to centre.					
2.18	4-axis trim indicator tailplane pointer.					
	Ensure moves nose up.					
2.19	AP trim indicator pointer.					
	Ensure indicates nose down.					
SMS/80/453/32A					Continued	

CHAP	5	FLT SYST	SERVICING PROCEDURES	AP101B-1000-5A3 E			
SP NO	508	CONTINUED	LIGHTNING	Section (1st Edition) 1			
SHEET	3	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)
<p style="text-align: center;">FLT SYST</p> <p>2. <u>Testing</u> (Contd)</p> <p>2.20 Control column. Ensure moves backward.</p> <p>2.21 PCU. (a) VSC. Return to detent. (b) Master switch. } Set to 'OFF'. (c) Stab switch.)</p> <p>2.22 FD/AP switch. Set to 'OFF'.</p> <p>3. <u>General</u></p> <p>3.1 Instrument master switch.) 3.2 MRG On/Off switch.) Set to 'OFF'.) 3.3 External power supplies. (i) Set to 'OFF'. (ii) Disconnect and remove from aircraft.</p>							
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