

CHAP	5	SP 502	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	A.D.S. P-S Transducer						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 8A. Test Set Pitot/Static Mk 4 or 5.											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;">FLT SYST</p> <p>1. <u>Preparation</u></p> <p>1.1 Pitot/Static test set. Connect to aircraft set.</p> <p>1.2 Type 8A test set. Connect to aircraft test sockets F and L.</p> <p>1.3 External power supplies. (A.c. and d.c.). (i) Connect to aircraft. (ii) Set to 'ON'.</p> <p>1.4 Instrument master switch. Set to 'ON'.</p> <p>1.5 PCU. (a) Master switch. Set to 'ON'. (b) Stab switch. Set to 'STAB'. (c) Tack switch. Select.</p> <p>1.6 Pitot/Static test set static pressure. Adjust to 1013.25 mb.</p> <p>2. <u>Testing</u></p> <p>2.1 Pitot/Static test set. Set airspeed to 175 kt.</p> <p>2.2 Throttles. Set to mid-position.</p> <p>2.3 Throttle servo clutch. Engage.</p> <p>2.4 Pitot/Static set. Set airspeed to 180 kt.</p>																
SMS/90/453/14											Continued					ASSOCIATED TRADES SF NO 502

SMS 17

ASSOCIATED PROCEDURE CARDS

ASSOCIATED TRADES

SF NO

502

CHAP	5	FLT SYST	SERVICING PROCEDURES		AP101B-1000-5A3 E				
SP NO	502	CONTINUED	LIGHTNING		Section 1 (1st Edition)				
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									
2.	<u>Testing</u> (Contd)								
2.5	Throttles.		Ensure move backward.						
2.6	Pitot/Static test set.		Set airspeed to 170 kt.						
2.7	Throttles.		Ensure move forward.						
2.8	Pitot/Static test set.		Set airspeed to 275 kt.						
2.9	Speed display.		Check indicates 275 kt and 0.425M.						
2.10	Type 8A test set 300 kt lamp.		Check lights at 275 PLUS OR MINUS 10 kt.						
2.11	Pitot/Static test set.		Set airspeed to 400 kt.						
2.12	Speed display.		Check indicates 400 kt and 0.625M.						
2.13	Type 8A test set 400 kt lamp.		Check lights at 400 PLUS OR MINUS 12 kt.						
2.14	Pitot/Static test set.		Restore airspeed to 0 kt.						
2.15	Throttle servo clutch.		Disengage.						
2.16	Throttles.		Close.						
3.	<u>General</u>								
3.1	PCU.								
	(a) Stab switch. )		Set to 'OFF'.						
	(b) Master switch)								
3.2	Instrument master switch.		Set to 'OFF'.						
3.3	External power supplies. (A.c and d.c.).		(i) Set to 'OFF'.						
			(ii) Disconnect and remove from aircraft.						
3.4	Pitot/Static test set. )								
3.5	Test set type 8A. )		Disconnect and remove from aircraft.						
SMS/80/4-53/14A									

SMS 17A

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