

CHAP	5	SP 504	SERVICING PROCEDURES				AP 101B-1000-5A ^{3E} (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	ADS Height Display				SERVICING RECORD - RAF F.2988B 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	TRADESMEN INIT	BRIEF DETAILS OF OR SUSPECTED DEFECT	F. 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;">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. Set to 'ON'.</p> <p>1.4 Height display unit.</p> <p>(a) Power failure warning flag. Ensure out of view.</p> <p>(b) Millibar scale. Set to prevailing Barometric Pressure (QFE).</p> <p>(c) VSI. Check indicates zero PLUS OR MINUS 120ft/min</p> <p>1.5 Pitot/Static test set static pressure. Adjust to prevailing Barometric Pressure (QFE).</p> <p>1.6 Height display unit. Check indicates zero PLUS OR MINUS 90 ft.</p>										ASSOCIATED PROCEDURE CARDS						
															ASSOCIATED TRADES	
SMS/80/453/17										Continued					SP NO	504

CHAP	5	FLT SYST	SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	504	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></p> <p>2.1 Pitot/Static test set. Set height to 30000 ft.</p> <p>2.2 Height display unit. (i) Check VSI indicates climb during ascent. (ii) Check indicates 30000 ft approximately.</p> <p>2.3 Pitot/Static test set. Reduce height to zero.</p> <p>2.4 Height display unit. (i) Check VSI indicates dive during descent. (ii) Check indicates 0 ft approximately.</p> <p>3. <u>General</u></p> <p>3.1 Instrument master switch. Set to 'OFF'.</p> <p>3.2 External power supplies. (i) Set to 'OFF'. (ii) Disconnect and remove from aircraft.</p> <p>3.3 Pitot/Static test set. Disconnect and remove from aircraft.</p>								
<p>SMS/80/453/17A</p>				Continued				

SMS 17A

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