

CHAP	2	SP 117	SERVICING PROCEDURES	AP 101B-1000-5A3 E (Section 1 1st Edition)								
TRADE	FLT SYST		LIGHTNING									
SHEET	1	OF	2	SHEET/S	3	5	6	AL NO	16	DATE		
TITLE	Red Top Weapon Packs Miscellaneous Circuit Test.								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	TRADES MEN INIT	BRIEF DETAILS OF OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS
Multimeter Type 1, 5QP/1057049. 37 Way Test Plug. (Introduced by SI/RED TOP/30 and 31). Locally manufactured.												
NB: During this Procedure ALL aircraft power supplies are to be switched 'OFF'.												
<p style="text-align: center;">FLT SYST</p> <p>1. Preparation</p> <p>1.1 Weapon pack electrical test point panel. Remove from underside of weapon pack.</p> <p>1.2 37 way test plug. Insert into 37 test socket.</p> <p>2. Resistance Test</p> <p>2.1 37 way test plug. (i) Connect lead marked 'L' to multimeter red terminal. (ii) Connect lead marked 'H' to multimeter black terminal.</p> <p>2.2 Multimeter. (i) Set to 'OHMS' range. (ii) Ensure indicating approximately 1 k ohms. (iii) Reverse connections. (iv) Ensure indicating NOT less than 500 k ohms. (v) Disconnect both leads. (vi) Set to 'OHMS ÷ 100' range.</p> <p>2.3 37 way test plug. Connect leads marked 'r' and 's' to multimeter.</p>												
								ASSOCIATED PROCEDURE CARDS				
								ASSOCIATED TRADES				
								SP NO				
								117				

SMS/82/166/3

Continued

CHAP	2	FLT SYST	SERVICING PROCEDURES LIGHTNING		AP101B-1000-5A3 E Section 1 (1st Edition)				
SP NO	117	CONTINUED			AC NO DATE				
SHEET	2	AL 16			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>Resistance Test</u> (Contd)</p> <p>2.4 Multimeter. (i) Ensure indicating approximately 0.5 ohm . (ii) Disconnect both leads. (iii) Set to 'OHMS' range</p> <p>2.5 37 way test plug. Connect lead marked 'L' to multimeter black terminal and lead marked 'r' to red terminal.</p> <p>2.6 Multimeter. Ensure indicating <u>NOT</u> less than 500 k ohms.</p> <p>2.7 37 way test plug. (i) Disconnect lead marked 'r' from multimeter red terminal. (ii) Connect lead marked 'S' to multimeter red terminal.</p> <p>2.8 Multimeter. Ensure indicating <u>NOT</u> less than 500 k ohms.</p> <p>3. <u>Completion</u></p> <p>3.1 Multimeter. (i) Disconnect 37 way test plug leads. (ii) Switch 'OFF'.</p> <p>3.2 37 Way test plug. Remove.</p> <p>3.3 Weapon pack electrical test point panel. Refit.</p>									
<p>SMS/82/166/3A/STC</p>					Continued				

This file was downloaded
from the RTFM Library.

Link: www.scottbouch.com/rtfm

Please see site for usage terms,
and more aircraft documents.

