

CHAP	2	SP 119	SERVICING PROCEDURES				AP.101B-1000-5A3 E				TIME	ACT				
TRADE	NAV INST		LIGHTNING				Section 1 (1st Edition)									
SHEET	1	OF	3	SHEET/S		2	2A	3	5	6	AL NO	DATE	EST			
TITLE	Pilot's controller mode switches - Test										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 Adapter Loc. Manuf. (See Fig 1).											MAN HOURS	TRADESMAN INIT	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS	
NAV INSTRUMENTS																
1. <u>Preparation</u>																
1.1 Plug 'J' on flight system distribution box. Remove.																
1.2 Locally manufactured test adapter. (See Fig 1). Connect to SKT 'J'.																
1.3 Multimeter CT 498. (i) Set to 30 volt dc range. (ii) Connect negative terminal to suitable earth point.																
1.4 External dc power supplies. (i) Connect. (ii) Switch on.																
2. <u>Testing</u>																
2.1 Autopilot On/Off switch. Set to 'ON'.																
2.2 During this Sub-item each key is to be selected several times and rocked firmly, ensuring that:- (a) Normal pressure on each key achieves positive engagement. (b) There is no absence or fluctuation of the 28V dc supply while the key is selected. Mode key switches. Operate and check for presence of 28V dc on test adapter terminals. (Table 1).																
RM 52010/164											Continued				SP NO	119

SMS 17

ASSOCIATED PROCEDURE CARDS

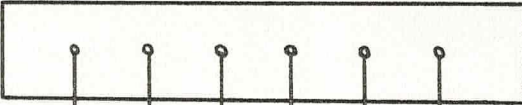
ASSOCIATED TRADES

CHAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3 E	
SP NO	119	CONTINUED	LIGHTNING		Section 1	
SHEET	2				(1st Edition)	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					AC NO DATE	
					SERVICING RECORD	
					(1)	(2)
					(3)	(4)
					(5)	
NAV INSTRUMENTS						
2. <u>Testing</u> (Contd)						
TABLE 1						
Mode Key Selected		Terminal Identification				
Climb		1				
Height		e				
Heading		3				
Attitude		19				
Track		5				
Glide		G				
2.3 Autopilot Set to 'OFF'.						
On/Off switch.						
3. <u>Completion</u>						
3.1 External dc (i) Switch off.						
power supplies. (ii) Disconnect.						
4. <u>General</u>						
4.1 Test meter. Remove.						
CT 498.						
4.2 Locally (i) Disconnect.						
manufactured (ii) Remove.						
test adapter.						
4.3 Plug 'J' on Reconnect.						
flight system						
distribution box.						
RM 52010/164A						

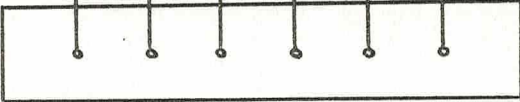
CHAP	2	INST NAV	SERVICING PROCEDURES LIGHTNING		AP101B-1000-5A3 E	
SP NO	119	CONTINUED			Section 1 (1st Edition)	
SHEET	3				AC NO DATE	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					SERVICING RECORD	
					(1)	(2)
					(3)	(4)
					(5)	

NAV INSTRUMENTS

1 e 3 19 5 G



Six-way terminal block.



Plessey 55-way plug
(10H/1050776).

FIG 1

RM52010/165

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