

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).																		
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			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 On/Off switch. Set to 'OFF'.							
3. <u>Completion</u>							
3.1 External dc power supplies. (i) Switch off. (ii) Disconnect.							
4. <u>General</u>							
4.1 Test meter. CT 498. Remove.							
4.2 Locally manufactured test adapter. (i) Disconnect. (ii) Remove.							
4.3 Plug 'J' on flight system distribution box. Reconnect.							
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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

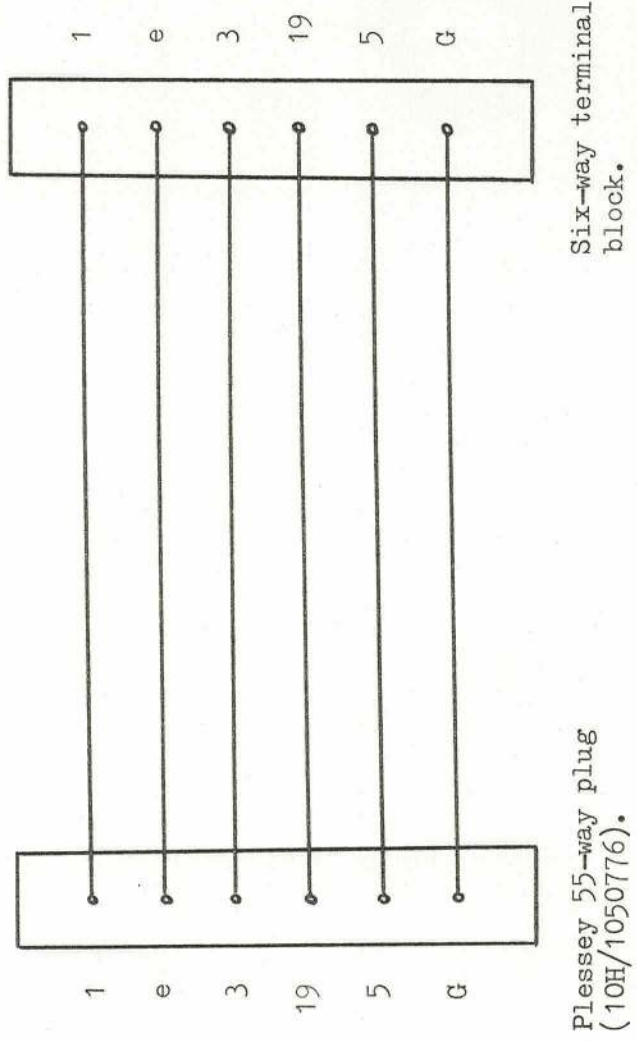


FIG 1

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