

Global Sales:
Units 5 & 6, Oak Tree Place,
Matford Business Park
Exeter. Devon. EX2 8WA, UK.

Head Office:
7178 Headley ST SE,
PO Box 649
Ada, MI 49301 USA.

Part Number: 522-4610-004
Description: TEST SET
ATP Serial Number: PMH0035
Date: 2026-06-20

Image: 1 of 3



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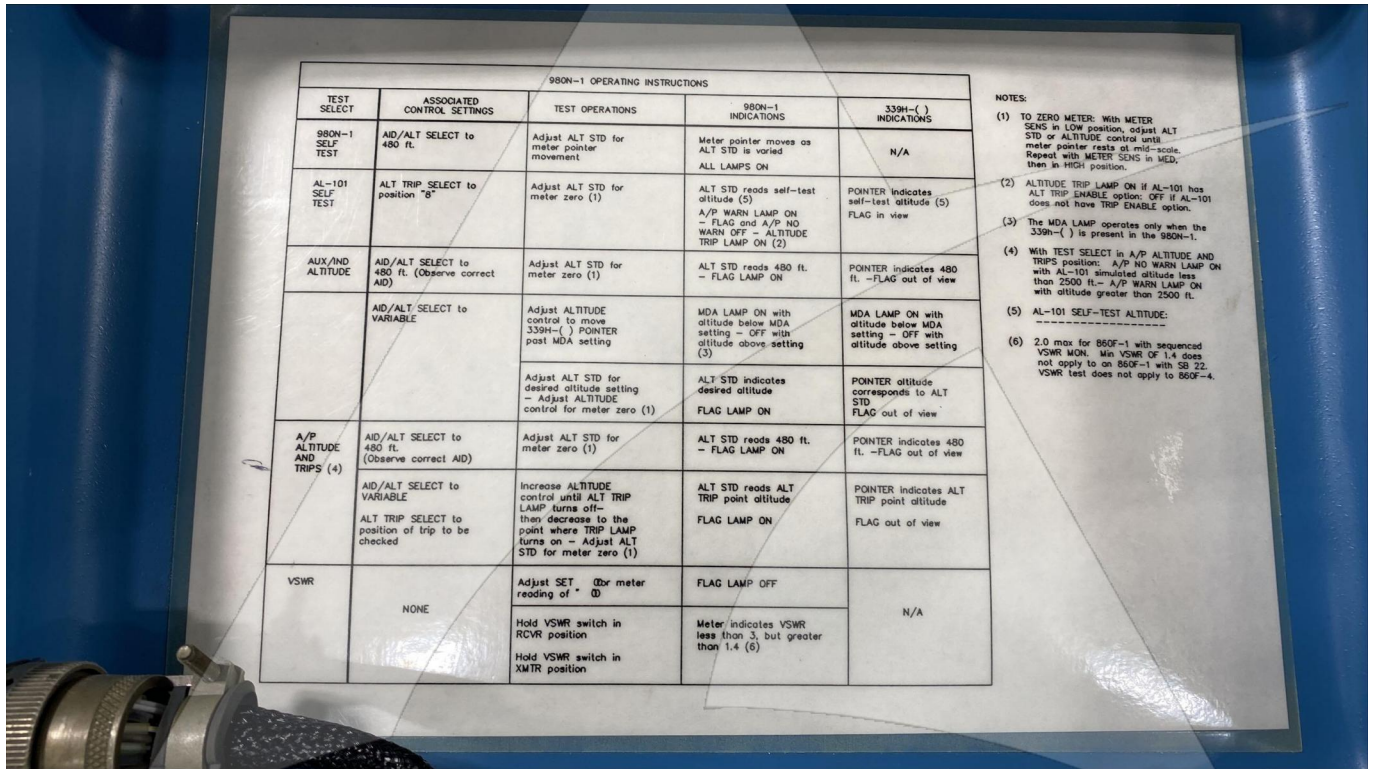


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980N-1 OPERATING INSTRUCTIONS				
TEST SELECT	ASSOCIATED CONTROL SETTINGS	TEST OPERATIONS	980N-1 INDICATIONS	339H-() INDICATIONS
980N-1 SELF TEST	AID/ALT SELECT to 480 ft.	Adjust ALT STD for meter pointer movement	Meter pointer moves as ALT STD is varied ALL LAMPS ON	N/A
AL-101 SELF TEST	ALT TRIP SELECT to position "8"	Adjust ALT STD for meter zero (1)	ALT STD reads self-test altitude (5) A/P WARN LAMP ON - FLAG and A/P NO WARN OFF - ALTITUDE TRIP LAMP ON (2)	POINTER indicates self-test altitude (5) FLAG in view
AUX/IND ALTITUDE	AID/ALT SELECT to 480 ft. (Observe correct AID)	Adjust ALT STD for meter zero (1)	ALT STD reads 480 ft. - FLAG LAMP ON	POINTER indicates 480 ft. - FLAG out of view
	AID/ALT SELECT to VARIABLE	Adjust ALTITUDE control to move 339H-() POINTER past MDA setting Adjust ALT STD for desired altitude setting - Adjust ALTITUDE control for meter zero (1)	MDA LAMP ON with altitude below MDA setting - OFF with altitude above setting (3) ALT STD indicates desired altitude FLAG LAMP ON	MDA LAMP ON with altitude below MDA setting - OFF with altitude above setting POINTER altitude corresponds to ALT STD FLAG out of view
A/P ALTITUDE AND TRIPS (4)	AID/ALT SELECT to 480 ft. (Observe correct AID) AID/ALT SELECT to VARIABLE ALT TRIP SELECT to position of trip to be checked	Adjust ALT STD for meter zero (1) Increase ALTITUDE control until ALT TRIP LAMP turns off - then decrease to the point where TRIP LAMP turns on - Adjust ALT STD for meter zero (1)	ALT STD reads 480 ft. - FLAG LAMP ON ALT STD reads ALT TRIP point altitude FLAG LAMP ON	POINTER indicates 480 ft. - FLAG out of view POINTER indicates ALT TRIP point altitude FLAG out of view
VSWR	NONE	Adjust SET (Dr meter reading of "0") Hold VSWR switch in RCVR position Hold VSWR switch in XMTR position	FLAG LAMP OFF Meter indicates VSWR less than 3, but greater than 1.4 (6)	N/A

- NOTES:
- (1) TO ZERO METER: With METER SENS in LOW position, adjust ALT STD or ALTITUDE control until meter pointer rests at mid-scale. Repeat with METER SENS in MED, then in HIGH position.
 - (2) ALTITUDE TRIP LAMP ON if AL-101 has ALT TRIP ENABLE option: OFF if AL-101 does not have TRIP ENABLE option.
 - (3) The MDA LAMP operates only when the 339H-() is present in the 980N-1.
 - (4) With TEST SELECT in A/P ALTITUDE AND TRIPS position: A/P NO WARN LAMP ON with AL-101 simulated altitude less than 2500 ft. - A/P WARN LAMP ON with altitude greater than 2500 ft.
 - (5) AL-101 SELF-TEST ALTITUDE: -----
 - (6) 2.0 max for 860F-1 with sequenced VSWR MON. Min VSWR OF 1.4 does not apply to an 860F-1 with SB 22. VSWR test does not apply to 860F-4.