

Global Sales:  
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Head Office:  
7178 Headley ST SE,  
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Ada, MI 49301 USA.

**Part Number:** 980N-1  
**Description:** TEST SET RADIO ALTM  
**ATP Serial Number:** PMH0025001EXT  
**Date:** 2026-04-12

**Image:** 1 of 4



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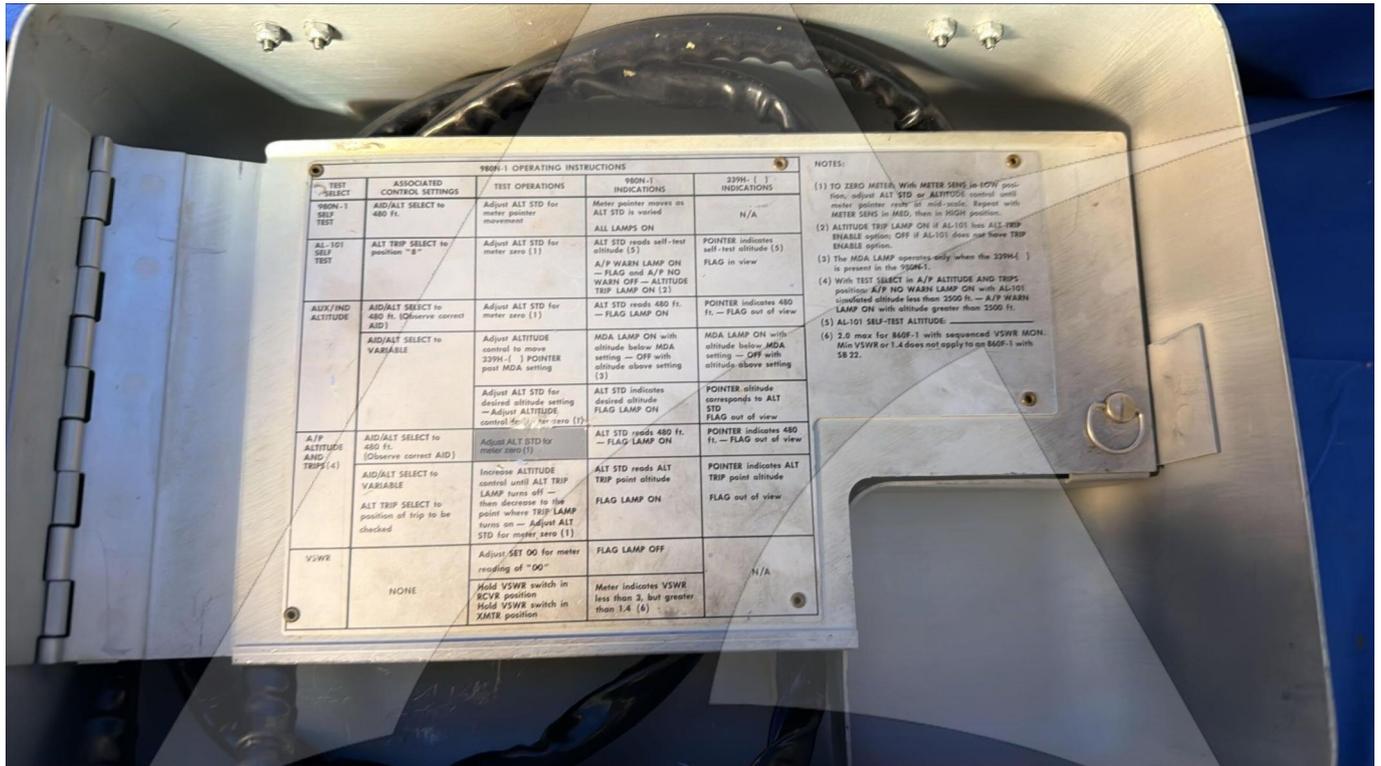


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980N-1 OPERATING INSTRUCTIONS				
TEST SELECT	ASSOCIATED CONTROL SETTINGS	TEST OPERATIONS	980N-1 INDICATIONS	339H-1 INDICATIONS
980N-1 SELF TEST	AID/ALT SELECT to 480 ft.	Adjust ALT STD for meter pointer movement	Meter pointer moves on ALT STD is varied ALL LAMPS ON	N/A
AL-101 SELF TEST	ALT TRIP SELECT to position "B"	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-1 POINTER past MDA setting	MDA LAMP ON with altitude below MDA setting — OFF with altitude above setting (3)	MDA LAMP ON with altitude below MDA setting — OFF with altitude above setting (3)
A/P ALTITUDE AND TRIPS (4)	AID/ALT SELECT to 480 ft. (Observe correct AID)	Adjust ALT STD for desired altitude setting — Adjust ALTITUDE control 40-1 for zero (1)	ALT STD indicates desired altitude FLAG LAMP ON	POINTER altitude corresponds to ALT STD FLAG out of view
	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 GO for meter reading of "00"  Hold VSWR switch in SCVR position Hold VSWR switch in XMTB 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 reads 0 (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-1 is present in the 558MS.
  - (4) With TEST SELECT in A/P ALTITUDE AND TRIPS position, A/P NO WARN LAMP ON with AL-101 configured 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 MCH. Max VSWR or 1.4 does not apply to the 860F-1 with 58 22.

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