



MODEL 6500

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<http://www.avionteq.com/Laversab-6500-Automated-Air-Data-Test-Set.aspx>

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LAVERSAB

UNITS:	C	KNOTS	Ft/min	FEET
ACTUAL:		100.0	0	1000
TARGET:		100.0	4000	1000

PI AIRSPEED	PS RATE CLIMB	PS ALTITUDE	PS ALTITUDE
←		→	
Pt	Pt	Ps	Ps
MODE	MODE	MODE	MODE

7	8	9
4	5	6
1	2	3
0	.	+/-



REMOTELY TERMINATED



PI TEST

PS TEST



CONTRAST



POWER

Automated Air Data Test Set

NSN: 4920 01 375 7472

Specifications on back

The 6500 Air Data Test Set requires only a pressure source and a vacuum source and is extremely simple to use. It can be used to test and calibrate altimeters, airspeed / Mach indicators, Climb indicators, Flight data recorders, Air data computers, and EPR indicators. The high accuracy of this unit meets the latest RVSM requirements. Also, it needs to be calibrated only once a year. The use of "Profiles" makes it possible for the operator to run through a test using only a single key on the front panel keypad of this unit. The 6500 is easy to use, accurate and reliable.

Specifications

Static Output

Units of display

Altitude units: Feet, meters
Pressure units: inHg, mmHg, mbar, kpa, psi

Pressure function

range: 0.1 to 42 inHg
resolution: 0.001 inHg
accuracy: 0.002 inHg

Altitude function

range: -4000 ft. to 100,000 ft.
resolution: 1 foot
accuracy: 2 ft. @ 0 ft.
6 ft. @ 35,000 ft.
12 ft. @ 50,000 ft.
50 ft. @ 80,000 ft.

Climb function

range: 0 ft/min to 50,000 ft/min
resolution: 1 ft/min
accuracy: 1% of rate of climb

Pitot output

Units of display

Airspeed units: knots, Mach, kmph
Pressure units: inHg, mmHg, mbar, kpa, psi
(all units both abs. & diff.)

Pressure function

range: 0.1 to 110 inHg
resolution: 0.001 inHg
accuracy: 0.003 inHg

Airspeed function

range: 0 to 1100 knots
resolution: 0.1 knots
accuracy: 1.5 knots @ 20 knots
0.5 knots @ 50 knots
<0.25 knots above 100 knots
<0.1 knots above 300 knots

Mach function

range: 0.0 to 5.0 Mach
resolution: 0.001 Mach
accuracy: 0.001 above 0.2 Mach

"Jog" feature

Allows set-point to be increased or decreased in small steps simply by using arrow keys.

"Profiles" feature

A profile of the standard set-points of an altimeter check or airspeed check can be downloaded from a computer. Such a profile allows the user to operate the unit using a single key. Up to 20 such profiles can be stored in the unit.

Vacuum requirement

Vacuum pump should be capable of generating a vacuum of 0.3 inHg absolute or better.

Pressure requirement

Dry Air (No Nitrogen) at 40 psig with a pressure-regulator dedicated to this unit.

Power requirement

90-260 VAC, 48-400 Hz., 100 watts

Interfaces

RS232 and IEEE-488
Model 6505 Remote Unit optional

Dimensions & weight

6.5" high x 15.5" wide x 17.0 deep / 20 lbs.
19-inch rack-mount kit optional

Environmental specs:

Operating temp. 0° to 50°C
Storage temp. -25° to 75°C
Humidity: 5 to 95% non-condensing

Specifications subject to change without notice

09/10



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