

1811D PITOT STATIC TESTER

GENERAL INFORMATION

The Barfield 1811D is an inexpensive, portable, self-contained field tester ideal for leak testing aircraft pitot and static systems or on-board testing of altimeters and airspeed indicators. The tester uses two analog instruments (Altimeter and Airspeed) with the appropriate correction cards to perform aircraft leak tests or instrument calibration checks. All 1811 series testers are configured with hand pumps and external pressure ports for supplying the necessary pressure and vacuum (no external power required) needed for on-board testing.

The Barfield 1811 series pitot/static testers are very practical for new facilities or those with a limited budget. The unit includes two 25-foot hoses, a pitot mast adapter, and a 2423F static port adapter kit. The 1811D is available with the new DAS650 Digital Airspeed and DALT55 Digital Altimeter. Below is the P/N generation table:

1811D	-	<u>1</u>	0	3
AIRSPEED INDICATORS				
1	650 KNOT RANGE (50-650) KNOTS			
4	420 KNOT RANGE (60-420 KNOTS)			
6	250 KNOT RANGE (20-250 KNOTS)			
9	SPECIAL			
A	DALT650, 650 KNOT RANGE			

ALTIMETERS				
4	PRECISION DUAL DIAPHRAGM, 3 pts. 80K RANGE CAL TO 55K, InHg/mb BARO SCALE			
5	SENSITIVE, 3 ptr., 50,000 FEET InHg/mb BARO SCALE			
5	SENSITIVE, 3 ptr., 35,000 FEET InHg/mb BARO SCALE			
9	SPECIAL			
A	DALT55, DIGITAL 55K FEET			

ORDERING EXAMPLE: P/N 1811D103 IS AN 1811D TESTER HAVING A 650 KNOT AIRSPEED INDICATOR AND 50K FT. ALTIMETER. ALSO P/N 1811DA0A IS AN 1811D TESTER CONTAINING DAS650 AND DALT55 DIGITAL INSTRUMENTS.



DIMENSIONS

	In.	cm.
Height	11.3	28.7
Width	18.0	45.7
Depth	12.0	30.5
	lbs.	kg
Weight	18	8.2

FEATURES

- Ideal for flightline calibration checks and troubleshooting
- Performs precision Pitot-Static leak tests
- 2 instrument combination with optional ranges
- Calibration cards for all analog instruments
- Fully portable and self-contained (No external or electric pressure sources needed)
- Lightweight
- Optional Battery operated Digital Instruments for greatly improved accuracy and reliability

1811D ACCESSORIES

- 115-00056 Hose Kit (2 ea. - 25 Ft.) incl. Pitot Adapt. (Included with new testers)
- 115-00218 Hose Kit (2 ea. - 40 Ft.) incl. Pitot Adapt.
- 115-00057 Pitot Tube Adapter Assy. (1/2" inner Dia.)
- 2423F Static Port Adapter Kit