barfield
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TAT GROUP

Air Data Feature Comparison Chart

Measurement Data

	1811 Series	DPS350	DPS1000	DPS450	DPS500
R.V.S.M. Accuracy	-	S	S	S	S
Aneroid Instruments (Analog)	S	-	-	-	-
Correction Cards	S	-	-	-	-
Altitude up to 55,000 ft	O	S	S	S	-
Altitude up to 100,000 ft	-	-	-	-	S
Airspeed up to 650kts	O	S	S	S	-
Airspeed up to 850kts	-	-	-	-	S
Airspeed up to I000kts	-	-	-	-	O
Vertical Speed to 6000 ft/min	O	S	S	S	S
Vertical Speed above 6000 ft/min	O*	S	S	S	S
Transducers	O*	S	S	S	S

Display Characteristics

	1811 Series	DPS350	DPS1000	DPS450	DPS500
Analog instruments	S	-	-	-	-
Digital LCD Display	O*	S	-	S	S
Color Graphic Touch Screen	-	-	S	-	-
Airspeed, knots	S	S	S	S	S
Altitude, feet	S	S	S	S	S
Rate of Climb, feet per minute	O	S	S	S	S
Mach	O*	S	S	S	S
Airspeed, kilometer per hour	O*	S	S	S	S
Altitude, meters	O*	S	S	S	S
Rate of Climb, meters per minute	O*	S	S	S	S
EPR: Pt / Ps	O*	S	S	S	S
Unit measurement in millibars	O*	S	S	S	S
Unit measurement in inches of mercury	O*	S	S	S	S
Unit measurement in psi	O*	S	S	S	S
Unit measurement in millimeters of mercury	-	-	S	S	S
Unit measurement in InH2O (4°C, 20°C, 60°F)	-	-	S	S	S
Unit measurement in hectopascal	-	-	-	S	S
Unit measurement in kilopascal	-	-	S	S	S
True Airspeed, knots & kilometer per hour	-	-	-	-	S

Control Features

	1811 Series	DPS350	DPS1000	DPS450	DPS500
Manual needle valve control	S	S	-	-	-
Manual differential regulators	-	-	-	-	-
Semi-automatic microprocessor control	-	S	-	-	-
Leak measure facility	O*	S	S	S	S
Full automatic microprocessor control	-	-	S	S	S
Keyboard data entry	-	-	S**	S	S
Controlled climb / decent rate	-	-	S	S	S
Automatic “Go to ground” function	-	-	S	S	S
Auto Intervention (for excessive leaks)	-	-	S	S	S
Remote control	-	-	O***	S	S
WIFI Enabled	-	-	O	-	-
Automatic Leak Test Routine	-	-	S	-	O

S = Standard Feature O = Option - = Not available

* 1811 Series with DAS650 & DALT55 option ** DPS1000 Data Entry via Graphic Touch Screen Display *** Optional WIFI and Tablet Application