



New Piper Apache 235 is reported by manufacturer to combine speed, utility and short-field ability with economy. It is distinguished by long, sleek hull, swept tail and single-piece stabilator

Apache 235 Is Newest Executive Transport

The Piper *Apache 235* was unveiled in late September, at Piper Aircraft Corporation's annual sales meeting, as the newest twin-engine executive transport on the market and reportedly offers many of the features of the *Aztec B* at a lower price.

Powered by two 235 hp. six-cylinder Lycoming engines, the four- to five-place *Apache 235* is priced at \$44,990 for the standard model—about midway between the *Apache H* and the *Aztec B*. Main features include separate seats for each occupant. Four standard seats are individually adjustable forward or backward and can be set in three different positions, from normal to upright to semi-reclining. The fifth seat, standard in the Super Custom model, occupies the rear of the cabin on the left side.

Standard instrumentation includes full gyro panel, engine and other flight instruments. Super Custom models include factory installed IFR radio packages.

The *Apache 235* reportedly combines design features of the *Apache* and the *Aztec*. The forward section is *Apache* and the tail and empennage are *Aztec*, including swept rudder and all-moving stabilator. Construction is all metal, with welded steel tubing around the cabin region for additional strength

and protection.

Flaps and retractable tricycle landing gear are hydraulically operated. Dual generators and vacuum pumps, the Piper Tru-Speed Indicator, a heated pitot tube and rotating beacons are standard in the Super Custom model. The AutoFlite model adds Piper Auto-Control, automatic flight unit.

A comparison of specifications and performance figures between the *Apache 235* and the *Aztec B* is given below:

	Apache 235	Aztec B
Gross weight (lbs.)	4,800	4,800
Empty weight (lbs.)	2,735	2,900
Fuel capacity (gals.)	144	144
Wing span (ft.)	37	37
Wing area (sq. ft.)	207	207
Length (ft.)	27.6	30.1
Height (ft.)	10.3	10.3
Wing loading (lbs./sq. ft.)	23.2	23.5
Power loading (lbs./hp.)	10.2	9.6
Top speed (m.p.h.)	202	215
Cruising speed (7,000 ft./75%)	191	205
Best single-engine rate of climb (f.p.m.)	220	350
Rate of climb (f.p.m.)	1,450	1,650
Service ceiling (ft.)	17,200	21,000
Absolute ceiling (ft.)	18,500	22,500
Fuel consumption (gal./hr. @75%)	28	28
Range (7,000 ft./75%)	980	1,025
Price (standard model)	\$44,990	\$52,990

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