

Piper Meridian

Engine...1 Pratt & Whitney PT6A-42A turboprop

Horsepower...500 shp

TBO...3,600 hours

Propellers...Hartzell 4-blade, 82-in dia., constant-speed, full feathering, reversible

Seats...6

Length...29.6 ft

Height...11.3 ft

Wingspan... 43 ft

Wing aspect ratio... 10:1

Wing area... 183 sq ft

Wing loading... 27.8 lbs/sq ft

Power loading...10.2 lbs/shp

Max ramp weight...5,134 lbs

Max takeoff weight... 5,092 lbs

Standard empty weight... 3,417 lbs

Standard useful load...1,717 lbs

Usable fuel (gallons/lbs)...170/1160

Payload with full fuel... 557 lbs

Max zero fuel weight...4,850 lbs

Max landing weight...4,850 lbs

Never exceed...188 kts

Maneuvering speed...127 kts

Ceiling (certified)...30,000 ft

Pressurization...5.5 psi 8,000 cabin... @ 25,000 feet

Max cruise...260 kts IFR range, max cruise...1,000 nm

Rate of climb...1,556 fpm