

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer	Pratt & Whitney
Model	PT6B-36 (2)

Power Ratings:

Takeoff	981 shp / 732 kw
Max Continuous	887 shp / 661 kw

Transmission Ratings:

Take off	1605 shp / 1197 kw
Continuous	1300 shp / 969 kw

Rotor Systems:

Main Rotor Blades	4
Tail Rotor Blades	4
Main Diameter	44.00 ft / 13.41 m

Dimensions External:

Length, fuselage	44.67 ft / 13.62 m
Length, T/R turning	45.80 ft / 13.96 m
Width, fuselage	7.00 ft / 2.13 m
Width, widest point	10.00 ft / 3.05 m
Width, landing gear	8.46 ft / 2.58 m
Height, top, tail fin	11.75 ft / 3.58 m
Height, top, TR arc	14.50 ft / 4.42 m
GR clearance, fuselage	1.00 ft / 0.30 m
GR clearance, T/R guard	6.50 ft / 1.98 m

Dimensions, Internal:

Cabin Length, max	8.07 ft / 2.46 m
Cabin Width, max	6.33 ft / 1.93 m
Cabin Height, max	4.50 ft / 1.37 m
Cabin Volume	204.0 ft ³ / 5.78 m ³
Baggage Volume	38.00 ft ³ / 1.08 m ³

Hourly Maintenance Cost:

\$397-464

Accommodations:

Standard seating	2 + 4 + 4
High density	2 + 4 + 4

Weights:

Max gross	11,700 lb / 5307 kg
Empty, std acft	6581 lb / 2985 kg
Useful load	5119 lb / 2322 kg
Useful, with full fuel	3222 lb / 1462 kg
External load	3300 lb / 1497 kg
Gross with ext load	11,700 lb / 5307 kg

Average Fuel Consumption:

Gallons per hour (GPH)	103-113
Liters per hour (LPH)	388-429

Range:

Max Fuel	357 nm / 662 km
Max Payload	357 nm / 662 km
Aux fuel, no reserves	497 nm / 920 km

Endurance:

Std fuel, no reserves	2.6 hrs
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Performance:

Service ceiling	15,000 ft / 4572 m
HIGE	8000 ft / 1143 m
HOGE	3750 ft / 503 m
ROC, oblique	1650 fpm / 503 m/min
Econ Cruise, S/L	139 kts / 258 km/hr
VNE	155 kts / 287 km/hr