

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer	Rolls Royce
Model	250 C 40 (twin)

Power Ratings:

Takeoff	808 shp / 557 kw
Max Continuous	695 shp / 461 kw

Transmission Ratings:

Take off	1045 shp / 779 kw
Continuous	989 shp / 737 kw

Rotor Systems:

Main Rotor Blades	4
Tail Rotor Blades	2
Main Diameter	42.00 ft / 12.80 m

Dimensions External:

Length, fuselage	44.10 ft / 13.50 m
Length, T/R turning	44.10 ft / 13.50 m
Length, M/R turning	No data available
Width, fuselage	11.30 ft / 3.45 m
Width, widest point	11.30 ft / 3.45 m
Width, landing gear	11.30 ft / 3.45 m
Height, top, rotor hub	No data available
Height, top, tail fin	11.20 ft / 3.41 m
Gr clearance, fuselage	1.31 ft / 0.40 m
GR clearance, T/R guard	3.90 ft / 1.19 m

Dimensions, Internal:

Cabin Length, max	7.75 ft / 2.36 m
Baggage Length, max	4.90 ft / 1.49 m
Cabin Width, max	4.83 ft / 1.47 m
Baggage Width, max	4.70 ft / 1.43 m
Cabin Height, max	4.75 ft / 1.45 m
Baggage Height, max	2.00 ft / 0.61 m
Cabin Volume	158.00 ft ³ / 4.50 m ³
Baggage Volume	37.20 ft / 1.10 m

Hourly Maintenance Cost:

\$405-460

Accommodations:

Standard seating	2 + 2 + 2 + 2
High density	2 + 2 + 3 + 3

Weights:

Max gross	9000 lb / 4082 kg
Empty, std acft	5308 lb / 2407 kg
Useful load	3922 lb / 1811 kg
Useful, with full fuel	1654 lb / 750 kg
External load	3500 lb / 1588 kg
Gross with ext load	9300 lb / 4218 kg

Average Fuel Consumption:

Gallons per hour (GPH)	81-89
Liters per hour (LPH)	306-338

Range:

Endurance, cruise, no reserves	4.3 hrs
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Performance:

Service ceiling	17,100 ft / 5212 m
HIGE	12,700 ft / 3871 m
HIGE, ISA+20ØC	8500 ft / 2591 m
HOGE	8750 ft / 2667 m
HOGE, ISA+20ØC	4300 ft / 1311 m