

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer	Rolls Royce
Model	250 C30P

Power Ratings:

Takeoff	650 shp / 485 kw
Max Continuous	557 shp / 415 kw

Transmission Ratings:

Take off	435 shp / 324 kw
Continuous	370 shp / 276 kw

Rotor Systems:

Main Rotor Blades	2
Tail Rotor Blades	2
Main Diameter	37.00 ft / 11.28 m

Dimensions External:

Length, fuselage	34.24 ft / 10.44 m
Length, T/R turning	34.24 ft / 10.44 m
Length, M/R turning	45.52 ft / 12.96 m
Width, fuselage	4.33 ft / 1.32 m
Width, widest point	7.68 ft / 2.34 m
Width, landing gear	7.68 ft / 2.34 m
Height, top, rotor hub	10.32 ft / 3.15 m
Height, top, tail fin	9.97 ft / 3.04 m
GR clearance, fuselage	1.25 ft / 0.38 m
GR clearance, T/R guard	3.19 ft / 0.97 m

Dimensions, Internal:

Cabin Length, max	5.00 ft / 1.52 m
Baggage Length, max	3.00 ft / 0.91 m
Cabin Width, max	3.90 ft / 1.19 m
Baggage Width, max	3.40 ft / 1.04 m
Cabin Height, max	4.20 ft / 1.28 m
Baggage Height, max	1.80 ft / 0.55 m
Cabin Volume	80.00 ft ³ / 2.27 m ³
Baggage Volume	16.00 ft ³ / 0.45 m ³

Hourly Maintenance Cost:

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Accommodations:

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

Weights:

Max gross	4150 lb / 1882 kg
Empty, std acft	2200 lb / 998 kg
Useful load	1950 lb / 884 kg
Useful, with full fuel	1213 lb / 550 kg
External load	2000 lb / 907 kg
Gross with ext load	4250 lb / 1928 kg

Average Fuel Consumption:

Gallons per hour (GPH)	33-37
Liters per hour (LPH)	126-139

Range:

Max Fuel	317 nm / 588 km
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Endurance:

Std fuel, no reserves	3.7 hrs
Cruise, no reserves	2.8 hrs

Performance:

Service ceiling	20,000 ft / 6090 m
HIGE	16,500 ft / 5030 m
HIGE, ISA+20°C	14,100 ft / 4300 m
HOGE	5400 ft / 1645 m
HOGE, ISA+20°C	2900 ft / 885 m
ROC, oblique	1340 fpm / 408 m/min
Econ Cruise, S/L	109 kts / 202 km/hr
VNE	130 kts / 241 km/hr