

## 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	490 shp / 365 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	33.20 ft
Length, T/R turning	33.20 ft
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 <sup>3</sup> / 2.27 m <sup>3</sup>
Baggage Volume	16.00 ft <sup>3</sup> / 0.45 m <sup>3</sup>

### Hourly Maintenance Cost:

\$174 - 211

### Accommodations:

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

### Weights:

Max gross	4450 lb / 2019 kg
Empty, std acft	2309 lb
Useful load	2140 lb
Useful, with full fuel	1423 lb / 645 kg
External load	2000 lb / 907 kg
Gross with ext load	4550 lb

### Average Fuel Consumption:

Gallons per hour (GPH)	34-38
Liters per hour (LPH)	129-143

### Range:

Max Fuel	324 nm / 600 km
----------	-----------------

### Endurance:

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

### Performance:

Service ceiling	10,000 ft / 3048 m
HIGE	10,000 ft / 3048 m
HIGE, ISA+20°C	7700 ft / 2347 m
HOGE	6500 ft / 1981 m
HOGE, ISA+20°C	4200 ft / 1280 m
ROC, oblique	1340 fpm / 408 m/min
Econ Cruise, S/L	117 kts / 217 km/hr
VNE	130 kts / 241 km/hr