

## TECHNICAL SPECIFICATIONS

### Engine:

Manufacturer	Rolls Royce
Model	250 C20J

### Power Ratings:

Takeoff	420 shp / 313 kw
Max Continuous	370 shp / 276 kw

### Transmission Ratings:

Take off	317 shp / 236 kw
Continuous	270 shp / 201 kw

### Rotor Systems:

Main Rotor Blades	2
Tail Rotor Blades	2
Main Diameter	33.30 ft / 10.15 m

### Dimensions External:

Length, fuselage	21.40 ft
Length, T/R turning	28.10 ft
Length, M/R turning	39.10 ft / 11.92 m
Width, fuselage	4.20 ft / 1.95 m
Width, widest point	6.40 ft / 1.95 m
Width, landing gear	6.40 ft / 1.95 m
Height, top, rotor hub	9.50 ft / 2.90 m
Height, top, tail fin	9.20 ft / 2.80 m
Gr clearance, fuselage	1.00 ft / 0.31 m
GR clearance, T/R guard	1.60 ft / 0.49 m

### Dimensions, Internal:

Cabin Length, max	3.30 ft / 1.01 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	40.00 ft <sup>3</sup> / 1.12 m <sup>3</sup>
Baggage Volume	16.00 ft <sup>3</sup> / 0.45 m <sup>3</sup>

### Hourly Maintenance Cost:

\$128- 149

### Accommodations:

Standard seating	2 + 3
High density	2 + 3

### Weights:

Max gross	3200 lb / 1452 kg
Empty, std acft	1702 lb
Useful load	1498 lb
Useful, with full fuel	955 lb / 433 kg
External load	1500 lb / 680 kg
Gross with ext load	3350 lb

### Average Fuel Consumption:

Gallons per hour (GPH)	25-27
Liters per hour (LPH)	93-103

### Range:

Max Fuel	369 nm / 684 km
----------	-----------------

### Endurance:

Std fuel, no reserves	4.5 hrs
Cruise, no reserves	3.2 hrs

### Performance:

Service ceiling	13,500 ft / 4120 m
HIGE	13,200 ft
HIGE, ISA+20ØC	10,200 ft / 3115 m
HOGE	5300 ft
HOGE, ISA+20ØC	3000 ft
ROC, oblique	1280 fpm / 390 m/min
Econ Cruise, S/L	115 kts / 225 km/hr
VNE	122 kts / 225 km/hr