

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer	Rolls Royce
Model	250 C20B

Power Ratings:

Takeoff	420 shp / 313 kw
Max Continuous	400 shp / 298 kw

Transmission Ratings:

Take off	740 shp / 552 kw
Continuous	740 shp / 552 kw

Rotor Systems:

Main Rotor Blades	4
Tail Rotor Blades	2
Main Diameter	36.09 ft / 11.00 m

Dimensions External:

Length, fuselage	35.14 ft / 10.71 m
Length, T/R turning	37.06 ft / 11.30 m
Length, M/R turning	No data available
Width, fuselage	4.66 ft / 1.42 m
Width, widest point	9.45 ft / 2.88 m
Width, landing gear	8.04 ft / 2.45 m
Height, top, rotor hub	9.52 ft / 2.90 m
Height, top, tail fin	10.82 ft / 3.30 m
Height, top, TR Arc	9.71 ft / 2.96 m
GR clearance, fuselage	1.12 ft / 0.51 m
GR clearance, T/R guard	2.53 ft / 0.77 m

Dimensions, Internal:

Cabin Length, max	5.35 ft / 1.63 m
Baggage Length, max	3.28 ft / 1.00 m
Cabin Width, max	4.33 ft / 1.32 m
Baggage Width, max	3.94 ft / 1.20 m
Cabin Height, max	4.20 ft / 1.28 m
Baggage Height, max	1.67 ft / 0.51 m
Cabin Volume	100.00 ft ³ / 2.82 m ³
Baggage Volume	18.36 ft ³ / 0.52 m ³

Accommodations:

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

Weights:

Max gross	5730 lb / 2600 kg
Empty, std acft	3258 lb / 1478 kg
Useful load	2472 lb / 1122 kg
Useful, with full fuel	1494 lb / 678 kg
External load	2000 lb / 907 kg
Gross with ext load	5730 lb / 2600 kg

Average Fuel Consumption:

Gallons per hour (GPH)	57-63
Liters per hour (LPH)	216-238

Range:

Max Fuel	332 nm / 615 km
Max Payload	332 nm / 615 km
Aux fuel, no reserves	430 nm / 785 km

Endurance:

Std fuel, no reserves	2.9 hrs
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Performance:

Service ceiling	15,000 ft / 4570 m
HIGE	7900 ft / 2406 m
HOGE	4900 ft / 1495 m
ROC, oblique	1650 fpm / 503 m/min
ROC, vertical	850 fpm / 259 m/min
ROC, OEI	255 fpm / 78 m/min
Econ Cruise, S/L	126 kts / 234 km/hr
VNE	168 kts / 311 km/hr