

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer	Turbomeca
Model	Arriel 2C1 (2)

Power Ratings:

Takeoff	851 shp / 643 kw
Max Continous	800 shp / 597 kw

Rotor Systems:

Main Rotor Blades	5
Tail Rotor Blades	fenestron
Main Diameter	41.34 ft / 12.60 m

Dimensions External:

Length, fuselage	41.70 ft / 12.71 m
Length, T/R turning	41.70 ft / 12.71 m
Width, fuselage	11.42 ft / 3.48 m
Width, widest point	11.42 ft / 3.48 m
Width, landing gear	6.23 ft / 1.90 m
Height, top, rotor hub	11.96 ft / 3.64 m
Height, top, tail fin	14.27ft / 4.35 m

Dimensions, Internal:

Cabin Length, max	5.40 ft / 1.65 m
Baggage Length, max	3.85 ft / 1.17 m
Cabin Width, max	4.34 ft / 1.32 m
Baggage Width, max	3.98 ft / 1.21 m
Cabin Height, max	2.84 ft / 0.86 m
Baggage Height, max	1.45 ft / 0.45 m
Cabin Volume	235.0 ft ³ / 6.70 m ³
Baggage Volume	88.0 ft ³ / 2.50 m ³

Accomodations:

Standard seating	2 + 4
High density	3 + 4

Weights:

Max gross	10,580 lb / 4800 kg
Empty, std acft	5573 lb / 2528 kg
Useful load	5007 lb/ 2271 kg
Useful, with full fuel	278 lb / 1261 kg
External load	3527 lb / 1600 kg
Gross with ext load	10,580 lb / 4800 kg

Range:

Max Fuel	516 nm / 955 km
Max Payload	648 nm / 1201 km
Aux fuel, no reserves	779 nm / 1433 km

Endurance:

Std fuel, no reserves	4.5 hrs
-----------------------	---------

Performance:

Service ceiling	16,765 ft / 1895 m
HIGE	6219 ft / 1895 m
HIGE, ISA+20ØC	3165 ft / 965 m
HOGE	2840 ft / 865 m
Econ Cruise, S/L	143 kts / 266 km/hr
VNE	175 kts / 324 km/hr