

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer: Pratt and Whitney
of Canada

Model: Two 206C

Power Ratings:

Takeoff: 640 shp / 477 kw

Max Continuous: 567 shp / 419 kw

Transmission Ratings:

Take off: 900 shp / 671 kw

Continuous: 900 shp / 671 kw

Rotor Systems:

Main Rotor Blades: 4

Tail Rotor Blades: 2

Main Diameter: 36.09 ft / 11.00 m

Dimensions External:

Length, fuselage: 37.59 ft / 11.45 m

Dimensions, Internal:

Cabin Length, max: 11.58 ft / 3.53 m

Baggage Length, max: 7.55 ft / 2.30 m

Cabin Width, max: 5.28 ft / 1.61 m

Cabin Height, max: 4.20 ft / 1.28 m

Cabin Volume: 175.16 ft³ / 4.96 m³

Baggage Volume: 33.55 ft³ / 0.95 m³

Agusta 109E Power

Accommodations:

Standard seating: 1 + 7

High density: 1 + 7

Weights:

Max gross: 5997 lb / 2720 kg

Empty, std acft: 2910 lb / 1320 kg

Useful load: 2645 lb / 1200 kg

Useful, with full fuel: 2645 lb / 1200 kg

Gross with ext load: 5730 lb / 2599 kg

Range:

Max Fuel: 352 nm / 654 km

Endurance:

Endurance, std fuel, no reserves: 3.75 hrs

Performance:

Service ceiling: 19,600 ft / 5974 m

HIGE: 16,600 ft / 5059 m

HOGE: 11,800 ft / 3596 m

VNE: 168 kts / 311 km/hr