

Eurocopter AS365N3

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer	Turbomeca
Model	Arriel 2C (2)

Power Ratings:

Takeoff	851 shp / 635 kw
Max Continuous	800 shp / 597 kw

Rotor Systems:

Main Rotor Blades	4
Tail Rotor Blades	11
Main Diameter	39.17 ft / 11.94 m

Dimensions External:

Length, fuselage	38.15 ft / 11.63 m
Length, T/R turning	38.15 ft / 11.63 m
Width, fuselage	6.66 ft / 2.03 m
Width, widest point	10.66 ft / 3.25 m
Width, landing gear	6.23 ft / 1.90 m
Height, top, rotor hub	11.54 ft / 3.52 m
Height, top, tail fin	12.46 ft / 3.80 m
GR clearance, fuselage	1.22 ft / 0.37 m
GR clearance, T/R guard	2.17 ft / 0.66 m

Dimensions, Internal:

Cabin Length, max	7.22 ft / 2.20 m
Baggage Length, max	6.56 ft / 2.00 m
Cabin Width, max	6.29 ft / 1.92 m
Baggage Width, max	3.60 ft / 1.10 m
Cabin Height, max	4.59 ft / 1.40 m
Baggage Height, max	3.47 ft / 1.06 m
Cabin Volume	176.57 ft ³ / 5.00 m ³
Baggage Volume	56.46 ft ³ / 1.60 m ³

Accommodations:

Standard seating	2 + 11
High density	2 + 12

Weights:

Max gross	9480 lb / 4300 kg
Empty, std acft	5156 lb / 2343 kg
Useful load	4314 lb / 1957 kg
Useful, with full fuel	2303 lb / 1044 kg
External load	3527 lb / 1600 kg
Gross with ext load	9480 lb / 4300 kg

Range:

Max Fuel	440 nm / 814 km
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Endurance:

Std fuel, no reserves	4.1 hrs
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Performance:

Service ceiling	15,320 ft / 4670 m
HIGE	8569 ft / 2620 m
HIGE, ISA+20°C	5938 ft / 1810 m
HOGE	3773 ft / 1150 m
HOGE, ISA+20°C	1017 ft / 310 m
Econ Cruise, S/L	148 kts / 275 km/hr
VNE	155 kts / 287 km/hr