

Eurocopter AS365N2

TECHNICAL SPECIFICATIONS

Engine:

Manufacturer	Turbomeca
Model	Arriel 1C2 (2)

Power Ratings:

Takeoff	737 shp / 549 kw
Max Continuous	632 shp / 471 kw

Transmission Ratings:

Take off	1294 shp / 965 kw
Continuous	1134 shp / 846 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	1.31 ft / 0.40 m
GR clearance, T/R guard	1.47 ft / 0.45 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

Hourly Maintenance Cost:

\$340-385

Accommodations:

Standard seating	2 + 4 + 4
High density	2 + 4 + 4

Weights:

Max gross	9369 lb / 4250 kg
Empty, std acft	5028 lb / 2281 kg
Useful load	4341 lb / 1969 kg
Useful, with full fuel	2303 lb / 1044 kg
External load	3527 lb / 1600 kg
Gross with ext load	9369 lb / 4250 kg

Average Fuel Consumption:

Gallons per hour (GPH)	84-92
Liters per hour (LPH)	316-350

Range:

Max Fuel	459 nm / 851 km
Max Payload	382 nm / 708 km
Aux fuel, no reserves	720 nm / 1335 km

Endurance:

Std fuel, no reserves	4.6 hrs
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Performance:

Service ceiling	12,136 ft / 3700 m
HIGE	6560 ft / 2000 m
HIGE, ISA+20°C	3608 ft / 1100 m
HOGE	3940 ft / 1200 m
HOGE, ISA+20°C	656 ft / 200 m
ROC, oblique	1180 fpm / 360 m/min
Econ Cruise, S/L	138 kts / 256 km/hr
VNE	155 kts / 287 km/hr