



# McDonnell Douglas MD 600N

## TECHNICAL SPECIFICATIONS

### Engine:

Manufacturer	Rolls Royce
Model	250 C47M

### Power Ratings:

Takeoff	808 shp / 603 kw
Max Continuous	530 shp / 395 kw

### Transmission Ratings:

Take off	600 shp
Continuous	530 shp / 395 kw

### Rotor Systems:

Main Rotor Blades	6
Tail Rotor Blades	Notar
Main Diameter	27.50 ft / 8.38 m

### Dimensions External:

Length, fuselage	29.5 ft / 9.0 m
Length, T/R turning	No data available
Length, M/R turning	35.9 ft / 10.90 m
Width, fuselage	4.60 ft / 1.40 m
Width, widest point	6.30 ft / 1.90 m
Width, landing gear	6.30 ft / 1.90 m
Height, top, rotor hub	9.30 ft / 2.80 m
Height, top, tail fin	9.30 ft / 2.80 m
GR clearance, fuselage	1.9 ft / 0.60 m

### Dimensions, Internal:

Cabin Length, max	9.08 ft / 2.77 m
Cabin Width, max	4.50 ft / 1.37 m
Cabin Height, max	5.00 ft / 1.52 m
Cabin Volume	82.0 ft <sup>3</sup> / 2.32 m <sup>3</sup>
Baggage Volume	8.00 ft <sup>3</sup> / .023 m <sup>3</sup>

### Accommodations:

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

### Weights:

Max gross	4100 lb / 1860 kg
Empty, std acft	2100 lb / 953 kg
Useful load	2000 lb / 907 kg
Useful, with full fuel	1224 lb / 555 kg
External load	3000 lb / 1361 kg
Gross with ext load	4700 lb / 2130 kg

### Range:

Max Fuel	382 nm / 708 km
Max Payload	315 nm / 584 km
Aux fuel, no reserves	382 nm / 708 km
Endurance, Std Fuel, no reserves	3.9 hrs

### Performance:

Service ceiling	13,500 ft / 4115 m
HIGE	11,100 ft / 3383 m
HIGE, ISA+20°C	7,000 ft / 2134 m
HOGE	6000 ft / 975 m
HOGE, ISA+20°C	3200 ft / 396 m
ROC, oblique	1775 fpm / 547 m/min
Econ Cruise, S/L	125 kts / 232 km/hr
VNE	135 kts / 250 km/hr