

Commonly Used Rotor Wing

Bell 206 BIII Jet Ranger III

Specifications



Speed	122 knots (226 km/hr)
Length	31 ft 2 inches
Width	4 ft 2 inches
Rotor Diameter	33 ft 3 inches
Passenger Seating	2-front 3-back
Max Gross	3200 lbs
External Load	1500 lbs
Bucket Capacity	90 gals (410 litres)
Fuel Endurance	4.5 hrs @ 50 knots (no reserve) Jet A (Fuel)

Eurocopter EC-120B

Specifications



Speed	150 knots (278 km/hr)
Length	3 ft 5 inches
Width	4 ft 9 inches
Rotor Diameter	32 ft 8 inches
Passenger Seating	2-front 3-back
Max Gross	3780 lbs
External Load	1543 lbs
Bucket Capacity	90 gals (410 litres)
Fuel Endurance	4.0 hrs (no reserve) Jet A (Fuel)

MacDonald Douglas Hughes 500 D

Specifications



Speed	152 knots (281 km/hr)
Length	23 ft 2 inches
Width	4 ft 6 inches
Rotor Diameter	26 ft 4 inches
Passenger Seating	2-front 3-back
Max Gross	3000 lbs
External Load	2000 lbs
Bucket Capacity	120 gals (410 litres)
Fuel Endurance	2.8 hrs (no reserve) Jet A (Fuel)

Robinson R44 Astro

Specifications



Speed	130 knots (241 km/hr)
Length	29 ft 8 inches
Width	4 ft 2 inches
Rotor Diameter	33 ft
Passenger Seating	2-front 2-back
Max Gross	2400 lbs
External Load	N/A
Bucket Capacity	N/A
Fuel Endurance	3.3 hrs (no reserve) Av Gas 100LL (Fuel)

Bell 206L-3 (Longranger III)

Specifications



Speed	130 knots (241 km/hr)
Length	34 ft 2 inches
Width	4 ft 3 inches
Rotor Diameter	37 ft
Passenger Seating	2-front 5-back
Max Gross	4150 lbs
External Load	2000 lbs
Bucket Capacity	120 gals (410 litres)
Fuel Endurance	3.7 hrs (no reserve) Jet A (Fuel)

Bell 407

Specifications



Speed	
Length	34 ft 7 inches
Width	3 ft 9 inches
Rotor Diameter	35 ft
Passenger Seating	2-front 5-back
Max Gross	5250 lbs
External Load	2646 lbs
Bucket Capacity	150 gals (681 litres)
Fuel Endurance	4.0 hrs (no reserve) Jet A (Fuel)

Eurocopter Astar 350BA

Specifications



Speed	155 knots (287 km/hr)
Length	35 ft 9 inches
Width	6 ft 1 inch
Rotor Diameter	35 ft
Passenger Seating	2-front 4-back
Max Gross	4630 lbs
External Load	2000 lbs
Bucket Capacity	120 gals (410 litres)
Fuel Endurance	4.5 hrs (no reserve) Jet A (Fuel)

Eurocopter Astar 350 B2

Specifications



Speed	155 knots (287 km/hr)
Length	35 ft 9 inches
Width	6 ft 1 inch
Rotor Diameter	35 ft
Passenger Seating	2-front 4-back
Max Gross	4960 lbs
External Load	2557 lbs
Bucket Capacity	150 gals (410 litres)
Fuel Endurance	4.5 hrs (no reserve) Jet A (Fuel)

Eurocopter Astar 350 B3

Specifications



Speed	155 knots (287 km/hr)
Length	35 ft 9 inches
Width	6 ft 1 inch
Rotor Diameter	35 ft
Passenger Seating	2-front 4-back
Max Gross	4960 lbs
External Load	3086 lbs
Bucket Capacity	150 gals (681 litres)
Fuel Endurance	4.5 hrs (no reserve) Jet A (Fuel)

Bell 204B

Specifications



Speed	110 knots (204 km/hr)
Length	40 ft 3 inches
Width	8 ft
Rotor Diameter	48 ft
Passenger Seating	2-front 8-back
Max Gross	8501 lbs
External Load	4800 lbs
Bucket Capacity	350 gals (1590 litres)
Fuel Endurance	2.5 hrs (no reserve) Jet A (Fuel)

Bell 205A1

Specifications



Speed	110 knots (204 km/hr)
Length	42 ft 4 inches
Width	8 ft
Rotor Diameter	48 ft
Passenger Seating	2-front 13-back
Max Gross	9500 lbs
External Load	5000 lbs
Bucket Capacity	350 gals (1590 litres)
Fuel Endurance	3.0 hrs (no reserve) Jet A (Fuel)

Bell 212

Specifications



Speed	130 knots (241 km/hr)
Length	42 ft 4 inches
Width	8 ft
Rotor Diameter	48 ft 2 inches
Passenger Seating	2-front 13-back
Max Gross	11200 lbs
External Load	5000 lbs
Bucket Capacity	350 gals (1590 litres)
Fuel Endurance	3.0 hrs (no reserve) Jet A (Fuel)