

Bell 412



The Bell 412 is the daily workhorse that reliably performs in some of the most extreme climates around the world every day. Its expansive cabin provides multi-mission flexibility

It is a versatile machine to suit daily requirements. As one of the roomiest, most flexible and cost-effective aircraft on the market.

General Standard Specifications

Crew	1 or 2 pilots
Capacity	13 passengers, stretcher capability

Length	56 ft 1 in (17.1m)
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Rotor diameter	46 ft (14.0m)
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Height	7.59 m (24 ft 11 in)
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Disc area	1,662ft ² (154.4m ³)
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Empty Weight	6,789 lb (3,079 kg)
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Max. take off weight	11,900 lb (5,397kg)
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Fuselage length	43 ft (13.1m)
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Powerplant	1 x Pratt & Whitney Canada PT6T-3D Twin-Pac turboshafts, 1,250 shp (932kW), 900shp (671 kW for each power section)
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Performance

Cruise Speed	122 kt (140mph, 226 km/h)
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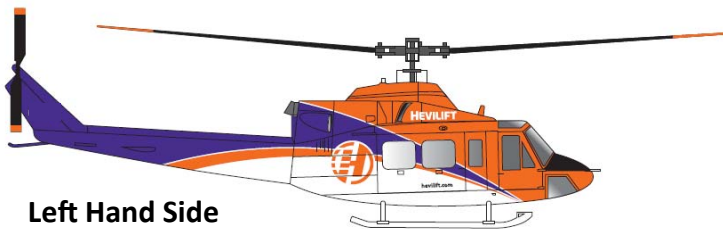
Maximum speed	140 kt (161 mph, 259km/h)
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Range	529 NM (up to 980 km)
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Service ceiling	20,000 ft (6,096m)
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Rate of climb	1,350 ft/min (6.86 m/s)
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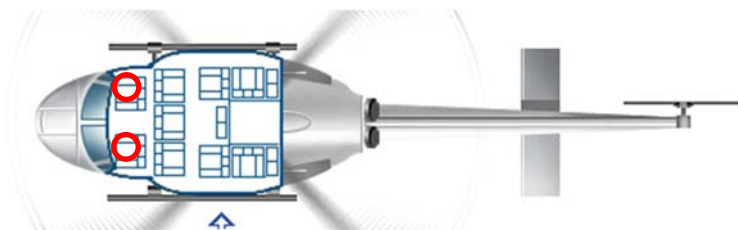
Power/ mass	0.2663 hp/lb (437 W/kg)
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Left Hand Side



Right Hand Side



Seating Configuration





BELL 212

The Bell 212 is a stretched twin-engine development of the Bell 205. The Bell 212 is powered by a Pratt & Whitney Canada PT6T-3 Twin-Pac engine. The Twin-Pac consists of two coupled PT6A-34 turbines driving a common output reduction gearbox. Engine power rating data is for both engines together. The Bell 212 was also license-built in Italy by Agusta (Agusta-Bell AB212).



General Standard Specifications

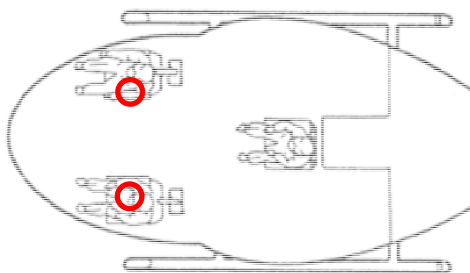
Crew	1 pilot
Capacity	14 passengers, stretcher capability
Length	17.43 m (57 ft 1 in)
Rotor Diameter	14.64 m (48 ft)
Height	3.83 m (12 ft 6 in)
Disc Area	168.3 m ² (1809 ft)
Empty Weight	2961 kg (6529 lb)
Max Take-off Weight	5080 kg (11,200 lb)
Powerplant	2 x PW PT6T-3 twin pack



Left Hand Side



Right Hand Side



Seating Configuration

Performance

Cruise	100 knots (186 km/hr)
Never Exceed Speed	120 knots (223 km/hr)
Range	237 nm (439 km)
Max speed	120 kts (223 km/hr)
Service ceiling	5305 m (17,400 ft)
Rate of climb	532 m/min (1,745 ft/min)