

R22

HELICOPTER



*Delivering high
performance and
exceptional reliability for
more than forty years.*



R22 BETA II

A proven workhorse, the two-seat R22 has been delivering high performance and exceptional reliability for more than forty years.

R22s have a two-bladed rotor system, T-bar cyclic, and a crashworthy fuel system. An aluminum monocoque and powder-coated steel tube structure provides a lightweight yet robust airframe, while the aerodynamic fuselage optimizes airspeed and fuel economy.

The R22 is powered by Lycoming's proven O-360 engine that is derated to provide reserve power and better performance at high altitudes and in hot weather.

SERVICE & TIME BETWEEN OVERHAUL (TBO)

Maintenance is simplified, requiring only oil changes between 100-hour inspections. The engine and airframe TBO is 2200 hours or 12 years whichever occurs first. Life limited components have approved service lives of at least 2200 hours.

WARRANTY

R22s come with a two-year or 1000-hour limited aircraft warranty.



SPECIFICATIONS

Engine	Lycoming O-360, four cylinder, carbureted
Horsepower	Derated to 131 hp for takeoff and 124 continuous
Maximum Gross Weight	1370 lb (622 kg)
Approximate Empty Weight (including oil & std avionics)	880 lb (399 kg)
Standard Fuel (16.9 gal)	101 lb (46 kg)
Auxiliary Fuel (9.4 gal)	56 lb (25 kg)
Pilot, Passenger, and Baggage (with standard fuel)	389 lb (176 kg)
Maximum Airspeed (Vne)	102 kts (189 km/h)
Cruise Speed	up to 96 kts (178 km/h)
Maximum Range (no reserve)	approx 250 nm (460 km)
Hover Ceiling IGE at 1370 lb	9400 ft
Hover Ceiling OGE at 1300 lb	8000 ft
Maximum Operating Altitude	14,000 ft
Electrical System	14 volt

ROBINSON HELICOPTER COMPANY

At its state-of-the-art facility, located in Torrance, California, Robinson manufactures, assembles, inspects, and flight tests all of its helicopters. To ensure the highest quality and to maximize efficiency, the company employs a highly skilled workforce and manufactures a large percentage of parts in-house. To date, Robinson Helicopter Company, along with its dealer network, has delivered over 13,000 aircraft.



WORLDWIDE SUPPORT

Robinson's worldwide network of Dealers and Service Centers with factory-trained technicians support an ever expanding fleet of Robinson aircraft operating in a multitude of environments.

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