

R22 BETA II



The two-seat R22 helicopter is a proven workhorse that has delivered exceptional performance in a variety of applications for over forty years. The R22 has a two-bladed rotor system which requires minimal hangar space, a T-bar cyclic for easy entry and exit, and a crashworthy fuel system.

An aluminum monocoque and powder-coated steel tube structure provides a light weight 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.

OPTIONS

- Leather Seats in Tan, Charcoal or Gray
- Impact Resistant Windshield
- Cabin Heater and Defogger
- Aspen Flight Displays
- Garmin and Avidyne Touchscreen Navigators
- Garmin GMA 350Hc Audio Panel
- Bose A20 Headsets with Bluetooth



Shown with optional artificial horizon, Avidyne IFD440, Garmin GTX 345 transponder, and right side accessory bar. (iPad not included)



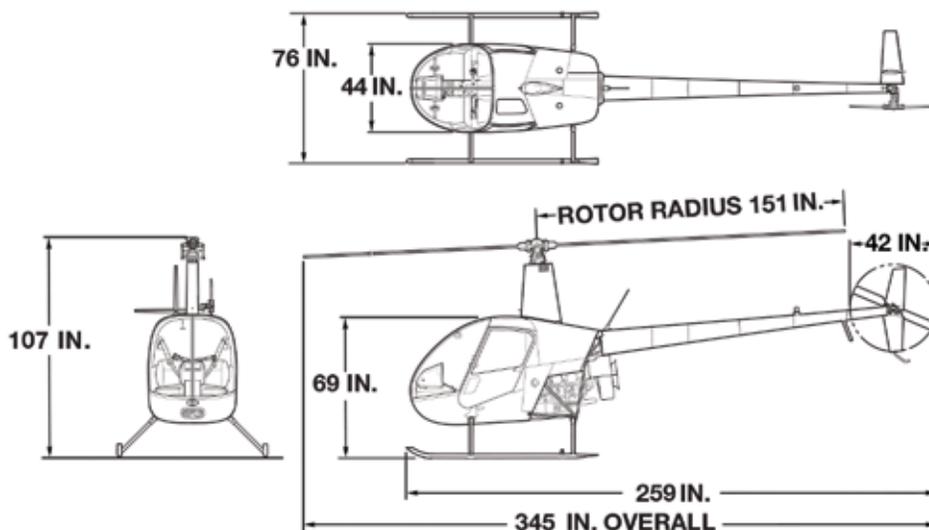
Shown with optional IVSI, Garmin GI-106B indicator, digital chronometer, Garmin GMA 350Hc audio controller, Garmin GTN 650 in pilot-side-console, Garmin GTX 345 transponder, and left side accessory bar.

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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)
Max 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

DIMENSIONS



STANDARD AVIONICS

- Six-hole instrument panel
- Garmin GTR 225B COM radio
- Garmin GTX 335 transponder with ADS-B Out

STANDARD INSTRUMENTS

- Airspeed indicator
- Altimeter
- Rotor/engine dual tachometer
- Manifold pressure gage
- Vertical speed indicator
- Magnetic compass
- Cylinder head temperature gage
- Oil temperature and pressure gages
- Fuel gages
- Ammeter
- Carburetor temperature gage
- Digital OAT gage/voltmeter
- Hourmeter
- Quartz clock

STANDARD EQUIPMENT

- RPM governor
- Throttle correlator
- Carburetor heat assist
- Engine overspeed protection during starting
- Crashworthy fuel system with bladder tanks
- Engine oil filter and quick drain
- Rotor brake
- Intercom switches
- Avionics master switch
- Tinted windows
- Fabric velour seats
- Three-point shoulder harnesses
- Sound damping headliner
- Underseat storage compartments
- Belly hardpoint
- LED anti-collision and navigation lights
- Dual landing lights
- LED panel and map lights
- Tow cart adapter
- Ground handling wheels
- Rotor blade tie downs
- Windshield cover
- Travel bag

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