

R22 BETA II

The two-seat R22 Beta II features a two-bladed rotor system and Robinson's signature T-bar cyclic. Powered by Lycoming's proven O-360 engine, the R22 delivers unmatched reliability and outstanding performance.

A powder-coated steel tube structure provides a light, yet rigid airframe while the aircraft's aerodynamic fuselage optimizes airspeed and fuel economy. Exceptional maneuverability and responsive handling combined with lower acquisition and operating costs make the R22 ideal for a variety of applications.

The R22 has the latest in Robinson technology, including a streamlined instrument panel and a new bladder fuel system.



AVIONICS

STANDARD

- Six-hole instrument panel
- GTR 225B COM radio
- GTX 327 transponder

OPTIONAL

- Aspen Avionics Evolution Primary Flight Display System
- Garmin GTN 600 series touch screen navigators
- GMA 350H audio panel
- GTX 330ES (extended squitter) transponder with ADS-B Out
- GTN Series Navigators are installed in Robinson's pilot-side console, minimizing head-down time.



R22 INSTRUMENT CONFIGURATION

Six-hole instrument panel with legacy mechanical instruments. Pilot-side console houses Garmin GTN 625 GPS.

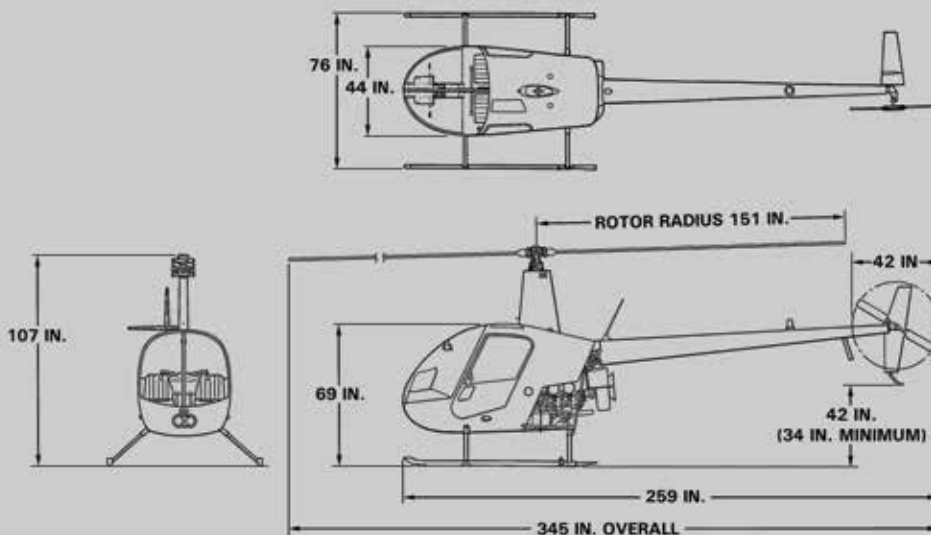


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SPECIFICATIONS

Engine Type	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)
Passengers and Baggage with Standard Fuel	389 lb (176 kg)
Max Airspeed (Vne)	102 kts (117 mph)
Cruise Speed	up to 96 kts (110 mph)
Maximum Range with Auxiliary Fuel	approx 228 nm (262 sm)
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 INSTRUMENTS

- Airspeed indicator
- Altimeter (in-Hg)
- Rotor/engine dual tachometer
- Manifold pressure gage
- Vertical speed indicator
- Magnetic compass
- Cylinder head temperature gage
- Oil temperature & pressure gages
- Fuel quantity gages
- Ammeter
- Carburetor temperature gage
- Digital clock
- Digital OAT gage/voltmeter
- Hourmeter

WARNING/CAUTION LIGHTS

- Alt low voltage
- Low fuel
- Low oil pressure
- Low rotor RPM (light and horn)
- Main gearbox temperature
- Main gearbox chip
- Tail gearbox chip
- Rotor brake engaged
- Starter engaged
- Clutch actuator
- Governor off
- Full throttle

STANDARD EQUIPMENT

- LED anti-collision & navigation lights
- Dual landing lights
- Panel and map lights
- Auxiliary fuel system
- Door locks
- Floor and hand intercom switches
- Tinted windscreen and windows
- Belly hardpoint
- Tow cart adapter
- Oil filter and engine oil quick drain
- Ground handling wheels
- Rotor blade tie downs
- Windshield cover
- Robinson travel bag

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