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
**R22 BETA II**

**SPECIFICATIONS**

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

**DIMENSIONS**

- 76 IN. 44 IN. 107 IN. 69 IN. 259 IN. 345 IN. OVERALL
- Rotor Radius 151 IN.

**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

---

**ROBINSON HELICOPTER COMPANY**

2901 Airport Drive • Torrance, CA • 90505 • USA
Phone: 310-539-0508 • Fax: 310-539-5198
www.robinsonheli.com

© Robinson Helicopter Company. Robinson and R22 are registered trademarks of Robinson Helicopter Company. Jan. 2020