

R44 RAVEN II & CLIPPER II



Four-seat R44 Raven II and Clipper II helicopters are high performing, reliable and easy to maintain. R44s have a two-bladed rotor system, T-bar cyclic and the latest in Robinson technology including streamlined instrument panels and crashworthy fuel bladders.

The R44's aerodynamic fuselage optimizes airspeed and fuel economy. Hydraulic controls eliminate feedback forces and provide responsive handling. A low tail-rotor tip speed, newly designed muffler and large cambered tail reduce flyover noise.

Raven II and Clipper II helicopters are powered by Lycoming's IO-540 fuel injected engine. The IO-540 delivers better altitude performance, increased payload and eliminates the need for carburetor heat.

OPTIONS

- Air Conditioning
- Leather Seats in Tan, Charcoal or Gray
- Garmin and Aspen Primary and Multi-function Flight Displays
- Garmin GTN 600/700 Series Touchscreen Navigators
- Genesys HeliSAS Autopilot
- Garmin ADS-B Compliant Transponders
- Garmin GMA 350Hc Audio Panel
- Bose A20 Headsets with Bluetooth



Panel shown with optional Garmin GDU 700L TXi Display System, Garmin GTN 650, Genesys HeliSAS Autopilot, GMA 350Hc audio controller, GTX 345 transponder, and right accessory bar.



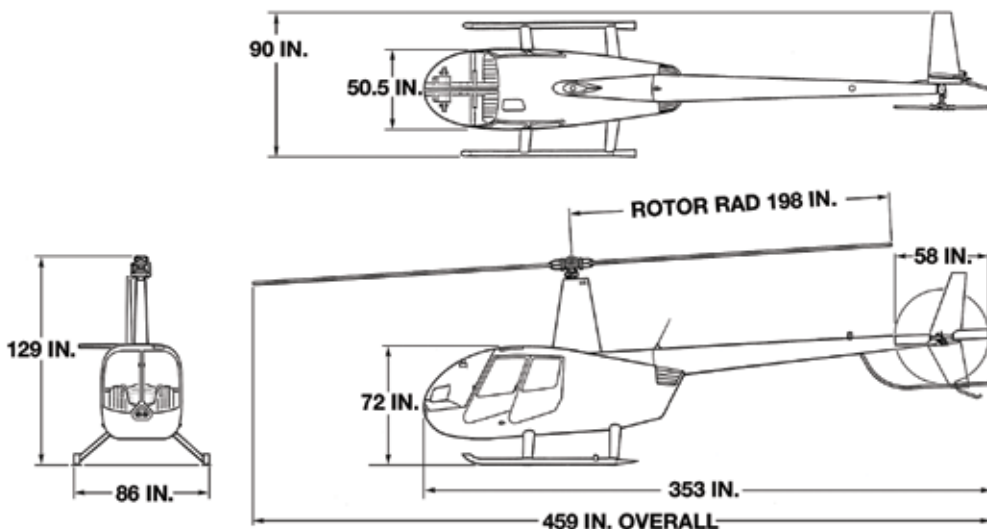
Standard Panel shown with optional artificial horizon, GMA 350H, dual GTR 225 COMs

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SPECIFICATIONS

Helicopter	Raven II	Clipper II with pop-out floats
Engine	Lycoming IO-540, six cylinder, fuel injected	Lycoming IO-540, six cylinder, fuel injected
Horsepower	Derated to 245 for takeoff and 205 continuous	Derated to 245 for takeoff and 205 continuous
Maximum Gross Weight	2500 lb (1134 kg)	2500 lb (1134 kg)
Approximate Empty Weight (incl. oil & standard avionics)	1505 lb (683 kg)	1570 lb (712 kg)
Standard Fuel (29.5 gal)	177 lb (80 kg)	177 lb (80 kg)
Auxiliary Fuel (17.0 gal)	102 lb (46 kg)	102 lb (46 kg)
Pilot, Passengers, and Baggage (with standard fuel)	818 lb (371 kg)	753 lb (342 kg)
Cruise Speed at Maximum Gross Weight	up to 109 kts (202 km/h)	up to 106 kts (196 km/h)
Maximum Range (no reserve)	approx 300 nm (550 km)	approx 300 nm (550 km)
Hover Ceiling IGE	8950 ft @ 2500 lb	8950 ft @ 2500 lb
Hover Ceiling OGE	7500 ft @ 2300 lb	7500 ft @ 2300 lb
Rate of Climb	over 1000 fpm	over 1000 fpm
Maximum Operating Altitude	14,000 ft	14,000 ft
Electrical System	28 volt	28 volt

DIMENSIONS



STANDARD AVIONICS

- Eight-hole instrument panel
- GTR 225B COM radio
- GTX 327 Mode C transponder

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
- Digital OAT gage/voltmeter
- Hourmeter
- Quartz clock

STANDARD EQUIPMENT

- Hydraulic power controls
- RPM throttle governor
- Throttle correlator
- Main and auxiliary crashworthy fuel bladder tanks
- Engine oil filter and quick drain
- Engine muffler
- Cabin heater and defogger
- Carbon monoxide detector
- Rotor brake
- Intercom switches
- Avionics master switch
- Tinted windows
- Fabric velour seats
- 3-point shoulder harnesses
- Pilot-side adjustable pedals
- Door locks
- Sound damping headliner
- Underseat storage
- Belly hardpoint
- LED anti-collision and navigation lights
- Dual HID 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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