

# 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, 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 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

- Leather Seats in Tan, Charcoal or Gray
- Air Conditioning
- Garmin and Aspen Flight Displays
- Garmin and Avidyne Touchscreen Navigators
- Genesys HeliSAS Autopilot
- Bose A20 Headsets with Bluetooth



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



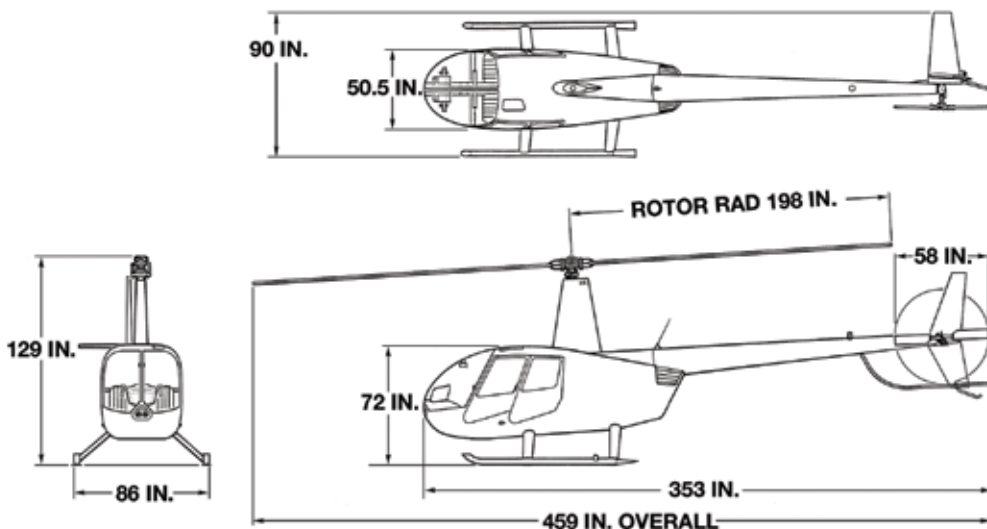
Standard Panel shown with optional artificial horizon and dual GTR 225 COMs

# R44 RAVEN II & CLIPPER II

## 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
- Garmin GMA 350Hc audio panel
- Garmin GTR 225B COM radio
- Garmin GTX 335 with ADS-B Out 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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