



# R44 RAVEN I & II

**Committed. Experienced. Passionate.**



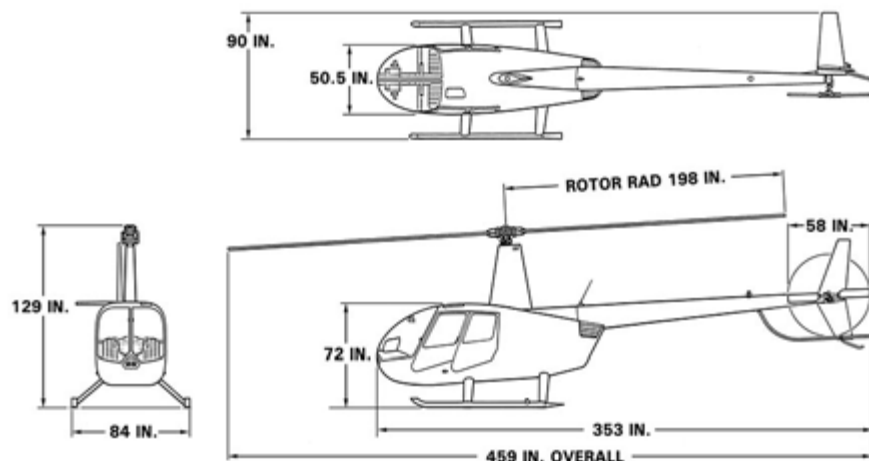
# ROBINSON R44 RAVEN

The Robinson R44 Raven series provides excellent reliability, responsive handling, and altitude performance, making the R44 ideal for private, business, and utility applications.

A powder-coated steel-tube structure gives the R44 a rigid yet lightweight airframe, while the aerodynamic fuselage optimizes air speed and fuel economy. The R44 comfortably seats four adults, and passenger views are unobstructed due to the R44's open cabin design. A low tail-rotor tip speed, heavy-duty muffler, and large cambered tail decrease flyover noise, resulting in a community friendly helicopter.

## R44 RAVEN Specifications

	Raven I	Raven II
Engine	Lycoming O-540, six cylinder, carbureted	Lycoming IO-540, six cylinder, fuel injected
Horsepower	Derated to 225 for takeoff and 205 continuous	Derated to 245 for takeoff and 205 continuous
Maximum Gross Weight	2400 lb (1089 kg)	2500 lb (1134 kg)
Approximate Empty Weight (including oil & std avionics)	1437 lb (652 kg)	1495 lb (678 kg)
Standard Fuel (29.5 gal)	177 lb (80 kg)	177 lb (80 kg)
Auxiliary Fuel (17 gal)	102 lb (46 kg)	102 lb (46 kg)
Pilot, Passenger and Baggage (with standard fuel)	786 lb (357 kg)	828 lb (376 kg)
Cruise Speed*	up to 113 kts (130 mph)	up to 116 kts (135 mph)
Maximum Range (no reserve)*	approx 300 nm (350 sm)	approx 300 nm (350 sm)
Hover Ceiling IGE @ Gross Weight	6400 ft	8950 ft
Hover Ceiling OGE @ 2300 lb	4000 ft	7500 ft
Rate of Climb	over 1000 fpm	over 1000 fpm
Maximum Operating Altitude	14,000 ft	14,000 ft
Electrical System	28 volt	28 volt



## 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 (Raven I)
- Quartz 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
- Engine fire
- Rotor brake engaged
- Starter engaged
- Clutch actuator
- Governor off

## STANDARD EQUIPMENT

- LED anti-collision & navigation lights
- Dual landing lights
- Panel and map lights
- Auxiliary fuel system
- Cabin heater and defogger
- Carbon monoxide detector
- 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

## 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

## STARLITE AERO SALES

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