

R44 Raven II

IFR Trainer

The R44 Raven is offered in two models:

The R44 Raven I offers turbine performance at an affordable piston price with high reliability, fuel economy, endurance, and comfortable hydraulic controls. This model is also available with fixed-utility floats as a Clipper I.

The high-performance R44 Raven II is designed for more payload, higher altitudes, and faster speeds with all the luxuries of the Raven I. The latest in the R44 line, this aircraft is also available as a Clipper II, Police Helicopter, and Newscopter.

R44 Raven II

Specifications & Dimensions



Weights

Gross Weight	2,500 lb
Empty Weight Equipped (incl oil & avionics)	1,506 lb
Standard Fuel (30.6 gal)	184 lb
Auxiliary Fuel (18.3 gal)	110 lb
Passengers and Baggage w/standard fuel	810 lb
Passengers and Baggage w/auxiliary fuel	700 lb

Performance

Cruise Speed	up to 135 mph (117 kts)
Maximum Range (no reserve)	approx 400 miles (348 nm)
Hover Ceiling IGE @ 2500 lb	8,950 feet
Hover Ceiling OGE @ 2300 lb	7,500 feet
Hover Ceiling OGE @ 2500 lb	4,500 feet
Rate-of-Climb @ 2500 lb & 6000 feet	over 1,000 fpm
Maximum Operating Altitude	14,000 feet

For those who expect excellence and appreciate value, at last there's the R44 Raven. Quite simply, the Raven delivers the performance of an expensive turbine helicopter at an affordable piston price. Its sleek design, impressive speed, and unparalleled reliability give it the competitive edge in today's fast-paced, changing environment.

The R44 IFR Trainer is specifically designed for instrument flight training. Its enlarged 10-hole instrument panel accommodates all the avionics and instruments necessary to qualify and train VFR pilots for an instrument flight rating.

The R44's low operating cost allows students to complete their instrument training at only a fraction of the cost associated with larger, more expensive instrument-equipped helicopters, but with the same high-quality equipment.

Recommended avionics/instruments for the R44 IFR Trainer include an Artificial Horizon, Turn Coordinator, Horizontal Situation Indicator (HSI), Combined color GPS/COM/VOR/LOC/GS, Transponder, Marker Beacon, and Digital Clock. An optional DME or ADF is also available.

Although the R44 IFR Trainer was designed for instrument flight training, it is not approved for actual IFR operations. While student pilots are flying on instruments, the instructor must act as the safety pilot and operate only under VFR conditions.

