

# NEW R44 RAVEN II



ROBINSON HELICOPTER COMPANY



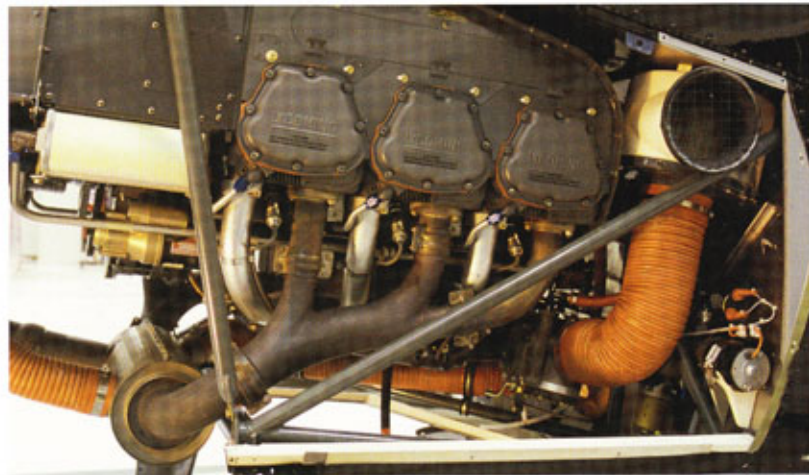
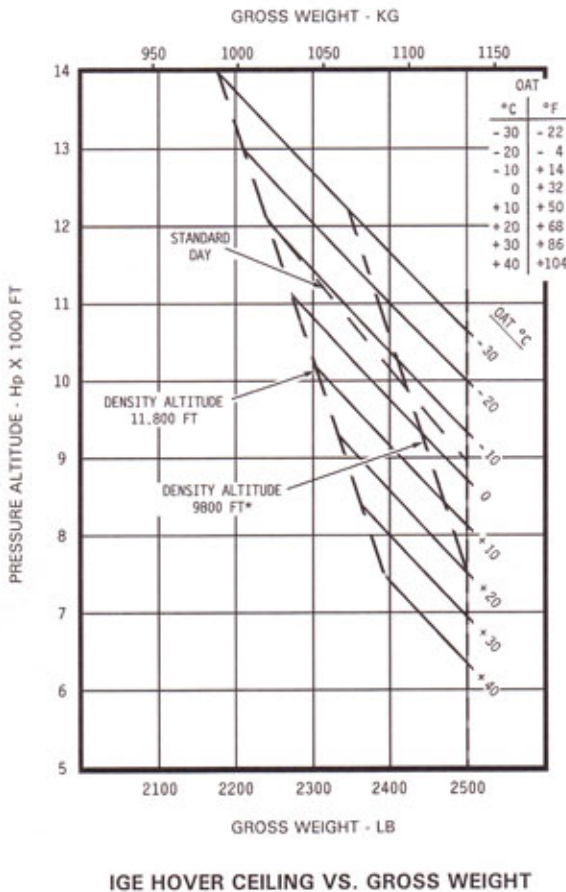
# NEW R44 RAVEN II



Introducing the R44 Raven II, the latest derivative of the very successful and proven R44 helicopter line. The Raven II is equipped with a fuel-injected, angle-valve, tuned-induction, IO-540 Lycoming engine which produces substantially more power and gives the Raven II greater altitude performance, more payload, and increased speed. Fuel injection eliminates the need for carburetor heat. The Raven II configuration is also available as an IFR Trainer, Newscopter, Police Helicopter, and Clipper II.

## Other Raven II Features:

- Main rotor blades have greater effective lifting area which reduces vibration.
- Main and tail blades have new aerodynamic tip caps which reduce the 500-foot flyover noise level by nearly one decibel, despite the higher gross weight.
- A standard 28-volt electrical system ensures good starting performance in hot or cold weather and provides additional electrical power for optional equipment.



# RAVEN II SPECIFICATIONS

## 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 @ 2,500 lb . . . . . 135 mph (117 kts)  
 Max Range @ 105 kts (no reserve) . . approx 400 miles (348 nm)  
 Hover Ceiling IGE @ 2,500 lb . . . . . 8,950 feet  
 Hover Ceiling OGE @ 2,300 lb . . . . . 7,500 feet  
 Hover Ceiling OGE @ 2,500 lb . . . . . 4,500 feet  
 Max Rate-of-Climb @ 2,500 lb & 6,000 feet . . . . over 1,000 fpm  
 Maximum Operating Altitude . . . . . 14,000 feet