

R44 RAVEN II POLICE HELICOPTER

The **ROBINSON R44 RAVEN II POLICE HELICOPTER** combines proven R44 performance and reliability with state-of-the-art law enforcement technology. Lower acquisition costs, lower operating costs and a simplified maintenance schedule make the R44 ideal for large and small police departments.

The three-place R44 Police Helicopter features an aerodynamic fuselage that optimizes airspeed and fuel economy enabling the helicopter to remain on station for up to two and one-half hours. An open cabin design provides unobstructed views allowing for better tactical support, and a low tail-rotor tip speed, heavy duty muffler, and large cambered tail decrease flyover noise. The R44 Police Helicopter is turn-key ready, equipped with FAA-approved technologies that include an infrared imaging system, a fold-down monitor, a powerful search-light, and a dual-audio controller.

Down time is significantly reduced with a simplified maintenance schedule that requires only oil changes between 100-hour inspections.

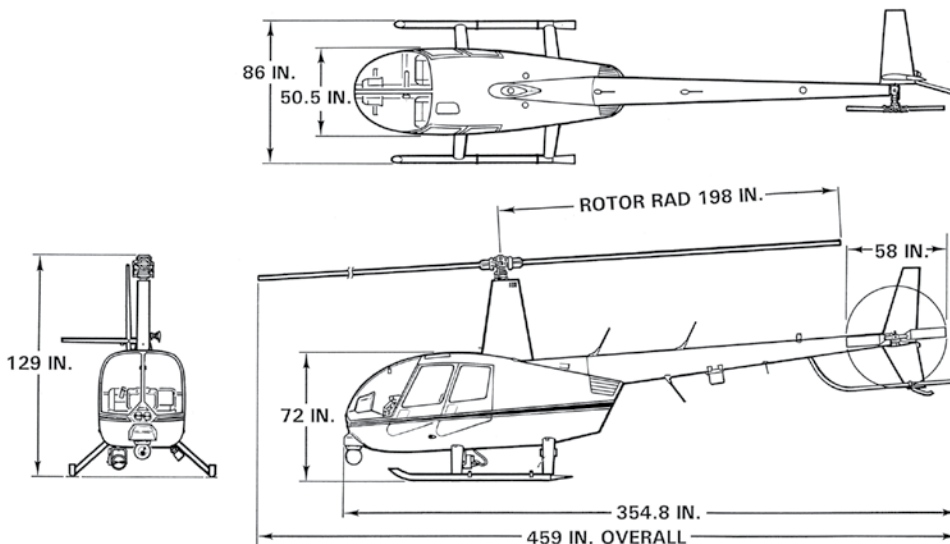


R44 POLICE

SPECIFICATIONS

Engine	Lycoming IO-540 fuel injected
Cylinders	6
Maximum Gross Weight	2500 lb (1134 kg)
Approximate Empty Weight (including oil, avionics and standard police package)	1638 lb (743 kg)
Standard Fuel (29.5)	177 lb (80 kg)
Auxiliary Fuel (17.0)	102 lb (46 kg)
Passengers and Cargo with Full Fuel	583 lb (264 kg)
Cruise Speed	up to 115 kts (130 mph)
Maximum Range (no reserve)	approximately 300 nm (350 sm)
Hover Ceiling IGE @ Gross Weight	8950 ft
Hover Ceiling OGE @ 2300 lb	7500 ft
Rate of Climb	over 1000 fpm
Maximum Operating Altitude	14,000 ft
Electrical System	28 volt

DIMENSIONS



FLIR THERMAL IMAGING SYSTEM

FLIR Systems' Ultra 8000 Thermal Imaging Camera is a multi-sensor, compact, light-weight turret with excellent infrared sensitivity. The Ultra 8000 incorporates an infrared sensor with 10x optical zoom, and a daylight sensor with 18x optical zoom. The gimbal rotates 360 degrees and its stabilization technology enables crisp, detailed images. Optional auto tracker and extended range camera versions are available.

POWERFUL SEARCHLIGHT

A 500-watt xenon lamp emits a 15-20 million candlepower high-intensity, focusable beam. The light can be directed by either the hand controller or, as an option, by slaving it to the nose-mounted gimbal. The searchlight is positioned below the right rear seat to allow left-banked turns without the light beam being obstructed by the skid.

OPTIONAL EQUIPMENT

A variety of optional equipment is available including: 5-point shoulder harness system (front seats), P/A speaker and siren, Lojack provisions, moving map systems, and a selection of UHF, VHF, and 800 MHz police radios.

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