

# R66<sup>®</sup> *TURBINE* POLICE HELICOPTER



ROBINSON HELICOPTER COMPANY

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## EQUIPMENT

**FACTORY-INSTALLED NOSE GIMBAL** FLIR Systems' Ultra 8000 Thermal Imaging Camera is the most compact, lightweight turret available. The gimbal rotates 360 degrees, and its stabilization technology enables crisp, detailed images.

**HAND CONTROLLER** The Ultra 8000 comes with an ergonomic hand control unit that has large knobs and backlighting for easy operation.

**OPTICAL PERFORMANCE** The camera's continuous zoom can be adjusted on the fly or through three programmable settings. An 18x optical and digital zoom along with advanced low-light capture improves image quality.

**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.

**FOLD-DOWN MONITOR** A 10-inch, sunlight-visible color LCD screen easily switches between the FLIR camera and the optional Moving Map, and can be lowered when the system is not used. The monitor mount accommodates various single- and multi-band FM police radios.

**EASE OF OPERATION** Equipment is positioned for easy access and viewing, day or night. User-installable left-side pedals and collective control allow a pilot-rated observer to fly the aircraft with the center cyclic control.

**OPTIONAL EQUIPMENT** A variety of optional equipment is available including: Five-point shoulder harness system (front seats), P/A speaker and siren (100 watt); Microwave downlink capability; LoJack; Moving Map, and a selection of UHF, VHF, and 800 MHz police radios.



## STANDARD INSTRUMENTS

- Airspeed indicator
- Altimeter
- Digital OAT gage/voltmeter
- Hour meter
- Magnetic compass
- Oil temperature & pressure gages
- Quartz clock
- Rotor/engine dual tachometer
- Vertical speed indicator
- N1 Tachometer
- Torque Meter
- Turbine Gas Temperature Indicator
- Ammeter
- Fuel quantity gage

## ANNUNCIATOR LIGHT PANEL

- Engine fire
- Low fuel
- Low oil pressure
- Low rotor RPM
- Main gearbox temperature/Pressure
- Main gearbox chip
- Tail rotor gearbox chip
- Engine chip
- Anti ice
- Generator
- Fuel filter
- Cowl Door
- Air filter
- EMU
- Rotor brake

## STANDARD EQUIPMENT

- Leather seats
- HID landing lights
- LED Anti-collision & navigation lights
- Belly hard point
- Cabin heater and defogger
- Door locks
- Floor and hand intercom switches
- Panel and map lights
- Integrated oil filter w/bypass indicator
- Engine air filter w/bypass indicator
- 160 Amp starter generator
- Engine monitoring unit
- Engine compressor rinse nozzle
- Pilot-side adjustable pedals
- Rotor blade tie downs
- Tow cart adapter
- Windshield cover
- Robinson travel bag

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