GUARDIAN EAGLE HELICOPTER IN FLIGHT INTEGRATED WITH GEM 2 ELECTROMAGNETIC SENSOR FOR UNDERGROUND DETECTION

GUARDIAN EAGLE HELICOPTER SPECIFICATIONS:

- Rotor Diameter: up to 7'
- Speed: 50 kts
- Weight: 34 lbs including sensors
- Sensors: Electromagnetic, Imaging, CBRN
- Propulsion: DC brushless motor (little EMI)
- Datalink Range: 3 miles depending on operational environment
- Construction: High performance carbon fiber composites and aircraft aluminum and fiberglass
- Datalink: Communication: GPS, encrypted Spread Spectrum, COFDM radio
- Batteries: EaglePicher 40V 10 Ah
- Navigation: Radio controlled or auto-piloted with object imaging or waypoint GPS with INS redundancy and orientation.