

**IOWA**



# Operator Performance Lab

# Bell TH-57B Sea Ranger

# Light Utility Helicopter

## Low-cost Rotocraft Sensor Testbed



### LET OPL SERVE YOUR FLIGHT TEST NEEDS

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Technology  
Institute

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# FULL SERVICE FLIGHT TESTING

The TH-57 is ready for instrumentation for low-cost rotocraft sensor testbed needs. The TH-57 Sea Ranger is a derivative of the commercial Bell Jet Ranger 206. Although primarily used for training, these aircraft are also used for photo, chase and utility missions.

## AIRCRAFT SPECIFICATIONS

- Propulsion: One Allison 250-C20BJ turboprop engine
- Length: Fuselage - 31 feet (9.44 meters); Rotors turning - 39 feet (11.9 meters)
- Height: 10 feet (3.04 meters)
- Rotor Diameter: 35 feet 4 inches (10.78 meters)
- Weight: 1595 pounds (725kg) empty, 3200 pounds (1455 kg) maximum take off
- Airspeed: 138 miles (222 km) per hour maximum; 117 miles (188 km) per hour cruising
- Ceiling: 18,900 feet (5,761 meters)
- Range: 368 nautical miles (420 statute miles, 676 km)
- Crew: One pilot, four additional
- Parker Freon Air Conditioning

## AVIONICS PACKAGE

- Garmin GTN 650Xi GPS/NAV/COMM/MFD
- UHF COMM
- Bendix King KI 525A Pictorial Navigation Indicator
- Bendix King KNI-582 Dual Pointer RMI
- Bendix/King – KNI 416 Radar Altimeter Indicator
- KRA-405 Radar Altimeter System

