

UH-60M BLACK HAWK Black Hawk Avionics Trainer (BHAT-M)

Kratos continues to support the U.S. Army's versatile workhorse utility helicopter, the UH-60 BLACK HAWK with delivery of the UH-60M Black Hawk Avionics Trainer.

The BHAT-M was installed by Kratos at the U.S. Army Aviation and Logistics School at Fort Eustis, VA. This full sized trainer provides an environment for training and evaluating utility helicopter service personnel in fault isolation and maintenance of the UH-60M avionics and associated subsystems. The effort to design, develop, integrate, test, deliver and install this trainer enabled Kratos to continue to demonstrate its commitment to excellence while utilizing its extensive, in-depth knowledge of this aircraft.



The UH-60M consists of both a Student Station and an Instructor Operator's Station. The student station consists of a high fidelity, full size cockpit, cabin area and transition section, all mounted on a wheeled platform for easy mobility. The UH-60M glass cockpit is equipped with simulated instruments, pilot and copilot seats and controls, center console and overhead panels. The cabin area is full size with open sides to accommodate other students and observers.

Trainer unique computing equipment is housed in the fuel cell mock-up. The transition section contains simulated avionics and subsystems, which are accessed through the right side hatch. The transition sidewall is constructed out of expanded metal for improved ventilation and to enable instructor observation. The Instructors Station consists of a podium style station containing the computer equipment, keyboard and monitors necessary for the instructor to conduct the training.



The BHAT-M supports all the critical tasks necessary to train MOS (Military Occupational Specialty) 15N10/30 Avionics Mechanics. Typical 15N training tasks include trouble shooting, isolation of faults and restoration of functionality.

- **Flight Management System**
- **Flight/Mission Display System**
- **Flight Director Set**
- **Electronic Standby Instrument System**
- **Avionics Relay Panel**
- **Data Transfer System**
- **Improved Data Modem**
- **AN/APX-118 Transponder System**
- **Embedded GPS / INS (EGI) Set H-764GU**
- **Stormscope Set WX-500**
- **Civil Navigation Set AN/ARN-147 (VOR/ILS/MB)**
- **Radio Direction Finding AN/ARN-149 (LF/ADF) System**
- **Improved Heads Up Display AN/AVS-7 AVUM Level**
- **Radio Set AN/ARC-231 System**
- **Airborne Radio System (SINCGARS) AN/ARC-201**
- **Radar Altimeter System AN/APN-209**
- **Signal Detector System AN/APR-39**
- **Laser Detecting Set AN/AVR-2**
- **Air Data System**
- **Digital Inter Communications System**
- **Blue Force Tracking System**
- **Radio Retransmission**
- **Ethernet Switching Hub**
- **TACAN**

About Kratos Training Solutions

Kratos Training Solutions specializes in assuring the readiness, reliability and operational effectiveness of Warfighter systems by supplying lifecycle Training Solutions to its defense, government and commercial customers.



SS-KTS055

KRATOS
FROM STRENGTH TO SUCCESS

8601 Transport Drive
Orlando, FL 32832

Phone: 407.678.3388
Fax: 407.678.8008

Email: Training@KratosDefense.com
www.KratosDefense.com