



UH-60M BHET-M

BLACK HAWK ELECTRICAL TRAINER



UH-60M Black Hawk Electrical Trainer

DEI Services Corporation 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 Electrical Trainer (BHET-M). The BHET-M will be installed by DEI at the U.S. Army Aviation and Logistics School at Fort Eustis, VA in January 2009. This full sized trainer provides an environment for training and evaluating utility helicopter service personnel in system familiarization, component identification, servicing, Maintenance Operational Checks (MOCs), Fault Isolation Procedures (FIPs), and various Remove/Install (R/I) operations of the UH-60M electrical systems. The effort to design, develop, integrate, test, deliver and install this trainer enabled DEI to continue to demonstrate its commitment to excellence while utilizing its extensive, in-depth knowledge of this aircraft.

The BHET-M consists of a student station, hydraulic and electrical power cart, and Instructor Operator's Station. The student station consists of a high fidelity, full scale fuselage, including landing gear and rotor system. The trainer replicates the UH-60M glass cockpit and is equipped with simulated instruments, pilot and copilot seats and controls, center console and overhead panels. The total aircraft fuselage provides an aircraft-representative electrical and mechanical student training environment. The trainer unique hydraulic and electrical power cart is a replication of a standard auxiliary ground power unit and provides electrical and hydraulic power to the student station. The Instructor's Station consists of a podium style station containing the computer equipment, keyboard and monitors necessary for the instructor to control training scenarios and conduct student training.



Concept Design



UH-60M Glass Cockpit

(UH-60M BHET-M continue...)



Simulation-Training

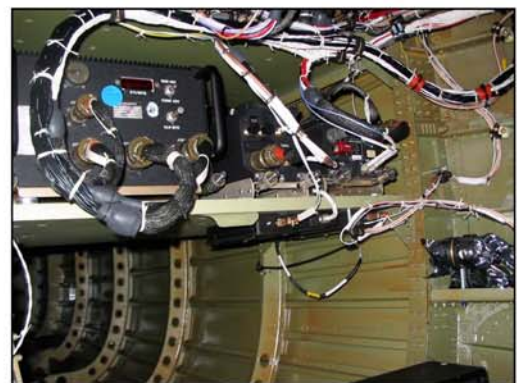
Systems Integration (SI) Division

(UH-60M BHET-M continued...)

The BHET-M supports critical training tasks necessary for Electrical and Avionics Maintenance Personnel to perform troubleshooting, fault isolation and restoration of functionality.

- Flight Management System
- Flight/Mission Display System
- Flight Director Set
- Electronic Standby Instrument System
- Avionics Relay Panel
- Radio Set AN/ARC-220 HF System
- Improved Data Modem
- 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-164 UHF
- Radio Set AN/ARC-186 VHF/AM-FM
- Airborne Radio System (SINGARS) AN/ARC-201
- Radar Altimeter System AN/APN-209
- Blue Force Tracker
- Signal Detector System AN/APR-39
- Laser Detecting Set AN/AVR-2
- Air Data System
- Digital Inter Communications System
- Engine Instrument and Crew Alert System (EICAS)
- Digital Automatic Flight Control System (DAFCS)
- Integrated Vehicle Health Management System (IVHMS)
- Anti-Vibration System
- AC Electrical System
- System Circuit Breakers
- Aircraft Lighting

At DEI, we are proud to include this device in our growing family of BLACK HAWK products and services.



7213 Sandscove Court
Suite One
Winter Park, FL 32792
Phone: (407) 678-3388
Fax: (407) 678-8008
Email: info@deicorp.net
www.deicorp.net

For more information on how our UH-60 BLACK HAWK expertise can enhance your preparedness, please contact us.