UH-60L BLACK HAWK
Remove & Replace Trainer (BHRRT)

BHRRT replaced the CAT-B airframe which was previously used for remove and replace training. It is designed to be a functional tool that provides, future Black Hawk maintenance personnel, with transition and readiness training required to maintain this aircraft.

A selection of required skills and knowledge areas include, but are not limited to:

- Overall familiarity with aircraft component location
- Maintenance practices and procedures
- Use of common tools
- Use of Peculiar Ground Support Equipment (PGSE).
With this base set of skills, maintenance personnel will be required to perform a defined list of 39 individual maintenance tasks:

- Perform PMD, PMS / 40 Hour & 120 Hour Inspections
- Obtain Oil Samples
- Replace Stabilator Attachment Fittings (UH-60)
- Replace Landing Gear Brake Pads (HU-60)
- Service Main Landing Gear Shock Strut (UH-60)
- Replace Main Landing gear Tire (HU-60)
- Bleed Landing Gear Brakes (UH-60)
- Replace Auxiliary Power Unit (APU) (UH-60)
- Replace Engine (UH-60L, 710C)
- Replace Auxiliary Power Unit (APU) / Accumulator (UH-60)
- Replace Tail Rotor Assembly (UH-60)
- Replace Bifilar & Main Rotor Head Shaft Ext (UH-60)
- Replace Main Rotor Damper (UH-60)
- Replace Main Rotor Head (UH-60)
- Replace Main Rotor Pitch Control Rod (UH-60)
- Replace Swash Plate (UH-60)
- Replace Rotating Scissors Assembly (UH-60)
- Replace Main Rotor Blade (UH-60)
- Replace Input Module (UH-60)
- Replace Tail Rotor Gear Box (UH-60)
- Replace Section III Tail Rotor Drive shaft (UH-60)
- Replace Hydraulic Pump Module (UH-60)
- Replace Flight Control Cables, Pulleys, & Rods (UH-60)
- Replace Engine Fire Extinguisher Containers (UH-60)
- Replace Cargo Hook / Squib (UH-60)
- Replace Horizontal Stores Support System / Attaching Comp.
- Replace Main Engine Prime Fuel Shutoff Valve (UH-60)
- Replace Prime Boost Pump (UH-60)
- Replace #1, #2 Generators (UH-60)
- Replace External Power Monitor Panel (UH-60)
- Replace Position Lights / Anti-Collision Lights (UH-60)
- Replace Pilot Assist Servo & Input Control Rod (UH-60)
- Replace Pilot Assist Module (UH-60)
- Replace Windshield Wiper System (UH-60)
- Replace Heater Blower (UH-60)
- Ground Handles Aircraft (AVN)
- Use Publications
- Use Ground Support Equipment

During the assembly of the trainer, Kratos will utilize supplied Aircraft Equipment, molded components and Kratos designed components. Within this combination of actual and simulated hardware, Kratos achieved a 95% fidelity to the actual UH-60L aircraft.