

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.

