

**DETAILED MAINTENANCE AND INSPECTION CAPABILITIES**  
**FOR BK-117 MODEL HELICOPTERS**

- All major and minor inspections including but not limited to the following:

**50 Hour Inspection**  
**100 Hour Inspection**  
**12 Month Inspection**  
**600 Hour or 2 Year Inspection**  
**6,000 Hour or 12 Year Inspection**  
**Supplementary Inspections**

- All special and conditional inspections as outlined in the BK-117 Maintenance manual, such as:

**Hard Landing Inspections**  
**Sudden Stoppage Inspections**  
**Overspeed Inspections**

- The compliance with and/or incorporation of FAA airworthiness directives and manufacturer's alert service bulletins and technical bulletins.
- The evaluations, overhaul, repair and testing (where required) of the following dynamic components:

**Main Rotor Hub Assembly**  
**\*Transmission (Main) (Complete, includes Swashplate and Mast)**  
**Engine to Transmission Drive Shaft Assembly**  
**Tail Rotor Drive Shaft Hangar Bearing Assembly**  
**\*Intermediate Gearbox Assembly**  
**\*Tail Rotor Gearbox Assembly**  
**Tail Rotor Hub Assembly**  
**Hydraulic Unit**  
**Starter Generator**  
**Most Accessories**

**\*Please note: PHI does not have run-in capabilities, will require customer aircraft for run-in to complete overhaul.**

- Evaluation, overhaul, repair and testing of the Honeywell International LTS-101 engines, engine modules and engine accessories as installed in all BK-117 series helicopters.
- The Structures Repair Shop is capable of performing major and minor airframe repairs. (Arrangements will be made with outside vendors for major airframe repairs requiring the use of an airframe fixture). We are also capable of performing extensive tailboom repairs.
- In addition, we also offer comprehensive and extensive capabilities for avionics, exterior and interior refinishing.