

**DETAILED MAINTENANCE AND INSPECTION CAPABILITIES**  
**FOR BELL MODEL 407 HELICOPTERS**

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

**Progressive Inspection**  
**Airframe Periodic Inspection**  
**12 Month Inspection**  
**24 Month Inspection**  
**1200 Hour/24 Month Inspection**

- All special and conditional inspections as outlined in the Bell Model 407 Maintenance Manual, such as:

**Hard landing Inspection**  
**Sudden Stoppage Inspections**  
**Overspeed Inspection**  
**Overtorque Inspection**  
**Lightning Strike Inspection**

- 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**  
**Mast Assembly**  
**Swashplate Drive Assembly**  
**Swashplate and Lever Assembly**  
**Transmission (Main)**  
**Oil Cooler Blower**  
**Tail Rotor Drive Shaft Hangar Bearing Assembly**

**Tail Rotor Gearbox Assembly**  
**Tail Rotor Hub Assembly**  
**Starter Generator**

- Evaluation, overhaul, repair and testing of all Rolls-Royce 250 series engines and engine modules as installed in all Bell 407 helicopter.
- The Structures Repair Shop is capable of performing major and minor airframe and tailboom repairs. (Arrangements will be made with outside vendors for major airframe and tailboom repairs requiring the use of fixtures).
- In addition, we also offer comprehensive and extensive capabilities for avionics, exterior and interior refinishing.