

INSPECTIONS

5-1. GENERAL

This chapter contains the requirements for Scheduled, Special, and Conditional Inspections, and a Component Overhaul Schedule.

WARNING

FAILURE TO CORRECT CONDITIONS SUCH AS, BUT NOT LIMITED TO, CORROSION, EROSION, MECHANICAL DAMAGE, OR OBVIOUS WEAR FOUND DURING A SCHEDULED INSPECTION COULD SERIOUSLY AFFECT THE AIRWORTHINESS OF THE HELICOPTER.

These inspection requirements constitute an approved inspection program designed and recommended by Bell Helicopter Textron for the Model 412 Series. They can be utilized by registered owners or operators who desire to develop a progressive inspection system to be used as part of the complete maintenance program. A written request for approval to use the progressive inspection system shall be submitted to the governing civil aviation authority having jurisdiction over the area in which the owner or operator is located. Relief from the requirements in this chapter can be requested through the local aviation authority. **For the convenience of the operator, two separate scheduled inspections are provided as follows:**

- Part A Scheduled inspections consist of a daily inspection, 100 hour/12 calendar month inspection, 1000 hour inspection, and 5000 hour/5 year inspection.
- **Part B** Scheduled inspections consist of a 25 hour/30 day inspection, 300 hour/12 month, 600 hour/12 month inspection, and 5000 hour/5 year inspection.

Either series of inspections may be utilized. However, once a helicopter has been started on either inspection program, it shall be maintained on that program except as follows:

- If a helicopter is being inspected on the Part A inspection program and it is desired to change

to the Part B inspection program, a complete Part A 1000 hour inspection shall be accomplished. The helicopter may then be changed to the Part B inspection program beginning with a 25 hour/30 day inspection.

- If a helicopter is being inspected on the Part B inspection program and it is desired to change to the Part A inspection program, a complete 600 hour inspection shall be accomplished. The helicopter may then be changed to the Part A inspection program beginning with a daily inspection.

The inspection intervals given in this chapter are the maximum permitted. Do not exceed these intervals. The owner/operator is responsible for increasing the scope and the frequency of the inspections as necessary. Make sure the helicopter is maintained safely during all unusual local changes, such as environmental conditions, helicopter use, etc. You can request changes to the requirements in this chapter through the local aviation authority.

The inspection intervals and the component overhaul schedule provided in this chapter are applicable only to Bell Helicopter Textron approved parts.

NOTE

The time period given for the overhaul of a component (or the failure to give a time period for the overhaul of a component) does not constitute a warranty of any kind. The only warranty applicable to the helicopter or any component is the warranty included in the Purchase Agreement for the helicopter or the component.

The Time Between Overhaul (TBO) and the inspection periods are determined through experience, tests, Lead The Fleet (LTF), or any other special programs and the judgement of Bell Helicopter Textron engineers. They are subject to change only by Bell Helicopter Textron or an approved Airworthiness Authority.

Changes to the TBO will be introduced by either revisions to this chapter or a Technical Bulletin.