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Private Pilot Research - Inspections & Documents (Required Inspections)

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The following are a list and description of the most important required inspections for Private Pilots to know:

- The annual inspection (part 91.409 & 91.417) requirement applies to all aircraft operating under part 91 and can be performed by an Inspector Authorization (IA).
- The 100-hour inspection is required for aircraft operating under compensation or hire and can be performed by an Inspector Authorization (IA) or Airframe & Powerplant mechanic (A&P).
- The ELT inspection is required every 12 calendar months and includes the battery being checked and replaced.
- The Pitot-Static system inspection is required every 24 calendar months.
- The Transponder inspection is required every 24 calendar months.

Another thing to remember is that every inspection must be documented in the aircraft log book. This is done to ensure all inspections are up-to-date and complied with by the aircraft operators and owners. Failure to complete all required inspections poses a safety hazard for all individuals operating around or in the aircraft, which is why it is so important for aircraft operators to remember and understand these requirements.