

**Phase 1 - Class 3 Maintenance - Check out FAR 91.407(b)**

**Defns:** **Appropriately Rated Pilot = Certified in Category, Class, and Type (if required).**

**Note:** The maintenance applies to all aircraft.

1. What certification level is the check pilot required to have? Private, Commercial , Air Transport
2. What type of maintenance requires an operational check?
3. Besides the operational check, what else is required of the check pilot?

**Phase 1 - Class 3 Maintenance - Inspections 91.409(a) (b)**

**Defns:** **Calendar Month =** One calendar month from a given date extends from that date until midnight of the last day of that month. I.e. 12 calendar months from July 4 would be at midnight the last day of July the following year.

1. Who may perform the annual inspections?
2. How often must the annual inspections occur?
3. If the aircraft is used for hire or instruction, how often are the inspections required?
4. How many hours may a 100 hour inspection be exceeded?
5. If the 100 hour inspection is exceeded by 5 hours, when is the next 100 hour inspection due?

**Phase 1 - Class 3 Maintenance - Record Keeping 91.417(a)1, (b)1**

**Note:** **Maintenance Records =** these are records other than the airframe, engine, prop, and avionics log books.

1. What information is required in each maintenance record?
2. Who must make the maintenance entries?
3. Who is responsible for retaining the maintenance records?
4. How long must the maintenance records be kept?

**Phase 1 - Class 3 Maintenance- Rebuilt Engines 91.421**

**Note:** Engines are often "refurbished", "overhauled", and "top overhauled" but that does not mean they were "rebuilt" or "remanufactured (reman)". The engine time continues to build on those engines. If the engine is "rebuilt" it is delivered with a zero time log book.

1. What constitutes a rebuilt engine with zero time?
2. Who may rebuild an engine?
3. What documentation is required for a rebuilt to zero time engine?

**Phase 1 - Class 3 Pilot in Command****FAR 91.3, 91.7**

**Defns: Pilot in Command (PIC) = See FAR 1.1**

1. You go flying with another certificated pilot - who is the PIC?
2. What rules may a PIC (Pilot in Command) deviate from under normal conditions?
3. Is there a limit to which a PIC may go in an emergency?
4. If a PIC deviates from the rules during an emergency, how soon must he or she send a written report to the FAA Administrator?
5. You have declared an emergency and find that you can safely land on the taxi-way. Once on the ground you find that you can taxi, so you taxi across the active runway to the parking area. As PIC do you have the right to complete these actions? If not, why not?

**Phase 1 - Class 3 Airplane Flight Manual****FAR 91.9(a) (b), Text 2-10, 2-11**

**Note:** Review the Airplane Flight Manual (AFM) sections in the Text. All AFMs have the same basic sections. You may see the term Pilot's Operating Handbook (POH). The POH is the old name for the AFM.

1. What is the difference between an Pilot's Information Manual [PIM] and an Airplane Flight Manual?
2. Where must the AFM be kept?
3. Which section contains the Weight & Balance information?

**Phase 1 - Class 3 Dropping Objects****FAR 91.15**

**Note:** Some fly-ins will have "bombing" contests where the pilot will drop flour packets on a target.

1. Does this activity require special permission or a waiver from the FAA Administrator?
2. Does this rule apply to the military?