

**Documents**

- External Data Plate - FAR 45.11 SERIAL NUMBER: \_\_\_\_\_
- Airworthiness Certificate - FAR 91.203
- Registration Certificate - FAR 91.203
- Radio Station License – For flights outside US - FCC Regulation
- Operating Handbook – Official POH/AFM - FAR 91.9
- Weight and Balance – Official weight and balance located in the POH/AFM
- Compass Deviation Card – FAR 23.1547

**Inspections**

- Annual - 12 Months - 91.409(a) ..... Most Recent: \_\_\_\_\_ Next Due: \_\_\_\_\_
- VOR Equipment Check\* –  
30 Days - FAR 91.171..... Most Recent: \_\_\_\_\_ Next Due: \_\_\_\_\_
- 100 HR Inspection - FAR 91.409(b)

**Determine Next 100 HR HOBBS Due**

**STEP 1:** Identify 2 most recent 100 HRS.

- (A) Most Recent 100 HR: \_\_\_\_\_
- (B) Minus Previous 100 HR: — \_\_\_\_\_

**STEP 2:** Determine if most recent 100 HR was over or under 100 HRS.

- (C) Subtract (B) from (A): = \_\_\_\_\_

**STEP 3:** Determine next 100 HR HOBBS due.

If (C) is > 100, then 100 HR was over-flown. Next 100 HR is due 200 HRS after (B). (B) + 200.

If (C) is ≤ 100, then 100 HR was not over-flown. Next 100 HR due is 100 HRS after (A). (A) + 100.

- (D) Next 100 HR HOBBS Due: \_\_\_\_\_ *(Should Match Aircraft Eq. and Inspection Guide)*
- (E) Minus Current HOBBS (OFF/ON): — \_\_\_\_\_
- (F) = HRS Left to 100 HR: \_\_\_\_\_

- Altimeter\* – 24 Months - FAR 91.411 ..... Most Recent: \_\_\_\_\_ Next Due: \_\_\_\_\_
- Transponder – 24 Months - FAR 91.413 ... Most Recent: \_\_\_\_\_ Next Due: \_\_\_\_\_
- ELT Battery – Inspect - FAR 91.207(c)..... Most Recent: \_\_\_\_\_ Next Due: \_\_\_\_\_
- ELT – 12 months - FAR 91.207(d)..... Most Recent: \_\_\_\_\_ Next Due: \_\_\_\_\_
- Static & Encoder\* –  
24 Months - FAR 91.411 ..... Most Recent: \_\_\_\_\_ Next Due: \_\_\_\_\_

\* Required for IFR Flight

## Airworthiness Directives – 91.417(a)(2)(v)

- Verified: Status
- Compliance
- Appropriate Maintenance
- Log Entries

## Form 337s

- Verified: Status
- Compliance with Instructions
- for Continued Airworthiness
- Appropriate Maintenance
- Log Entries

## Required Equipment - 91.205

### VFR (DAY) – Ref. FAR 91.205(b)

- A**nti-collision light system
- T**achometer
- O**il pressure gauge for each engine
- M**anifold pressure (for each altitude engine)
- A**irspeed Indicator
- T**emp gauge (for each liquid-cooled engine)
- O**il temperature gauge (for each air-cooled engine)
- F**uel quantity indicator
- L**anding gear position indicators (if retractable gear)
- A**ltimeter
- M**agnetic compass
- E**LT
- S**afety belts

### VFR (Night) – Ref. FAR 91.205(c)

- All Day VFR equipment
- F**use's
- L**anding light (if for hire)
- A**nti collision lights
- P**osition indicator lights
- S**ource of electricity

### IFR – Ref. FAR 91.205(d)

- All Day VFR equipment
- All Night VFR equipment
- G**enerator/alternator
- R**ate of turn indicator
- A**ttitude indicator
- B**all (Slip/Skid indicator)
- C**lock w/ sweeping second hand or digital readout
- A**ltimeter (pressure sensitive)
- R**adio equipment applicable to the flight
- D**irectional gyro
- D**ME if above FL240 and using VOR's

### Inoperative Equipment—FAR 91.213(d)

- No Inoperative Equipment **OR**;
- Inoperative Equipment
  - Removed From Airplane
  - Appropriate MX records and Wt Balance Adjustments by licensed A&P Mechanic
- OR –**
  - Deactivated
  - Placarded
  - Not Required by 91.205 or Equipment List
  - PIC Determines Flight Can be Conducted Safely