### Documents

- External Data Plate - FAR 45.11
- 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: __________________
(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

### TCDS Life Limited Parts – FAR 91.417(a)(2)(11)

(G) Life Limited Part: ________________________________________________
(H) Minus Airframe Total Time in Service (AFTTIS)

Next 100 HR: —__________ (AFTTIS From Inspection Guide)

Line G minus H: —__________ (Line F Above)

(I) + HRS Left to 100 HR: __________________

(J) = AIRFRAME TIME LEFT (LIFESPAN): __________________
**Airworthiness Directives – FAR 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 - FAR 91.205**

**VFR (DAY) – Ref. FAR 91.205(b)**

- Anti-collision light system
- Tachometer
- Oil pressure gauge for each engine
- Manifold pressure (for each altitude engine)
- Airspeed Indicator
- Temp gauge (for each liquid-cooled engine)
- Oil temperature gauge (for each air-cooled engine)
- Fuel quantity indicator
- Landing gear position indicators (if retractable gear)
- Altimeter
- Magnetic compass
- ELT
- Safety belts

**IFR – Ref. FAR 91.205(d)**

- All Day VFR equipment
- All Night VFR equipment
- Generator/alternator
- Rate of turn indicator
- Attitude indicator
- Ball (Slip/Skid indicator)
- Clock w/ sweeping second hand or digital readout
- Altimeter (pressure sensitive)
- Radio equipment applicable to the flight
- Directional gyro
- DME 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