

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: _____
- (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)

TCDS Info:
<http://www.faa.gov/aircraft>
 PA-44 Wing and Associated
 Structure - 14,663 HRS

- (G) Life Limited Part: _____
- (H) Minus Airframe Total Time
in Service (AFTTIS)
Next 100 HR: - _____
- Line G minus H: = _____
- (I) + HRS Left to 100 HR: _____
- (J) = AIRFRAME TIME LEFT (LIFESPAN): _____



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
 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

VFR (Night) - Ref. FAR 91.205(c)

- All Day VFR equipment
 Fuse's
 Landing light (if for hire)
 Anti collision lights
 Position indicator lights
 Source of electricity

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