

AIRWORTHINESS CHECKLIST

Completed By: _____

Date: _____

N-Number: _____

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

SERIAL NUMBER: _____

Inspections

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

Determine Next 100 HR HOBS 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 HOBS 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 HOBS Due: _____
(E) Minus Current HOBS (OFF/ON): _____
(F) = HRS Left to 100 HR: _____
(Should Match Aircraft Eq. and Inspection Guide)

- ☐ 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: _____ (AFTTIS From Inspection Guide)
Line G minus H: = _____ (Line F Above)
(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

Required Equipment - 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

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

Form 337s

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

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