

50 hour oil change

Time remaining:

Tach time at last 100 hour:

N15472 PIPER CHEROKEE CHALLENGER

Airworthiness Checklist

Equipment not required by §91.205, POH, or ADs

PIC determination the inop equipment does not interfere with flight

Deactivated or removed with "inop" placard

| | Completed by: | | | Date://20 |
|---|---|---|--------------------------------------|--|
| | | | s in: Tach out: | |
| l | | | | |
| | tructions: This sheet is to be completed before every flight. Ensure each in Thecked if you are unsure and ask your instructor when they become avai | | | |
| | cle for current aircraft squawks and the maintenance records for maintena | | | 3 1 |
| | Aircraft Documents | | Pilot Doc | umanta. |
| | Airworthiness certificate | | Pilot certificate | uments |
| | Registration certificate | | Valid medical certificate | |
| _ | Last renewed: _ / _/20 Experies: _ / _/20 | _ | Last renewed://20 | Experies://20 |
| | Radio station license (if flying internationally) | | Valid photo ID | Expenes/_/20 |
| | Owner's manual/operating handbook | _ | Last renewed://20 | Experies://20 |
| _ | Weight & balance sheet | | Radio operator license (if flying in | |
| _ | Last updated: / /20 | ā | Renter's Insurance | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | | Last renewed: / /20 | Experies://20 |
| | Aircraft Inspections | | | |
| ā | Annual inspection: 12 calendar months (airframe, engine, propeller) | | Pilot Self As | ssessment |
| | Last completed://20 Experies://20 | | Illness: even a minor cold or sea | sonal allergies will impact judgement |
| | VOR receiver check: 30 days if IFR and primary means of navigation | | Medications: FAA approved? No | distracting/dangerous side effects? |
| | Last completed://20 Experies://20 | | Stress: low and well managed? I | |
| | 100-hour: 100 hours - previous overrun | | | viation policy: 12), < 0.04% BAL, not |
| | Tach time at last 100 hour: | | under the influence | |
| | Time remaining: | | | nours of sleep last night: Safe? |
| | ADs complied with | | Emotion: also impacts judgemen | • |
| | Altimeter, pitot, static: 24 calendar months if IFR | | Eating/hydration: well fed and hy | drated? |
| _ | Last completed://20 Experies://20 | _ | | |
| | Transponder: 24 calendar months if transponder is used | | Squawks and In | op Equipment |
| _ | Last completed://20 Experies://20 | | | |
| | ELT | | | |
| | Battery replacement: 1 hour of cumulative use or 50% life | | | |
| | Expires: _/_/20_ | | | |
| | Inspection: 12 calendar months Last completed: / /20 Experies: / /20 | | In an arative aguir | ament checklist |
| | Last completed://20 Experies://20 | | Inoperative equip | oment checklist |

safety



| | Weight (lbs) x | Arm (inches) = | Moment (in-lbs) |
|---------------------------|----------------|----------------|-----------------|
| Aircraft Empty Weight | 1463.97 | 86.3298838 | 126384.36 |
| Oil (15 lb max) | | 27.5 | |
| Front Seat Occupants | | 80.5 | |
| Rear Seat Occupants | | 118.1 | |
| Baggage (200lb max) | | 142.8 | |
| Zero Fuel Weight and CG | | CG = | |
| + Usable Fuel (288lb max) | | 95 | |
| Full Fuel Weight | | CG = | |
| - Fuel Used | | 95 | |
| Takeoff Weight | | CG = | |
| - Fuel Used | | 95 | |
| Landing Weight | | CG = | |

Aircraft Performance

| Departure Takeoff Distance to Clear 50 ft Obstacle |
|--|
| Destination Takeoff Distance to Clear 50 ft Obstacle |
| Cruise % Horsepower |
| Cruise Gal/Hour |
| Endurance at Top of Climb (Hours) |
| Glide Range at Cruising Altitude of ft |
| Departure Landing Distance to Clear 50 ft Obstacle |
| Destination Landing Distance to Clear 50 ft Obstacle |

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Weight & Balance

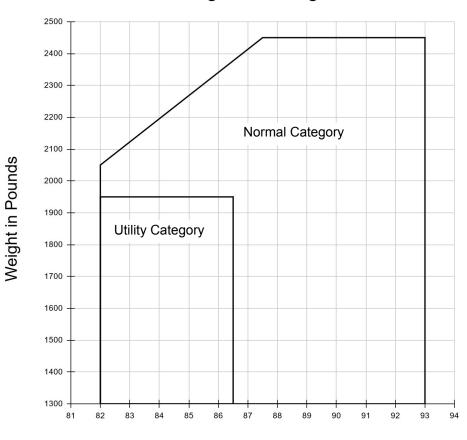
Last Revised: 3/2/2022

Conversions and Equations

Weight x Arm = Moment Total Moment / Total Weight = CG Cruise gal/hour x Fuel Remaining = Endurance

Fuel Weight = ~6 lbs/gal
Oil Weight = ~1.875 lbs/quart

C.G. Range and Weight



Inches Aft of Datum