



GREAT BASIN AVIATION

AIRWORTHINESS CHECKLIST

CESSNA 172SP N292ED

Name: _____ Date: _____ N-Number: _____

Inspections AVIATES

| | | | | |
|-------------------|-----------|------------------|--|-----------------|
| Annual | 12 Months | FAR 91.409 (a) | Most Recent: _____ | Next Due: _____ |
| VOR Check* | 30 Days | FAR 91.171 | Most Recent: _____ | Next Due: _____ |
| 100 HR Inspection | 100 HRs | FAR 91.409 (b) | 100HR Due: _____ - Current TACH: _____ = _____ | |
| Altimeter* | 24 Months | FAR 91.411 | Most Recent: _____ | Next Due: _____ |
| Transponder | 24 Months | FAR 91.413 | Most Recent: _____ | Next Due: _____ |
| ELT/ELT Battery | | FAR 91.207 (c/d) | Most Recent: _____ | Next Due: _____ |
| Static & Encoder* | 24 Months | FAR 91.411 | Most Recent: _____ | Next Due: _____ |

* Required for IFR Flight

Documents ARROWEC

| | | | |
|-------------------------------------|---------------------------|------------------|-------------------|
| <input type="checkbox"/> | Airworthiness Certificate | FAR 91.203 | Hobbs Out _____ |
| <input type="checkbox"/> | Registration Certificate | FAR 91.203 | |
| <input checked="" type="checkbox"/> | Radio Station License | Outside US | Hobbs In _____ |
| <input type="checkbox"/> | Operating Handbook | POH/AFM FAR 91.9 | |
| <input type="checkbox"/> | Weight and Balance | POH/AFM | Flight Time _____ |
| <input type="checkbox"/> | External Data Plate | FAR 45.11 | |
| <input type="checkbox"/> | Compass Deviation Card | FAR 23.1547 | Ending Tach _____ |

Required Equipment - FAR 91.205

VFR (Day) - FAR 91.205 (b) ATOMATOFLAMES

| | |
|--------------------------|---|
| <input type="checkbox"/> | Anti-collision light system |
| <input type="checkbox"/> | Tachometer |
| <input type="checkbox"/> | Oil Pressure gauge (each engine) |
| <input type="checkbox"/> | Manifold pressure (each altitude engine) |
| <input type="checkbox"/> | Airspeed Indicator |
| <input type="checkbox"/> | Temp gauge (each liquid-cooled engine) |
| <input type="checkbox"/> | Oil Temperature gauge (each air-cooled engine) |
| <input type="checkbox"/> | Fuel quantity indicator |
| <input type="checkbox"/> | Landing gear position indicator (if retractable gear) |
| <input type="checkbox"/> | Altimeter |
| <input type="checkbox"/> | Magnetic compass |
| <input type="checkbox"/> | ELT |
| <input type="checkbox"/> | Safety belts |

IFR - FAR 91.205 (d) GRABCARD

| | |
|--------------------------|--|
| <input type="checkbox"/> | All Day VFR equipments |
| <input type="checkbox"/> | All Night VFR equipments |
| <input type="checkbox"/> | Generator / Alternator |
| <input type="checkbox"/> | Rate of turn indicator |
| <input type="checkbox"/> | Attitude indicator |
| <input type="checkbox"/> | Ball (Slip/Skid indicator) |
| <input type="checkbox"/> | Clock (w/ sweeping second hand or digital) |
| <input type="checkbox"/> | Altimeter (pressure sensitive) |
| <input type="checkbox"/> | Radio equipment |
| <input type="checkbox"/> | Directional gyro |
| <input type="checkbox"/> | DME (if above FL240 and using VORs) |

VFR (Night) - FAR 91.205 (c) FLAPS

| | |
|--------------------------|-----------------------------|
| <input type="checkbox"/> | All Day VFR equipments |
| <input type="checkbox"/> | Fuses |
| <input type="checkbox"/> | Landing light |
| <input type="checkbox"/> | Anti-collision light system |
| <input type="checkbox"/> | Position indicator lights |
| <input type="checkbox"/> | Source of electricity |

Always use the approved Operators Manual or POH/AFM specific to the airplane you are flying. Great Basin Aviation assumes no responsibility or liability for any errors or inaccuracies that may appear on this guide and it is not intended to replace the approved POH/AFM or FAA approved publications and procedures. 05-09-2019

| | | |
|---------------|-------------------|-------------------|
| Airport | Information | Time |
| Wind | @ G | Visibility |
| SKY | OVC BKN SCT FEW @ | CLR SKC |
| | OVC BKN SCT FEW @ | CLR SKC |
| | OVC BKN SCT FEW @ | CLR SKC |
| Temperature | Dewpoint | Altimeter |
| Expect Runway | Remarks | |
| C | | |
| R | | |
| A | | |
| F | | |
| T | | |
| Taxi | Via | Cross/ Hold Short |
| Taxi | Via | Cross/ Hold Short |
| Airport | Information | Time |
| Wind | @ G | Visibility |
| SKY | OVC BKN SCT FEW @ | CLR SKC |
| | OVC BKN SCT FEW @ | CLR SKC |
| | OVC BKN SCT FEW @ | CLR SKC |
| Temperature | Dewpoint | Altimeter |
| Expect Runway | Remarks | |

CESSNA 172SP N292ED

WEIGHT & BALANCE

| | Weight x | Arm | = | Moment |
|--------------------|----------|--------|---|-----------|
| Basic Empty Weight | 1684.6 | 41.11" | | 69,253.91 |
| Front Pilots | + | 37" | + | |
| Rear Passengers | + | 73" | + | |
| Bag1 120lbs. max | + | 95" | + | |
| Bag2 50lbs. max | + | 123" | + | |

Formulas

- > Weight x Arm = Moment
- > Total Moment / Total Weight = Center of Gravity (CG)
- > Max Ramp Weight - Zero Fuel Weight = Usable Fuel Weight
- > Fuel Weight / 6 = Fuel Gallons
- > 100LL (Blue) Fuel Weighs 6lbs/gal
- > Oil Weighs 7.5lbs / gal

| | | | | |
|------------------|---|-----|----|---|
| Zero Fuel Weight | = | | CG | = |
| Usable Fuel | + | 48" | + | |

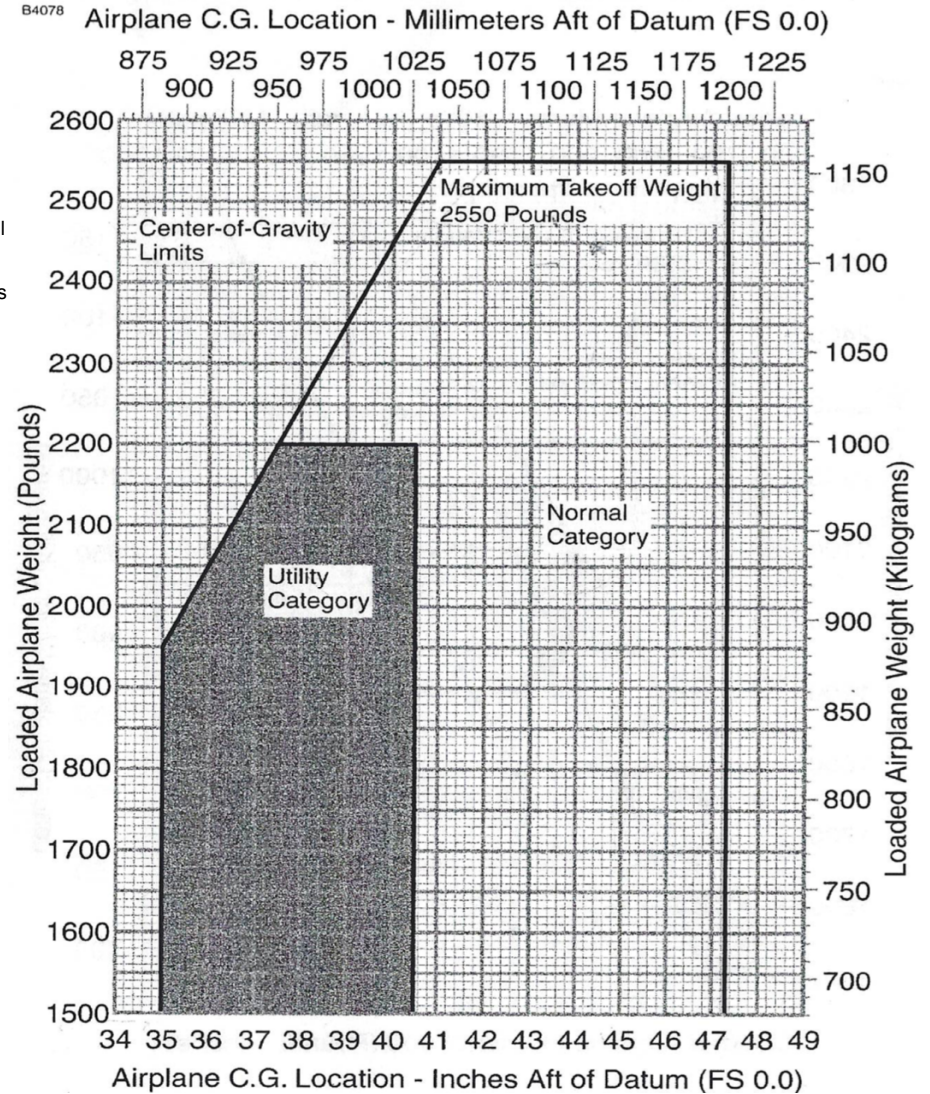
| | | | | |
|----------------|---|--|----|---|
| Takeoff Weight | = | | CG | = |
|----------------|---|--|----|---|

| FLIGHT PLAN | | (FAA USE ONLY) <input type="checkbox"/> PILOT BRIEFING <input type="checkbox"/> VNR | | TIME STARTED | SPECIALIST INITIALS |
|--|----------------------------|---|-------------------------|---|---|
| U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION | | <input type="checkbox"/> STOPOVER | | | |
| 1. TYPE <input type="checkbox"/> VFR <input type="checkbox"/> IFR <input type="checkbox"/> DVFR | 2. AIRCRAFT IDENTIFICATION | 3. AIRCRAFT TYPE / SPECIAL EQUIPMENT | 4. TRUE AIRSPEED KTS | 5. DEPARTURE POINT | 6. DEPARTURE TIME PROPOSED (Z) ACTUAL (Z) |
| 7. CRUISING ALTITUDE | | | | | |
| 8. ROUTE OF FLIGHT | | | | | |
| 9. DESTINATION (Name of airport and city) | | 10. EST. TIME ENROUTE HOURS MINUTES | | 11. REMARKS | |
| 12. FUEL ON BOARD HOURS MINUTES | | 13. ALTERNATE AIRPORT(S) | | 14. PILOT'S NAME, ADDRESS & TELEPHONE NUMBER & AIRCRAFT HOME BASE | |
| | | | | 15. NUMBER ABOARD | |
| | | | | 17. DESTINATION CONTACT/TELEPHONE (OPTIONAL) | |
| 16. COLOR OF AIRCRAFT | | CIVIL AIRCRAFT PILOTS: FAR Part 91 requires you file an IFR flight plan to operate under instrument flight rules in controlled airspace. Failure to file could result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of the Federal Aviation Act of 1958, as amended). Filing of a VFR flight plan is recommended as a good operating practice. See also Part 99 for requirements concerning DVFR flight plans. | | | |

FAA Form 7233-1 (8-82)
Electronic Version (Adobe)

CLOSE VFR FLIGHT PLAN WITH _____ FSS ON ARRIVAL

CENTER-OF-GRAVITY LIMITS



Performance

| Short Field | | Short Field | |
|------------------|--|------------------|--|
| Takeoff Distance | | Landing Distance | |
| Ground Roll | | Ground Roll | |
| 50ft Obst. | | 50ft Obst. | |