



GREAT BASIN AVIATION

AIRWORTHINESS CHECKLIST

CESSNA 172S N495SP

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

	Airworthiness Certificate	FAR 91.203	Hobbs Out _____
	Registration Certificate	FAR 91.203	
N/A	Radio Station License	Outside US	Hobbs In _____
	Operating Handbook	POH/AFM FAR 91.9	
	Weight and Balance	POH/AFM	Flight Time _____
	External Data Plate	FAR 45.11	
	Compass Deviation Card	FAR 23.1547	Ending Tach _____

Required Equipment - FAR 91.205

VFR (Day) - FAR 91.205 (b) ATOMATOF LAMES

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

IFR - FAR 91.205 (d) GRABCARD D

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

VFR (Night) - FAR 91.205 (c) FLAPS

All Day VFR equipments
Fuses
Landing light
Anti-collision light system
Position indicator lights
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 172S N495SP

WEIGHT & BALANCE

	Weight	x	Arm	=	Moment
Basic Empty Weight	1681.5		39.43		66,301.55
Front Pilots	+		37"	+	
Rear Passengers	+		73"	+	
Bag1 120lbs. max	+		95"	+	
Bag2 50lbs. max	+		123"	+	

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

Takeoff Weight	=		CG	=	
Fuel Burn	-			-	

Landing Weight	=		CG	=	
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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

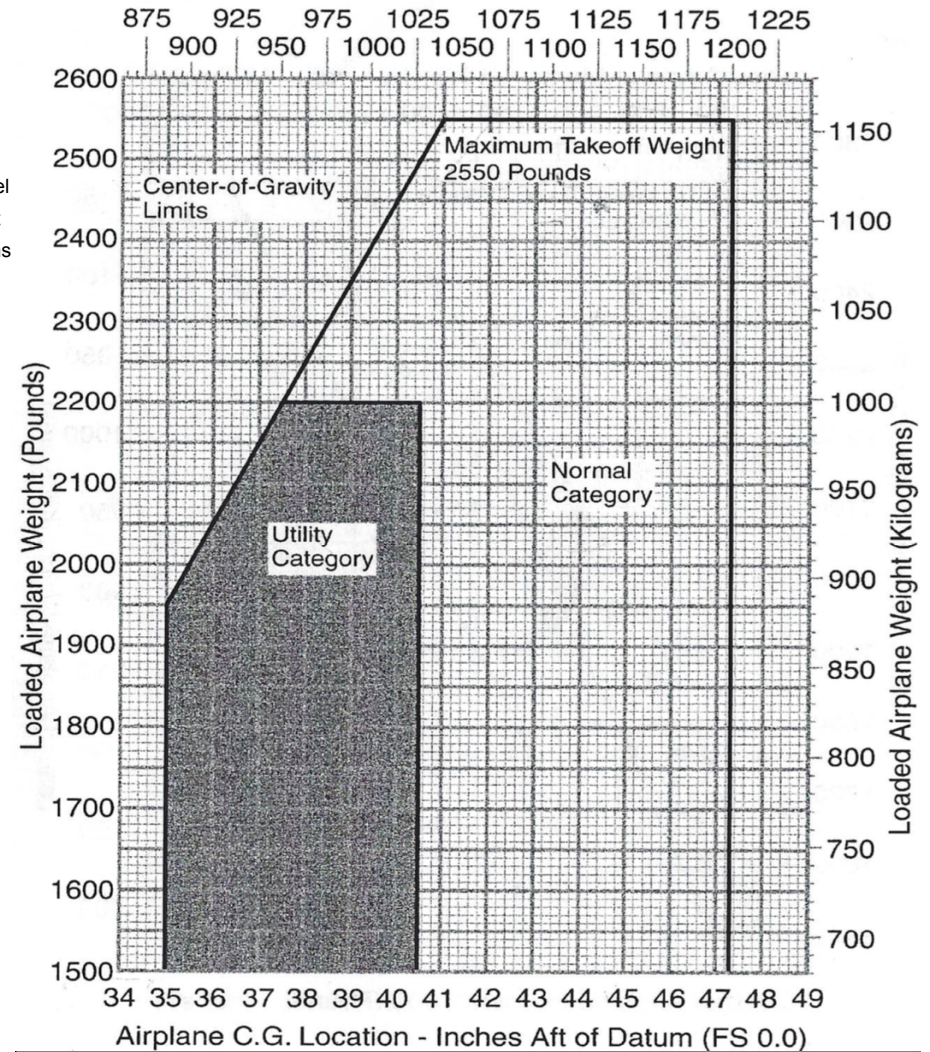
FLIGHT PLAN		(FAA USE ONLY) <input type="checkbox"/> PILOT BRIEFING <input type="checkbox"/> VNR		TIME STARTED	SPECIALIST INITIALS
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION					
<input type="checkbox"/> STOPOVER					
1. TYPE	2. AIRCRAFT IDENTIFICATION	3. AIRCRAFT TYPE / SPECIAL EQUIPMENT	4. TRUE AIRSPEED	5. DEPARTURE POINT	6. DEPARTURE TIME
<input type="checkbox"/> VFR					PROPOSED (Z) ACTUAL (Z)
<input type="checkbox"/> IFR					
<input type="checkbox"/> DVFR			KTS		7. CRUISING ALTITUDE
8. ROUTE OF FLIGHT					
9. DESTINATION (Name of airport and city)		10. EST. TIME ENROUTE	11. REMARKS		
		HOURS MINUTES			
12. FUEL ON BOARD		13. ALTERNATE AIRPORT(S)		14. PILOT'S NAME, ADDRESS & TELEPHONE NUMBER & AIRCRAFT HOME BASE	
HOURS	MINUTES				
				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

B4078 Airplane C.G. Location - Millimeters Aft of Datum (FS 0.0)



Performance			
Short Field		Short Field	
Takeoff Distance		Landing Distance	
Ground Roll		Ground Roll	
50ft Obst.		50ft Obst.	