



GREAT BASIN AVIATION

AIRWORTHINESS CHECKLIST

CESSNA 172S N2291C

Name: _____ Date: _____ N-Number: _____

Inspections AVIATES

<input type="checkbox"/>	Annual	12 Months	FAR 91.409 (a)	Most Recent: _____	Next Due: _____
<input type="checkbox"/>	VOR Check*	30 Days	FAR 91.171	Most Recent: _____	Next Due: _____
<input type="checkbox"/>	100 HR Inspection	100 HRs	FAR 91.409 (b)	Most Recent: _____ - Previous: _____ = _____	
		Next 100HR TACH Due: _____ - Current TACH: _____ = HRS Left to 100 HR: _____			
<input type="checkbox"/>	Altimeter*	24 Months	FAR 91.411	Most Recent: _____	Next Due: _____
<input type="checkbox"/>	Transponder	24 Months	FAR 91.413	Most Recent: _____	Next Due: _____
<input type="checkbox"/>	ELT Battery		FAR 91.207 (c)	Most Recent: _____	Next Due: _____
<input type="checkbox"/>	ELT	12 Months	FAR 91.207 (d)	Most Recent: _____	Next Due: _____
<input type="checkbox"/>	Static & Encoder*	24 Months	FAR 91.411	Most Recent: _____	Next Due: _____

* Required for IFR Flight

Required Equipment - FAR 91.205

VFR (Day) - FAR 91.205 (b) ATOMATOFLLAMES

<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. 05-04-2019

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 _____

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 N2291C

WEIGHT & BALANCE

	Weight	x	Arm	=	Moment
Basic Empty Weight	1757.4		41.617"		73,137.00
Front Pilots	+		37"	+	
Rear Passengers	+		73"	+	
Bag1 120lbs. max	+		95"	+	
Bag2 50lbs. max	+		123"	+	

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

Ramp Weight	=			=	
Taxi 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

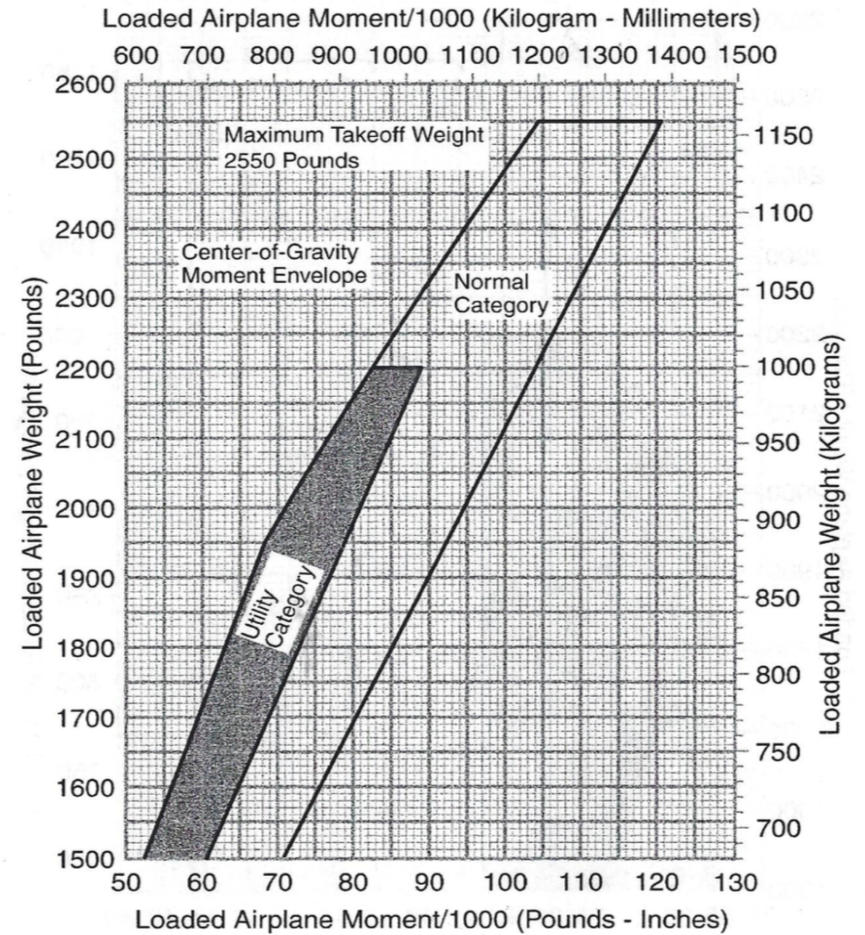
FLIGHT PLAN		(FAA USE ONLY) <input type="checkbox"/> PILOT BRIEFING <input type="checkbox"/> VNR		TIME STARTED	SPECIALIST INITIALS
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		<input type="checkbox"/> STOPOVER			
1. TYPE <input type="checkbox"/> VFR <input type="checkbox"/> IFR <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 MOMENT ENVELOPE

B4077



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