

# CESSNA 172S N40RF

## FORMULAS

<i>Moment</i>	Weight * Arm = Moment
<i>Center of Gravity</i>	Total Moment / Total Weight = Center of Gravity (CG)
<i>Fuel Weight (lbs)</i>	Fuel Gallons * 6 = Fuel Weight

## WEIGHT & BALANCE

	Weight	Arm	Moment
Basic Empty Weight	1813	42.53''	77,106.95
Front Pilots		37''	
Rear Passengers		73''	
Baggage 1 (120lbs max)		95''	
Baggage 2 (50lbs max)		123''	
Fuel Weight		48''	

<b>Total Weight</b>		<b>Total Moment</b>	
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<b>Center of Gravity</b>	
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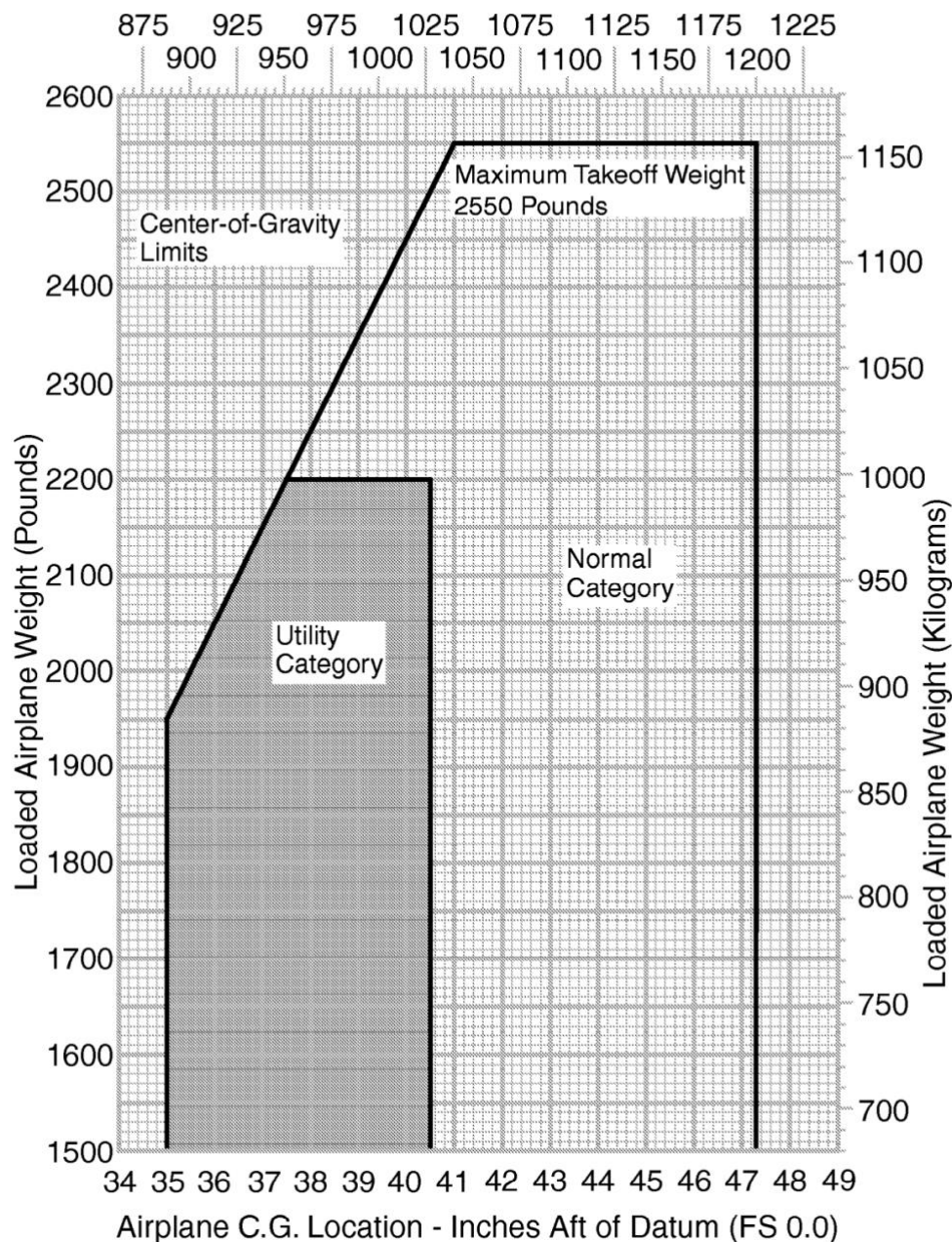
## PERFORMANCE

Short Field Takeoff Distance		Short Field Landing Distance	
Ground Roll		Ground Roll	
50 ft Obstacle		50 ft Obstacle	

## CENTER-OF-GRAVITY LIMITS

B4078

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



# GREAT BASIN AVIATION

## AIRWORTHINESS CHECKLIST

### CESSNA 172S N40RF

INSPECTIONS				
<i>Inspection</i>	<i>Duration</i>	<i>FAR</i>	<i>Most Recent</i>	<i>Next Due</i>
Annual	12 months	91.409 (a)		
VOR Check	30 days	91.171		
100-Hr	100 hours	91.409 (b)		
Airworthiness Directives	24 months	91.411		
Transponder	24 months	91.413		
ELT	12 months	91.207 (d)		
ELT Battery	See MX logs	91.207 (c)		
Static and Altimeter	24 months	91.411		

#### REQUIRED EQUIPMENT – FAR 91.205

##### VFR DAY – FAR 91.205 (b)

- ☐ Anti-Collision Light System
- ☐ Tachometer
- ☐ Oil Pressure Gauge
- ☐ Manifold Pressure (if applicable)
- ☐ Airspeed Indicator
- ☐ Temperature Gauge
- ☐ Oil Temperature Gauge
- ☐ Fuel Quantity Indicator
- ☐ Landing Gear Position Indicator (if applicable)
- ☐ Altimeter
- ☐ Magnetic Compass
- ☐ ELT
- ☐ Safety Belts

##### VFR NIGHT – FAR 91.205 (c)

- ☐ All Day VFR Equipment
- ☐ Fuses
- ☐ Landing Light
- ☐ Position Indicator Lights
- ☐ Source of Electricity

##### IFR – FAR 91.205 (d)

- ☐ All Day VFR Equipment
- ☐ All Night VFR Equipment
- ☐ Alternator
- ☐ Turn Indicator
- ☐ Attitude Indicator
- ☐ Slip/ Skid Indicator
- ☐ Clock
- ☐ Radio Equipment
- ☐ Heading Indicator

##### Documents

- ☐ Airworthiness Certificate (FAR 91.203)
- ☐ Registration Certificate (FAR 91.203)
- ☐ Operating Handbook (FAR 91.9)
- ☐ Weight and Balance
- ☐ External Data Plate (FAR 45.11)
- ☐ Compass Deviation Card (FAR 23.1547)