

**WEIGHT & BALANCE**

**Aircraft: N3544Z**

**Cessna 172SP**

**Weight x Arm = Moment**

	<b>Weight</b>	<b>Arm</b>	<b>Moment</b>
Basic Empty	1701.50	40.41	
Front Seat 1 (34 – 46)			
Front Seat 2 (34 -46)			
Rear Passenger #1		73.00	
Rear Passenger # 2		73.00	
Fuel (6 lbs./gallon)		48.00	
Baggage Area A		95.00	
Baggage Area B		123.00	

**Total Moment: \_\_\_\_\_ / Total Weight \_\_\_\_\_ = \_\_\_\_\_ CG**

**Aircraft Loading: \_\_\_ Within Limits \_\_\_ Outside Limits**

**Maximum Useful Load: 856.50 lbs.**

**Maximum Take-Off Weight: 2550 lbs.**

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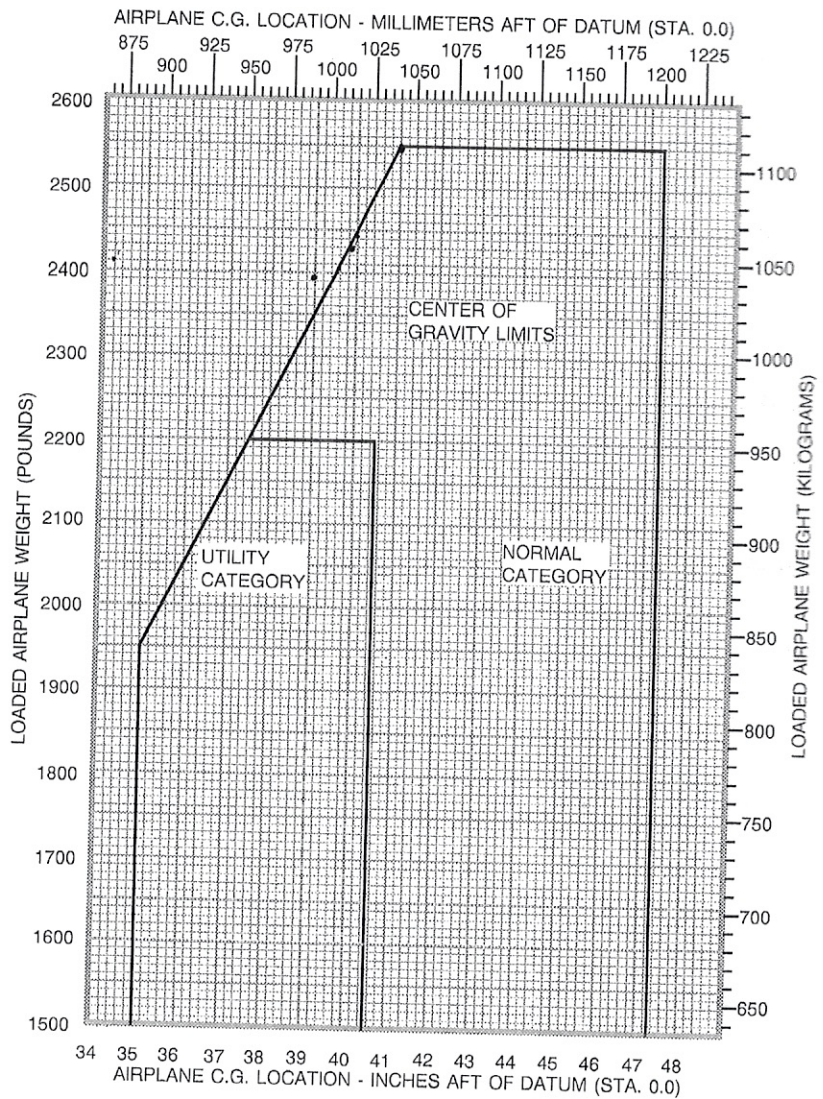


Figure 6-8. Center of Gravity Limits

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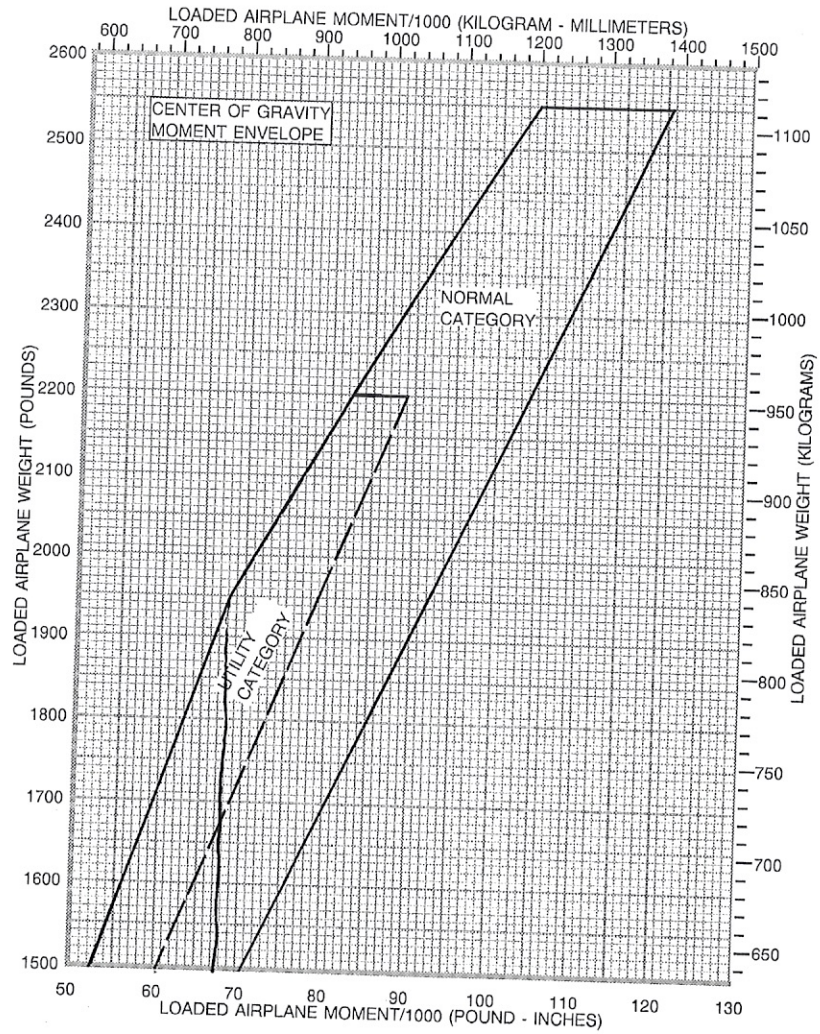


Figure 6-7. Center of Gravity Moment Envelope

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