

## N5322P WEIGHT AND BALANCE

	Weight Pounds (lb)	Arm Inches (in)	Moment lbin.
Empty Weight	1673.3	40.25 (Empty CG)	67,354.75
Pilot and Passenger		34 to 46	
Rear Passengers		73	
Baggage Area 1		95	
Baggage Area 2		123	
Fuel Tanks		48	
<b>Total Weight</b>		<b>Total Moment</b>	

**Total Moment ÷ Total Weight = CG**

CG =

### Instructions:

1. Add the weights of all the things loaded into the aircraft to the empty weight of the aircraft. This gives you your total weight.
2. Calculate the moment of each item loaded into the aircraft. (Weight x Arm)
3. Add the moments together including the moment of the empty aircraft.
4. Divide the total moments by the total weights to calculate your Center of Gravity. (CG)

### NOTE:

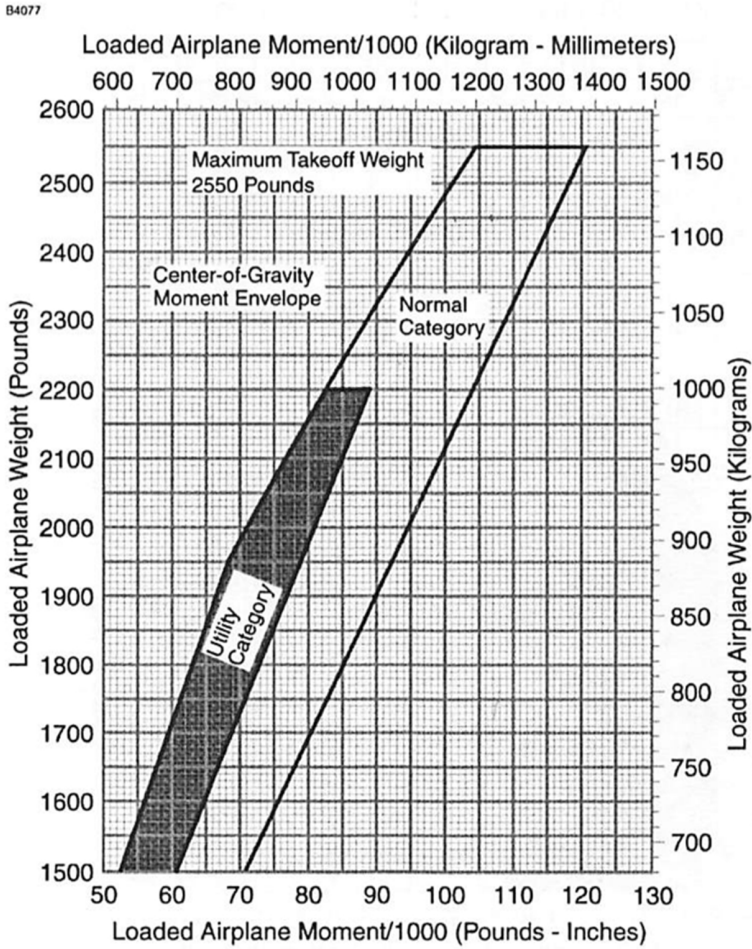
Fuel Weights 6lbs/gallon

Max Takeoff Weight: 2550 lbs

Max Weight in Baggage Area 1: 120 lbs Baggage Area 2: 50 lbs

**THIS MAXIMUM GROSS WEIGHT OF 2550 LBS MUST NEVER BE EXCEEDED!!**

**CENTER OF GRAVITY MOMENT ENVELOPE**



**CENTER OF GRAVITY LIMITS**

