



## N593EH WEIGHT AND BALANCE

N593EH	Weight Pounds (lb)	Arm Inches (in)	Moment lbin.
Empty Aircraft	2,180.00	141.65 (Empty CG)	308,761.00
Pilot and Passenger		143.5	
Rear Passengers		180	
Baggage Area 1		208	
Fuel Tanks		153.8	
<b>Total Weight</b>		<b>Total Moment</b>	

**Total Moment ÷ Total Weight = CG**

<b>CG =</b>
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### 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)

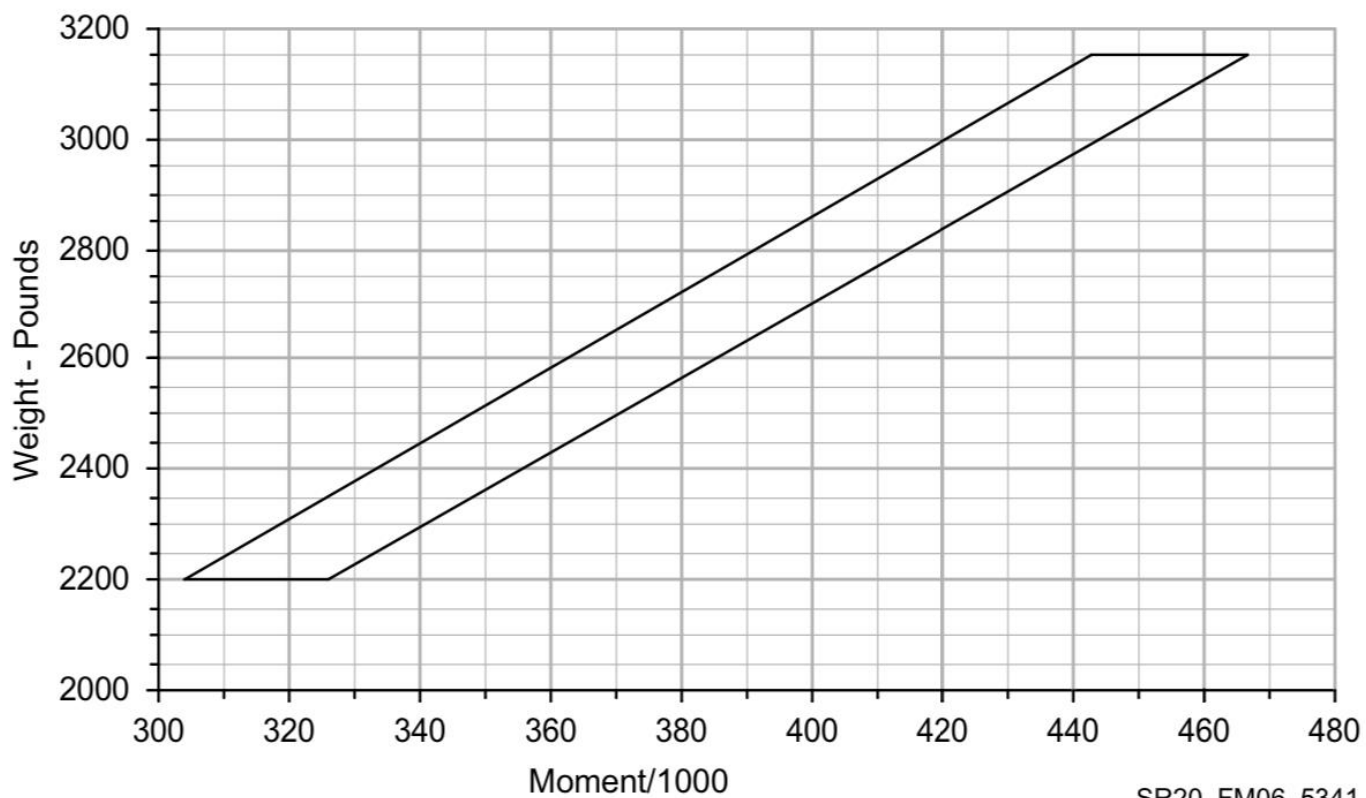
### NOTE:

**Fuel Weights 6 lbs/gallon**

**Max Takeoff Weight: 3150lbs**

**Max Weight in Baggage Area: 130 lbs**

**This maximum gross weight of 3050 lbs must be never exceeded!**



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**SANTA MONICA FLYERS**