

**SOMD Aircraft Rentals and Instruction**  
**Weight and Balance**  
**PA28-140 N15800**



Item	Weight (lb)	Arm (inches)	Moment (in-lb)
Licensed Empty Weight			
Oil (8 quarts)		32.50	
Pilot and Front Passenger		85.50	
Passengers (rear seat)		117.00	
Fuel (50 gallons, 6 lb/gal)		95.00	
Baggage Area 1 (rear seat)		117.00	
Baggage Area 2 (100 lb max)		133.30	
Totals (2150 lb max)		-----	

$$\text{Weight} \times \text{Arm} = \text{Moment}$$

Total Weight: \_\_\_\_\_ (lb)

Center of Gravity: \_\_\_\_\_ (in)

