

Weight and Balance Computations
 Maximum Takeoff Weight = 3100 lbs
 Useful Load (Fuel Fuel) = 670 lbs

Aircraft: N9879E

	Weight (lbs)	Arm (inches)	Moment (in/lbs)
Aircraft Empty Weight	1864.2 1882	37.04 36.50	69049.97 68695
Usable Fuel (88 Gals. Max @ 6 lbs/gal)	+	46.50	+
Pilot & Copilot	+	37.00	+
Rear Passengers	+	74.10	+
Baggae Area 1* (120 lbs. Max)	+	97.00	+
Baggae Area 2* (80 lbs. Max)	+	116.00	+
Baggae Area 3* (80 lbs. Max)	+	129.00	+
Ramp Weight & Moment	=		=
Start, Taxi & Runup	-10		-500
Takeoff Weight & Moment	=		=

$$\text{CG (Inches)} = \frac{\text{Total Moment}}{\text{Total Weight}}$$

*The maximum allowable combined weight capacity for baggage in areas 1, 3 and 3 is 200 lbs. The maximum allowable capacity for baggage in areas 2 and 3 is 80 lbs.

LOADING ARRANGEMENTS

*Pilot or passenger center of gravity on adjustable seats positioned for average occupant.
 Numbers in parentheses indicate forward and aft limits of occupant center of gravity range.
 **Arms measured to center of the areas shown.

- NOTES: 1. The usable fuel C.G. arm is located at station 46.5.
 2. The aft baggage wall (approximate station 134) can be used as a convenient interior reference point for determining the location of baggage area fuselage stations.



