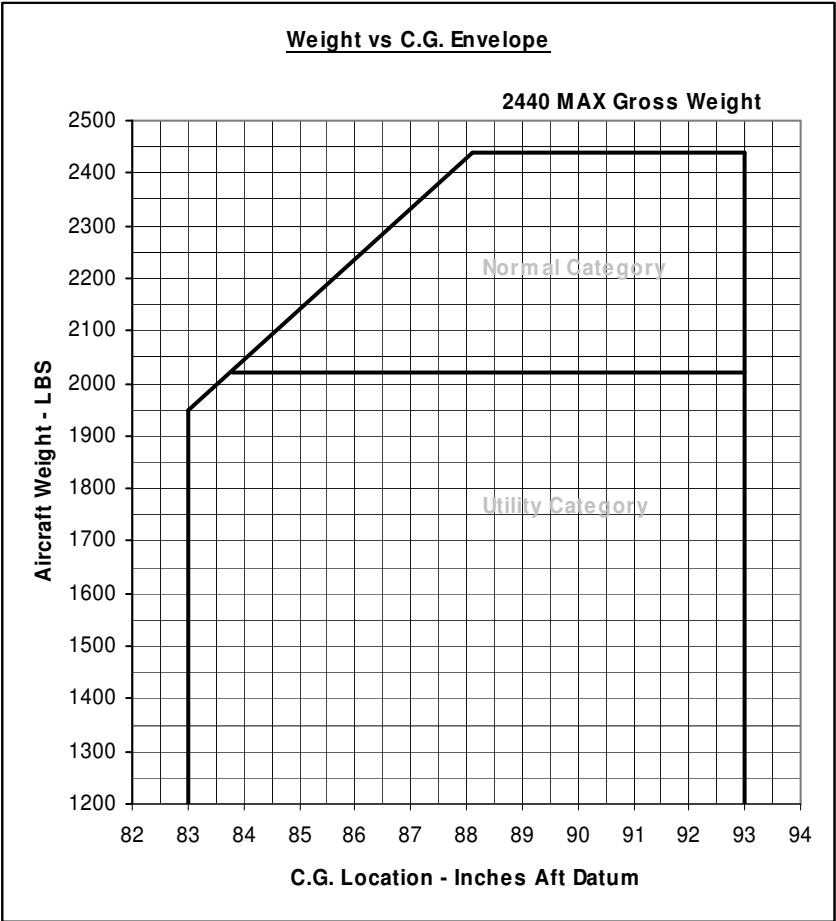


**PA-28-161 Warrior III (G-WARO)**

Weight and Balance	Weight (lbs)	Arm Aft Datum (Inches)	Moment (Inches-lbs)
Basic Empty Weight G-WARO	1566.9	86.04	134817.286
Pilot and Front Passenger		80.50	
*Passengers (Rear Seats)		118.10	
*Baggage (200 lbs Max)		142.80	
Zero Fuel Weight			
Fuel ( 48 gal Max = 288 lbs)		95.00	
Takeoff Weight (2440 lbs Normal, 2020 lbs Utility Max)			

\*Utility Category Operation - No baggage or aft passengers allowed



	Kts (IAS)
Rotate	60 - 65
Normal climb	80
Best rate of climb (Vy)	79
Best angle of climb (Vx)	63
Base leg	75
Flapless / Glide	75
Powered with full flap	65
Shortfield with full flap	60
Best glide	73

V <sub>NE</sub>	160
V <sub>NO</sub>	126
V <sub>FE</sub>	103
V <sub>A</sub> (Max weight 2440 lbs)	111
V <sub>A</sub> (1531 lbs)	88
V <sub>S1</sub> (Stall flaps up)	50
V <sub>S0</sub> (Stall full flap)	44

Crosswind limit	17 Kts
Max baggage	200 lbs
Max RPM	2700 RPM
Max usable fuel	48 Gallons
Fuel capacity	50 Gallons
Main tank tabs level	16.8 Gallons
Gallons per hour (Cruise speed)	8 Gallons
Max weight – Normal	2440 lbs
Max weight – Utility	2020 lbs

**All pilots should consult the Aircraft Operators Handbook for the most correct figures and amendments.**