

# FRONT RANGE FLIGHT SCHOOL

N4847G	Quant-	Weight (lb)	Arm (In)	Moment (In-lbs)	CG
Basic Empty Weight		1467.3	40.16	58,926.77	
Pilot & Front Passenger			37.0		
Rear Passenger			73.0		
Fuel (50 gal max usable)			48.0		
Baggage Area A (150 lb max)			95.0		
Baggage Area B (50 lb max)			123.0		
Totals (on Ramp)					
CG on the Ramp					
Engine Start, Taxi & Runup	1.1	6.60	48.0		
Totals (on Takeoff)					
CG on Take-off					
Fuel Burn Rate (GPH)					
Estimated Time To Empty					
Estimated Fuel Used			48.0		
Totals (on Landing)					
CG on Landing					
<b>WEIGHTS</b>					
Maximum Ramp weight (lbs)					
Maximum Takeoff weight (lbs)					
Maximum Landing weight (lbs)					
Maximum Ramp Weight- Usable Fuel					
Maximum Fuel Capacity					
Maximum Usable Fuel					
Total Unusable Fuel					
How much more weight (lbs) can be added?					
How much more fuel (gal) can be added?					

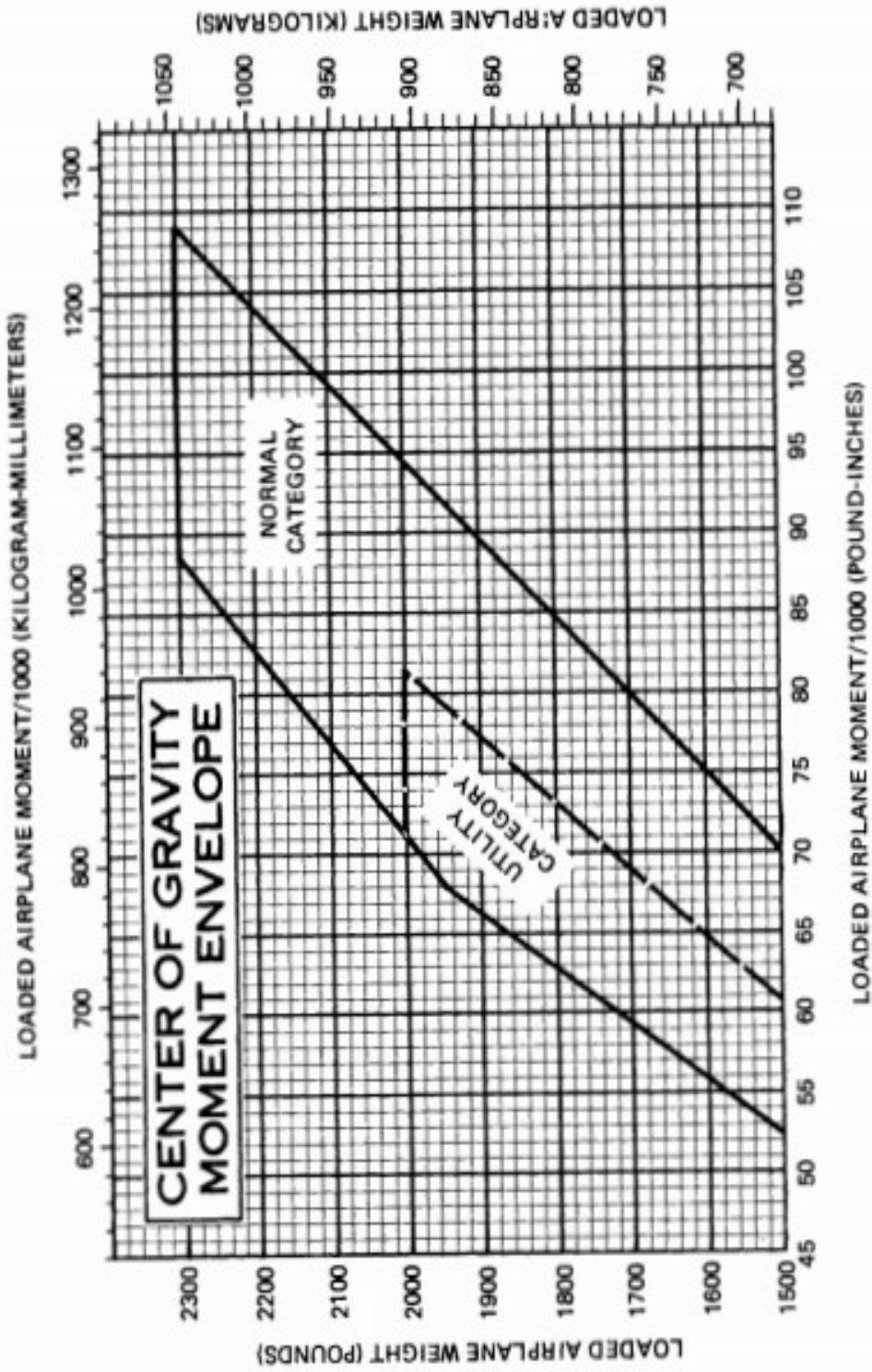


Figure 6-7. Center of Gravity Moment Envelope

