

FRONT RANGE FLIGHT SCHOOL

N739SC	Quant-	Weight (lb)	Arm (In)	Moment (In-lbs)	CG
Basic Empty Weight		1455.41	39.26	57,145	
Pilot & Front Passenger			37		
Rear Passenger			73		
Fuel			48		
Baggage Area A			95		
Baggage Area B			123		
Totals (on Ramp)					
CG on the Ramp					
Engine Start, Taxi & Runup	1.1	6.60	48.0	-316.80	
Totals (on Takeoff)					
CG on Take-off					
Fuel Burn Rate (GPH)	8				
Estimated Time To Empty					
Estimated Fuel Used			48.0		
Totals (on Landing)					
CG on Landing					
WEIGHTS					
Maximum Gross weight (lbs)					
Maximum Takeoff weight (lbs)					
Maximum Landing weight (lbs)					
Maximum Ramp Weight- Usable Fuel					
Maximum Fuel Capacity					
43					
Maximum Usable Fuel					
40					
Total Unusable Fuel					
3					
How much more weight (lbs) can be added?					
How much more fuel (gal) can be added?					

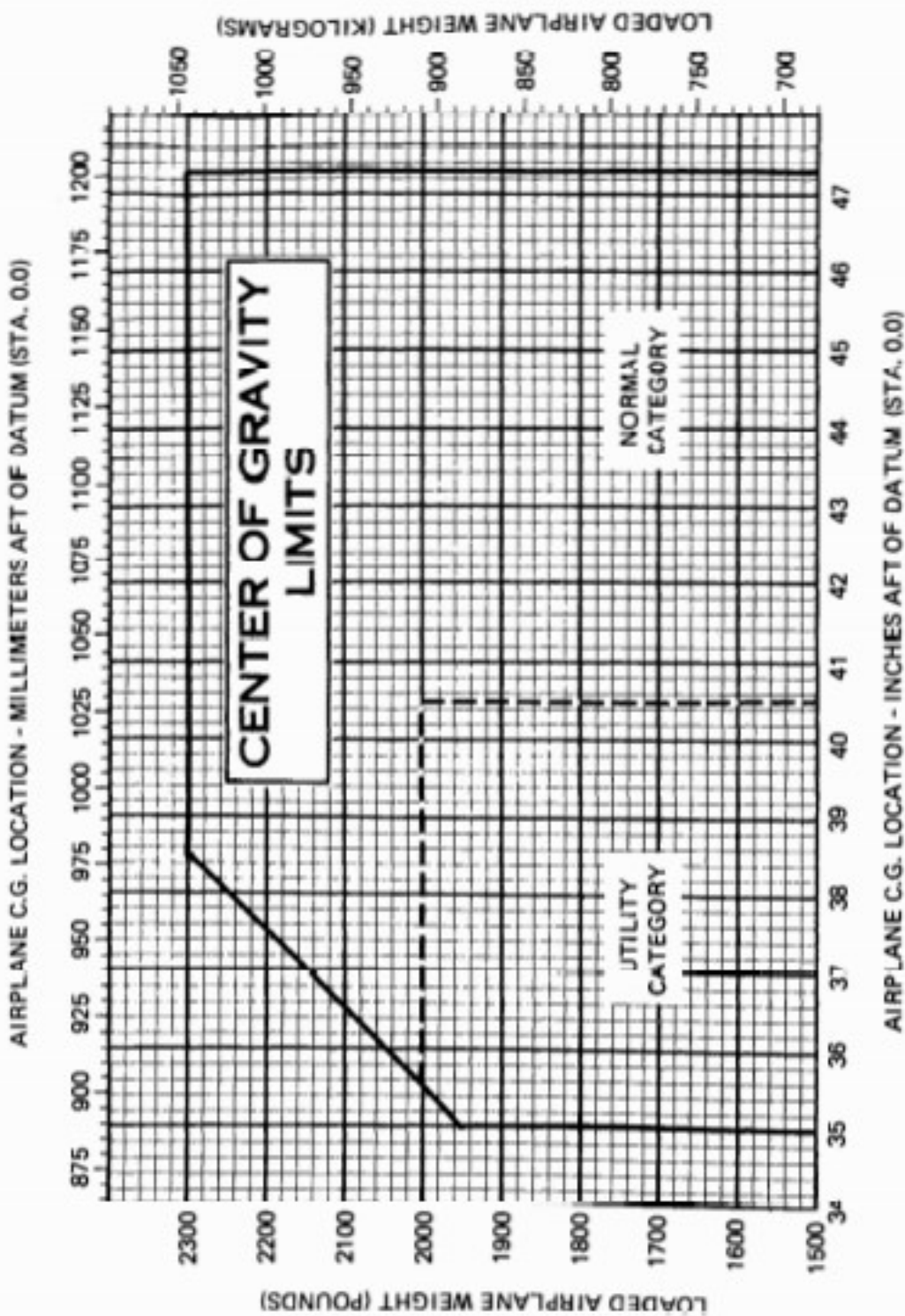


Figure 6-8. Center of Gravity Limits