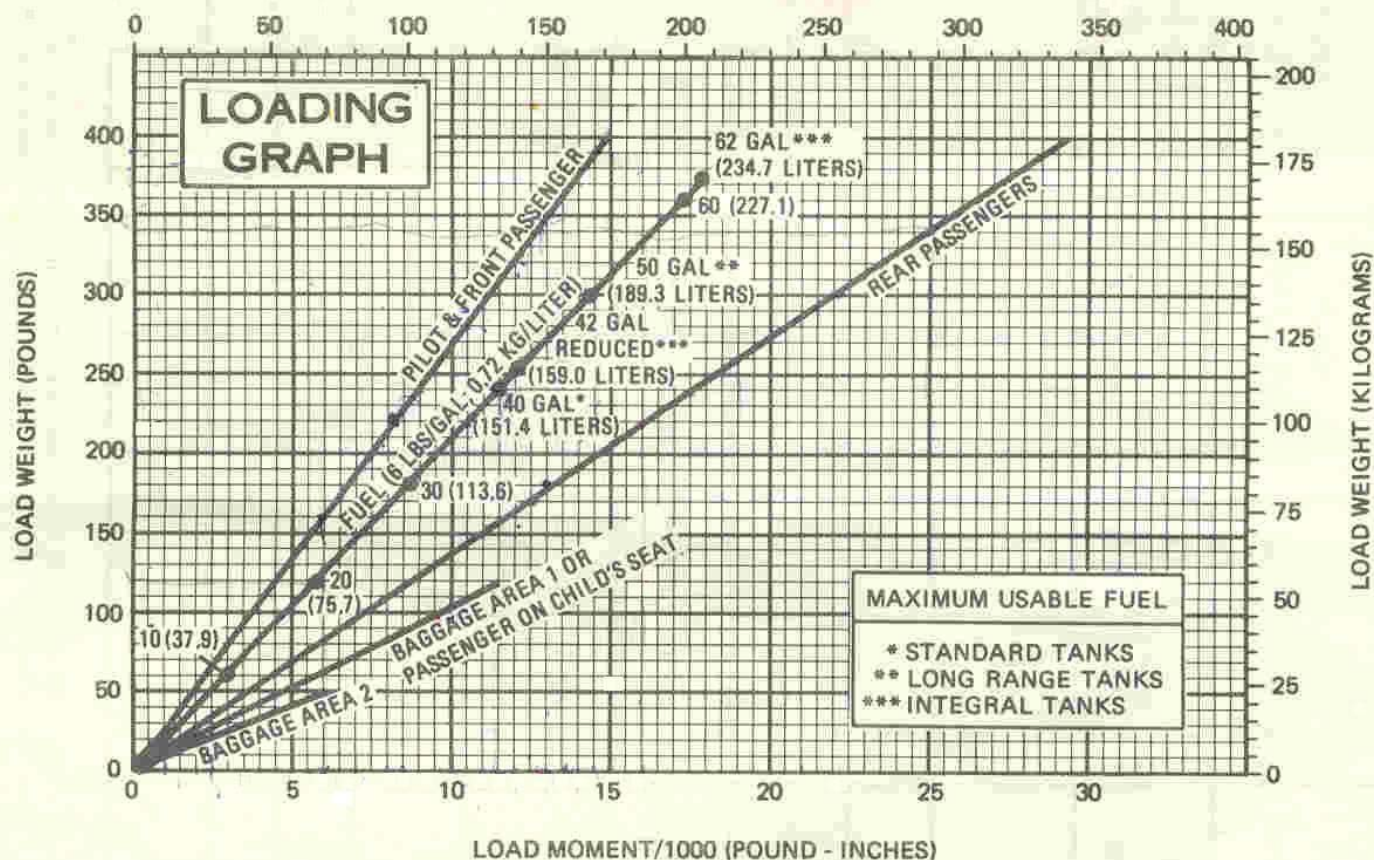


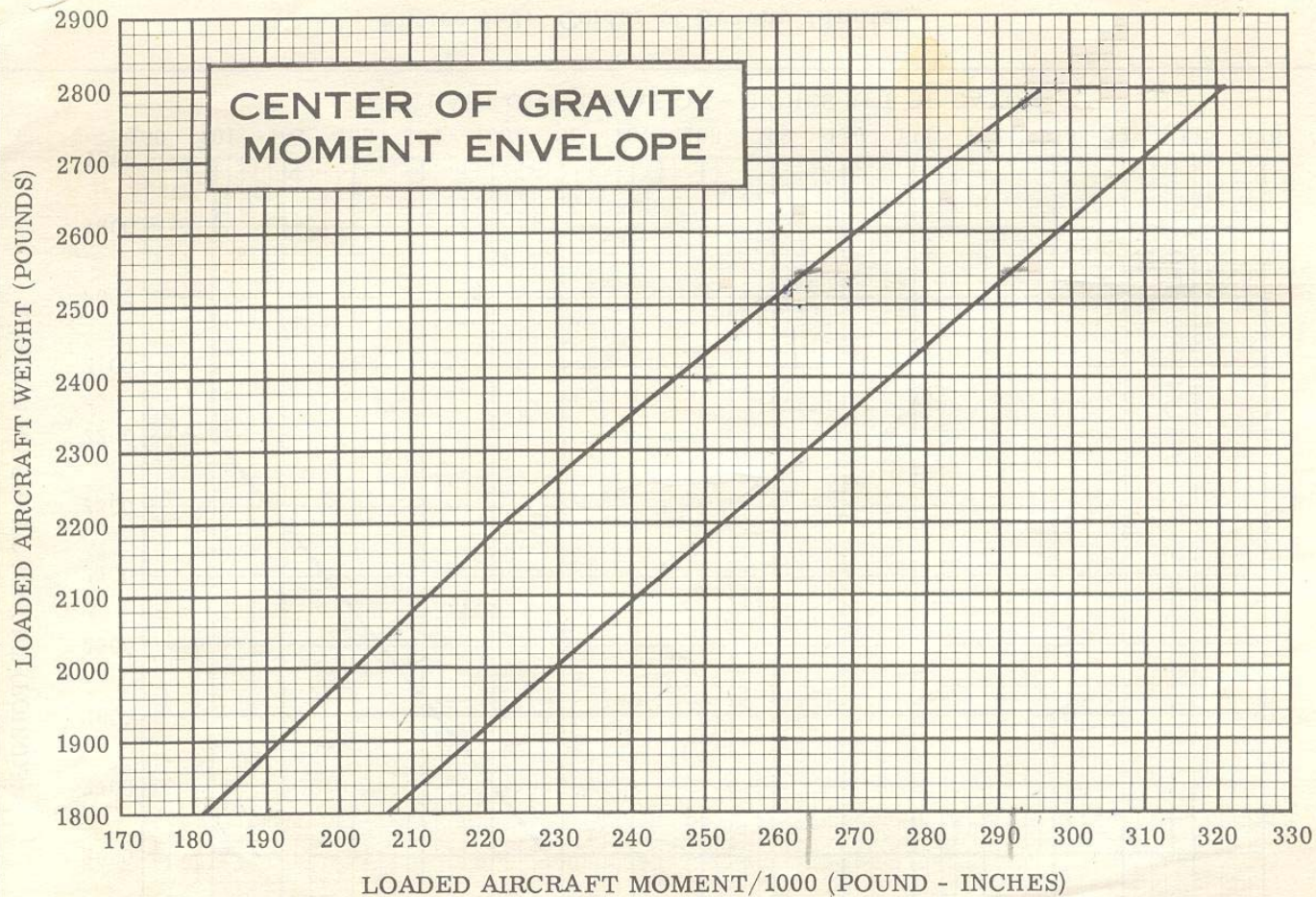
SAMPLE LOADING PROBLEM

	SAMPLE AIRPLANE		YOUR AIRPLANE	
	Weight (lbs.)	Moment (lb.-ins. /1000)	Weight (lbs.)	Moment (lb.-ins. /1000)
1. Basic Empty Weight (Use the data pertaining to your airplane as it is presently equipped. Includes unusable fuel and full oil)	1774	184.5	1831.0	188.4
2. Usable Fuel (At 6 Lbs./Gal.)				
Standard Tanks (60 Gal. Maximum)				
Reduced Fuel (43 Gal.)	258	28.7		
3. Pilot and Front Passenger (Station 90 to 97)	340	32.0		
4. Rear Passengers	340	45.6		
5. Baggage-Area A (on and forward of wheel well) - Sta. 145 to 172				
6. Baggage-Area B (aft of wheel well) and Hatshelf - Sta. 172 to 195	88	15.8		
7. TOTAL WEIGHT AND MOMENT	2800	306.6		
8. Locate this point (2800 at 306.6) on the Center of Gravity Moment Envelope, and since this point falls within the envelope, the loading is acceptable.				

LOAD MOMENT/1000 (KILOGRAM-MILLIMETERS)



NOTE: Line representing adjustable seats shows the pilot or passenger center of gravity on adjustable seats positioned for an average occupant. Refer to the Loading Arrangements diagram for forward and aft limits of occupant C.G. range.



CENTER OF GRAVITY LIMITS

