

N737LM

Weight & Balance

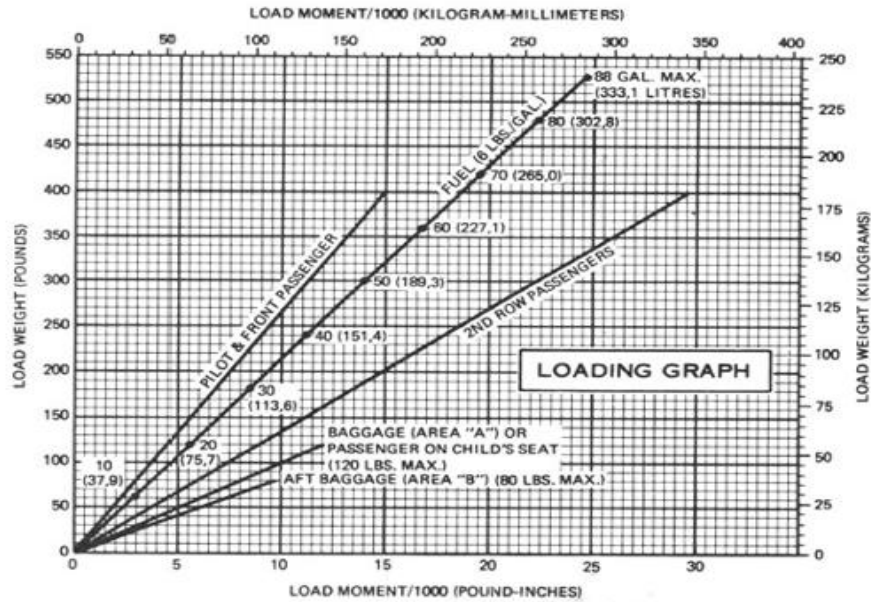
	SAMPLE AIRPLANE		N737LM	
	WEIGHT (LBS)	MOMENT (LBS-IN) / 1000	WEIGHT (LBS)	MOMENT (LBS-IN) / 1000
1 BASIC EMPTY WEIGHT (Use the data pertaining to your airplane as it is presently equipped. Includes unusable fuel and full oil)	1850.0	62.0	1949.1	69.4
2 USEABLE FUEL Standard Tanks (88 Gal. Usable) Reduced Fuel (65 Gal. Usable)	390.0	18.1		
3 PILOT & FRONT PASSENGER (station 32 to 50)	340.0	12.6		
4 REAR PASSENGERS	340.0	25.2		
5 BAGGAGE (AREA "A") OR PASSENGER ON CHILD'S SEAT (station 82 to 108) 120 lbs max	120.0	11.6		
6 BAGGAGE - AFT (AREA "B") AND HATSHELF (station 110 to 134) 80 lbs max	72.0	8.7		
7 RAMP WEIGHT AND MOMENT (Note 1)	3112.0	138.2		
8 Fuel allance for engine start, taxi & runup	-12.0	-0.6	-12.0	-0.6
9 TAKEOFF WEIGHT AND MOMENT (Moment ÷ Weight x 1000)	3100.0	137.6		

Note 1 - Locate this point (3100.0 at 137.6) on the Center of Gravity Moment Envelope, and since this point falls within the envelope, the loading is acceptable.

1 October 1978

CESSNA
MODEL TR182

SECTION 6
WEIGHT & BALANCE/
EQUIPMENT LIST

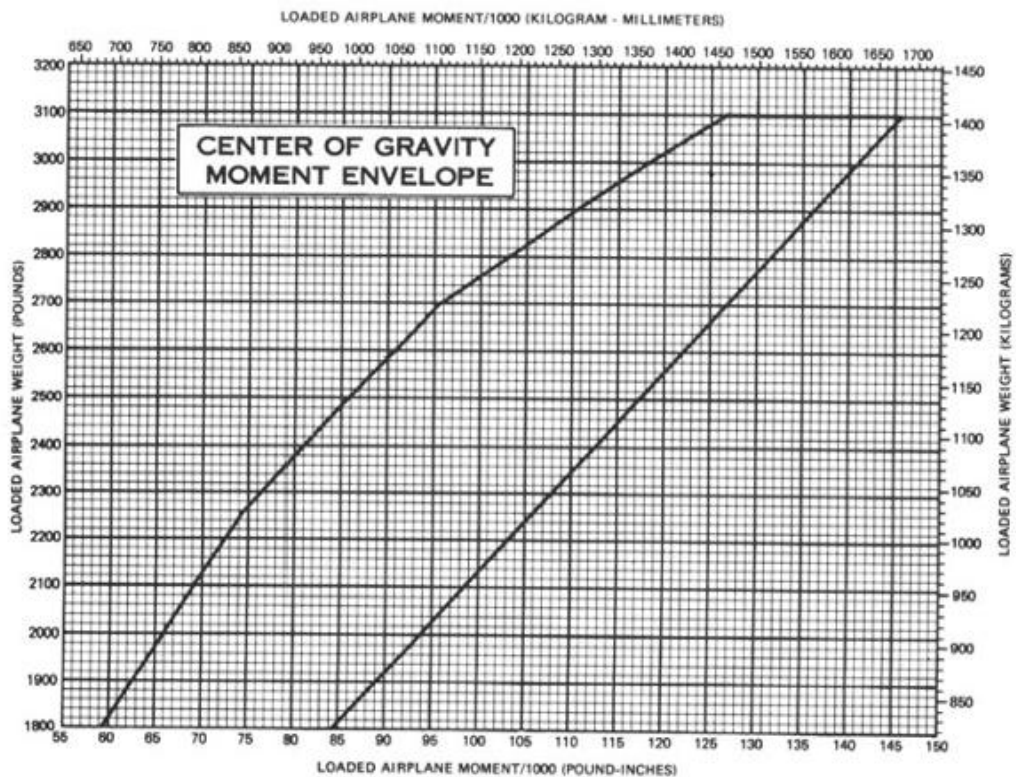


NOTES: Line representing adjustable seats shows pilot and front seat passenger center of gravity on adjustable seats positioned for an average occupant. Refer to the Loading Arrangements diagram for forward and aft limits of occupant C.G. range.

Figure 6-6. Loading Graph

6-11

6-12



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Figure 6-7. Center of Gravity Moment Envelope

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LOADING ARRANGEMENTS

* Pilot or passenger center of gravity on adjustable seats positioned for average occupant. Numbers in parenthesis indicate forward and aft limits of occupant center of gravity range.

** Baggage area center of gravity.

NOTE: 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.

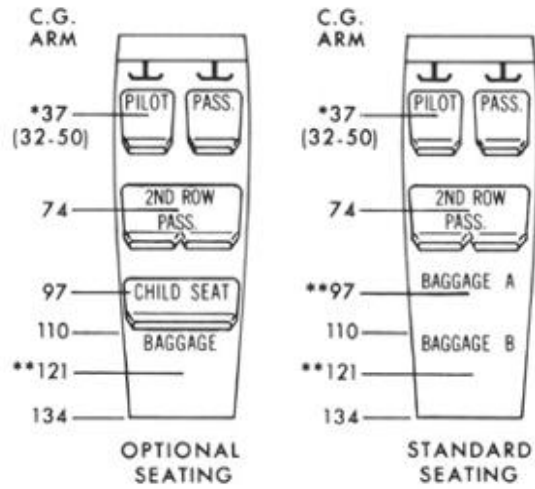


Figure 6-3. Loading Arrangements