

# Weight & Balance—N54165 Cessna—1981 172P

	Weight	X	Arm	=	Moment
Airplane Empty Weight	1494.5		38.8		57,986.3
Fuel (6#/gal)			48		
Front Seats			37		
Back Seats			73		
Baggage Area 1			95		
Baggage Area 2			123		
Totals					

## LOADING ARRANGEMENTS

\*Pilot or passenger center of gravity on adjustable seats positioned for average occupant. Numbers in parentheses indicate forward and aft limits of occupant center of gravity range.  
 \*\*Arm measured to the center of the areas shown.

- NOTES:
- The usable fuel C.G. arm for standard, long range and integral tanks is located at station 48.0.
  - The rear cabin wall (approximate station 108) or aft baggage wall (approximate station 142) can be used as convenient interior reference points for determining the location of baggage area fuselage stations.

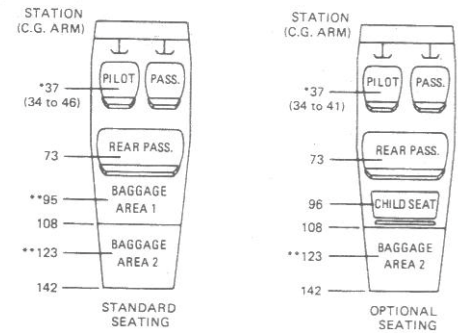
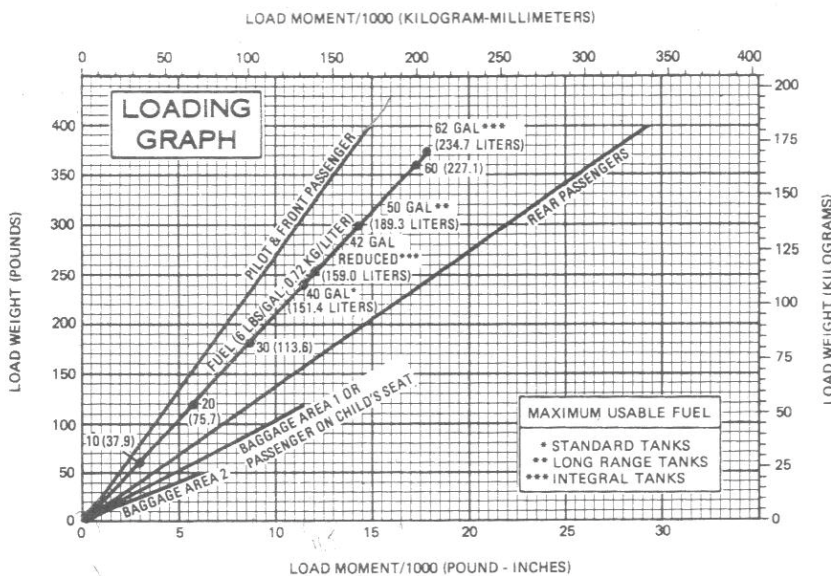


Figure 6-3. Loading Arrangements

**Max Gross Weight—2400#**  
**Full Fuel—40 gal. (240#)**



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.

Figure 6-6. Loading Graph

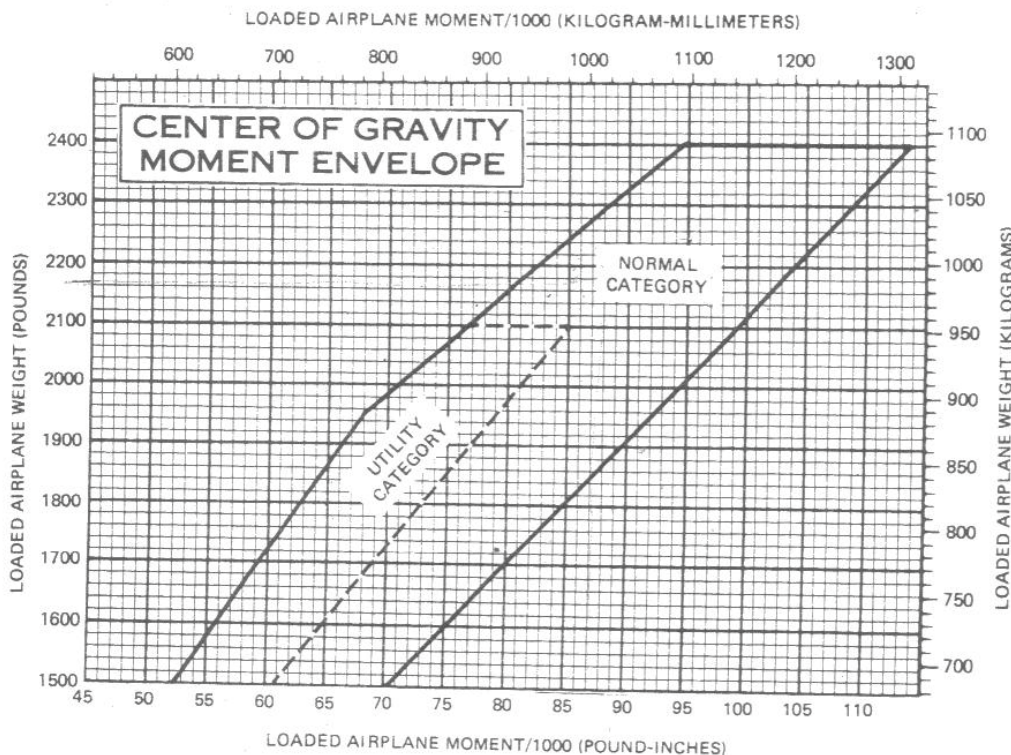


Figure 6-7. Center of Gravity Moment Envelope

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SECTION 6  
 WEIGHT & BALANCE/  
 EQUIPMENT LIST

CESSNA  
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SECTION 6  
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