

SAMPLE LOADING PROBLEM		SAMPLE AIRPLANE		YOUR AIRPLANE	
		Weight (lbs.)	Moment (lb. -ins. /1000)	Weight (lbs.)	Moment (lb. -ins. /1000)
1. Licensed Empty Weight (Sample Airplane) . . .	1364	51.7	1466	56.5	
2. Oil (8 qts. - The weight of full oil may be used for all calculations)	15	-0.2	15	-0.2	
3. Fuel (Standard - 38 Gal at 6#/Gal)	228	10.9			
Fuel (Long Range - 48 Gal at 6#/Gal)					
4. Pilot and Front Passenger (Station 34 to 46) . . .	340	12.6			
5. Rear Passengers	340	24.8			
6. Baggage (or Passenger on Child's Seat) (Station 82 to 108)	13	1.2			
7. TOTAL WEIGHT AND MOMENT	2300	101.0			
8. Locate this point (2300 at 101.0) on the center of gravity moment envelope, and since this point falls within the envelope, the loading is acceptable.					

Densité 100 LL 0,72	Densité Jet A1 0,81	Variation température/ altitude 2°C/1000 Ft	Variation de pression 28 Ft ou 8,5m pour 1 hPa
Livre angl. en kg Kg=(Lb/2)-1/10e	Kg en livre angl. Lb=(Kgx2)+1/5e	Gallon US en litre L=(USGx4)-5%	Litre en Gallon US USG=(L/4)+5%
Mètre en Pieds 1m=3,28Ft	Mille naut. en Kilomètre 1Nm=1,852Km	Fahrenheit en Celsius °C=(°F-32)/1,8	Ma conversion

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 area shown.

NOTE: The aft baggage wall (approximate station 108) can be used as a convenient interior reference point for determining the location of baggage area fuselage stations.

STATION (C.G. ARM)

STANDARD SEATING

STATION (C.G. ARM)

OPTIONAL SEATING

