

N9858G – 1971 Cessna 172L	Current 1/10/2013
Empty Weight	1374.2 lbs
Empty CG	38.32094 inches
Moment	52660.64 inch/lbs
Gross Weight	2300 lbs
Useful Load	925.8 lbs

(SEE W&B CHARTS BELOW FOR SAMPLE LOADING)

(Charts from POH C-172L)

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		
2. Oil (8 qts. - Full oil may be assumed for all flights)	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.				

Verified March, 2004



