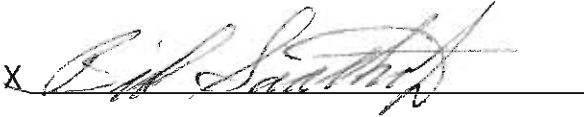


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Weight & Balance Revision Form

Make: Cessna	Model: 172N	Serial #: 17273981	
Reg. #: N63AM	Owner: Sierra Yankee Victor	Date: 01-Jan.-2013	
Maximum Ramp Weight: 2300.0 Lbs.	Weight	C. G. Arm	Moment
Aircraft as Received (Empty); Previous Weight & Balance Date: 29-May-2012	1550.6	38.88	60287.33
Removed All Paint and Primer	-25.0	38.88	-972.0
Installed Paint and Primer	+32.0	38.88	+1244.16
Revised Empty Weight, Empty C.G. Arm, and Empty Moment:	1557.6	38.88	60559.49
Revised Useful Load: 742.4			

This form supersedes computations found on WEIGHT AND BALANCE REVISION FORM dated 29-May-2012

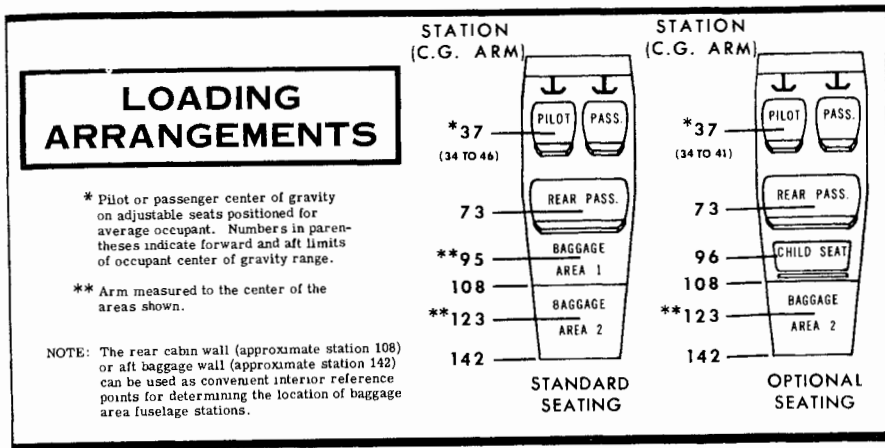
X 

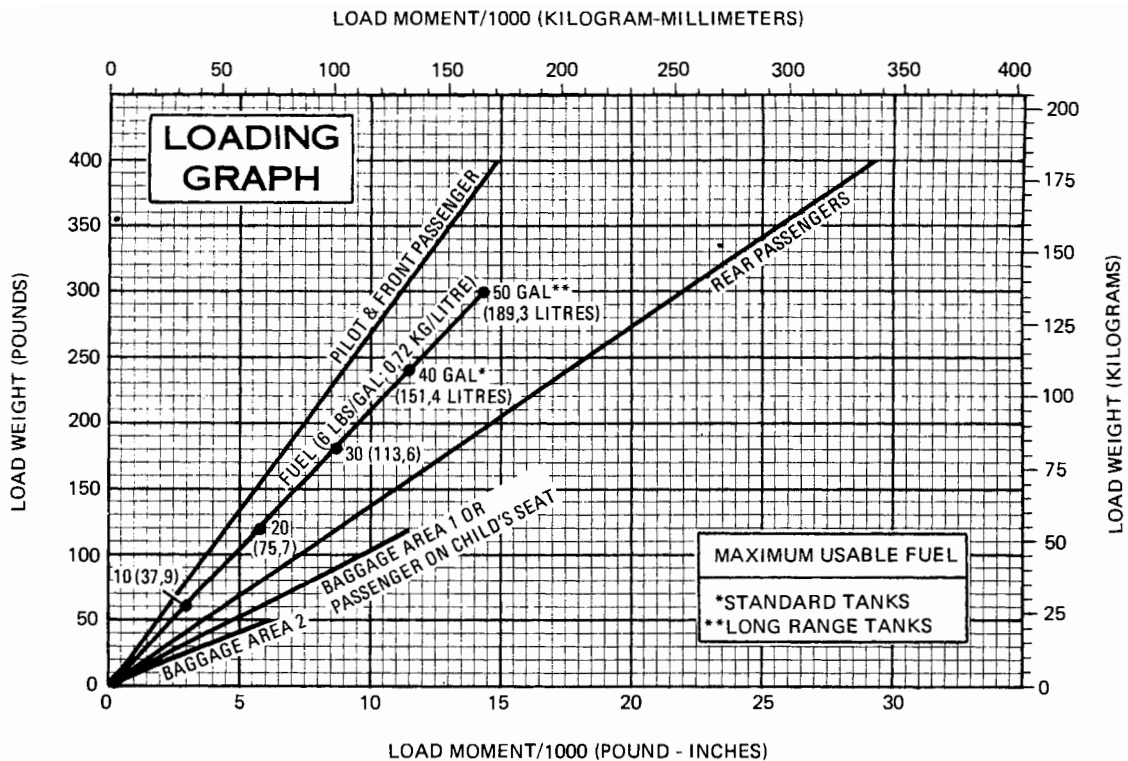
Bill Saathoff, A&P – IA
 Certificate: A&P 2708089 IA

Date: 01-01-2013

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)	1454	57.6	1557.6	60.6
2. Usable Fuel (At 6 Lbs./Gal.) [Station 48] Standard Tanks (40 Gal. Maximum)	240	11.5		
3. Pilot and Front Passenger (Station 34 to 46)	340	12.6		
4. Rear Passengers [Station 73].	170	12.4		
5. * Baggage Area 1 or Passenger on Child's Seat (Station 82 to 108) 120 Lbs. Max.	96	9.1		
6. * Baggage Area 2 (Station 108 to 142) 50 Lbs. Max				
7. TOTAL WEIGHT AND MOMENT	2300	103.2		
<p>8. Locate this point (2300 at 103.2) on the Center of Gravity Moment Envelope, and since this point falls within the envelope, the loading is acceptable.</p> <p style="text-align: center;">NOTE</p> <p>* The maximum allowable combined weight capacity for baggage areas 1 and 2 is 120 lbs.</p>				

Figure 6-5. Sample Loading Problem





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

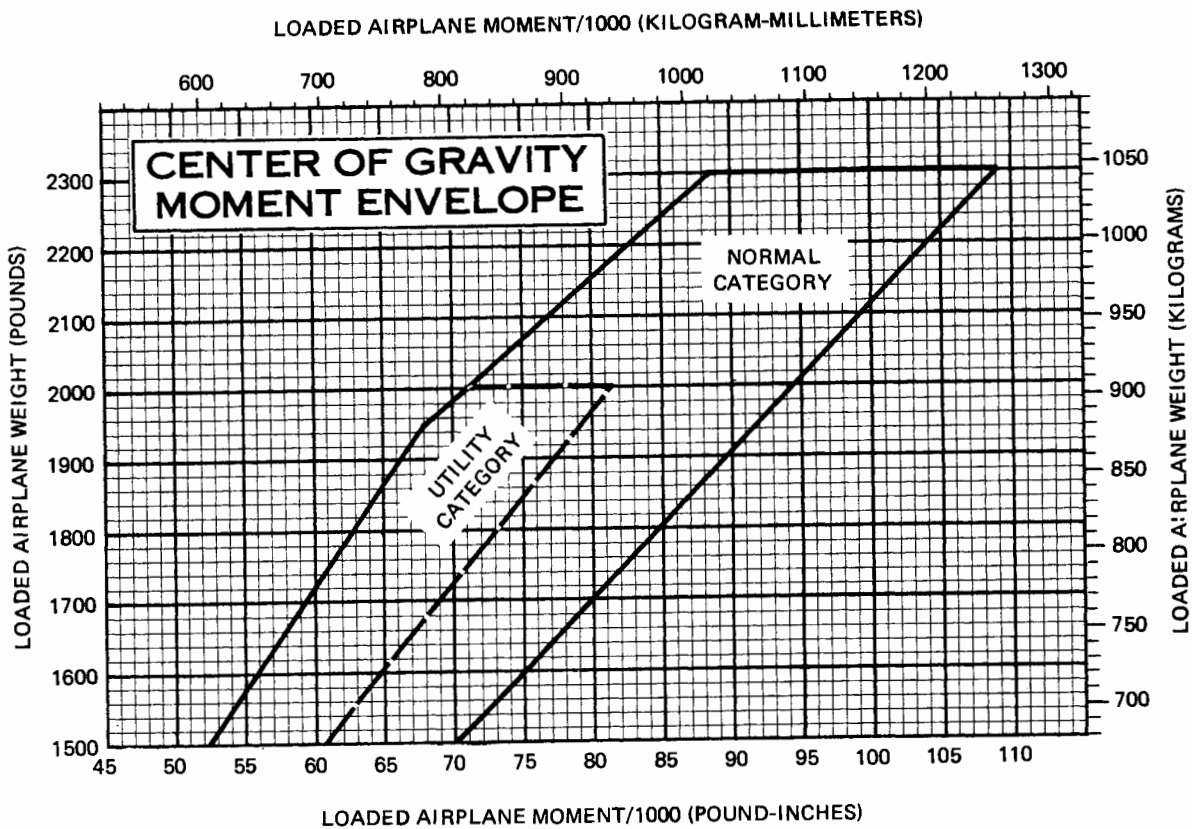


Figure 6-7. Center of Gravity Moment Envelope



Figure 6-8. Center of Gravity Limits