

1975 Cessna 172M

17265574

D/A: 06-11-13, Louisville, KY

max gross wt 2300

useful load = 851

Loaded Aircraft

	wt	arm	mom/1000	C.G.
empty wt	1449	39.3	56.8	
fuel	250	48.6	6.1	42 gallons
front seat # 1	180	37	6.7	
front seat # 2	160	37	5.9	
rear seat # 3	155	73	11.3	
rear seat # 4	168	73	12.3	
aft baggage	10	95.3	1.0	
Total Wt.	2372	42.16	100.0	42.2

PLOT DATA

Envelope		Actual Data			
mom/1000	wt	mom.	weight		
52.5	1500	100.0	2372	a	Loaded a/c
68	1950	93.9	2122.0	b	empty fuel
88.5	2300				
109	2300				
70	1500				

Note 1: Shaded areas require manual input

Note 2: A & b tags must be positioned manually

CENTER OF GRAVITY MOMENT ENVELOPE WORKSHEET

