

1978 Cessna 172N

S/N: 17270743, N739RK

D/A: 05/20/10, Wallkill, NY

max gross wt 2300

useful load = 811

Loaded Aircraft				
	wt	arm	mom/1000	C.G.
empty wt	1489	xxx	51.9	50 gallons
fuel	300	xxx	11.5	
front seat # 1	190	35.9	6.8	
front seat # 2	225	35.9	8.1	
rear seat # 3	170	70	11.9	
rear seat # 4	205	70	14.4	
aft baggage	0	95.3	0.0	
Total Wt.	2579	40.54	104.5	40.5

PLOT DATA				
Envelope		Actual Data		
mom/1000	wt			
52.5	1500	104.5	2579	a Loaded a/c
68	1950	93.0	2279.0	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

