

**N74SM WEIGHT AND BALANCE
DATA - 08/30/2000**

SAMPLE LOADING PROBLEM	WEIGHT LBS	ARM (CG)	MOMENT /1000
Basic empty weight including unusable fuel and full oil	1818.5	35.3	64.2
Usable fuel @ 6 lbs/gallon (88 gallons maximum)	528	46.4	24.5
Usable fuel @ 6 lbs/gallon (65 gallons - filled to tabs)	390	46.4	24.5
Pilot		12.6	
Front seat passenger		12.6	
Rear seat passenger		25.2	
Rear seat passenger		25.2	
Baggage area		8.7	2.57
RAMP WEIGHT & MOMENT			
Fuel allowance for engine start, taxi and runup	-10		-5
TAKEOFF WEIGHT AND MOMENT			
MAXIMUM ALLOWABLE WEIGHT AND MOMENT/1000	2950		143.5

**SECTION 6
WEIGHT & BALANCE/
EQUIPMENT LIST**

CESSNA
MODEL 182Q

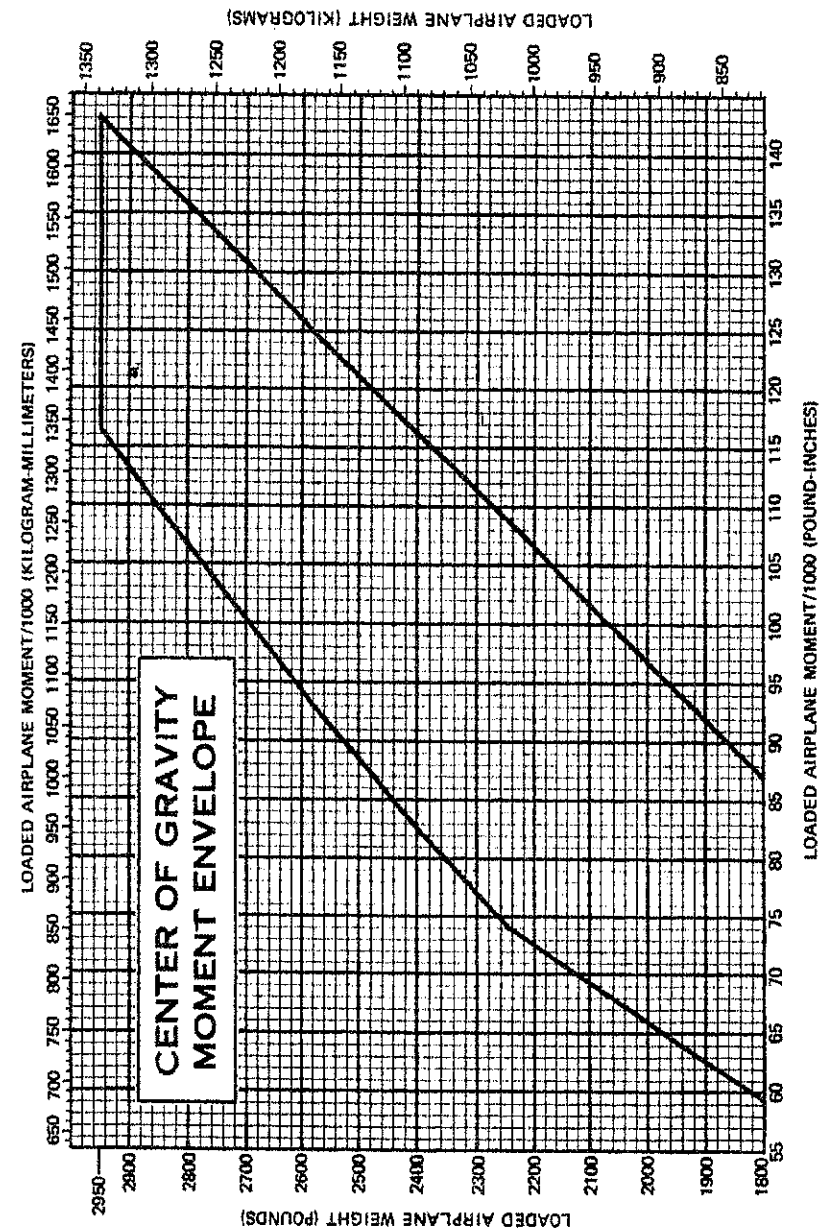


Figure 6-7. Center of Gravity Moment Envelope

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8/30/2000

WEIGHT AND BALANCE DATA AND/OR SUPPLEMENTAL EQUIPMENT LIST

AIRCRAFT							
MAKE	CESSNA	MODEL	182Q	S/N	182-67216	REG.	N74SM
		WEIGHT	ARM	MOMENT			
		LAST WT DATE:	4/06/1994	1836.29	35.11	64478.79	
		REMOVED					
1	EA	KING KMA-24 AUDIO	-1.70	14.00	-23.80		
1	EA	ARNAV STAR5000 GPS RECEIVER	-3.00	14.00	-42.00		
1	EA	COMANT CI-407 GPS ANTENNA	-0.50	45.00	-22.50		
1	EA	ICOM IC-28A FM RADIO	-3.30	14.00	-46.20		
1	EA	ICOM IC-M55 VHF RADIO	-4.00	14.00	-56.00		
1	EA	ASTRON 2412	-1.50	24.00	-36.00		
2	EA	TERRA C28-5 PWR CONVTR	-4.00	24.00	-96.00		
1	EA	MOTOROLA RADIO	-5.00	13.00	-65.00		
-1	EA	MICROTECH DC1208A	-2.00	3.50	-7.00		
		INSTALLED					
1	EA	PS ENG. PMA-7000MS-CAP AUD/ICS	1.70	14.00	23.80		
1	EA	UPS TECH GX-55 GPS RECEIVER	2.00	12.00	24.00		
1	EA	A-34 GPS ANTENNA	0.50	45.00	22.50		
1	EA	NAT NPX-138N VHF FM RADIO	3.00	14.00	42.00		

NEW EMPTY WT: 1818.49 lbs

NEW C.G. 35.28 inches

NEW MOMENT: 64196.59

NEW USEFUL LOAD: 1131.51 lbs

SIGNATURE: 