


PA-28-181	Serial Number	2843363	Registration Number	N4146L		Page Number
				Weight Change	Running Basic Empty Weight	
Date	Item No.	Description of Article or Modification	Added (+) Removed (-)	Wt. (Lb.)	Arm (In.)	Moment /100
6/27/00						1800.2
5/30/01		Stereo installation Multi CD (removable)	+	3.3	58.3	192.4
3/4/02		XPR2 Hoke's 1st.	+	5.0	82.0	410.0
12.8.08		Wingtips			88.3	159839
26.5.10		ELT	-	4.26	236.75	1009.55
26.5.10		ELT Kameel AF 26	+	3.0	236.45	710.25
12.7.10	249	Li-ion Schallbläser	+	1.76	3.3	5.8
						1800.2
						1808.5
						1810
						1808.7
						1810.5


  
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WEIGHT AND BALANCE RECORD

Figure 6-7

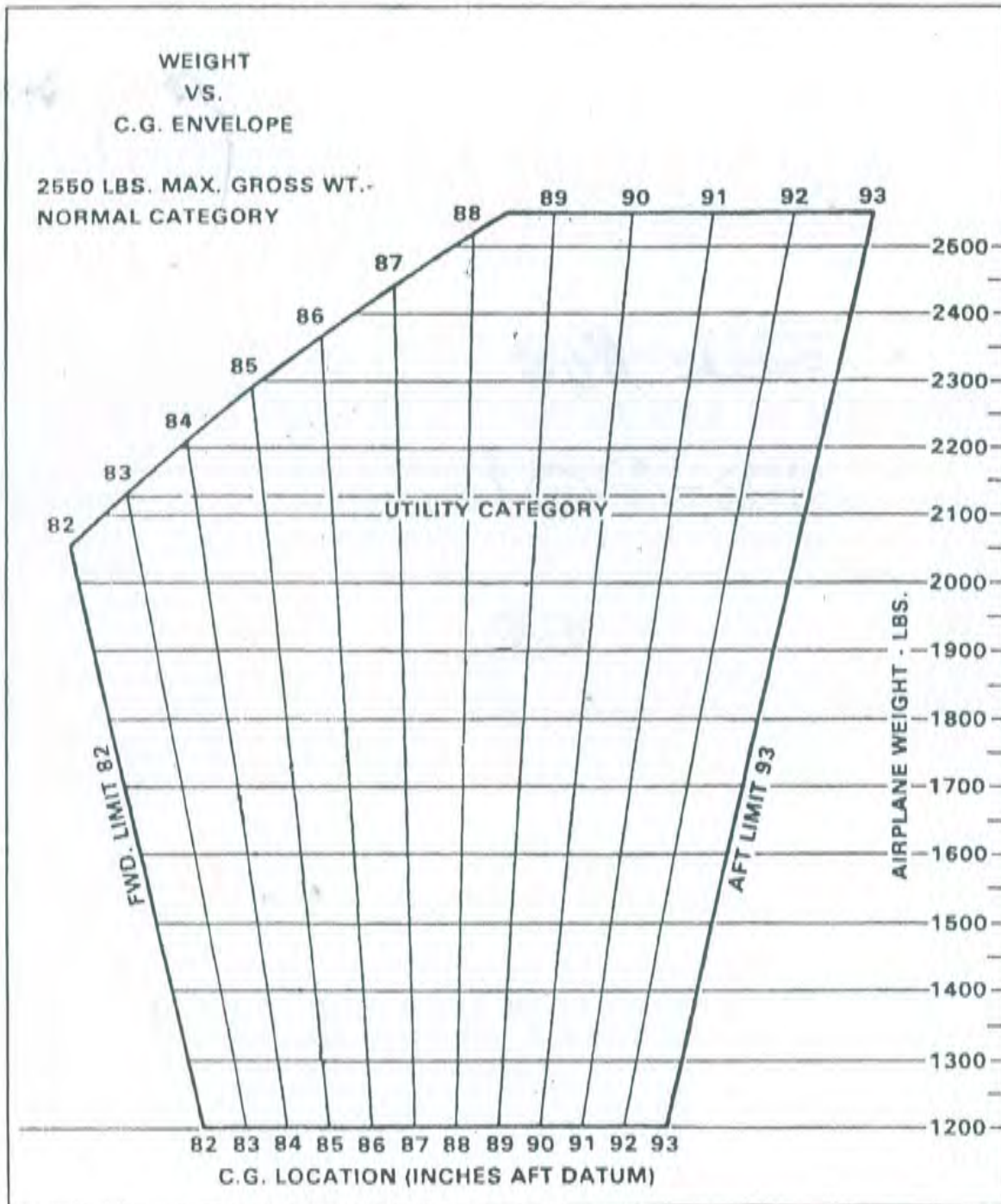
	Weight (Lbs)	Arm Aft Datum (Inches)	Moment (In-Lbs)
Basic Empty Weight			
Pilot and Front Passenger		80.5	
Passengers (Rear Seats)*		118.1	
Fuel (48 Gallon Maximum)		95.0	
Baggage (200 Lbs. Maximum)*		142.8	
Ramp Weight (2558 Lbs. Normal, 2138 Lbs. Utility Maximum)			
Fuel Allowance For Engine Start, Taxi and Run Up	-8	95.0	-760
Takeoff Weight (2550 Lbs. Normal, 2130 Lbs. Utility Maximum)			

Totals must be within approved weight and C.G. limits. It is the responsibility of the airplane owner and the pilot to insure that the airplane is loaded properly. The Basic Empty Weight C.G. is noted on the Weight and Balance Data Form (Figure 6-5). If the airplane has been altered, refer to the Weight and Balance Record for this information.

\*Utility Category Operation - No baggage or rear passengers allowed.

**WEIGHT AND BALANCE LOADING FORM**

Figure 6-11



**C.G. RANGE AND WEIGHT**

Figure 6-15