

**N828MC**  
TAS 120 Knots

Aircraft Type	PA-28-180
Empty Weight	1268.75 lbs.
Max Takeoff Weight	2400 lbs
Max Ramp Weight	2400 lbs
Useful Load	1131.25 lbs
Total Fuel (50 Gallons)	300 lbs
Useable Fuel (48 Gallons)	288 lbs
Fuel Burn	10 GPH

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	Arm	Moment
Aircraft	83.67	106155.33
Pilot / Front Passengers	85.5	
Rear Passengers	118.1	
Baggage	142.8	
Fuel	95.0	

Updated as of 07/06/2007

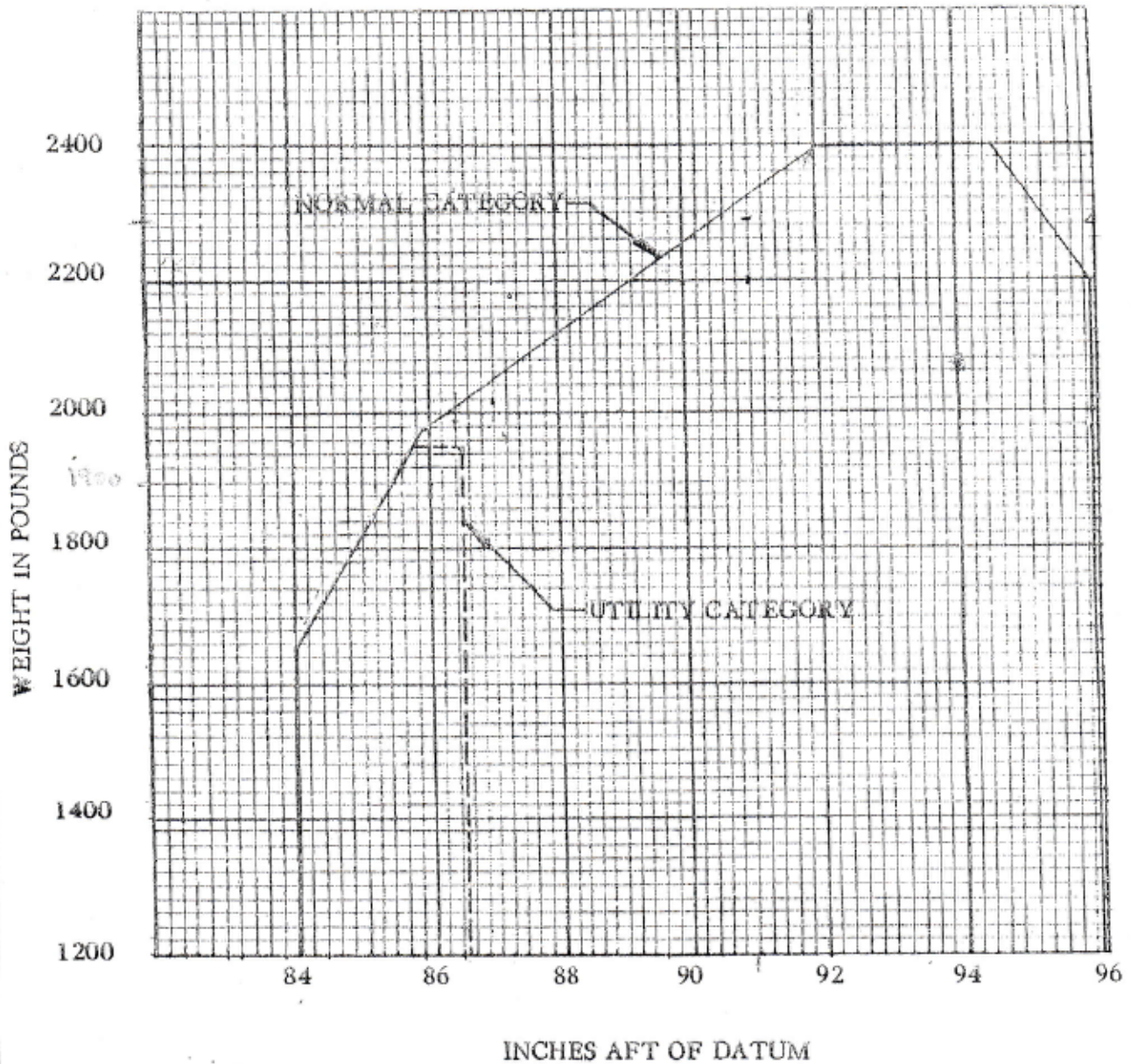
N828MC

FOR	STEER
N	002
045	045
E	093
135	139
S	183
225	225
W	271
315	317

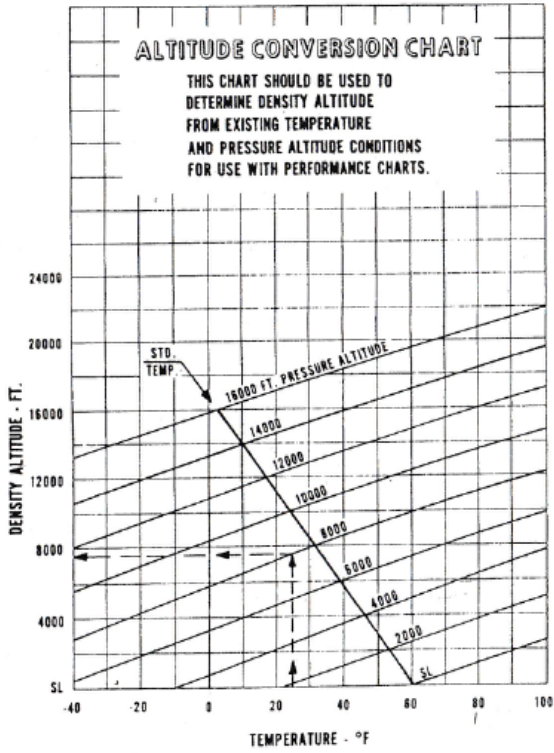
12/12/12

PREPARED	PIPER AIRCRAFT CORP. DEVELOPMENT CENTER, VERO BEACH, FLA.	Weight & Balance Data Model PA 28-180D
CHECKED		
APPROVED		PAGE 15 Section I

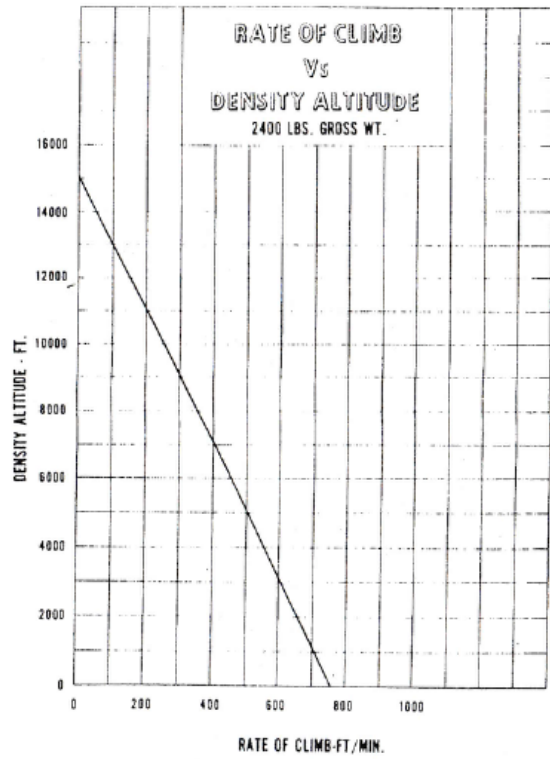
C. G. RANGE AND WEIGHT



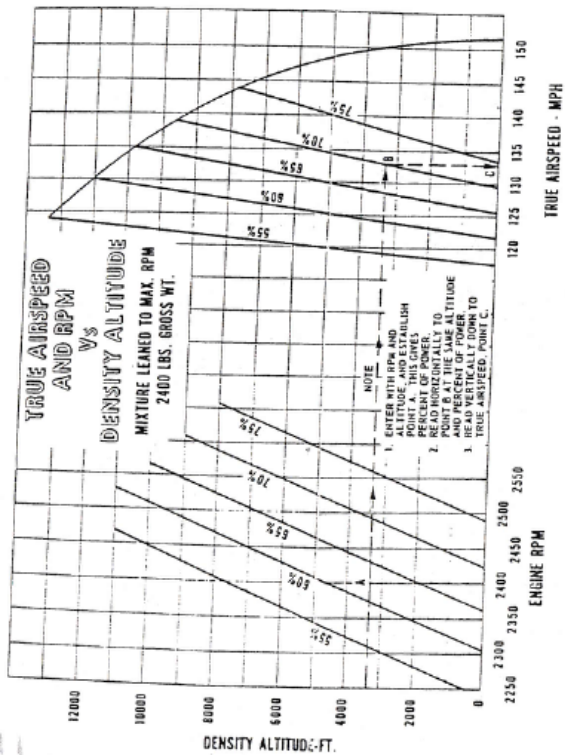
### PA-28-180 PIPER CHEROKEE



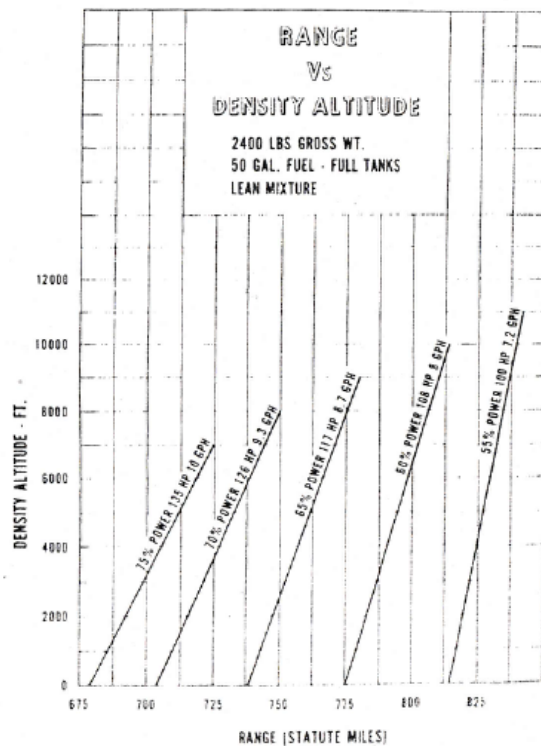
### PA-28-180 PIPER CHEROKEE



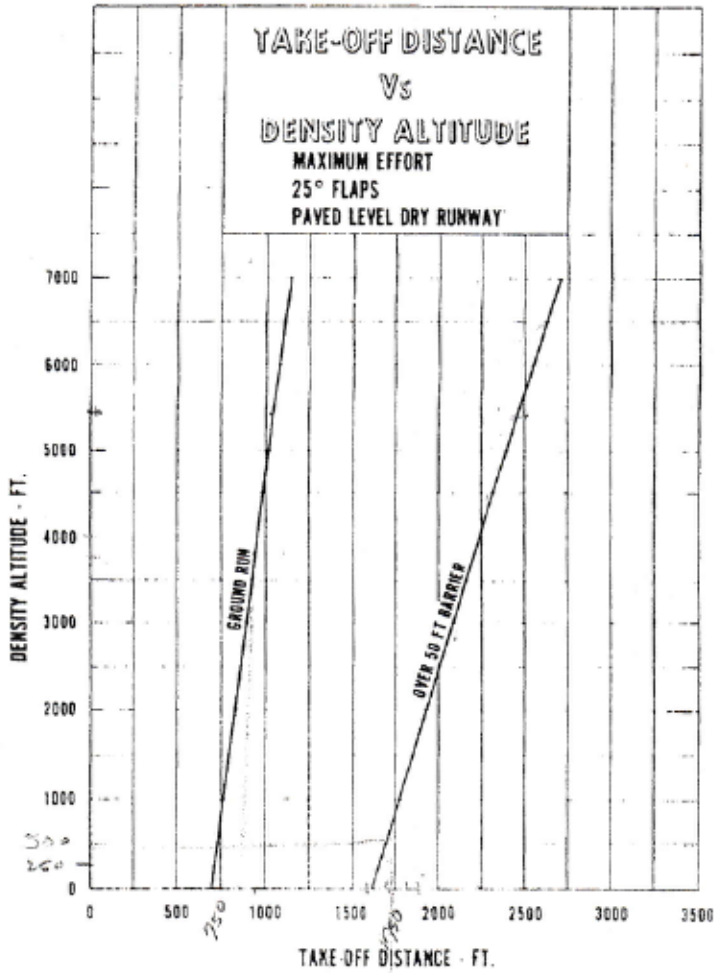
**PA-28-180  
PIPER CHEROKEE**



Fuel Flow **PA-28-180  
PIPER CHEROKEE**



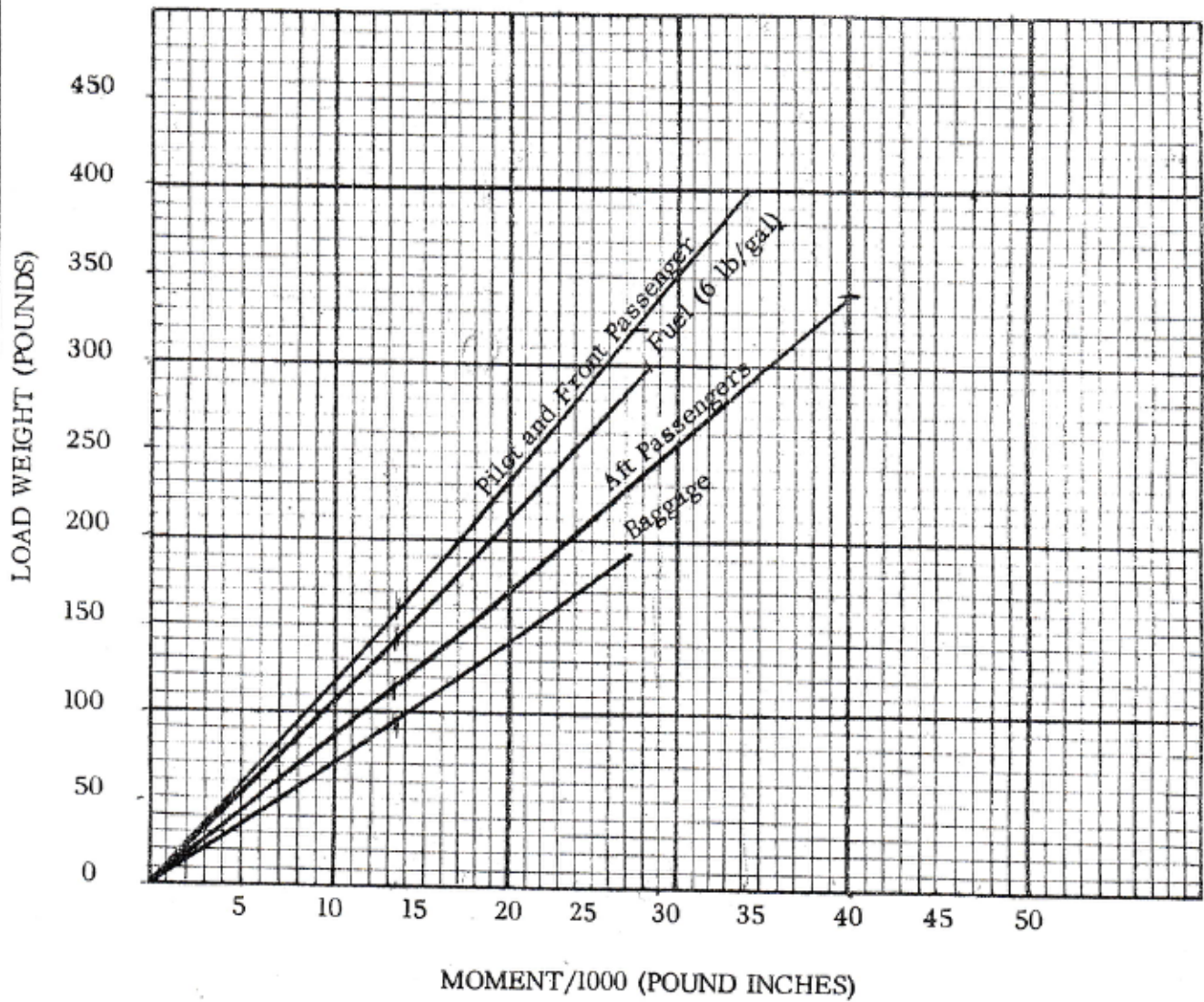
# PA-28-180 PIPER CHEROKEE



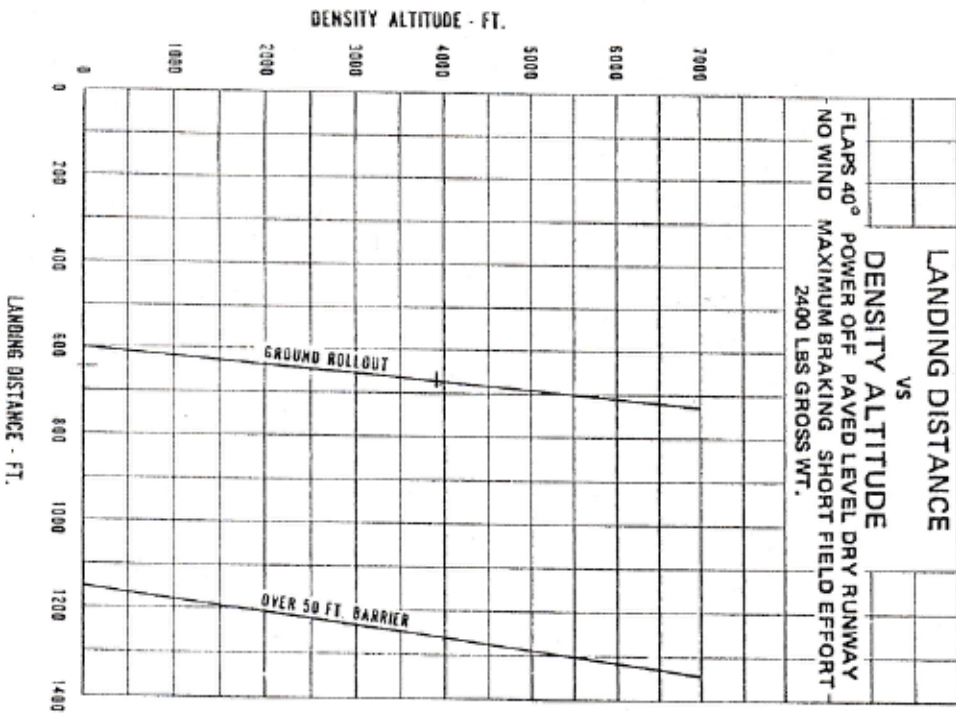
PREPARED	<b>PIPER AIRCRAFT CORP.</b> DEVELOPMENT CENTER, VERO BEACH, FLA.	Weight & Balance Data Model PA 28-180D
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### LOADING GRAPH



# PA-28-180 PIPER CHEROKEE



### Power Setting Table-Lycoming Model O-360 Series, 180 HP Engine

Press. Alt	Std Alt Temp °F	108 HP 60% Power RPM	117 HP 65% Power RPM	126 HP 70% Power RPM	135 HP 75% Power RPM	Press. Alt
SL	59	2290	2370	2440	2500	SL
1,000	55	2310	2390	2460	2520	1,000
2,000	52	2330	2410	2480	2540	2,000
3,000	48	2350	2430	2500	2560	3,000
4,000	45	2370	2450	2520	2580	4,000
5,000	41	2390	2470	2540	2600	5,000
6,000	38	2410	2490	2560	2620	6,000
7,000	34	2430	2510	2580	2640	7,000
8,000	31	2450	2530	2600	-	8,000
9,000	27	2470	2550	2620	-	9,000
10,000	23	2490	2570	-	-	10,000
11,000	19	2510	2590	-	-	11,000
12,000	16	2530	-	-	-	12,000