

N6594J
TAS 120 Knots

Aircraft Type	PA-28-180
Empty Weight	1366.50 lbs.
Max Takeoff Weight	2400 lbs
Max Ramp Weight	2400 lbs
Useful Load	1033.50 lbs
Total Fuel (50 Gallons)	300 lbs
Useable Fuel (48 Gallons)	288 lbs

	Arm	Moment
Aircraft	87.04	118940.16
Pilot / Front Passengers	85.5	
Rear Passengers	118.1	
Baggage	142.8	
Fuel	95.0	

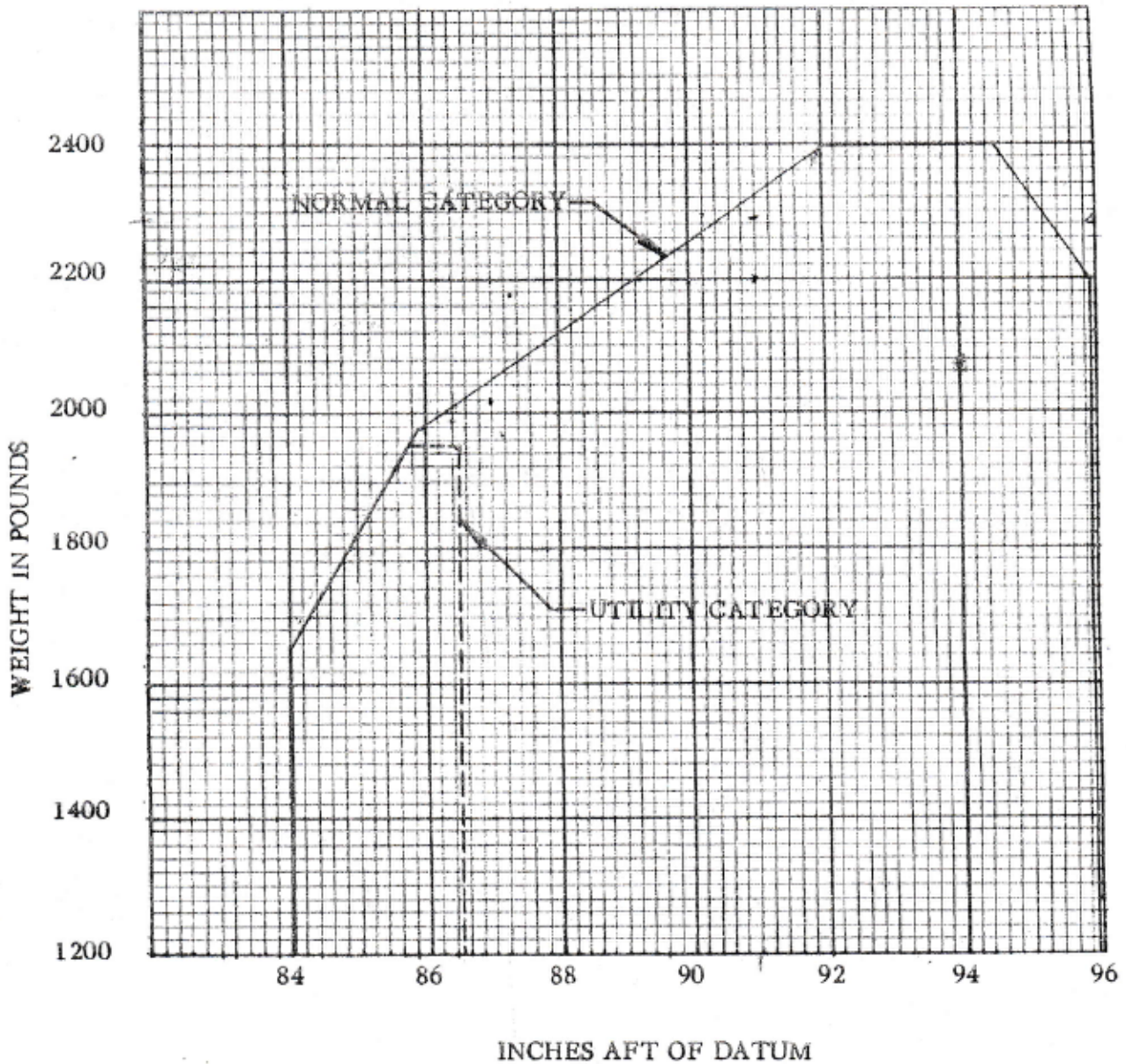
Updated as of 05/16/2006

For	N	30	60	E	120	150
Steer	002	031	060	089	122	154
For	S	210	240	W	300	330
Steer	185	217	249	279	307	334
DATE	1/5/2010			AIRPATH		

N6594J

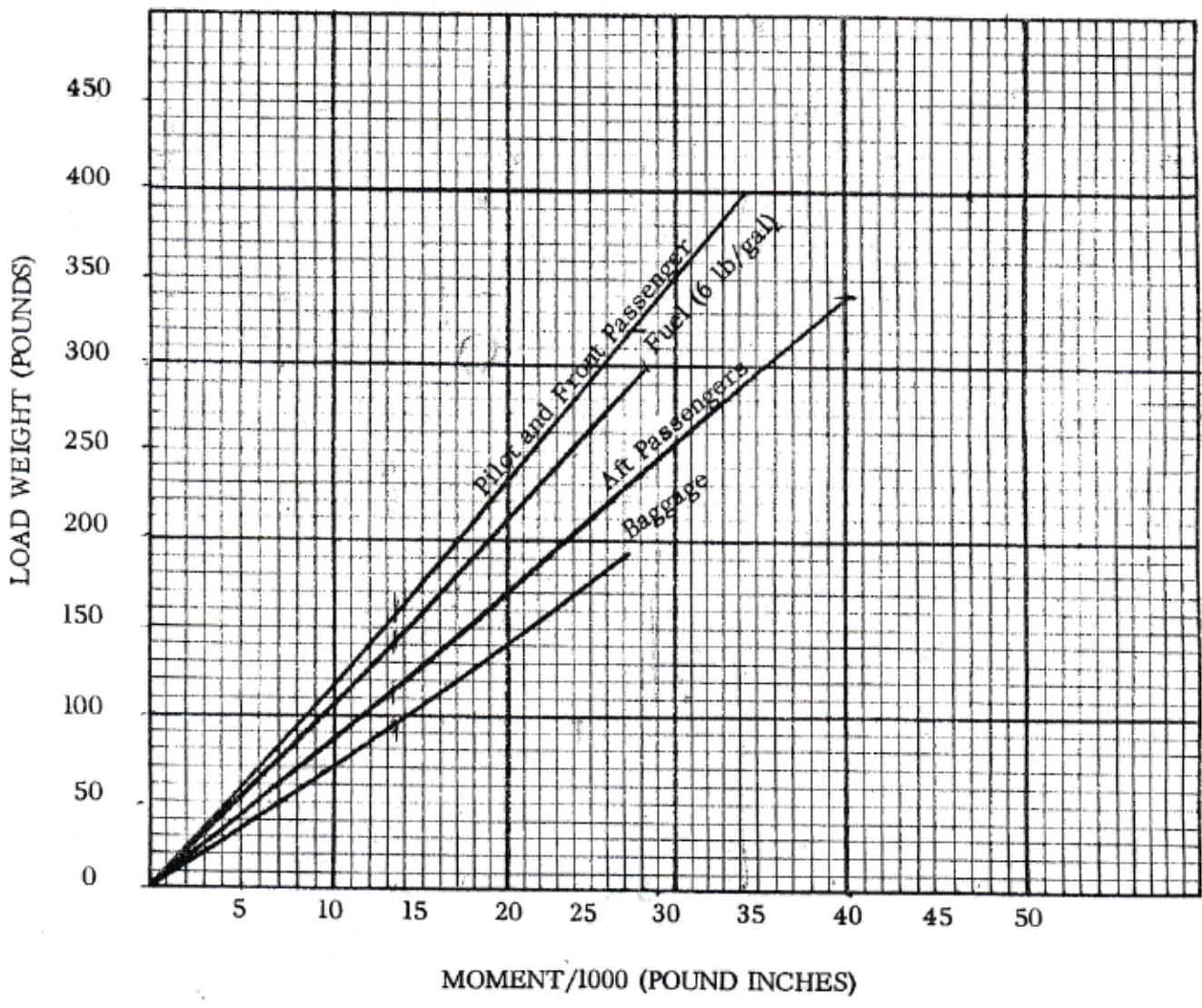
PREPARED	PIPER AIRCRAFT CORP. DEVELOPMENT CENTER, VERO BEACH, FLA.	Weight & Balance Data Model PA 28-180D
CHECKED		
APPROVED		PAGE 15 Section I

C. G. RANGE AND WEIGHT

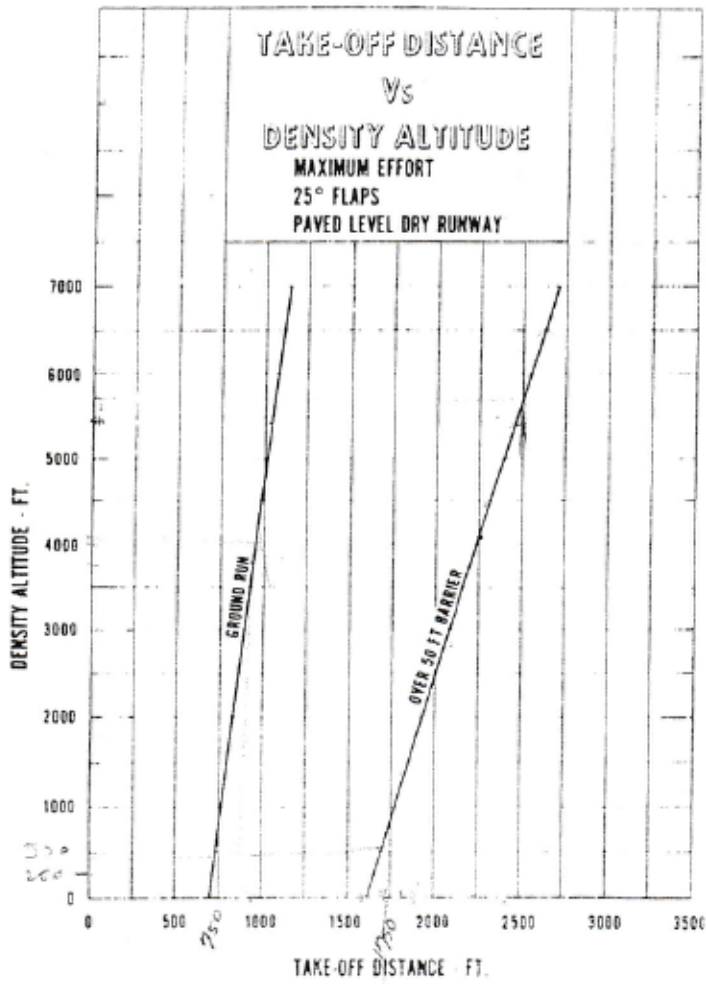


PREPARED	PIPER AIRCRAFT CORP. DEVELOPMENT CENTER, VERO BEACH, FLA.	Weight & Balance Data Model PA 28-180D
CHECKED		
APPROVED		PAGE 14 Section I

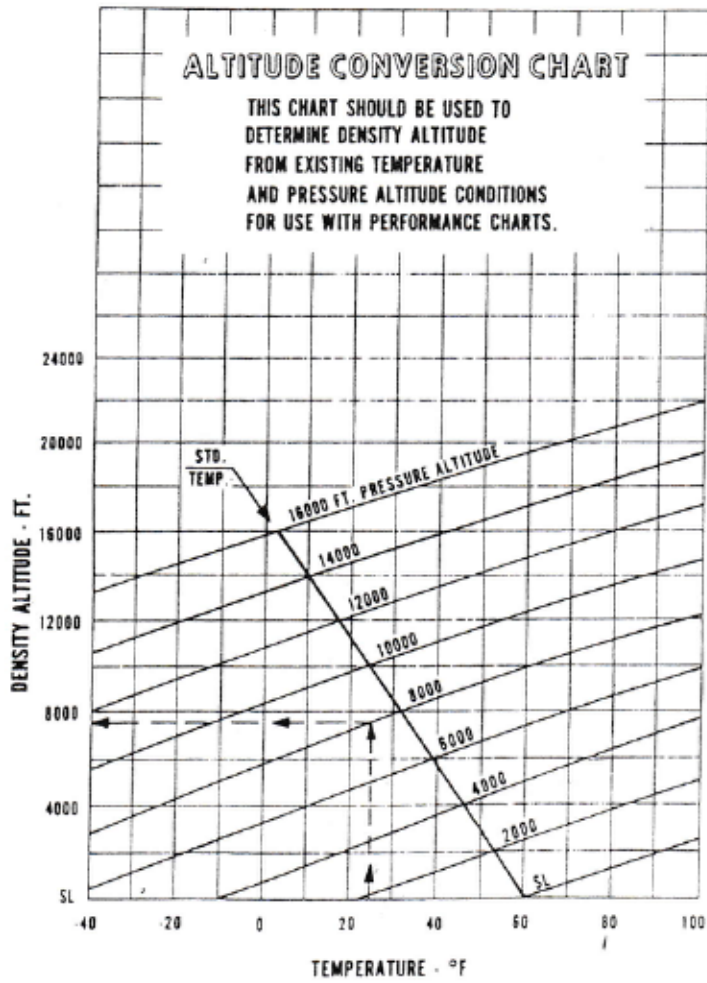
LOADING GRAPH



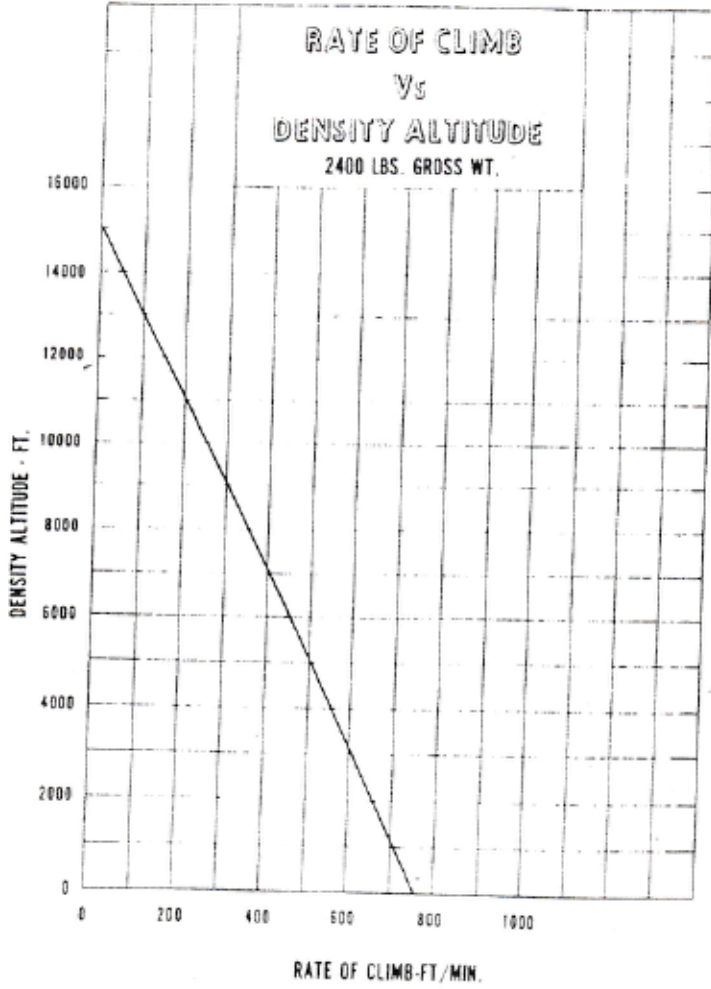
PA-28-180 PIPER CHEROKEE



PA-28-180 PIPER CHEROKEE

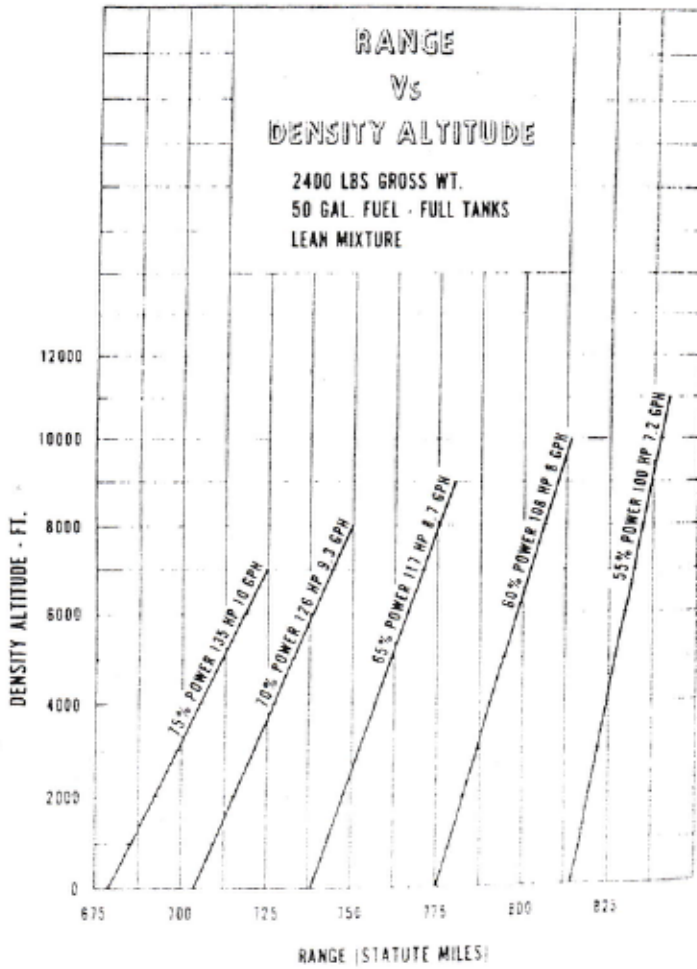


PA-28-180 PIPER CHEROKEE

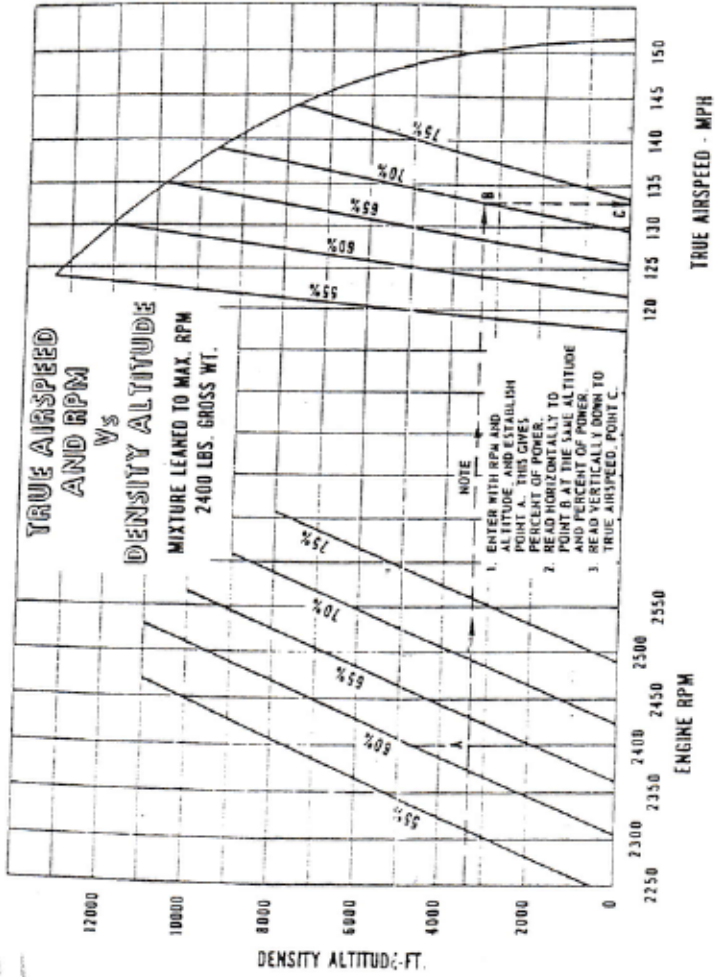


Fuel Flow

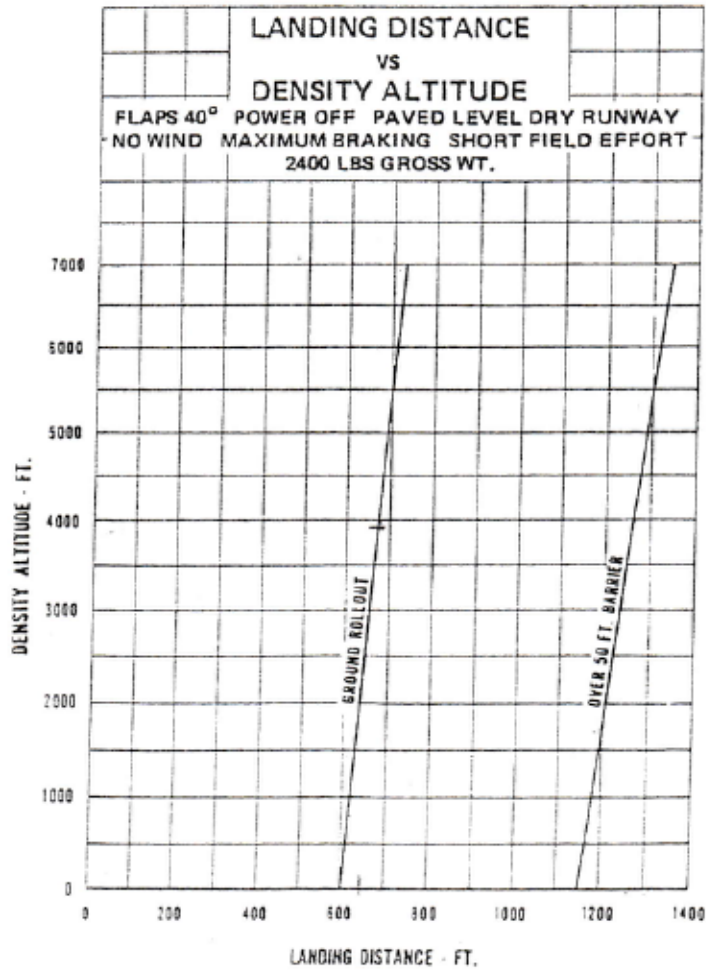
PA-28-180 PIPER CHEROKEE



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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

WEIGHT AND BALANCE REVISION

LUBBOCK AERO
6304 N. CEDAR AVE.
LUBBOCK, TX 79403

MAKE: PIPER
MODEL: PA28-180
SERIAL#: 28-5054
REGISTRATION: N6594J

EQUIPMENT CHANGE

Computing New C.G.			
Item, Make and Model *	Weight	Arm	Moment
Previous information from W&B dated	1365.00	87.10	118891.50
EQUIPMENT ADDED			
BOOM BEAM LANDING LIGHT STC SA02279AT	1.50	29.80	44.70
NEW TOTALS	1366.50	87.04	118936.20

* ITEM NUMBERS WHEN LISTED IN THE PERTINENT AIRCRAFT SPECIFICATION MAY BE USED IN LIEU OF "ITEM, MAKE, AND MODEL"

Gross Weight: 2400
New empty weight: 1366.50
New Center of gravity: 87.04
Moment: 118936.20
Useful load: 1033.5