

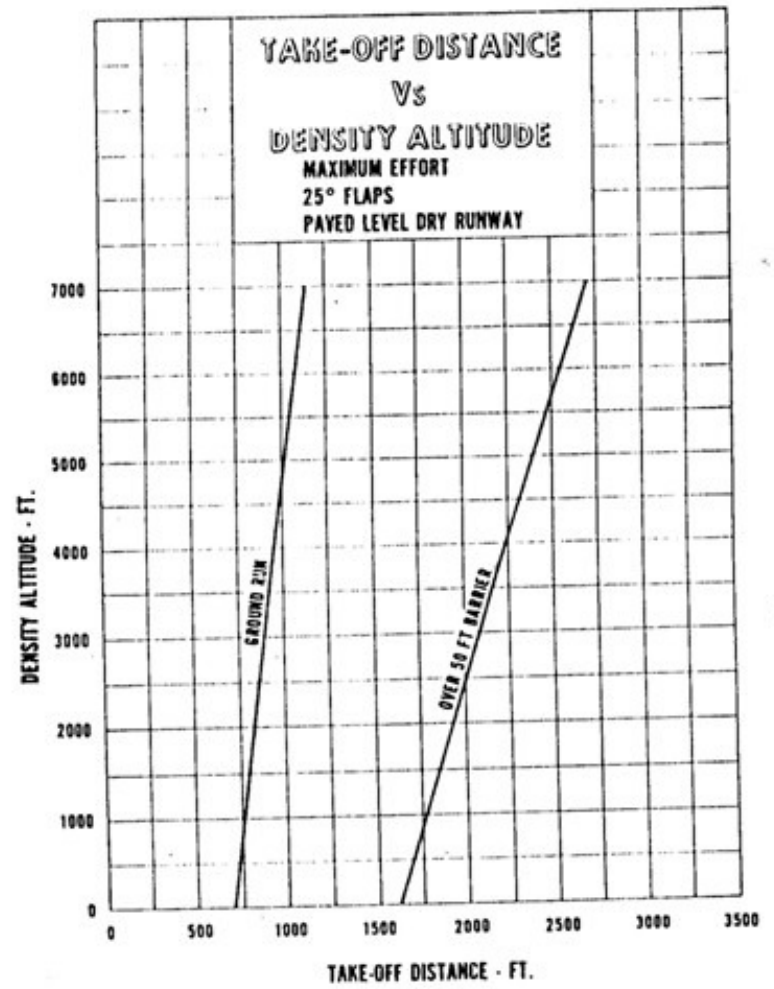
NOTES

SECTION V

PERFORMANCE CHARTS

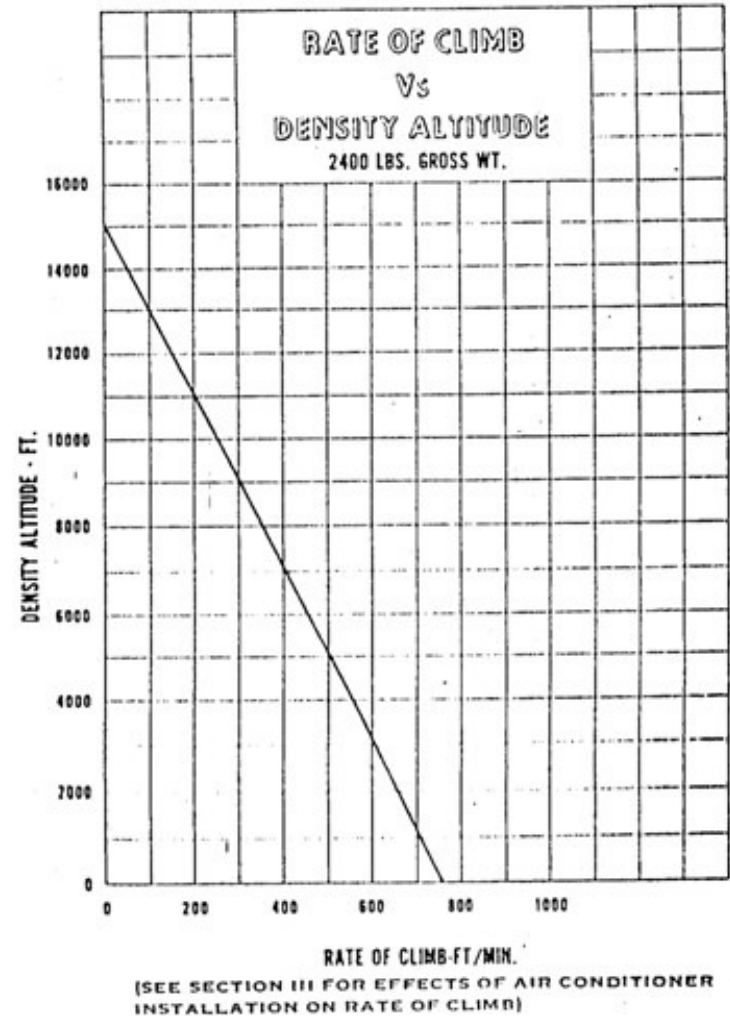
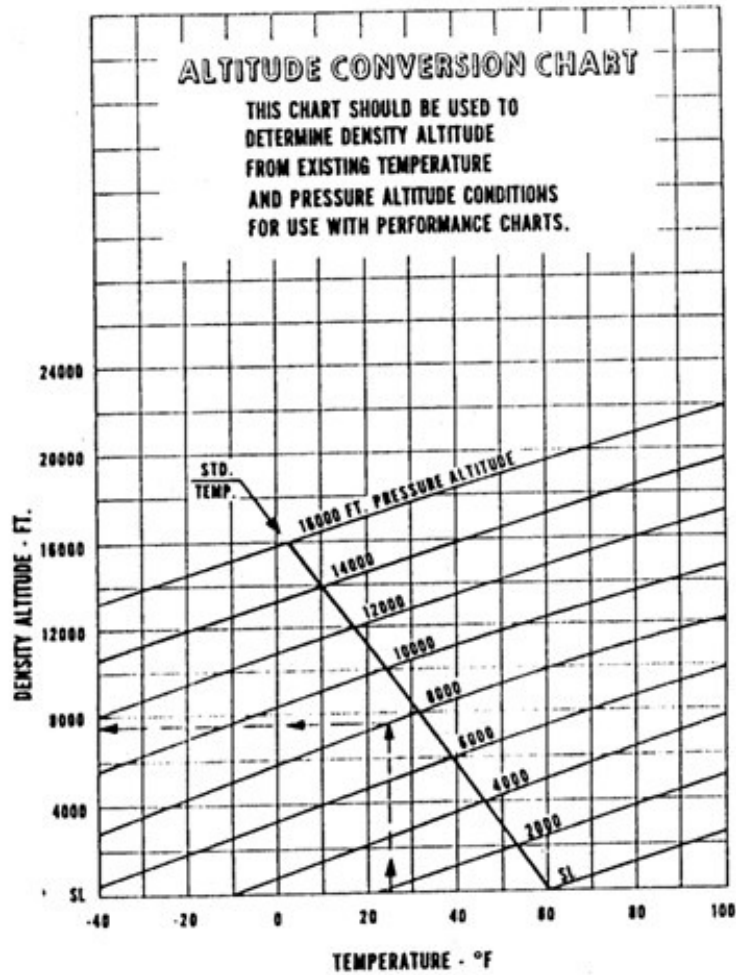
Take-off Distance vs Density Altitude	43
Altitude Conversion Chart	44
Rate of Climb vs Density Altitude	45
Range vs Density Altitude	46
True Airspeed and RPM vs Density Altitude	47
Landing Distance vs Density Altitude	48
Power Setting Table	49

**PA-28-180
PIPER CHEROKEE**

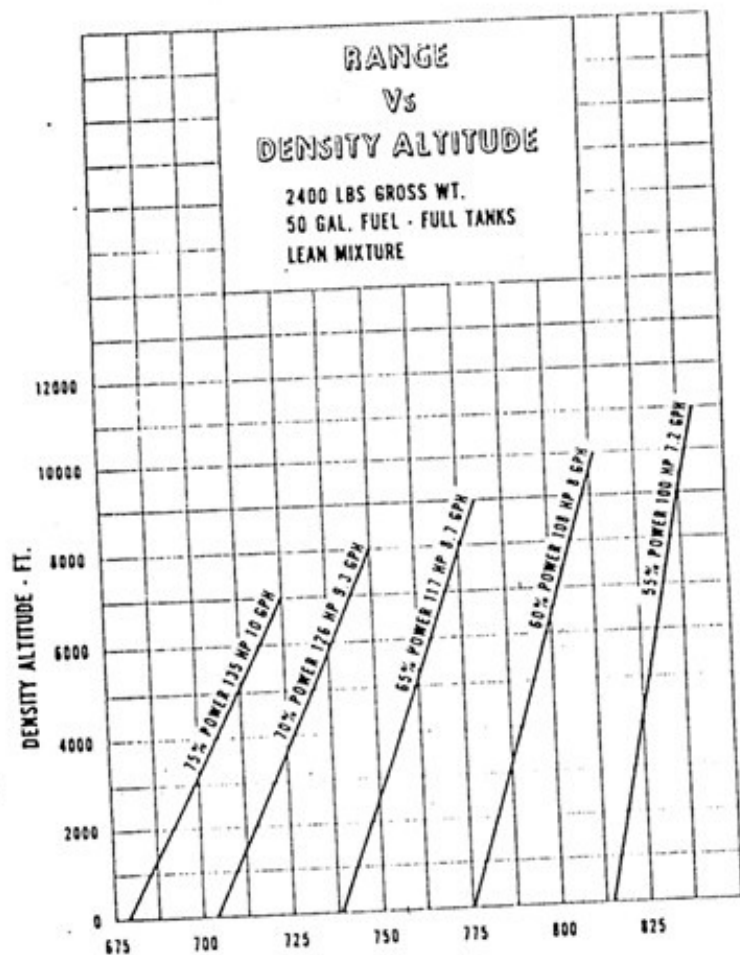


**PA-28-180
PIPER CHEROKEE**

**PA-28-180
PIPER CHEROKEE**



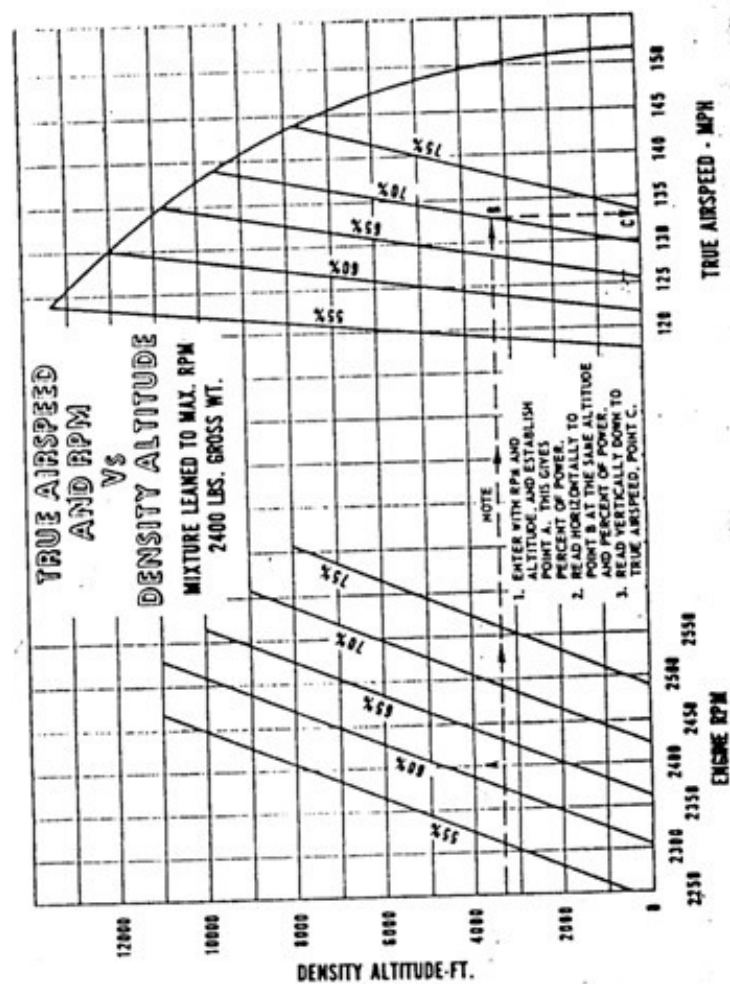
PA-28-180 PIPER CHEROKEE



RANGE (STATUTE MILES)

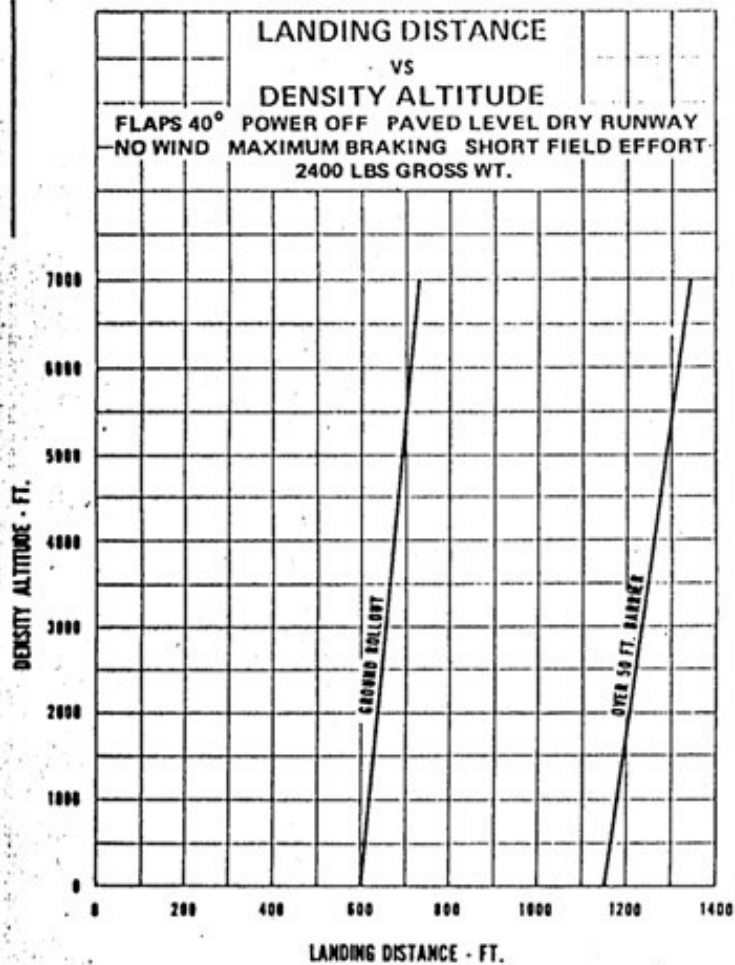
(SEE SECTION III FOR EFFECTS OF AIR CONDITIONER
INSTALLATION ON RANGE)

PA-28-180 PIPER CHEROKEE



(SEE SECTION III FOR EFFECTS OF AIR CONDITIONER
INSTALLATION ON CRUISE SPEEDS)

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