

## 1/4 MILE PERFORMANCE NUMBERS

Actual MPH	W/P Auto.	W/P Man.	Actual ET	P/W Auto.	P/W Man.
80	23.2	34.1	16.0	.044	.043
82	21.6	22.5	15.5	.049	.047
84	20.1	21.0	15.0	.054	.052
86	18.8	19.6	14.5	.060	.058
88	17.6	18.4	14.0	.067	.064
90	16.6	17.3	13.8	.070	.067
92	15.5	16.2	13.6	.073	.070
94	14.6	15.2	13.4	.077	.074
96	13.8	14.4	13.2	.080	.077
98	13.0	13.5	13.0	.084	.081
100	12.3	12.8	12.8	.089	.085
102	11.6	12.1	12.6	.093	.089
104	11.0	11.4	12.4	.100	.094
106	10.4	10.8	12.2	.103	.099
108	9.8	10.3	12.0	.108	.104
110	9.3	9.7	11.8	.114	.109
112	8.9	9.3	11.6	.120	.115
114	8.4	8.8	11.4	.127	.122
116	8.0	8.4	11.2	.134	.128
118	7.6	8.0	11.0	.142	.136
120	7.3	7.6	10.8	.150	.144
122	7.0	7.3	10.6	.159	.152
124	6.6	6.9	10.4	.168	.162
126	6.3	6.6	10.2	.179	.172
128	6.1	6.3	10.0	.190	.183
130	5.8	6.1	9.5	.223	.214
132	5.6	5.8	9.0	.264	.253
134	5.3	5.6	8.5	.315	.302
136	5.1	5.3	8.0	.380	.364
138	4.9	5.1			
140	4.7	4.9			
142	4.5	4.7			
144	4.3	4.5			
146	4.2	4.3			
148	4.0	4.2			
150	3.9	4.0			

CHART 6

The 1/8 mile numbers listed Chart 8 are given for reference. Many racers only get to race on 1/8 mile tracks and all the information in this bulletin is based on 1/4 mile performance. The above chart allows us to convert one number to the other. A couple examples may help explain. First let's assume that we have an automatic transmission car that runs 6.85 sec. in the 1/8 mile. Using the 1/8 mile numbers above we find a W/P (weight divided by power ratio) of 6.7. The inverse of this is P/W (power divided by weight) which is 1 divided by 6.7 or

## HORSEPOWER ESTIMATES

1st Step Hot Rodding	2nd Step Hot Rodding	3rd Step Hot Rodding
Bracket Race Engine	Big 4 Bbl. — Alum. Intake	Ported Head 6 Bbl. —
4 Bbl. Carb., Open Exhaust	.500 Lift Cam — Hyd. or Mech Headers.	8 Bbl. or Big 4 Bbl., C.R.
H.P. Hyd. Cam & Springs	Best Prod. Heads Big Valves in Heads	Blueprinted Engine .600 plus lift mech. cam & gear

## STOCK

318 ('67-77)	150	250	325	400
340	275	310	350	415
360	230	300	360	430
383 ('68-71)	280	320	405	440
400 ('72-77)	250	310	400	450
413-426W	290	320	420	465 (Big 4 Bbl.)
440-4 Bbl. ('67-71)	315	340	435	480 (Big 4 Bbl.)
440-4 Bbl. ('72-77)	270	325	415	480 (Big 4 Bbl.)
440-6 Bbl.	350	380	455 (6 Bbl.)	500 (6 Bbl.)
426 Hemi 8 Bbl.	390	425	500 (8 Bbl.)	600 (8 Bbl.)

NOTES: The 440-6 Bbl. and Hemi 8 Bbl. obviously doesn't switch to 4Bbl.  
Not include tunnel rams.  
Best Production heads does not refer to W-2 "A" engine or Max Wedge Stage Heads for the "B" or "RB" engines.

These are bracket race numbers not a SS type. A Super Stock or Modified engine is a more sophisticated piece of equipment than a bracket engine and will make more power.

CHART 7

.150. From chart 6 the .150 yields a 1/4 mile performance of 10.8 sec. for our example. To go the other way i.e. find out what our 1/4 mile car would run in the 1/8 mile, we reverse the process. For example we'll assume we have a manual transmission car that ran 11.6 seconds in the 1/4 mile. From chart 6 this yields a P/W of .115. The inverse of this is 8.70 and from the 1/8 mile chart we find the 1/8 mile performance would be 7.38 seconds.