

Ratio Calculator

Standard MPH KPH

Target RPM **7000**

Calculate Tire Diameter **25.44** in

Width **315**

Aspect Ratio **30**

Rim Diameter **18**

Cir. 79.9221

Ring & Pinion	to	to
1st gear	9	31
2nd gear	11	42
3rd gear	20	43
4th gear	1	1.6
5th gear	25	32
6th gear	36	38
7th gear	41	37
8th gear		
9th gear		

MPH	Incr MPH	RPM Drop
3.4444	40.300	#N/A
3.8182	31.268	3058.33
2.15	24.601	1790.70
1.6	24.042	1400.00
1.28	25.561	1227.43
1.0556	24.733	1015.40
	0.000	0.00
	0.000	0.00
	0.000	0.00

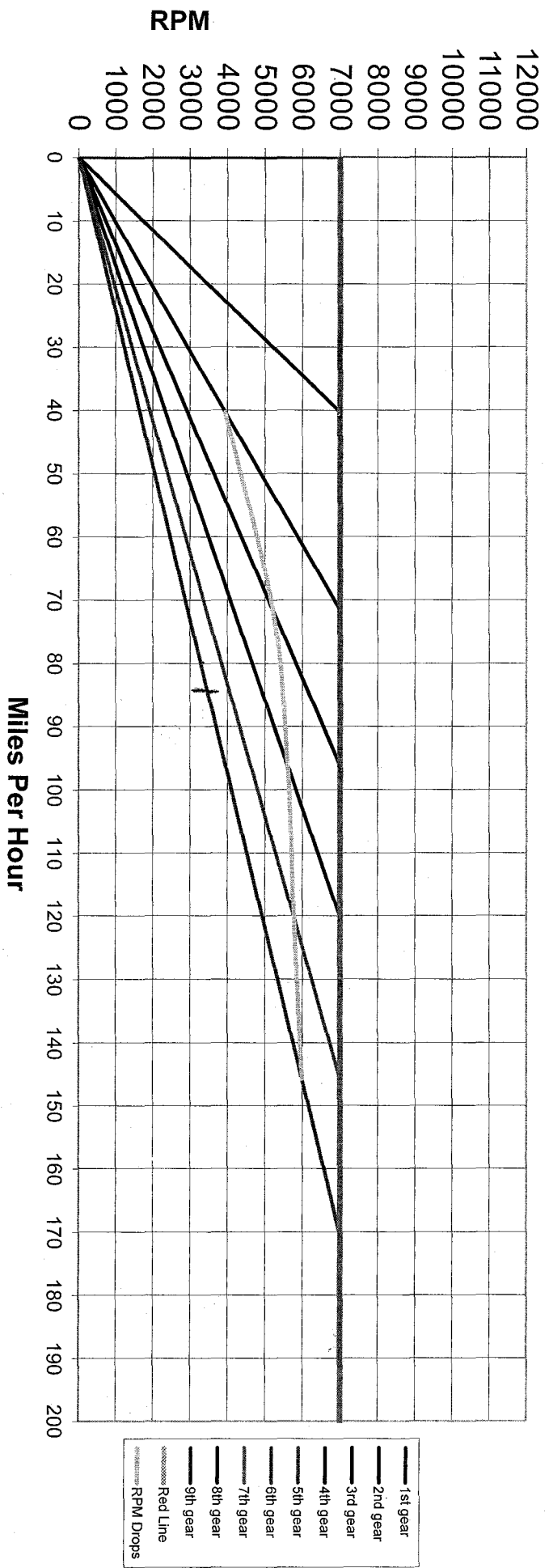
RPM@drop
#N/A
3941.67
5209.30
5600.00
5772.57
5984.60
0.00
0.00
0.00

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Proposed Gear Chart (Mid)
 Top Speed @ 7800 RPM: **162.4322**

Transmission Diagram



Legend:
 — 1st gear
 — 2nd gear
 — 3rd gear
 — 4th gear
 — 5th gear
 — 6th gear
 — 7th gear
 — 8th gear
 — 9th gear
 * * * * * Red Line
 * * * * * RPM Drops