

Snowman SSG New Wheel Variable Gap Test w/ 8 trans board #1
2/5/14 (w/ and w/o 12 ohm trigger resistor)

Run	Gap (in)	Resistor	RPM	Output Amps	Input Amps	Ratio
1	0.150	w/	157	1.51	0.97	0.64
2	0.150	w/o	275	2.15	1.10	0.51
3	0.195	w/	292	1.74	1.04	0.60
4	0.195	w/o	269	2.11	1.27	0.60
5	0.195	w/	292	1.79	1.09	0.61
6	0.195	w/o	269	2.09	1.25	0.60
7	0.220	w/	292	1.73	0.93	0.54
8	0.220	w/o	269	2.10	1.18	0.56
9	0.245	w/	286	1.65	0.88	0.53
10	0.245	w/o	267	2.04	1.14	0.56
11	0.270	w/	283	1.59	0.84	0.53
12	0.270	w/o	265	1.97	1.04	0.53

Notes: New wheel accelerated well in most of the above runs and ran smoothly. This wheel has much more bearing noise than the first wheel - bearings are still breaking in.

Run 1 with the resistor in place yielded a high ratio at lower rpm - will check on this.

Runs 3 - 6 yielded a higher ratio than the others