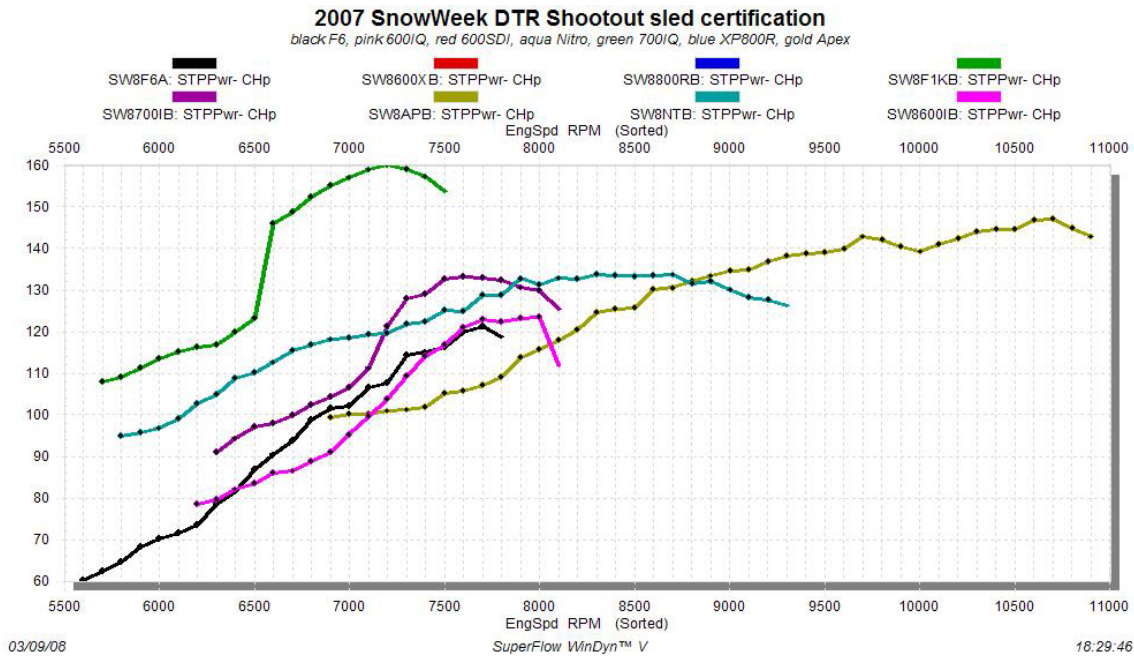


2007 SnowWeek/ DTR Shootout certification dyno test results

Here is the sort of official dyno test data of the eight sleds we ran at the 18th Adirondack Shootout. As reported earlier, all sleds made HP as expected. After warmup, each sled is run two or more times with cool and hot pipe temp. Tests are expected to repeat within one percent or less. The cool and hot pipe RPM HP peak info is used by the participating dealers for their dealer “prep” clutching on the two-stroke sleds.



Arctic Cat F6

EngSpd	STPTrq	STPPwr	TsTim2
RPM	Clb-ft	CHp	Second
5600	56.5	60.2	0
5700	57.4	62.3	0.8
5800	58.5	64.6	1.3
5900	60.7	68.2	2.0
6000	61.4	70.1	2.8
6100	61.6	71.6	3.3
6200	62.3	73.6	3.5
6300	65.4	78.5	4.4
6400	67.0	81.7	5.1
6500	70.1	86.8	5.8
6600	71.9	90.3	6.2
6700	73.6	93.9	7.1
6800	76.3	98.8	8.0
6900	77.4	101.6	8.8
7000	76.7	102.2	9.0
7100	78.9	106.6	10.1
7200	78.5	107.6	10.4
7300	82.2	114.3	11.4
7400	81.7	115.0	11.9

7500	81.3	116.1	12.4
7600	82.9	120.0	13.5
7700	82.7	121.3	14.1
7800	80.0	118.9	15.4

Polaris 600IQ

EngSpd	STPTRq	STPPwr	AirTmp	TsTim2
RPM	Clb-ft	CHp	degF	second
6200	66.5	78.5	38	0
6300	66.5	79.7	38	0.9
6400	67.3	82.0	38	1.7
6500	67.5	83.5	38	2.0
6600	68.5	86.0	37	3.1
6700	67.7	86.4	37	3.4
6800	68.7	88.9	38	4.2
6900	69.3	91.1	37	4.4
7000	71.5	95.3	37	4.8
7100	73.7	99.7	38	5.9
7200	75.7	103.8	39	6.4
7300	78.7	109.4	39	6.8
7400	81.0	114.1	39	7.8
7500	81.8	116.9	39	8.0
7600	83.6	121.0	40	9.2
7700	83.8	122.9	40	9.9
7800	82.5	122.5	39	10.9
7900	82.0	123.3	39	11.8
8000	81.1	123.6	39	12.3
8100	72.5	111.8	39	13.9

SkiDoo 600X SDI

EngSpd	STPTRq	STPPwr	AirTmp	TsTim2
RPM	Clb-ft	CHp	degF	Second
5500	59.6	62.4	34	0
5600	61.0	65.1	35	0.8
5700	61.0	66.2	34	1.1
5800	62.1	68.6	34	2.1
5900	62.6	70.3	35	2.6
6000	63.7	72.8	35	3.7
6100	63.8	74.1	35	4.2
6200	64.2	75.8	35	4.6
6300	65.8	79.0	37	5.7
6400	65.6	79.9	38	6.3
6500	65.8	81.5	37	6.9
6600	66.4	83.4	37	7.7
6700	65.5	83.6	37	7.9
6800	65.9	85.3	37	8.5
6900	66.5	87.4	35	9.5
7000	65.3	87.0	34	10.1
7100	65.6	88.7	34	10.2
7200	66.7	91.4	34	10.4

7300	68.7	95.5	34	10.5
7400	76.0	107.1	37	12.3
7500	76.7	109.6	36	12.9
7600	77.0	111.4	36	13.8
7700	78.0	114.3	36	14.3
7800	80.3	119.2	36	14.7
7900	82.1	123.5	36	15.6
8000	81.9	124.8	36	17.1
8100	76.1	117.4	36	18.1

Yamaha Nitro

EngSpd	STPTrq	STPPwr	AirTmp	TsTim2
RPM	Clb-ft	CHp	degF	second
5800	86.0	94.9	45	0
5900	85.3	95.8	45	0.3
6000	84.6	96.7	45	0.6
6100	85.3	99.0	46	0.8
6200	87.0	102.7	45	1.2
6300	87.5	105.0	45	1.5
6400	89.3	108.8	46	1.9
6500	89.1	110.2	46	2.2
6600	89.6	112.6	46	2.6
6700	90.6	115.6	46	2.8
6800	90.3	116.9	46	3.3
6900	89.9	118.1	46	3.7
7000	89.0	118.6	46	3.9
7100	88.3	119.3	46	4.3
7200	87.2	119.6	46	4.5
7300	87.7	121.8	46	4.9
7400	86.9	122.5	46	5.1
7500	87.7	125.2	46	5.5
7600	86.3	124.9	46	5.7
7700	87.8	128.7	45	6.2
7800	86.7	128.8	45	6.4
7900	88.3	132.8	44	7.0
8000	86.2	131.4	44	7.2
8100	86.1	132.8	44	7.7
8200	85.0	132.7	45	8.2
8300	84.7	133.8	45	8.4
8400	83.5	133.6	46	8.7
8500	82.4	133.3	46	9.2
8600	81.6	133.6	46	9.4
8700	80.7	133.6	46	9.9
8800	78.5	131.6	46	10.1
8900	78.0	132.2	46	10.7
9000	75.9	130.0	46	11.1
9100	74.0	128.3	46	11.7
9200	72.9	127.8	45	12.1
9300	71.2	126.1	44	12.5

Polaris 700IQ

EngSpd	STPTrq	STPPwr	AirTmp	TsTim2
RPM	Clb-ft	CHp	degF	second
6300	75.9	91.1	39	0
6400	77.3	94.2	39	1.1
6500	78.4	97.1	39	2.1
6600	77.9	97.9	39	2.3
6700	78.3	99.9	37	3.0
6800	79.1	102.4	38	4.0
6900	79.4	104.3	38	4.2
7000	79.9	106.5	38	4.4
7100	82.2	111.2	38	4.6
7200	88.5	121.3	37	5.8
7300	92.1	128.0	38	7.2
7400	91.6	129.0	38	7.5
7500	92.9	132.7	38	8.2
7600	92.1	133.3	39	9.2
7700	90.6	132.9	39	10.1
7800	89.2	132.5	39	10.7
7900	86.8	130.6	38	11.4
8000	85.3	129.9	37	12.1
8100	81.2	125.3	37	13.0

SkiDoo XP800R

EngSpd	STPTrq	STPPwr	Fuel B	BSFC B	AirTmp	TsTim2
RPM	Clb-ft	CHp	lb/hr	lb/hph	degF	second
6100	73.2	85.0	67.8	0.828	34	0
6200	73.9	87.3	70.1	0.835	35	0.3
6300	77.2	92.7	72.2	0.809	34	1.5
6400	77.2	94.1	72.5	0.801	35	1.9
6500	77.7	96.2	72.8	0.787	36	2.0
6600	82.8	104.1	77.4	0.774	36	3.2
6700	83.7	106.7	78.0	0.760	36	3.4
6800	88.8	115.0	83.0	0.752	37	4.5
6900	90.8	119.3	84.4	0.738	38	5.2
7000	91.8	122.4	86.4	0.734	36	5.8
7100	93.6	126.6	91.5	0.752	36	6.8
7200	94.1	129.1	92.6	0.746	36	7.2
7300	95.8	133.2	95.1	0.743	36	8.2
7400	95.9	135.2	96.0	0.740	37	8.4
7500	97.2	138.8	98.0	0.736	37	9.1
7600	98.8	143.0	98.4	0.717	37	10.0
7700	99.5	145.8	101.6	0.726	37	10.5
7800	100.6	149.4	103.6	0.723	38	11.4
7900	100.1	150.6	104.3	0.722	37	11.6
8000	100.0	152.3	105.2	0.719	36	12.9
8100	97.5	150.4	106.6	0.738	37	13.6
8200	94.4	147.5	108.0	0.764	38	14.5

Arctic Cat F1000

EngSpd	STPTrq	STPPwr	AirTmp	TsTim2
RPM	Clb-ft	CHp	degF	second
5700	99.5	107.9	36	0
5800	98.9	109.2	36	0.5
5900	99.2	111.4	36	1.2
6000	99.3	113.4	36	1.8
6100	99.1	115.2	35	2.5
6200	98.5	116.2	36	3.2
6300	97.5	116.9	37	3.6
6400	98.5	120.0	37	3.8
6500	99.6	123.2	37	3.8
6600	116.2	146.0	37	5.7
6700	116.7	148.9	37	6.3
6800	117.8	152.5	35	7.2
6900	118.2	155.3	36	7.8
7000	117.8	156.9	35	8.6
7100	117.6	158.9	35	9.2
7200	116.8	160.1	34	10.1
7300	114.4	159.0	34	11.0
7400	111.6	157.3	34	11.7
7500	107.7	153.7	35	12.4

Yamaha Apex

EngSpd	STPTrq	STPPwr	AirTmp	TsTim2
RPM	Clb-ft	CHp	degF	second
6900	75.6	99.3	33	0
7000	75.2	100.2	33	0.3
7100	74.1	100.2	34	0.5
7200	73.6	100.9	34	0.8
7300	72.8	101.2	35	1.0
7400	72.2	101.7	35	1.4
7500	73.7	105.3	35	2.0
7600	73.1	105.8	35	2.2
7700	73.1	107.2	35	2.4
7800	73.4	109.0	35	2.7
7900	75.6	113.7	35	2.9
8000	76.0	115.8	35	3.1
8100	76.5	118.0	35	3.3
8200	77.1	120.4	35	3.5
8300	78.9	124.7	32	3.8
8400	78.4	125.4	33	4.1
8500	77.7	125.8	33	4.2
8600	79.5	130.2	34	4.7
8700	78.8	130.5	34	4.9
8800	78.9	132.2	35	5.2
8900	78.7	133.4	34	5.4

9000	78.5	134.5	34	6
9100	77.8	134.8	34	6.1
9200	78.1	136.8	34	6.3
9300	78.1	138.3	34	6.6
9400	77.5	138.7	34	6.9
9500	76.9	139.1	35	7.1
9600	76.5	139.8	35	7.3
9700	77.3	142.8	35	7.8
9800	76.2	142.2	35	8.2
9900	74.5	140.4	35	8.3
10000	73.1	139.2	35	8.4
10100	73.3	141.0	35	8.6
10200	73.3	142.4	35	8.8
10300	73.4	144.0	35	9.0
10400	73.0	144.6	35	9.3
10500	72.3	144.6	35	9.5
10600	72.7	146.7	35	9.7
10700	72.2	147.1	35	10.0
10800	70.4	144.8	35	10.4
10900	68.8	142.8	35	10.6