

SuperFlow Corporation

"STP Corrected Wheel Power vs. RPM & Speed" from test stock3.sfd

Test Information:

File Name: stock3.sfd (W.cfa ESTECH)

Data Page: STP Corrected Wheel Power vs. RPM & Speed

Test Description:

stock blower pulley /3.5"/ accufab throttle body kn filter stk exhaust

TEST # 1 PG 1

Specifications:

. CalTac 0 Yes/No, Displm 350.0 CI, DJCorF 1.100 CorFac, DrvEff 0.82 Ratio, DrvRat 1.000 ratio,
EngCyc4 Cycles, EngRat 1.000 ratio, FxEd 20.00 EqFt"2, FuelSG 0.750 coeff, IgnPck 1 YesINo,
Lambda 14.66 factor, OpTach 0 YesINo, SparkP 0.500 PullRv, Start 60 mph, StepTm 5.0 second,
. StopAt 145 mph, StpSiz 10.0 mph, SysInt 2,251lbs, TirDia 24.0 inches, TotlWt 4,000 lbs,
TmRat 1.000 ratio

EngSPd	CWhlPw	STPTrq	LamAFI	BoostP	Ec Pwr	DJWhPw	DifTmp	Speed
					H	CH	F	
3,123	206.9	348.0	12.17		23.3	218.8	101	64.5
3,173	210.5	348.4	11.91	8.0	23.8	222.6	101	65.3
3,223	213.8	348.4	11.68	8.1	24.3	226.1	101	66.2
3,271	217.4	349.0	11.48	8.1	24.6	229.9	101	67.1
3,318	220.9	349.7	11.30	8.2	25.2	233.6	101	68.0
3,364	223.8	349.4	11.15	8.2	25.5	236.7	101	68.9
3,408	226.7	349.4	11.01	8.3	26.0	239.8	101	69.8
3,454	229.7	349.2	10.89	8.3	26.3	242.8'	101	70.7
3,497	232.5	349.1	10.79	8.3	26.7	245.8	101	71.6
3,541	235.3	348.9	10.70	8.4	27.2	248.8	101	72.5
3,585	237.2	347.6	10.62	8.4	27.5	250.9	101	73.4
3,629	239.0	345.9	10.54	8.5	27.9	252.7	101	74.3
3,668	240.7	344.7	10.47	8.5	28.2	254.6	101	75.1
3,715	244.1	345.0	10.40	8.5	28.8	258.1	101	76.0
3,758	246.8	344.9	10.33	8.6	29.1	261.0	101	76.9
3,796	248.9	344.4	10.26	8.6	29.4	263.2	101	77.7
3,843	251.0	342.9	10.20	8.6	29.7	265.4	101	78.7
3,882	252.5	341.7	10.14	8.6	30.3	267.0	101	79.5
3,923	254.1	340.1	10.08	8.6	30.6	268.7	101	80.3
3,966	256.3	339.4	10.03	8.6	30.9	271.0	101	81.2
4,009	258.9	339.2	9.98	8.7	31.3	273.8	101	82.2
4,050	261.4	339.0	9.93	8.7	31.8	276.4	101	82.9
4,092	263.9	338.7	9.89	8.7	32.2	279.1	101	83.8
4,134	266.3	338.3	9.84	8.8	32.5	281.6	101	84.7
4,176	268.8	338.1	9.79	8.8	33.1	284.3	101	85.5
4,217	270.8	337.2	9.74	8.8	33.4	286.3	101	86.4
4,258	272.4	335.9	9.70	8.8	33.7	288.0	101	87.2
4,299	274.0	334.8	9.66	8.9	34.0	289.8	101	88.1
4,341	276.8	334.9	9.62	8.9	34.4	292.7	101	88.9

TEST# 1
PG #2

SuperFlow Corporation

"STP Corrected Wheel Power VS. RPM & Speed" from test stock3.sfd

EngSpd	CWhIPw	STPTrq	LamAF1	BoostP	Ec Pwr	DJWhPw	DifTmp	Speed
RPM	<u>CHp</u>	<u>Clb-ft</u>	<u>ratio</u>	<u>psia</u>	<u>Hp</u>	<u>CHp</u>	<u>deaF</u>	<u>mph</u>
4,383	279.8	335.3	9.58	8.9	35.0	295.9	101	89.8
4,465	285.2	335.5	9.50	8.7	35.6	301.6	101	91.5
4,506	287.1	334.6	9.47	8.7	36.2	303.5	101	92.4
4,546	288.5	333.4	9.43	8.7	36.5	305.1	101	93.2
4,586	289.4	331.4	9.40	8.7	36.9	306.0	101	94.0
4,626	290.4	329.7	9.38	8.6	37.2	307.1	101	94.9
4,667	291.9	328.5	9.36	8.6	37.5	308.7	101	95.7
4,707	293.9	328.0	9.34	8.6	37.8	310.8	101	96.5
4,747	296.9	328.5	9.33	8.6	38.4	314.0	101	97.4
4,787	300.1	329.3	9.31	8.6	38.8	317.4	101	98.2
4,865	303.4	327.5	9.28	8.5	39.7	320.8	101	99.8
4,905	304.1	325.6	9.27	8.5	40.0	321.6	101	100.7
4,945	307.1	326.2	9.26	8.5	40.4	324.8	101	101.5
4,985	312.1	328.9	9.25	8.5	41.0	330.1	101	102.3
5,063	316.8	328.6	9.25	8.4	41.9	335.0	101	104.0
5,103	317.8	327.1	9.24	8.4	42.2	336.0	101	104.8
5,142	319.9	326.8	9.24	8.4	42.9	338.3	101	105.6
5,181	322.1	326.5	9.23	8.4	43.2	340.6	101	106.4
5,220	324.6	326.6	9.23	8.3	43.5	343.2	101	107.2
5,259	326.3	325.9	9.22	8.3	44.2	345.1	101	108.1
5,297	327.4	324.6	9.22	8.3	44.5	346.2	101	108.9
5,374	330.8	323.3	9.21	8.3	45.2	349.8	101	110.5
5,412	331.3	321.5	9.20	8.2	45.5	350.3	101	111.3
5,451	333.9	321.7	9.20	8.2	46.1	353.1	101	112.1
5,488	335.8	321.4	9.19	8.1	46.4	355.1	101	112.9
5,524	337.5	320.9	9.19	8.1	46.8	356.9	101	113.7
5,561	338.6	319.7	9.19	8.1	47.1	358.0	101	114.4
5,597	337.8	317.0	9.18	8.1	47.4	357.2	101	115.2
5,632	336.5	313.8	9.18	8.1	47.4	355.8	101	116.0
5,667	333.8	309.3	9.18	8.1	47.4	352.9	101	116.7
5,700	332.6	306.4	9.18	8.1	47.7	351.7	101	117.5
5,732	329.8	302.2	9.16	8.1	47.6	348.7	101	118.2
5,766	326.8	297.7	9.14	8.1	47.6	345.6	101	118.9
5,828	319.9	288.3	9.06	8.1	47.8	338.3	101	120.3
5,861	316.5	283.6	9.00	8.1	47.8	334.7	101	121.0
5,894	316.1	281.7	8.93	8.1	48.0	334.3	101	121.7
5,925	316.5	280.5	8.86	8.2	48.3	334.7	101	122.3
5,991	321.7	282.0	8.71	8.2	49.2	340.2	101	123.7
6,023	324.7	283.1	8.64	8.2	49.8	343.3	101	124.4
6,090	330.9	285.4	8.51	8.2	50.7	350.0	101	125.8
6,122	334.2	286.7	8.47	8.2	51.3	353.5	101	126.5

SuperFlow Corporation

TEST #1

PG # 3

"STP Corrected Wheel Power vs. RPM & Speed" from test stock3.sfd

EngSpd	CWhlPw	STPTrq	LamAF1	BoostP	Ec Pwr	DJWhPw	DifTmp	Speed
RPM	<u>CHp</u>	Clb-ft	ratio	<u>psia</u>	<u>Hp</u>	<u>CHp</u>	<u>deaF</u>	<u>mph</u>
6,155	336.6	287.2	8.44	8.1	52.0	356.0	101	127.1
6,185	337.9	286.9	8.41	8.1	52.2	357.3	101	127.8
6,219	337.8	285.3	8.40	8.1	52.5	357.3	101	128.5
6,252	338.6	284.5	8.39	8.1	52.8	358.0	101	129.2
6,285	340.2	284.3	8.39	8.1	53.1	359.8	101	129.9
6,317	343.5	285.6	8.39	8.1	53.7	363.3	101	130.6
6,350	346.7	286.7	8.39	8.1	54.0	366.6	101	131.2
6,369	349.2	288.0	8.40	8.1	54.7	369.3	102	131.9
6,412	349.5	286.3	8.42	8.1	54.9	369.6	102	132.6
6,423	348.1	284.7	8.44	8.1	55.2	368.1	102	133.3
6,396	328.0	269.4	8.47	8.0	54.3	346.9	102	133.7

SuperFlow Corporation

"STP Corrected Wheel Power vs. RPM & Speed" from test stk meter3.sfd

Test Information:

TEST # 2 PAGE # 1

File Name: stk meter3.sfd (WESTECH.cfa)

Data Page: STP Corrected Wheel Power VS. RPM & Speed - 77 lines
total

Date

Saved:

Test Description:

3" blower pulley mac

accufab throttle body

stock intake kn filter stk exhaust

Specifications:

CalTac 0 YeslNo, Displm 350.0 CI, DJCorF 1.100 CorFac, DrvEff 0.82 Ratio, DrvRat 1.000 ratio,

EngCyc 4 Cycles, EngRat 1.000 ratio, FAXed 20.00 EqFtl\2, FuelSG 0.750 caeff, IgnPck 1 YeslNo,

Lambda 14.66 factor, OpTach 0 YeslNo, SparkP 0.500 PullRv, Start 60 mph, StepTm 5.0 Second,

StopAt 145 mph, StpSiz 10.0 mph, Syslnt 2,251 lbs, TirDis 24.0 Inches, TotlWt 4,000 lbs, TmRat 1.000 ratio

EngSpd	<u>CWHLpw</u>						DifTmp	Speed'
RPM	<u>CHP</u>	CIb-ft	<u>LamAF1</u>	<u>BoostP</u>	<u>Ec Pwr</u>	<u>DJWhPw</u>	<u>degF</u>	
			<u>ratio</u>	<u>psig</u>	<u>Hp</u>	<u>CHD</u>		
200	241.6	396.6	13.14	11.4	26.1	255.5	102	65.7
3,314	251.9	399.2	12.60	11.4	27.3	266.3	102	67.8
3,368	256.9	400.5	12.39	11.5	28.0	271.7	102	68.9
3,421	261.6	401.5	12.20	11.6	28.6	276.6	102	69.9
3,474	265.2	400.9	12.04	11.7	29.0	280.4	102	70.9
3,526	268.5	399.9	11.90	11.8	29.6	283.9	102	72.0
3,579	271.7	398.7	11.79	11.8	30.0	287.3	102	73.0
3,630	275.7	398.9	11.69	11.9	30.7	291.5	102	74.0
3,732	283.8	399.4	11.52	12.0	31.7	300.1	102	76.1
3,782	288.1	400.2	11.44	12.0	32.4	304.7	102	77.1
3,833	291.6	399.6	11.36	12.1	32.8	308.3	102	78.2
3,883	294.3	398.1	11.28	12.1	33.2	311.2	102	79.2
3,931	296.3	395.9	11.21	12.1	33.7	313.3	102	80.2
4,030	300.3	391.3	11.07	12.1	34.5	317.6	102	82.2
4,079	302.5	389.5	11.01	12.1	34.9	319.9	102	83.2
4,175	306.5	385.6	10.89	12.1	35.8	324.1	102	85.2
4,223	308.1	383.3	10.84	12.1	36.2	325.9	102	86.2
4,271	310.4	381.8	10.79	12.1	36.6	328.3	102	87.2
4,415	321.9	382.9	10.62	12.1	38.4	340.4	102	90.2
4,510	329.7	384.0	10.50	12.2	39.4	348.7	102	92.1
4,557	332.8	383.5	10.44	12.2	40.1	351.9	102	93.1
4,605	335.6	382.7	10.38	12.2	40.5	354.9	102	94.1

SuperFlow Corporation

TEST #2

PG #2

"STP Corrected Wheel Power vs. RPM & Speed" from test stk meter3.sfd

EngSpd	CWhlPw	STPTrq			Ec Pwr	DJWhPw	DifTmp	Speed
RPM	<u>CHp</u>	<u>Clb-ft</u>			<u>Hp</u>	<u>CHp</u>	<u>deaF</u>	<u>mph</u>
4,653	338.4	381.9	10.33	12.2	41.0	357.8	102	95.1
4,701	341.5	381.6	10.29	12.1	41.4	361.2	102	96.1
4,748	345.2	381.9	10.26	12.1	42.1	365.0	102	97.0
4,795	348.3	381.5	10.23	12.1	42.5	368.3	102	98.0
4,842	351.4	381.1	10.21	12.1	42.9	371.6	102	99.0
4,888	354.1	380.5	10.19	12.0	43.6	374.5	102	99.9
4,935	356.2	379.0	10.17	12.0	44.0	376.6	102	100.9
4,977	359.2	379.0	10.16	12.0	44.8	379.8	102	101.9
5,027	362.1	378.3	10.15	12.0	45.2	383.0	102	102.8
5,069	363.6	376.7	10.14	12.0	45.6	384.5	102	103.7
5,115	364.7	374.6	10.13	12.0	46.3	385.7	102	104.7
5,164	367.0	373.2	10.12	11.9	46.7	388.1	102	105.7
5,204	369.3	372.7	10.12	11.9	47.1	390.6	102	106.6
5,249	371.1	371.3	10.11	11.9	47.5	392.4	102	107.5
5,294	372.6	369.6	10.11	11.8	48.0	394.0	102	108.5
5,338	374.6	368.6	10.12	11.8	48.3	396.2	102	109.4
5,382	376.5	367.4	10.12	11.7	48.8	398.2	102	110.3
5,426	376.2	364.1	10.12	11.7	48.9	397.9	102	111.2
5,469	378.1	363.1	10.11	11.6	49.2	399.8	102	112.1
5,511	378.8	361.0	10.11	11.6	49.6	400.6	102	113.0
5,553	379.8	359.2	10.10	11.5	50.0	401.6	102	113.9
5,594	380.8	357.5	10.09	11.4	50.4	402.7	102	114.8
5,636	381.2	355.2	10.06	11.4	50.8	403.1	102	115.7
5,677	381.4	352.8	10.01	11.4	50.9	403.3	102	116.6
5,718	381.3	350.2	9.95	11.4	51.3	403.2	102	117.4
5,758	382.0	348.5	9.87	11.3	51.6	404.0	102	118.3
5,798	382.1	346.1	9.78	11.3	52.0	404.0	102	119.2
5,838	382.5	344.0	9.69	11.2	52.4	404.4	102	120.0
5,878	382.2	341.5	9.60	11.2	52.7	404.2	102	120.8
5,918	382.5	339.5	9.51	11.2	52.8	404.5	102	121.7
5,957	383.2	337.8	9.44	11.2	53.5	405.2	102	122.5
5,995	383.6	336.1	9.38	11.1	53.8	405.7	102	123.3
6,034	384.4	334.6	9.33	11.1	54.2	406.4	102	124.2
6,071	384.9	333.0	9.28	11.0	54.5	407.1	102	125.0
6,109	385.7	331.6	9.25	10.9	54.9	407.8	102	125.8
6,147	386.1	329.9	9.22	10.9	55.3	408.3	102	126.6
6,184	386.0	327.8	9.21	10.8	55.6	408.2	102	127.4
6,221	386.0	325.9	9.20	10.8	56.0	408.2	102	128.2
6,258	386.3	324.2	9.20	10.8	56.3	408.6	102	129.0
6,296	387.0	322.9	9.21	10.7	56.6	409.3	102	129.7
6,329	386.8	321.0	9.21	10.7	57.0	409.1	102	130.5
6,367	385.6	318.1	9.22	10.7	57.3	407.8	102	131.3
6,397	383.6	315.0	9.23	10.7	57.6	405.7	102	132.0
6,403	376.5	308.8	9.24	10.4	57.6	398.1	103	132.7

GTest Information:

File Name: DATA 17.sfd (WESTECH.cfa)

Data Page: STP Corrected Wheel Power vs. RPM & Speed - 74 lines total

Date Saved:

stock

exhaust

3" blower pulley mac

accufab throttle body

MAC 95 mm straight

shot /mass air system

CalTac 0 YesINo, Dlsplm 350.0 CI, OOCorF 1.100 CorFac, DrvEff 0.82 Ratio, DrvRat 1.000 ratio';..

EngCyc 4 Cycles, EngRat 1.000 ratio,. FAXed 20.00 EqFtA2, FuelSG 0.750 coeff, IgnPckt1 yeslt1

Lambda 14.66 factor, OpTach 0 YesINo, SparkP 0.500 PullRv, Start 60 mph, StepTm 5.0

Secor1dt

StopAt 145 mph, StpSiz 10.0 mph, SysInt 2,251lbs, TirDia 24.0 inches, TotlWt 4,000 I

TmRat 1.000 ratio

Epd	CWhIPw	STPTrq	BoostP	LamAF1	Ec Pwr	DJWhPw	DifTmp	ph
3,181	253.2		418.2 11.4	13.70	26.9	267.8	103	64.9
3,236	257.9		418.6 11.5	13.49	27.3	272.7	103	66.0
3,292	262.6		418.9 11.6	13.30	28.0	277.6	103	67.1
3,340	267.4	420.4	11.7	13.11	28.6	282.8	103	68.2
3,394	271.5	420.1	11.8	12.94	29.0	287.1	103	69.1
3,448	276.0	420.4	11.9	12.78	29.7	291.9	103	70.2
3,508	280.3	419.7	12.0	12.62	30.2	296.4	103	71.4
3,556	284.3	419.9	12.0	12.48	30.9	300.6	103	72.5
3,611	288.8	420.1	12.0	12.35	31.5	305.4	103	73.6
3,664	293.4	420.6	12.1	12.23	32.1	310.3	103	74.6
3,719	298.2	421.1	12.2	12.12	32.6	315.3	103	75.7
3,772	303.3	422.3	12.2	12.01	33.4	320.7	103	76.9
3,825	307.3	421.9	12.3	11.91	34.0	324.9	103	77.9
3,879	310.9	421.0	12.3	11.8j	34.5	328.8	103	79.0
3,932	314.5	420.0	12.4	11.	34.9	332.5	103	80.1
3,985	317.8	418.9	12.4	11.6,	35.6	336.1	103	81.1
4,037	320.5	416.9	12.4	11.5	36.1	338.9	103	82.2
4,089	323.1	415.1	12.4	11.51	36.6	341.7	103	83.3
4,142	325.9	413.3'.	12.4	11.46	37.1	344.6	103	84.4
4,193	328.4	411.4	12.4	11.41	37.5	347.3	103	85.4
4,245	331.4	410.1	12.5	11.36	38.0	350.5	103	86.5
4,296	334.4	408.9	12.5	11.31	38.5	353.6	103	87.5
4,348	337.5	407.7	12.5	11.26	39.2	356.9	103	88.6
4,399	340.9	407.0	12.5	11.20	39.6	360.5	103	89.7
4,449	344.6	406.8	12.5	11.15	40.4	364.4	103	90.7
4,500	348.2	406.3	12.5	11.09	40.8	368.2	103	91.8
4,551	351.4	405.6	12.5		11.0441.3	371.6	103	92.8
4,602	355.1	405.2	12.5		10.9841.8	375.5	103	93.9

SuperFlow Corporation

3512 N. Tejon
Colorado Springs, CO 80907

"STP Corrected Wheel Power vs. RPM & Speed" from test DATA 17.sfd

EngSpd	CWhIPw	STPTrq	BoostP	LamAF1	Ec Pwr	DJWhPw	DifTmp	Speed
RPM	CHp	Clb-ft	psia	ratio	Hp	CHp	deaF	mph
4,704	362.4	404.6	12.5	10.88	42.9	383.2	103	95.9
4,755	366.3	404.6	12.5	10.83	43.7	387.4	103	97.0
4,805	370.0	404.5	12.5	10.78	44.2	391.3	103	98.0
4,854	374.2	404.9	12.5	10.73	44.9	395.7	103	99.1
4,904	377.9	404.8	12.5	10.69	45.6	399.7	103	100.1
4,954	380.6	403.5	12.6	10.66	46.1	402.5	103	101.1
5,004	383.2	402.2	12.6	10.64	46.6	405.2	103	102.2
5,053	386.1	401.4	12.6	10.61	47.1	408.3	103	103.2
5,102	389.0	400.5	12.5	10.60	47.8	411.4	103	104.2
5,152	391.9	399.6	12.5	10.58	48.3	414.4	103	105.2
5,200	394.9	398.9	12.5	10.57	48.7	417.6	103	106.3
5,248	397.1	397.3	12.5	10.55	49.5	419.9	103	107.3
5,297	398.8	395.4	12.5	10.53	50.0	421.7	103	108.3
5,346	401.6	394.6	12.5	10.52	50.4	424.7	103	109.3
5,393	405.1	394.6	12.5	10.51	50.9	428.4	103	110.3
5,441	408.7	394.5	12.5	10.50	51.7	432.2	103	111.3
5,488	411.5	393.8	12.4	10.50	52.1	435.1	103	112.3
5,534	414.0	392.8	12.4	10.50	52.6	437.7	103	113.3
5,581	416.1	391.5	12.3	10.49	53.1	440.0	103	114.3
5,627	417.2	389.4	12.3	10.49	53.5	441.2	103	115.2
5,673	418.4	387.4	12.3	10.49	54.0	442.5	103	116.2
5,718	418.6	384.5	12.2	10.49	54.4	442.7	103	117.2
5,764	419.2	381.9	12.2	10.49	54.8	443.3	103	118.1
5,809	419.6	379.4	12.2	10.48	55.3	443.7	103	119.1
5,852	421.1	377.9	12.0	10.47	55.7	445.3	103	120.0
5,897	422.3	376.1	12.0	10.46	56.2	446.5	103	121.0
5,939	423.3	374.4	11.9	10.45	56.3	447.6	103	121.9
6,025	422.9	368.7	11.9	10.41	57.1	447.3	103	123.7
6,068	423.2	366.3	11.9	10.39	57.5	447.6	103	124.6
6,109	422.6	363.3	11.9	10.36	57.6	446.9	103	125.5
6,151	422.3	360.6	11.9	10.32	58.0	446.6	103	126.4
6,192	422.0	358.0	11.8	10.29	58.4	446.3	103	127.3
6,276	421.9	353.1	11.8	10.21	59.2	446.1	103	129.0
6,351	420.1	347.4	11.7	10.13	59.6	444.3	103	130.7
6,390	419.8	345.1	11.7	10.10	60.0	444.0	103	131.6
6,417	419.3	343.2	11.7	10.06	60.4	443.4	103	132.4
6,408	410.0	336.0	11.6	10.02	60.3	433.5	103	133.1
6,402	362.1	297.1	11.4	10.00	57.2	382.9	103	133.6
6,397	279.6	229.6	10.7	9.99	51.8	295.7	103	133.9