

# Corrected Power

402TPISJH21, 402TPISJH24,

*Renegade 110 350T*

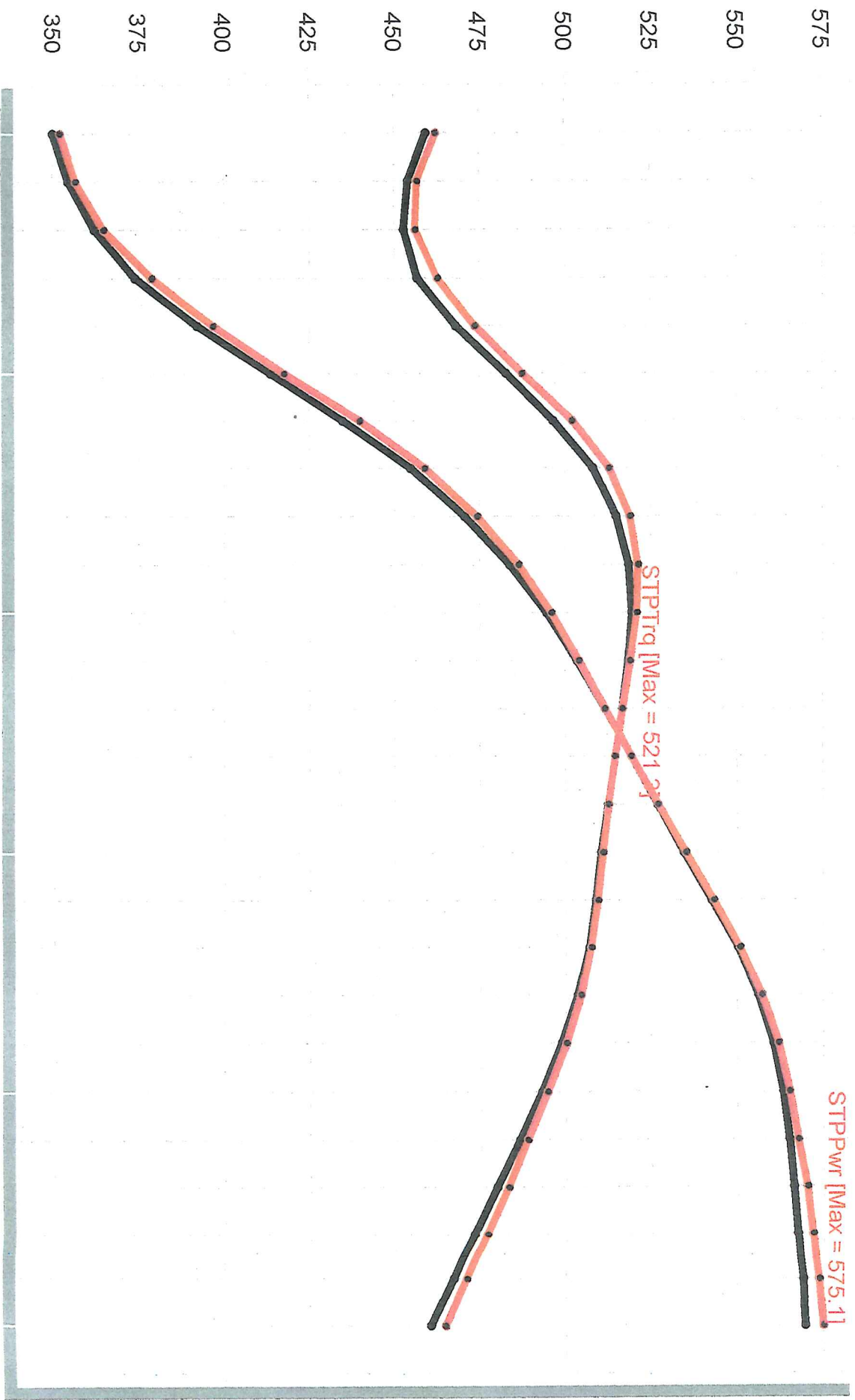
*Race GAS ULTRA at 110 350T*

402TPISJH21: STPTrq-Clb-ft

402TPISJH24: STPTrq-Clb-ft

402TPISJH21: STPPwr-CHP

402TPISJH24: STPPwr-CHP



06/11/12

SuperFlow WindDyn™ V3.2

08:48:43

### R&R Performance

Spring Lake Park, Mn. (763-717-1917) (Ron Quarstrom)  
 Weather 29.04 Barometer / 24.1 Humidity / 2264 density altitude  
 Engine specs: 402 cid. SBC / E.F.I.  
 Engine Builder/Owner: T.P.I.S. Jim Hall Feb. 20 / 2018

"Corrected Power" from test 402TPISJH24.sfd

#### Test Information:

File name: 402TPISJH24.sfd (R\_R.cfa)  
 Data page: Corrected Power - 26 lines total  
 Tested on: Jun 11, 2012

#### Test Description:

Changes from previous test: Race Gas Ultra at 110 with timing increase from 33 to 35

Engspd	STPTrq	STPPwr	BSFC	Fulsum	Airsum	AFR	AirInt	Coolot
RPM	Cib-ft	CHP	lb/hph	lbs/hr	SCFM	Ratio	degF	deg F
4,000**	462.3	352.1	0.428	141.0	375	12.2	77.2	161
4,100	456.8	356.6	0.437	145.6	384	12.1	77.2	161
4,200	456.2	364.8	0.446	152.0	398	12.0	77.2	161
4,300	462.7	378.8	0.453	160.5	418	11.9	77.2	161
4,400	473.7	396.9	0.453	168.2	438	11.9	77.2	161
4,500	487.6	417.7	0.451	176.0	459	11.9	77.2	161
4,600	502.2	439.9	0.446	183.4	479	12.0	77.2	161
4,700	512.9	459.0	0.442	189.7	494	11.9	77.2	161
4,800	519.0	474.3	0.439	194.8	507	11.9	77.2	162
4,900	521.3	486.4	0.436	198.3	519	12.0	77.1	162
5,000	521.0	496.0	0.434	201.1	528	12.0	77.1	162
5,100	519.0	504.0	0.435	204.9	538	12.0	77.1	163
5,200	516.7	511.6	0.439	209.8	550	12.0	77.1	163
5,300	514.6	519.3	0.444	215.4	563	12.0	77.1	163
5,400	512.7	527.1	0.447	220.2	574	11.9	77.1	164
5,500	511.0	535.1	0.449	224.1	585	11.9	77.1	164
5,600	509.5	543.2	0.449	227.6	596	12.0	77.1	164
5,700	507.5	550.7	0.449	230.6	607	12.0	77.1	164
5,800	504.5	557.1	0.448	232.8	615	12.1	77.1	165
5,900	500.3	562.0	0.450	235.5	622	12.1	77.1	165
6,000	494.7	565.1	0.453	238.6	629	12.1	77.1	165
6,100	488.8	567.7	0.456	241.2	634	12.0	77.1	166
6,200	483.1	570.3	0.459	243.5	639	12.0	77.1	166
6,300	476.8	571.9	0.462	246.0	644	12.0	77.1	166
6,400	471.0	573.9	0.464	247.6	648	12.0	77.1	166
6,500**	464.7	575.1	0.465	248.3	652	12.0	77.1	166
<b>Avg**</b>	<b>494.2</b>	<b>494.5</b>	<b>0.447</b>	<b>206.8</b>	<b>542</b>	<b>12.0</b>	<b>77.1</b>	<b>163</b>

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### R&R Performance

Spring Lake Park, Mn. (763-717-1917) (Ron Quarnstrom)  
 Weather 29.04 Barometer / 24.1 Humidity / 2264 density altitude  
 Engine specs: 402 cid. SBC / E.F.I.  
 Engine Builder/Owner: T.P.I.S. Jim Hall Feb. 20 / 2018

"Corrected Power" from test 402TPISJH21.sfd

#### Test Information:

File name: 402TPISJH21.sfd (R\_R.cfa)  
 Data page: Corrected Power - 26 lines total  
 Tested on: Jun 11, 2012

Test Description:  
 Changes from previous test: timing up from 33 to 35 / 110 Renegade

Engspd	STPTrq	STPPwr	BSFC	FuIsum	Airsum	AFR	AirInt	Coolot
RPM	Cib-ft	CHP	lb/hph	lbs/hr	SCFM	Ratio	degF	deg F
4,000**	459.4	349.9	0.430	140.9	369	12.0	76.8	162
4,100	454.1	354.5	0.437	145.1	379	11.9	76.8	162
4,200	452.8	362.1	0.444	150.7	393	12.0	76.8	162
4,300	456.6	373.9	0.450	157.7	411	11.9	76.7	162
4,400	468.1	392.1	0.455	167.1	433	11.9	76.7	163
4,500	482.8	413.7	0.452	175.2	453	11.8	76.7	163
4,600	496.5	434.9	0.447	182.1	472	11.9	76.7	163
4,700	508.1	454.7	0.444	189.2	490	11.9	76.7	163
4,800	514.8	470.5	0.442	194.9	504	11.8	76.7	164
4,900	518.5	483.7	0.440	199.2	518	11.9	76.7	164
5,000	519.4	494.5	0.437	202.6	529	12.0	76.7	164
5,100	518.4	503.4	0.438	206.3	540	12.0	76.7	164
5,200	516.7	511.6	0.440	210.6	550	12.0	76.7	165
5,300	514.6	519.3	0.444	215.6	562	11.9	76.7	165
5,400	512.5	527.0	0.448	221.1	572	11.9	76.7	166
5,500	510.4	534.5	0.453	226.4	584	11.8	76.7	166
5,600	508.8	542.5	0.453	229.8	595	11.9	76.7	166
5,700	506.9	550.1	0.451	231.9	603	11.9	76.7	166
5,800	503.5	556.1	0.451	234.5	611	11.9	76.6	166
5,900	498.8	560.4	0.453	237.2	619	11.9	76.6	166
6,000	493.0	563.3	0.455	239.6	626	12.0	76.6	166
6,100	486.4	565.0	0.458	241.3	633	12.0	76.6	167
6,200	479.6	566.2	0.460	242.9	640	12.1	76.6	167
6,300	472.9	567.3	0.462	244.5	645	12.1	76.6	167
6,400	467.0	569.1	0.464	246.0	649	12.1	76.6	167
6,500**	460.4	569.8	0.466	247.5	652	12.1	76.6	167
<b>Avg**</b>	<b>491.6</b>	<b>491.9</b>	<b>0.449</b>	<b>206.9</b>	<b>540</b>	<b>11.9</b>	<b>76.7</b>	<b>165</b>