Standard Corrected Data for 29.92 inches Hg. 60 F dry air Test# 13

Test: 300 RPM/Sec Acceleration Fuel Spec. Grav.: .716 Air Sensor: 9.0
Vapor Pressure: .19 Barometric Pres.: 27.34 Ratio: 1.00 TO
Engine Type: 4-Cycle Spark Engine displacement: 355.0 Stroke: 3.480

RPM	CBT Lb-Ft	CBHP	FHP	VE%	ME%	FA+FB Lb/Hr	A1 scfm	A/F	BSFC	CAT F	OIL Out	WAT Out	BS
4100	399.4	311.8	53.9	94.1	83.7	142.0	358.3	11.6	.51	62	143	167	5.
4200	399.5	319.5	56.3	93.3	83.5	143.7	364.8	11.7	.51	61	143	167	5.
4300	408.2	334.2	58.7	93.9	83.5	146.3	376.0	11.8	.49	61	143	167	5.
4400	414.2	347.0	61.2	94.7	83.5	150.3	387.9	11.9	.49	61	144	167	5.
4500	421.4	361.1	63.6	96.7	83.5	153.4	404.8	12.1	.48	61	144	167	5.
4600	428.0	374.9	66.1	98.1	83.5	156.4	420.1	12.3	.47	61	144	167	5.
4700	430.8	385.5	68.6	99.3	83.3	159.5	434.7	12.5	.46	61	144	167	5.
4800	434.1	396.7	71.2	100.4	83.2	166.4	450.2	12.4	.47	59	144	166	5.
4900	436.1	406.9	73.9	101.5	83.1	173.8	464.4	12.3	.48	59	145	166	5.
5000	437.2	416.2	76.5	101.8	82.9	176.1	474.2	12.4	.48	60	145	166	5.
5100	439.7	427.0	79.2	103.0	82.7	183.9	488.6	12.2	.48	61	145	166	5.
5200	439.7	435.3	82.1	103.4	82.5	185.0	499.4	12.4	.48	62	145	166	5.
5300	438.1	442.1	84.9	103.4	82.2	190.2	508.2	12.3	.49	63	145	166	5
5400	435.6	447.9	87.7	103.4	81.9	192.9	517.7	12.3	.49	63	146	167	5
5500	431.4	451.8	90.7	102.7	81.5	197.4	523.3	12.2	.49	63	146	167	6
5600	427.8	456.1	93.6	102.0	81.2	201.3	529.2	12.1	.50	63	146	167	6
5700	426.3	462.7	96.7	102.2	80.9	204.5	539.8	12.1	.50	63	146	168	6
5800	422.6	466.7	99.7	102.9	80.5	206.7	553.1	12.3	.50	63	146	168	6
5900	421.7	473.7	102.8	103.4	80.3	209.6	565.6	12.4	.50	63	147	168	6
6000	415.7	474.9	106.0	103.3	79.9	208.3	575.8	12.7	.50	62	147	168	6
6100	411.0	477.4	109.6	103.2	79.4	208.1	584.7	12.9	.49	62	147	168	6
6200	405.3	478.5	113.7	102.9	78.8	207.8	593.7	13.1	.49	61	147	168	6
6300	402.3	482.6	117.7	102.5	78.4	211.3	601.2	13.1	.50	61	147	168	6
6400	397.7	484.6	121.9	102.3	77.8	215.8	609.5	13.0	.50	61	148	169	6
6500	393.6	487.1	126.0	102.2	77.3	216.3	618.3	13.1	.50	61	148	169	6
6600	388.3	488.0	130.3	101.8	76.8	216.9	624.9	13.2	.50	61	149	169	6
6700	379.9	484.6	134.6	100.9	76.0	223.2	629.0	12.9	.52	61	149	169	6
6800	372.5	482.3	139.1	99.9	75.3	235.6	632.3	12.3	.56	61	149	169	6
6900	365.6	480.3	143.5	99.1	74.6	242.0	635.0	12.0	.57	62	149	169	6
7000	362.7	483.4	148.9	98.3	74.0	247.4	639.1	11.9	.58	62	150	169	6

100% 110 oct. RACE FUEL

Standard Corrected Data for 29.92 inches Hg. 60 F dry air Test# 11

Test: 300 RPM/Sec Acceleration Fuel Spec. Grav.: .736 Air Sensor: 9.(
Vapor Pressure: .19 Barometric Pres.: 27.35 Ratio: 1.00 TO
Engine Type: 4-Cycle Spark Engine displacement: 355.0 Stroke: 3.480

RPM	CBT Lb-Ft	CBHP	FHP	VE%	ME%	FA+FB Lb/Hr	A1 scfm	A/F	BSFC	CAT F	OIL Out	WAT Out	BS
4000	418.9	319.0	51.6	97.1	84.6	148.1	360.8	11.2	.52	62	184	164	5.
4100	411.8	321.5	53.9	94.9	84.1	147.5	361.5	11.3	.52	62	184	164	5.
4200	410.3	328.1	56.3	93.9	83.8	143.2	365.7	11.7	.49	63	184	164	5.
4300	420.4	344.2	58.7	94.7	83.9	121.9	377.5	14.2	.40	63	184	163	5.
4400	425.4	356.4	61.2	95.5	83.8	105.4	389.6	17.0	.33	63	183	163	5.
4500	432.8	370.8	63.6	96.7	83.8	112.6	403.6	16.5	.34	63	183	164	5.
4600	437.2	382.9	66.1	97.8	83.7	125.3	417.5	15.3	.37	63	183	164	5.
4700	443.4	396.8	68.6	99.9	83.7	127.9	435.9	15.6	.36	62	183	164	5.
4800	445.2	406.9	71.2	101.0	83.6	137.6	450.3	15.0	.38	62	183	164	5.
4900	446.6	416.7	73.9	101.2	83.4	140.6	460.7	15.0	.38	62	183	164	5.
5000	451.1	429.5	76.5	102.9	83.3	161.5	477.9	13.6	.42	62	183	164	5.
5100	452.0	438.9	79.2	103.5	83.1	197.6	490.3	11.4	.51	62	183	165	5.
5200	450.2	445.7	82.1	103.5	82.8	198.1	500.0	11.6	.50	62	183	165	5.
5300	449.0	453.1	84.9	103.7	82.6	173.4	510.1	13.5	.43	62	182	165	5.
5400	447.8	460.4	87.7	103.7	82.3	171.8	519.5	13.9	.42	63	183	166	5.
5500	444.4	465.4	90.7	103.1	82.0	170.5	526.0	14.2	.41	63	183	164	5.
5600	441.3	470.5	93.6	102.8	81.7	167.0	533.3	14.7	.40	63	183	165	5.
5700	438.5	475.9	96.7	102.8	81.4	165.9	543.7	15.0	.39	62	183	165	5.
5800	434.0	479.3	99.7	103.1	81.0	165.2	555.0	15.4	.39	62	183	165	6.
5900	431.5	484.7	102.8	103.2	80.7	166.6	565.6	15.6	.39	62	183	165	6.
6000	430.7	492.0	106.0	103.0	80.4	165.9	573.7	15.9	.38	62	184	166	6.
6100	425.6	494.3	109.6	103.1	80.0	161.0	585.6	16.7	.37	60	184	166	6.
6200	419.2	494.9	113.7	102.9	79.4	157.0	595.5	17.4	.36	59	184	166	6.
6300	413.9	496.5	117.7	102.5	78.9	149.5	601.5	18.5	.34	60	184	166	6.
6400	411.7	501.7	121.9	103.2	78.4	148.7	615.0	19.0	.34	61	184	167	6.
6500	407.7	504.6	126.0	102.5	77.9	153.2	619.2	18.6	.34	62	184	167	6
6600	402.8	506.2	130.3	102.0	77.4	164.7	625.2	17.4	.37	62	184	167	6.
6700	396.5	505.8	134.6	101.3	76.8	115.5	630.6	25.1	.26	62	184	167	6
6800	387.8	502.1	139.1	100.6	76.1	112.7	636.5	25.9	.25	61	184	168	6
6900	381.7	501.5	143.5	99.7	75.5	114.2	641.0	25.8	.26	60	184	168	6
7000	375.9	501.0	148.9	99.4	74.7	79.1	648.0	37.6	.18	61	184	168	6

20% ETHANOL
80% 110 OCT. RACE fuel

Standard Corrected Data for 29.92 inches Hg. 60 F dry air Test# 29

Test: 300 RPM/Sec Acceleration Fuel Spec. Grav.: .793 Air Sensor: 9.0
Vapor Pressure: .20 Barometric Pres.: 27.74 Ratio: 1.00 TO 1
Engine Type: 4-Cycle Spark Engine displacement: 357.0 Stroke: 3.480

RPM	CBT Lb-Ft	CBHP	FHP	VE%	ME%	FA+FB Lb/Hr	A1 scfm	A/F	BSFC	CAT F	OIL Out	WAT Out	BSAC
4600	436.2	382.0	66.5	95.8	83.8	242.2	413.5	7.8	.71	67	158	164	5.53
4700	437.1	391.2	69.0	95.2	83.6	242.9	419.5	7.9	.69	67	158	165	5.48
4800	439.9	402.0	71.7	95.8	83.5	246.8	431.6	8.0	.68	67	158	165	5.48
4900	445.6	415.7	74.3	96.0	83.4	245.8	441.2	8.2	.66	67	158	166	5.42
5000	448.2	426.7	77.0	97.0	83.3	247.6	454.8	8.4	.65	67	158	166	5.44
5100	447.2	434.3	79.7	97.2	83.0	252.8	465.2	8.5	.65	67	159	166	5.47
5200	447.8	443.4	82.5	98.0	82.8	261.8	478.1	8.4	.66	67	159	166	5.51
5300	448.7	452.8	85.4	98.5	82.6	269.9	489.6	8.3	.66	67	160	167	5.53
5400	448.1	460.7	88.2	98.6	82.4	272.5	499.1	8.4	.66	67	160	167	5.54
5500	449.3	470.5	91.2	99.3	82.2	280.3	512.3	8.4	.66	67	160	167	5.57
5600	448.3	478.0	94.2	99.0	82.0	283.9	520.2	8.4	.66	67	160	167	5.57
5700	450.3	488.7	97.2	100.0	81.8	291.9	534.4	8.4	.67	67	160	167	5.60
5800	445.0	491.4	100.3	99.6	81.5	293.5	541.5	8.5	.67	67	160	167	5.64
5900	446.0	501.0	103.4	100.3	81.3	304.9	555.3	8.4	.68	67	160	167	5.68
6000	444.5	507.8	106.6	100.9	81.0	321.4	567.4	8.1	.71	67	160	167	5.72
6100	441.7	513.0	110.2	100.9	80.7	328.8	577.3	8.1	.72	67	160	167	5.77
6200	440.0	519.4	114.3	100.7	80.3	331.7	585.5	8.1	.71	67	160	167	5.78
6300	437.6	524.9	118.4	100.9	79.9	338.8	596.3	8.1	.72	67	160	167	5.83
6400	433.7	528.5	122.5	100.0	79.4	330.6	600.4	8.3	.70	67	160	167	5.83
6500	429.6	531.7	126.7	99.3	78.9	345.8	605.7	8.0	.73	67	161	167	5.85
6600	427.1	536.7	131.1	99.0	78.5	359.1	611.4	7.8	.75	68	161	167	5.86
6700	421.3	537.5	135.4	98.2	78.0	360.3	614.3	7.8	.75	69	161	167	5.89
6800	416.4	539.1	139.8	97.8	77.4	354.4	620.8	8.0	.74	69	161	167	5.94
6900	409.8	538.4	144.4	97.1	76.8	353.5	625.7	8.1	.74	69	161	167	6.00
7000	406.1	541.3	149.7	96.9	76.3	357.7	633.4	8.1	.74	69	161	168	6.05
7100	398.9	539.3	155.2	96.4	75.5	358.6	639.9	8.2	.75	68	161	168	6.13
7200	390.4	535.2	160.8	95.7	74.7	362.7	646.5	8.2	.76	67	161	168	6.24
7300	385.2	535.4	166.5	95.3	74.0	382.0	650.7	7.8	.81	68	161	169	6.29
7400	380.4	536.0	172.3	94.7	73.4	390.4	656.1	7.7	.82	68	161	169	6.35
7500	373.9	533.9	178.2	94.2	72.6	399.3	660.7	7.6	.85	68	161	169	6.42

97

100% ETHANOL

40°

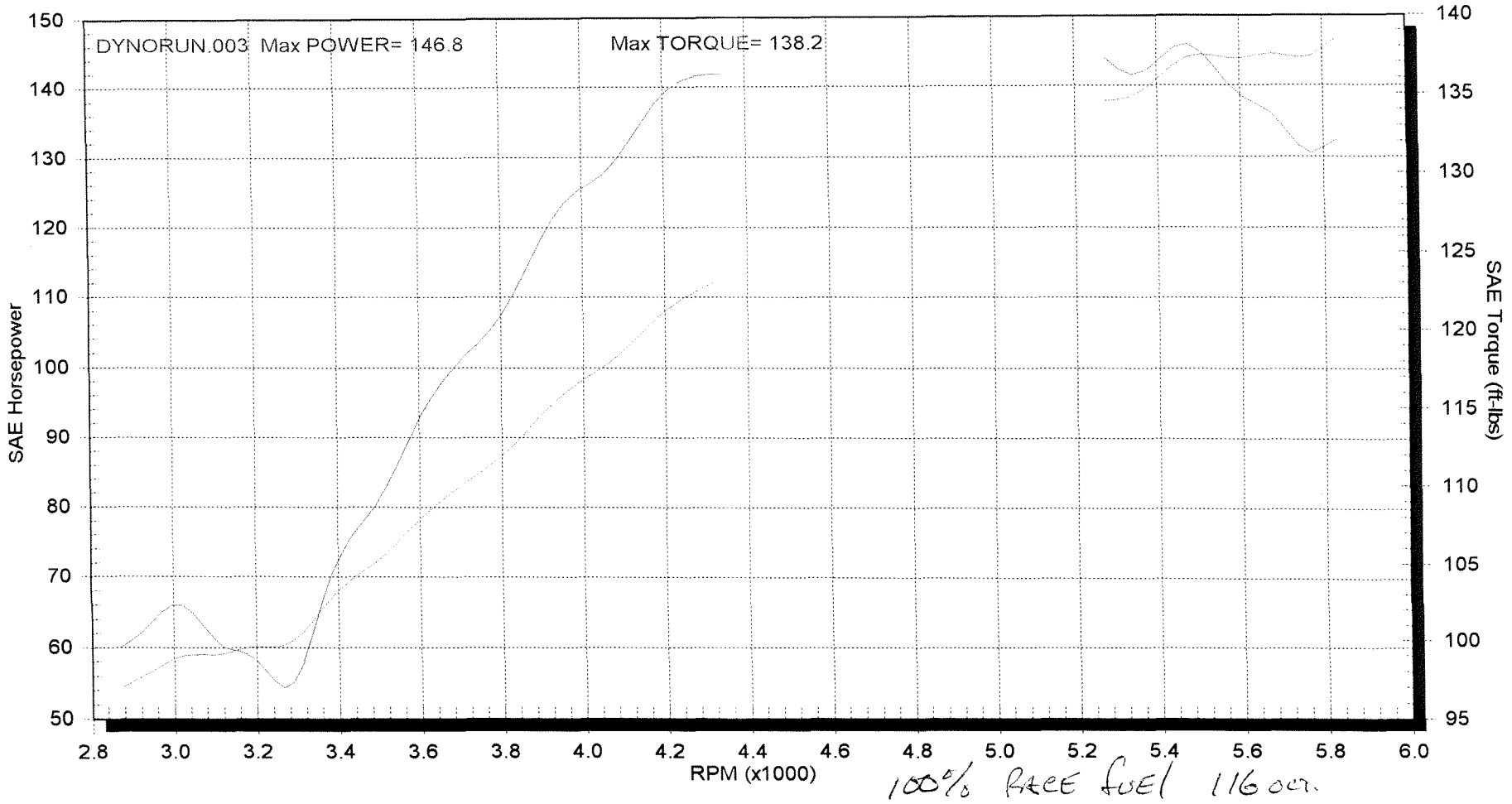
2" open

1.6 Ex. Rocker

DYNOJET Performance Evaluation Program

DYNORUN.003 BASELINERO 11/7/02 6:09:20 PM

CYCLE NUTS & BOLTS HARLEY- DAVIDSON



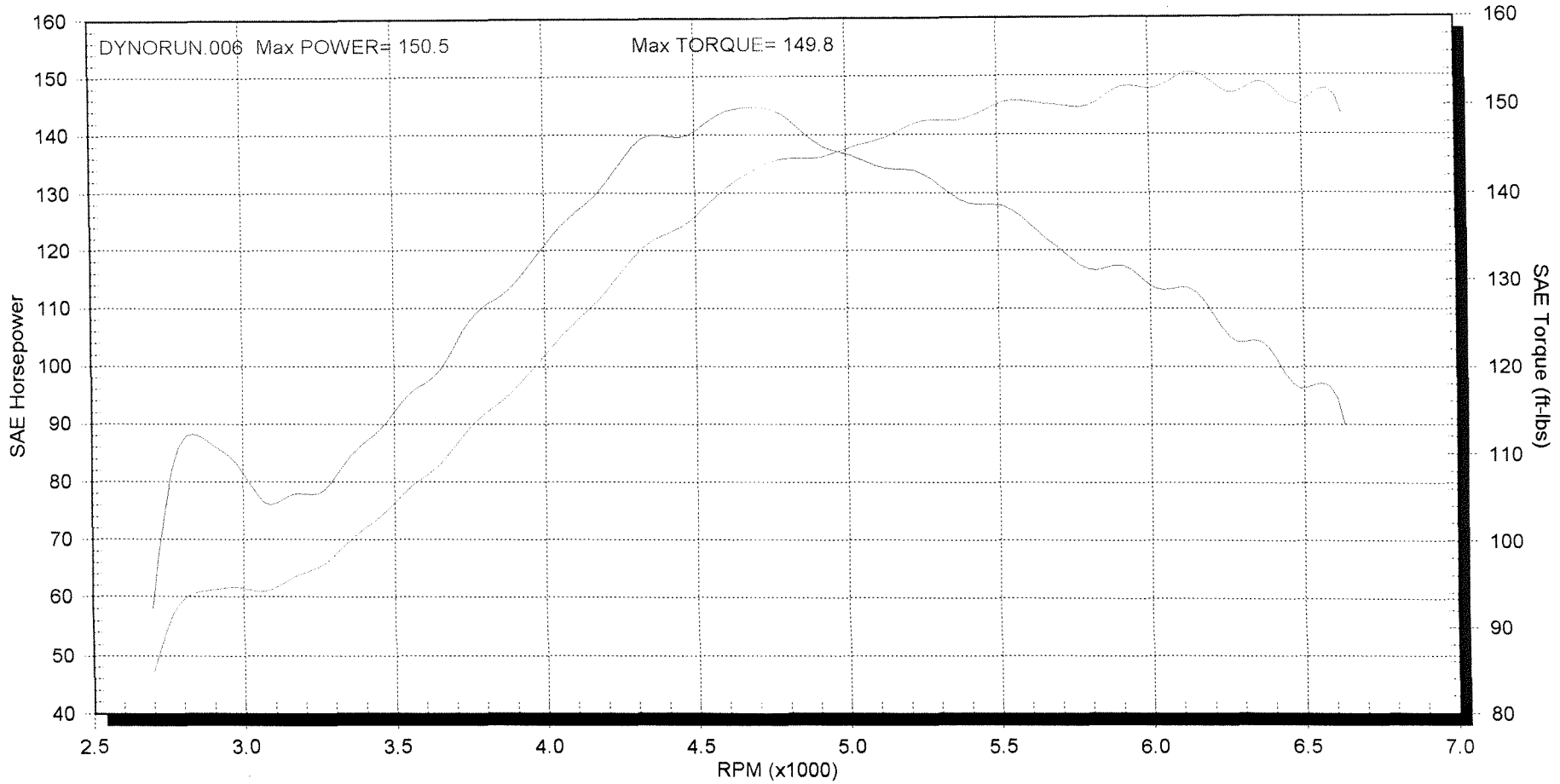
100% RACE FUEL 116 OCT.

DYNORUN.003 BASELINE RO 11/7/02 6:09:20 PM

DYNOJET Performance Evaluation Program

DYNORUN.006 25% 110 GASRO 11/7/02 6:32:08 PM

CYCLE NUTS & BOLTS HARLEY- DAVIDSON

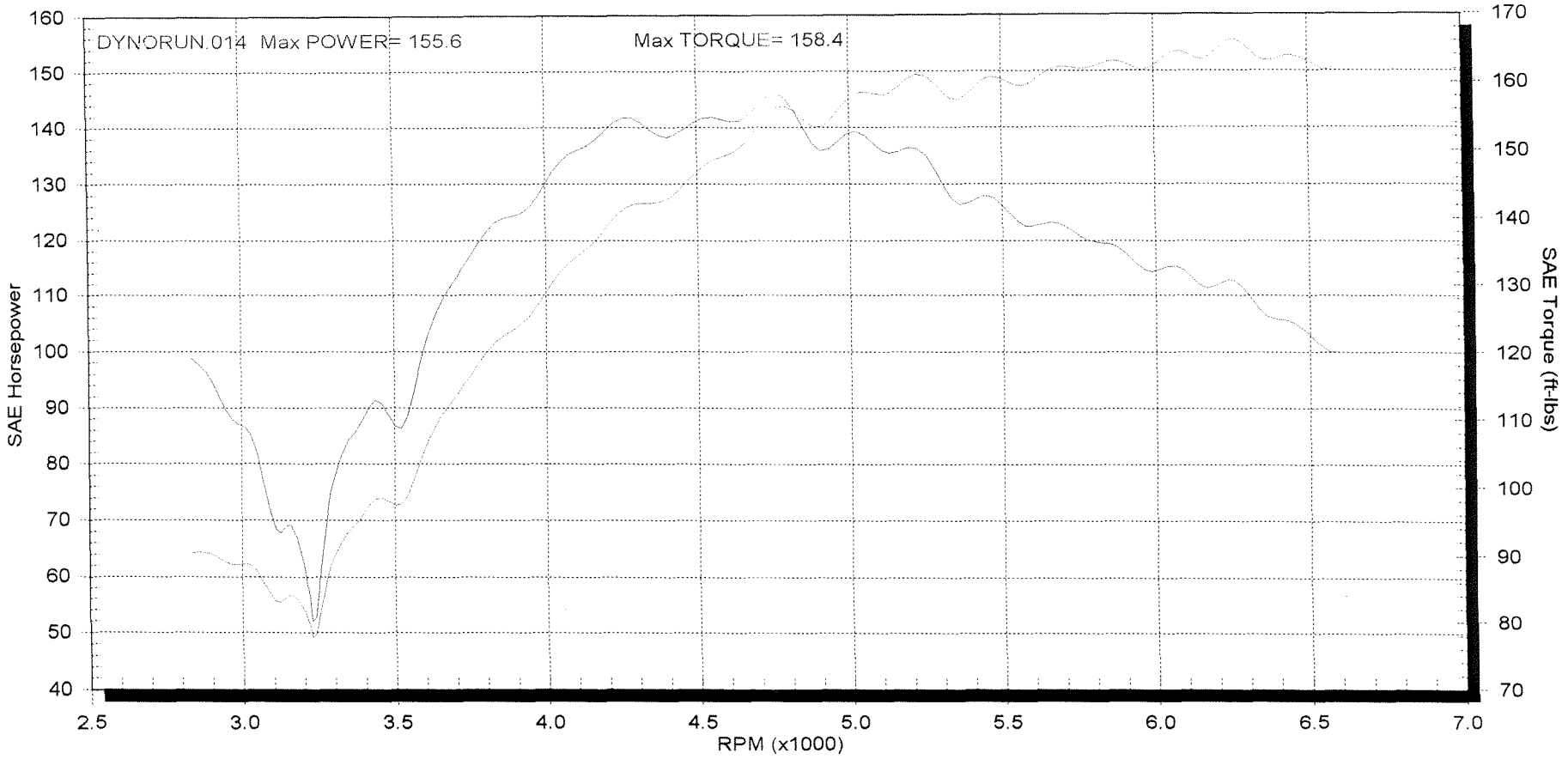


DYNORUN.006 25% 110 GAS RO 11/7/02 6:32:08 PM
86 MAIN JET

DYNOJET Performance Evaluation Program

DYNORUN.014 50%A 110 GASRO 11/7/02 8:42:54 PM

CYCLE NUTS & BOLTS HARLEY- DAVIDSON



DYNORUN.014 50%A 110 GAS RO 11/7/02 8:42:54 PM
110 MAIN 40 INTER
WENT FROM 76 TO 80 AIR BLEED ON MAIN