

Bonneville Pro - Version 3.2
Racing Systems Analysis - www.QUARTERjr.com

File: streamer.dat

Note: test case for Bonneville Pro 3.2

General Data		Engine Dyno Data			Transmission Data		
Elevation - feet	1000	RPM	HP	Torque	Torque Converter:		
Barometer - in Hg	29.92	3500	240	360	Stall RPM	5500	
Temperature - deg F	81	4500	326	380	Converter Slippage	1.060	
Relative Humidity - %	35	5500	419	400	Lock-up option?	No	
Wind Velocity - MPH	0.0	6500	523	423	Torque Multiplication	1.70	
Wind Angle - degs	0	7000	538	404			
-----		7500	521	365			
Track: El Mirage Dry Lake		8000	477	313			
Traction Index	8	8500	390	241	Gear	Ratio	Eff
		10500	73	37	2nd -	1.76	0.970
		11000	74	35	3rd -	1.00	0.990
Vehicle Data		11500	73	33			7500
Weight - lbs	1700	Fuel System:					100
Wheelbase - inches	175	Gasoline Carburetor					
		HP/Torque Multiplier	1.000				
Final Drive Data							
Gear Ratio	3.50	Aerodynamic Data					
Efficiency	0.970	Frontal Area - sq ft	13.1				
Tire Diameter - inches	32.6	Drag Coefficient	0.500				
Tire Width - inches	10.00	Lift Coefficient	0.150				
1.092	Time	Distance	MPH	Acceleration	Gear	RPM	
	0.00	0.00	0.0	1.36	1	5,500	
	2.00	0.02	56.8	0.98	1	5,500	
	4.00	0.06	93.9	0.74	1	6,790	
	4.39	0.07	100.0	0.68	1	7,230	
	4.66	0.08	103.8	0.63	1	7,500	
	4.91	0.09	106.4	0.46	2	5,690	
	6.00	0.12	116.9	0.42	2	5,760	
	6.17	0.13	118.5	0.41	2	5,770	
	8.00	0.19	133.7	0.35	2	5,880	
	9.57	0.25	144.8	0.30	2	5,960	
	10.00	0.27	147.5	0.29	2	6,040	
	12.00	0.35	159.5	0.26	2	6,530	
	14.00	0.44	169.8	0.21	2	6,950	
	15.17	0.50	174.8	0.18	2	7,150	
	16.00	0.54	177.8	0.16	2	7,270	
	18.00	0.64	183.7	0.11	2	7,510	
	20.00	0.74	187.8	0.08	2	7,680	
	20.10	0.75	188.0	0.08	2	7,680	
	22.00	0.85	190.7	0.05	2	7,790	
	24.00	0.96	192.6	0.04	2	7,870	
	24.82	1.00	193.2	0.03	2	7,890	
	26.00	1.06	193.9	0.03	2	7,920	
	26.67	1.10	194.3	0.02	2	7,940	
	28.00	1.17	194.8	0.02	2	7,960	
	28.52	1.20	195.0	0.02	2	7,970	
	30.00	1.28	195.5	0.01	2	7,980	
	30.37	1.30	195.6	0.01	2	7,990	