

Date: 11/19/2011 (Saturday)

## 1999 Pontiac Firebird Formula WS6 6-speed

Track: Beech Bend Raceway

Run #	1	2	3	4	5
Time	2:19	2:30	3:21	3:36	3:42
Engine temp	210°	210°	200°	210°	210°
Dial-in	-	-	-	-	-
Reaction	0.427	0.023	-.143	0.049	2.177
60'	2.250	2.236	2.107	2.064	2.142
330'	5.911	5.917	5.748	5.688	5.756
660'	8.848	8.867	8.698	8.616	8.671
MPH	85.71	83.81	83.21	84.62	84.23
1000'	-	11.382	11.214	11.125	11.170
1/4	<b>13.514</b>	<b>13.482</b>	<b>13.314</b>	<b>13.220</b>	<b>13.262</b>
MPH	-	<b>109.87</b>	<b>107.75</b>	<b>107.88</b>	<b>109.20</b>
W/L	L	L	W	W	L

### Notes:

- This is the second time at the track with this car. Engine has 85,500 miles, 100% stock engine, not even a K&N air filter
- Air temp was ~60 degrees during this time, wind was blowing from the side, clear sunny skies
- Engine temp was 200-210 on every run and was never allowed to fully cool down
- Tires are 6-month-old Continental street tires (called Extreme Contact) that actually worked well with a soft launch
- Original clutch, no shifts were WOT - always lifted
- 5/8 tank of 93 octane gas (from Nervous Charley's), race weight was 3,665 (3,480 w/o driver) after the 3rd run
- Modifications to the car: sub-frame connectors, B&M shifter, 4.10 gears, BMR tubular rear control arms and panhard bar
- On every run just drove around the water and pulled right up to the line
- Shifted about 5,700 -5,900 on all runs but not 100% sure because the tach lags. Went through the traps at top of 4th gear
- Run # 1** ~1,900 rpm at the line then let the clutch out and rolled down on the throttle. No wheel spin but the launch rpm was too low.
- Run # 1** ~2,300 rpm at the line then let the clutch out and rolled down on the throttle. No wheel spin but the launch rpm was too low.
- Run # 3** ~3,000 launch, tires just barely squeaked. Traction control kicked on for a split second b/c I had forgotten to turn it off until now.
- Run # 4** ~3,000 launch rpm and let the clutch out softly. Almost no wheel spin. Good clean pass.
- Run # 5** ~3,000 launch rpm and let the clutch out, the tires barely squeaked. I let the other car (loud) go first so I could hear my car.

**Conclusion:** Car ran quicker and faster than last year under very similar weather conditions. Only changes to the car are 10,000 more miles, new tires, and a new AC Delco air filter. A better 60' time is still possible with more time at the track. Didn't allow it to cool down, so I'm not sure if that would make a difference. Also might go quicker with WOT shifts, but didn't try because of the original clutch (which seemed to do fine). The new tires performed very well for regular street tires.