

CHASSIS SETUP SHEET

DATE: 4-9-17
 CAR: BGN TITAN/PEREZ #11
 TRACK: ROAD ATLANTA

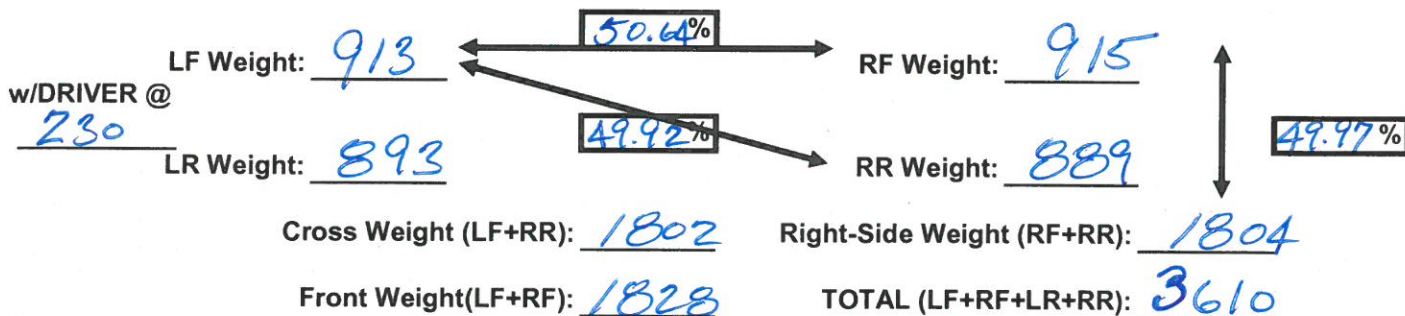
LF	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>800</u>
Anti-Dive & Slugs:	<u>0° (0-0)</u>
Camber & Shims:	<u>-2.5° ± +6/16</u>
Caster & Slugs:	<u>+6.0° (4-8) 20° steering</u>
Ride Height:	<u>5 3/8"</u>
Upper A-Arm Angle:	<u>20.2°</u>
Wheel Spacers:	<u>1/8"</u>

RF	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>800</u>
Anti-Dive & Slugs:	<u>0° (0-0)</u>
Camber & Shims:	<u>-2° ± +6/16</u>
Caster & Slugs:	<u>+6.0° (3/16-3/16) 20° steering</u>
Ride Height:	<u>6"</u>
Upper A-Arm Angle:	<u>18.3°</u>
Wheel Spacers:	<u>1/8"</u>

Front Valence Height:	LF= <u>4"</u>	RF= <u>4 1/8"</u>
Front / Rear Brake Bias:	FRONT: <u>550</u>	REAR: <u>500</u>
Front Toe-Out:	<u>1/8"</u>	
Front Sway Bar:	<u>1 1/8"</u>	HOLLOW / NEUTRAL
Rear Sway Bar:	<u>5/8"</u>	SOLID / NEUTRAL
Rear End Ratio:	<u>4.22:1</u>	
Rear Pinion Angle:	<u>3.1° Down</u>	SHIM: <u>2.0°</u>
Track Bar Height:	LR= <u>10 3/8"</u>	RR= <u>10 3/8"</u>
Fuel Level:	<u>FULL</u>	

LR	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>300</u>
Camber:	<u>-1.5°</u>
Ride Height:	<u>6 1/4"</u>
Trailing Arm Angle:	<u>0.9° REAR</u>
Wheel Spacers:	<u>1/4"</u>

RR	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>300</u>
Camber:	<u>-1.5°</u>
Ride Height:	<u>7"</u>
Trailing Arm Angle:	<u>1.0° REAR</u>
Wheel Spacers:	<u>1/8"</u>



- NOTES: * TOTAL WEIGHT w/DRIVER = 3610
 * HORBS = 100.8
 * INSTALLED NEW SIMPSON SEAT BELTS
 * INSTALLED NEW 5lb FUEL BOTTLE & PULLABLE
 * INSTALLED NEW FRONT CALIPERS (OUTLAW 9000)
 * BLEED FRONT BRAKES w/ MIGHTY VAC & MANUAL
 * REMOVED FRONT WINDSHIELD TO CLEAR

Track/Event: ROAD ATLANTA / THE MITTY

Date: 20 Apr 2017

Time: 0850

Test 1

Weather & Conditions: Partly Sunny 65° 77% RH
~~Partly Sunny~~

Lap Times:

- | | |
|--|--|
| 1) <u>2</u> (m) <u>11</u> . <u>14</u> (s) | 11) <u>1</u> (m) <u>38</u> . <u>00</u> (s) |
| 2) <u>1</u> (m) <u>51</u> . <u>98</u> (s) | 12) <u>1</u> (m) <u>37</u> . <u>58</u> (s) |
| 3) <u>1</u> (m) <u>46</u> . <u>06</u> (s) | 13) <u>2</u> (m) <u>53</u> . <u>15</u> (s) |
| 4) <u>1</u> (m) <u>49</u> . <u>76</u> (s) | 14) _____ (m) _____ . _____ (s) |
| 5) <u>1</u> (m) <u>46</u> . <u>07</u> (s) | 15) _____ (m) _____ . _____ (s) |
| 6) <u>1</u> (m) <u>44</u> . <u>37</u> (s) | 16) _____ (m) _____ . _____ (s) |
| 7) <u>1</u> (m) <u>39</u> . <u>54</u> (s) | 17) _____ (m) _____ . _____ (s) |
| 8) <u>1</u> (m) <u>39</u> . <u>17</u> (s) | 18) _____ (m) _____ . _____ (s) |
| 9) <u>1</u> (m) <u>37</u> . <u>37</u> (s) | 19) _____ (m) _____ . _____ (s) |
| 10) <u>1</u> (m) <u>39</u> . <u>33</u> (s) | 20) _____ (m) _____ . _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 30+ (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 27 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

Notes: 8 gal of fuel

HOBBS START: _____

HOBBS STOP: _____

15 min

MILES: _____

20.0

ENGINE OIL TEMP: _____

190°

ENGINE WATER TEMP: _____

170°

BRAKE ROTOR TEMP (LF/RF): _____

1

BRAKE ROTOR TEMP (LR/RR): _____

1

Track/Event: Road Atlanta | THE MITTY

Date: 4/20/17

Time: 12:45 Test 2

Weather & Conditions: 82° 54% Sunny; Hot

Lap Times:

- 1) 1 (m) 48 . 89 (s)
- 2) 1 (m) 39 . 98 (s)
- 3) 1 (m) 39 . 32 (s)
- 4) 1 (m) 37 . 31 (s)
- 5) 1 (m) 37 . 09 (s)
- 6) 1 (m) 36 . 01 (s)
- 7) 1 (m) 35 . 13 (s) *
- 8) 1 (m) 35 . 41 (s)
- 9) 1 (m) 36 . 22 (s)
- 10) 1 (m) 36 . 21 (s)
- 11) _____ (m) _____ . _____ (s)
- 12) _____ (m) _____ . _____ (s)
- 13) _____ (m) _____ . _____ (s)
- 14) _____ (m) _____ . _____ (s)
- 15) _____ (m) _____ . _____ (s)
- 16) _____ (m) _____ . _____ (s)
- 17) _____ (m) _____ . _____ (s)
- 18) _____ (m) _____ . _____ (s)
- 19) _____ (m) _____ . _____ (s)
- 20) _____ (m) _____ . _____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 29 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 28 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	_____ °F

Cold: 19 (psi) Hot: 24 1/2 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	_____ °F

Cold: 19 (psi) Hot: 25 (psi)

Notes: ~~2 gallons of fuel~~
5 1/2 gallons of fuel

HOBBS START: _____
HOBBS STOP: _____ 19mzn

MILES: 27.5

ENGINE OIL TEMP: 210
ENGINE WATER TEMP: 180

BRAKE ROTOR TEMP (LF/RF): /
BRAKE ROTOR TEMP (LR/RR): /

Track/Event: Road Atlanta - The Mitty

Date: 4/20/17 Time: 3:45 TEST 3

Weather & Conditions: 85°; 48% Hum; Sunny

Lap Times:

- 1) 2 (m) 38 . 35 (s)
- 2) 1 (m) 39 . 66 (s)
- 3) 1 (m) 37 . 58 (s)
- 4) 1 (m) 37 . 70 (s)
- 5) 1 (m) 37 . 61 (s)
- 6) 3 (m) 03 . 38 (s)
- 7) _____ (m) _____ . _____ (s)
- 8) _____ (m) _____ . _____ (s)
- 9) _____ (m) _____ . _____ (s)
- 10) _____ (m) _____ . _____ (s)
- 11) _____ (m) _____ . _____ (s)
- 12) _____ (m) _____ . _____ (s)
- 13) _____ (m) _____ . _____ (s)
- 14) _____ (m) _____ . _____ (s)
- 15) _____ (m) _____ . _____ (s)
- 16) _____ (m) _____ . _____ (s)
- 17) _____ (m) _____ . _____ (s)
- 18) _____ (m) _____ . _____ (s)
- 19) _____ (m) _____ . _____ (s)
- 20) _____ (m) _____ . _____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 27 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 25 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes:

After 2 laps came in & changed right front tire (20psi)

4 1/2 gallons of gas

Tire had worn spots & tread exposed

HOBBS START: _____
HOBBS STOP: _____ 13mza

MILES: 15.4

ENGINE OIL TEMP: 205
ENGINE WATER TEMP: 180

BRAKE ROTOR TEMP (LF/RF): /
BRAKE ROTOR TEMP (LR/RR): /

Track/Event: Road Atlanta/The Mitty
 Date: 4/21/17 Time: 08:00 Q-1
 Weather & Conditions: 68°; 71° Sunny

Lap Times:

- | | |
|---|---------------------------------|
| 1) <u>1</u> (m) <u>57</u> . <u>13</u> (s) | 11) _____ (m) _____ . _____ (s) |
| 2) <u>1</u> (m) <u>47</u> . <u>52</u> (s) | 12) _____ (m) _____ . _____ (s) |
| 3) <u>1</u> (m) <u>49</u> . <u>82</u> (s) | 13) _____ (m) _____ . _____ (s) |
| 4) <u>1</u> (m) <u>36</u> . <u>41</u> (s) | 14) _____ (m) _____ . _____ (s) |
| 5) <u>1</u> (m) <u>36</u> . <u>34</u> (s) | 15) _____ (m) _____ . _____ (s) |
| 6) <u>1</u> (m) <u>35</u> . <u>85</u> (s) | 16) _____ (m) _____ . _____ (s) |
| 7) <u>1</u> (m) <u>34</u> . <u>56</u> (s) * | 17) _____ (m) _____ . _____ (s) |
| 8) <u>2</u> (m) <u>46</u> . <u>14</u> (s) | 18) _____ (m) _____ . _____ (s) |
| 9) _____ (m) _____ . _____ (s) | 19) _____ (m) _____ . _____ (s) |
| 10) _____ (m) _____ . _____ (s) | 20) _____ (m) _____ . _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 29 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 27 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 245 (psi)

Notes: _____

HOBBS START: _____
 HOBBS STOP: _____ 15 min

MILES: 20.0

ENGINE OIL TEMP: 190
 ENGINE WATER TEMP: 170

BRAKE ROTOR TEMP (LF/RF): /
 BRAKE ROTOR TEMP (LR/RR): /

2017 HSR The Mitty

Sorted on Best Lap time

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 Qualifying 1

4/21/2017 08:00 AM

Qualifying started at 8:00:33

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	2	Etienne Borgeat	9X	1:25.617	14 Porsche 991 Cup 3800cc	Wht/Sil/Blk	Montreal Que
2	98	Reese Cox	GT1A	1:26.195	06 Chevy Corvette Z06 7000cc	Black	Marietta GA
3	17	Patrick Dussault	9X	1:26.203	17 Porsche 991 Cup 4000cc	Red/Blk/Sil	
4	19	Dick Howe	GT1C	1:26.388	89 Ford Mustang T/A 5866cc	Red (Whistler)	Rutland VT
5	8	Alex Welch	GT3	1:26.676	12 Porsche 997 GT3 RSR 3996cc	Wht/Org	Englewood CO
6	961	Chris Cook	GT1A	1:27.568	80 Chevy Nova 5866cc	Pur/Wht	Lexington KY
7	423	Aaron Hudson	GT3	1:28.072	06 Porsche 997.2 Cup 4200cc	Black	Canton GA
8	411	David Donner	GT3	1:28.228	12 Porsche 997 GT3R 4000cc	Blk/Sil/Red	
9	9	Brian Norman	SCA	1:28.241	06 Dodge Charger 5927cc	Wht/Blu	Loganville GA
10	44	Josh Simpson	GT3	1:28.247	12 Porsche 997 RSR 4000cc	White	Naples FL
11	81	Juan Gonzalez	9X	1:28.443	17 Porsche 991 GT3R 4000cc	Blu/Wht (Grun	Dallas TX
12	33	John Finger	SCA	1:28.470	02 Chevy Monte Carlo 5927cc	Wht/Blu (Oakv	Greenville SC
13	22	Jack Finch	SCA	1:28.539	02 Dodge Charger 5866cc	Yellow	Thomasville NC
14	06	David Richardson	GT3	1:28.763	07 Porsche 997.2 Cup 4000cc	Wht/Grn	Duluth GA
15	040	Andrea Robertson	GT2A	1:29.776	06 Ford GT Mk 7 5000cc	Red/Sil	Ray MI
16	496	Les Long	GT3	1:30.198	07 Porsche 997 Cup 4000cc	Wht/Blu	Stansbury Park UT
17	88	Henri Sicotte	GT2A	1:30.393	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
18	41	Phil Lasco	9X	1:30.429	16 Chevy Camaro TA2 6200cc	Blu/Grn/Wht	Venice FL
19	72	Frank DePew	GT2B	1:30.520	93 Porsche 964 Turbo S 3600cc	White	Midlothian VA
20	26	Pete Kirill	GT1B	1:30.776	00 Chevy Corvette GT1 5700cc	Blue	Jacksonville FL
21	71	Patrick Mullaney	GT2A	1:31.153	06 Ford GT-R 6200cc	Black	Naples FL
22	96	Francisco Melandri	GT2B	1:31.972	96 Porsche 993 GT2 Evo 3800cc/T	Black	Boston MA
23	90	Brent Bernath	SCA	1:34.095	06 Ford Fusion 5927cc	Blu/Sil/Red	Atlanta GA
24	11	John Orzechowski	SCB	1:34.511	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
25	63	Ron Valles	GT2A	1:35.637	06 Mazda RX8 2000cc/R	Org/Wht/Blu	Buford GA
26	19*	Frank Marcum	SCA	1:35.672	08 Dodge Charger CoT 5866cc	Blk/Yel (Stanle	Lexington KY
27	51	Hartmut von Seelen	GT2B	1:36.087	74 Porsche 911 RSR 3600cc	Yellow	Greenwood SC
28	122	Alan Davison	GT2B	1:38.601	00 Panoz GTS 7000cc	Sil/Blu/Org	Springdale AR
29	74	Glenn Chaplin	GT3	1:41.262	12 Ford Boss 302R 5000cc	Wht/Red/Blk	Vaudreuil Que

Orbits



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Track/Event: Road Atlanta - The M. Hy

Date: 4/21/17

Time: 11:30

Q-2

Weather & Conditions: 86° 50% Sunny; Hot

Lap Times:

- 1) 1 (m) 49.25 (s)
- 2) 1 (m) 38.01 (s)
- 3) 1 (m) 36.10 (s)
- 4) 1 (m) 35.33 (s)
- 5) 1 (m) 35.32 (s)
- 6) 1 (m) 35.40 (s)
- 7) 2 (m) 59.06 (s)
- 8) ____ (m) ____ (s)
- 9) ____ (m) ____ (s)
- 10) ____ (m) ____ (s)

- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 28 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 27 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 23 1/2 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes:

Outlap - Threw a oil pump belt. came to pit for replacemnt.

10 gallons of fuel

HOBBS START: _____
HOBBS STOP: _____ 13 mid

MILES: 17.5

ENGINE OIL TEMP: 215
ENGINE WATER TEMP: 180

BRAKE ROTOR TEMP (LF/RF): /
BRAKE ROTOR TEMP (LR/RR): /

2017 HSR The Mitty

Sorted on Best Lap time

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 Qualifying 2

4/21/2017 11:30 AM

Qualifying started at 11:30:11

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	19	Dick Howe	GT1C	1:26.589	89 Ford Mustang T/A 5866cc	Red (Whistler)	Rutland VT
2	8	Alex Welch	GT3	1:27.000	12 Porsche 997 GT3 RSR 3996cc	Wht/Org	Englewood CO
3	64	Robert Blain	GT1B	1:27.193	04 Chevy Corvette C6R 7000cc	Yellow	Bonita Springs FL
4	171	Patrick Dussault	9X	1:27.247	17 Porsche 991 Cup 4000cc	Red/Blk/Sil	
5	44	Josh Simpson	GT3	1:27.271	12 Porsche 997 RSR 4000cc	White	Naples FL
6	961	Chris Cook	GT1A	1:27.788	80 Chevy Nova 5866cc	Pur/Wht	Lexington KY
7	423	Aaron Hudson	GT3	1:27.799	06 Porsche 997.2 Cup 4200cc	Black	Canton GA
8	496	Les Long	GT3	1:29.150	07 Porsche 997 Cup 4000cc	Wht/Blu	Stansbury Park UT
9	81	Juan Gonzalez	9X	1:29.528	17 Porsche 991 GT3R 4000cc	Blu/Wht (Grun	Dallas TX
10	71	Patrick Mullaney	GT2A	1:29.893	06 Ford GT-R 6200cc	Black	Naples FL
11	63	Ron Valles	GT2A	1:29.934	06 Mazda RX8 2000cc/R	Org/Wht/Blu	Buford GA
12	22	Jack Finch	SCA	1:30.006	02 Dodge Charger 5866cc	Yellow	Thomasville NC
13	33	John Finger	SCA	1:30.020	02 Chevy Monte Carlo 5927cc	Wht/Blu (Oakv	Greenville SC
14	26	Pete Kirill	GT1B	1:30.211	00 Chevy Corvette GT1 5700cc	Blue	Jacksonville FL
15	040	Andrea Robertson	GT2A	1:30.403	06 Ford GT Mk 7 5000cc	Red/Sil	Ray MI
16	41	Phil Lasco	9X	1:30.623	16 Chevy Camaro TA2 6200cc	Blu/Grn/Wht	Venice FL
17	06	David Richardson	GT3	1:30.742	07 Porsche 997.2 Cup 4000cc	Wht/Grn	Duluth GA
18	96	Francisco Melandri	GT2B	1:31.100	96 Porsche 993 GT2 Evo 3800cc/T	Black	Boston MA
19	88	Henri Sicotte	GT2A	1:31.263	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
20	72	Frank DePew	GT2B	1:31.528	93 Porsche 964 Turbo S 3600cc	White	Midlothian VA
21	19*	Frank Marcum	SCA	1:34.142	08 Dodge Charger CoT 5866cc	Blk/Yel (Stanle	Lexington KY
22	51	Hartmut von Seelen	GT2B	1:35.111	74 Porsche 911 RSR 3600cc	Yellow	Greenwood SC
23	11	John Orzechowski	SCB	1:35.341	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
24	7	Larry Hoopaugh	SCA	1:35.734	04 Chevrolet Monte Carlo 5866cc	White	Chester SC
25	90	Brent Bernath	SCA	1:37.340	06 Ford Fusion 5927cc	Blu/Sil/Red	Atlanta GA
26	122	Alan Davison	GT2B	1:37.959	00 Panoz GTS 7000cc	Sil/Blu/Org	Springdale AR
27	02	David Roberts	GT2A	1:39.056	06 Chevy Corvette C5/6 6000cc	Red	Weddington NC
28	74	Glenn Chaplin	GT3	1:40.835	12 Ford Boss 302R 5000cc	Wht/Red/Blk	Vaudreuil Que

Announcements

#02 - No transponder detected, manually timed when possible

Orbits



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Track/Event: ROAD ATLANTA | THE MITTY

Date: 22 April 2017 Time: 0800 QUAL#3

Weather & Conditions: 68° 66° Sunny

Lap Times:

- | | |
|---|---------------------------------|
| 1) <u>2</u> (m) <u>25</u> . <u>87</u> (s) | 11) _____ (m) _____ . _____ (s) |
| 2) <u>1</u> (m) <u>39</u> . <u>61</u> (s) | 12) _____ (m) _____ . _____ (s) |
| 3) <u>1</u> (m) <u>35</u> . <u>95</u> (s) | 13) _____ (m) _____ . _____ (s) |
| 4) <u>1</u> (m) <u>37</u> . <u>21</u> (s) | 14) _____ (m) _____ . _____ (s) |
| 5) <u>1</u> (m) <u>37</u> . <u>32</u> (s) | 15) _____ (m) _____ . _____ (s) |
| 6) <u>1</u> (m) <u>33</u> . <u>66</u> (s) ✓ | 16) _____ (m) _____ . _____ (s) |
| 7) <u>3</u> (m) <u>09</u> . <u>09</u> (s) | 17) _____ (m) _____ . _____ (s) |
| 8) _____ (m) _____ . _____ (s) | 18) _____ (m) _____ . _____ (s) |
| 9) _____ (m) _____ . _____ (s) | 19) _____ (m) _____ . _____ (s) |
| 10) _____ (m) _____ . _____ (s) | 20) _____ (m) _____ . _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 29 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 27 1/2 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes: D4722 tires on car

4 gallons of fuel

HOBBS START: _____

HOBBS STOP: _____ 14m34

MILES: 17.6

ENGINE OIL TEMP: 200

ENGINE WATER TEMP: 170

BRAKE ROTOR TEMP (LF/RF): /

BRAKE ROTOR TEMP (LR/RR): /

2017 HSR The Mitty

Sorted on Best Lap time

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 Qualifying 3

4/22/2017 08:00 AM

Qualifying started at 7:59:13

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	8	Alex Welch	GT3	1:24.738	12 Porsche 997 GT3 RSR 3996cc	Wht/Org	Englewood CO
2	19	Dick Howe	GT1C	1:26.087	89 Ford Mustang T/A 5866cc	Red (Whistler)	Rutland VT
3	98	Reese Cox	GT1A	1:26.786	06 Chevy Corvette Z06 7000cc	Black	Marietta GA
4	961	Chris Cook	GT1A	1:26.812	80 Chevy Nova 5866cc	Pur/Wht	Lexington KY
5	171	Patrick Dussault	9X	1:26.944	17 Porsche 991 Cup 4000cc	Red/Blk/Sil	Montreal QB
6	22	Jack Finch	SCA	1:28.081	02 Dodge Charger 5866cc	Yellow	Thomasville NC
7	2	Etienne Borgeat	9X	1:28.539	14 Porsche 991 Cup 3800cc	Wht/Sil/Blk	Montreal Que
8	9	Brian Norman	SCA	1:28.875	06 Dodge Charger 5927cc	Wht/Blu	Loganville GA
9	81	Juan Gonzalez	9X	1:29.054	17 Porsche 991 GT3R 4000cc	Blu/Wht (Gruma)	Dallas TX
10	26	Pete Kirill	GT1B	1:29.117	00 Chevy Corvette GT1 5700cc	Blue	Jacksonville FL
11	44	Josh Simpson	GT3	1:29.402	12 Porsche 997 RSR 4000cc	White	Naples FL
12	64	Robert Blain	GT1B	1:29.438	04 Chevy Corvette C6R 7000cc	Yellow	Bonita Springs FL
13	33	John Finger	SCA	1:29.495	02 Chevy Monte Carlo 5927cc	Wht/Blu (Oakwood Homes)	Greenville SC
14	496	Les Long	GT3	1:30.342	07 Porsche 997 Cup 4000cc	Wht/Blu	Stansbury Park UT
15	06	David Richardson	GT3	1:31.645	07 Porsche 997.2 Cup 4000cc	Wht/Grn	Duluth GA
16	88	Henri Sicotte	GT2A	1:31.699	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
17	72	Frank DePew	GT2B	1:32.677	93 Porsche 964 Turbo S 3600cc	White	Midlothian VA
18	96	Francisco Melandri	GT2B	1:33.661	96 Porsche 993 GT2 Evo 3800cc/T	Black	Boston MA
19	11	John Orzechowski	SCB	1:33.672	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
20	119	Frank Marcum	SCA	1:34.282	08 Dodge Charger CoT 5866cc	Blk/Yel (Stanley)	Lexington KY
21	51	Hartmut von Seelen	GT2B	1:35.573	74 Porsche 911 RSR 3600cc	Yellow	Greenwood SC
22	040	Andrea Robertson	GT2A	1:35.690	06 Ford GT Mk 7 5000cc	Red/Sil	Ray MI
23	7	Larry Hoopaugh	SCA	1:36.392	04 Chevrolet Monte Carlo 5866cc	White	Chester SC
24	122	Alan Davison	GT2B	1:37.086	00 Panoz GTS 7000cc	Sil/Blu/Org	Springdale AR
25	63	Ron Valles	GT2A	1:38.427	06 Mazda RX8 2000cc/R	Org/Wht/Blu	Buford GA
26	90	Brent Bernath	SCA	1:38.928	06 Ford Fusion 5927cc	Blu/Sil/Red	Atlanta GA
27	74	Glenn Chaplin	GT3	1:38.943	12 Ford Boss 302R 5000cc	Wht/Red/Blk	Vaudreuil Que
28	02	David Roberts	GT2A	1:41.337	06 Chevy Corvette C5/6 6000cc	Red	Weddington NC
29	71	Patrick Mullaney	GT2A	1:41.703	06 Ford GT-R 6200cc	Black	Naples FL
30	40	Gary Stach	SCB	1:59.863	06 Chevy Monte Carlo 5866cc	Wht/Blu	Pickens SC

Announcements

#02 - No transponder detected, manually timed for a grid position

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Track/Event: Road Atlanta/The M. Hy - Sprint 1

Date: 4/22/17

Time: 3:15

Weather & Conditions: 88°, 35% Sunny, Hot

Lap Times:

- 1) 2 (m) 27.40 (s)
- 2) 1 (m) 42.07 (s)
- 3) 1 (m) 36.32 (s)
- 4) 1 (m) 34.88 (s)
- 5) 1 (m) 34.45 (s)
- 6) 1 (m) 38.06 (s)
- 7) 1 (m) 34.69 (s)
- 8) 1 (m) 34.97 (s)
- 9) 3 (m) 22.94 (s)
- 10) _____ (m) _____ (s)

- 11) _____ (m) _____ (s)
- 12) _____ (m) _____ (s)
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- 15) _____ (m) _____ (s)
- 16) _____ (m) _____ (s)
- 17) _____ (m) _____ (s)
- 18) _____ (m) _____ (s)
- 19) _____ (m) _____ (s)
- 20) _____ (m) _____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 29 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 21 (psi) Hot: 29 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes:

Plugged R/F

HOBBS START: _____
 HOBBS STOP: _____ 17 mzd

MILES: 22.6

ENGINE OIL TEMP: 230
 ENGINE WATER TEMP: 180

BRAKE ROTOR TEMP (LF/RF): /
 BRAKE ROTOR TEMP (LR/RR): /

2017 HSR The Mitty

Sorted on Laps

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 WeatherTech Sprint Race 1

4/22/2017 03:15 PM

Race (7 Laps) started at 15:21:51

Pos	No.	PIC	Name	Class	Laps	Best Tm	Car Info	Hometown
1	19	1	Dick Howe	GT1C	7	1:24.901	89 Ford Mustang T/A 5866cc	Rutland VT
2	961	2	Chris Cook	GT1C	7	1:25.985	80 Chevy Nova 5866cc	Lexington KY
3	2	1	Etienne Borgeat	9X	7	1:27.453	14 Porsche 991 Cup 3800cc	Montreal Que
4	64	1	Robert Blain	GT1B	7	1:26.385	04 Chevy Corvette C6R 7000cc	Bonita Springs FL
5	8	1	Alex Welch	GT3	7	1:27.514	12 Porsche 997 GT3 RSR 3996cc	Englewood CO
6	171	2	Patrick Dussault	9X	7	1:27.096	17 Porsche 991 Cup 4000cc	Montreal QB
7	22	1	Jack Finch	SCA	7	1:29.112	02 Dodge Charger 5866cc	Thomasville NC
8	33	2	John Finger	SCA	7	1:29.009	02 Chevy Monte Carlo 5927cc	Greenville SC
9	26	2	Pete Kirill	GT1B	7	1:29.844	00 Chevy Corvette GT1 5700cc	Jacksonville FL
10	81	3	Juan Gonzalez	9X	7	1:29.386	17 Porsche 991 GT3R 4000cc	Dallas TX
11	44	2	Josh Simpson	GT3	7	1:28.265	12 Porsche 997 RSR 4000cc	Naples FL
12	9	3	Brian Norman	SCA	7	1:30.764	06 Dodge Charger 5927cc	Loganville GA
13	06	3	David Richardson	GT3	7	1:30.689	07 Porsche 997.2 Cup 4000cc	Duluth GA
14	040	1	Andrea Robertson	GT2A	7	1:30.232	06 Ford GT Mk 7 5000cc	Ray MI
15	88	2	Henri Sicotte	GT2A	7	1:30.567	10 Chevy Camaro GT.R 6200cc	St-Colomban Que
16	11	1	John Orzechowski	SCB	7	1:34.432	97 Ford T-Bird 5927cc	Frederick MD
17	119	4	Frank Marcum	SCA	7	1:34.183	08 Dodge Charger CoT 5866cc	Lexington KY
18	90	5	Brent Bernath	SCA	7	1:35.411	06 Ford Fusion 5927cc	Atlanta GA
19	63	3	Ron Valles	GT2A	7	1:36.222	06 Mazda RX8 2000cc/R	Buford GA
20	51	1	Hartmut von Seelen	GT2B	7	1:36.820	74 Porsche 911 RSR 3600cc	Greenwood SC
21	122	2	Alan Davison	GT2B	7	1:38.271	00 Panoz GTS 7000cc	Springdale AR
22	41	4	Phil Lasco	9X	6	1:29.816	16 Chevy Camaro TA2 6200cc	Venice FL
23	7	2	Larry Hoopaugh	SCB	6	1:36.613	04 Chevrolet Monte Carlo 5866cc	Chester SC
24	74	4	Glenn Chaplin	GT3	6	1:41.692	12 Ford Boss 302R 5000cc	Vaudreuil Que
25	98	1	Reese Cox	GT1A	5	1:30.012	06 Chevy Corvette Z06 7000cc	Marietta GA
26	40	3	Gary Stach	SCB	5	1:58.966	06 Chevy Monte Carlo 5866cc	Pickens SC
27	423	5	Aaron Hudson	GT3			06 Porsche 997.2 Cup 4200cc	Canton GA

Announcements

"X" Class cars not eligible for Points, Podium or Awards.

Margin of Victory	Avg. Speed	Best Lap Tm	Best Speed	Best Lap by
0.03	105.111	1:24.901	107.702	19 - Dick Howe

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Track/Event: ROAD ATLANTA / THE LITTLE BRANTZ

Date: 4-23-17

Time: 9:15 AM

Weather & Conditions: 63°F 77% RH OVERCAST / DRIZZLE

Lap Times:

- 1) 2 (m) 40.37 (s)
- 2) 2 (m) 41.35 (s)
- 3) 2 (m) 09.62 (s)
- 4) 2 (m) 03.45 (s)
- 5) 2 (m) 02.96 (s)
- 6) 1 (m) 59.77 (s)
- 7) 1 (m) 59.19 (s)
- 8) 1 (m) 57.16 (s)
- 9) 1 (m) 59.84 (s)
- 10) 3 (m) 01.74 (s)

- 11) ____ (m) ____ . ____ (s)
- 12) ____ (m) ____ . ____ (s)
- 13) ____ (m) ____ . ____ (s)
- 14) ____ (m) ____ . ____ (s)
- 15) ____ (m) ____ . ____ (s)
- 16) ____ (m) ____ . ____ (s)
- 17) ____ (m) ____ . ____ (s)
- 18) ____ (m) ____ . ____ (s)
- 19) ____ (m) ____ . ____ (s)
- 20) ____ (m) ____ . ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: ____ (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 21 (psi) Hot: ____ (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: ____ (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: ____ (psi)

Notes:

2 PACE LAPS

FINISH 1ST IN CLASS

3RD OVERALL

HOBBS START: ____
HOBBS STOP: ____ 23 min

MILES: 25

ENGINE OIL TEMP: 160
ENGINE WATER TEMP: 140

TOTAL TIME = 2:15
TOTAL MILEAGE = 166

BRAKE ROTOR TEMP (LF/RF): 1
BRAKE ROTOR TEMP (LR/RR): 1

Sorted on Laps

2017 HSR The Mitty

Road Atlanta 2.540 miles

Group 8 & 9

Group 8 & 9 WeatherTech Sprint Race 2

4/23/2017 09:15 AM

Race (8 Laps) started at 9:26:33

Pos	No.	PIC Name	Class	Laps	Best Tm	Car Info	Hometown
1	88	1 Henri Sicotte	GT2A	8	1:42.783	10 Chevy Camaro GT.R 6200cc	St-Colomban Que
2	496	1 Les Long	GT3	8	1:42.274	07 Porsche 997 Cup 4000cc	Stansbury Park UT
3	11	1 John Orzechowski	SCB	7	1:57.131	97 Ford T-Bird 5927cc	Frederick MD

Margin of Victory	Avg. Speed	Best Lap Tm	Best Speed	Best Lap by
391	87.067	1:42.274	89.407	496 - Les Long

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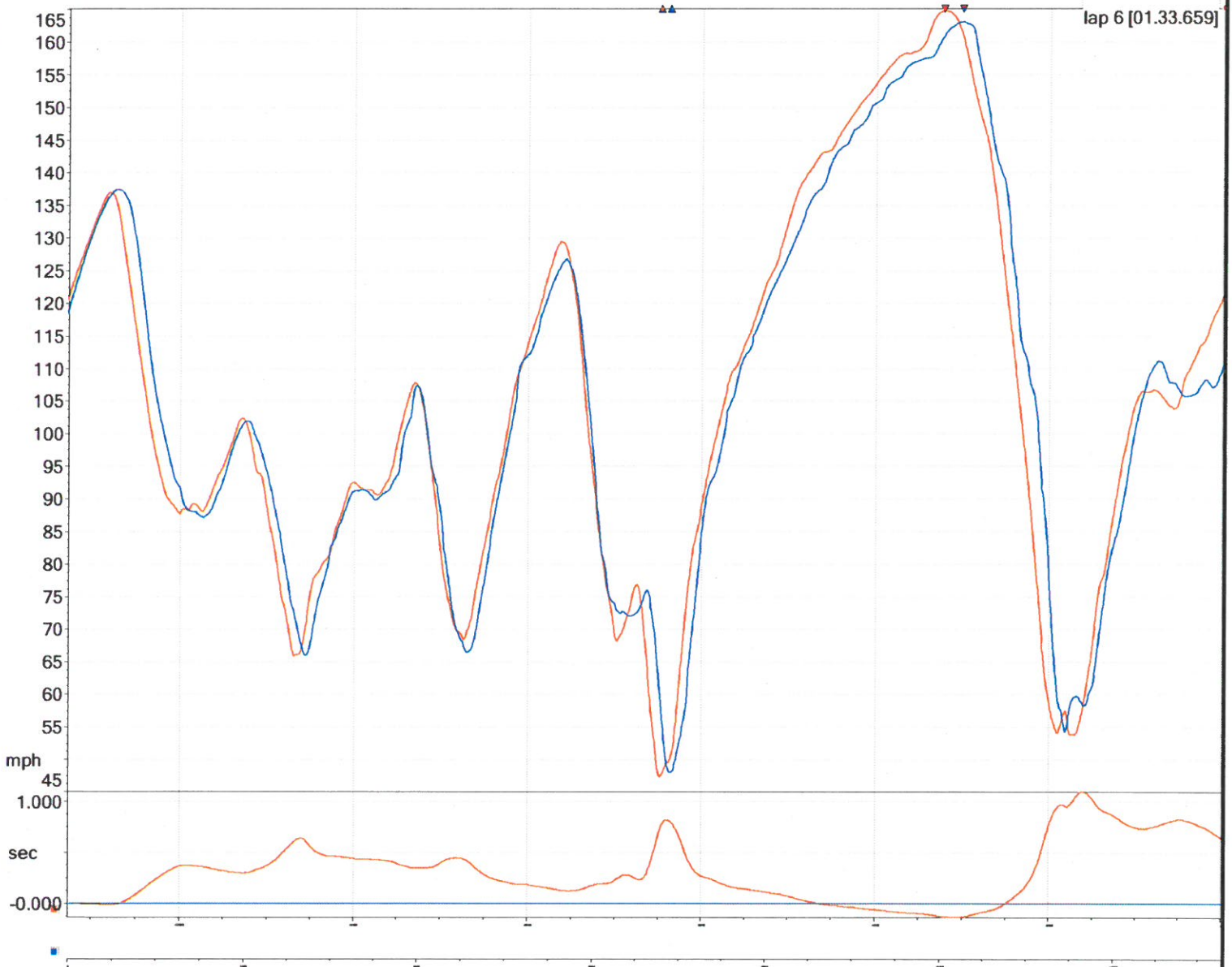
Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird22042017
Date: 22-04-17 07:59:50
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: HSR "The Mitty" - Q3 Ran D4722 tires with date code 1/2017, Right Side Martinsville

Name: JAOMonteCarlo23042016
Date: 23-04-16 08:49:37
Track: RoadAtlanta
Vehicle: MonteCarlo
Driver: JAO
Note: HSR Mitty - Qualifying 3

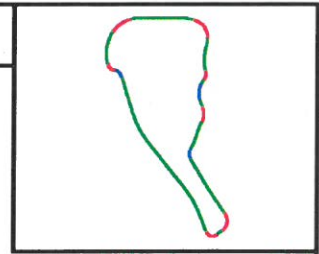
Data: JAOTThunderbird22042017 - 6-7 01.33.659 - GPS_Speed [mph]
JAOMonteCarlo23042016 - 4 01.33.436 - GPS_Speed [mph]



John Orzechowski Racing

Historic Stockcar Racing

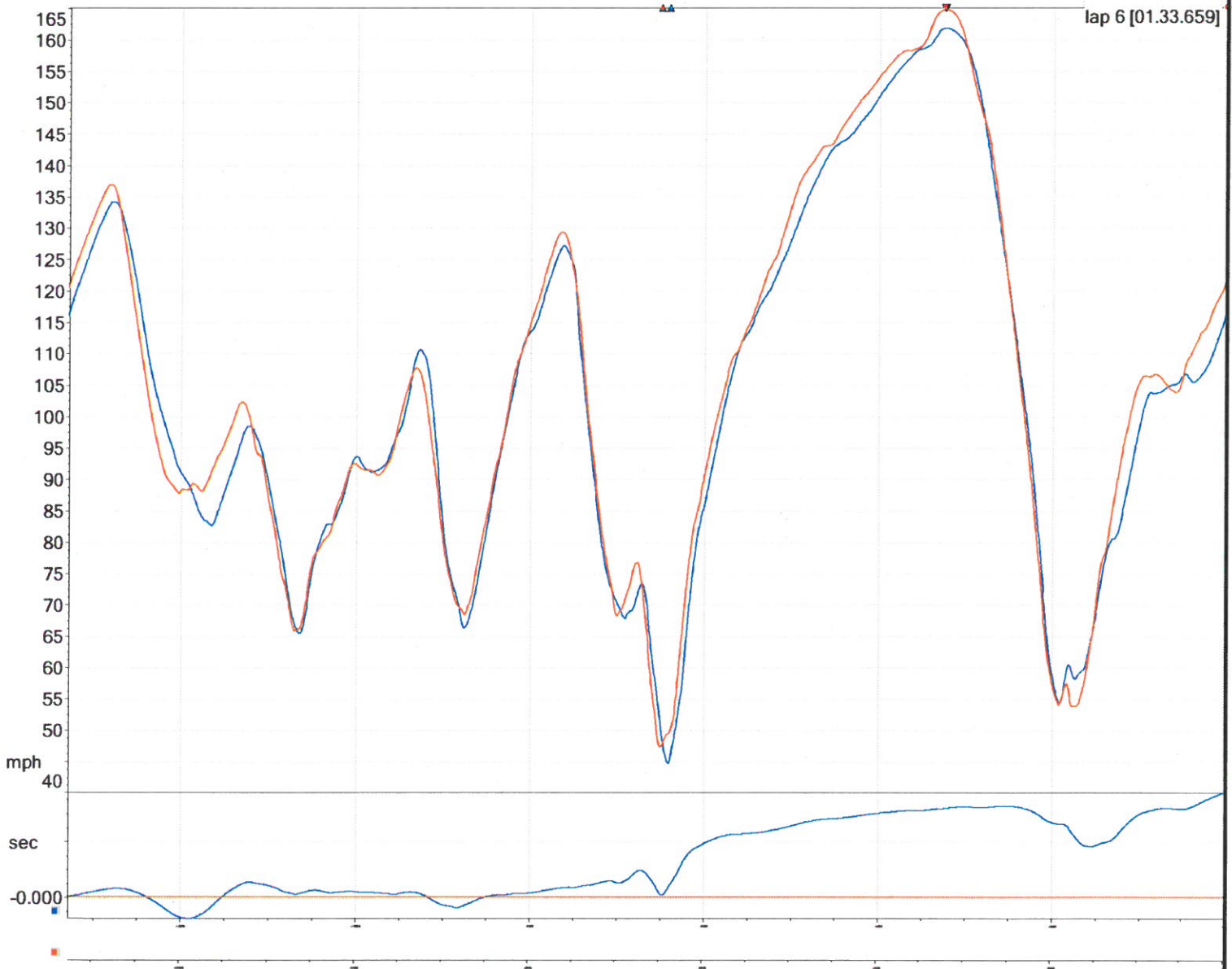
Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird22042017_001
Date: 22-04-17 15:19:28
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: HSR "The Mitty" - Race #1

Name: JAOTThunderbird22042017
Date: 22-04-17 07:59:50
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: HSR "The Mitty" - Q3 Ran D4722 tires with date code 1/2017, Right Side Martinsville

Data: JAOTThunderbird22042017_001 - 5-6 01.34.446 - GPS_Speed [mph]
JAOTThunderbird22042017 - 6-7 01.33.659 - GPS_Speed [mph]



John Orzechowski Racing

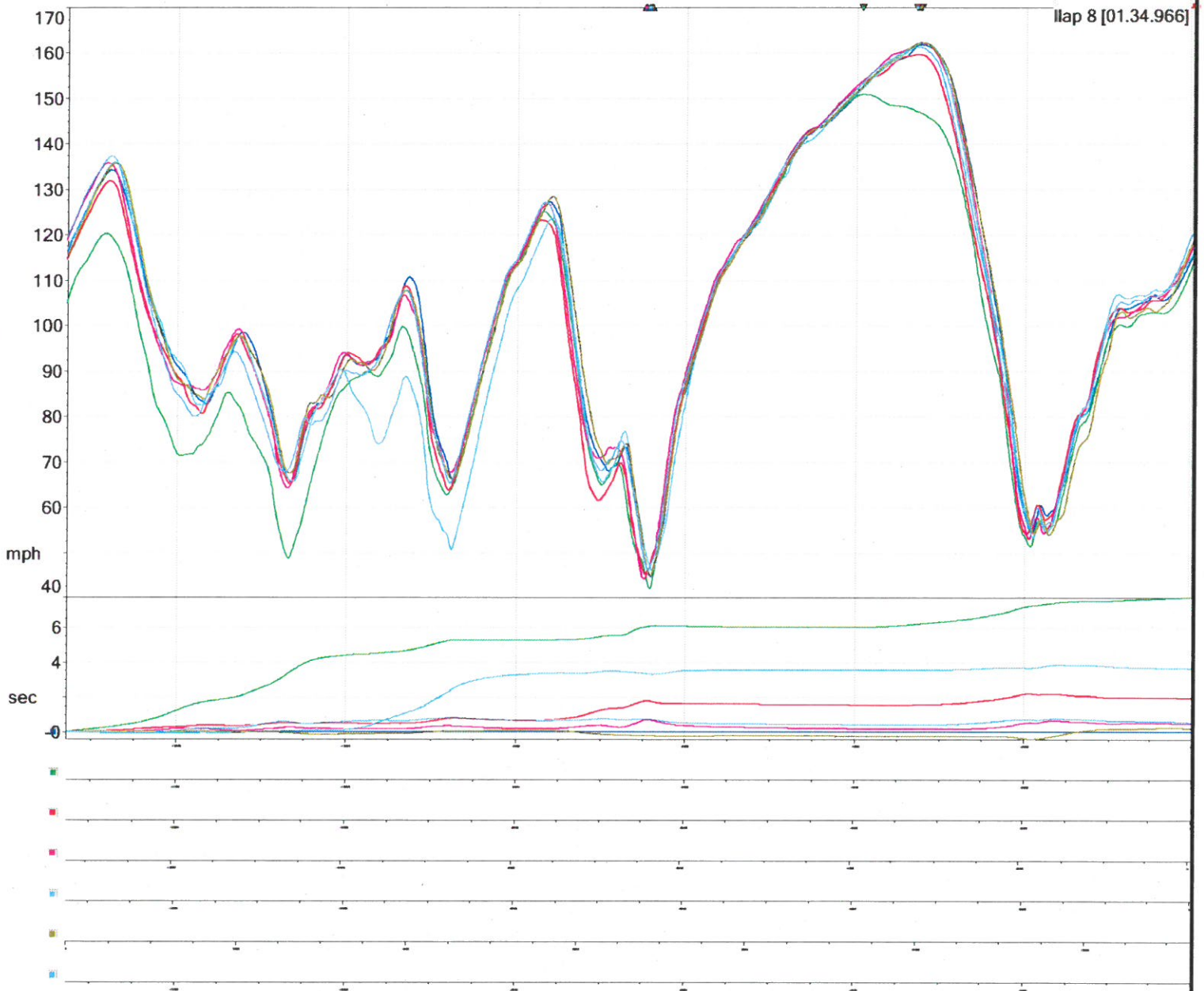
Historik Stockcar Racing

Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird22042017_001
Date: 22-04-17 15:19:28
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: HSR "The Mitty" - Race #1

Data: JAOTThunderbird22042017_001 - 5-6 01.34.446 - GPS_Speed [mph]
JAOTThunderbird22042017_001 - 2-3 01.42.073 - GPS_Speed [mph]
JAOTThunderbird22042017_001 - 3-4 01.36.315 - GPS_Speed [mph]
JAOTThunderbird22042017_001 - 4-5 01.34.879 - GPS_Speed [mph]
JAOTThunderbird22042017_001 - 6-7 01.38.060 - GPS_Speed [mph]
JAOTThunderbird22042017_001 - 7 01.34.690 - GPS_Speed [mph]
JAOTThunderbird22042017_001 - 8-9 01.34.966 - GPS_Speed [mph]



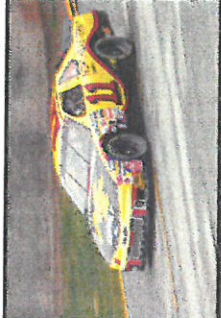
John Orzechowski Racing

Historic Stockcar Racing

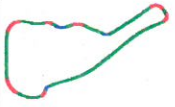
Name: JAOThunderbird22042017
 Date: 22-04-17 07:59:50
 Track: RoadAtlanta
 Vehicle: Thunderbird
 Driver: JAO
 Note: HSR "The Mitty" - Q3 Ran D4722 tires with date code 1/2017, Right Side Martinsville

Data: JAOThunderbird22042017 - 6.701.33.659 - GPS_Speed [mph]
 JAOMonteCarlo23042016 - 4.01.33.436 - GPS_Speed [mph]

	1	2	3	4	5	histo	histo	histo	histo	histo	histo	
thunderbird2204	run 1 lap 2	8.177	4.816	6.149	2.175	1.177	3.448	1.568	2.775	5.016	2.578	10.196
thunderbird2204	run 1 lap 3	7.481	4.382	5.918	2.107	1.082	3.117	1.416	2.595	4.912	2.503	9.996
thunderbird2204	run 1 lap 4	7.812	4.467	5.947	2.119	1.099	3.236	1.537	2.780	5.032	2.564	10.115
thunderbird2204	run 1 lap 5	7.593	4.818	6.267	2.114	1.111	3.284	1.479	2.609	4.635	2.504	10.162
thunderbird220420	run 1 lap 6	6.969	4.253	5.782	2.062	1.064	3.068	1.413	2.552	4.727	2.427	9.826
thunderbird2204	minimum value	6.969	4.253	5.782	2.062	1.064	3.068	1.413	2.552	4.635	2.427	9.826
thunderbird2204	maximum value	8.177	4.818	6.267	2.175	1.177	3.448	1.568	2.780	5.032	2.578	10.196
thunderbird2204	average value	7.606	4.547	6.013	2.115	1.107	3.231	1.482	2.662	4.865	2.515	10.059
thunderbird2204	std deviation	0.445	0.258	0.193	0.040	0.043	0.149	0.070	0.107	0.176	0.060	0.150
thunderbird2204	best	6.969	4.253	5.782	2.062	1.064	3.068	1.413	2.552	4.635	2.427	9.826
thunderbird2204	run 1 lap 5	6.969	4.253	5.782	2.062	1.064	3.068	1.413	2.552	4.727	2.427	9.826
thunderbird2204	run 1 lap 6	6.969	4.253	5.782	2.062	1.064	3.068	1.413	2.552	4.727	2.427	9.826
thunderbird2204	run 1 lap 2	1.208	0.563	0.367	0.113	0.113	0.380	0.155	0.224	0.289	0.151	0.369
thunderbird2204	run 1 lap 3	0.512	0.129	0.135	0.045	0.018	0.049	0.003	0.043	0.184	0.076	0.170
thunderbird2204	run 1 lap 4	0.843	0.214	0.165	0.057	0.034	0.167	0.124	0.228	0.304	0.137	0.288
thunderbird2204	run 1 lap 5	0.624	0.565	0.485	0.052	0.046	0.216	0.066	0.057	-0.092	0.077	0.336
thunderbird220420	run 1 lap 6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
thunderbird2204	Best rolling lap	6.969	4.253	5.782	2.062	1.064	3.068	1.413	2.552	4.635	2.427	9.826
thunderbird2204	Split time differences from best lap within test	0.563	0.129	0.135	0.045	0.018	0.049	0.003	0.043	0.184	0.076	0.170
thunderbird2204	run 1 lap 2	1.208	0.563	0.367	0.113	0.113	0.380	0.155	0.224	0.289	0.151	0.369
thunderbird2204	run 1 lap 3	0.512	0.129	0.135	0.045	0.018	0.049	0.003	0.043	0.184	0.076	0.170
thunderbird2204	run 1 lap 4	0.843	0.214	0.165	0.057	0.034	0.167	0.124	0.228	0.304	0.137	0.288
thunderbird2204	run 1 lap 5	0.624	0.565	0.485	0.052	0.046	0.216	0.066	0.057	-0.092	0.077	0.336
thunderbird220420	run 1 lap 6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



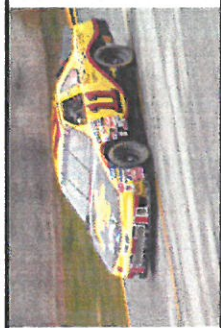
John Orzechowski Racing



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JAOTThunderbird22042017 - 6.7 01.33.659 - GPS_Speed [mph]
 JAOMonteCarlo23042016 - 4 01.33.436 - GPS_Speed [mph]

6	7	8	9	10	histo	histo	histo	histo	histo
4.423	1.986	23.511	2.897	2.938	6.133	3.562	1.569	01.39.611	
4.307	1.949	23.092	2.769	2.873	6.069	3.576	1.706	01.35.951	
4.386	1.813	23.212	2.816	2.843	6.009	3.409	1.918	01.37.214	
4.176	1.932	23.432	2.958	2.942	6.070	3.438	1.471	01.37.324	
4.194	1.912	22.501	2.648	2.983	6.084	3.352	1.839	01.33.659	
4.176	1.813	22.501	2.648	2.843	6.009	3.352	1.471		
4.423	1.986	23.511	2.958	2.983	6.133	3.576	1.918		
4.297	1.918	23.149	2.817	2.916	6.073	3.467	1.701		
0.111	0.065	0.400	0.120	0.057	0.045	0.098	0.185		
			Theoretical best lap						
4.176	1.813	22.501	2.648	2.843	6.009	3.352	1.471	01.32.866	
			Best rolling lap						
4.194	1.912	22.501	2.648	2.983	6.084	3.352	1.471	01.33.290	
0.230	0.074	1.011	0.249	-0.045	0.049	0.210	-0.270	00.05.952	
0.113	0.037	0.592	0.121	-0.111	-0.015	0.224	-0.133	00.02.292	
0.193	-0.099	0.711	0.168	-0.140	-0.076	0.057	0.079	00.03.555	
-0.018	0.020	0.931	0.310	-0.041	-0.014	0.086	-0.368	00.03.665	
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	00.00.000	





MOBILE OIL ANALYSIS REPORT

CONTAMINATION
WEAR
OIL CONDITION

NORMAL
NORMAL
NORMAL

11 - Front Gasoline Engine

Unit Make : FORD
 Unit Model : THUNDERBIRD Serial No : JT012 Date Rec'd : May 3, 2017
 Comp Make : FORD Cust. Ref No. : {n/a} Sample Date : Apr 22, 2017
 Comp Model : 351 SV0 Stub No. : WC-M1323703 Diagnostician : Doug Bogart

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	06/14/09	05/31/16	11/27/16	Current	UOM
Time on Unit	22.2	1	3.8	5.8	hrs
Time on Oil	3.1	1	2.8	4	hrs
Time on Fltr	3.1	1	2.8	4	hrs
Oil Maint.	changed	changed	not chg	not chg	---
Filter Maint.	changed	changed	not chg	changed	---

CONTAMINATION

There is no indication of any contamination in the component.

Sample Date	06/14/09	05/31/16	11/27/16	Current	Abn
Silicon	4.2	63	29	50	30
Potassium	0.0	9.5	2.3	1.6	20
Sodium	335	15	6.4	11	80
Fuel (%)	<2.0	<2.0	<2.0	<2.0	4.0
Glycol	---	---	---	---	0.06
Water (%)	<0.1	<0.1	<0.1	<0.1	0.2
Soot (%)	0	0	0	0	---
Sulfation (%)	6	10	8	9	100
Nitration (%)	3	5	3	3	100

WEAR

All component wear rates are normal.

Sample Date	06/14/09	05/31/16	11/27/16	Current	Abn
Iron	30	24	11	12	150
Nickel	0.7	1.1	0.0	0.3	5
Chromium	0.9	1.1	0.8	0.4	20
Titanium	11	8.4	10	12	---
Copper	4.6	13	9.1	16	155
Aluminum	8.1	16	16	19	40
Tin	0.3	0.0	0.6	12	10
Lead	1075	317	702	828	50
Silver	0.0	0.0	0.0	0.1	2

OIL CONDITION

Oil Type: 22 QTS of JGR XP5

The condition of the oil is acceptable for the time in service.

Sample Date	06/14/09	05/31/16	11/27/16	Current	Base
Boron	1.1	2.1	10	10	---
Barium	0.5	0.1	0.0	0.2	---
Calcium	1467	1441	455	463	---
Magnesium	6.5	17	3.4	8.8	---
Molybdenum	1.4	34	329	324	---
Sodium	335	15	6.4	11	---
Phosphorus	771	1597	1019	1059	---
Sulfur	2723	8078	4586	4543	---
Zinc	763	1618	1063	1047	---
Visc 40°C (cSt)	---	---	---	---	---
Visc 100°C (cSt)	16.72	17.1	17.25	17.62	---
VI	---	---	---	---	---
Oxidation (%)	6	10	6	10	---

CHASSIS SETUP SHEET

DATE: 5-20-17
 CAR: BGN THUNDERBIRD #11
 TRACK: VIR

LF	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>800</u>
Anti-Dive & Slugs:	<u>0° (0-0)</u>
Camber & Shims:	<u>-2 3/8" + 1/4" + 1/4"</u>
Caster & Slugs:	<u>+6° (3/4" - 3/4") 20° SWING</u>
Ride Height:	<u>5 3/8"</u>
Upper A-Arm Angle:	<u>20.2°</u>
Wheel Spacers:	<u>1/8"</u>

RF	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>800</u>
Anti-Dive & Slugs:	<u>0° (0-0)</u>
Camber & Shims:	<u>-2° + 1/4" + 1/4"</u>
Caster & Slugs:	<u>+6° (3/4" - 3/4") 20° SWING</u>
Ride Height:	<u>6"</u>
Upper A-Arm Angle:	<u>18.3°</u>
Wheel Spacers:	<u>1/8"</u>

Front Valence Height:	LF= <u>4"</u>	RF= <u>4 1/8"</u>
Front / Rear Brake Bias:	FRONT: <u>550</u>	REAR: <u>500</u>
Front Toe-Out:	<u>1/8"</u>	
Front Sway Bar:	<u>1 1/8"</u>	HOLLOW / NEUTRAL
Rear Sway Bar:	<u>5/8"</u>	SOLID / NEUTRAL
Rear End Ratio:	<u>4.22:1</u>	
Rear Pinion Angle:	<u>3.1° DOWN</u>	SHIM: <u>2.0°</u>
Track Bar Height:	LR= <u>10 3/8"</u>	RR= <u>10 3/8"</u>
Fuel Level:	<u>FULL</u>	

LR	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>300</u>
Camber:	<u>-1.5°</u>
Ride Height:	<u>6 1/4"</u>
Trailing Arm Angle:	<u>0.9° ↑ REAR</u>
Wheel Spacers:	<u>1/4"</u>

RR	
Tire Pressure:	<u>30 PSI</u>
Tire Size:	<u>D4590</u>
Shock Compression:	
Shock Rebound:	
Spring Rate:	<u>300</u>
Camber:	<u>-1.5°</u>
Ride Height:	<u>7"</u>
Trailing Arm Angle:	<u>1.0° ↑ REAR</u>
Wheel Spacers:	<u>1/8"</u>



Cross Weight (LF+RR): 1802 Right-Side Weight (RF+RR): 1804

Front Weight (LF+RF): 1823 TOTAL (LF+RF+LR+RR): 3610

- NOTES: * TOTAL WEIGHT W/DRIVER = 3610
* HOBBES = 106.0
* REMOVED RETURN FILTER - CLEANED - INSTALLED
* CHANGED HPCA - CUT OPEN - OK!!
* FUALMED UP FUEL LINE AND TOPPED OFF W/ 30TS.
* CHECKED FRONT BRAKE ROTORS, OK!!

Track/Event: VIR
 Date: 6/2/17 Time: 1300
 Weather & Conditions: Sunny 83 37%

Lap Times:

- | | |
|------------------------------------|-------------------------|
| 1) <u>3</u> (m) <u>04.56</u> (s) | 11) _____ (m) _____ (s) |
| 2) <u>2</u> (m) <u>08.65</u> (s) | 12) _____ (m) _____ (s) |
| 3) <u>2</u> (m) <u>04.14</u> (s) | 13) _____ (m) _____ (s) |
| 4) <u>2</u> (m) <u>04.44</u> (s) | 14) _____ (m) _____ (s) |
| 5) <u>2</u> (m) <u>04.22</u> (s) | 15) _____ (m) _____ (s) |
| 6) <u>2</u> (m) <u>03.12</u> (s) | 16) _____ (m) _____ (s) |
| * 7) <u>2</u> (m) <u>01.27</u> (s) | 17) _____ (m) _____ (s) |
| 8) <u>3</u> (m) <u>33.90</u> (s) | 18) _____ (m) _____ (s) |
| 9) _____ (m) _____ (s) | 19) _____ (m) _____ (s) |
| 10) _____ (m) _____ (s) | 20) _____ (m) _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 30 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 29 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

Notes:

CAR RAN GOOD!!
TOOK 7.5 GALLONS TO
RUN 26.4 MILES 3.52 MPG

HOBBS START: _____
 HOBBS STOP: _____ 19mz

MILES: 26.4

ENGINE OIL TEMP: 230
 ENGINE WATER TEMP: 190

BRAKE ROTOR TEMP (LF/RF): /
 BRAKE ROTOR TEMP (LR/RR): /

2017 HSR VIR Historic Races

Sorted on Best Lap time

Group 8/9/10

Virginia International Raceway 3.270 miles

Group 8/9/10 Qualifying 1

6/2/2017 01:00 PM

Qualifying started at 12:59:43

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	29	Jonathon Ziegelman	9X	1:52.143	15 Porsche 991 Cup 3800cc	White	Boca Raton FL
2	22	Jack Finch	SCA	1:55.218	02 Dodge Charger 5866cc	Yellow (Cat)	Thomasville NC
3	49	Aaron Dudley	SCA	1:55.577	06 Dodge Charger 5927cc	Black	Thomasville AL
4	19	Dick Howe	GT1C	1:56.167	89 Ford Mustang T/A 5866cc	Red (Whistler)	Rutland VT
5	18	Mark Gobble	SCA	1:58.128	05 Chevy Monte Carlo 5866cc	Green	Moneta VA
6	57	Maurice Hull	9X	1:58.214	17 Ford Mustang 5700cc	Org/Sil/Blu	High Point NC
7	917	Linden Burnstein	GT3B	2:00.629	07 Porsche 997.1 Cup 3600cc	Blu/Blk	Columbia SC
8	88	Henri Sicotte	GT2A	2:00.729	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
9	11	John Orzechowski	SCB	2:01.292	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
10	80	Danny Marshall	GT3A	2:01.640	01 Porsche 996.1 Cup 3800cc	White	Danville VA
11	161	Paul Bacon	GT3B	2:01.890	05 Porsche 996 Cup 3600cc	White	Danville VA
12	101	John & Ryan Harrold	GT3B	2:02.277	09 Porsche 997.1 Cup 3600cc	Wht/Red	Boca Raton FL
13	2	Dave Handy/Fluff Daddy	SCB	2:02.692	90 Chevy Monte Carlo 5866cc	Blu/Sil	Semora NC
14	1	Kenny Hawkins	GT2A	2:04.976	08 Dodge Viper 8275cc	Red/Wht	Raleigh NC
15	65	Don Ondrejcek	GT3B	2:05.229	07 Porsche 997.1 Cup 3600cc	White	Clearwater FL
16	04	Preston Brown	GTC3	2:05.489	94 Porsche 964 RSR 3800cc	Red	Chapel Hill NC
17	13	Arthur Valentine	GTS	2:12.469	04 Panoz GTS 5700cc	Black/Red	Monroe GA

Track/Event: URI #2

Date: 6/2/17 Time: 1700

Weather & Conditions: Sunny 87° 31%

Lap Times:

- | | |
|---|------------------------------|
| 1) <u>0</u> (m) <u>31</u> . <u>30</u> (s) | 11) _____(m)_____ . _____(s) |
| 2) <u>2</u> (m) <u>19</u> . <u>58</u> (s) | 12) _____(m)_____ . _____(s) |
| 3) <u>2</u> (m) <u>11</u> . <u>72</u> (s) | 13) _____(m)_____ . _____(s) |
| 4) <u>2</u> (m) <u>03</u> . <u>86</u> (s) | 14) _____(m)_____ . _____(s) |
| 5) <u>2</u> (m) <u>04</u> . <u>32</u> (s) | 15) _____(m)_____ . _____(s) |
| 6) <u>2</u> (m) <u>03</u> . <u>30</u> (s) | 16) _____(m)_____ . _____(s) |
| 7) <u>2</u> (m) <u>04</u> . <u>29</u> (s) | 17) _____(m)_____ . _____(s) |
| 8) <u>3</u> (m) <u>01</u> . <u>14</u> (s) | 18) _____(m)_____ . _____(s) |
| 9) _____(m)_____ . _____(s) | 19) _____(m)_____ . _____(s) |
| 10) _____(m)_____ . _____(s) | 20) _____(m)_____ . _____(s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 30 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 30 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

Notes: _____

HOBBS START: _____
 HOBBS STOP: _____ 16mzw

MILES: 22.9

ENGINE OIL TEMP: 230
 ENGINE WATER TEMP: 190

BRAKE ROTOR TEMP (LF/RF): /
 BRAKE ROTOR TEMP (LR/RR): /

017 SR VIR Historic Races

Sorted on Best Lap time

Group 8/9/10

Virginia International Raceway 3.270 miles

Group 8/9/10 Qualifying 2

6/2/2017 05:00 PM

Qualifying started at 17:02:13

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	29	Jonathon Ziegelman	9X	1:51.225	15 Porsche 991 Cup 3800cc	White	Boca Raton FL
2	22	Jack Finch	SCA	1:54.865	02 Dodge Charger 5866cc	Yellow (Cat)	Thomasville NC
3	49	Aaron Dudley	SCA	1:55.892	06 Dodge Charger 5927cc	Black	Thomasville AL
4	19	Dick Howe	GT1C	1:57.269	89 Ford Mustang T/A 5866cc	Red (Whistler)	Rutland VT
5	18	Mark Gobble	SCA	1:58.169	05 Chevy Monte Carlo 5866cc	Green	Moneta VA
6	917	Linden Burnstein	GT3B	1:58.710	07 Porsche 997.1 Cup 3600cc	Blu/Blk	Columbia SC
7	57	Maurice Hull	9X	1:58.746	17 Ford Mustang 5700cc	Org/Sil/Blu	High Point NC
8	161	Paul Bacon	GT3B	1:59.615	05 Porsche 996 Cup 3600cc	White	Danville VA
9	88	Henri Sicotte	GT2A	1:59.947	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
10	101	John & Ryan Harrold	GT3B	2:00.021	09 Porsche 997.1 Cup 3600cc	Wht/Red	Boca Raton FL
11	80	Danny Marshall	GT3A	2:01.083	01 Porsche 996.1 Cup 3800cc	White	Danville VA
12	2	Dave Handy/Fluff Daddy	SCB	2:02.299	90 Chevy Monte Carlo 5866cc	Blu/Sil	Semora NC
13	11	John Orzechowski	SCB	2:03.434	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
14	04	Preston Brown	GTC3	2:04.284	94 Porsche 964 RSR 3800cc	Red	Chapel Hill NC
15	1	Kenny Hawkins	GT2A	2:06.538	08 Dodge Viper 8275cc	Red/Wht	Raleigh NC
16	13	Arthur Valentine	GT5	2:11.032	04 Panoz GTS 5700cc	Black/Red	Monroe GA

Orbit



Track/Event: VIR w/HSR Q3

Date: 6-2-17 Time: 10:30 AM

Weather & Conditions: 80°F 53% RH

Lap Times:

- | | |
|-----------------------------------|-------------------------|
| 1) <u>0</u> (m) <u>30.83</u> (s) | 11) _____ (m) _____ (s) |
| 2) <u>2</u> (m) <u>12.47</u> (s) | 12) _____ (m) _____ (s) |
| *3) <u>2</u> (m) <u>01.81</u> (s) | 13) _____ (m) _____ (s) |
| 4) <u>2</u> (m) <u>08.11</u> (s) | 14) _____ (m) _____ (s) |
| 5) <u>2</u> (m) <u>04.09</u> (s) | 15) _____ (m) _____ (s) |
| 6) <u>3</u> (m) <u>45.15</u> (s) | 16) _____ (m) _____ (s) |
| 7) _____ (m) _____ (s) | 17) _____ (m) _____ (s) |
| 8) _____ (m) _____ (s) | 18) _____ (m) _____ (s) |
| 9) _____ (m) _____ (s) | 19) _____ (m) _____ (s) |
| 10) _____ (m) _____ (s) | 20) _____ (m) _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 29 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 28 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 1/2 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 1/2 (psi)

Notes:

~~NO FUEL ADDED~~ 6 1/2 GALLONS

* CHANGED REAR SPRINGS
325#

LR RR
24" 24 1/2"

LOW 10 TURNS LOW 10 TURNS

HOBBS START: _____
HOBBS STOP: _____ 13 MIN

MILES: 16.7

ENGINE OIL TEMP: 210
ENGINE WATER TEMP: 180

BRAKE ROTOR TEMP (LF/RF): /
BRAKE ROTOR TEMP (LR/RR): /

17 HSR VIR Historic Races

Sorted on Best Lap time

Group 8/9/10

Virginia International Raceway 3.270 miles

Group 8/9/10 Qualifying 3

6/3/2017 10:30 AM

Qualifying started at 10:31:39

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	29	Jonathon Ziegelman	9X	1:50.572	15 Porsche 991 Cup 3800cc	White	Boca Raton FL
2	22	Jack Finch	SCA	1:54.027	02 Dodge Charger 5866cc	Yellow (Cat)	Thomasville NC
3	19	Dick Howe	GT1C	1:54.068	89 Ford Mustang T/A 5866cc	Red (Whistler)	Rutland VT
4	49	Aaron Dudley	SCA	1:54.243	06 Dodge Charger 5927cc	Black	Thomasville AL
5	18	Mark Gobble	SCA	1:56.098	05 Chevy Monte Carlo 5866cc	Green	Moneta VA
6	161	Paul Bacon	GT3B	1:58.261	05 Porsche 996 Cup 3600cc	White	Danville VA
7	57	Maurice Hull	9X	1:58.351	17 Ford Mustang 5700cc	Org/Sil/Blu	High Point NC
8	88	Henri Sicotte	GT2A	1:59.117	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
9	80	Danny Marshall	GT3A	1:59.198	01 Porsche 996.1 Cup 3800cc	White	Danville VA
10	1	Kenny Hawkins	GT2A	2:00.474	08 Dodge Viper 8275cc	Red/Wht	Raleigh NC
11	917	Linden Burnstein	GT3B	2:00.858	07 Porsche 997.1 Cup 3600cc	Blu/Blk	Columbia SC
12	11	John Orzechowski	SCB	2:01.833	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
13	101	John & Ryan Harrold	GT3B	2:03.172	09 Porsche 997.1 Cup 3600cc	Wht/Red	Boca Raton FL
14	04	Preston Brown	GTC3	2:03.693	94 Porsche 964 RSR 3800cc	Red	Chapel Hill NC
15	65	Don Ondrejcek	GT3B	2:05.366	07 Porsche 997.1 Cup 3600cc	White	Clearwater FL
16	2	Dave Handy/Fluff Daddy	SCB	2:08.031	90 Chevy Monte Carlo 5866cc	Blu/Sil	Semora NC

Track/Event: VIR w/HSR RACE#1
 Date: 6-3-17 Time: 3:40 PM
 Weather & Conditions: 87°F 34%RA

Lap Times:

- | | |
|-----------------------------------|-----------------------------------|
| 1) <u>0</u> (m) <u>23.38</u> (s) | 11) <u>4</u> (m) <u>01.35</u> (s) |
| 2) <u>3</u> (m) <u>12.71</u> (s) | 12) _____ (m) _____ (s) |
| 3) <u>2</u> (m) <u>09.57</u> (s) | 13) _____ (m) _____ (s) |
| *4) <u>2</u> (m) <u>02.98</u> (s) | 14) _____ (m) _____ (s) |
| 5) <u>2</u> (m) <u>03.33</u> (s) | 15) _____ (m) _____ (s) |
| 6) <u>2</u> (m) <u>03.35</u> (s) | 16) _____ (m) _____ (s) |
| 7) <u>2</u> (m) <u>03.91</u> (s) | 17) _____ (m) _____ (s) |
| 8) <u>2</u> (m) <u>03.24</u> (s) | 18) _____ (m) _____ (s) |
| 9) <u>2</u> (m) <u>04.22</u> (s) | 19) _____ (m) _____ (s) |
| 10) <u>2</u> (m) <u>03.77</u> (s) | 20) _____ (m) _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 30 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 30 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 26 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 26 (psi)

Notes:

ADDED 4 1/2 GALLONS
PUT ON SRTB-DA722

HOBBS START: _____
 HOBBS STOP: _____ 24 miles

MILES: 32.9

ENGINE OIL TEMP: 230
 ENGINE WATER TEMP: 190

BRAKE ROTOR TEMP (LF/RF): /
 BRAKE ROTOR TEMP (LR/RR): /

2017 VIR Historic Races

Sorted on Laps

Group 8/9/10

Virginia International Raceway 3.270 miles

Group 8/9/10 Sprint Race 1

6/3/2017 03:40 PM

Race (8 Laps) started at 15:47:30

Pos	No.	PIC Name	Class	Laps	Best Tm	Car Info	Hometown
1	29	1 Jonathon Ziegelman	9X	8	1:52.643	15 Porsche 991 Cup 3800cc	Boca Raton FL
2	22	1 Jack Finch	SCA	8	1:54.838	02 Dodge Charger 5866cc	Thomasville NC
3	49	2 Aaron Dudley	SCA	8	1:55.269	06 Dodge Charger 5927cc	Thomasville AL
4	19	1 Dick Howe	GT1C	8	1:53.394	89 Ford Mustang T/A 5866cc	Rutland VT
5	18	3 Mark Gobble	SCA	8	1:57.419	05 Chevy Monte Carlo 5866cc	Moneta VA
6	88	1 Henri Sicotte	GT2A	8	1:58.722	10 Chevy Camaro GT.R 6200cc	St-Colomban Que
7	161	1 Paul Bacon	GT3B	8	1:58.944	05 Porsche 996 Cup 3600cc	Danville VA
8	80	1 Danny Marshall	GT3A	8	1:57.974	01 Porsche 996.1 Cup 3800cc	Danville VA
9	101	2 John & Ryan Harrold	GT3B	8	2:00.416	09 Porsche 997.1 Cup 3600cc	Boca Raton FL
10	917	3 Linden Burnstein	GT3B	8	1:59.401	07 Porsche 997.1 Cup 3600cc	Columbia SC
11	2	1 Dave Handy/Fluff Daddy	SCB	8	2:00.457	90 Chevy Monte Carlo 5866cc	Semora NC
12	11	2 John Orzechowski	SCB	8	2:03.248	97 Ford T-Bird 5927cc	Frederick MD
13	65	4 Don Ondrejcek	GT3B	8	2:06.429	07 Porsche 997.1 Cup 3600cc	Clearwater FL
14	57	2 Maurice Hull	9X	7	1:57.907	17 Ford Mustang 5700cc	High Point NC
15	04	1 Preston Brown	GT3C	7	2:06.379	94 Porsche 964 RSR 3800cc	Chapel Hill NC
16	1	2 Kenny Hawkins	GT2A	4	2:02.986	08 Dodge Viper 8275cc	Raleigh NC

Announcements

"X" Class cars not eligible for Podium, Trophies or Points

Victory	Avg. Speed	Best Lap Tm	Best Speed	Best Lap by
54%	103.834	1:52.643	104.507	29 - Jonathon Ziegelman

Orbits



Track/Event: VIR w/HSR RACE #2

Date: 6-4-17

Time: 9:30 AM

Weather & Conditions: 78°F 60% RH

Lap Times:

- 1) 3 (m) 28.05 (s)
- 2) 2 (m) 06.27 (s)
- 3) 2 (m) 06.11 (s)
- 4) 2 (m) 01.34 (s)
- 5) 2 (m) 02.28 (s)
- 6) 2 (m) 03.80 (s)
- 7) 2 (m) 01.02 (s)
- 8) 2 (m) 01.08 (s)
- 9) 2 (m) 06.77 (s)
- 10) 3 (m) 55.84 (s)

- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 28 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 28 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

5 mins after stop

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes:

*RAISED TRACK BAR $1\frac{1}{8}$ " → LEVEL

*DISCONNECTED REAR SWAY BAR

*ADDED $7\frac{3}{4}$ GALLONS FUEL

HOBBS START: } 108.9
HOBBS STOP: } 24 min

MILES: 32.9

ENGINE OIL TEMP: 230
ENGINE WATER TEMP: 180

TOTAL TIME = 1.50 H
TOTAL MILEAGE = 132 M

BRAKE ROTOR TEMP (LF/RF): 1
BRAKE ROTOR TEMP (LR/RR): 1

017 SR VIR Historic Races

Sorted on Lap:

Group 8/9/10

Virginia International Raceway 3.270 miles

Group 8/9/10 Sprint Race 2

6/4/2017 09:30 AM

Race (8 Laps) started at 9:34:38

Pos	No.	PIC Name	Class	Laps	Best Tm	Car Info	Hometown
1	29	1 Jonathon Ziegelman	9X	8	1:51.409	15 Porsche 991 Cup 3800cc	Boca Raton FL
2	19	1 Dick Howe	GT1C	8	1:52.282	89 Ford Mustang T/A 5866cc	Rutland VT
3	22	1 Jack Finch	SCA	8	1:53.397	02 Dodge Charger 5866cc	Thomasville NC
4	49	2 Aaron Dudley	SCA	8	1:54.991	06 Dodge Charger 5927cc	Thomasville AL
5	917	1 Linden Burnstein	GT3B	8	1:54.959	07 Porsche 997.1 Cup 3600cc	Columbia SC
6	88	1 Henri Sicotte	GT2A	8	1:57.158	10 Chevy Camaro GT.R 6200cc	St-Colomban Que
7	80	1 Danny Marshall	GT3A	8	1:57.193	01 Porsche 996.1 Cup 3800cc	Danville VA
8	101	2 John & Ryan Harrold	GT3B	8	1:59.217	09 Porsche 997.1 Cup 3600cc	Boca Raton FL
9	161	3 Paul Bacon	GT3B	8	1:59.300	05 Porsche 996 Cup 3600cc	Danville VA
10	18	3 Mark Gobble	SCA	8	1:57.028	05 Chevy Monte Carlo 5866cc	Moneta VA
11	57	2 Maurice Hull	9X	8		17 Ford Mustang 5700cc	High Point NC
12	1	2 Kenny Hawkins	GT2A	8	2:00.633	08 Dodge Viper 8275cc	Raleigh NC
13	2	1 Dave Handy/Fluff Daddy	SCB	8	2:00.107	90 Chevy Monte Carlo 5866cc	Semora NC
14	11	2 John Orzechowski	SCB	8	2:00.782	97 Ford T-Bird 5927cc	Frederick MD
15	04	1 Preston Brown	GT3C	8	2:02.399	94 Porsche 964 RSR 3800cc	Chapel Hill NC
16	65	4 Don Ondrejcek	GT3B	7	2:09.692	07 Porsche 997.1 Cup 3600cc	Clearwater FL

Announcements

"X" Class cars not eligible for Podium, Trophies or Points

#57 - No transponder detected. Manually scored. Lap times not validated

Category	Victory	Avg. Speed	Best Lap Tm	Best Speed	Best Lap by
Overall	1	104.962	1:51.409	105.665	29 - Jonathon Ziegelman

Orbits

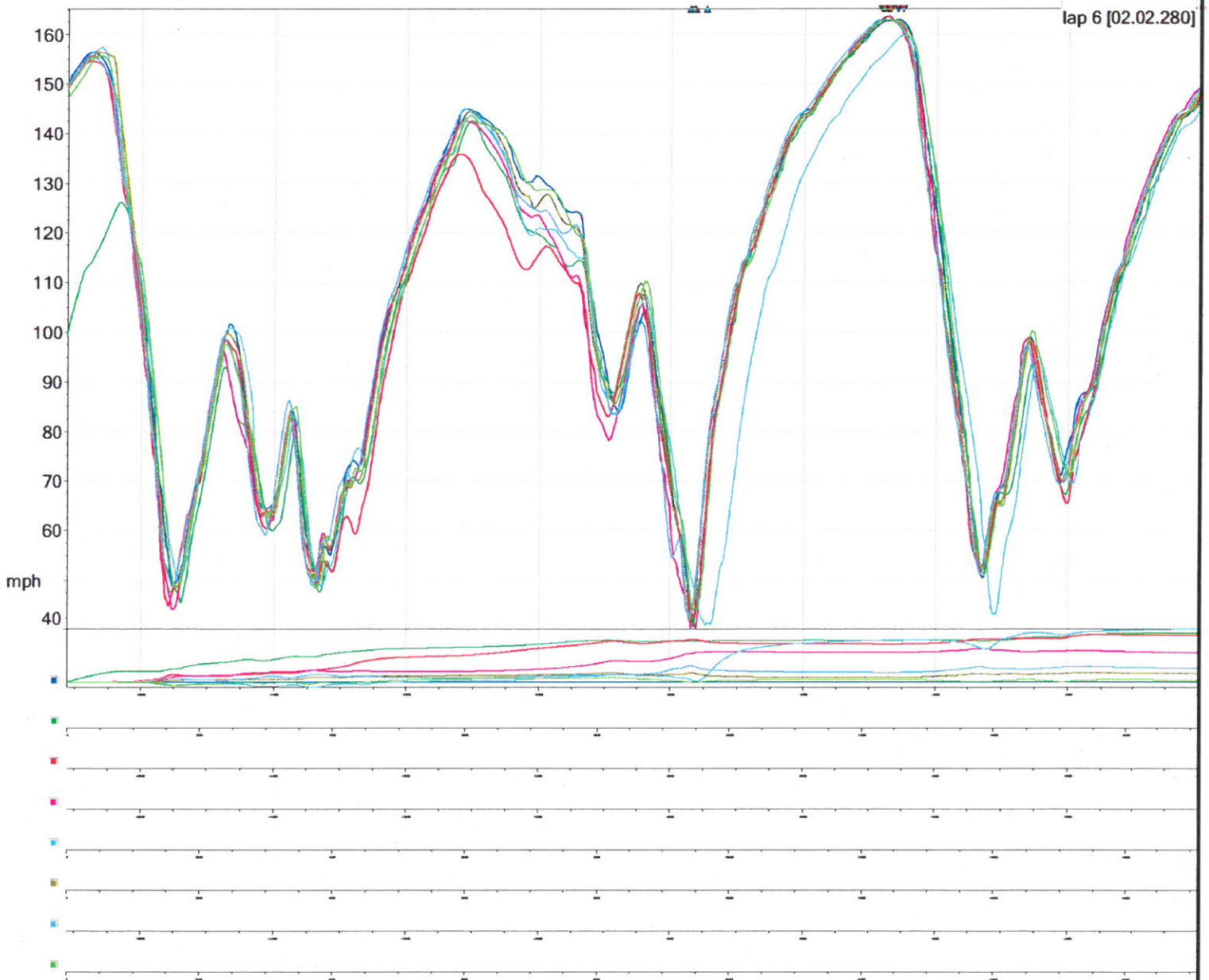


Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird04062017
Date: 04-06-17 09:30:43
Track: VIR
Vehicle: Thunderbird
Driver: JAO
Note: Raised the track bar and disonnect the rear sway bar.

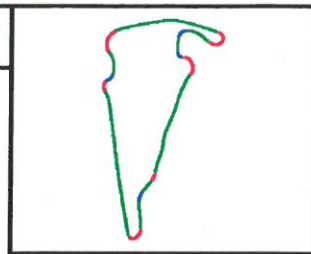
Data: JAOTThunderbird04062017 - 8-9 02.01.017 - GPS_Speed [mph]
JAOTThunderbird04062017 - 3 02.06.273 - GPS_Speed [mph]
JAOTThunderbird04062017 - 4-5 02.06.110 - GPS_Speed [mph]
JAOTThunderbird04062017 - 7-8 02.03.797 - GPS_Speed [mph]
JAOTThunderbird04062017 - 10 02.06.774 - GPS_Speed [mph]
JAOTThunderbird04062017 - 5 02.01.342 - GPS_Speed [mph]
JAOTThunderbird04062017 - 6-7 02.02.280 - GPS_Speed [mph]
JAOTThunderbird04062017 - 9 02.01.080 - GPS_Speed [mph]



John Orzechowski Racing

Historic Stockcar Racing

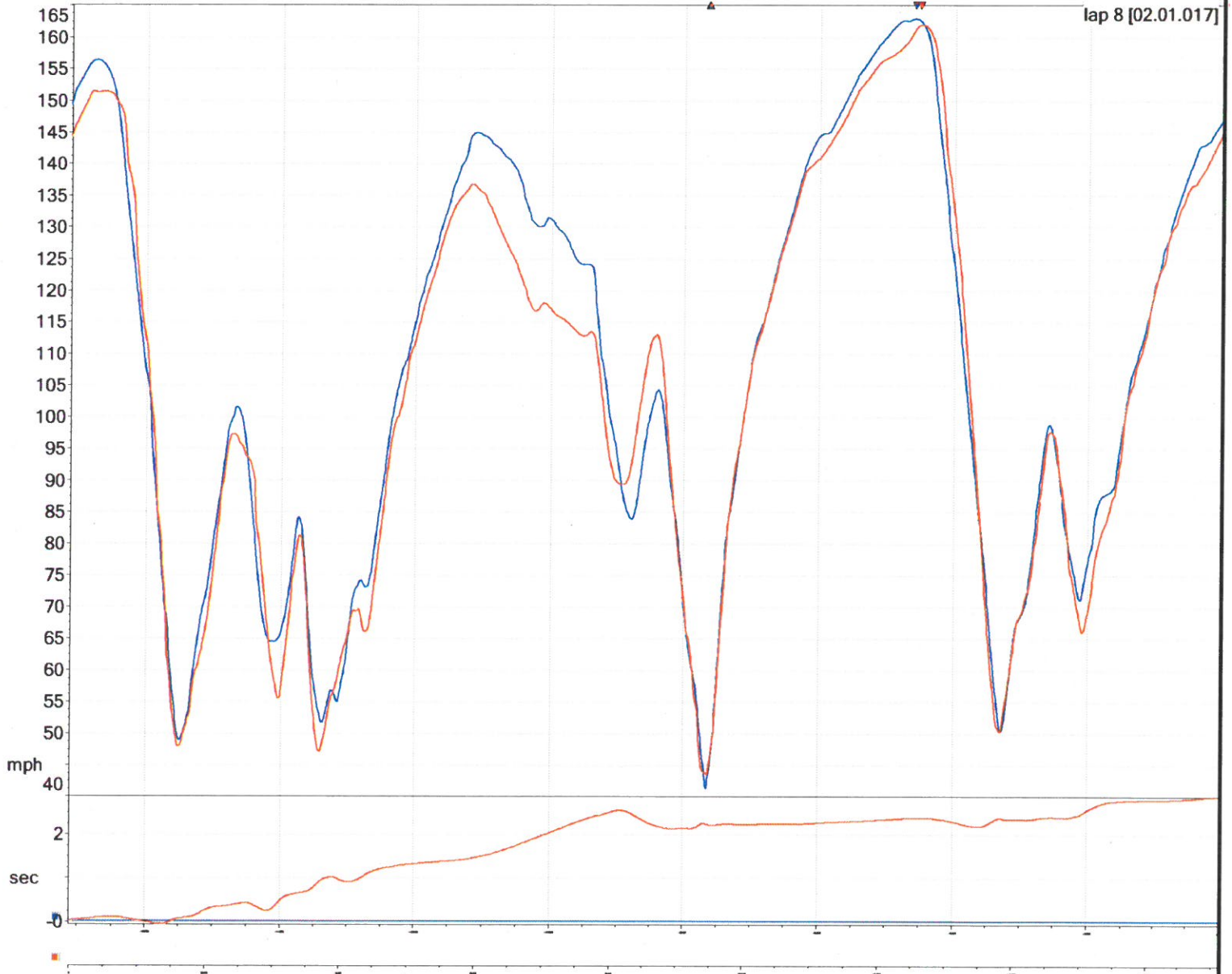
Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird04062017
Date: 04-06-17 09:30:43
Track: VIR
Vehicle: Thunderbird
Driver: JAO
Note: Raised the track bar and disconnect the rear sway bar.

Name: JAO-VIRGoldCup-MonteCarlo-27092014
Date: 27-09-14 10:56:18
Track: VIR
Vehicle: MonteCarlo
Driver: JAO
Note: Qualifying #2 -- Goodyear D4590

Data: JAOTThunderbird04062017 - 8-9 02.01.017 - GPS_Speed [mph]
JAO-VIRGoldCup-MonteCarlo-27092014 - 10 02.03.760 - GPS_Speed [mph]



Historic Stockcar Racing

John Orzechowski Racing

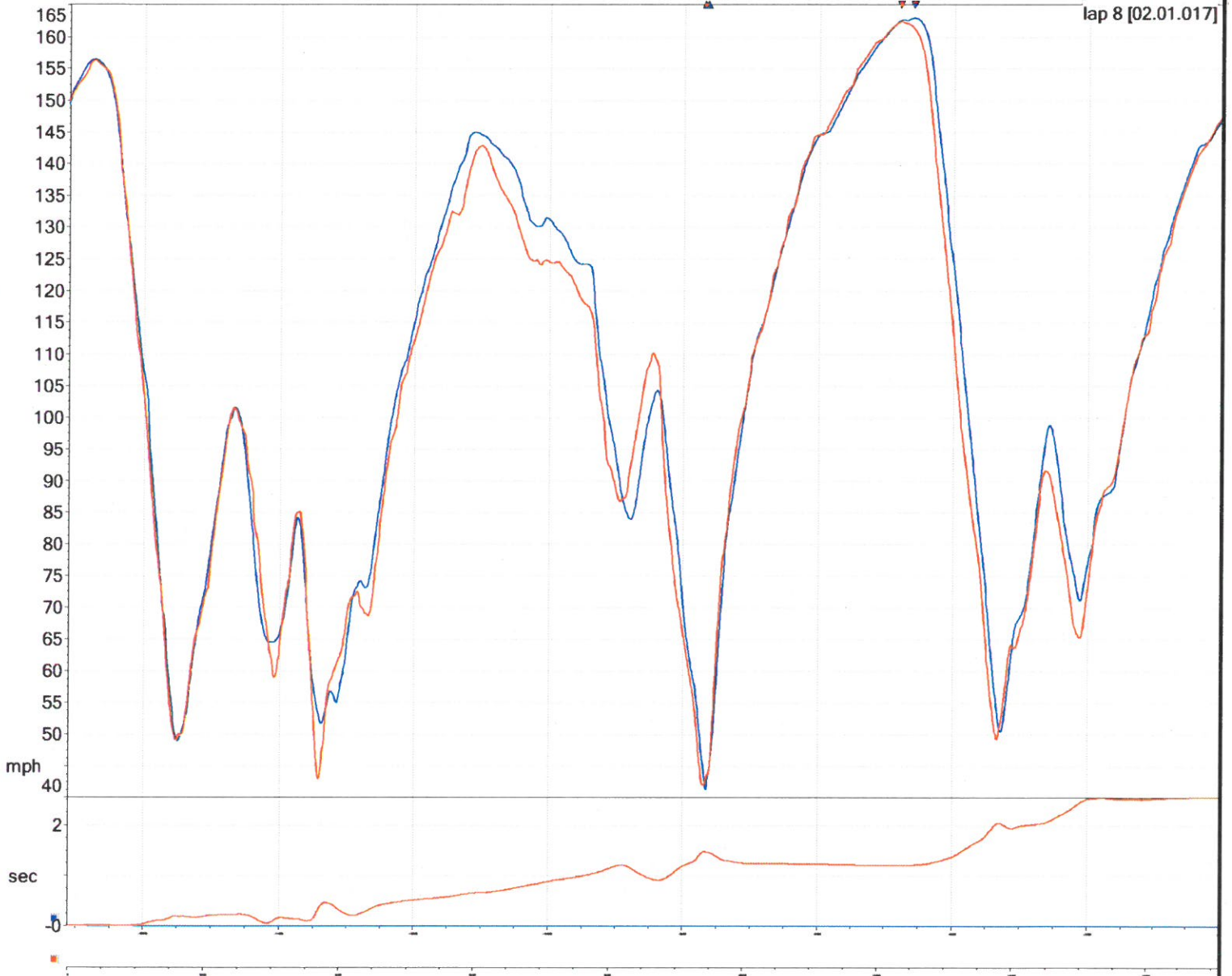
Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird04062017
Date: 04-06-17 09:30:43
Track: VIR
Vehicle: Thunderbird
Driver: JAO
Note: Raised the track bar and disconnect the rear sway bar.

Name: JAOTThunderbird03062017_001
Date: 03-06-17 15:43:53
Track: VIR
Vehicle: Thunderbird
Driver: JAO
Note: Hot in the afternoon, put on the D4722's

Data: [JAOTThunderbird04062017 - 8-9 02.01.017 - GPS_Speed \[mph\]](#)
[JAOTThunderbird03062017_001 - 4 02.02.979 - GPS_Speed \[mph\]](#)

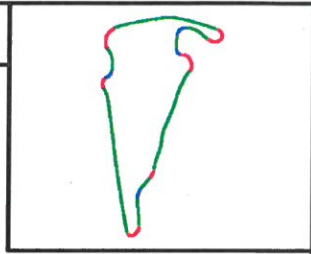


John Orzechowski Racing



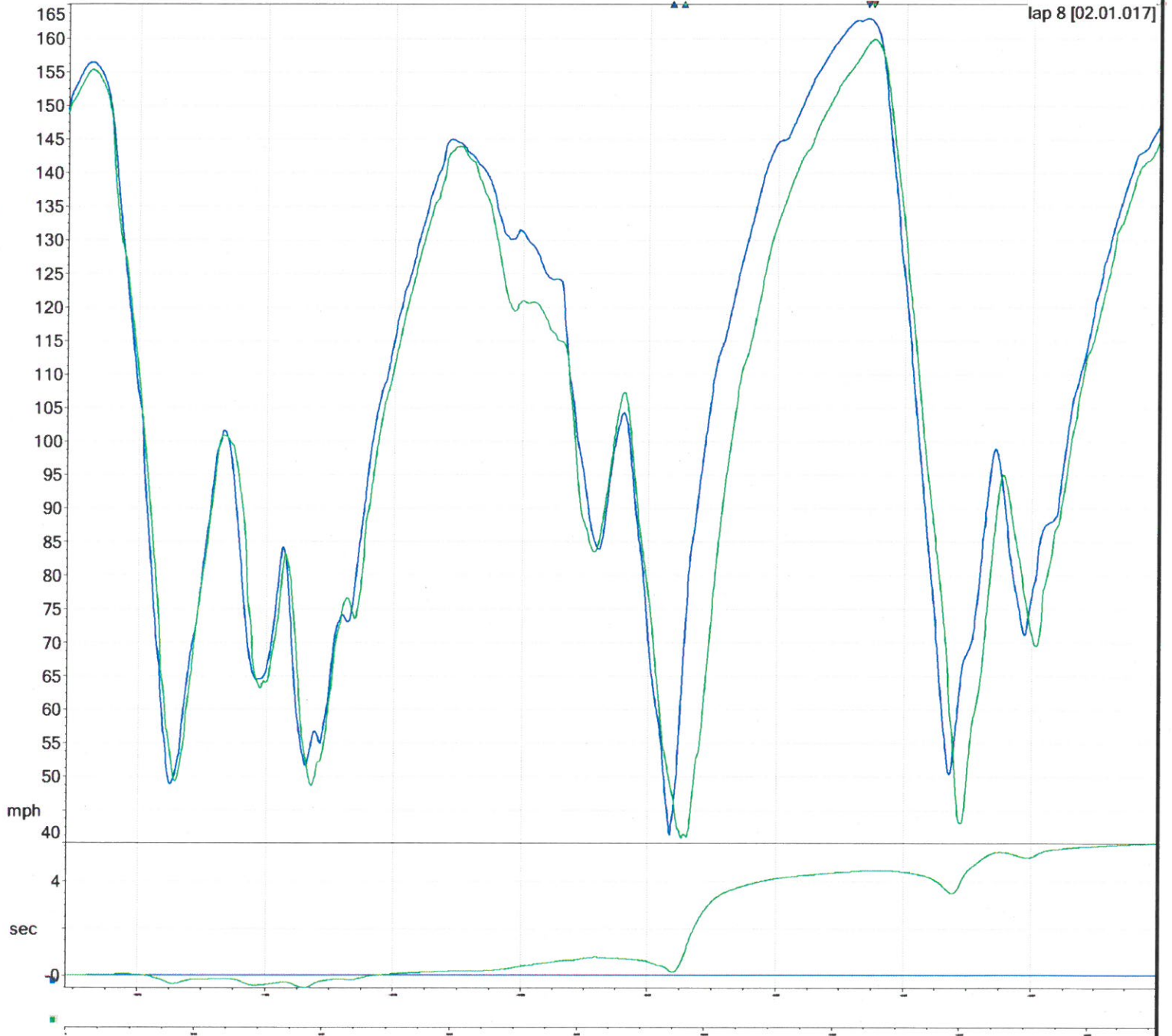
Historic Stockcar Racing

Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird04062017
Date: 04-06-17 09:30:43
Track: VIR
Vehicle: Thunderbird
Driver: JAO
Note: Raised the track bar and disconnect the rear sway bar.

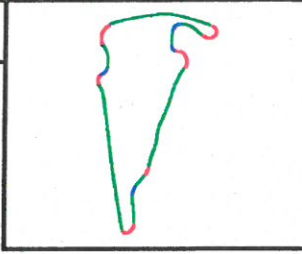
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JAOTThunderbird04062017 - 10 02.06.774 - GPS_Speed [mph]



John Orzechowski Racing

Historic Stockcar Racing

Race Studio Analysis - Racing Data Acquisition System



Name: JAOTThunderbird04062017
 Date: 04-06-17 09:30:43
 Track: VIR
 Vehicle: Thunderbird
 Driver: JAO
 Note: Raised the track bar and disconnect the rear sway bar.

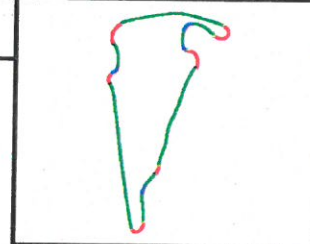
Data: JAOTThunderbird04062017 - 8-9 02.01.017 - GPS_Speed [mph]
 JAOTThunderbird04062017 - 10 02.06.774 - GPS_Speed [mph]

		1	2	3	4	5	6							
		histo	histo	histo	histo	histo	histo	histo	histo	histo	histo	histo		
Absolute split times														
Thunderbird04062017	run 1 lap 3	8.871	9.224	5.560	4.280	3.162	3.131	7.294	16.871	1.515	2.406	2.196		
Thunderbird04062017	run 1 lap 4	7.897	8.743	5.255	4.257	3.063	3.195	7.648	17.641	1.517	2.499	2.313		
Thunderbird04062017	run 1 lap 5	7.677	8.641	5.108	4.129	3.034	3.198	6.880	16.266	1.407	2.347	2.214		
Thunderbird04062017	run 1 lap 6	7.836	8.400	5.309	4.221	2.992	3.209	6.644	16.082	1.429	2.262	2.189		
Thunderbird04062017	run 1 lap 7	7.773	8.836	5.471	4.203	3.007	3.056	6.801	16.326	1.502	2.534	2.440		
Thunderbird04062017	run 1 lap 8	7.628	8.372	5.128	4.090	2.939	2.994	6.838	16.061	1.369	2.225	2.111		
Thunderbird04062017	run 1 lap 9	7.440	8.396	5.230	4.107	2.866	3.067	6.885	16.466	1.375	2.264	2.190		
Thunderbird04062017	run 1 lap 10	7.583	8.344	4.987	4.125	2.942	2.985	7.057	16.734	1.470	2.403	2.296		
Thunderbird04062017	Minimum value	7.440	8.344	4.987	4.090	2.866	2.985	6.644	16.061	1.369	2.225	2.111		
Thunderbird04062017	Maximum value	8.871	9.224	5.560	4.280	3.162	3.209	7.648	17.641	1.517	2.534	2.440		
Thunderbird04062017	Average value	7.838	8.620	5.256	4.176	3.001	3.104	7.006	16.556	1.448	2.367	2.244		
Thunderbird04062017	Std deviation	0.442	0.308	0.190	0.073	0.090	0.092	0.323	0.524	0.061	0.114	0.102		
Theoretical best lap														
Thunderbird04062017	best	7.440	8.344	4.987	4.090	2.866	2.985	6.644	16.061	1.369	2.225	2.111		
Best rolling lap														
Thunderbird04062017	run 1 lap 7													
Thunderbird04062017	run 1 lap 8	7.628	8.372	5.128	4.090	2.939	2.994	6.838	16.061	1.369	2.225	2.111		
Split time differences from best lap within test														
Thunderbird04062017	run 1 lap 3	1.243	0.852	0.431	0.190	0.223	0.137	0.457	0.810	0.145	0.182	0.085		
Thunderbird04062017	run 1 lap 4	0.269	0.370	0.127	0.167	0.124	0.201	0.811	1.581	0.148	0.275	0.202		
Thunderbird04062017	run 1 lap 5	0.049	0.269	-0.021	0.040	0.095	0.204	0.042	0.206	0.038	0.122	0.103		
Thunderbird04062017	run 1 lap 6	0.208	0.028	0.180	0.131	0.053	0.215	-0.194	0.021	0.060	0.037	0.078		
Thunderbird04062017	run 1 lap 7	0.145	0.463	0.342	0.113	0.068	0.062	-0.037	0.265	0.132	0.310	0.330		
Thunderbird04062017	run 1 lap 8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Thunderbird04062017	run 1 lap 9	-0.188	0.024	0.101	0.017	-0.072	0.073	0.047	0.405	0.006	0.039	0.080		
Thunderbird04062017	run 1 lap 10	-0.045	-0.028	-0.142	0.035	0.003	-0.009	0.219	0.674	0.101	0.179	0.186		



John Orzechowski Racing

Race Studio Analysis - Racing Data Acquisition System



Name: JAOTHunderbird04062017
 Date: 02-08-17 00:22:42
 Track: VFA
 Vehicle: Thunderbird
 Driver: JAO
 Race: Race of the South Carolina 1000 at Darlington

Class: JAOTHunderbird04062017 - 8-9 02.01.017 - GPS_Speed [mph]
 JAOTHunderbird04062017 - 10 02.06.774 - GPS_Speed [mph]

7	8	9	10					
histo	histo	histo	histo	histo	histo	histo	histo	histo
Absolute split times								
5.606	6.204	23.418	3.815	2.944	5.473	5.844	8.458	02.06.273
5.536	6.075	23.286	3.864	3.029	5.215	6.078	9.000	02.06.110
5.416	6.126	23.285	3.804	2.919	5.230	5.718	7.943	02.01.342
5.846	6.405	23.203	3.785	2.890	5.283	5.755	8.541	02.02.280
5.734	6.608	23.676	3.760	2.851	5.123	5.716	8.381	02.03.797
5.617	5.849	23.356	3.750	2.966	5.196	5.644	8.885	02.01.017
5.373	5.644	23.495	3.760	3.057	5.101	5.749	8.615	02.01.080
5.543	5.778	27.091	3.851	3.718	5.450	5.843	8.573	02.06.774
5.373	5.644	23.203	3.750	2.851	5.101	5.644	7.943	
5.846	6.608	27.091	3.864	3.718	5.473	6.078	9.000	
5.584	6.086	23.851	3.799	3.047	5.259	5.793	8.550	
0.156	0.324	1.317	0.043	0.280	0.138	0.133	0.322	
Theoretical best lap								
5.373	5.644	23.203	3.750	2.851	5.101	5.644	7.943	01.58.629
Best rolling lap								
				2.851	5.123	5.716	8.381	
5.617	5.849	23.356	3.750					02.00.396
Split time differences from best lap within test								
-0.011	0.355	0.062	0.065	-0.023	0.277	0.200	-0.427	00.05.256
-0.081	0.226	-0.070	0.114	0.063	0.019	0.434	0.115	00.05.093
-0.201	0.278	-0.071	0.054	-0.047	0.034	0.074	-0.943	00.00.325
0.229	0.556	-0.153	0.036	-0.076	0.087	0.111	-0.344	00.01.263
0.117	0.760	0.320	0.010	-0.115	-0.073	0.072	-0.505	00.02.780
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	00.00.000
-0.244	-0.205	0.139	0.010	0.091	-0.095	0.105	-0.271	00.00.063
-0.074	-0.071	3.735	0.102	0.752	0.254	0.199	-0.312	00.05.757



John Orzechowski Racing

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MOBILE OIL ANALYSIS REPORT

CONTAMINATION
WEAR
OIL CONDITION

NORMAL
NORMAL
NORMAL

11 - Front Gasoline Engine

Unit Make : FORD
Unit Model : THUNDERBIRD
Comp Make : FORD
Comp Model : 351 SV0

Serial No : JT012
Cust. Ref No. : {n/a}
Stub No. : WC-M1336679

Date Rec'd : Jun 9, 2017
Sample Date : Jun 4, 2017
Diagnostician : Don Baldrige

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	05/31/16	11/27/16	04/22/17	Current	UOM
Time on Unit	1	3.8	5.8	7.5	hrs
Time on Oil	1	2.8	4	6.5	hrs
Time on Fltr	1	2.8	4	1.5	hrs
Oil Maint.	changed	not chg	not chg	not chg	---
Filter Maint.	changed	not chg	changed	changed	---

CONTAMINATION

There is no indication of any contamination in the component.

Sample Date	05/31/16	11/27/16	04/22/17	Current	Abn
Silicon	63	29	50	43	30
Potassium	9.5	2.3	1.6	3.1	20
Sodium	15	6.4	11	6.4	80
Fuel (%)	<2.0	<2.0	<2.0	<2.0	4.0
Glycol	---	---	---	---	0.06
Water (%)	<0.1	<0.1	<0.1	<0.1	0.2
Soot (%)	0	0	0	0	---
Sulfation (%)	10	8	9	10	100
Nitration (%)	5	3	3	5	100

WEAR

All component wear rates are normal.

Sample Date	05/31/16	11/27/16	04/22/17	Current	Abn
Iron	24	11	12	14	150
Nickel	1.1	0.0	0.3	0.3	5
Chromium	1.1	0.8	0.4	1.2	20
Titanium	8.4	10	12	19	---
Copper	13	9.1	16	16	155
Aluminum	16	16	19	19	40
Tin	0.0	0.6	12	4.6	10
Lead	317	702	828	915	50
Silver	0.0	0.0	0.1	0.5	2

OIL CONDITION

Oil Type: 22 QTS of JGR XP 5

The condition of the oil is acceptable for the time in service.

Sample Date	05/31/16	11/27/16	04/22/17	Current	Base
Boron	2.1	10	10	9.3	---
Barium	0.1	0.0	0.2	0.7	---
Calcium	1441	455	463	419	---
Magnesium	17	3.4	8.8	1.4	---
Molybdenum	34	329	324	331	---
Sodium	15	6.4	11	6.4	---
Phosphorus	1597	1019	1059	986	---
Sulfur	8078	4586	4543	5110	---
Zinc	1618	1063	1047	1057	---
Visc 40°C (cSt)	---	---	---	---	---
Visc 100°C (cSt)	17.1	17.25	17.62	17.24	---
VI	---	---	---	---	---
Oxidation (%)	10	6	10	11	---

CHASSIS SETUP SHEET

DATE: 8-19-17
 CAR: BGN THUNDERBOLT #11
 TRACK: ROAD ATLANTA

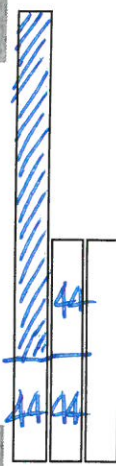
LF

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 800
 Anti-Dive & Slugs: 0° (0-0)
 Camber & Shims: -2 5/8" + 1/8" + 1/8"
 Caster & Slugs: +6° (1/8" - 1/8") 20° swivel
 Ride Height: 5 3/8"
 Upper A-Arm Angle: 20.2°
 Wheel Spacers: 1/8"

RF

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 800
 Anti-Dive & Slugs: 0° (0-0)
 Camber & Shims: -2° + 1/8"
 Caster & Slugs: +6° (3/16" - 3/16") 20° swivel
 Ride Height: 6"
 Upper A-Arm Angle: 18.3°
 Wheel Spacers: 1/8"

Front Valence Height: LF= 4" RF= 4 1/8"
 Front / Rear Brake Bias: FRONT: 550 REAR: 500
 Front Toe-Out: 1/8"
 Front Sway Bar: 1 1/8" HOLLOW / NEUTRAL
 Rear Sway Bar: 5/8" SOLID / NEUTRAL
 Rear End Ratio: 4.22:1
 Rear Pinion Angle: 3.1° DOWN SHIM: 2.0°
 Track Bar Height: LR= 11 1/8" RR= 11 1/8"
 Fuel Level: FULL

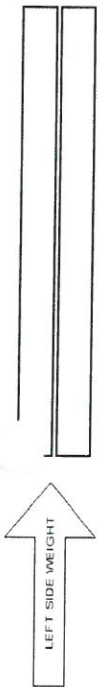


LR

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 325
 Camber: -1.5°
 Ride Height: 6 1/4"
 Trailing Arm Angle: 0.9° ↑ REAR
 Wheel Spacers: 1/4"

RR

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 325
 Camber: -1.5°
 Ride Height: 7"
 Trailing Arm Angle: 1.0° ↑ REAR
 Wheel Spacers: 1/8"



w/DRIVER @ 230

LF Weight: 913 RF Weight: 915
 LR Weight: 893 RR Weight: 889

Cross Weight (LF+RR): 1802 Right-Side Weight (RF+RR): 1804
 Front Weight (LF+RF): 1823 TOTAL (LF+RF+LR+RR): 3610

NOTES: * TOTAL WEIGHT w/DRIVER = 3610
 * HORBS = 108.9
 * CHANGED FRONT BRAKE ROTORS & PADS "15A"
 * REPAIRED BOTH CARBON FIBER DUCTS
 * REPAIRED LF WEAR STRIP

Track/Event: Road Atlanta - Fall Historics - Q1

Date: 9/15/17 Time: 9:00 a.m.

Weather & Conditions: 67° 75% Sunny

Lap Times:

- 1) 2 (m) 01.35 (s)
- 2) 1 (m) 43.21 (s)
- 3) 1 (m) 36.23 (s)
- *4) 1 (m) 34.51 (s)
- 5) 1 (m) 36.82 (s)
- 6) 1 (m) 35.48 (s)
- 7) 1 (m) 35.99 (s)
- 8) 3 (m) 16.86 (s)
- 9) ____ (m) ____ (s)
- 10) ____ (m) ____ (s)
- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 21 (psi) Hot: 32 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 21 (psi) Hot: 29 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes: _____

HOBBS START: 108.9
HOBBS STOP: 109.6 *15 min*

MILES: 20

ENGINE OIL TEMP: 195°
ENGINE WATER TEMP: 190°

BRAKE ROTOR TEMP (LF/RF): /
BRAKE ROTOR TEMP (LR/RR): /

2017 Atlanta Fall Historics

Sorted on best lap time

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 Qualifying 1

9/15/2017 09:00

Qualifying started at 8:59:43

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	9	Brian Norman	SCA	1:27.955	06 Dodge Charger 5927cc	White/Blue	Loganville GA
2	96	Chris Cook	GT1A	1:28.314	77 Chevrolet Nova	Purple/White	Scottsdale AZ
3	06	David Richardson / Justin Jackson	GT3	1:28.558	07 Porsche 997.2 Cup 4000cc	White/Green	Duluth GA
4	51	Hartmut von Seelen	GT2B	1:33.441	74 Porsche 911 RSR 3600cc	Yellow	Greenwood SC
5	11	John Orzechowski	SCB	1:34.486	97 Ford T-Bird 5927cc	Yellow/Black/Red	Frederick MD
6	74	Larry Hoopagh	SCA	1:34.669	08 Chevrolet Monte Carlo 5866cc	Black	Chester SC
7	90	Brent Bernath	SCA	1:34.785	06 Ford Fusion (NASCAR) 5927cc	Blue/Silver/Red	Atlanta GA
8	04	Gary Gould	AAGT	1:39.269	79 Porsche 935 3200cc turbo	Yellow/Black	Tulsa OK

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Track/Event: ROAD ATLANTA FALL HISTORICS Q2

Date: 9-15-17 Time: 2:10 PM

Weather & Conditions: 87°F 52%RH SUNNY TO P.C.

Lap Times:

1) 1 (m) 51.88 (s)

2) 1 (m) 37.36 (s)

3) 1 (m) 36.53 (s)

4) 1 (m) 35.83 (s)

5) 1 (m) 36.15 (s)

6) 1 (m) 34.81 (s)

*7) 1 (m) 34.70 (s)

8) 1 (m) 37.54 (s)

9) 3 (m) 04.94 (s)

10) ____ (m) ____ (s)

11) ____ (m) ____ (s)

12) ____ (m) ____ (s)

13) ____ (m) ____ (s)

14) ____ (m) ____ (s)

15) ____ (m) ____ (s)

16) ____ (m) ____ (s)

17) ____ (m) ____ (s)

18) ____ (m) ____ (s)

19) ____ (m) ____ (s)

20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 21 (psi) Hot: 31 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 21 (psi) Hot: 30 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes: _____

HOBBS START: 109.6
HOBBS STOP: 109.9 16mz

MILES: 23

ENGINE OIL TEMP: 215
ENGINE WATER TEMP: 190

BRAKE ROTOR TEMP (LF/RF): 1
BRAKE ROTOR TEMP (LR/RR): 1

HSR 2017 Atlanta Fall Historics

Sorted on best lap time

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 Qualifying 2

9/15/2017 14:10

Qualifying started at 14:08:15

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	96	Chris Cook	GT1A	1:28.290	77 Chevrolet Nova	Purple/White	Scottsdale AZ
2	06	David Richardson / Justin Jackson	GT3	1:28.308	07 Porsche 997.2 Cup 4000cc	Wht/Grn	Duluth GA
3	9	Brian Norman	SCA	1:28.698	06 Dodge Charger 5927cc	Wht/Blu	Loganville GA
4	04	Gary Gould	AAGT	1:32.655	79 Porsche 935 3200cc turbo	Blk/Yel	Tulsa OK
5	11	John Orzechowski	SCB	1:34.726	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
6	90	Brent Bernath	SCA	1:35.331	06 Ford Fusion (NASCAR) 5927cc	Blu/Sil/Red	Atlanta GA
7	51	Hartmut von Seelen	GT2B	1:35.333	74 Porsche 911 RSR 3600cc	Yellow	Greenwood SC

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Track/Event: Road Atlanta - Fall Historics - Q3

Date: 9/16/17

Time: 8:30 a.m

Weather & Conditions: 67°, 65% Sunny

Lap Times:

1) 1 (m) 57.79 (s)

2) 1 (m) 37.58 (s)

3) 1 (m) 35.08 (s)

*4) 1 (m) 33.32 (s)

5) 3 (m) 13.73 (s)

6) ____ (m) ____ (s)

7) ____ (m) ____ (s)

8) ____ (m) ____ (s)

9) ____ (m) ____ (s)

10) ____ (m) ____ (s)

11) ____ (m) ____ (s)

12) ____ (m) ____ (s)

13) ____ (m) ____ (s)

14) ____ (m) ____ (s)

15) ____ (m) ____ (s)

16) ____ (m) ____ (s)

17) ____ (m) ____ (s)

18) ____ (m) ____ (s)

19) ____ (m) ____ (s)

20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 28 1/2 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 27 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 24 1/2 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 24 (psi)

Notes:

Check Travel

F 2 3/4 2

R 3 1/4 3 1/2

HOBBS START: 109.9

HOBBS STOP: 110.6 10 mzd

MILES: 13

ENGINE OIL TEMP: 190°

ENGINE WATER TEMP: 170°

BRAKE ROTOR TEMP (LF/RF): /

BRAKE ROTOR TEMP (LR/RR): /

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 Qualifying 3

9/16/2017 08:30

Qualifying started at 8:29:25

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown
1	96	Chris Cook	GT1A	1:27.454	77 Chevrolet Nova	Purple/White	Scottsdale AZ
2	9	Brian Norman	SCA	1:27.564	06 Dodge Charger 5927cc	Wht/Blu	Loganville GA
3	06	David Richardson / Justin Jackson	GT3	1:27.681	07 Porsche 997.2 Cup 4000cc	Wht/Grn	Duluth GA
4	51	Hartmut von Seelen	GT2B	1:32.875	74 Porsche 911 RSR 3600cc	Yellow	Greenwood SC
5	11	John Orzechowski	SCB	1:33.534	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
6	74	Larry Hoopaugh	SCA	1:35.693	08 Chevrolet Monte Carlo 5866cc	Black	Chester SC
7	04	Gary Gould	AAGT		79 Porsche 935 3200cc turbo	Blk/Yel	Tulsa OK

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Track/Event: Road Atlanta - Fall Historics - Race 1

Date: 9/16/17 Time: 1:25 p.m.

Weather & Conditions: 89.7° 49% Sunny

Lap Times:

- 1) 2 (m) 32.52 (s)
- 2) 1 (m) 39.27 (s)
- 3) 1 (m) 35.14 (s)
- *4) 1 (m) 34.54 (s)
- 5) 1 (m) 35.03 (s)
- 6) 1 (m) 34.57 (s)
- 7) 1 (m) 34.76 (s)
- 8) 1 (m) 34.60 (s)
- 9) 1 (m) 34.81 (s)
- 10) 1 (m) 34.83 (s)
- 11) 2 (m) 37.94 (s)
- 12) ___ (m) ___ (s)
- 13) ___ (m) ___ (s)
- 14) ___ (m) ___ (s)
- 15) ___ (m) ___ (s)
- 16) ___ (m) ___ (s)
- 17) ___ (m) ___ (s)
- 18) ___ (m) ___ (s)
- 19) ___ (m) ___ (s)
- 20) ___ (m) ___ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 29 1/2 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 28 1/2 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 27 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 29 (psi)

Notes:

Shocks Tare

Front 3 1/2" 3 1/2"

Rear 3" 3 3/4"

HOBBS START: 110.6
HOBBS STOP: 111.0 20 MIN

MILES: 28

ENGINE OIL TEMP: 220°
ENGINE WATER TEMP: 190°

BRAKE ROTOR TEMP (LF/RF): /
BRAKE ROTOR TEMP (LR/RR): /

HSR 2017 Atlanta Fall Historics

Sorted on Laps

Group 8 & 9

Road Atlanta 2.540 miles

Group 8 & 9 WeatherTech Sprint Race 1

9/16/2017 13:25

Race (9 Laps) started at 13:28:32

Pos	No.	PIC Name	Class	Laps	Best Tm	Car Info	Hometown
1	96	1 Chris Cook	GT1A	9	1:26.358	77 Chevrolet Nova	Scottsdale AZ
2	9	1 Brian Norman	SCA	9	1:29.114	06 Dodge Charger 5927cc	Loganville GA
3	06	1 David Richardson / Justin Jackson	GT3	9	1:28.895	07 Porsche 997.2 Cup 4000cc	Duluth GA
4	51	1 Hartmut von Seelen	GT2B	9	1:34.015	74 Porsche 911 RSR 3600cc	Greenwood SC
5	11	1 John Orzechowski	SCB	9	1:34.601	97 Ford T-Bird 5927cc	Frederick MD

Margin of Victory	Avg. Speed	Best Lap Tm	Best Speed	Best Lap by
1.000	103.594	1:26.358	105.885	96 - Chris Cook

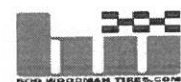
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Track/Event: ROAD ATLANTA - FALL HISTORIES - RACE 2

Date: 9-17-17 Time: 2:15 pm

Weather & Conditions: 92° 40% Hot; Sunny

Lap Times:

1) 2 (m) 18.81 (s)

2) 1 (m) 35.26 (s)

3) 1 (m) 35.01 (s)

*4) 1 (m) 34.67 (s)

5) 1 (m) 35.10 (s)

6) 1 (m) 35.72 (s)

7) 1 (m) 35.19 (s)

8) 1 (m) 35.07 (s)

9) 1 (m) 35.04 (s)

10) 1 (m) 35.52 (s)

11) 2 (m) 37.65 (s)

12) ___ (m) ___ (s)

13) ___ (m) ___ (s)

14) ___ (m) ___ (s)

15) ___ (m) ___ (s)

16) ___ (m) ___ (s)

17) ___ (m) ___ (s)

18) ___ (m) ___ (s)

19) ___ (m) ___ (s)

20) ___ (m) ___ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 31 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 29 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 25 (psi)

Notes: _____

HOBBS START: 111.0
HOBBS STOP: 111.5 20min

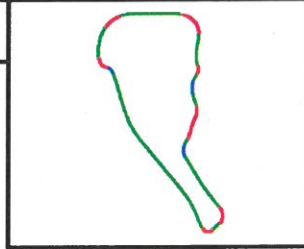
MILES: 27.5

ENGINE OIL TEMP: 215
ENGINE WATER TEMP: 180

TOTAL TIME = 1.55H
TOTAL MILEAGE = 112M

BRAKE ROTOR TEMP (LF/RF): 1
BRAKE ROTOR TEMP (LR/RR): 1

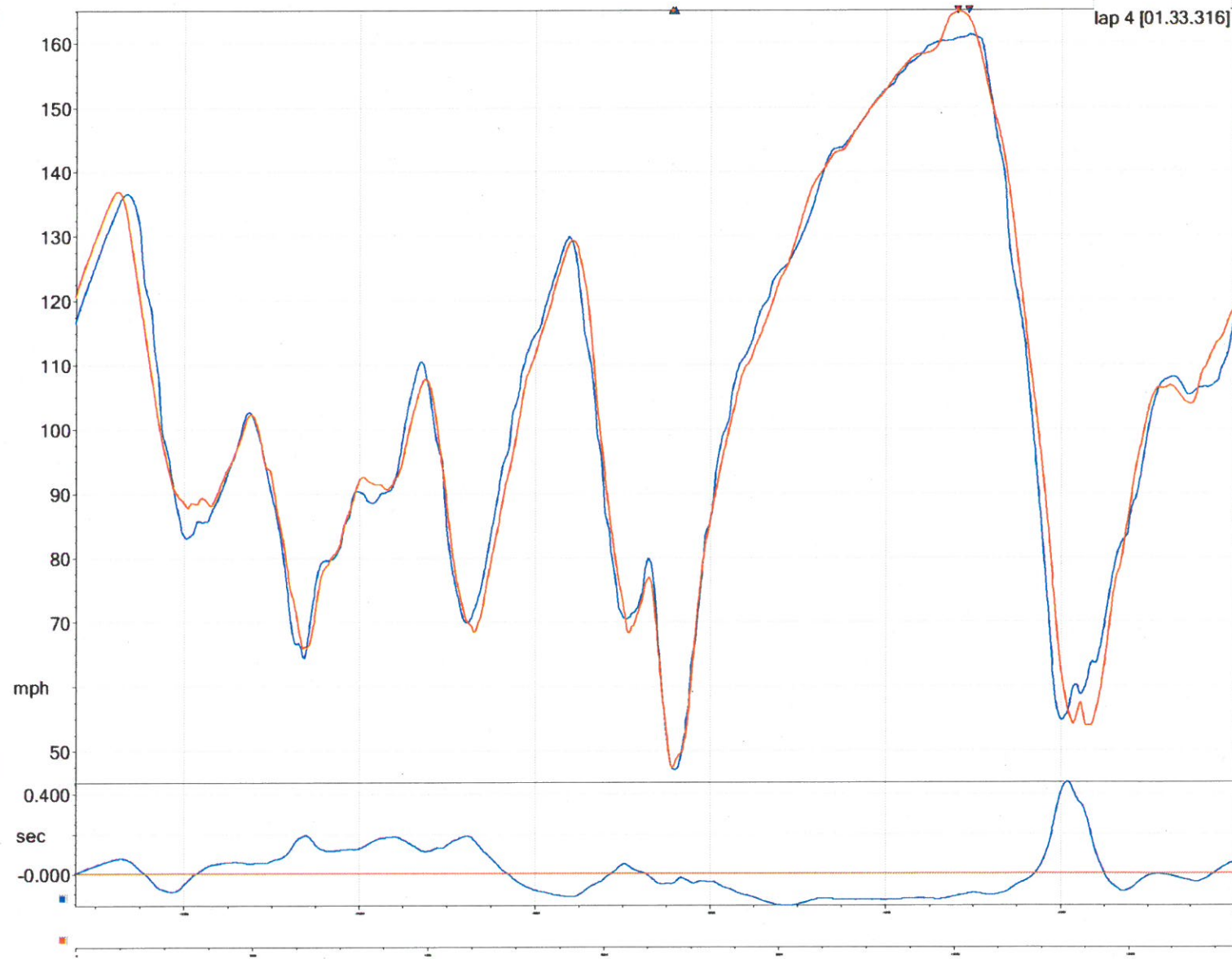
Race Studio Analysis - Racing Data Acquisition System



Name: JAOThunderbird16092017
Date: 16-09-17 08:29:25
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: Third run of the weekend, car handled good...only ran 5 laps...check the lap time!!

Name: JAOThunderbird22042017
Date: 22-04-17 07:59:50
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: HSR "The Mitty" - Q3 Ran D4722 tires with date code 1/2017, Right Side Martinsville

Data: JAOThunderbird16092017 - 4-5 01.33.316 - GPS_Speed [mph]
JAOThunderbird22042017 - 6 01.33.659 - GPS_Speed [mph]

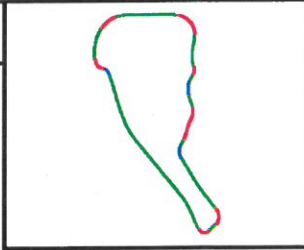


John Orzechowski Racing



Historic Stockcar Racing

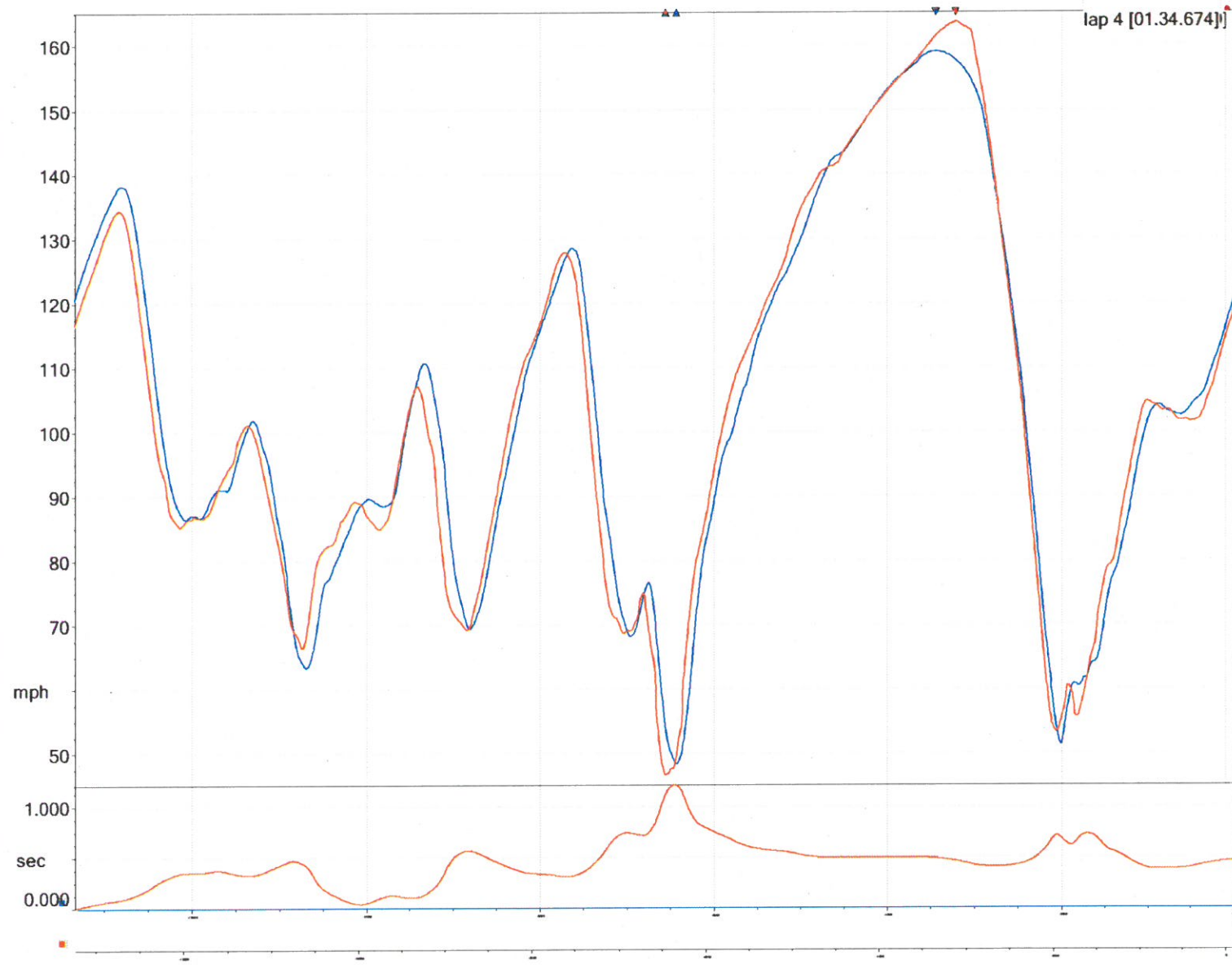
Race Studio Analysis - Racing Data Acquisition System



Name: JAOThunderbird16092017_001
Date: 16-09-17 13:26:04
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: First race of the weekend...hot...car ran good...brakes fadding late in race.

Name: JAOThunderbird17092017
Date: 17-09-17 14:14:20
Track: RoadAtlanta
Vehicle: Thunderbird
Driver: JAO
Note: Final race of the weekend, hot again. Track was slick and brakes we re fadding late.

Data: JAOThunderbird16092017_001 - 4-5 01.34.540 - GPS_Speed [mph]
JAOThunderbird17092017 - 4-5 01.34.674 - GPS_Speed [mph]



John Orzechowski Racing



Henrik Stenckow Racing

Race Studio Analysis - Racing Data Acquisition System

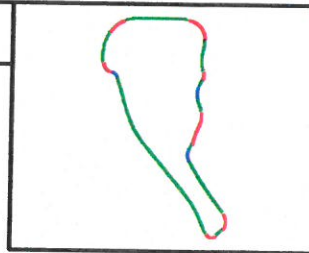
Name: JAOTHunderbird16092017
 Date: 16-09-17 08:29:25
 Track: RoadAtlanta
 Vehicle: Thunderbird
 Driver: JAO
 Note: Third run of the weekend, car handled good...only ran 5 laps...check the lap time!!
 Data: JAOTHunderbird16092017 - 4-5 01.33.316 - GPS_Speed [mph]
 JAOTHunderbird22042017 - 6 01.33.659 - GPS_Speed [mph]



		1	2	3	4	5						
		histo	histo	histo	histo	histo	histo	histo	histo	histo	histo	histo
Absolute split times												
underbird16092	run 1 lap 2	6.460	5.853	5.969	2.352	1.311	3.050	2.355	5.829	1.103	3.199	9.619
underbird16092	run 1 lap 3	6.229	5.403	5.653	2.187	1.232	2.790	2.155	5.664	1.162	2.974	9.515
underbird16092	run 1 lap 4	6.186	5.148	5.577	2.152	1.146	2.793	2.194	5.438	1.136	2.879	9.324
	Minimum value	6.186	5.148	5.577	2.152	1.146	2.790	2.155	5.438	1.103	2.879	9.324
	Maximum value	6.460	5.853	5.969	2.352	1.311	3.050	2.355	5.829	1.162	3.199	9.619
	Average value	6.292	5.468	5.733	2.230	1.230	2.878	2.235	5.643	1.134	3.018	9.486
	Std deviation	0.148	0.357	0.208	0.107	0.082	0.149	0.106	0.197	0.030	0.164	0.150
Theoretical best lap												
underbird16092	best	6.186	5.148	5.577	2.152	1.146	2.790	2.155	5.438	1.103	2.879	9.324
Best rolling lap												
underbird16092	run 1 lap 3											
underbird16092	run 1 lap 4	6.186	5.148	5.577	2.152	1.146	2.793	2.194	5.438	1.136	2.879	9.324
Split time differences from best lap within test												
underbird16092	run 1 lap 2	0.275	0.704	0.392	0.200	0.164	0.257	0.161	0.391	-0.033	0.320	0.295
underbird16092	run 1 lap 3	0.044	0.255	0.076	0.034	0.086	-0.004	-0.039	0.226	0.026	0.095	0.191
underbird16092	run 1 lap 4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



John Drzechowski Racing



Driver: JAOThunderbird16092017
 Date: 11-05-17 08:28:55
 Track: Road Atlanta
 Vehicle: Thunderbird
 Class: JAO
 Notes: 1st run of the weekend, and 1st run of the 5 laps, good
 1st lap, best!

JAOTThunderbird16092017 - 4-5 01.33.316 - GPS_Speed [mph]
 JAOTThunderbird22042017 - 6 01.33.659 - GPS_Speed [mph]

6	7	8	9	10					
histo	histo	histo	histo	histo	histo	histo	histo	histo	histo
Absolute split times									
3.927	1.983	3.916	23.406	2.427	3.827	5.829	3.094	2.070	01.37.580
3.804	2.054	3.860	23.679	2.453	3.657	5.523	3.163	1.925	01.35.082
3.747	2.069	3.786	23.006	2.415	3.734	5.500	3.051	2.034	01.33.316
3.747	1.983	3.786	23.006	2.415	3.657	5.500	3.051	1.925	
3.927	2.069	3.916	23.679	2.453	3.827	5.829	3.163	2.070	
3.826	2.035	3.854	23.364	2.432	3.739	5.618	3.103	2.010	
0.092	0.045	0.065	0.338	0.020	0.085	0.183	0.057	0.076	
Theoretical best lap									
3.747	1.983	3.786	23.006	2.415	3.657	5.500	3.051	1.925	01.32.968
Best rolling lap									
3.747	2.069	3.786	23.006	2.415	3.734	5.500	3.051	1.925	01.33.206
Split time differences from best lap within test									
0.180	-0.085	0.130	0.400	0.012	0.093	0.328	0.043	0.037	00.04.264
0.057	-0.015	0.074	0.673	0.038	-0.077	0.023	0.112	-0.109	00.01.766
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	00.00.000

John Orzechowski Racing



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
THUNDERBIRD 11 (S/N JT012)
 Component
FORD 351 SV0 Front Gasoline Engine
 Fluid
JGR XP5 (22 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number				WCM1323699	WCM1335679	WCM1323703
Sample Date				17 Sep 2017	04 Jun 2017	22 Apr 2017
Machine Age	hrs			9	8	6
Oil Age	hrs			8	7	4
Filter Age	hrs			3	2	4
Oil Changed				Not Changed	Not Changed	Not Changed
Filter Changed				Not Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185	>150	17	14	12
Chromium	ppm	ASTM D5185	>20	1.6	1.2	0.4
Manganese	ppm	ASTM D5185		0.2	0.3	0.2
Nickel	ppm	ASTM D5185	>5	1.1	0.3	0.3
Titanium	ppm	ASTM D5185		24	19	12
Silver	ppm	ASTM D5185	>2	0.0	0.5	0.1
Aluminum	ppm	ASTM D5185	>40	23	19	19
Lead	ppm	ASTM D5185	>50	1107	915	828
Copper	ppm	ASTM D5185	>155	18	16	16
Tin	ppm	ASTM D5185	>10	0.0	4.6	12
Vanadium	ppm	ASTM D5185		0.0	0.0	0.0
White Metal	scalar	Visual	NONE	NONE	NONE	NONE
Babbitt	scalar	Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185	>30	46	43	50
Potassium	ppm	ASTM D5185	>20	0.0	3.1	1.6
Soot %	%	ASTM D7686		0	0	0
Nitration (PA)	%	ASTM D7624	>100	5	5	3
Sulfation (PA)	%	ASTM D7415	>100	11	10	9
Silt	scalar	Visual	NONE	NONE	NONE	NONE
Debris	scalar	Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual	NONE	NONE	NONE	NONE
Appearance	scalar	Visual	NORML	NORML	NORML	NORML
Odor	scalar	Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185		6.4	6.4	11
Boron	ppm	ASTM D5185		10	9.3	10
Barium	ppm	ASTM D5185		0.0	0.7	0.2
Molybdenum	ppm	ASTM D5185		333	331	324
Magnesium	ppm	ASTM D5185		4.8	1.4	8.8
Calcium	ppm	ASTM D5185		470	419	463
Phosphorus	ppm	ASTM D5185		987	986	1059
Zinc	ppm	ASTM D5185		1105	1057	1047
Sulfur	ppm	ASTM D5185		4406	5110	4543
Oxidation (PA)	%	ASTM D7414	>100	13	11	10
Visc @ 100°C	cSt	ASTM D445		17.03	17.24	17.62

CHASSIS SETUP SHEET

DATE: 11-4-2017
 CAR: BGN THUNDERBIRD #11
 TRACK: SERRING

LF

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 800
 Anti-Dive & Slugs: 0° (0-0)
 Camber & Shims: -2.5° + 1/8" + 1/16"
 Caster & Slugs: +6° (1/8" - 1/8") 20° w/2/16"
 Ride Height: 5 3/8"
 Upper A-Arm Angle: 20.2°
 Wheel Spacers: 1/8"

RF

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 800
 Anti-Dive & Slugs: 0° (0-0)
 Camber & Shims: -2° + 1/16"
 Caster & Slugs: +6° (3/16" - 3/16") 20° w/2/16"
 Ride Height: 6"
 Upper A-Arm Angle: 18.3°
 Wheel Spacers: 1/8"

Front Valence Height: LF= 4" RF= 4 1/8"
 Front / Rear Brake Bias: FRONT: 550 REAR: 500
 Front Toe-Out: 1/8"
 Front Sway Bar: 1 1/8" HOLLOW / NEUTRAL
 Rear Sway Bar: 5/16" SOLID / NEUTRAL
 Rear End Ratio: 4:22:1
 Rear Pinion Angle: 3.1° Down SHIM: 2.0°
 Track Bar Height: LR= 11 1/8" RR= 11 1/8"
 Fuel Level: FULL

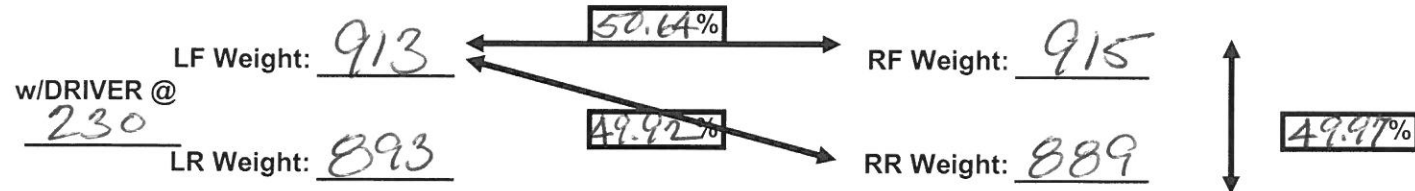
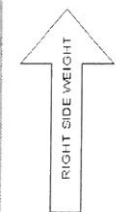


LR

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 325
 Camber: -1.5°
 Ride Height: 6 1/4"
 Trailing Arm Angle: 0.9° ↑ REAR
 Wheel Spacers: 1/4"

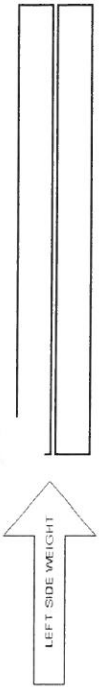
RR

Tire Pressure: 30 PSI
 Tire Size: D4590
 Shock Compression: _____
 Shock Rebound: _____
 Spring Rate: 325
 Camber: -1.5°
 Ride Height: 7"
 Trailing Arm Angle: 1.0° ↑ REAR
 Wheel Spacers: 1/8"



Cross Weight (LF+RR): 1802 Right-Side Weight (RF+RR): 1804
 Front Weight (LF+RF): 1823 TOTAL (LF+RF+LR+RR): 3610

NOTES: * TOTAL WEIGHT w/ DRIVER = 3610
 * HOBBS = 111.5
 * REPLACED REAR BRAKE ROTORS/BOLTS TORQUED 220 in-lb



Track/Event: SIEBRING w/ HSR "Q1"
 Date: 11-30-17 Time: 9:30 AM
 Weather & Conditions: SONNY & CLEAR 70°F 80%RH

Lap Times:

- | | |
|---|-------------------------|
| 1) <u>2</u> (m) <u>48.35</u> (s) | 11) _____ (m) _____ (s) |
| 2) <u>2</u> (m) <u>33.39</u> (s) | 12) _____ (m) _____ (s) |
| 3) <u>2</u> (m) <u>32.24</u> (s) | 13) _____ (m) _____ (s) |
| BLACK FLAG
4) <u>3</u> (m) <u>05.23</u> (s) | 14) _____ (m) _____ (s) |
| 5) <u>2</u> (m) <u>43.34</u> (s) | 15) _____ (m) _____ (s) |
| 6) <u>2</u> (m) <u>26.18</u> (s) | 16) _____ (m) _____ (s) |
| 7) <u>2</u> (m) <u>24.49</u> (s) | 17) _____ (m) _____ (s) |
| *8) <u>2</u> (m) <u>24.12</u> (s) | 18) _____ (m) _____ (s) |
| 9) <u>2</u> (m) <u>25.62</u> (s) | 19) _____ (m) _____ (s) |
| 10) <u>4</u> (m) <u>48.53</u> (s) | 20) _____ (m) _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 30 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 275 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 255 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 275 (psi)

Notes:

FIRST TIME ON THIS
TRACK IN 9 YEARS
RUSTY!!

HOBBS START: 111.5
 HOBBS STOP: 112.5 29 min

MILES: 36.6

ENGINE OIL TEMP: 200
 ENGINE WATER TEMP: 170

BRAKE ROTOR TEMP (LF/RF): /
 BRAKE ROTOR TEMP (LR/RR): /

HSR Groups 8, 9 & 10

Sebring International Raceway 3.740 miles

Group 8 9 10 Qualifying 1

11/30/2017 09:30

Qualifying started at 9:32:08

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown/Country
1	88	Henri Sicotte / Mikael Grenier	GT2A	2:09.696	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
2	92	Robert Sabato	9X	2:11.842	14 Ford Mustang 6145cc	Blue	
3	5	Steve Cohen / Ray Snowdon	GT1B	2:11.897	95 Olds Aurora GTS 5866cc	Wht/Yel/Pur	Alpine NJ
4	10	Grahame & Oliver Bryant/James Cottingh	SCA	2:12.332	05 Dodge Charger 5866cc	Red/Wht/Bl	Marlow UK
5	36	Patrick Mullaney	GT3A	2:13.198	12 Ferrari 458 Ch'ge 4500cc	White	Naples FL
6	097	Mac McGehee / Cory Friedman	GT3A	2:14.010	10 Porsche 997.2 Cup 3800cc	Org/Blk	Jacksonville FL
7	036	Jason Krikorian	GT3B	2:14.548	09 Porsche 997.1 Cup 3600cc	Wht/Red/Bl	Providence RI
8	57	Andres Leon	GT3B	2:16.526	06 Porsche 997.1 Cup 3600cc	White	Hopewell NJ
9	50	Eric Johnson	GT2A	2:16.569	06 Audi R12-DTM 4000cc	Red/Blue	Orland Park IL
10	71	Paul Reisman / John Reisman	GT3A	2:16.839	09 Porsche 997.2 Cup 3800cc	Chm/Blk	Tenafly NJ
11	42	David Lockwood	9X	2:17.341	17 Porsche 991.2 4000cc	Wht/Red/Bl	Park City UT
12	01	Ken McKinnon	GT2B	2:17.979	72 Porsche 911 RSR 3800cc	Blu/Org	Odessa FL
13	72	Frank DePew / Dion Von Moltke	GT2B	2:18.448	93 Porsche 964 Turbo S 3600cc	White	Midlothian VA
14	101	John & Ryan Harrold	GT3B	2:18.810	09 Porsche 997.1 Cup 3600cc	Wht/Red	Boca Raton FL
15	17	Randy Cassling / Christian Coggins	GT3B	2:21.905	05 Porsche 996 Cup 3600cc	Blu/Sil	Omaha NE
16	15	Ken Marlin	GT3C	2:22.046	00 Ferrari 360 Modena Chg 3580cc	Red	New York NY
17	76	Charles Craig	10X	2:22.133	16 Porsche Cayman GT4/CS 3800cc	R/W/B	Greenwich CT
18	11	John Orzechowski	SCB	2:23.991	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
19	6	Frank DePew / Dion Von Moltke	GT4	2:24.782	11 Porsche 997 GTS/GT4 3800cc	White	Midlothian VA
20	11c	Cody Ellsworth / Bruce Ellsworth	D-5	2:24.898	09 Porsche Cayman 2900cc	Black	USA/USA
21	67	Ernesto Alvarez	GT2B	2:24.947	84 Porsche 911/993 3600cc	White	Apopka FL
22	65	Don Ondrejcek	GT3B	2:26.775	07 Porsche 997.1 Cup 3600cc	White	Clearwater FL
23	141	Thomas Kirk	GT2B	2:27.251	95 Porsche 993 RSR 3800cc	Red	Satellite Beach FL
24	74	Larry Hoopaugh	SCA	2:28.263	04 Chevrolet Monte Carlo 5866cc	Wht/Red	Chester SC
25	118	Aurora Straus / Conner Bloum	tbd	2:28.671	09 Porsche Cayman	Org/Chrom	Monticello NY
26	125	James Cullen	GT3A	2:31.056	06 Porsche 997.2 Cup 3800cc	Wht/Blu	Burlingame CA
27	12	Andrew Uzarowski	GT3A	2:31.885	10 Porsche 997.2 Cup 3800cc	White	Forest Hill MD
28	103	Doug Sokolowski	GT2B		77 Porsche 911 3800cc	White	Treasure Island FL
29	990	Stuart Fain	GT3		10 Porsche 997.2 Cup 4000cc	R/W/B	Washington DC

Announcements

#103 & #990 - No transponder detected, not timed

Orbits



ENDURANCE CHALLENGE



Track/Event: SEBRING w/HSR "Q2"

Date: 11-30-17 Time: 2:30 pm

Weather & Conditions: SONNY & CLEAR 82°F 56%RH

Lap Times:

- 1) 2 (m) 34.50 (s)
- 2) 2 (m) 30.29 (s)
- 3) 2 (m) 30.95 (s)
- 4) 2 (m) 26.35 (s)
- 5) 2 (m) 26.62 (s)
- *6) 2 (m) 25.46 (s)
- 7) 3 (m) 03.51 (s)
- 8) ____ (m) ____ (s)
- 9) ____ (m) ____ (s)
- 10) ____ (m) ____ (s)

- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 28 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 27 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 23 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 23 (psi)

Notes:

ADDED 15 GALLONS

FUEL IS FULL!!

HOBBS START: 112.5

HOBBS STOP: 113.0 20mzw

MILES: 25.8

ENGINE OIL TEMP: 210

ENGINE WATER TEMP: 180

BRAKE ROTOR TEMP (LF/RF): /

BRAKE ROTOR TEMP (LR/RR): /

2017 HSR Classic 12 Hr/Sebring Historics

Sorted on best lap time

HSR Groups 8, 9 & 10

Sebring International Raceway 3.740 miles

Group 8 9 10 Qualifying 2

11/30/2017 14:30

Qualifying started at 14:29:12

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown/Country
1	88	Henri Sicotte / Mikael Grenier	GT2A	2:09.741	10 Chevy Camaro GT.R 6200cc	Red/Blk	St-Colomban Que
2	36	Patrick Mullaney	GT3A	2:11.876	12 Ferrari 458 Ch'ge 4500cc	White	Naples FL
3	92	Robert Sabato	9X	2:11.952	14 Ford Mustang 6145cc	Blue	
4	90	Carlos & Michael de Quesada	GT2A	2:12.323	04 Porsche 996 RSR 4000cc	White	Tampa FL
5	009	Scott Daiger	9X	2:12.323	15 Porsche 991 Cup 3800cc	Gray	Seattle WA
6	097	Mac McGehee / Cory Friedman	GT3A	2:13.862	10 Porsche 997.2 Cup 3800cc	Org/Blk	Jacksonville FL
7	50	Eric Johnson	GT2A	2:14.609	06 Audi R12-DTM 4000cc	Red/Blue	Orland Park IL
8	57	Andres Leon	GT3B	2:15.798	06 Porsche 997.1 Cup 3600cc	White	Hopewell NJ
9	101	John & Ryan Harrold	GT3B	2:16.444	09 Porsche 997.1 Cup 3600cc	Wht/Red	Boca Raton FL
10	036	Jason Krikorian	GT3B	2:16.956	09 Porsche 997.1 Cup 3600cc	Wht/Red/Bl	Providence RI
11	6	Frank DePew / Dion Von Moltke	GT4	2:17.308	11 Porsche 997 GTS/GT4 3800cc	White	Midlothian VA
12	42	David Lockwood	9X	2:17.784	17 Porsche 991.2 4000cc	Wht/Red/Bl	Park City UT
13	72	Frank DePew / Dion Von Moltke	GT2B	2:18.110	93 Porsche 964 Turbo S 3600cc	White	Midlothian VA
14	01	Ken McKinnon	GT2B	2:18.431	72 Porsche 911 RSR 3800cc	Blu/Org	Odessa FL
15	125	James Cullen	GT3A	2:20.252	06 Porsche 997.2 Cup 3800cc	Wht/Blu	Burlingame CA
16	74	Larry Hoopaugh	SCA	2:20.755	04 Chevrolet Monte Carlo 5866cc	Wht/Red	Chester SC
17	76	Charles Craig	10X	2:21.193	16 Porsche Cayman GT4/CS 3800cc	Y/W/B	Greenwich CT
18	17	Randy Cassling / Christian Coggins	GT3B	2:21.948	05 Porsche 996 Cup 3600cc	Blu/Sil	Omaha NE
19	65	Don Ondrejcek	GT3B	2:24.918	07 Porsche 997.1 Cup 3600cc	White	Clearwater FL
20	11	John Orzechowski	SCB	2:25.453	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
21	15	Ken Marlin	GT3C	2:28.068	00 Ferrari 360 Modena Chg 3580cc	Red	New York NY
22	12	Andrew Uzarowski	GT3A	2:28.312	10 Porsche 997.2 Cup 3800cc	White	Forest Hill MD
23	118	Aurora Straus / Conner Bloum	GT6	2:28.926	09 Porsche Cayman	Org/Chrom	Monticello NY
24	103	Doug Sokolowski	D-2	2:30.241	77 Porsche 911 3800cc	White	Treasure Island FL
25	10	Grahame & Oliver Bryant/James Cotting	SCA	2:31.045	05 Dodge Charger 5866cc	Red/Wht/Bl	Marlow UK
26	141	Thomas Kirk	GT2B	2:36.004	95 Porsche 993 RSR 3800cc	Red	Satellite Beach FL
27	990	Stuart Fain	GT3		10 Porsche 997.2 Cup 4000cc	R/W/B	Washington DC

Announcements

#990 - no transponder detected, not timed.

Orbits

Track/Event: SEBRING w/HSR "Q3"
 Date: 12-1-17 Time: 8:30 AM
 Weather & Conditions: SUNNY & CLEAR 63°F 78%RH

Lap Times:

- 1) 2 (m) 46.86 (s)
- * 2) 2 (m) 29.64 (s)
- 3) 5 (m) 15.36 (s)
- 4) ____ (m) ____ (s)
- 5) ____ (m) ____ (s)
- 6) ____ (m) ____ (s)
- 7) ____ (m) ____ (s)
- 8) ____ (m) ____ (s)
- 9) ____ (m) ____ (s)
- 10) ____ (m) ____ (s)
- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: 25 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: 24 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: 22 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: 22 (psi)

Notes:
TRACK WAS COLD
TIRES HAD NO GRIP
ADDED 3 1/2 GALLONS
FUEL IS FULL

HOBBS START: 113.0
 HOBBS STOP: 113.5 11 min
 MILES: 11.4
 ENGINE OIL TEMP: 180
 ENGINE WATER TEMP: 180
 BRAKE ROTOR TEMP (LF/RF): 1
 BRAKE ROTOR TEMP (LR/RR): 1

HSR Groups 8, 9 & 10

Sebring International Raceway 3.740 miles

Group 8 9 10 Qualifying 3

12/1/2017 08:30

Qualifying started at 8:30:38

Pos	No.	Name	Class	Best Tm	Car Info	Color	Hometown/Cou
1	43	William Binnie	GT2A	2:08.370	10 Ferrari 430 GTC 3995cc	Blu	Portsmouth NH
2	990	Stuart Fain	GT3	2:08.990	10 Porsche 997.2 Cup 4000cc	R/W/B	Washington DC
3	92	Robert Sabato	9X	2:12.884	14 Ford Mustang 6145cc	Blue	
4	097	Mac McGehee / Cory Friedman	GT3A	2:13.727	10 Porsche 997.2 Cup 3800cc	Org/Blk	Jacksonville FL
5	009	Scott Daiger	9X	2:13.935	15 Porsche 991 Cup 3800cc	Gray	Seattle WA
6	36	Patrick Mullaney	GT3A	2:14.886	12 Ferrari 458 Ch'ge 4500cc	White	Naples FL
7	57	Andres Leon	GT3B	2:15.645	06 Porsche 997.1 Cup 3600cc	White	Hopewell NJ
8	72	Frank DePew / Dion Von Moltke	GT2B	2:15.888	93 Porsche 964 Turbo S 3600cc	White	Midlothian VA
9	036	Jason Krikorian	GT3B	2:16.016	09 Porsche 997.1 Cup 3600cc	Wht/Red/Bl	Providence RI
10	101	John & Ryan Harrold	GT3B	2:17.142	09 Porsche 997.1 Cup 3600cc	Wht/Red	Boca Raton FL
11	42	David Lockwood	9X	2:17.520	17 Porsche 991.2 4000cc	Wht/Red/Bl	Park City UT
12	10	Grahame & Oliver Bryant/James Cottingham	SCA	2:17.580	05 Dodge Charger 5866cc	Red/Wht/Bl	Marlow UK
13	76	Charles Craig	10X	2:20.732	16 Porsche Cayman GT4/CS 3800cc	Y/W/B	Greenwich CT
14	15	Ken Marlin	GT3C	2:21.774	00 Ferrari 360 Modena Chg 3580cc	Red	New York NY
15	17	Randy Cassling / Christian Coggins	GT3B	2:23.120	05 Porsche 996 Cup 3600cc	Blu/Sil	Omaha NE
16	141	Thomas Kirk	GT2B	2:23.696	95 Porsche 993 RSR 3800cc	Red	Satellite Beach FL
17	01	Ken McKinnon	GT2B	2:24.710	72 Porsche 911 RSR 3800cc	Blu/Org	Odessa FL
18	67	Ernesto Alvarez	GT2B	2:27.283	84 Porsche 911/993 3600cc	White	Apopka FL
19	12	Andrew Uzarowski	GT3A	2:29.342	10 Porsche 997.2 Cup 3800cc	White	Forest Hill MD
20	11	John Orzechowski	SCB	2:29.534	97 Ford T-Bird 5927cc	Yel/Blk/Red	Frederick MD
21	103	Doug Sokolowski	D-2	2:30.726	77 Porsche 911 3800cc	White	Treasure Island F
22	125	James Cullen	GT3A	2:31.313	06 Porsche 997.2 Cup 3800cc	Wht/Blu	Burlingame CA
23	74	Larry Hoopaugh	SCA	2:31.439	04 Chevrolet Monte Carlo 5866cc	Wht/Red	Chester SC
24	71	Paul Reisman / John Reisman	GT3A	2:31.737	09 Porsche 997.2 Cup 3800cc	Chm/Blk	Tenafly NJ
25	118	Aurora Straus / Conner Bloum	GT6	2:36.069	09 Porsche Cayman	Org/Chrom	Monticello NY
26	65	Don Ondrejcek	GT3B	2:45.366	07 Porsche 997.1 Cup 3600cc	White	Clearwater FL
27	50	Eric Johnson	GT2A	3:05.241	06 Audi R12-DTM 4000cc	Red/Blue	Orland Park IL

Track/Event: SERBING w/HSR "RACE#1"

Date: 12-1-17 Time: 3:30 pm

Weather & Conditions: SONNY & CLEAR 85°F 45%RH

Lap Times:

- 1) 3 (m) 15.74 (s)
- 2) 2 (m) 33.49 (s)
- 3) 2 (m) 29.69 (s)
- 4) 3 (m) 32.51 (s)
- 5) 3 (m) 23.66 (s)
- 6) 2 (m) 28.97 (s)
- 7) 2 (m) 27.00 (s)
- 8) 2 (m) 26.61 (s)
- 9) 3 (m) 41.20 (s)
- 10) ____ (m) ____ (s)
- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: ____ (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: ____ (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: ____ (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: ____ (psi)

Notes: _____
PUT ON D4722 TIRES

ADDED 7 GALLONS
FUEL IS FULL!

HOBBS START: 113.5
HOBBS STOP: 114.7 27mzd

MILES: 32.8

ENGINE OIL TEMP: 210
ENGINE WATER TEMP: 180

BRAKE ROTOR TEMP (LF/RF): /
BRAKE ROTOR TEMP (LR/RR): /

HSR Groups 8, 9 & 10

Sebring International Raceway 3.740 miles

Group 8 9 10 Race 1

12/1/2017 15:30

Race (7 Laps) started at 15:37:00

Pos	No.	PIC Name	Class	Laps	Best Tm	Car Info	Hometown/Country
1	50	1 Eric Johnson / Ernie Francis Jr	GT2A	7	2:03.739	06 Audi R12-DTM 4000cc	Orland Park IL
2	43	2 William Binnie	GT2A	7	2:08.662	10 Ferrari 430 GTC 3995cc	Portsmouth NH
3	990	1 Stuart Fain	GT3	7	2:12.230	10 Porsche 997.2 Cup 4000cc	Washington DC
4	009	1 Scott Daiger	9X	7	2:12.536	15 Porsche 991 Cup 3800cc	Seattle WA
5	10	1 Grahame & Oliver Bryant/James Cottingh	SCA	7	2:12.242	05 Dodge Charger 5866cc	Marlow UK
6	097	1 Mac McGehee / Cory Friedman	GT3A	7	2:13.440	10 Porsche 997.2 Cup 3800cc	Jacksonville FL
7	36	2 Patrick Mullaney	GT3A	7	2:13.114	12 Ferrari 458 Ch'ge 4500cc	Naples FL
8	72	1 Frank DePew / Dion Von Moltke	GT1B	7	2:14.654	93 Porsche 964 Turbo S 3600cc	Midlothian VA
9	42	2 David Lockwood	9X	7	2:16.659	17 Porsche 991.2 4000cc	Park City UT
10	6	1 Frank DePew / Dion Von Moltke	GT4	7	2:18.357	11 Porsche 997 GTS/GT4 3800cc	Midlothian VA
11	101	1 John & Ryan Harrold	GT3B	7	2:18.922	09 Porsche 997.1 Cup 3600cc	Boca Raton FL
12	71	3 Paul Reisman / John Reisman	GT3A	7	2:19.986	09 Porsche 997.2 Cup 3800cc	Tenafly NJ
13	76	1 Charles Craig	10X	7	2:20.545	16 Porsche Cayman GT4/CS 3800	Greenwich CT
14	01	1 Ken McKinnon	GT2B	7	2:21.978	72 Porsche 911 RSR 3800cc	Odessa FL
15	92	3 Robert Sabato	9X	7	2:15.720	14 Ford Mustang 6145cc	
16	141	2 Thomas Kirk	GT2B	7	2:23.760	95 Porsche 993 RSR 3800cc	Satellite Beach FL
17	15	1 Ken Marlin	GT3C	7	2:23.546	00 Ferrari 360 Modena Chg 3580	New York NY
18	17	2 Randy Cassling / Christian Coggins	GT3B	7	2:22.693	05 Porsche 996 Cup 3600cc	Omaha NE
19	65	3 Don Ondrejcek	GT3B	7	2:25.475	07 Porsche 997.1 Cup 3600cc	Clearwater FL
20	11	1 John Orzechowski	SCB	7	2:26.595	97 Ford T-Bird 5927cc	Frederick MD
21	12	4 Andrew Uzarowski	GT3A	7	2:27.607	10 Porsche 997.2 Cup 3800cc	Forest Hill MD
22	118	1 Aurora Straus / Conner Bloum	GT6	7	2:30.198	09 Porsche Cayman	Monticello NY
23	103	1 Doug Sokolowski	D-2	7	2:31.414	77 Porsche 911 3800cc	Treasure Island FL
24	5	2 Steve Cohen / Ray Snowdon	GT1B	3	2:27.143	95 Olds Aurora GTS 5866cc	Alpine NJ
25	67	3 Ernesto Alvarez	GT2B	2	2:39.996	84 Porsche 911/993 3600cc	Apopka FL
26	88	3 Henri Sicotte / Mikael Grenier	GT2A	1	3:06.545	10 Chevy Camaro GT.R 6200cc	St-Colomban Que
27	74	2 Larry Hoopagh	SCA	1	3:39.783	04 Chevrolet Monte Carlo 5866cc	Chester SC

Text

Announcements

"X" Class cars not eligible for podium, awards or points

Margin of Victory	Avg. Speed	Best Lap Tm	Best Speed	Best Lap by
07	85.906	2:03.739	108.810	50 - Eric Johnson / Ernie Francis Jr



Track/Event: SEBRING w/HSR "RACE#2"

Date: 12-2-17 Time: 10:00 AM

Weather & Conditions: SUNNY & CLEAR 72°F 78%RH

Lap Times:

- 1) 3 (m) 03.82 (s)
- 2) 3 (m) 19.72 (s)
- 3) 2 (m) 31.95 (s)
- 4) 0 (m) 51.70 (s)
- 5) ____ (m) ____ (s)
- 6) ____ (m) ____ (s)
- 7) ____ (m) ____ (s)
- 8) ____ (m) ____ (s)
- 9) ____ (m) ____ (s)
- 10) ____ (m) ____ (s)
- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 20 (psi) Hot: ____ (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 20 (psi) Hot: ____ (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 19 (psi) Hot: ____ (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 19 (psi) Hot: ____ (psi)

Notes: _____

HOBBS START: 114.7
HOBBS STOP: 114.8 11m24

MILES: 11.7

ENGINE OIL TEMP: 180
ENGINE WATER TEMP: 180

TOTAL TIME = 1.5
TOTAL = 119

BRAKE ROTOR TEMP (LF/RF): 1
BRAKE ROTOR TEMP (LR/RR): 1

2017 HSR Classic 12 Hr/Sebring Historics

Sorted on Laps

HSR Groups 8, 9 & 10

Sebring International Raceway 3.740 miles

Group 8 9 10 Race 2

12/2/2017 10:00

Race (8 Laps) started at 10:04:52

Pos	No.	PIC	Name	Class	Laps	Best Tm	Car Info	Hometown/Country
1	50	1	Eric Johnson / Ernie Francis Jr	GT2A	8	2:01.202	06 Audi R12-DTM 4000cc	Orland Park IL
2	43	2	William Binnie	GT2A	8	2:10.382	10 Ferrari 430 GTC 3995cc	Portsmouth NH
3	990	1	Stuart Fain	GT3	8	2:11.830	10 Porsche 997.2 Cup 4000cc	Washington DC
4	009	1	Scott Daiger	9X	8	2:13.158	15 Porsche 991 Cup 3800cc	Seattle WA
5	097	1	Mac McGehee / Cory Friedman	GT3A	8	2:13.112	10 Porsche 997.2 Cup 3800cc	Jacksonville FL
6	10	1	Grahame & Oliver Bryant/James Cottin	SCA	8	2:14.390	05 Dodge Charger 5866cc	Marlow UK
7	36	2	Patrick Mullaney	GT3A	8	2:13.808	12 Ferrari 458 Ch'ge 4500cc	Naples FL
8	42	2	David Lockwood	9X	8	2:17.541	17 Porsche 991.2 4000cc	Park City UT
9	6	1	Frank DePew / Dion Von Moltke	GT4	8	2:16.766	11 Porsche 997 GTS/GT4 3800cc	Midlothian VA
10	76	1	Charles Craig	10X	8	2:20.244	16 Porsche Cayman GT4/CS 3800cc	Greenwich CT
11	01	1	Ken McKinnon	GT2B	8	2:20.440	72 Porsche 911 RSR 3800cc	Odessa FL
12	15	1	Ken Marlin	GT3C	8	2:21.822	00 Ferrari 360 Modena Chg 3580cc	New York NY
13	17	1	Randy Cassling / Christian Coggins	GT3B	8	2:21.933	05 Porsche 996 Cup 3600cc	Omaha NE
14	125	3	James Cullen	GT3A	8	2:24.840	06 Porsche 997.2 Cup 3800cc	Burlingame CA
15	65	2	Don Ondrejcek	GT3B	8	2:26.603	07 Porsche 997.1 Cup 3600cc	Clearwater FL
16	12	4	Andrew Uzarowski	GT3A	8	2:25.576	10 Porsche 997.2 Cup 3800cc	Forest Hill MD
17	103	1	Doug Sokolowski	D-2	8	2:28.731	77 Porsche 911 3800cc	Treasure Island FL
18	67	2	Ernesto Alvarez	GT2B	8	2:26.791	84 Porsche 911/993 3600cc	Apopka FL
19	92	3	Robert Sabato	9X	7	2:16.133	14 Ford Mustang 6145cc	
20	101	3	John & Ryan Harrold	GT3B	7	2:21.339	09 Porsche 997.1 Cup 3600cc	Boca Raton FL
21	141	3	Thomas Kirk	GT2B	4	2:25.319	95 Porsche 993 RSR 3800cc	Satellite Beach FL
22	11	1	John Orzechowski	SCB	2	2:31.877	97 Ford T-Bird 5927cc	Frederick MD
23	74	2	Larry Hoopaugh	SCA	2	2:33.231	04 Chevrolet Monte Carlo 5866cc	Chester SC
24	72	1	Frank DePew / Dion Von Moltke	GT1B			93 Porsche 964 Turbo S 3600cc	Midlothian VA

Announcements

"X" Class cars not eligible for podium, awards or points

Margin of Victory	Avg. Speed	Best Lap Tm	Best Speed	Best Lap by
111	87.217	2:01.202	111.087	50 - Eric Johnson / Ernie Francis Jr

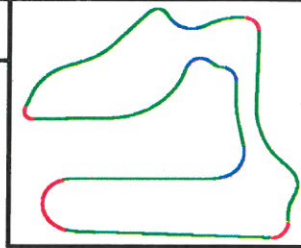


ENDURANCE CHALLENGE

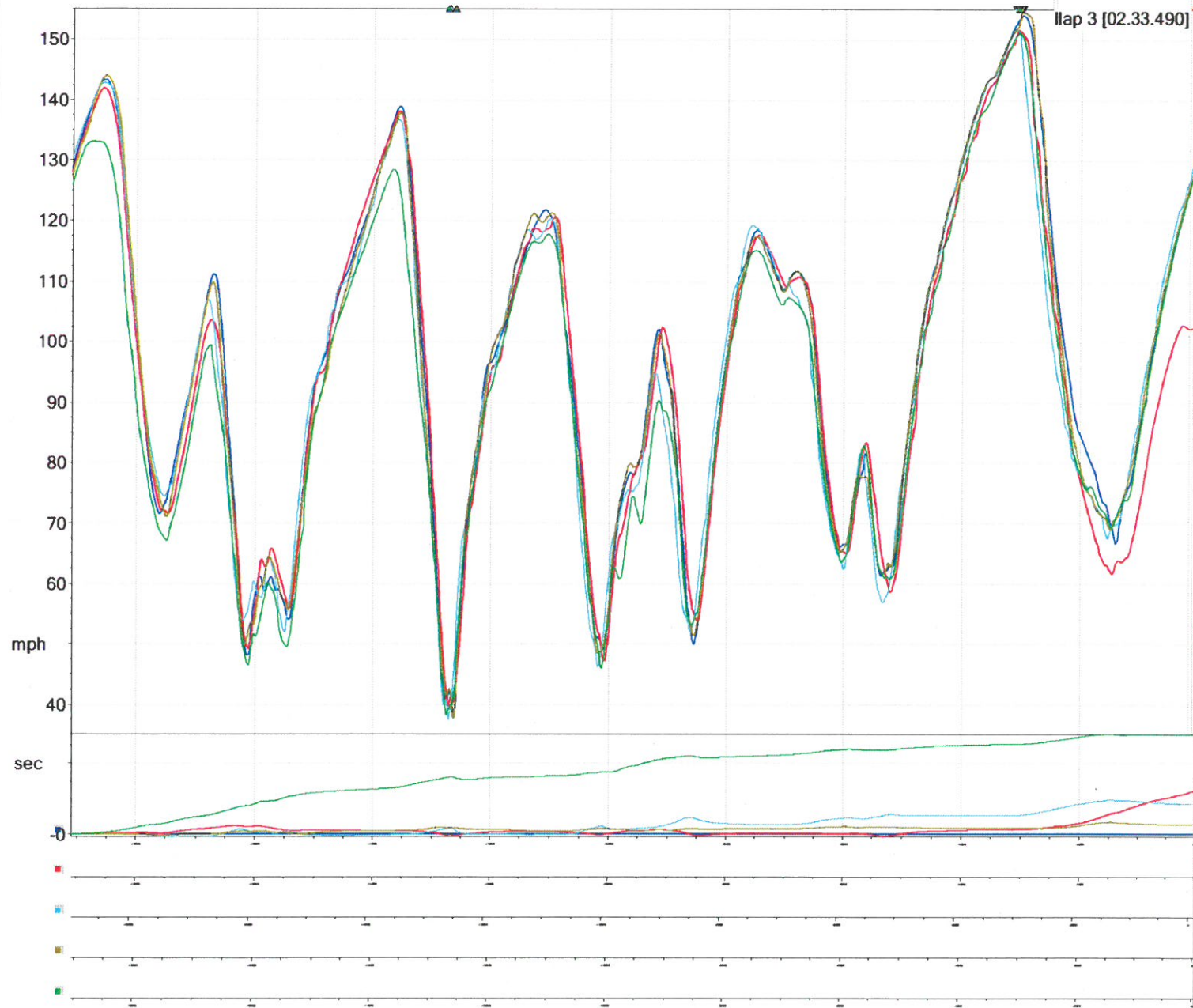


Race Studio Analysis - Racing Data Acquisition System

Name: JAOTThunderbird01122017_001
Date: 01-12-17 15:33:27
Track: Sebring
Vehicle: Thunderbird
Driver: JAO
Note: Race #1 - A little warmer...started 3rd in class and finished 2nd in class. Ran 2 laps of caution for on track incidents.



Data: JAOTThunderbird01122017_001 - 9-10 02.26.606 - GPS_Speed [mph]
JAOTThunderbird01122017_001 - 4-5 02.29.689 - GPS_Speed [mph]
JAOTThunderbird01122017_001 - 7-8 02.28.968 - GPS_Speed [mph]
JAOTThunderbird01122017_001 - 8-9 02.27.004 - GPS_Speed [mph]
JAOTThunderbird01122017_001 - 3-4 02.33.490 - GPS_Speed [mph]



John Orzechowski Racing



Historic Stockcar Racing

Name: JAOThunderbird30112017_001
 Date: 30-11-17 10:44:21
 Track: Sebring
 Vehicle: Thunderbird
 Driver: JAO
 Note: 1st Qualifying Session - P2...after black flag for going 4-off

Data: JAOThunderbird30112017_001 - 4-5 02.24.115 - GPS_Speed [mph]

	1		2		3		4		5		
	histo	histo	histo	histo	histo	histo	histo	histo	histo	histo	
Thunderbird301120	6.940	5.717	7.938	3.622	2.384	4.681	16.961	4.204	21.976	4.162	5.560
Thunderbird301120	7.003	5.578	7.270	3.632	2.403	4.682	16.554	4.146	21.474	4.186	5.472
Thunderbird30112017	6.834	5.601	7.264	3.595	2.399	4.603	16.648	4.201	21.235	4.248	5.551
Thunderbird301120	6.918	5.735	7.024	3.738	2.405	4.686	16.481	4.116	21.950	4.245	5.746
minimum value	6.834	5.578	7.024	3.595	2.384	4.603	16.481	4.116	21.235	4.162	5.472
maximum value	7.003	5.735	7.938	3.738	2.405	4.686	16.961	4.204	21.976	4.248	5.746
average value	6.924	5.658	7.374	3.647	2.398	4.663	16.661	4.167	21.659	4.210	5.582
std deviation	0.069	0.080	0.393	0.063	0.010	0.040	0.211	0.043	0.365	0.043	0.116
Thunderbird301120	best	5.578	7.024	3.595	2.384	4.603	16.481	4.116	21.235	4.162	5.472
Thunderbird301120	run 1 lap 2	0.105	0.117	0.674	0.027	0.078	0.313	0.002	0.741	-0.085	0.009
Thunderbird301120	run 1 lap 3	0.168	-0.022	0.006	0.037	-0.015	-0.094	-0.055	0.238	-0.062	-0.078
Thunderbird30112017	run 1 lap 4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Thunderbird301120	run 1 lap 5	0.084	0.134	-0.240	0.143	0.007	-0.167	-0.086	0.714	-0.002	0.196

Absolute split times

Split time differences from best lap within test



Michalec, Stockcar Racing

John Orzechowski Racing

Name: JAOThunderbird30112017_001
 Date: 30-11-17 10:44:23
 Track: Silverstone
 Vehicle: Thunderbird
 Driver: JAO
 Note: 1st Qualifying Session - P2 Matrix black flag for going off

Data: JAOThunderbird30112017_001 - 4-5 02.24.115 - GPS_Speed [mph]

	6	7	8	
histo	histo	histo	histo	histo
3.481	22.335	3.903	17.175	9.263
3.347	22.174	3.878	17.198	9.196
3.424	22.076	4.004	17.051	9.098
3.501	22.558	3.951	17.235	9.298
3.347	22.076	3.878	17.051	9.098
3.501	22.558	4.004	17.235	9.298
3.438	22.286	3.934	17.165	9.214
0.069	0.210	0.056	0.080	0.088
			Theoretical best lap	
3.347	22.076	3.878	17.051	9.098
			Split time differences from best lap within test	
0.057	0.259	-0.101	0.124	0.165
-0.077	0.098	-0.126	0.147	0.097
0.000	0.000	0.000	0.000	0.000
0.077	0.482	-0.053	0.185	0.199
				-0.254
				0.001.501
				0.000.000
				0.000.379
				0.02.061
				-0.408
				5.874
				6.301
				6.282
				02.24.115
				6.028
				5.874
				6.301
				6.121
				0.207
				0.222.809
				5.874
				02.26.176
				02.24.494

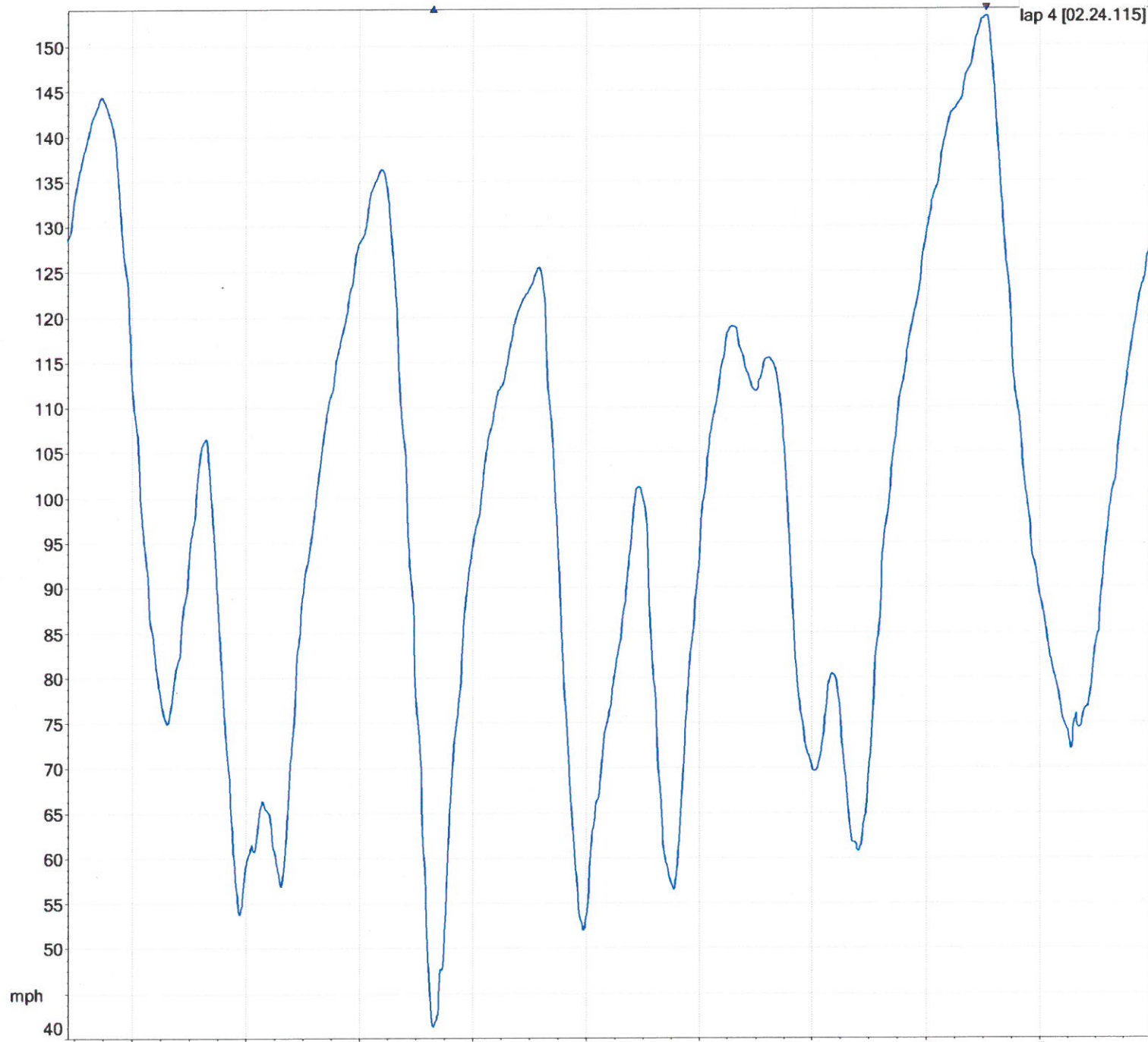
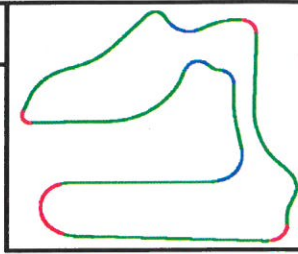


Historic Silverstone Racing

John Orzechowski Racing

Race Studio Analysis - Racing Data Acquisition System

Name: JAOTThunderbird30112017_001
Date: 30-11-17 10:44:21
Track: Sebring
Vehicle: Thunderbird
Driver: JAO
Note: 1st Qualifying Session - P2...after black flag for going 4-off
Data: JAOTThunderbird30112017_001 - 4-5 02.24.115 - GPS_Speed [mph]



John Orzechowski Racing



Historic Stockcar Racing



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
THUNDERBIRD 11 (S/N JT012)
 Component
FORD 351 SV0 Front Gasoline Engine
 Fluid
JGR XP5 (22 QTS)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number				DCM1323704	WCM1323699	WCM1336679
Sample Date				02 Dec 2017	17 Sep 2017	04 Jun 2017
Machine Age	hrs			11	9	8
Oil Age	hrs			10	8	7
Filter Age	hrs			5	3	2
Oil Changed				Changed	Not Changd	Not Changd
Filter Changed				Changed	Not Changd	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

Moderate concentration of visible metal present. All component wear rates are normal.

Iron	ppm	ASTM D5185	>150	26	17	14
Chromium	ppm	ASTM D5185	>20	1.2	1.6	1.2
Manganese	ppm	ASTM D5185		0.2	0.2	0.3
Nickel	ppm	ASTM D5185	>5	0.5	1.1	0.3
Titanium	ppm	ASTM D5185		22	24	19
Silver	ppm	ASTM D5185	>2	0.1	0.0	0.5
Aluminum	ppm	ASTM D5185	>40	29	23	19
Lead	ppm	ASTM D5185	>50	1369	1107	915
Copper	ppm	ASTM D5185	>155	19	18	16
Tin	ppm	ASTM D5185	>10	1.8	0.0	4.6
Vanadium	ppm	ASTM D5185		0.0	0.0	0.0
White Metal	scalar	Visual	NONE	▲ MODER	NONE	NONE
Babbitt	scalar	Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185	>30	47	46	43
Potassium	ppm	ASTM D5185	>20	0.1	0.0	3.1
Soot %	%	ASTM D7686		0	0	0
Nitration (PA)	%	ASTM D7624	>100	5	5	5
Sulfation (PA)	%	ASTM D7415	>100	10	11	10
Silt	scalar	Visual	NONE	NONE	NONE	NONE
Debris	scalar	Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual	NONE	NONE	NONE	NONE
Appearance	scalar	Visual	NORML	NORML	NORML	NORML
Odor	scalar	Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185		7.3	6.4	6.4
Boron	ppm	ASTM D5185		8.5	10	9.3
Barium	ppm	ASTM D5185		0.9	0.0	0.7
Molybdenum	ppm	ASTM D5185		310	333	331
Magnesium	ppm	ASTM D5185		4.6	4.8	1.4
Calcium	ppm	ASTM D5185		396	470	419
Phosphorus	ppm	ASTM D5185		850	987	996
Zinc	ppm	ASTM D5185		1008	1105	1057
Sulfur	ppm	ASTM D5185		4025	4406	5110
Oxidation (PA)	%	ASTM D7414	>100	12	13	11
Visc @ 100°C	cSt	ASTM D445		17.02	17.03	17.24

<u>Acquired From</u>	<u>Mounted</u>	<u># of Laps</u>	<u>Last Run</u>	<u>Description</u>	<u>MARKED</u>
Spencer, NC	6/2/2017	?	NSC Sonoma 2014	Used, Goodyear D4590	-

	<u>Weight's Outside</u>	<u>Weight's Inside</u>
LF	1.00	-
RF	1.00	1.25
LR	1.50	1.0 + 1.0
RR	1.0 + 1.0	1.50

<u>Heat Cycles</u>	<u>DATE</u>	<u># of Laps</u>	<u>Last Run</u>	<u>Description</u>	<u>MARKED</u>
1	9/15/2017	8	Road Atlanta	Qualifying #1	SET 9
2	9/15/2017	9	Road Atlanta	Qualifying #2	SET 9
3	9/16/2017	5	Road Atlanta	Qualifying #3	SET 9
4	9/16/2017	11	Road Atlanta	Race #1	SET 9
5	9/17/2017	11	Road Atlanta	Race #2	SET 9
6	11/30/2017	10	Sebring	Qualifying #1	SET 9
7	11/30/2017	7	Sebring	Qualifying #2	SET 9
8	12/1/2017	3	Sebring	Qualifying #3	SET 9
9					SET 9
10					SET 9
11					SET 9
12					SET 9
13					SET 9
14					SET 9
15					SET 9

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NOTES: Qualifying Session #3 @ Road Atlanta: Best Lap = 1:33.32

Race #1 @ Road Atlanta: Best Lap = 1:34.54

Race #2 @ Road Atlanta: Best Lap = 1:34.67

Qualifying Session #1 @ Sebring: Best lap = 2:23.?

<u>Acquired From</u>	<u>Mounted</u>	<u># of Laps</u>	<u>Last Run</u>	<u>Description</u>	<u>MARKED</u>
Eddie Pearson	4/22/2017	?	NSC Martinsville 2017	Used, Goodyear D4722	-

	<u>Weight's Outside</u>	<u>Weight's Inside</u>
LF	0.75	0.50
RF	0.75 + 0.75	0.50
LR	0.50	1.25
RR	1.00	0.00

<u>Heat Cycles</u>	<u>DATE</u>	<u># of Laps</u>	<u>Last Run</u>	<u>Description</u>	<u>MARKED</u>
1	4/24/2017	7	Road Atlanta	Qualifying #3	SET 8
2	4/24/2017	9	Road Atlanta	Race #1	SET 8
3	4/25/2017	10	Road Atlanta	Race #2	SET 8
4	6/3/2017	10	VIR	Race #1	SET 8
5	6/4/2017	10	VIR	Race #2	SET 8
6	12/1/2017	9	Sebring	Race #1	SET 8
7	12/2/2017	3	Sebring	Race #2	SET 8
8					SET 8
9					SET 8
10					SET 8
11					SET 8
12					SET 8
13					SET 8
14					SET 8
15					SET 8

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NOTES: Right Side Martinsville Tires from the Spring Race 2017, paid \$100/tire

Qualifying Session #3 @ Road Atlanta: Best Lap = 1:33.66

Race #1 @ VIR: Best Lap = 2:03.48

Race #2 @ VIR: Best Lap = 2:00.78

Race #1 @ Sebring: Best Lap = 2:26.60

ENGINE MAINTENANCE WORKSHEET - SBF

DATE: 12/31/2017
 HOBBS: 114.8

HOT LASH SETTING: ****Always Compare****
 COLD LASH SETTING: 0.016" - I / 0.016" - E

SBF(351) firing order: 1-3-7-2-6-5-4-8

	Spring PSI	Lash HOT	Lash COLD
#5 - E			0.035 +
#5 - I			0.035 +
#6 - E			0.035 +
#6 - I			0.018
#7 - E			0.018
#7 - I			0.035 +
#8 - E			0.018
#8 - I			0.018

	Spring PSI	Lash HOT	Lash COLD
#1 - I			0.018
#1 - E			0.018
#2 - I			0.018
#2 - E			0.035 +
#3 - I			0.035 +
#3 - E			0.018
#4 - I			0.018
#4 - E			0.018

	LEAK DOWN PSI	COMP PSI
	90% @ 95 psi	
#6	75% @ 95 psi	
#7	50% @ 95 psi	
#8	8% @ 95 psi	

	LEAK DOWN PSI	COMP PSI
#1	80% @ 95 psi	
#2	85% @ 95 psi	
#3	80% @ 95 psi	
#4	60% @ 95 psi	

NOTES: Valve Lash and Leak Down settings were determined "COLD". Compression test N/A due to engine damage.

Visible engine oil present in #5 exhaust tube, and both Intake/Exhaust rockers have excessive clearance.

#5 spark plug was damaged, electrodes caved in and mushroomed.

Engine had 10.5 hours on it that included 1.0 hours on the DYNO. Total track mileage = 731 miles.

Initial investigation while the engine is still in car is some sort of camshaft lobe/roller lifter failure.

Debris found in oil sample, see oil sample for more details.

1997 Thunderbird - #11

<u>TRACK</u>	<u>DATE</u>	<u>TOTAL TIME</u>	<u>TOTAL MILES</u>	<u>TRANS</u>
DYNO @ L&B	July-07	2.0	0	1541
VIR	August-07	3.3	164	164
SEBRING	December-07	5.0	235	235
WATKINS GLEN	June-08	5.5	272	272
VIR	September-08	2.3	119	119
DYNO @ L&B	February-09	0.5	0	
SUB-TOTAL--->		18.6	790	2331
WATKINS GLEN	June-09	3.1	163	163
Back at L&B	August-09	-	-	
Back at Kriner's	January-15	-	-	
SUB-TOTAL--->		3.1	163	163
GRAND TOTAL --->		21.7	953	163
DYNO @ KRINERS	May-16	1.0	0	0
SUMMIT POINT	November-16	2.8	202	202
ROAD ATLANTA	April-17	2.2	166	166
VIR	June-17	1.5	132	132
ROAD ATLANTA	September-17	1.4	112	112
SEBRING	December-17	1.6	119	119
SUB-TOTAL--->		10.5	731	894

- ** Engine was rebuilt using new block and domed pistons, 7/18/2007
- ** Engine scheduled for routine yearly maintenance 2/20/09
- ** Transmission had chipped a gear, sent to G-Force to rebuild 2/27/2009
- ** Engine back at L&B with stuck #61 lifter 8/8/2009
- ** Engine delivered to Kriner's Racing Engines in Chambersburg, PA 1/24/2015
- ** Engine status update as of 7/29/2015, we are in the top 12 out of 24.
- ** Engine rebuilt and updated by Kriners Racing Engines, Chambersburg, PA 5/31/2016
- ** Engine blown at Sebring 12/2/2017, oil smoke coming out air intake and visible oil in #6 exhaust tube