

# FRIDAY July 19, 2024

## Pittsburgh International Raceway , July 19-21, 2024

GATES OPEN 24 HOURS Starting Thursday Night at 6:00PM

Driver Info is in the Event Center at the top of the hill. Tech is in the event center garages.

Session Start When Grid Releases Cars and INCLUDES THE COOL DOWN LAP

NOTE: Timed Session Results, Race Grids and Schedules are now on the NASA GL website [nasagreatlakes.com](http://nasagreatlakes.com)

### Tech Friday Night until 7:00pmish (Race Only) HPDE/TT Tech Sat. at 8am

NOTE: Test & Tune - No timing on Friday except for TREC

#### Full Track 2.78 Miles

Start	ET*	TRACK	Classroom
7:30		TEAM NASA MEETING	
7:45		NASA Central Opens	
7:45		HPDE/TT Meeting at Garage timing classroom	
8:00		Race Driver/TREC Meeting at Podium	
8:00		TECH Opens	
8:30	0:15	HPDE 3 / 4 / TT / Warm up	
8:45	0:15	Lightning WARM UP W/TREC3,4	
9:00	0:15	Thunder W/TREC 1,2,U	
9:15	0:25	HPDE 3 / 4 / TT	
9:40	0:25	Lightning WARM UP W/TREC3,4	
10:05	0:25	Thunder W/TREC 1,2,U	
10:30	0:20	HPDE 3 / 4 / TT	
10:50	0:20	Lightning WARM UP W/TREC3,4	
11:10	0:20	Thunder W/TREC 1,2,U	
12:00PM	0:00	Last chance to register for TREC	
11:30	1:00	LUNCH	
12:30 PM	0:25	HPDE 3 / 4 / TT	
12:55 PM	0:30	Lightning & Thunder Combined No TREC	
1:25 PM	0:05	Course Check	
1:30 PM	4:00	TREC- 4 Hour race	
5:30 PM	0:00	End of Sessions	

ET\* = Estimated Time from FIRST Car OFF Grid to LAST Car OFF Track

#### HPDE Group Definitions:

HPDE 3/4/TT Intermediate- Point by Passing, possibly more liberal as day progresses.

#### RACE Group Definitions:

**Thunder** AI, AIX, CMC, GTS2-U,SI,ST1-4,SU

**Lightning** 944Spec,GTS-1,Guest Class,NP01,Spec3,SE30,SE46, SM,ST5-6, TR GTR,



Facing Hereditary Cancer EMPOWERED



**SATURDAY - July 20 | SUNDAY - July 21**  
**Pittsburgh International Raceway , July 19-21, 2024**

GATES OPEN Thursday 6:00pm then 24 hours for the rest of the weekend  
Race Tech opens Friday 8am. HPDE Tech see schedule below Saturday morning. NO HPDE or TT Tech prior to Sat Morning  
HPDE1& 2 Classroom located in Main Classroom/Timing & Scoring Building

NOTE: Timed Session Results, Race Grids and Schedules are on [www.nasagreatlakes.com](http://www.nasagreatlakes.com) Click the Event Details

**SATURDAY**

**SUNDAY**

**Full Track 2.78 Miles-SAT & SUN**

Classroom Timing Building

Start	ET*	TRACK	Classroom	Start	ET*	TRACK	Classroom
7:00 AM	0:30	Instructors Meeting in classroom		7:15	0:30	Instructors Meeting on Grid	
7:15		TEAM NASA STAFF ONLY MEETING		7:30		TEAM NASA STAFF ONLY MEETING	
<b>DRIVER INFO OPENS AT 7:30</b>				<b>DRIVER INFO OPENS AT 7:45</b>			
7:30		HPDE1 only Tech on Grid W/Instructors					
		HPDE2,3,4,TT give self tech forms to your group leader at 8		8:00		HPDE1 meet on grid	
7:45		<b>RACERS MEETING @ Podium</b>		7:30		HPDE2 meet In classroom	HPDE 2
8:00		HPDE1 meet at grid		8:00		HPDE3 meet in Garage EC 5	
8:00		HPDE2 meet In classroom	HPDE 2	8:00		HPDE4 meet on observation deck of event center	
8:00		HPDE3 meet in Garage EC 5		8:00		Time Trial meet at Driver Info	
8:00		HPDE4 meet on observation deck of event center		8:00		HPDE-Intro meet at Intro podium	
8:00		Time Trial meet at podium					
8:00		HPDE-Intro meet at Intro Paddock					
8:30	0:20	<b>THUNDER WARM UP</b>		8:30	0:15	<b>Lightning and Thunder Warm up (no time)</b>	
8:50	0:20	<b>LIGHTNING WARM UP</b>		8:45	0:15	HPDE 4 WARM UP	
9:10	0:15	TT & HPDE 4 WARM UP		9:00	0:15	Time Trial (Grid by SAT Merge) - Session 1	
9:25	0:15	HPDE 1 WARM UP		9:15	0:15	HPDE 3 WARM UP	
9:40	0:15	HPDE 2 WARM UP	HPDE1	9:30	0:15	HPDE 2 WARM UP	
9:55	0:15	HPDE 3 WARM UP		9:30		<b>RACE Driver Meeting at Podium</b>	
10:10	0:15	Time Trial - Session 1		9:45	0:15	HPDE 1 WARM UP	
10:25	0:15	HPDE-Intro   Warm Up		10:00	0:15	Time Trial - Session 2	HPDE 1
10:40	0:05	Course Check		10:15	0:25	<b>THUNDER RACE 2 of 3 (grid by time)</b>	
10:45	0:15	<b>THUNDER Qualifying (grid by time)</b>		10:40	0:15	HPDE-Intro   Warm Up	
11:00	0:20	HPDE 4	Intro	10:55	0:05	Course Check	
11:20	0:15	<b>LIGHTNING Qualifying (grid by time)</b>		11:00	0:20	HPDE 4	
11:35	0:20	HPDE 2		11:20	0:25	<b>LIGHTNING Race 2 of 3 (grid by time)</b>	HPDE-Intro
11:55	0:20	HPDE 1 "Point by, Pass Hands"		11:45	0:20	HPDE 2 Reverse Grid Drill	
12:15 PM	0:20	HPDE 3-Side by Side & Mini Pass	HPDE1	12:05 PM	0:20	HPDE 1 "Book of Eob"	
12:35 PM	0:15	Time Trial - Session 2		12:25 PM	0:20	HPDE 3-Monster Passing	HPDE 1
12:50 PM		<b>LUNCH-HPDE-Intro ONLY slow laps</b>		12:45 PM	0:15	Time Trial - Session 3	
12:55 PM		<b>RACE Driver Meeting at Podium</b>		1:00 PM		<b>LUNCH-HPDE-Intro ONLY Slow Laps</b>	
1:35 PM		<b>Time Trial Meeting</b>	HPDE-Intro	1:25 PM		<b>Time Trial Meeting</b>	
1:50 PM	0:20	HPDE 4		2:00 PM	0:25	<b>THUNDER RACE 3 of 3 (Grid by time)</b>	HPDE-Intro
2:10 PM	0:30	<b>THUNDER RACE 1 of 3</b>	HPDE2	2:25 PM	0:20	HPDE 4	
2:40 PM	0:20	HPDE 3-3 Wide		2:45 PM	0:15	Time Trial - Session 4	
3:00 PM	0:15	Time Trial - Session 3		3:00 PM	0:05	Course Check-Set Cones	
3:15 PM	0:15	HPDE-Intro   Apex Drill		3:05 PM	0:20	HPDE1 "Threshold, Throttle Mod 1&2 (CC)	
3:30 PM	0:20	HPDE 2-Off-Line Drill		3:25 PM	0:15	HPDE-Intro   Cone Circus (CC)	HPDE 1
3:50 PM	0:20	HPDE 1 "Apex"		3:40 PM	0:05	Course Check-Pick up Cones	
4:10 PM	0:05	Course Check	HPDE1	3:45 PM	0:25	<b>LIGHTNING RACE 3 of 3 (Grid by Time)</b>	
4:15 PM	0:30	<b>LIGHTNING RACE 1 of 3</b>		4:10 PM	0:20	HPDE 2	
4:45 PM	0:15	Time Trial - Session 4		4:30 PM	0:20	HPDE 3-2wide close proximity drill	HPDE-Intro
5:00 PM	0:15	HPDE 4		4:50 PM	0:15	Time Trial - Session 5	
5:15 PM	0:15	HPDE 3	Intro	5:05 PM	0:20	HPDE 1/2	
5:30 PM	0:20	HPDE 2-Pased Passing		5:25 PM	0:20	HPDE 3/4	
5:50 PM	0:20	HPDE 1 "Vision, Perfect-Line"		5:45 PM	0:15	HPDE-Intro	
6:10 PM	0:05	Course Check		6:00 PM		End of sessions	
6:15 PM	0:15	HPDE-Intro   Cone Circus (CC)		7:00		Everyone must be out of the gate	
6:30 PM	0:00	End of Sessions-Tacos and Trophies					
		Track Walk					

THANK YOU FROM TEAM NASA!! SAFE TRAVELS!

**Saturday Night Awards Party at Event Center Garages**

ET\* = Estimated Time from FIRST Car Off Grid to LAST Car Off Track

**HPDE Group Definitions:**

- HPDE-Intro** Classroom and four lead follow sessions | Toyota GR drivers a taste of HPDE
- HPDE 1** Beginner-Instructor assigned, passing on main straights only.
- HPDE 2** Novice-Driver Coach assigned for 1-2 sessions
- HPDE 3** Intermediate- Passing areas more liberal and increasing as day progresses.
- HPDE 4** Advanced- Passing allowed anywhere using caution.
- Time Trial** Advanced- Passing allowed anywhere using caution- Compete for fastest lap times!!

**RACE Group Definitions:**

- Thunder** AI, AIX, CMC, GTS2-U,S,I,ST1-4,SU
- Lightning** 944Spec,GTS-1,Guest Class,NP01,Spec3,SE30,SE46, 5M,ST5-6, TR GTR,

