

**Thank you for your support of the 'Birds!**  
All of us from Thunder Racing are excited and proud to once again bring you the 17th annual Snowbirds. These are tough economic time, so we are very thankful to have you a part of it! We are all here to have a great race and a fun time - win or lose! Please support the Snowbird race sponsors. Good luck racing and have fun!



The Snowbirds are not sanctioned. All rules and decisions will be made by race director. We use simple 'common sense' rules and decisions. Details of event can change. #1 rule is to have fun.

**Registration / Check-in**

All racers **must check-in before** you practice. Check in begins Monday night at 6pm in the ballroom area. It will then continue Tue, Wed, and Thu in the ballroom area of the conference center near the racetrack. You will be able to purchase your hand-out tires, get souvenirs, and more. We also will be taking LATE sign-ups at check-in. Payment for the Florida Cracker Room needs to be handled prior to setting up your pits.

**Pits will open Monday 4pm-12am then 5am Tues.**

**Practice Information**

There will be exact practice schedules available at the race, in the hotel lobby and track area. A lot of the practice will be controlled. Class divisions will run together and for a fixed amount of time. Once that practice run is over the announcer will stop practice and the next group of racers will run. Wednesday there will be one practice by heats for road and oval. You will practice with the actual drivers that are in your heat race. Practice run #3 is heat #3, etc. You will have to check the heat board in the track area to see what practice number you are in. After you run in the practice heats you must marshal the next race. There will also be some open uncontrolled practice times. This will be for all cars, and sometimes all classes will run together.

**Note:** Racers must run 'legal' equipment in practice (no 10.5 cars in 13.5, etc). You can not run in the wrong practice times. No cutting in line of practice. Set cars in ends/corners and not on the main straights.

**Post-Race Party**

Poolside at the Radisson! Sunday night at 8pm-11pm after the races. Food/drink specials at the bar. We hired a great DJ to play music and make sure you have some fun on your last night at the Snowbirds. Make sure to come hang out. The hot tub will be hot and tiki lights on for you. Welcome race fans and thanks for coming!

**Radisson Resort Worldgate**

We can not do any special favors or requests as far as getting rooms, moving rooms, etc. Packages sent to the Hotel must be addressed the way shown here. A picture i.d. is needed to pick up boxes.

**Radisson Resort Snowbirds**  
c/o (your name)  
3011 Maingate Lane  
Kissimmee, FL 34747

**Note:** You are responsible for your rooms and the hotel, and will be charged for any damages. Please show respect to the Radisson. Thank you!

**Radisson Phone Number: 407-396-1400**

**Pitting Information**

**Hotel Rooms** - Many racers pit in their rooms. The hotel has a great table in the rooms and another area by the A/C units to work on cars. Please have a pit towel with you. We apologize that we can't provide tables for rooms. The hotel will not allow tire truing in rooms. There will be an area for truing tires at the hotel near the conference center main entrance. Do not spray motor spray on carpet please or put tape on the hotel walls.

**Parking Lot** - Plenty of room for trailers. Must use own power (not hotels). Don't park close to rooms if using a generator. Must be staying at hotel.

**Conference Area** - These were 1st come 1st serve on our website and all spots were reserved prior to the race. Please ask at check-in if there any openings. These pits cost \$25 for the week: two racers per 6 foot table (tables are wide 30").

**PITS OPEN 4pm-12am Monday then 5am Tues.**

**Souvenir's for Sale / Raffle**

Snowbird Shirts, hats & more on sale! Make sure to get a souvenir starting Wednesday in the check-in area! There will also be a large race raffle. Tickets will be drawn Sun at 1pm by the winners circle. Each racer gets a free ticket at check-in for prizes.

**Car Specifics**

Cars will be weighed w/ transponders

<b>ROAD:</b>	<b>OVAL:</b>
Touring: 1400 grams	1S Classes: 36 ozs
1/12th GTP: 730 grams	Outlaw Trucks: 38 ozs
World GT: 930 grams	1/12th: 30 ozs SK: 33 ozs

**Chassis height** will be checked going out and randomly coming back. Your body can not drag the track - needs to clear ride height gauges

**Touring Classes, World GT, and 1/10th Oval Classes: 4mm**  
**1/12th GTP and 1/12th Oval classes: 3mm**

**Wing Rules**

(We will have a side dam gauge for oval)

**1/10th Oval:** Max width=8" Side Dam max length=3.75"  
Side Dam max height=2" Chord max=3"

**1/12th Oval:** Max width=7" Side Dam max length=3.75"  
Side Dam max height=2" Chord max=3"

**Oval Trucks:** No wings, spoilers allowed: 2" max, no dams on spoiler.

**Touring On-Road:** Wing chord no higher than roofline, Wing no wider than car body, Standard dams / mounting position.

**GTP On-Road:** No separate wings. Standard GTP bodies.

**Body Rules**

(Note: bodies must be available to public)

**On-Road Touring:** Industry standard Roar 'GBS' body rules, No special lightweight bodies, 130mm min body height on 20mm blocks.

**1/12th GTP:** GTP style bodies. Not checking body height.

**Stock Car 17.5:** 4 1/4" body height - back of body left in per Tour rules.

**Trucks:** 21.5 can cut back of body, 17.5 uses Tour rules - can't cut out.

**COT:** Uses Tour rules w/splitter height/body heights. Back of body in.

**World GT:** Standard GT bodies. 104mm body height (min to race).

**SK:** Using SK Kar rules on bodies. Nerf bars ok. Air cleaners ok.

**Motor Rules**

Motors in the controlled and motor specific classes (10.5, 13.5, etc) can not be 'modified' externally or internally from factory. Bearing changes, rotor replacement, etc is legal. Timing adjustments are legal (as limited by manufacture design). By no modification, we mean physical and deliberate changes to the motor from what it was designed for (no timing modifications, can modifications, wire alterations, solder tampering, stack shortening, etc.). The spirit of the class is to be 'spec' out of the box. Motors must have been available for sale to the public before the race. We will have inductance/resistance minimums and set ranges for motors. Tuning rotors are only legal if approved by Roar on their site. These are brand specific. These rotors are still spec and are not considered modified rotors (in relation to their shaft size). 7.5 oval is a 'mod' class so any rotor by that manufacture is ok (no hybrids). Motor cooling is not legal (no freeze spray). Motors must be +/- 5 degrees before race. Fans are ok and heatsinks are ok. Purple rings on Novak can be removed. Motors need to be Roar approved on their site.

**Motor Pre-TECH**

Motors need to be pre-teched this year. Pre-tech starts on Wednesday. Motors will be sealed once they pass inspection. If you need to open motor it needs to come back to tech to be rechecked and resealed. If motors pass our initial resistance check they will be marked. If they are low they will be opened to check inductance and look for motor tampering (not legal).

**Batteries**

LiPo's must be listed on Roar site. LiPo users are responsible for their actions. It is recommended to follow all safety warnings (including the use of a LiPo sack). LiPos can not exceed 8.44v 2S and 4.22v 1S to race. We will allow a racer to decrease voltage at tech if very close (it will be our judgment). LiPo packs must be +/- 5 degrees ambient to race. You are responsible for damages by your actions with LiPos (any misuse or unsafe charging/discharging).

**Spec Tires**

Spec tires (World GT and Touring Rubber) must be bought from us. You can get these at check-in. Cash only. We will allow extra tires for racing. We will sell unmarked tires for practice.

**Transponders**

We're not responsible if counter falls out/fails. Transponder is the final word with scoring questions.

**All Racecars Must go Through Tech**

You **must go through tech** before each race. As in prior years, we will post-tech the fastest car from each race. And all TQ cars each round get tore down. Drivers must report to tech to help tear their car down. We have a great tech crew and have seen it all. Don't try and bend the rules! Cheating won't be tolerated! After your race, leave your car and radio trackside on the table and turn marshal.

**Legal Tire Traction**

EPIC Sticky Fingers, Jack the Gripper, SXT, and Muddslide Carpet Muncher are only ones legal.

**Limited Timing Speedo Classes**

Classes that have a limited speedo timing rule must use listed Roar speedos and speed control settings. We may check cars going out and coming back. Be prepared to turn car on entering tech. Timing in your motor is legal.

**Radisson and Coverage**

Hotel has a business center with computers, a gym, and kids movie area. Hotel also has an Avis car rental and company that does transportation to/from the airport. Call hotel for details. Greg Rojna is back from **RCActionPics.com** taking race pictures and more from the race! Also check our site for a new mobile APP and trackside news LINK! Mike Outlaw will be doing videos and Greg Sharpe doing trackside race reports for the web! All the links will be on our website. We are also streaming on Ustream.

*The last few years have went great at the Radisson. We will not tolerate anyone disrupting the race weekend or causing problems at the hotel. You will be charged for any damages to the hotel or your room. Please be careful of your personal items and keep your eye out for theft. Keep doors locked, etc. Please note that we can not be liable for lost or stolen goods during the event. Thank you!*

**Oval Speed Week On-Road Time is Short**

Check-in 6pm ballroom area	<b>Mon 01/24</b>	Check-in 6pm ballrom area
Practice: 4pm-1am	<b>Tue 01/25</b>	Practice: 5am-3pm
Drivers Meeting: 3:30pm Practice: 4pm-1am	<b>Wed 01/26</b>	Practice: 5am-3pm Drivers Meeting: 3:30pm
Practice: 5pm-8pm 1st Heat: 8pm	<b>Thu 01/27</b>	Practice: 5am-7am 1st Heat: 7am resort 2nd Heat: 12pm
Practice: 12pm-2pm 2nd Heat: 2pm 3rd Heat: 7pm	<b>Fri 01/28</b>	Practice: 5am-7am 3rd Heat: 7am
Practice: 1pm-3pm 4th Heat: 3pm B-main events: 8pm Fun Races: 10pm	<b>Sat 01/29</b>	Practice: 5am-7am 4th Heat: 7am B-main events: 12pm Fun Races: 10pm
Practice 11am-1pm Mains: 1pm	<b>Sun 01/30</b>	Practice: 5am-7am Mains: 7am

Please be ready and in tech at least two races before your race. We have to start the race if you are not here. We do allow minute graces.

**TV Broadcast**

Tune to Channel 66 in your hotel room and see and hear the race action from the ballroom. And also check the website for up-to-date race action.

**Sunday Awards**

Right after the road mains Sun, and right after the oval mains Sun, we hand out awards in the winner's circle. Be there for the race magazines and website pics! We welcome our World famous Trophy girls, playmates Hollie Winnard and Jessica Barton! This is their 6th year at the 'birds! Make sure to take a souvenir photo with them.

**Oval \*Estimated On-Road**

**Concourse Event** Road/Oval grouped together. Three categories: Best Looking, Most Authentic, Hollie & Jessicas HOT pick. Prizes by Parma. Concourse is Sunday at 11am in Winners Circle. (Don't have to run if won). Concourse for Figure 8 bodies (damage ok from Sat night). FREE Disney tickets!

**Schedule, Re-Sorts, Bump-ups, more**

There are four qualifiers. We are doing a resort after each round. This is a new race lineup based on racers fastest time. Please check the sheet as you will be in a different race number each round. Your best one qualifier is used to set the mains. Saturday is "Bump N' Run" day, where the B-mains race and the winner will bump into the A. Soon as a class is done we will print the top standings for that class, 1st-9th are locked in the A's, 10th-19th are racing the B's. Road B's run after the last heat of road quals on Sat, and oval B's after the last heat of oval quals on Sat. We have the famous BQ award to the 10th place qualifier, and the bump-up winners get a award! Sunday there will be a unique schedule where we run lower mains first, then A-mains and C-mains together (A, C, A, C, A, etc.).

**Clean RC Driving**

One of the biggest problems at large races is clean driving. Everyone must remember they are racing on their own clock in qualifying. Please let faster cars go and especially the leader go when they are behind you. Slower cars need to move out of the groove to allow faster cars to pass. Doing this will only cost a tenth of a second. Not doing this may end up with a wreck costing several seconds and broken cars and a wasted qualifier. Please be respectful to your fellow racers. Intentional/rough driving will not be tolerated. **Race the way you want to be raced - thank you racers! Don't put yourself in a position that forces us to make a call you may or may not like.**

**NO ADMITTANCE IN THE BALLROOM SUNDAY OR MONDAY UNTIL 4PM WE HAVE A LOT OF WORK TO DO AND CAN NOT TALK. THANK YOU!**

**COMPLETE RACE INFORMATION AT:  
WWW.SNOWBIRDNATIONALS.COM**