

Big Fat Turkey Race VIII

“ I’m Back “

June 28th and 29th, 2014

General Rules

NOTE: If you enter Novice Stock Touring Car you MAY NOT enter the 17.5 Stock TC, Super Stock 13.5 TC, Open TC, RRGT 17.5 Stock or Nastruck

Tech Inspection

The following items may be inspected in tech before each heat and main:

- Weight
- Body & wing dimensions (TC classes) (ROAR specs)
- Motors and ESC must be on the ROAR approved list

Motor Tech: Motors may be inspected at any time during the event at the discretion of the Race Officials.

Inspection may include rotor diameter, stator winding (number of turns), and any other parameter deemed necessary. Tear-down and reassembly will be the responsibility of the racer and must be done in the presence of the officials.

ESC Inspection – NO TIMING Classes

- ESC’s may be inspected for no timing mode at the end of each heat. When you finish with your heat drive your car to the pit area and wait for an official to check your car. Turn your car and transmitter off and go out to turn marshal, leaving your car in impound area.

Tires

All drivers must supply their own tires for each class.

Classes

Novice Stock 17.5, Stock 17.5 TC – No timing

- 17.5BL/27T motor – ROAR approved list
- Zero-timing ESC – ROAR approved list
- 2S 7.4V lipo Hard case/6-cell NiMh batteries
- 1380g minimum weight
- Tires, any tire and any rim (driver supplies)

Super Stock 13.5 TC – No timing

- 13.5BL motor – ROAR approved list
- Zero-timing ESC – ROAR approved list
- 2S 7.4V lipo Hard case/6-cell NiMh batteries
- 1380g minimum weight
- Tires, any tire and any rim (driver supplies)

Open TC

- Any brushed or brushless 1/10 scale electric motor – ROAR approved list
- Open ESC
- 2S 7.4V lipo Hard case/6-cell NiMh batteries

- 1380g minimum weight
- Tires, any tire and any rim (driver supplies)

RRGT Stock 17.5

- 4WD or 2WD touring car chassis
- 17.5BL motor – ROAR approved list
- Zero-timing ESC – ROAR approved list
- 2S 7.4V lipo Hard case/6-cell NiMh batteries
- 1380g minimum weight
- **Any tire on a spoked rim. Driver must supply his own tires**
- *Realistic* 190mm or 200mm bodies. NO race-specific (Stratus, Mazdaspeed 6, LTC-R, etc.)
- *Realistic* plastic wings encouraged; Lexan wings OK trimmed to a realistic height (~15mm).

F1 Rubber - Realistic

- Any 1/10 scale 2WD direct drive purpose-built F1 chassis (F103, F104, F109, etc.)
- 21.5BL/540J Silver Can motor
- Zero-timing ESC
- 2S 7.4V lipo Hard case/6-cell NiMh batteries
- Rubber tires (F1-specific rubber tires only, bring your own)
- *Realistic* F1 bodies and wings with driver figure and head

Mini Madness

Any Tamiya M-Chassis (M-03/M-05 FWD, M-04/M-06* RWD), ABC Grid, ABC Goose, HPI Switch, and Top Mini Sabre. No 4WD Mini's allowed.

ESC: Must have no timing or non-timing profile. "Blinky" mode - ROAR Stock approved ESC's only. ESC must be mounted so blinky LED can be seen by tech person easily!

Motor: 21.5 brushless – ROAR approved list of motors. Motor can't be turned up past last factory timing mark on the endbell.

Gearing:

Note: Overall FDR (Final Drive Ratio) on all manufacturers should be no lower than [5.800]. No 3Racing, Ride, or SpecR upgrade gears allowed!

Tamiya M-Chassis gearing: Tamiya Stock Gear Set No.50794 (White), or No.54277 (Black) gears only! 20 tooth pinion maximum only! **Final drive 5.80:1**

ABC Grid gearing: Must use gearing option 50/30T Spur Gear Set (pn 25756) with 31 tooth pinion maximum only! Stock gearing 50/25T (pn 25670) will not be allowed. **Final drive 5.80:1**

ABC Goose gearing: Using 35/17T Pulley (Standard) Internal Ratio = 2.058

Spur/Pinion

17T Pulley - $85/30 = 5.808$ FDR

ABC Goose gearing: Using 35/15T Pulley (Option) Internal Ratio = 2.333

Spur/Pinion

15T Pulley - $83/33 = 5.860$ FDR

HPI Switch gearing: Must use 62 tooth spur and 25 tooth pinion only! **Final drive 5.89:1**

Battery: 6-cell stick pack or any 7.4V Lipo - hard case only, that fits without modification to the battery or chassis.

Body: Any Mini class body.

Tires: 55D or 60D M-chassis specific (no touring car tires). 60MM max diameter of mounted tire per-race tech (a 60mm go – no go gauge will be used)

Hop-ups: Any brand hop-ups such as shocks, steering parts, etc. that don't affect rollout/gearing (i.e. the aforementioned speed gears) are allowed.

Minimum Weight: 1250g

1/10th Scale Pan Car

- Any 1/10 scale pan car chassis and body
- 10.5 BL motor
- Open ESC
- 1S 3.7V lipo Hard case
- Foam tires (bring your own)

Stock 17.5 Nastruck

- 4WD or 2WD touring car chassis
 - 17.5BL motor – ROAR approved list
 - Zero-timing ESC – ROAR approved list
 - 2S 7.4V lipo Hard case/6-cell NiMh batteries
 - 1380g minimum weight
 - **Any tire , any rim. Driver must supply his own tires**
- Realistic* 190mm or 200mm Nastruck bodies only.

USVTA

- We are using the USVTA rules for this class
<http://www.usvintagetransam.com/rules/2010rules.pdf>
- Tires and rims must be on the list from the above rules. Must have 2/3 visible tread on the tires.
- Motor 25.5 BL – must be in the rules above
- ESC – must be in the rules above
- Body – must be in the rules above

- Driver figure – of at least head and shoulders, mounted inside body
- 2S 7.4V lipo Hard case/6-cell NiMh batteries
- Minimum weight: 1550g
- Minimum height: 5mm

EACH CLASS MUST HAVE A MINIMUM OF 5 ENTRIES TO MAKE IT A LEGAL CLASS.

YOU MUST QUALIFY ON SATURDAY TO BE ABLE TO RACE ON SUNDAY – NO ENTRIES WILL BE TAKEN ON SUNDAY MORNING.

***** NO EXCEPTIONS *****

**You can Email or PM on RC Tech Forum your entries to me at:
(before 6/20/14-10pm cut off)**

- Email – billsboat@excite.com
- PM RCTech – user name – billsboat
- Call 805-744-8539 Roadrunner Hotline
- NO Facebook entries please

Please include all important info from entry form.

If you enter via Email , PM or Phone call and don't show up to the race, you still need to pay for your entries. If you have entered and can't make the race – please cancel before 10pm on June 20th ,2014.

I will reply to all Email , PM entries and phone messages, so you know they were received and if I need any additional information from you to complete your entry.