

March 16, 2009

ROAR 2009 1:10 Short Course Truck "Provisional" Rules **ROAR**

Chassis

Wheelbase Min/Max.....	320mm / 335mm (12.59in / 13.19in)
Overall Length Min/Max.....	540mm / 568mm (21.25in / 22.36in)
Overall Width Min/Max.....	290mm / 296mm (11.42in / 11.65in)
Minimum Weight.....	74oz / 2098grams
2 Wheel Rear Drive.....	Geared or Ball Differential
Rear Suspension.....	Independent or Solid Axle

Tire/Wheel Specs

Wheel Inner Bead Max Diameter.....	3.0 in / 76.20mm
Wheel Outer Bead Max Diameter.....	2.2 in / 55.88mm
Wheel Bead Width Max.....	1.55 in / 39.37mm
Wheel Width Max.....	1.65 in / 41.91mm
Tire Maximum Width...(mounted).....	1.85 in / 46.99mm
Tire Diameter Min...(mounted).....	4.20 in / 106.68mm
Tire Tread.....	Treaded, NO Cut/Custom

Body Specs

- Full Fender Truck Body. Body must completely cover tires when viewed from above
- Windshield Minimum Setback Centerline Front of Body to Begin Windshield (see SCT Cab Setback Diagram)
- Cab Roof Minimum Width and Depth (see STC Roof Diagram)
- Cab Minimum Height and Depth (see STC Cab Side Diagram)
- NO add-on or integrated Spoilers/Wings allowed

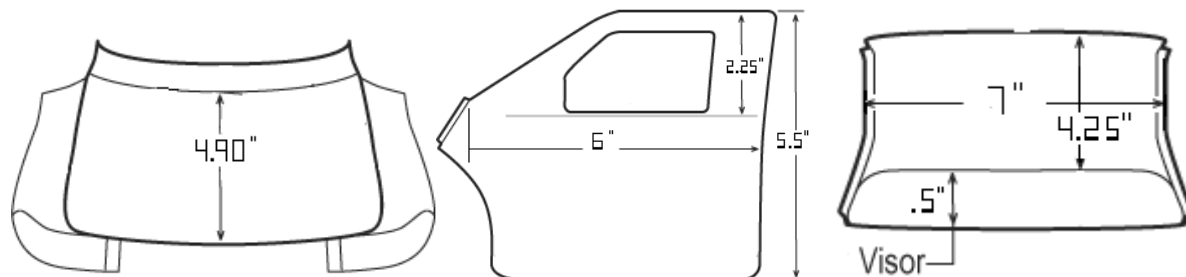
Vehicle Height Ready to Race

Minimum Overall Height.....	7.835in / 199mm
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Motor/Battery Spec

- ROAR Approved Brushless 17.5 Motor or 27T Brushed
- ROAR Approved 2S 7.4V LiPo or 7.2V 6cell NiMh

Body Dimension Template (all dimensions are minimums)



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Dimension and Technical Inspections Practices

Technical Inspection

Tire Minimum Mounted –

Minimum Diameter of the tire (mounted) is established to limit extremely low profile designs. The target dimension (new tire) is established at 4.30 Inches. To compensate for wear, molding tolerances, degradation of foam inserts, the pre-race minimum allowable diameter of a mounted tire is 4.20 inches. No Bald or custom cut tires are allowed. Tracks and Promoters are encouraged to select a “Stated” tire that works best for their particular location.

Width and Wheelbase Inspection –

Width and Wheelbase of the vehicles will increase/decrease during the compression/extension of the suspension. Vehicle should be inspected at Static Stance in ready to race condition.

Height –

Minimum Overall Height is measured with vehicle at Static Stance in ready to race condition

Body Inspection

Cab Setback –

Minimum setback is measured from a point equal to the Front (centerline) of the body to the beginning of the windshield/lower rock guard.

Cab Profile –

Minimum depth of the cab is measured from the Beginning Point (centerline) of the Windshield/Lower Rock Guard to the Rear Reference point of the Cab

Roof Panel –

Minimum Width is measured from outer most points of the roof section to the upper side window reference line

Depth of the Roof Panel is measured (centerline) from the upper Visor/Rock Guard reference line to the beginning of the Roll Bar/end point of the cab