

**SOUTHERN CALIFORNIA TIMING ASSOCIATION
Presents 2014 Speed Trials RULES**

SECTION 7 MOTORCYCLE COMPETITION SPECIFICATIONS

Following are the rules governing motorcycles participating in the Bonneville Nationals Speed Trials.

7.B MOTORCYCLE TECHNICAL SPECIFICATIONS & REQUIREMENTS:

7.B.2.2 IGNITION KILL SWITCH LANYARD:

allow exemption for streamliners from tether requirement

All motorcycles, except streamliners, shall be equipped with a tether-type mechanical device attached to the vehicle and the rider so the engine ignition is shut off if the rider becomes separated from the motorcycle.

7.B.8 TIRE REQUIREMENTS:

add maximum speeds for DOT tire ratings

0 to 50 MPH Any production tire designed for motorcycle use is permitted.

51 to 130 MPH: Production tire maximum speed rating J=62 MPH, K=68 MPH, L=74 MPH, M=81 MPH, N=87 MPH, P=94 MPH, Q=100 MPH, R=106 MPH, S=112 MPH, T=118 MPH, U=124 MPH, H=130 MPH

131 to 150 MPH: Production tires with a speed rating of V or higher.

151 to 199 MPH: Production tires with a speed rating of ZR or special tires for racing as designated by the manufacturer. Production tires with a speed rating of V, if shaved, can be used up to 200 MPH.

200 MPH +: In excess of 200 MPH special tires for racing as designated by the manufacturer must be used.

265 MPH +: Contestants shall use LSR or other tires as approved by the Motorcycle Technical Committee, Section 16.

Any tire deviation or the use of any non-pneumatic wheel/tire combination shall be submitted **in writing in accordance with the RULE DEVIATION procedure, Section 1.R.** Any wheel/tire combination that has a square edge at the tread/sidewall is strictly forbidden.

7.B.15 WHEEL RETENTION:

add axles to list of items

All axle-retaining nuts, pinch bolts, axle caps **and axles** shall be safety wired or otherwise secured by visually verifiable means. Lock washers, self-locking nuts or thread-locking compounds do not meet this requirement.

7.C RIDING APPAREL:

7.C.1 RIDER'S HELMET:

allow European helmet specs

All riders shall wear a full-face helmet with face shield, which shall meet Snell Foundation M2005 or later specifications **and**

European ECE 22.05 or E 22.05, 2010 or newer. No open face helmets will be allowed. Helmets will be visually inspected at least once each year. Helmets shall be undamaged, unmodified and in serviceable condition. Eyeglasses worn under the helmet

shall be shatterproof. Riders shall demonstrate proper helmet fit and "roll-off" resistance. Helmets for motorcycle streamliners shall comply with Section 3.A.2.

7.D CLASSIFICATION of DISPLACEMENTS, FRAMES, ENGINES, and ENGINE TYPES:

add two extra body classes, missed in 2013 rulebook

7.D.4	Frame	Engine	Max Displ.	Max No. of Engines:
	Class	Classes Available		
	P	P, PP, PB, PPB, PV	3000	1
	M	All except P, PP, PB, PPB, PV, UG & UF	3000	1
	MPS	All except P, PP, PB, PPB, PV, UG & UF	3000	1
	A	All except P, PP, PB, PPB, PV, UG, UF & omega	3001 & above	4
	APS	All except P, PP, PB, PPB, PV, UG & UF	3001 & above	4
	S	All except P, PP, PB, PPB & PV	3001 & above	4
	SC	All except P, PP, PB, PPB, PV, UG & UF & omega	3001 & above	2
	SCS	All except P, PP, PB, PPB & PV	3001 & above	4

Classes defined and not restricted under items 7.D.1, 7.D.2, 7.D.3 and 7.D.4 are open for competition.

7.E PRODUCTION - P

7.E.1.6 LIGHTING EQUIPMENT and INSTRUMENTS:

clarify allowable configuration

Shall be exactly the same as fitted to the original model when it was sold. Adjustable headlights must have the lens mounted in the vertical position. Reflectors, turn signal lights, and the supporting brackets may be removed only if not integrated with the body fairing. To avoid heat buildup, lamps may be rendered inoperative. **Visible non-OEM items are not permitted, except for required safety equipment.**

7.F MODIFIED PRODUCTION – M, MPS

7.F.2 OPTIONAL EXHAUST SYSTEMS:

clarify allowable exhaust

Exhaust pipes may not extend behind the rear edge of the motorcycle.

7.F.12 PARTIAL STREAMLINING - MODIFIED PRODUCTION - MPS

clarify allowable seat, etc.

There shall be no streamlining forward of the front edge of the front rim. **There shall be no streamlining other than a seat, tail section or fender to the rear of the rider's body**, and **the seat, tail section or fender** may not cover any of the wheel when viewed from the side. If a streamlined **seat, tail section or fender** is used it cannot extend further to the rear than a vertical line at the rear edge of the rear tire or be more than 36 inches from the ground with the rider seated on the bike.

7.G SPECIAL CONSTRUCTION – A, APS

7.G.2 OPTIONAL EXHAUST SYSTEMS:

clarify allowable exhausts

Exhaust pipes may not extend behind the rear edge of the motorcycle.

7.G.10 OPEN CLASS - SPECIAL CONSTRUCTION - A

The sides of the fender may fair into the fork tubes **or tire**, but shall not be over 2 inches wider overall than these parts. **The rear fender shall not extend beyond the back of the rear tire.** If a **seat, tail section or fender** is used, it must not extend more than 3 inches past the rear of the rear tire **or cover any of the wheel when viewed from the side.** No part of the tail section shall be lower than the top of the rear rim, or over 36 inches from the ground, with the rider seated on the bike.

7.G.11 PARTIAL STREAMLINING - SPECIAL CONSTRUCTION - APS

clarify allowable front fender specs

The sides of the fender may fair in the **fork tubes/sliders/tire**, but must not be over 2 inches wider overall than these parts.

7.H STREAMLINER - S

7.H.18 ENGINE:

clarify streamliner engine configuration

Any **combination** of motorcycle engines permitted. No more than four (4) engines are permitted. Maximum total engine displacement is unlimited.