

SRAC 0.15 Pylon Racing Rules (DOUBLER)

- 1. OBJECTIVE:** To provide a racing event using inexpensive and easily handled one design small airplanes in order to encourage typical R/C flyers to participate in pylon racing.
- 2. GENERAL:** All AMA and FCC regulations shall apply except as noted herein. Each contestant shall be allowed two (2) airplanes, the second to be used only if the first is judged to be unserviceable. Unsportsmanlike behavior will be cause for disqualification.
- 3. RADIO GEAR:** Any legal radio may be used. A minimum of three channels to be actuated, namely throttle, elevator and ailerons.
- 4. ENGINE:** The engine used shall be the O.S. 0.15 FP or LA with stock muffler. The engine shall be used out of the box with no modification or substitution. Any readily available commercial gloplug is permitted. Muffler pressure is allowed, as is the O.S. remote needle valve. Any competitor may claim any engine being used at twice the local hobby store price. The engine must be capable of being stopped by the throttle.
- 5. AIRPLANE:** The airplane shall be the SIG "DOUBLER II" (0.15 size) out of the box, to plan with no modification or substitution except as follows. The gear shall be off for racing. The cheek cowls and canopy may be omitted if desired. The rudder may be fixed or controlled. A tank hatch may be fitted and the engine can be mounted upright, sideways or inverted. Minimum weight of the plane, less fuel, shall be 32 oz.
- 6. PROPELLER:** Commercially available plastic or wood propellers only shall be used, size 8 x 4, with no modification other than the normal removal of flash or burr, or balancing by sanding the rear of the heavy blade. A minimum 1.5" spinner will be fitted.
- 7. FUEL:** Fuel must be no greater than 15% nitro.
- 8. RACE OPERATIONS:**
 - a. Races will be run over the Half-A course
 - b. A maximum of four (4) planes per heat
 - c. All launching by hand
 - d. Each heat will consist of ten (10) complete laps beginning with a flying start at pylon No. 2, the start and finish line will be between pylons 1 & 3 in line with the race officer.
 - e. If a contestant cuts a pylon he will fly one (1) extra lap, if he cuts twice he will be disqualified from that heat.
 - f. A time of one (1) minute will be allowed after the start engines signal to crossing the flying start line (pylon #2). A contestant who has not launched before the leader completes (5) laps is disqualified from that heat.
 - g. All laps will be flown counterclockwise.
- 9. SCORING:**
 - a. Scoring will be – first place, 4 points; second – 3 points; third – 2 points; fourth – 1 point. Each race day total may be normalized to the maximum possible score for that day.
 - b. Any contestant who does not attend an official race day will receive a score of zero (0) for that day. Cancelled race days are not included in any of the season scoring results.
 - c. Contestants will drop their lowest score after two or more race days.
- 10. EXCEPTIONS:** There will be no exceptions to the above rules. (Other than under conditions of extreme urgency or at the discretion of the Contest Director on a one time basis.