

# 7th Annual 1cc Multi-Engine Profile Scale meet

**Christopher Columbus Park, Tucson, AZ, October xx-xx, 2013**  
**Scale Judging/Practice: Saturday, 0900. Official Flights: Sunday, 0900**

---

For profile fuselage models of heavier-than-air aircraft having piston, turboprop or jet power. "Jet" replicas may use tractor and/or pusher props. Prototypes need not have flown but must have been built—photos and/or other proof required (see "Documentation", below).

Any glow or diesel power (**no electrics**), each not to exceed .061 (1cc) displacement. Seaplanes/flying boats may use non-scale devices for takeoff & landing (e.g.: dollies or small recessed wheels in the hull and/or floats). If neatly and inconspicuously executed, those will not be penalized during static scoring.

Two categories: "Limited" and "Unlimited". Details below.

Maximum width of profile fuselage and engine nacelles: one (1) inch. May be less if desired. Engine cowlings of any diameter allowed.

If desired, may enter both events with same model—but only **one** entry per category.

**FOUR attempts allowed for 2 official flights.** All engines must be running at release. Flight becomes official when model completes one airborne lap with **all** engines running. If an engine stops before completing one airborne lap, the flight will be charged as an attempt. For the first ten laps, one point will be scored for each lap with all engines running.

Scale documentation required, to include accurate 3-views from a reliable source...or a fully-assembled, unpainted plastic model of the subject aircraft. Documentation is limited to not more than **eight** (8) pages, preferably arranged in a loose-leaf notebook. (3-views having more than one page will be counted as one page.) Scale judging (Saturday) will be "close-up & personal", not stand-off. Details will count!

Proxy-flown entries allowed. Must make own arrangements with a local pilot of your choice and be responsible for shipping everything needed, except fuel. Pilot must be same age group or less. Builders in attendance may, with permission of the CD, have a proxy flyer if physically unable to fly.

AMA Safety rules apply. Safety thongs required. No alcoholic beverages on the field.

Entry fee: Open: \$10, each event. Jr./Sr.: no charge. Awards through 3rd, each category.

## **SCORING:**

**'LIMITED' category:** (For models having pitch control **only**. No throttles or other functions controlled by timers, electronics or other means):

Accuracy of shapes and outlines:	<b>0-40</b>
Color, finish, markings and details:	<b>0-40</b>
Nr. of laps with <u>all engines running</u> :	<b>0-10</b>
Quality of flight (realistic T/O, Level Flight & Landing):	<b>0-20</b>
Bonus (max) for more than 1 wing:	<b>5</b>
Bonus (max) for more than 2 engines:	<b>5</b>
<b>Maximum total possible</b> .....	<b>120</b>

(Continued)

**'UNLIMITED' category:** (For throttle-equipped models having any number of functional ground or flight features):

Accuracy of shapes and outlines: **0-40**

Color, finish, markings and details: **0-40**

Nr. of laps with all engines running: **0-10**

Quality of flight (realistic T/O, Level Flight & Landing): **0-20**

Options **(choose only 3). Must declare prior to flight:**

- Proto taxi (pre- or post-flight): **0-10**

- Sustained high flight (min. 30 deg., 2 lap min.): **0-10**

- Wingover (near vertical; min. 60 degrees): **0-10**

- Inside Loop (1): **0-10**

- Lazy Eight (1): **0-10**

- Touch-and-Go: **0-10**

- Optional maneuver or function (if performed by the full-scale subject): **0-10**

Bonus for more than 1 wing: **5**

Bonus for more than 2 engines: **5**

**Maximum total possible**.....**150** (remember: **3 options max.**)

No restrictions on line length, other than 70' max. All flying will occur on a flat asphalt circle.

Choose your subject and start building NOW. These things take longer to build and finish than you might think!

Questions? Contact Mike Keville, [vsc-guy@cox.net](mailto:vsc-guy@cox.net) or 520-307-1523.

Contest Director: Robin Sizemore, [expstunt@cox.net](mailto:expstunt@cox.net) or 520-749-4434.