

4th Annual "1/2A" (sort of) Multi-Engine Profile Scale contest

Christopher Columbus Park, Tucson, AZ, October 16 & 17, 2010
Scale Judging/Practice/Dial-In: Saturday, 0900. Official Flights: Sunday, 0900

***** Indicates significant changes from previous events.**

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. (Exception: OK Cub .074s allowed, since they're somewhat anemic compared to current .049s and .061s.)**

***** Two categories: "Limited" and "Unlimited". Details below. Note: special award in "Limited" for the best all-sheet, i.e. flat airfoil, entry.**

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.

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.** Flight becomes official when model completes one lap with all engines running. One point scored for each lap with all engines running. Ten laps, regardless of number of engines running, constitute an official.

Scale documentation required, to include accurate 3-views from a reliable source...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: | 0-40 |
| Color, finish, markings and details: | 0-40 |
| Nr. of laps with <u>all engines running</u> : | 0-10 |
| Quality of flight (realistic T/O, Level Flight & Landing): | 0-20 |
| Bonus (max) for more than 1 wing: | 5 |
| <u>Bonus (max) for more than 2 engines:</u> | 5 |
| Maximum total possible | 120 |

(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 smooth 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 or 520-307-1523.

Contest Director: Robin Sizemore, expstunt@cox.net or 520-749-4434.