

WILLAMETTE MODELERS CLUB LOW-DOC SCALE RULES

Philosophy – This is a relaxed event that showcases a modeler's building, trimming and flying skills through the construction and flying of most-realistic aircraft. It is hoped that these models will make the audience gasp, groan, applaud, and cheer-on the entrant's craft as it flies on to another successful flight. Or not.

Eligibility - Any free flight model of a human-carrying aircraft that has flown successfully in its full-scale form is eligible. In the case of an obscure prototype, documentation is critical. The Builder-of-the-Model Rule applies. Models may be powered by rubber, gas, CO₂, Jetex, Rapier, or electric motor. Gas engines are limited to .15 cu. in. displacement.

Documentation - Documentation can be any three-view from a commercial source –books, magazines, the internet. A plan is not a three view. A contestant-prepared three view is not acceptable. Photos are welcome but should be limited to enhancing details, colors, markings, etc. Photos cannot be substituted for a three view.

Flights - The contestant will be allowed six attempts to make three official flights. An official flight lasts longer than 20 seconds and is required to accrue a flight score. Timing will start at the moment of release, or upon tow-release in the case of glider, and will end just before touch down. The highest single official score will be used.

Take -off – Contestants may elect to take-off from either a table or the take-off ramp, at their choosing, for no penalty.

Repeat Winners - Once a contestant has won three times with the same model, the model must be retired for a year.

Static Judging - Judging will include 5 areas of appearance: Fuselage - 10 points; Wings including struts and bracing - 10 points; Tail including struts and bracing - 5 points; Miscellaneous and Details - 5 points; and Color and Markings - 5 points. Total possible – 35 points.

Flight Judging - Realistic flight in three areas is observed during the flight score period. A smooth, realistic take off - 5 points; a steady, stable Cruise - 15 points; and a gradual, stable descent and approach - 15 points. Total possible – 35 points with a required minimum flight duration of 20 seconds.