

# VRCS Concours d'Elegance Judging System

(Revised 04/13)

This judging system is intended to explain how the Concours event should be judged.

1. All Concours entries must be accompanied by the full-size plan used in its building.
2. Only the builder of the model may enter a model in Concours.
3. The airplane entered must be flight ready. Note: A model's airworthiness must be demonstrated by at least one flight of two-minute duration without structural damage other than broken propeller(s) or bent landing gear. This demonstration flight must be flown on the day of judging, prior to submitting the airplane to the judges.

Note: This requirement can be waved in the event of inclement weather or static only events.

4. Three judges are suggested, with their individual scorings averaged to arrive at the final score.
5. All classes and sizes are judged together, and no advantage is to be given to larger and/or more complex designs.

## 6. Judging Areas:

a. **Geometry:** This area confirms that the airplane qualifies as a Concours entry, and is eligible for further judging. The airplane shall receive either a YES or NO for this area. To receive a YES, the airplane must have the correct outline as defined by the plans provided, with only very minor exceptions permitted. Primary areas to be judged include the shapes of all flying surfaces, the shapes of all control surfaces, fuselage top- and side-view shapes, landing gear accuracy, and canopy/cockpit shape and location if part of design. Correct wing construction (*i.e. ribs vs. sheeted foam*) must be used. No points are awarded for geometry. The YES or No only determines eligibility.

An entry is ineligible for the Concourse event if the required full-size plans are not submitted.

b. **Craftsmanship:** This area recognizes accuracy of joints that can be seen, accuracy of alignment, neat solder work on wire landing gears, clean application of window celluloid or canopies, and all other visible items pertaining to craftsmanship.

**0-30 points**

c. **Covering:** This area recognizes the quality of covering application, regardless of the type of covering selected: heat shrink, silk, silkspan, nylon or any other.

**0-20 points**

d. **Decoration and Color Scheme:** This area recognizes the quality of the color design. The airplane does *not* have to be the same color or color design as the original. What is important here is that the color scheme be attractive, with multi-

color designs receiving a greater number of points than a one- or two-color scheme.

**0-20 points**

**e. Radio system and related onboard radio components (receivers, servos, switches, extensions, harnesses, receiver battery) are no longer a consideration for Concours judging. If the RC system is within current AMA/FCC guidelines, it is permitted for use.**

**This is 0-point item**

**No preference should be given to either restored antique radios or facsimiles using modern components as long as the number of controls and functions matches the airframe design on the submitted plans. For maximum score, vintage mechanical elements (*pushrods, control horns, clevises, keepers, hinges and other visible control system components*) should be used.**

**0-10 points**

**f. Engine/Motor – must be of the same type (*two-stroke, four-stroke, electric*) and within the displacement range indicated on the submitted plans. The make, model and age of the engine are not relevant, although an engine or motor that is era-appropriate to the submitted model should have a point advantage over a modern, state-of-the-art powerplant. For example, a Veco .45 with an air-bleed carburetor in a Taurus would be eligible for maximum points. Stock or non-stock mufflers of any age or type are acceptable to comply with flying site rules.**

**0-10 points**

**8. Bonus Areas: The following two items shall be scored either 5 points or 0 points without graduation: it either is or isn't.**

**a. Appropriate Covering: Use of the covering material that was used on the original design or indicated on the submitted plans.**

**0 points or 5 points**

**b. Correct Construction Materials as indicated on the submitted plans: Airplanes that featured built-up components shall not get this bonus if foam, fiberglass, composite or other construction materials are substituted — or vice-versa.**

**0 points or 5 points**

**9. All pilots should affix the airplane's name and design year on the model where it is visible and easily read. A minimum of 1/2-inch characters on a sheet of paper taped to the model may be used for this vital information about the airplane, which is required for both judging and general interest.**

**Maximum Total Points: 100**