AE-24 2022

A Model Aircraft Competition Just for College Students

Eligibility to Enter

1. **No entry fee**
2. One flight per entry, Longest time wins *(see bonuses below*)*
3. This competition is open to any university or community college student ages 18-25 in the United States. College ID or proof of enrollment is required.
4. Submit a video or video link of the flight to the NFFS AE24 Competition Director: ross.jahnke@nicholls.edu. Please put AE24 in the subject line.
5. *Entrants need not be members of the Academy of Model Aeronautics (AMA) or the National Free Flight Society (NFFS) to enter.*

Aircraft Specifications

1. This *Free Flight* model may be from a kit, published plans, or of your own design; be creative!
2. Wingspan shall not exceed 24 inches (61cm) when it is in assembled condition. The wing is the largest flying surface on the model no matter the configuration. Fuselage length is not limited. The flying surfaces shall provide the sole source of lift (no balloons etc.), and may be made from foam, balsa, and/or tissue paper.
3. The propeller shall be an unmodified commercially available plastic freewheeling propeller up to 8.5 inches (22cm) in diameter. Weight may be added to balance the propeller. The propeller will be the sole source of thrust for the model.
4. A wound rubber motor shall be the sole means of energy to turn the propeller (No R/C, electric motors, engines, catapults)
5. Flights will be timed from the moment the model is launched to the time it lands, measured in seconds.
6. ***NEW for 2022: Bonuses for balsa and tissue construction.**

a. Final score will be flight time multiplied by 125% for all balsa wood or balsa wood & tissue airplanes with a stick fuselage. No foam flying surfaces.

a. An example of a model with a stick fuselage, & balsa and tissue wings.

b. Final score will be flight time multiplied by 150% for all balsa wood or balsa wood & tissue airplanes with a built-up fuselage, where the rubber motor is inside the fuselage. No foam flying surfaces.

b. An example of a model with a built-up fuselage, where the rubber motor is inside the structure.

Prizes

1st Place - Apple iPad WiFi 64GB
2nd Place - One by Wacom, Medium Graphics Drawing Tablet, 10.9 x 7.4 inches
3rd Place - One by Wacom, Small Graphics Drawing Tablet, 8.3 x 5.7 Inches
Sponsored by the National Free Flight Society https://freeflight.org/join-learn-fly/nffsu/

NFFS
NATIONAL FREE FLIGHT SOCIETY