

Rules Open Micro Capacitor Powered Aircraft Competition.

MICRO CAPACITATOR POWERED MODEL AIRCRAFT.

- Definition.

Free flight model airplane powered by a capacitor / electric motor combination.

The competition is divided into two main competitions; Outdoor and Indoor. For both the rules are exactly the same, only difference is that there are two rankings with times for indoor and outdoor times.

-Character.

Open.

For all ages.

All designs are allowed, kits, materials etc.

Only technical limitation is the drive train and power supply.

-Technical specifications.

Capacitor: 5F 2.7V.

Motor: diameter; 615 (6mm x 15mm) coreless motor, DC 3.7 V.
Power supply; max. 4.5 V.

De-thermalisers are allowed.

When participating, the number of models of a participant that meet the technical specifications, is limited to max 3 models. For duration the participant can choose each flight which model he or she desires to fly, for the scale, most creative or fun ranking the participant is limited to 1 model.

-Number of flights.

Each participant may make an unlimited number of flights of which the best time counts for the classification. The organisation of the event can determine a time frame in which the official flights for that event must be made.

-Definition of an official flight.

Time flown during a flight that has been recorded in which the competitor has launched the model him or herself from the ground.

-Definition of an unofficial flight.

Timer errors.

Participant did not launch the model him- or herself.

-Maximum flight time.

There is no maximum flight time.

-Classification.

The best time flown counts in the final classification of that event or season. In case of equal results, there will be multiple winners.

- Timing

Times are rounded UP to whole seconds.

The flight must be clocked.

The official flight time starts when the model is released by the competitor.

The official flight time ends;

When the model hits the ground.

When the model remains motionless for 3 seconds or more. For example when it is stuck in a tree, or when flying indoors, when it is in the volleyball-net.

When the model has disappeared from view of the TIMER.

If a competitor cannot find his or her model, but the flight has been timed, then it is a valid time for classification.

It is allowed to run after the model to keep it in sight, then the time will continue and hopefully the timer will also.

-Number of attempts.

Any attempt to fly for a valid time may be repeated in the scheduled time frame for the event.

- Number of helpers.

At least 1 timer is required.

The helper or helpers may or may do anything other than launch the model.

-Launch the model.

The model is launched by hand, with the participant standing on the ground, "jump launches" are not allowed.

-Duration, scale, creative and fun ranking.

Duration: best time counts.

Scale: The jury awards points between 1-10 for the scale factor, basic documentation about the type of aircraft must be provided by the participant, including pictures for comparison.

Creative: The jury awards points between 1-10 for the creative factor of the build. A document in which the builder explains his design, why he or she made it, must be provided by the participant.

Fun; The jury awards points between 1-10 for the fun factor of the design and flight, the overall fun factor. These could be the "cartoon" type of designs or a simple design that made a very entertaining flight.

-Overall ranking.

Points awarded for the scale, creative and fun factor are added as seconds to the best flight time of the event.

A scale design can not be awarded with points for the creative or fun factor.

A creative design can not be awarded with points for the scale and fun factor.

A fun design can not be awarded with points for the creative or scale factor.

Kind regards, Vincent Merlijn