

2012 National Electric Flight Rally Rules for Events

Electric Scramble – any type of model, using any type of motor, with any type of cells can be flown. The aim is to achieve as much time in the air in a 45 minute period with each flight being no more than 2 minutes long. Each launch must be with the motor running and made from the same spot. The model must land on the ground and not be caught at the end of each flight. Flights of less than 30 seconds do not count. The time of all flights will be added together to decide the winner. This is a fun event – give it a go!

Limited Electric Glider – will be flown to current Australian rules. Basically these call for a 5 minute flight using as little motor run as possible, with a spot landing on the five minute mark. For a full description of the rules see the link on the AEFA web site at www.aefanet.com – click on the Contest Rules link. Alternatively, click on this link to download the rules: <http://www.flyelectric.com/NEFR-2012.html>

F5J Electric Glider – the new, international rules for electric glider using data logging devices will be run in 2012 as the peak electric gliding event. Data loggers are available for loan. You do not need a high performance glider – a modest climb to 200m in 30 seconds is all that is required. For the full rules go to www.aefanet.com or click on this link to download the rules: <http://www.flyelectric.com/NEFR-2012.html>

Radian Glider is a one-class glider event that removes all the variables. Only a standard Radian electric glider may be used. Initially, all launch together and one 20 second motor run will be allowed. The aim is to fly for 5 minutes (total time including motor run) and land on the spot. The actual task may be varied on the day at the Contest Director's discretion, but this is a fun event with an easy-to-fly aircraft and well worth entering. The spirit of this event is to use a standard Radian with standard equipment. However, the original 9.75x7.5" prop supplied with the Radian is quite fragile and some fliers are substituting other props, like the Graupner Cam 9x5". Any prop may be used that is smaller than the original and any 3S battery up to 1300-3S.

Foamy Pylon The rules used in earlier years will be repeated in 2012. Go to the AEFA web site at www.aefanet.com – click on the Contest Rules link or click on this link to download rules:

Old Timer - Four competitions will be offered being Duration, Texaco, 1/2A Texaco and Height Limited EOT. Simply enter Old Timer if you are interested in any of these events and the different classes will be organised on the day. Please note that AEFA rules are no longer available on the MAAA web site. To download the full EOT rules go to the AEFA web site at www.aefanet.com – click on the Contest Rules link or click on this link to download rules: <http://www.flyelectric.com/NEFR-2012.html>

Scale – at the NEFR we take a somewhat relaxed and low-key approach to scale. We encourage modellers with ARF aircraft and those own-built models to participate. Our main goal is to get scale models in the air at the Rally and for pilots and spectators to have a good time. The scoring in the event will be based on equal weighting being given to appearance (judged statically) and scale flight performance. Formal documentation is not required. However, before the judges can award a high static score they will need something to judge your model against. Photographs and/or drawings of the full-sized aircraft will help here. The models will be judged statically on Saturday morning, and scale flying will take place on Saturday afternoon. A series of five *pilot nominated* manoeuvres will be scored during the flight. Takeoff *can* be nominated as one of the manoeuvres, as can circuit and landing (provided that the model is fitted with a functioning undercarriage). Appropriate manoeuvres for the prototype can be discussed with the judges prior to flying.