

Electric Replica: a new remote-controlled event for old timers

Goals:

- Encourage the building and flying of remote-controlled, replica models of fuel powered, SAM-legal models.
- Take advantage of many kits and plans available for the current *Replica .020 Power* event.
- Benefit from the reliable, reasonably-priced, micro radio control components.
- Utilize inexpensive LiPo batteries and the plethora of inherently safe LiPo chargers.
- Have fun!

The Model:

1. Not to exceed 36" in projected wingspan
2. Replica model of any fuel-powered model kitted or built from plans published by December 31, 1942
3. Motor - any electric brushed or brushless in-runner or out-runner
4. Battery - a 2 cell lithium polymer battery of any capacity
5. Propeller - fixed, no folding propellers
6. Landing Gear – Must have landing gear, however two-wheel landing gear may be substituted for a single wheel
7. Construction - Construction is at the discretion of the builder
8. Airfoil - Airfoils may be modified, but must retain the characteristic shape of the original, i.e., RAF 32 Type, 6409 type, Single Surface type, Clark Y type etc.

Flight Task:

1. Motor Run - Motor run is 120 seconds. A restart of the motor after 120 seconds results in a zero score for that flight. This time may be changed at the discretion of the Contest Director.

The model's score is the sum of the best two of three flights (10 minute maximum, timed from the start of the motor). In the event of more than one competitor achieving two maximum flights, at the discretion of the Contest Director, the winner may be determined by a fly off.

Authors: Steve Moskal & Vic Newton – SAM 100

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