

MIDWEST ELECTRIC WARBIRDS RACING RULES (Final Version May 27, 2009)

The intent of this event is to capture the excitement of Reno-Style pylon racing using R/C propeller driven aircraft modeled after propeller driven aircraft flown during WWII or WWII aircraft that were later raced at the Reno Unlimited Air Races. With the advances in electric flight a separate class is warranted to allow electric powered Warbirds to compete with one another. If the pilot desires he may still compete in the engine powered Silver Class Warbirds event, and conform to its rules. Realizing landing points could not be awarded.

Models must be easily recognized as a "scale" version. No profile fuselages, no planes sold as or advertised as Q-500, Formula 1, or Quarter Midget aircraft will be allowed to compete. It is up to the contestant to provide the necessary documentation to prove that their aircraft is actually a WWII or Reno racing aircraft, and eligible to compete in the Reno Unlimited class race. Scale color and markings are encouraged, but are not a requirement.

RACING CLASSES: Electric Warbirds will have a cut-off time of 1 minute and 45 seconds (105 seconds, and can be adjusted up or down as necessary to be competitive at next race). Completing seven (7) laps faster than the cutoff time disqualifies you for that heat. No stopwatches will be allowed on the flight line. No aircraft over 15 lbs. (dry weight) are allowed. Any motor/airplane combination can be used. Backup aircraft, are allowed, if your primary aircraft is deemed not flight worthy by the CD. The backup plane must be on the same frequency as the primary plane.

- At least a 10% minimum wing thickness on aircraft. Wing tips are not included. No undercuts allowed.
- Electric Warbirds are not required to ROG and may be hand launched.
- The CD can request a safety flight, if during the course of the race unsafe conditions are evident, the CD will not allow an aircraft to continue if it cannot be safely flown & controlled at all times.
- There will be a "Best of Show" ballot. This will be a vote made by race day helpers/workers and is intended to encourage quality workmanship and scale aircraft. The winner will be kept secret until the end of the race. Winning "Best of Show" will break any ties that the winners might be involved in at the end of the race.
- 2 Pylons are to be 660' apart. The race will be started with a flying start. 60 seconds maximum to have the plane in the air after the starter has identified aircraft to the judges. At the end of the 60 seconds (or if everyone is in the air & ready), the CD/starter will call out loud that a 10 second out loud countdown will begin now, and at the end of that countdown to zero the race begins. All aircraft are to be behind (or left side of) the Start/Finish line at the start of the race. Any aircraft seen ahead of that line will be given 1-cut at that time, just as if they cut a pylon. 7 laps are to be flown. If possible there will be 4 planes in each heat, if the matrix allows.
- First place in the heat will receive 4 points; second place will receive 3 points, third place – 2 points, and fourth place – 1 point in a 4 plane heat. If a 3 plane heat is flown then first place receives 3 points, second place 2 points, and third place 1 point. If a pilot crosses the Start/Finish before the sound of the horn or cuts one pylon he will receive only 1 point. If a pilot cuts two or more pylons, he will receive "0" for that heat. If a pilot cuts any pylons, he is automatically put in last place and any pilots behind him that did not cut will advance one place in the standing. Ex: If a pilot in first place cut one pylon and the rest of the heat didn't cut any, the second place pilot gets 4 points, the third place gets 3, the fourth place gets 2 and the first place pilot gets only 1 point. **When a pilot receives 2 cuts he MUST pull up & out of the racecourse. Anyone that refuses to do so may be disqualified at the discretion of the starter.
- When a cut judge calls in a cut for example he/she says "cut blue", the CD/starter will respond "cut blue" to show acknowledgement of the cut back to the cut judge. The CD/starter will call out loud "cut blue" so that all pilots can hear the call. Radio traffic should be as brief as possible to preclude "walking" (talking over) on another incoming call.
- Pilot stations assigned according to matrix.
- Any pilot flying a plane behind the flight line will receive a warning; a second instance will result in a Black Flag and pilot will receive a "0" for that race.
- Prizes are to be awarded for 1st, through 5th if more than 10 entries. Ties will result in a fly-off unless there is a frequency conflict, where Best-of-Show, or a flip of a coin will decide the winner.
- Any disagreements with a call, or cut, must be discussed with the starter. If the starter asks for assistance, the CD may be involved as well. Anyone caught harassing a Lap Counter or Cut Judge will be given a Zero, or disqualified.

GOOD SPORTSMANSHIP IS A REQUIREMENT!