

# 2012 WESSEX 600RES Low-Cost electric thermal competition

## General Rules

1. The competition to be flown with LOW-COST models as a Round Robin where each pilot flies once against each other pilot in turn.
2. Each competitor to be a competent pilot in the prevailing conditions and to show proof of BMFA Insurance.
3. **Frequency control.** Local site rules to be followed at all times. Bring spare frequencies. It is the pilot's responsibility to ensure that their frequency is clear before switching on.
4. Both (or more) competitors launch at the same time. Last one down wins.
5. A flight is deemed to start when the model is launched (i.e. leaves the launchers hand). The round is declared invalid and re-flown later if the model is not launched.
6. All pilots to return to the pilots box asap or at the latest within 60 seconds of the start also pilots to fly their model only in the designated area of the sky. Failure to do so will result in a warning on the first occasion and zero score if repeated. Time keeper to administer.
7. **45 second** motor run only at the launch of each flight. Zero score if motor time overrun. (Note: at any time motor may be used for safety, STOP timing when the motor is switched on.)
8. A time keeper is required for each round to (a) collect and fill out the scorecard (b) record results (c) return the completed scorecard to the Scorekeeper.
9. Landing of all, or part of the complete model, to be in the designated area or zero score.
10. Unable to complete the flight due to a mid-air – timing ceases when model first touches the ground. It is the pilot's responsibility to land safely if damage is suspected. The round is valid, no re-run.
11. Unable to complete the flight due to a force outside of the pilots control - re-run the round for all pilots affected. e.g. Full size aircraft approaching, sudden hail storm, mad dogs etc. Note: this does NOT include equipment failure.
12. No telemetry assistance allowed either directly or indirectly.
13. Pilots to be prepared to fly promptly when required.
14. Pilots to compete against **all but 2 entrants or scores discounted.** The remaining 2 unflown flights to be a walkover.
15. Overall ties to be decided by unlimited fly-offs.
16. If more than one competition takes place overall positions will be calculated for each round as follows; Winner 10 points; 2<sup>nd</sup> 9; 3<sup>rd</sup> 8; 4<sup>th</sup> 7; 5<sup>th</sup> 6; 6<sup>th</sup> 5; 7<sup>th</sup> 4; 8<sup>th</sup> 3; all others achieving a score of 2 points. Best 4 scores to count. Overall tie break to be highest placings.
17. A prize will be awarded for the overall series winner. (There may be an entry fee at some events.)
18. Contest Directors' decisions will be final.

## 600RES Low-Cost Restricted Class models

1. Any electric powered soaring model (except expensive ARTF's) using a maximum number of 3 servos. (Rudder, elevator & optional top wing mounted barn door type, spoiler/air brake only.)
2. One of these direct drive standard ferrite 600 (max.) motors **only** to be used: (i) JP Power Speed 660 motor. part no. 5510350. (ii) MIG 600 Turbo 7.2v. (iii) Multiplex 600 Permax 7.2v. (iv) Graupner Speed 600 7.2v part No. 1793 (note NO cooling fan so may have a shorter life). Motor must not be dismantled or modified in any way. Maximum retail price of motor £13
3. **Maximum 7 cell** Nickel Metal Hydride pack only to be used. **Minimum 2200 Mah capacity.** Pack may be charged/changed between flights. (4/5 CS NiMH 2200 x 7 cells recommended.)
4. **Standard Graupner 20 x 11 (Imperial measure 8 x 4.5) CAM** folding propeller **and hub only** to be used. A replacement plastic spinner, of similar or larger size, may be substituted.
5. Wing to remain fixed both cordwise and spanwise (except for optional top wing mounted, barn door type, spoiler/air brake only.).
6. No limit to the number of eligible models to be used.
7. Score 1 point for a win, or ½ point for a draw if still flying at 15 minutes. Zero points if landing out. (If more than 2 flying against each other, score 1 pt. for each pilot defeated).
8. Max flight time 15 minutes. If both (or more) pilots draw or are still flying at 15 minutes then the points are shared equally. If 3 pilots fly the maximum of 15 minutes then each pilot scores ½ pt + ½ pt = 1 point. 4 pilots 1.5 points each. 5 pilots 2 points each.