

SAM35 Single Channel Spot Landing Rules and League 2026

This is a 'fun' competition for small and simple IC powered single channel radio assist models. After a climb under power until the fuel runs out, the aim is to glide down and land as close as possible to the marked spot. Some events have a model design theme. This is to encourage the building and flying of a range of different models. Gliders launched off a standard lightweight bungee may be flown as a separate class.

1. Powered models must have an IC engine of up to 0.8cc capacity.
2. The glider bungee is 7.5m of 1/8" rubber plus 22.5m of line.
3. The design of the model must comply with the theme of the event if one is specified.
4. Designs may be scaled up or down in size.
5. Only one IC and one glider entry per person.
6. Only 2.4ghz radio is allowed.
7. Control must be rudder only. Note that models fitted with further controls eg of throttle and elevator may be entered if those controls are disconnected.
8. The minimum engine run is 30secs.
9. Engine timers are not allowed.
10. In the event of a failed launch or a short engine run a single re-flight is allowed in each round.
11. Scoring is based on the distance between the nose of the model and the spot when the model comes to a rest.
12. If more than one round is flown the score will be the total of the distances in each round. A contestant who fails to make a qualifying flight in a round will be awarded the longest qualifying distance in that round plus 1.
13. If there is a tie for first place there will be a fly-off.

The Spot Landing League is for IC models and will be based on the 3 SAM35 weekends at Buckminster, with all 3 results counting for the League Trophy. League scoring will be based on 1 point per place overall in each event. A contestant who does not enter an event will be awarded last place plus 1. Lowest total score wins. A tie will be split by number of 1st places, or 2nd places, etc, or if that fails, by the total distance from the spot. All 3 events will be open to any qualifying model. In addition, at the Spring Gala those flying 'old British kit designs' will qualify for an award, and at the Retrofest those flying Vic Smeed designs will qualify for the Vic Smeed Trophy. 'Old British kit designs' are those that were kitted back in the day by KK, Veron, Frog and Mercury etc. but are not designs that were only issued as plans and which may have been more recently kitted by the CNC cutters.

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