

Competitors briefing sheet

COMPETITION TASK

- *Limited fuel*
 - *Free takeoff within time window*
 - *Briefing: 09:00 Friday*
 - *Fuelling time window: TO BE BRIEFED*
 - *Takeoff window opens TO BE BRIEFED Takeoff window closes: TO BE BRIEFED*
 - *Task window closes: TO BE BRIEFED (Land out of task window: score zero)*
-

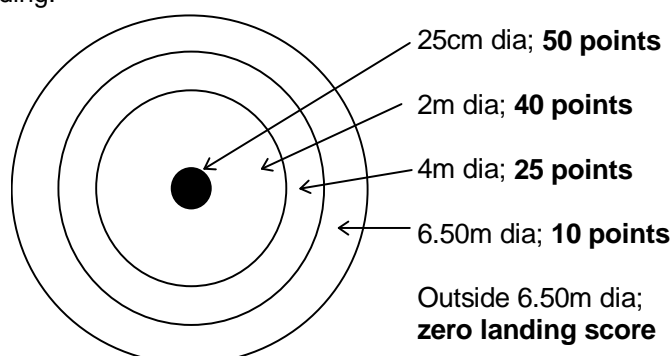
Pure Economy and Precision

Objective

Make a precision take off with 2 litres of fuel, stay airborne for as long as possible, and return to the deck making a precision landing on one of the targets.

Special rules

- Free take-off order, within the time window. The pilot scores 50 points for a clean take off at the first attempt, 30 for the second, 15 for the third, zero for the fourth or subsequent attempt.
- Departure from view of the marshals, egress from the permitted flight area: Score zero. The permitted flight area is in sight of the airfield and not outside a 5 Km radius. The perimeter will be patrolled by a microlight.
- Landing:



- The first touch of the ground by the pilot's foot is the point from which the pilot's score will be derived. A first touch on the line scores the higher score.
- Land inside the airfield boundary but outside the deck: 20% penalty. (The airfield boundary is defined as the grass area OUTSIDE the No Fly Zone bounded by the road.)
- Contestants will be awarded a zero *landing* score for:
 - Engine stopped for less than 60 seconds before landing.
 - Falling over as a result of the landing.
- Land outside the airfield boundary: Score zero.

Scoring

$$\text{Pilot score} = 900 \times \frac{T_p}{T_{\max}} + B_{to} + B_{ld}$$

Where: T_p = The pilot's time, T_{\max} = The longest time taken to complete the task