**Fed. Port.
Aeronáutica**

European Microlight
2004 Championships
PORTUGAL

8ᵗʰ EUROPEAN MICROLIGHT CHAMPIONSHIPS
Castelo Branco – PORTUGAL   **31 July - 7 August 2004**

CLASSIC CLASSES (WL1, WL2, AL1, AL2)

TASK 7   **Follow the DAM Lines**   **3rd August 2004**
Precision Navigation

*Unlimited Fuel   ☺ **FR required** ⊘ No timing ❶ Take-off - as defined at briefing*

Objective :

   The objective of this task is to accurately fly a given polygonal route, previously drawn on the map.

Description :

   Competitors will be given a copy of the map indicating the initial point (SP) and a polygonal route to be rigorously flown.
   Take-off will be from the outlanding place of the previous task, and the T.O. order will be as briefed.
   After take-off, aircraft must fly to the starting point (SP) and then follow the indicated route, over flying the line as accurately as possible, which means not deviating more than 250 mt to each side of the line. Along the route there will be a number of hidden gates, which must be correctly over flown, which means flying at 500 ft a.g.l. passing through a gate 500 meters wide. Any 360º turns will be penalized.
   Reaching the final point (FP), aircraft must proceed to the base airfield. Arriving there, fly overhead the T at 500 ft a.g.l. in the direction of landing and enter the standard circuit, to land as soon as it is safe to do so. Landing must be done inside the landing deck, where the aircraft must come to a complete stop. After being authorized by a marshal to move from that complete stop, the aircraft must go to the quarantine zone, where the FR must be delivered to a marshal.

Scoring :

       The absolute score will be obtained by the following formula

$$S_{ABS} = 200 \times HG - penalties$$

       where
             HG - number of hidden gates correctly passed

Penalties :

The following penalties will apply:

- deviating from the track line more than 250 meters ….. 10 % / each deviation
- any 360º turn ……………………………………………… 30 % / each
- incorrect procedure for landing …………………...…. 10%
- landing deck penalty ……………………………..……... 20%

The competitor will be scored 0(zero) in case of :

- breach of quarantine
- not delivering the FR after landing

Relative Score :

The relative score for the classification will be, as established in section 10, obtained by

$$P = 1000 \times \frac{S_{abs}}{S_{abs\ max}}$$