



## **Task 10,12. Navigation with known track**

Pilots will place the aircraft in the quarantine area as briefed. Each crew will receive the maps and photos for the task in the planning time published on the starting list. Before take off completed speed declaration sheet must be given to the Marshals.

Competitors will take off using the runway, than fly to SP follow the track marked on the map until FP. From FP fly the shortest way back to the airfield and land as briefed.

A photo sheet of 10 photos will be given to competitors. No false photos will be used.

Photos, markers, timing and tracking gates are possible on the whole track. Photos and markers must be marked accurately on the map. If marked within  $\pm 2$  mm each will be scored 100 points, between 2-5 mm no points will be given and over 5 mm -100 points. Gates will be 600 m wide. The maximum point for correctly crossed gates is 100 each,  $\pm 5$  s tolerance is applied, for every second over the tolerance 2 points will be decreased from the score for the gate.

### **Scoring:**

$$Q = (P \times 100) + (M \times 100) + (TG \times 100 - T) + (G \times 100)$$

Where: P = correctly marked photos

M = correctly marked markers

T = double of the seconds over the 5 s tolerance at timing gate

G = correctly passed tracking gates

### **Penalties for task 5:**

- 20% for not anoring the aircraft in the quarantine
- 100% for over 90 degrees turns on any part of the track
- 100% for outlanding
- 100 % for breaking quarantine
- 100% using prohibited devices
- 20% for not following approaching and landing procedure