

EMC 2010 task 3. Navigation with known track 2.1e – Waterway to Sutton Meadows

Objective:

To follow the given track accurately, whilst spotting the position of photo features. The first part of the route has known timing gates (KTG). Crews try to pass these accurately on declared times. There are also points for shortest elapsed time between these timing gates.

Description:

Starting procedure : A, South departure

Before flight, in Quarantine crews will be given:

Task map
Declaration sheet
Photo sheets

Detail description

Crews fly the given course identifying the location of photo features – which can lie anywhere along the course between SP and FP. There will also be unknown tracking gates anywhere on the course.

The first part of the course has known timing gates. Crews will predict their arrival times at these gates (in absolute time BST). Points will also be given for the shortest elapsed time on each section up to the last known timing gate.

After crossing FP crews must proceed directly to Sutton Meadows airfield using **Special arrival procedure as briefed.**

Standard after landing Navigation task quarantine procedure will apply.

Scoring

Crossing SP, and subsequent timing gates (TG1, TG2, TG3) on time = 100 points – 2 points per second +/- from given/ predicted time

Speed score for section (SP-TG1, TG1-TG2, TG2-TG3) = competitors speed/ fastest speed x 100

Each correctly identified photo feature marked within 3mm on official scoring map = 50 points. If greater than 3mm but less than 5mm = 0 points. If greater than 5mm = -50 points.

Competitor's score = $Q/Q_{max} \times 1000$ where:

Q= Competitor's individual accumulated score

Q_{max} = best individual accumulated score in task/class

Penalties as per generic navigation task penalties.

