RWL 1 (Task 5) / RAL 2 and RAL 1 (Task 5) CLASS

June 26, 2001 at 20:00 hours

PURE SPEED AND NAVIGATION IN A CIRCULAR AND STRAIGHT COURSE

The pilots will take off starting at 9:30 every minute in the attached established order from the deck (TC 1). Before take-off they need to submit to the Marshall an estimated speed in Km/hour at which they will be flying the course until the point TC 2 only. They will start to fly along the line marked on the map until it intersects the circle draw in the attached map. Then the pilot must start to fly along the circle in clockwise sense, until a Time Control gate (TC 2) is found. During the whole course flown until this point exist an undefined number of Ground Markers with a defined form as an **X** that may be or not situated on the course. The pilot must find the correct ones and situate them on the map, that must be given to the Marshall on arrival. The error in drawing allowance is +/- 2mm, which represents 500 meters in the ground. It will score 0. If a wrong real X appear on the map, it will be counted in the formula with negative sign and has twice the value that a correct one has.

At the very same moment that the pilot cross OVER the line that defines the gate TC-2, timing will start and the pilot must come back to the airfield as fast as possible. The pilot must cross OVER the line of Time Control Gate 3 (TC 3), that is situated behind the fence at the North end of the short runway. Pilots need to cross OVER the line in an East direction After this the pilot must make a proper traffic to the 27 runway and perform a scoring landing in the deck nº 1. In case the wind changes its direction, the cross of the gate TC 2 must be made in the same way precedent, but the landing will be made in the deck nº 2 South right traffic. The T will indicate the expected direction of landing, as well as the Marshall's will be situated in the mentioned Deck.

Scoring:

Qx = 100 * X's correctly indicated in the map

Qve = error in % on the estimated speed (1% = 50 points) with a maximum penalty of 300 points.

V= Speed between TC 2 and TC 3 in Km/h

Qv= 500 * V/Vmax

Qld = Scoring in the landing deck (do not stop within the deck = 0)

Qpilot = Qx – Qve + Qv + Qld

P= (Qpilot/ Qmax) x 1000

IMPORTANT NOTES:

- **The 20% of the total scoring penalties for not take off within the deck will apply.**
- **Before take off the pilot must present a paper to the Marshall declare the estimated ground speed in Km/h along the mentioned course.**

- **The marking of the found X will be done in an official map. The cross of the UTM (blue lines) number 8 horizontal and number 9 vertical defines the center of the circle. The diameter is 150 mm. The point to access the circle is defined by the south cross of the circle with the mentioned 9 vertical line.**