

# RAL 1 CLASS

## TASK 6

June 27, 2001 at 22:30 hours

### EFFICIENCY

The target of this task is to fly along a predefined circuit as many times as possible with a limited amount of fuel.

The pilot must take off and go to Chiclana de Segura town (TP 1), from there to the town of Los Mochuelos (TP 2), from there to Arroyo del Ojanco town (TP 3). From this place the pilot must go to the airfield and perform a touch and go in the runway 27, preferably in the zone of the deck nº 2. If it were not available, the touch and go can be performed in anywhere along the runway 27.

Only complete circuits will score, except in the last circuit, on which the turn points will score independently, if it is not completed.

On landing, preferably in the first part of the runway 27, but not mandatory, the pilot will clear immediately the runway used and wait there until a Marshall come to deliver further instructions, inspect the seals and recover the camera and backup film if it exist.

The circuit is validated through the photograph of each turn point taken in FAI angle, and the touch and go in the airfield. The order of the exposures must be as follows, to validate each circuit:

- 1º.- The town of Chiclana de Segura
- 2º.- The town of Los Mochuelos
- 3º.- The town of Arroyo del Ojanco

Before take off the pilot must take photographs of the Official Board and the airplane, that must be the first and second exposures in the camera.

### SCORING:

$$\begin{aligned} Q_e &= 100 * n^\circ \text{ of valid circuits} \\ Q_{tp} &(\text{only applicable in the last circuit}) = 50 * n^\circ \text{ of turn points} \\ Q &= Q_e + Q_{tp} \\ P &= 1000 * Q / Q_{\max} \end{aligned}$$

### FUELLING:

Start at 13: 30 and finish at 15:00.- Fuel amount will be 5 Kg for solo class and 7.5 Kg for two seaters class. A Marshall will supervise fuel measurement and refueling. He will also seal the aircraft's fuel system.

### TAKE OFF:

The planes must be ready to taxi from the platform to the deck nº 3 at 15:15. There is a window to access the runway and taxi between 15:15 and 15:30.- After this time, no airplane will be allowed to access the runway and will not fly the task.

Take off will happen from 15:45 until 16:20 in an open window. The pilot that does not take off in this window will have a penalty of 20 % of his total scoring.

**IMPORTANT NOTE: PENALTY FOR TAKE OFF OR LANDING WITHIN THE DECK DOES NOT APPLY TO THIS TASK.**