



# WMC 2025 – CHAMBLEY France

## **TASK02 A4 : Hold the line, but take time to look around**

### **Goal :**

The goal of this task is to navigate precisely along a given path, crossing hidden gates scattered along the circuit, while identifying and reporting on a map upon return the position of photos.

### **Description :**

The aircraft will be placed before the start of the task in quarantine. The competitors will enter the quarantine area, then proceed to their machine where they will be given a map and a set of photos. At the end of their quarantine time, they will push their aircraft on the taxiway where they will start the engine, then proceed to the deck under the marshals order. At the allocated time, they will start their flight by first reaching SP at 8 min from their allocated take off time. Being late or early will incur a penalty.

The competitors will then proceed along the given track, crossing hidden gates. All along, they will identify and report photos that they find corresponding to the photo sheet given in quarantine. When reaching FP, the competitors will be heading for the airfield where they will remain in quarantine for 15 minutes to report their photos on the control map and hand it to the nearest marshal. Once done, the competitors are free to leave the quarantine area.

#### Overview :

Expected task distance : ca 130km

Quarantine time : 1 hour

Take-off : At the allocated time given during briefing

Runway : from deck 1, as directed by the marshals

Start point : SP. To be crossed 8 minutes after allocated take off time

Finish point : FP

Quarantine time upon return : 15 minutes max for reporting photos and hand to marshal

Hidden gates : Yes

Photos : Yes 10 photos, some may be false

Task Time limits : Landing at Chambley within 5 mins of passing FP, using the most direct route, but ensuring safety and spacing with the other competitors.

#### Turnpoint description

TP	Description	Distance from previous (km)	Distance from SP (km)	Flight Time	
	SP : Center of big roundabout with 2 antennas	5.7 km from take off			
	FP : "Y" junction west of the airfield	2.2km to landing	120 km		

## Scoring :

Description	Points value
SP, FP	100
Hidden track gate	100
Photo, ground marker (in the 2mm tolerance)	100
Photo, ground marker (tolerance : > 2mm and < 5mm)	0
Photo, ground marker (outside 5mm tolerance)	-100

Scoring formula :  $\Sigma(\text{SP}+\text{FP}+\text{Hidden gates}+\text{Photos})-\text{Penalties}$

The best result will be set to 1000 points, the other competitors scored pro rate

## Penalties :

Description	value
Late quarantine (more than 1 minute delay)	-20%
Late Take-off (more than 1 minute delay)	-20%
Late for scoring (more than 1 minute delay)	-20%
Engine on inside quarantine stand	-20%
Backtracking against the direction of the track	-50%
Failure to Take off on the deck length	-20%
Failing to pass SP or FP	-30% per gate not crossed
Outlanding	-100%
Late/early to SP	5 seconds tolerance then 2 points each second. Max 100 points
Flying into a <b>Prohibited Flying Zone</b> (PFZ) (marked on the task map)	-100%
Quarantine breach	-100%
Not being able to successfully taxi completely through the 125m box	-100%
For minor penalties and infringements : a 2 warning system will be in place before any penalty is issued for : <ul style="list-style-type: none"> <li>- Poor circuit discipline</li> <li>- Infringing <b>No fly zone</b> (NFZ) which are briefed</li> <li>- Ignoring marshals</li> <li>- Any other behaviour with causes concern or impacts upon the safety of others</li> </ul> Resulting in : <ul style="list-style-type: none"> <li>- 1<sup>st</sup> warning</li> <li>- 2<sup>nd</sup> warning</li> <li>- Penalty issue 20%,50% 100%, disqualification: at the discretion of the competition director. Depending upon minor or major offence/s</li> </ul>	- 20% => -100%