

PPG

Information for Pilots

Issued: Wednesday, 02 Dec. 09 at 13:48

BRIEFING COMPETITION TASK 7

Briefing time: Sunday 14 September, 11:30

Briefing location: On the deck

Task sheets will be available 1 hour before briefing from the PPG Office.

Task starts: 12:15 *(provisional until briefing)*

Task type

- Precision
- Unlimited fuel
- No photography
- Specified start order

WORLD AIR GAMES PPG COMPETITION

Competitors briefing sheet

COMPETITION TASK 7

- This task is as task 3 in the PPG local regulations
- Unlimited fuel
- Defined start order
- Briefing: 11:30
- Task starts 12:15

Slow / fast speed

PRECISION

Objective

To fly a course as fast as possible and then return along the course as slow as possible.

Description

A straight course between 250m and 500m long and 25m wide is laid out with gates at each end.

The pilot makes a timed pass along the course as fast as possible, returns to the start, and makes a second timed pass in the same direction as slow as possible.

Takeoff procedure

This task is FIXED TAKEOFF ORDER. The first person is chosen at random, thereafter in competitor number order.

There will be no more than six pilots in the deck at any one time. As soon as a pilot has taken off, (and there is 5 pilots on the deck) the next pilot in order may enter the deck to prepare for takeoff.

Pilots may not take off until the signal is given by the marshal.

The pilot must be ready to take off before the sixth pilot in order after him is ready to take off or a 20% penalty will apply.

If a marshal considers a pilot to be causing unreasonable delay (has been on the deck more than 30 minutes with the opportunity to take off), a 20% penalty will apply.

The first 6 pilots must be ready to takeoff from 12:15

Special rules

Each pilot will fly the "Fast" leg first.

For each leg, the clock starts the moment the pilot passes the first gate and stops the moment he passes the second.

If the pilot or any part of his PPG touches the ground during the first leg: $VP_1 = \text{zero}$ and $EP = \text{zero}$

If the pilot or any part of his PPG touches the ground during the second leg: $VP_2 = \text{zero}$ and $EP = \text{zero}$

If the pilot zigzags or if the body of the pilot overflies a side of the course or exceeds 2m above ground *: Score zero.

The maximum time allowed for a pilot to complete each leg of the course is 5 minutes.

Failure to takeoff or land entirely in the deck: 20% penalty.

Scoring

$$\text{Pilot score} = \left(125 \times \frac{V_{p1}}{V_{\max}}\right) + \left(125 \times \frac{V_{\min}}{V_{p2}}\right) + \left(250 \times \frac{E_p}{E_{\max}}\right)$$

Where: V_{\max} = The highest speed achieved in the task, in Km/H
 V_{p1} = The speed of the pilot in Km/H in the first leg of the task
 V_{\min} = The lowest speed achieved in the task, in Km/H
 V_{p2} = The speed of the pilot in Km/H in the second leg of the task
 E_p = The difference between the pilot's slowest and fastest speeds, in Km/H
 E_{\max} = The maximum difference between slowest and fastest speeds, in Km/H

* This task shall be undertaken at very low level. If the pilot rises above 2m, AND it was clear that the cause was exclusively meteorological, AND it is clear that the competitor subsequently made IMMEDIATE and SUCCESSFUL action to return to the prescribed height eg by reducing throttle, then a penalty will not be applied.