P Pure navigation (distance)

Key information

Task sheet. Edition 1

This is as task 3.A1 in the task catalogue

Task type: Navigation; flight recorders required, electronic devices check required.

Complete task brief: This task sheet, task information sheet, electronic devices check procedure, flight recorder check procedure.

Information which will be provided before the briefing

Briefing time & location.

Task information publish time.

Task window open and close times.

IP, turnpoints and FP gate locations.

No-fly zones.

Takeoff and landing deck assignments.

Flight recorder and electronic equipment return deadline.

Objective

To fly the greatest possible distance between as many turn points as possible within the time window and return to the deck.

Description

Pilots must have completed the electrical equipment check procedure **before** aircraft are placed on the takeoff deck.

Free take-off within the time window.

Distance is measured from the IP gate, via the turnpoints visited by the pilot, to the FP gate.

Pilot flies through the IP gate to start the distance.

All turnpoints are optional and may be visited in any order, the FIRST time a turnpoint is visited is the one which is scored.

If a turnpoint is visited again more than five minutes after the time of the first visit then the pilot does not score that turnpoint at all. (The time is taken at the point when the pilot was nearest the centre of the turnpoint.)

Pilot flies through the FP gate to end the distance.

Upon landing, all pilots must proceed immediately to the electrical equipment and flight recorder checks.

Penalties

20% task score
- Failure to meet the electrical equipment or flight recorder return deadline.
- Miss the IP or FP gates.

Zero task score
- Takeoff or land outside the task window.
- Land out.
- Flight in a no-fly zone.
- Failing to provide a flight recorder track
- Failing to retrieve the electronic devices declaration sheet.

Scoring

Pilot score = $1000 \times \dfrac{NBp}{NBmax}$

Where: NBp = the distance flown by the pilot in the task.

NBMax = the maximum distance flown in the task.