N Economy & Navigation

Key information

Task sheet. Edition 2

This is similar to task 3.B3 in the task catalogue

Task type: Economy; Fuel controlled before takeoff, flight recorders NOT required, electronic devices check required.

Complete task brief: This task sheet, task information sheet, fuel control procedure, electronic devices check procedure.

Information which will be provided before the briefing

Briefing time & location.

Task information publish time.

Fuel quantities, control period and inspection schedule.

Task window open and close times.

Example of a photo sheet, number of A4 photo sheets which will be issued.

IP gate location, Task course, FP gate location.

No-fly zones.

Takeoff deck assignments.

Landing deck location (which might be at a remote airfield).

Electronic equipment return deadline.

Objective

To take off with a given quantity of fuel, locate an unknown number of photos along a route and land on the deck.

Overview

A course to be flown will be provided in advance. Sheets containing 8 – 16 aerial photos of are provided to pilots immediately before takeoff. Pilots fly the given course and identify the locations of as many of the photos which are within 200m of the course as possible. Some photos may be more than 200m from the course, these are to be **ignored**. Pilots are considered to be in quarantine from the moment they receive their photo sheets until their map check is completed.

Description

Teams proceed to the fuel control area and do the fuel control procedure.

Pilots must have completed the electrical equipment check procedure **before** aircraft are removed from the secure area.

When pilots enter the secure area to collect their aircraft for departure, they will be given the photo sheet(s) and they must proceed immediately to their takeoff deck. While in possession of a photo sheet Pilots will NOT communicate with other pilots or team members without the express permission of a marshal.

Free take-off within the time window.

Pilot flies to the IP gate to start the course. The exact location of any photo found to be within 200m of the course is to be recorded by the pilot.

The pilot may fly directly to the landing deck from any point along the course.

Upon landing, pilots prepare their map and then proceed immediately to the map check. The map check is a simple matter of overlaying the pilot's map with a transparent master. Every photo location recorded by the pilot within 2mm (200m) of the correct location on the master overlay will be scored +1. Every point recorded by the pilot further than 2mm (200m) from the correct location on the master overlay, or any photo which was more than 200m of the course, will be scored -1.

Before the map check, communication with other pilots or team members is not permitted without the express permission of a marshal.

After the map check, pilots must complete the fuel tank seal and electrical equipment checks.

Penalties

20% task score

- Late for fuel control.

- Failure to meet the electrical equipment return deadline.

Zero task score

- Unauthorized interference with an aircraft in the secure area.
- Takeoff or land outside the task window.
- Land out.
- Broken fuel tank seal.
- Flight in a no-fly zone.
- Unauthorized communication whilst in quarantine.
- Failing to retrieve the electronic devices declaration sheet.

Scoring

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

Where:

NBp = The number of photos correctly identified by the pilot.

NBmax = The maximum number of correctly identified photos.