

# FDP Calculator – User Guide

The **FDP Calculator** is a simple tool designed to help plan crew duties in accordance with PECOTOX AIR Flight Time Limitations (FTL).

The application consists of two main tabs: **SIMPLE** and **SCHEDULE**.

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## 1. SIMPLE Tab

Use this tab to quickly calculate the permitted FDP based on basic duty parameters.

**Note:** All times are displayed in **Local Time (LT)** according to the crew's acclimatized time zone.

### Input Fields

- **Start of Duty** – Reporting time for the duty.
- **No. of Planned Sectors** – Total number of sectors planned for the duty.
- **Split Start** – STA of the flight before the split (if Brake for more than 4 hours is planned).
- **Split End** – STD of the flight after the split.

### Results Provided

The calculator displays several Maximum FDP variations:

- **Basic (Standard Crew)** – Maximum FDP for standard crew (OMA 7.8.1).
  - **With Extension** – Maximum FDP with allowable extension (OMA 7.8.3).
  - **Split** – Maximum FDP with Split Duty extension (OMA 7.11).
  - **Crew+ (3,4)** – Maximum FDP for augmented crew (OMA 7.8.4).
  - **Latest Time ON BLOCK** – Latest allowed end-of-FDP time (ON BLOCK of final sector).
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## 2. SCHEDULE Tab

Use this tab to calculate FDP based on a complete flight schedule.

It allows quick planning when multiple sectors need to be assessed.

### Steps

#### 1. Set Home Base Offset

This is the difference between Home Base local time and UTC.

Default value: **+4:00 (UAE)**.

#### 2. Enter Flight Schedule

- Insert **STD** and **STA** in UTC only.
- Add a leg with “**+ Add Leg**”.
- Remove a leg with the “**X**” button.

As you enter the schedule, the application automatically shows the timeline converted into **Home Base Local Time** below the “Calculate” button.

#### **Important Note**

Only the break **between the last two sectors** can be considered for Split Duty, even if additional breaks exist in the schedule.

#### **Results Provided**

- **FDP Records Table**  
Similar to Journey Log entries, showing both UTC and LT, including calculated FDP.
- **MAX FDP / Latest Time ON BLOCK Table**  
Same results as in the SIMPLE tab, but **Latest Time ON BLOCK** is shown in **UTC**.