Pecotox Air - FDP Calculator - User Guide
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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 the 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 **"+ Add Leg"** 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.
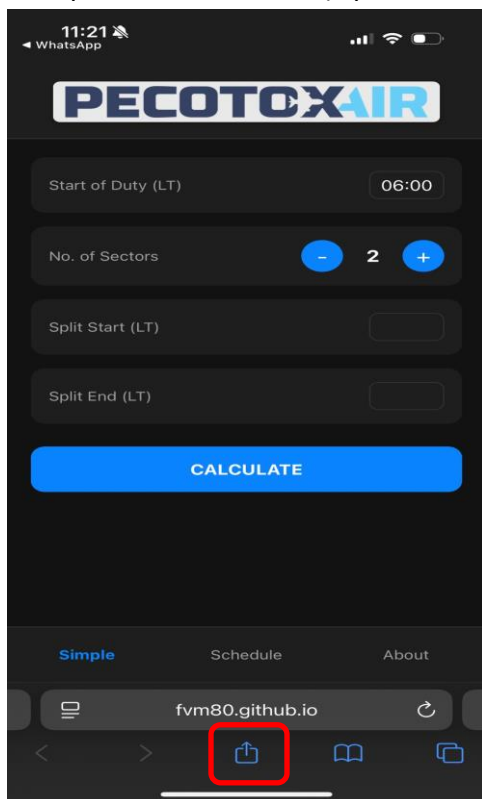
Results Provided
- **FDP Records Table**
  Similar to Journey Log entries, showing both **UTC** and **LT**, including calculated FDP.
- **MAX FDP / Latest Time ON BLOCK Table**
  Same results as in the SIMPLE tab, but **Latest Time ON BLOCK** is shown in **UTC**.
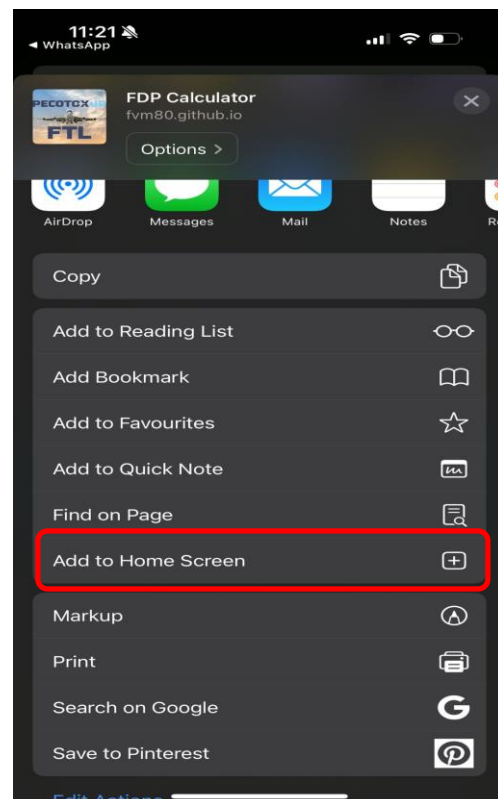

Installation Guide (iOS & Android)

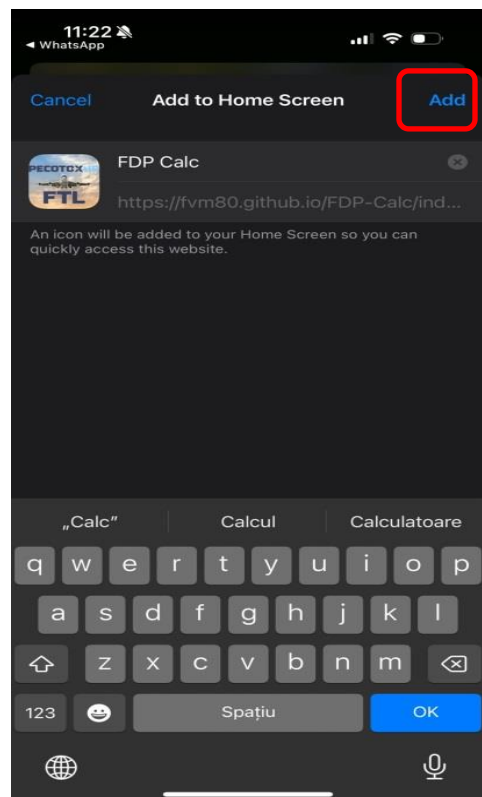**Installing on iOS (iPhone / iPad):**

1. Open application in Safari on your device.

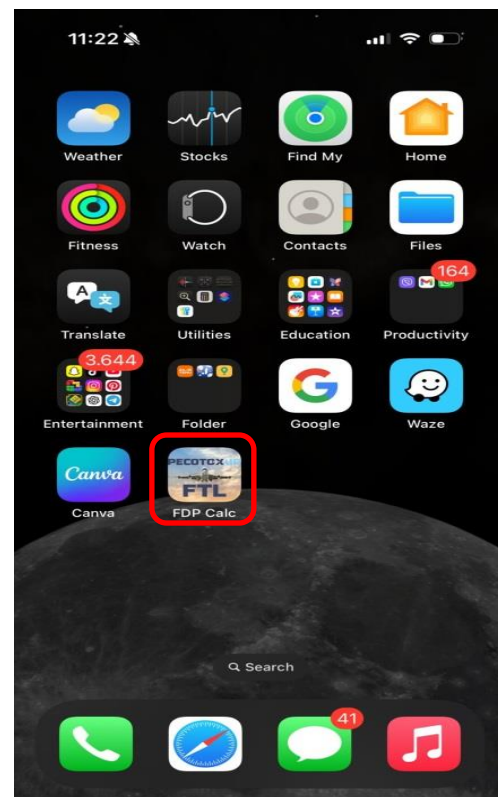2. Tap the Share button (square with an upward arrow).

3. Select "Add to Home Screen"
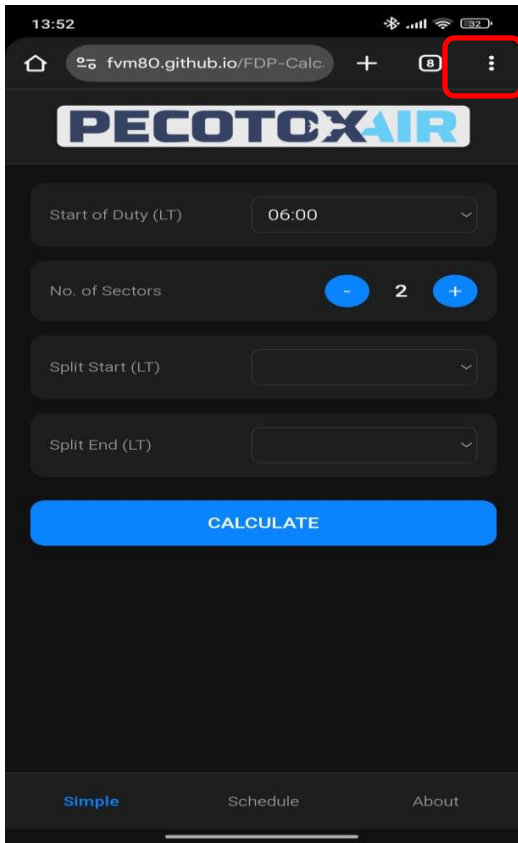
4. Tap "Add" to confirm.
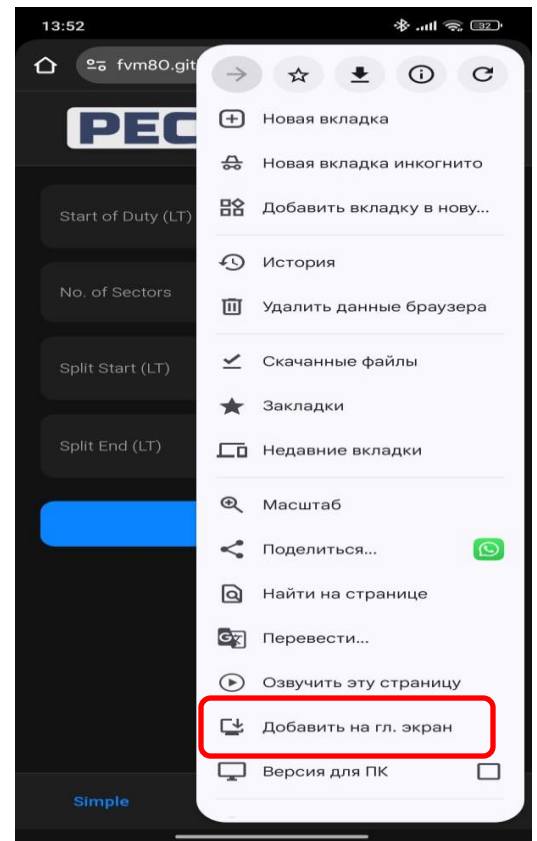
5. The app icon will appear on your home screen.

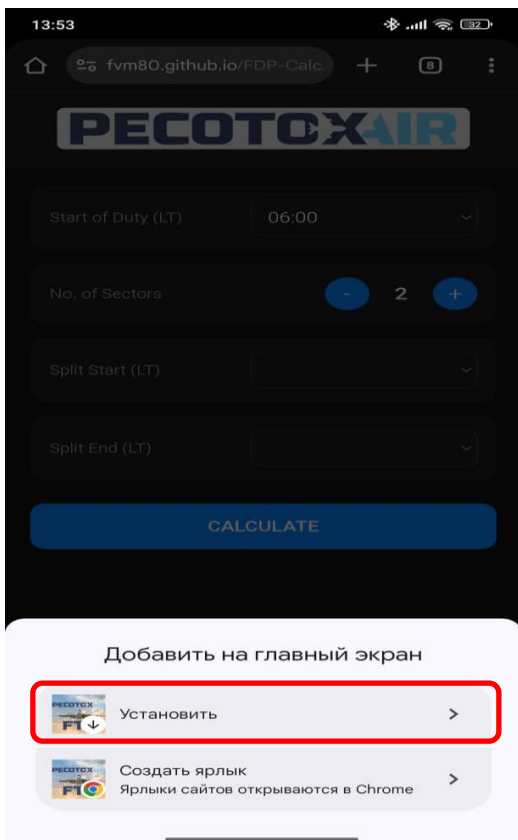**Installing on Android:**

1. Open application in Chrome on your device.

2. Open the Chrome menu (⋮).   3. Select "Add to Home Screen".

4. Confirm installation.   5. The app will appear like a native application.