

FV-Aero Pilot Toolkit

User Guide & Instructions

Preflight checklists & digital logbook for pilots & drone operators

What This App Does

The FV-Aero Pilot Toolkit is a free web app that gives you two things in one place: **(1)** interactive preflight inspection checklists and **(2)** a digital pilot logbook. It works for both manned-aircraft pilots and drone (sUAS) operators, and runs in any modern browser on a phone, tablet, or computer — nothing to install.

No account needed to use the checklists

You can run a full preflight checklist without signing in. Signing in is only needed if you want your logbook entries to sync across devices.

1. Getting Started

1. Open the app at finesseaeropilottoolkit.netlify.app.
2. On the home screen you'll see the toolkit menu. Tap **Pilot Logbook** to open the logbook, or choose a checklist to begin a preflight inspection.
3. (Optional) Tap **Sign In** and enter your email and password to create an account or log in. This lets your logbook entries sync so they're there on any device.

2. Using the Preflight Checklists

The toolkit includes two preflight inspections. Pick the one that matches what you're flying:

- **Cessna 172N — Preflight Inspection** (manned aircraft): walks you station-by-station through Cabin, Empennage, Right Wing, Nose, Left Wing, and the leading/trailing edges.
- **sUAS Preflight Inspection** (drone): covers Documentation & Airspace, Airframe & Propulsion, Battery & Power, Control Link & Software, Camera & Gimbal, Site & Safety, and Final Pre-Launch Checks.

To run a checklist:

1. Select the aircraft type — **Manned Aircraft** or **Drone / sUAS**.
2. Work through each station/section, tapping items to check them off as you complete them.
3. Watch the progress bar at the top (it shows **0 / 0** counting up as you complete items).
4. If you need to start over, tap **Reset checklist**.

Checklist data stays on your device

Checklist progress is saved only on the device you're using — it's not uploaded anywhere. If you switch devices or clear your browser data, the checklist resets.

3. Saving & Sharing Your Preflight Results

When you finish a checklist you can keep or share the results three ways:

- **Email Preflight Report** — enter a **Tail Number / Aircraft ID** and a recipient email, then tap the button. It opens your mail app with the full station-by-station results already filled in — just hit send.
- **Copy Report as Text** — copies the complete report to your clipboard so you can paste it into a message, note, or document.
- **Save to Pilot Logbook** — adds the completed inspection to your digital logbook (see next section).

4. The Pilot Logbook

The logbook records your flights. Tap **+ New Logbook Entry**, fill in the details, and tap **Save Entry**. The fields adjust to whether the flight was manned or a drone flight.

Field	What to enter
Date	Date of the flight.
Aircraft / Drone Make & Model	e.g. Cessna 172N or DJI Mini 4 Pro.
Tail Number / Registration / ID	Aircraft tail number or drone registration ID.
Route (From – To) / Flight Location	Departure–arrival for manned; location for drone.
Flight Duration / Total Time	Length of the flight.
PIC, Solo, Dual, Instrument, Night Time	Log the applicable time categories (manned).
Day / Night Landings	Count of landings (manned).
Instructor Name	If the flight was dual received.
Purpose / Remarks	What the flight was for and any notes.

Your running totals appear in the totals bar at the top of the logbook. You can **edit** or **Delete Entry** on any record. Sign in to keep entries synced; signed-out entries stay on the current device only.

5. Signing In (Optional)

- Tap **Sign In** and enter your email and a password to create an account, or sign back in.
- Signed-in logbook entries sync across your devices.
- Tap **Sign Out** anytime from the logbook screen.

6. Tips & Good Practice

- **Add it to your home screen.** On your phone, open the app and use your browser's "Add to Home Screen" so it launches like a native app at the field.
- **Do the checklist every flight.** The app is a memory aid — always also follow your aircraft's official POH/AFM or the drone manufacturer's manual.

- **Email yourself each report.** Sending the preflight report creates a dated record of your inspection for your own files.
- **Log right after you land.** Entries are most accurate when recorded immediately.

This toolkit is an aid and does not replace the official Pilot's Operating Handbook, FAA regulations (including Part 107 for sUAS), or manufacturer instructions. © FV Aero / Finesse Aero, LLC · fv-aero.com