

ENGINE OUT CHECKLIST



About EOC

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About the EOC App

The Engine Out Checklist (EOC) app is a cockpit-grade emergency aid designed to reduce pilot workload during an engine-out event. It provides a structured, step-by-step checklist that remains visible above all other apps, allowing the pilot to manage the emergency while maintaining access to navigation, weather, and situational-awareness tools.

The app does not replace aircraft-specific procedures or the Pilot's Operating Handbook. Instead, it serves as a rapid-access, high-visibility guide that helps ensure critical actions are completed in the correct order when time and workload are at their highest.

Primary Purposes

- **Provide a clear, distraction-free engine-out checklist** that is always visible, even when switching apps.
- **Support pilot decision-making** during high-stress situations such as restart attempts, forced landing planning, and airport-vs-off-airport selection.
- **Reduce cognitive load** by presenting one actionable item at a time with large, readable text.
- **Maintain situational awareness** by allowing the pilot to minimize the checklist and reference maps, weather, or avionics apps without losing progress.
- **Guide the pilot through branching emergency paths** (restart successful, restart failed, airport reachable, airport not reachable).

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Intended Use

The EOC app is designed for:

- Real-world engine-out emergencies
- Training, proficiency, and scenario practice
- Student pilot instruction
- Emergency procedure refreshers

What the App Does Not Do

- It does not override aircraft-specific procedures.
- It does not make decisions for the pilot.
- It does not access or record any information from other apps.
- It does not replace PIC authority or judgment.

The EOC app is a workload-reduction tool: a simple, reliable, always-visible guide to help pilots stay ahead of the airplane when seconds matter.

The EOC app does not tell you *how* to perform aircraft-specific procedures. It reminds you *what* you need to be thinking about.

You bring the technique — the app brings the structure.