Engine Out Checklist

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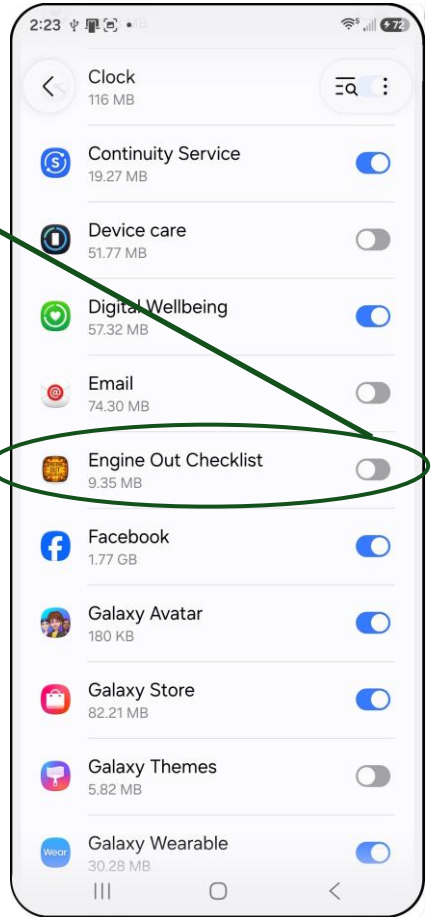
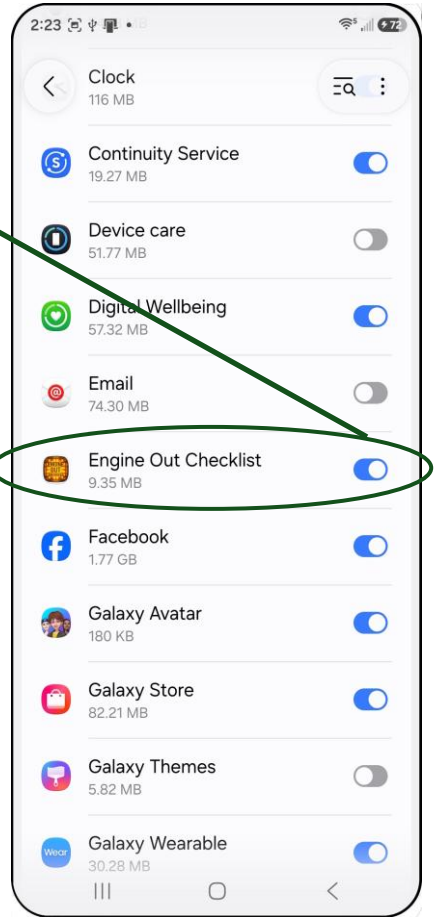
Engine Out Checklist

For the **Engine Out Checklist** to function as a cockpit tool, it needs permission to keep its floating start button visible over all other screens. This permission is display-only — the app cannot see, record, or access anything underneath.



Turn the switch **ON** to allow the **EOC Start** button to float above other screens. This only needs to be done once after installation.



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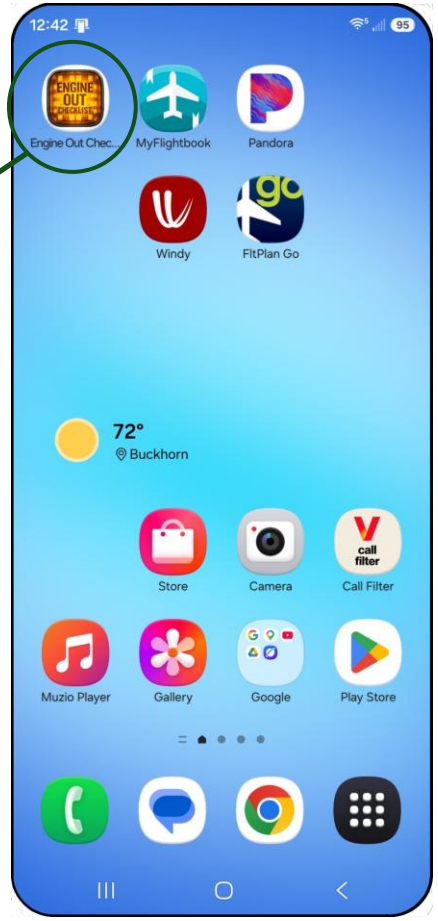
After installation, the **EOC** icon appears on your device. Double-tap the icon to activate the **EOC Start** button.



You can place the **EOC Start** button anywhere on your screen. Touch and drag it to reposition it — lift your finger and it stays put. Move it anytime you like.

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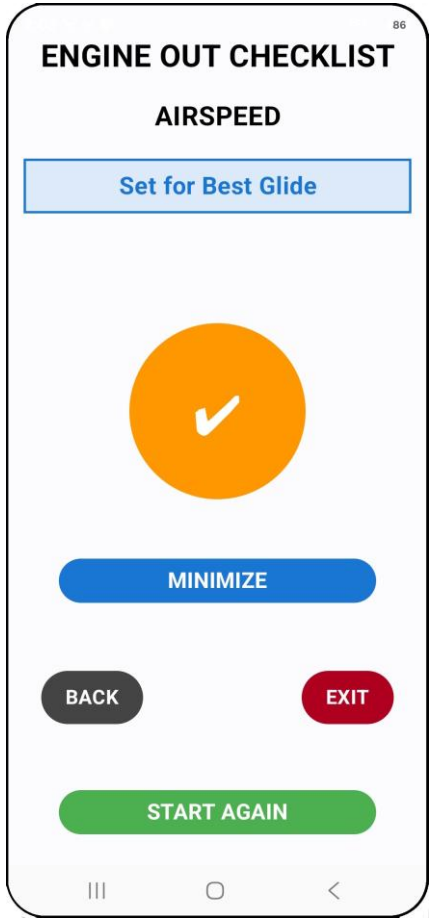
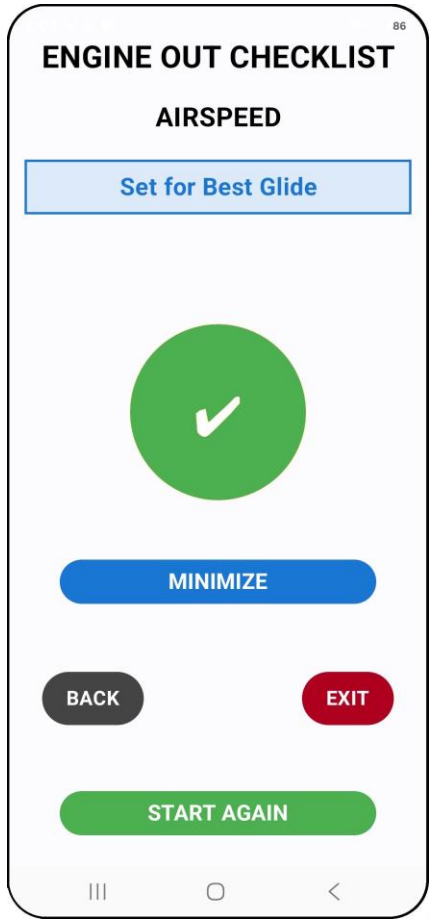
When you tap the **EOC Start** button, the first checklist item appears. In this example, the task is **AIRSPEED**, and the action needed, shown in the blue box is **Set for Best Glide**.
Tapping the checkmark button briefly turns it green to visually confirm your input, then advances to the next item.



Use **BACK** to return to the previous item.
Use **EXIT** to leave the program (a confirmation screen will appear).
Use **START AGAIN** to return to the first checklist item.
Use **MINIMIZE** to leave the **EOC** app and open a different app without losing your place in the checklist. This can be helpful if you want to, for instance, open a map application to look for airports, and then return to the checklist where you left off.



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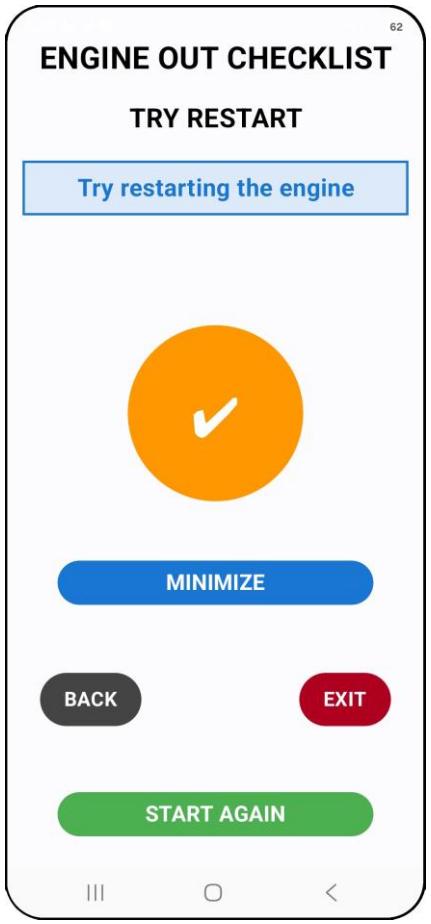
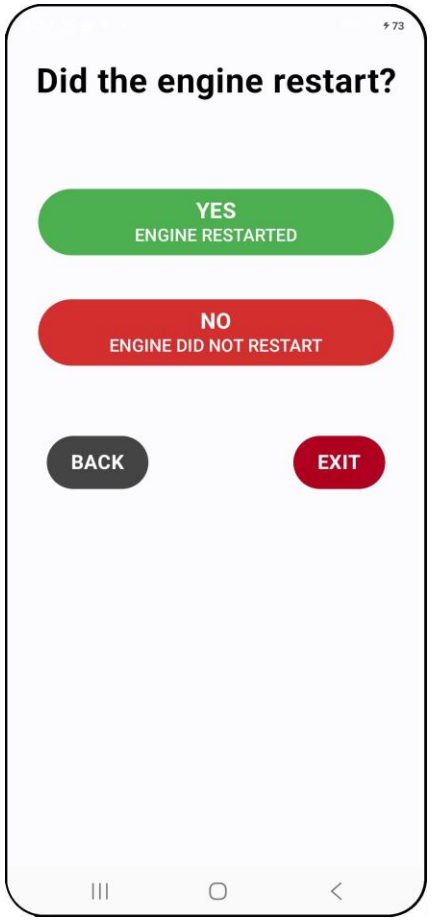
The final item in the checklist is **TRY RESTART**. After tapping the checkmark button, you'll be asked:
Did the engine restart?



Select **YES** or **NO** to continue to the appropriate next steps.

BACK and **EXIT**, work the same as on previous screens.



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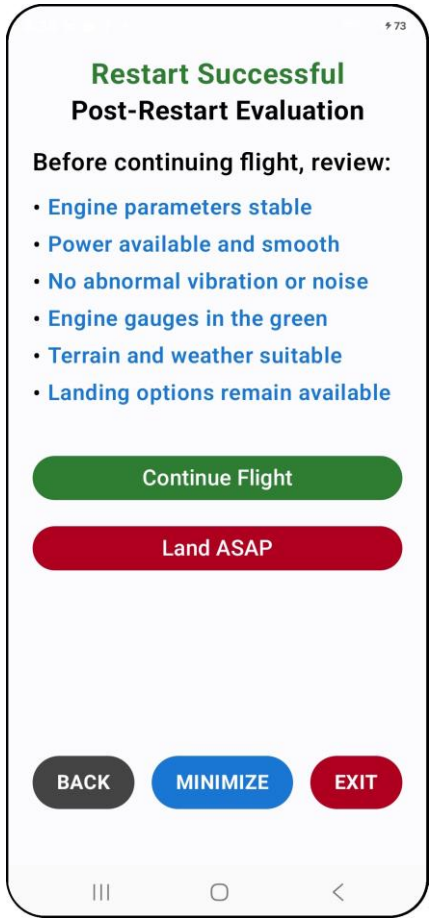
If you tapped **YES, (Engine Restarted)** the **Post-Restart Evaluation** screen appears. This page guides you through a structured assessment to confirm the engine is truly stable before continuing the flight.

Before proceeding, review the following items:

- **Engine parameters stable** RPM, manifold pressure, fuel flow, and temperature indications should be normal and steady.
- **Power available and smooth** Throttle response should be immediate and consistent, with no hesitation or surging.
- **No abnormal vibration or noise** The engine should run smoothly without roughness, knocking, or unusual sounds.



- **Engine gauges in the green** Oil pressure, oil temperature, electrical system, and fuel indications should all be within normal operating ranges.
- **Terrain and weather suitable** Ensure you have adequate altitude, visibility, and terrain clearance for continued flight.
- **Landing options remain available** A suitable landing site should still be within gliding distance in case the engine degrades again.

Continue Flight moves you into normal engine monitoring. **Land ASAP** directs you to the landing-decision workflow. **BACK**, **MINIMIZE**, and **EXIT** function the same as on previous screens.

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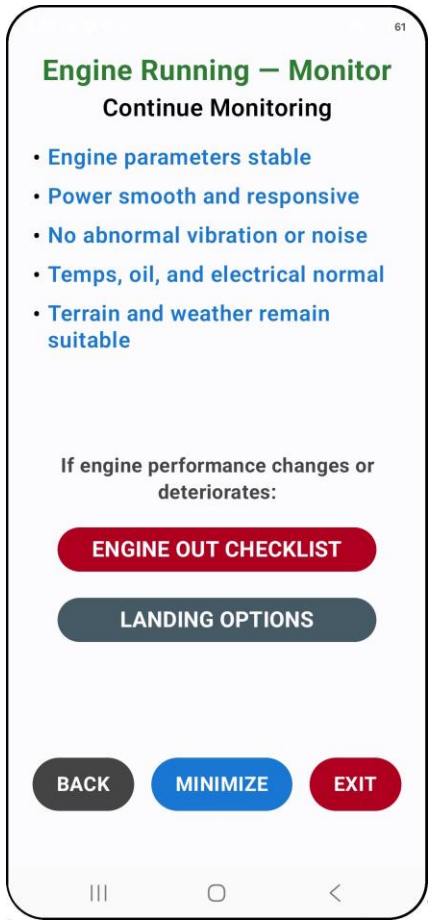
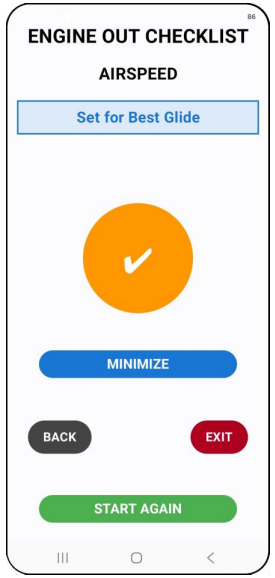
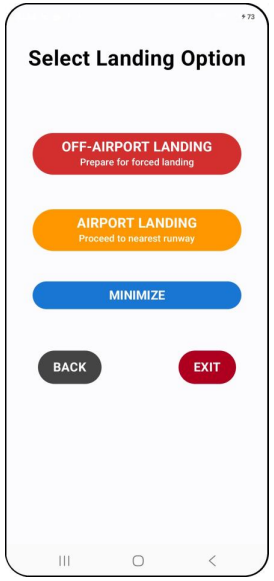
If you decided to **Continue Flight**, the **Engine Running – Monitor** screen appears. This page helps you maintain situational awareness while assessing whether the engine remains healthy.



Continue monitoring the engine, and should the performance deteriorate or change, select **ENGINE OUT CHECKLIST** to re-enter the emergency procedures or select **LANDING OPTIONS** to review your choices. **BACK**, **MINIMIZE**, and **EXIT** work the same as on previous screens.





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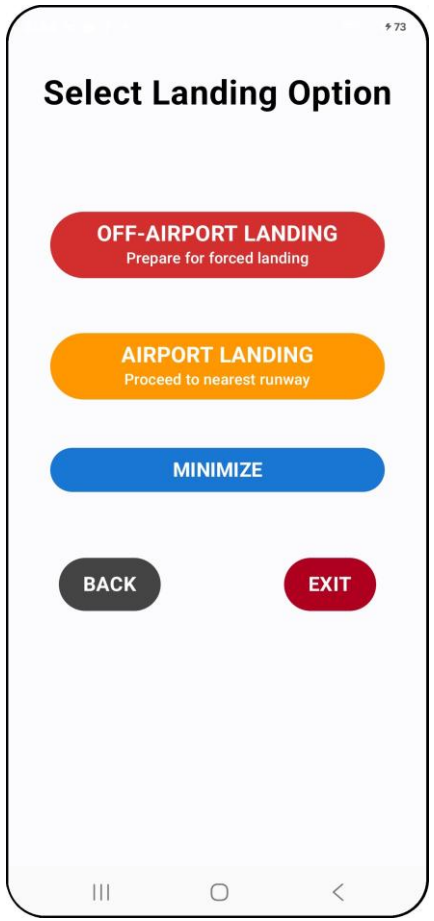
If you tapped **NO, (Engine did not restart)** the **Select Landing Option** screen appears with **OFF-AIRPORT LANDING** and **AIRPORT LANDING** buttons available. These options are typically dependent on altitude and proximity to a suitable airport.

OFF-AIRPORT LANDING

- No runway is within safe gliding distance
- Terrain ahead is more suitable than attempting to stretch the glide
- You are below a safe altitude to maneuver toward an airport
- Weather, wind, or obstacles make an airport unreachable



AIRPORT LANDING

- A runway is within gliding distance
- You have sufficient altitude to maneuver
- Winds, terrain, and weather support reaching an airport
- You have a clear, safe path to the runway environment

BACK, **MINIMIZE**, and **EXIT** function the same as on previous screens.

These checklist are designed to reduce workload and ensure nothing critical is missed during a forced landing.