

X-Plane 12 Baron 58 Complex & Multi-Engine Checkride Challenge

Pilot Name: _____

Date: _____

Pre-Flight & Ground Checks

- ☐ Walkaround and external inspection complete
- ☐ Fuel quantity and balance verified
- ☐ Weight and balance within limits
- ☐ Weather and NOTAMs checked
- ☐ Mixture, throttle, and prop set for engine start
- ☐ Engine start (both engines)
- ☐ Alternators and avionics on
- ☐ Radios and navigation set
- ☐ Taxi with differential thrust/brake
- ☐ Run-up complete (mag check, prop cycle, alternate air)
- ☐ Takeoff briefing complete

Normal Takeoff

- ☐ Flaps up
- ☐ Full throttle and prop forward (watch MAP and RPM)
- ☐ Maintain centerline, rotate at V_r
- ☐ Positive rate, gear up
- ☐ Climb at V_y (best single-engine rate)

Simulated Engine Failure (at 3,000 ft AGL)

- ☐ Recognize engine failure (yaw, noise, performance drop)
- ☐ Maintain directional control with rudder
- ☐ Identify dead engine ('Dead foot = dead engine')
- ☐ Verify with throttle/prop
- ☐ Feather prop on dead engine
- ☐ Secure engine: mixture, prop, throttle, fuel, mags, alternator
- ☐ Maintain V_y

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Single-Engine Pattern & Landing

- ☐ Descend and enter pattern at TPA
- ☐ Brief final approach and landing
- ☐ Gear down only when landing assured
- ☐ Flaps as needed
- ☐ Approach speed adjusted for single engine
- ☐ Maintain directional control during landing
- ☐ Smooth touchdown on centerline

Optional Bonus: Single-Engine Go-Around

- ☐ Apply full power on operating engine
- ☐ Flaps to takeoff or up
- ☐ Positive rate, gear up
- ☐ Maintain Vyse
- ☐ Climb out, re-enter pattern or continue

Post-Flight

- ☐ Taxi back and shut down
- ☐ Engine cooling respected
- ☐ Log checkride attempt in simulator logbook
- ☐ Debrief: What went well? What to improve?

Checkride Complete? ☐ Yes ☐ No

Would you pass an FAA checkride today? Reflect and review!