

BSA Drones

Standard Postflight Checklist

Drone pilots should go through this checklist every time they finish flying their drone.

Shutdown

- **Disarm your drone:** Disarm the drone on landing via the arm/disarm switch on the RC controller or in the Drone app.
- **Record any notes from your flight** - problems encountered, things to practice more, new skills developed. These can be captured on your flight plan and/or in the Drone App in the drone flight log function
- **Close out Flight:** Download your flight log.
- **Shut Down:** Disconnect the batteries and close the app. Turn your RC controller off.
- **Inspect the Battery:** Remove the drone battery, inspect it for any swelling, discoloration, or anything unusual. If you see something, mark the battery as suspect and consider getting a new battery.
- **Clean up Flight Areas:** Remove any markings and clean up your flight area - leave no trace - it should be cleaner than when you arrived!
- **Pack Drone & Controller:** Clean the camera lens with microfiber cloth, clamp any camera gimbals and put the lens cap back on if you have a camera with a lens cap. Allow the battery and motors to cool down and then put your drone and controller away.
- **Annotate Flight Plan:** Make notes on your flight plan for future corrections and use.

Inspection & Cleaning

- Inspect your drone - looking for any loose parts, loose fasteners, broken parts, or other damage. If you can fix anything in the field, do so before you put the drone away, or mark the drone with tape or a note listing what needs to be done before it can fly again.
- Propellers and Propulsion
 - Check for cracks and chips to props
 - Check that the motors spin freely. There should be no grinding, difficulty turning and the motors should be tightly connected to the airframe.
- - Battery connectors, ESC connectors... no frayed wiring or disconnected sections.
- - Airframe cracks and damage, broken or missing rubber bands
- Wait at least 30 minutes or until your battery is cool to the touch before recharging it.
- Wipe down your drone.
- Pack your drone and controller safely to transport them.