



2 - In Shop Pre-Flight

This guide will step through all required In-shop pre-flight checklist items.

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ASW
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HLM Checklists – Pixhawk 2.1 – V1.5 – 18Jun18
Please Reference HLM Guides at: https://asw.dozuki.com/c/Heavy_Lift_Multirotor_Quick_Start

In Shop

Item(s)	Action(s)
Main Batteries	Charged
	Packed
Safety Transmitter	Charged
	Packed
GCS Computer	Charged
	Maps Prefetched
	Packed
GCS C2 Modem	Packed
	Visually Inspected
Aircraft - frame, ldg gear (LG), arms, arm screws	Maintenance Logs Checked
	Packed
Props - if stored separately	Packed
Field AC Power - if applicable	Packed
Tools - LG attach, arm attach, other	Packed
Spares - prop pairs, arms, LG, other	Packed
Payload Specific Equipment - if applicable	Prepped, Charged, Packed - as applicable

Mission Planning

Item(s)	Action(s)
Mission Profile	Home Location Updated
	Takeoff WP Added, Altitude Set
	All Mission Elements Planned
	Payload Control Planned - if applicable
	RTL Paths Clear
	Landing Planned (Land or RTL)
Mission Prebrief	Contingencies Planned
	Conducted

Assembly

Item(s)	Action(s)
Main Batteries	Mounted, Secured
Landing Gear	Attached, Screws Tightened
Arms	Attached, Screws Tightened
Payload - if applicable	Mounted, Secured
Aircraft C2 Antenna	Checked, Secured
Motors	Spin Freely
	Propeller directions correct
	Mount Screws Secure (torque indicator)
Frame	Critical Hardware Secure (torque indicator)
Payload - if applicable	Prepared

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Step 1 — Main Batteries



- Ensure that main batteries are fully charged
- Ensure that main batteries are packed
- ⓘ There are two battery configurations, Li-Ion and Li-Po. Please ensure that you charge and pack the correct battery packs.

Step 2 — Safety Transmitter



- Ensure that the Safety Transmitter is charged
- Ensure that the Safety Transmitter is packed

Step 3 — GCS Computer & C2 Modem



- Ensure that the GCS computer is charged
- Ensure that maps have been prefetched
- Ensure that the GCS computer is packed
- Ensure that the GCS C2 Modem is packed

Step 4 — Aircraft



- Visually inspect aircraft frame, landing gear, arms, and arm screws
- Ensure that maintenance logs have been checked
- Ensure that the aircraft is packed
- Ensure that propellers, if stored separately, are packed

Step 5 — Field Power, Tools, Equipment



- If applicable, ensure that field power is packed
- Ensure all required tools are packed
- Ensure all spare equipment is packed
- Ensure any payload specific equipment is packed