Fixed Wing Pilot Checklist 0.2

PREFLIGHT

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| **FREQUENCIES**  Pixhawk Radios\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_950MHz  Pixhawk Channel\_\_\_\_\_\_\_\_\_\_MATCH UAV  RC Transmitter\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2.4GHz  **AIRCRAFT PREFLIGHT**  General Condition\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CHECK  Trasmitter\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ON  Transmitter Battery Voltage\_\_\_\_\_> 7.4V  Transmitter Model Select\_\_MATCH UAV  Battery\_\_\_\_\_\_\_\_\_\_SECURE, PLUGGED IN  Battery Voltage\_\_\_\_\_\_\_\_\_CHECK, >11.5V  Payload\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SECURED  Payload Function\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CHECK  Other Items\_\_\_SECURED OR REMOVED  Shake Check\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERFORMED  Control Surfaces \_\_CHECK MOVEMENT AND DIRECTION  CG Check\_\_\_\_\_\_\_\_\_\_30+-15% down wing  Sun Direction\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CHECK  GC Preflight\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_COMPLETE  Failsafes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DISABLE  (temporary until RTL tested)  Arm/Disarm\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CHECK  Brief Flight Plan w/ GC\_\_\_\_\_\_\_PERFORM | **TAKE OFF**  Preflight\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_COMPLETE  Flight Briefing\_\_\_\_\_\_\_\_\_\_\_\_COMPLETE  Propellers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLEAR  Takeoff Area\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLEAR  Personnel\_\_\_\_\_\_\_\_\_\_\_\_READY, AWARE  Flight Mode\_\_\_\_\_\_\_\_\_\_\_\_MANUAL: E↓  Throttle\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DOWN  Battery\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CONNECT  GC Takeoff\_\_\_COMPLETE CHECKLIST  Announce\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”Arming”  Transmitter\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ARM  Announce\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”Flying” | **AFTER LANDING**  Transmitter\_\_\_\_\_\_\_\_\_\_\_\_\_\_DISARM  Throttle\_\_\_\_\_\_\_BLIP TO CONFIRM DISARM  Announce\_\_\_\_\_\_\_\_\_\_\_\_”Disarmed”  Reset Button\_\_\_\_\_\_\_\_\_\_\_\_PRESSED  Battery\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_UNPLUG  Transmitter\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_OFF |