



PREFLIGHT CHECKLIST

ENVIRONMENTAL

- Check for people, animals, property in the flight vicinity.
- Notify any bystanders or nearby property owner of your intentions.
- If flying FPV, discuss flight plan with your check-pilot.
- If flying in controlled airspace, notify airspace authority of your intentions.
- First Aid / Safety Kit on hand, stocked, readily accessible, and visible to anyone in the area

HARDWARE / EQUIPMENT

::VISUALLY INSPECT THE AIRFRAME ::

- Cracks (especially in high stress areas like joints).
- Loose or damaged screws / fasteners / bands / straps / ties
- Loose or damaged wiring.
- Loose or damaged connections (solder, plugs, etc).
- Inspect prop mounts & screws & apply slight counter pressure on arms to check for loosened construction.
- For FPV, inspect/clean FPV and/or Gopro camera lens and ensure that cameras are secured.
- Battery/batteries fully charged, properly seated & secured.
- Remove props and test fail-safe behavior (if applicable).
- Props are smooth and free of damage/defect (check blade, surface, & hub).
- Tighten prop adapters (careful not to over tighten which may damage prop).
- Ensure voltage alarm is connected.
- Ensure arming/idle timeout is properly configured (6-15 seconds is generally acceptable).
- Check whether the right model is selected in the transmitter (if applicable).
- Check your RC transmitter shows the right range and centering for all sticks.
- If desired, perform range test.

PRE-FLIGHT

::POWER UP::

- Batteries charged & secured.
- Position quad in a level, safe location for takeoff.
- For FPV, power up ground station, video receiver, goggles, etc.
- If using onboard video recorder (i.e., Gopro), turn on camera.
- All transmitter controls move freely in all directions.
- All transmitter trims in its neutral position.
- All transmitter switches in correct position (typically away).
- Transmitter throttle to zero.
- Radio transmitter on.
- Connect/power on battery to airframe.
- Ensure led indicators & audible tones are all correct.
- Timer on (if applicable).
- For FPV, check video in goggles.
- Scan for nearby people or animals.
- Stand clear - audibly, loudly announce the word "CLEAR!"
- Arm flight controller.

::PRE TAKEOFF::

- Increase throttle slightly listening for any abnormalities.
- Short 20-30 second hover at 3-5 feet (listen for any weird vibrations or anything that sounds loose).



PILOT LOGBOOK INSTRUCTIONS

Objective: to record flight experiences with simulators and actual aircraft

DATE – Date equipment was operated.

EQUIPMENT – Description of equipment used.

LOS/EP – Check box if flight was primarily Line Of Sight (LOS) as an External Pilot (EP).

FPV/IP – Check box if flight was primarily First Person View (FPV) as an Internal Pilot (IP).

IP – Check box if flight was primarily as an Internal Pilot of a Remotely Piloted Vehicle (RPV) or using an AutoPilot System and not using FPV.

SIMULATOR TIME – ALL time are in hours and tenths of hours. Split time for fixed wing and rotary wing.

FIXED WING #TO/Time – Actual aircraft (not simulation). Number of take offs. Total amount of time in hours and tenths of hours of actual flight time as primary pilot of **FIXED** wing aircraft. Make separate entry for different aircraft. Accumulate the information daily. It is not necessary to report each flight separately.

ROTORY WING #TO/Time – Actual aircraft (not simulation). Number of take offs. Total amount of time in hours and tenths of hours of actual flight time as primary pilot of **ROTORY** wing aircraft. Make separate entry for different aircraft. Accumulate the information daily. It is not necessary to report each flight separately.

TOTAL THIS PAGE – Total the amounts in each column for this page only in the appropriate box. For the columns LOS/EP, FPV/IP and IP total the amount of hours for each type of pilot operation so that others can see at a glance the amount of hours accumulated for each.

TOTAL ALL PAGES – Total the amounts in each column for all previous pages and including this page to show your total numbers as a pilot.



PILOT LOGBOOK

PILOT: _____

Page: _____ of _____



MAINTENANCE LOGBOOK

PILOT:

Page: _____ of _____