



UAV PRE-FLIGHT CHECK LIST

Mission Type:

- Search
- Rescue
- Reconnaissance

Mode of Operation:

- Emergency
- Training
- Recovery

Platform Type: _____

PRE-FLIGHT CHECKS

- | | |
|--|---|
| <ul style="list-style-type: none"> ➤ Weather <ul style="list-style-type: none"> ○ Current/Projected ➤ Map of Area / Walk Around ➤ Takeoff and Landing Site Identified | <ul style="list-style-type: none"> ➤ Hazards Identified ➤ Safety Zone Identified ➤ Flight Plan ➤ Flight Parameters ➤ Projected Flight Time |
|--|---|

Risk Assessment

GREEN 0 – 23 = **Low** (Pilot in training w mentor)
AMBER 24 – 44 = **Caution** (Trained Pilot)
RED 45 – 60 = **High Risk** (Season Pilot or No Go)

1= Best Case 10= Worst Case

Supervision	1	2	3	4	5	6	7	8	9	10	Environment	1	2	3	4	5	6	7	8	9	10
Planning	1	2	3	4	5	6	7	8	9	10	Equipment	1	2	3	4	5	6	7	8	9	10
Pilot Selection	1	2	3	4	5	6	7	8	9	10	Evolution Complexity	1	2	3	4	5	6	7	8	9	10

Total Score _____



UAV Preflight Check List:

 X

- Check General Condition of UAV for Damage _____
- Check Props _____
- UAV Batteries Charged _____
- Insert UAV Battery _____
- Tablet Batteries Charged _____
- Insert and Connect Tablet _____
- Transmitter Batteries Charged _____
- Total Battery Reserve Time Noted _____
- Camera Selected and Installed _____
- Camera Settings Adjusted _____
- SD Card Inserted _____
- UAV On Level Ground Away From Metal _____
- Good Power Up _____
- Good Connectivity Between All Devices _____
- Latest Firmware Updated _____
- Controller / IMU Calibration _____
- Gimbal Test _____
- Picture Test _____
- Film / Video Test _____
- Controller Stick Test _____
- GPS Lock _____
- Flight Spotter _____



In-Flight Checks:

Recorded by VO: X

- Start Timer _____
- Turn On UAV _____
- Update Home Point _____
- Take Off _____
- Hold Hover for 10 Seconds _____
- 360 L / R _____
- Forward / Backward 10 Feet _____
- Up Down 10 Feet _____
- All Systems Go _____
- Cleared for Flight _____
- Reassess All Systems Every 3-5 Minutes _____

Post Flight Checks:

- Power Down UAV _____
- Power Down Transmitter _____
- Check UAV for Damage _____
- Check Photos or Videos _____
- Upload or Transfer Data _____
- Log Flight _____
- Charge UAV, Transmitter and Tablet Batteries _____
- Store UAV for next Mission _____
- Complete Flight Log in Target Solutions _____