

These sample checklists can be used or modified according to operational needs.

## Checklists

	Flight number/Name		Date/Time:		
	Plan/Mission				
	Crew Names/ORM/IM SAFE				
1	RPIC				
2	Co-Pilot (if req'd)				
3	VO 1 (if req'd)				
4	VO 2 (if req'd)				
5	Student/Training Pilot/VO (if req'd)				
	Weather information				
1	%Cloud Cover (ceilings)				
2	Visibility		SM		
3	Temperature		Deg F		
4	Wind Direction				
5	Wind Intensity/Gust (if applicable)		Kts/Mph		
	Site Information				

1	Airspace type		B, C, D, E, G		
2	LAANC approval received (if req'd)		#		
3	State DOT approval (if req'd)		#		
4	Other notifications (if req'd)				
5	Checked NOTAMs/TFRs				
6	Prox. to nearest airport				
7	Prox. to crowds, animals, property				
8	Prox. to overhead obstructions				
9	T/O & land/emergency sites ident.				
10	Home point ident. and updated				
11	Safety signs, cones, PPE, pad placed				
	Documents				
1	RPIC cert and renewal		In possession		
2	sUAS registration		In possession		
3	Gov't issued photo ID		In possession		
4	Operational waiver (if applicable)		In possession		
5	COA (if applicable)		In possession		
6	DoD (if applicable)		In possession		
7	Aircraft/Pilot logbooks		Updated		
8	Time/Maintenance app		Synced		

	Crew Briefing				
1	Weather and airspace				
2	Comms procedures				
3	Flight plan				
4	All Contingencies				
5	Take off landing locations				
6	Questions/comments				
	Aircraft/GCS Visual Inspection				
1	Gimbal lock and lens		Removed cap & clean		
2	A/C Battery inspected		Contacts and structure		
3	GCS and A/C power		On		
4	Software/Firmware		Updated		
5	Remote ID Test		Passed		
6	Compass calibrated (if req'd)				
7	IMU calibrated (if req'd)				
8	Inspect frame for cracks, looseness		Clean		
9	Motors spin freely				
10	Props/hubs cracks or damage		Clean		
11	Skin delamination/cracking		Clean		

12	Loose hardware/fasteners				
13	Loose wires or parts				
14	A/C Batteries fully inserted/locked				
15	GCS/Tablet Battery charge level		Full		
16	A/C Battery charge level		Full		
17	A/C battery alerts		Set per range/winds		
18	Max altitude/RTH Altitude		Set per obstructions		
19	Loss Comms/RTH settings		Home-point or GCS		
20	Payload (if applicable)		Secured/armed		
21	A/C lighting (if req'd)				
22	Memory card		Installed/adequate		
	Pre-takeoff				
1	Connectivity/GPS signal strength		GCS check		
2	Camara settings		Adjusted		
3	VHF Radio (if req'd)				
4	2-way flight crew radio (if req'd)				
5	Cell phone conference call (if req'd)				
6	Inform/bystander safety				
7	360-degree airspace check		Climb/departure clear		
8	Time Check				

	Takeoff and Climb				
1	Low hover ops check (if req'd)		Rec. for first flight		
2	Manual t/o, land and stop (if req'd)		Rec. for first flight		
3	Flight plan upload (if applicable)				
4	360-degree airspace check		Climb/departure clear		
5	Wind Check				
6	Takeoff		Watch/listen/verify		
7	Climb out				
8	Scan instruments and sky				
9	Position report to crew (if req'd)				
	Enroute/Mission (loop)				
	Scan instruments and sky				
	Position report to crew (if req'd)				
	Decent and Landing				
1	360-degree airspace check		Approach/decent clear		
2	Scan instruments and sky				
3	Wind check				
4	Position report to crew (if req'd)				

5	LZ conditions/security/FOD		LZ clear		
6	Camera position		Full Forward		
7	Shutdown		Auto/stick		
8	Shutdown report to crew (if req'd)				
9	Time		Check		
10	A/C power		Off		
11	GCS power		Off		
	Post Flight				
1	Airspace release (if req'd)		coordinate		
2	Crew debriefed		Lessons learned		
3	Aircraft postflight inspection				
4	Maintenance discrepancies logged				
5	Time/maintenance app		Synced		
6	Batteries inspected and cooled				
7	Batteries charged if stored long		Above 10%		
8	Video/pictures		Downloaded		