

Completed	Item	Description	Flight Type	Notes
MISSION PLANNING				
<input type="checkbox"/>	Check Airspace	Review airspace via "visualize it"	All flights	
<input type="checkbox"/>	Airspace Approval	Request airspace approval if necessary	All flights	
<input type="checkbox"/>	DJI Flysafe	Unlock DJI Flysafe if necessary	All flights	
<input type="checkbox"/>	Check Weather	Weather ideal for flying and SOW / wind less than 20mph	All flights	
<input type="checkbox"/>	Check Cell Coverage	Review cell coverage map for your service provider	All flights	
<input type="checkbox"/>	Review SOW	Review and understand all details included in SOW	All flights	
<input type="checkbox"/>	Confirm POC	Reach out to POC prior to the day of operation	All flights	
<input type="checkbox"/>	Confirm Site Access	Confirm site access with your permissions	All flights	
<input type="checkbox"/>	Create Flight Plan	Create a flight plan that meets the standards of the SOW	All flights	
<input type="checkbox"/>	Check for Obstructions	Review the site via google earth for any potential obstructions	All flights	
PRIOR TO FLIGHT DATE				
<input type="checkbox"/>	Drone	Update drone and calibrate vision system if necessary	All flights	
<input type="checkbox"/>	R/C	Update / charge / calibrate if necessary	All flights	
<input type="checkbox"/>	Batteries	Update / charge drone and R/C batteries	All flights	
<input type="checkbox"/>	Payload/Camera/Sensor	Update / calibrate if necessary	All flights	
<input type="checkbox"/>	Laptop/Phone/Tablet	Update and charge laptop/phone/tablet	All flights	
<input type="checkbox"/>	Apps	All necessary apps are downloaded, updated, and compatible	All flights	
<input type="checkbox"/>	Hotspots	Update and charge hotspot	All flights	
<input type="checkbox"/>	RTK Antenna	Update and charge RTK antenna	All flights	
<input type="checkbox"/>	Anemometer	Update and charge anemometer	All flights	
<input type="checkbox"/>	Irradiance Meter	Update and charge Irradiance meter	Thermal	
<input type="checkbox"/>	Power Bank	Update and charge power bank	All flights	
EQUIPMENT LIST				
<input type="checkbox"/>	Drone	This includes propellers / legs / Antennas / Battery straps	All flights	
<input type="checkbox"/>	R/C	R/C and any attachments / mounts	All flights	
<input type="checkbox"/>	Payload/Camera/Sensor	This includes any antennas or mounts	All flights	
<input type="checkbox"/>	Batteries	This includes drone, R/C, and payload batteries	All flights	
<input type="checkbox"/>	Charging Docs	This includes any and all charging components related to drone	All flights	
<input type="checkbox"/>	Charging Cables	RC / tablet / laptop / power bank	All flights	
<input type="checkbox"/>	External Hard Drive	Preferably SSD	All flights	
<input type="checkbox"/>	Micro SD Cards	Multiple micro SD card / Ensure compatibility	All flights	
<input type="checkbox"/>	Laptop	Must meet standards for any softwares used during operation	All flights	
<input type="checkbox"/>	Tablet	Tablet must meet flight planning software requirements	All flights	
<input type="checkbox"/>	Hotspots	4G/5G capable	All flights	

<input type="checkbox"/>	RTK Antenna	RTK antenna compatible with drone	RTK	
<input type="checkbox"/>	Mounts	Device, R/C, phone, tablet mounts	All flights	
<input type="checkbox"/>	PPE Gear	Hard hat / safety vest / eye wear / steel toe boots if necessary	All flights	
<input type="checkbox"/>	Generator	Must be capable of charging multiple batteries at once	All flights	

ARRIVAL ON SITE

<input type="checkbox"/>	Onsite Check-In	Check-in with Flyguys mission coordinator upon arrival	All flights	
<input type="checkbox"/>	Inform POC	Notify POC of arrival	All flights	
<input type="checkbox"/>	Observe Obstructions	With your drone, measure any potential obstructions	All flights	
<input type="checkbox"/>	Confirm Take Off Point	Locate one or more take off points	All flights	
<input type="checkbox"/>	Ground Control	Set ground control points	All flights	
<input type="checkbox"/>	Confirm Know Point	If surveying locate a monument or known point	All flights	
<input type="checkbox"/>	Confirm VLOS	Confirm VLOS from take off point	All flights	

PRE-TAKE OFF

<input type="checkbox"/>	Landing Gear	Installed and locked in	All flights	
<input type="checkbox"/>	Arms	Locked in	All flights	
<input type="checkbox"/>	Propellers / Motors	Secure / spin freely / undamaged	All flights	
<input type="checkbox"/>	Batteries	Inspected and locked in	All flights	
<input type="checkbox"/>	Drone	On	All flights	
<input type="checkbox"/>	Controller	On / antenna secure	All flights	
<input type="checkbox"/>	Tablet	On	All flights	
<input type="checkbox"/>	Camera/Sensor Settings	Set to client requirements / set to capture if not automatically triggered	All flights	
<input type="checkbox"/>	Micro SD Storage	Formatted	All flights	
<input type="checkbox"/>	Compass Calibration	Perform calibration	All flights	
<input type="checkbox"/>	GPS	GPS lock / Safe to fly / 10 satellites or more	All flights	
<input type="checkbox"/>	Airspace Unlock	Unlock airspace via app	All flights	
<input type="checkbox"/>	RTH Altitude	Ensure RTH altitude is set	All flights	
<input type="checkbox"/>	Flight Mode	Set to "P"	All flights	
<input type="checkbox"/>	Review Flight Plan	Review flight plan and parameters	All flights	

TAKE OFF

<input type="checkbox"/>	Drone Position	Take off AWAY from you to make adjustments if needed	All flights	
<input type="checkbox"/>	Home Point	Confirm home point	All flights	
<input type="checkbox"/>	Rotors On	Announce	All flights	
<input type="checkbox"/>	Launching	Announce	All flights	
<input type="checkbox"/>	Hover	Check controls while hovering	All flights	

AIRBORNE

<input type="checkbox"/>	VLOS	Maintain VLOS	All flights	
<input type="checkbox"/>	Telemetry	Monitor telemetry	All flights	
<input type="checkbox"/>	Battery	Monitor voltage and percentage	All flights	
<input type="checkbox"/>	Manned Aircraft	Monitor sky for manned aircraft and land immediately if necessary	All flights	

LANDING				
<input type="checkbox"/>	Landing Site	Confirm there are no obstruction on landing site	All flights	
<input type="checkbox"/>	Landing	Announce landing	All flights	
<input type="checkbox"/>	Land	Gently land	All flights	
<input type="checkbox"/>	Rotors	Off	All flights	
<input type="checkbox"/>	Data Capture Off	Manually turn off data capture if necessary	All flights	
POST-FLIGHT				
<input type="checkbox"/>	Data Capture	Manually turn off data capture if necessary	All flights	
<input type="checkbox"/>	Drone	Off	All flights	
<input type="checkbox"/>	Controller	Off	All flights	
<input type="checkbox"/>	Data Capture	Confirm data/images have been saved	All flights	
<input type="checkbox"/>	QC Data	Review images or data to ensure that they meet standards	All flights	
<input type="checkbox"/>	Update MC	Update mission coordinator with progress before leaving	All flights	
<input type="checkbox"/>	Data Upload	Start data upload when you return to hom / office	All flights	
<input type="checkbox"/>	Upload Verification	Verify data upload and inform MC of completion	All flights	