



EMERGENCY PROCEDURES

VLOS | DJI | Single Drone | 31-01-2025 16:56

Emergency Procedures

- o Aircraft close: Activate kill switch
- o Threatening wildlife: Get in car, RTH
- o Operational volume breached: Kill switch, call ATC
- o Loss of control/fly-away: Try control, kill switch, call ATC
- o Bush fire: Call radio room
- o Crew unfit: RTH, first aid, call radio room



CONTINGENCY PROCEDURES

VLOS | DJI | Single Drone | 31-01-2025 16:56

Contingency Procedures

- o Low battery/high drain: RTH or land
- o High-wind: Lower altitude, RTH or land
- o Aircraft approaching: Lower altitude
- o Wildlife approaching: RTH, get in car
- o UAV warnings/errors: RTH or land
- o Communication link issues: Orient antenna, RTH
- o Poor weather: RTH
- o Crew unwell: RTH
- o 3rd party approaching: Avoid overflying, assistant pilot to communicate and avoid distraction



FIRST FLIGHT

VLOS | DJI | Single Drone | 31-01-2025 16:56

GoPro

- o Verify GoPro battery level, available recording time, and camera settings
- o Begin GoPro recording and announce operation details

Operational Environment

- o Assess environment (airspace and topography)
- o Identify direction of north

Safety Briefing

- o Check crew roles, safety vests, and ensure team is behind the pilot
- o Assign evacuation car seats
- o Confirm 'IMSAFE' readiness
- o Review contingency and emergency procedures

Equipment

- o Position the landing mat away from the pilot
- o Conduct UAS inspection
- o Power on the UAS, check failsafes, and confirm controller mode



PRE-FLIGHT

VLOS | DJI | Single Drone | 31-01-2025 16:56

GoPro

- o Verify GoPro battery, remaining time, and settings
- o Start GoPro recording and announce operation details

Environment

- o Assess weather conditions
- o Confirm mission plan and brief team

Equipment

- o Insert a new SD card
- o Check remaining battery, swap if needed.
- o Power on UAS, check for errors, GPS fix, and RSSI strength

Final Checks

- o Team go/no-go decision
- o Announce 'TAKING-OFF', then take off and move away from pilot
- o Verify flight performance away from pilot



IN-FLIGHT

VLOS | DJI | Single Drone | 31-01-2025 16:56

Flight Operations

- o (Optional) Upload waypoint mission
- o (Optional) Start recording
- o Monitor weather conditions
- o Monitor UAS status
- o Monitor transmitter battery
- o Monitor air traffic
- o Announce before landing



POST-FLIGHT

VLOS | DJI | Single Drone | 31-01-2025 16:56

Post-Flight Operations

- o (Optional) Stop on-board recording
- o Remove batteries and SD card
- o Inspect UAS
- o Stop GoPro recording
- o Notify ATC if operations are complete



OPERATION PLANNING

VLOS DJI Single Drone 31-01-2025 16:56
Operational Environment
<div><div>o</div>Verify Airspace and Topography</div> <div><div>o</div>Review Weather Forecast</div>
Crew
<div><div>o</div>Confirm Pilot Certification</div> <div><div>o</div>Schedule Pilot Assistant</div> <div><div>o</div>Agree on Mission Plan and Generate Checklist</div>
Regulations
Equipment
<div><div>o</div>Inspect Drone and Equipment</div> <div><div>o</div>Pack All Equipment</div>



PRE-OPERATION

VLOS DJI Single Drone 31-01-2025 16:56	
3rd Parties	
o Notify ATC / Get Approval from David / Verify Approval on WildOps	
o Notify Radio Room	
Operational Environment	
o Review Weather Forecast	
Crew	
o Assign Crew Roles	
Packing	
o Complete Packing Checklist	



PACKING

VLOS | DJI | Single Drone | 31-01-2025 16:56

UAS Operation

- o Correct Mission Checklist
- o UAS, Spare UAS, and Controller (with maps downloaded offline)
- o Charged UAS Batteries, and spare batteries
- o Empty SD Cards for UAS
- o GoPro and Accessories
- o Safety Vests (2)

Personal

- o Water
- o Hat and Sunglasses
- o Sunscreen and Mosquito Repellent
- o Charged Phone and Power Bank

Car

- o Reserve Water
- o First Aid Kit and Snake Bite Kit
- o Binoculars



POST-OPERATION

VLOS | DJI | Single Drone | 31-01-2025 16:56

Post-Operation Tasks

- o Notify ATC and OI Pejeta comms room
- o Backup and format SD cards
- o Recharge or storage charge batteries
- o Document the flight
- o Report incidents or accidents