

REQUIREMENTS FOR USE OF UAV AND SIMILAR SYSTEMS



The Union Glacier area is an active aerodrome with traffic that can depart or arrive at any time. **All UAV flights are required** to have an ALE staff member present for the duration of each and every flight. ALE will log and keep a record of all UAV flights.

You do not need pilot certification for non-commercial use of your UAV, provided it is below 55 lb (25 kg) total weight. However, you must have a basic understanding of air navigation, airworthiness, and relevant regulations.

The following requirements are designed to ensure the safety of all people, aircraft, and operations, to help protect the environment, and to prevent interference with other activities.

PRIOR TO ARRIVAL IN CHILE

- Inform ALE's Salt Lake Office as early as possible if you intend to use a UAV.
- Provide the make and model of the UAV.
- Provide a detailed plan on where you plan to use the UAV.

IN ANTARCTICA

- Your UAV will be inspected for suitability upon arrival in Union Glacier. UAVs must be of strong construction with suitable safety features for use in the polar environment. Only UAVs with a *Return to Home* feature will be flown.
- Pilots will be required to make a successful test flight at Union Glacier, before further flight clearance will be granted. All users must demonstrate to ALE that they have adequate training or, where relevant, certification for operating a UAV. ALE will log and keep a record of all UAV flights.
- Pilots must get clearance from ALE Operations before each and every flight, to avoid interfering with wildlife, local aircraft activity, communications or electromagnetic frequencies in use in the relevant area. An ALE staff member **must** be present for all flights in and around Union Glacier Camp.

UAV FLIGHT RESTRICTIONS

- Flights over hazardous areas, such as crevasses or steep terrain is restricted. Ask ALE staff for further information, if needed.
- Pilots must be aware of other guests or staff who may not want to be filmed, or who may be irritated by noise or sight of UAVs. If any doubt, ask first.
- UAVs must not be flown in high traffic areas, such as the front of dining tents, restrooms, etc. where pedestrians may suddenly emerge. Likewise, be cautious near vehicles and **never** fly near aircraft.
- UAVs must be flown at all times within sight of the pilot. Should a crash happen, a report must be prepared that will be submitted to US authorities. All parts of the damaged UAV must be recovered. ALE staff will assist recovery if required but an extensive effort may result in costs being charged to the pilot.

RESTRICTED AREAS

- UAVs should only be flown in areas where recovery of a downed vehicle is possible.
- UAVs must not be flown at Union Glacier Camp during camp quiet hours, 10pm to 7am. Please respect the camp quiet period and do not fly your UAV outside of these hours.
- UAVs must not be flown in or near to wildlife or any Antarctic Protected Area or Historic Site or Monument, where "near" means any possibility of the UAV accidentally flying or drifting into the area.
- UAVs must not be flown in or closer than 15.5 mi (25 km) to ASMA No. 5: Amundsen-Scott South Pole Station, South Pole.
- UAVs are **prohibited** at Mount Vinson and Gould Bay.

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UNION GLACIER CAMP – UAV RESTRICTED ZONES



Air Operations
NO UAV ZONE

Guest
Accommodation

Staff
Accommodation

**100 ft (30 M) minimum flight altitude
above accommodation areas**

Skiway

Skiway

To Runway Road
and 10K loop