

RULES UNMANNED AIRCRAFTS IN HAMNERABBEN TRAFFIC INFORMATION ZONE

GENERAL INFORMATION

Ny-Ålesund has a 20 km zone around the city with radio silence to protect scientific measurements. This means that without a permit, **you are prohibited to fly drones and unmanned aircrafts that operates on the 2-32GHZ bandwidth in Kongsfjorden and Ny-Ålesund.** It is possible to receive permission from the Norwegian Communications Authority (NKOM) to be allowed to use the 2-32ghz bandwidth. Read more about this [here](#).

Ny-Ålesund Airport is owned by Kings bay AS who also has the formal responsibility for the airspace around Ny-Ålesund (Hamnerabben TIZ). **Ny-Ålesund AFIS (tower) is responsible for the air traffic service (ATS) in Hamnerabben airspace.** All usage of unmanned aircrafts in the airspace needs to be approved by and coordinated with Ny-Ålesund AFIS.

The **Norwegian Civil Aviation Authority** has laid down rules for the usage of drones and model aircrafts. To operate an unmanned aircraft, a licence and insurance may be required. Read more about this at [EASAs](#) and [Luftfartstilsynets](#) website.

The **National Security Authority** and the **Data Inspectorate** provide information on the rules applicable to film and photography from the air. Read more about this at [nsm.no](#) and [datatilsynet.no](#).

Remember that you as a unmanned aircraft pilot is always responsible when flying.

Before operating Unmanned Aircrafts in Ny-Ålesund

- Make sure you have the proper licence and insurance for you and your aircraft, and that you comply with all rules according to EASA and the Norwegian Civil Air Authority.
- Obtain a frequency licence for usage of radio equipment in NY-Ålesund from The Norwegian Communications Authority (NKOM), if your unmanned aircraft operates on the 2-32ghz radio bandwidth.
- Consult with NySMAC and the Kingsbay Research Adviser to avoid causing disturbance on the radio frequencies.
- Carefully plan where, what altitude, and for how long you are going to be flying. Make sure to check the map included in this document.
- Consult Ny-Ålesund AFIS to obtain a permit to fly within Ny-Ålesund airspace / Hamnerabben Tiz.

Ny-Ålesund / Hamnerabben Airport

Hamnerabben airport is located roughly 1.5km west of the town centre. The traffic at Hamnerabben consists among other things, of scheduled traffic between Longyearbyen and Ny-Ålesund, search and rescue missions and official governor operations.

Aircrafts trafficking the airport normally operates above 500ft/150m outside landing and take-off, but there are many exceptions:

- Search and rescue operations
- Police/governor missions
- Military/scientific missions
- Sling load/Aerial work
- Landings outside of the airport (boat/field)

INFORMATION NY-ÅLESUND AIRSPACE / HAMNERABBEN TIZ

- **Hamnerabben TIZ (Red line on map):** Traffic information zone established to protect the airspace around the airport and the aircrafts to and from the airport. Two-way radio communication or equivalent is mandatory within the airspace.
- **Radio silent zone (blue circle on map):** for frequencies in the range of 2 GHz - 32 GHz in the geographic area within a 20 km radius from the centre of Ny-Ålesund.
- **Restricted Zone for unmanned aircrafts (Orange circle on map):** «Regulation regarding unmanned aircrafts» states in §7 and §54 that flying with model aircrafts or RPAS/drones is not allowed closer than 5km to an airport (orange line on map) without permission from the concerned ATS unit (Ny-Ålesund AFIS).



Contact information Ny-Ålesund AFIS

E-mail: Airport@kingsbay.no

Telephone: 79 02 72 20 / 79 02 72 51

Contact Ny-Ålesund AFIS before conducting any type of unmanned aircraft operations. Provide Ny-Ålesund AFIS with information about:

- Where you are going to fly
- When, and for how long you will be flying
- On what altitude you will be flying
- What category of unmanned aircraft you are operating
- Proof of licence and insurance
- Proof of frequency licence for usage of radio equipment in Ny-Ålesund issued by NKOM

Two-way radiocommunication or equivalent is mandatory for all aircrafts within Ny-Ålesund airspace / Hamnerabben TIZ. You must state how you are intending to maintain communication with Ny-Ålesund AFIS during your flight. **Please note that Ny-Ålesund AFIS do not give out permission to use the 2-32ghz radio bandwidth.** This must be arranged with the Norwegian communications authority beforehand. Remember that you as an unmanned aircraft pilot is always responsible for your aircraft and any damage or injuries to property or people that may occur when you are flying.