

RULES FOR AIRCRAFT FLIGHT WITHOUT A PILOT ON BOARD WITHIN TROMSØ CONTROL ZONE

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LOCAL ROUTINES AND CONTACT INFO FOR TROMSØ CONTROL TOWER

PROCEDURE FOR FLYING WITHIN 5KM FROM THE AIRPORT

Avinor Flysikring AS in Tromsø uses the national UTM system NINOX DRONE. The system makes it easy for drone and model aircraft operators to deal with the air traffic service (control tower) through simple communication and good access to information about the airspace.



Click on the image to get to the web version of the Ninox Drone



Download the app for mobile phone or tablet, or use the web version:

- Make sure you have an "Authenticator app", e.g. Microsoft Authenticator- this because of two-factor authentication. Flight and approval are given in 2 steps:

1. Plan of flight

A flight plan is first submitted, which must be approved, and which involves:

- *Desired location for flight Departure time, duration and altitude*
- *Contact details if you need to be reached quickly*
- *The plan must be submitted in good time, but will not be approved until there is 60 minutes to the flight.*

2.

Departure:

The operator must request departure in the app when the flight is to start, and await approval for this.

Answers will have to wait in case of traffic. During flight, the operator must monitor the phone for warnings or requests to land. The operator must also end his plan when the flight ends.

PRE-QUALIFICATION:

In order to be able to apply for permission for operations within the 5km zone around Tromsø Airport, a pre-qualification is required. When it is done, you receive an RPAS ID for Tromsø. The RPAS ID must be entered in the field for "Organization" when registering a flight in a NINOX drone. Without a local RPAS ID, permission for operations within the 5km zone will not be granted.

It is specified that in order to obtain an approval, one must have an adequate need to operate within the 5km zone. Model flying and other hobby activities are not permitted within the 5km zone.

Contact tcdrone@avinor.no to have the form for pre-qualification sent.

During the following periods, drone operations may be permitted within the 5km zone at Tromsø Airport:

- **Monday – Friday at 11:00 – 15:00**
- ***In the period 15 April – 15 October, the following times are also available:***
 - o **Monday – Friday at 19:00 – 20:00**

REGISTRATION OF DRONE ACTIVITY:

Registration of drone activity takes place through the digital system NINOX-drone.

See the Operator Portal (ninoxdrone.no) for creating a profile, downloading the APP and general information about the system. Registration of drone operations within the 5km zone is done in NINOX drone. Registered operations in NINOX drones must follow the time windows described above. No deadline has been set for when registration of a drone operation in NINOX drone must be done, but in general it would be recommended that this be done at least 60 minutes before the drone operation itself is to take place. This will increase the chance that the drone operation can be carried out.

COORDINATION BEFORE STARTING AND AFTER COMPLETED DRONE FLIGHT:

Before drone operations can take place, the pilot must obtain permission from the Tromsø control tower via the NINOX drone.

The current traffic situation will determine whether permission is granted and the operation can be carried out immediately. In certain traffic situations, permission cannot be granted immediately and the drone operator must wait for a clear signal from the tower. In the extreme, the traffic situation may mean that the operation cannot be carried out at all.

The operator must also inform the control tower via NINOX drone when the operation has ended.

If there is uncertainty as to whether one has received permission to start a drone operation in a NINOX drone, or there is uncertainty as to whether the drone operation has ended in a NINOX drone, the drone pilot must contact the control tower by telephone to ascertain the current status.

Tel: 670 34 761 – is the only number to be used for coordinating drone operations, and the number must exclusively used for coordinating the start and end of drone flight.

It is the air traffic controller who handles air traffic at the airport who must respond, and air traffic has priority.

NB! In all cases where the NINOX drone does not work as expected, the control tower must be contacted on the telephone number provided.

In the case of special needs, requests for flights outside defined time slots can be sent to e-mail tcdrone@avinor.no. The deadline for this is at least 3 working days before the flight is to take place. Other questions about drone activity, regulations, routines etc. should be sent to e-mail tcdrone@avinor.no. Telephone number 670 34 770/670 34 771 can also be used during normal office hours.