



NORWEGIAN DEFENCE  
MATERIEL AGENCY

## *MILITARY AIRWORTHINESS AUTHORITY – NORWAY*

Telephone: +47 971 99 505

E-mail: [maa-nor@mil.no](mailto:maa-nor@mil.no)

Web: [www.maanor.no](http://www.maanor.no)

Mail to be registered:

Forsvarsmateriell Luftkapasiteter

Postboks 800, Postmottak

2617 Lillehammer

Norway

E-mail: [maa-nor@mil.no](mailto:maa-nor@mil.no)

# Notice of Proposed Amendment 25-02

## MAA-NOR NPA Military UAS Organisational Approval (MUASOA) with the purpose of development, testing, and innovation

### Background

The military UAS market is developing rapidly, and although the MAA-NOR has an efficient approval process for MUAS types intended for regular service, there is a need to enable organisations to perform development, testing, and innovation.

Such an organisational approval will follow the general principles from manned aviation, where an organisation applies for an approval based upon demonstrating its' procedures and the competencies of the personnel. The approval will include privileges to self-approve new configurations within certain boundaries that must be described in the organisation's procedures.

The amendment below is intended to be included in the next revision of Airworthiness Regulation in the Norwegian defence sector. In the future, the parts of this regulation concerning MUAS, may be broken out as a separate regulation.

The MAA-NOR welcomes inputs from the regulated community. Please see contact information above for how to provide your feedback. Any feedback must be received within 1 June 2025.

### Proposed amendment - Development, testing, and innovation

An organisation that has a need to design, produce, modify and/or perform limited testing of military UAS types or modifications within the OPEN and SPECIFIC UAS classes, has the option to apply to the MAA-NOR for an organisational approval.

Each application for a UAS organisation approval shall be made to the MAA-NOR in writing or through the official email address listed above, and shall include an outline of the information required below. If information is not available, do not delay the application, but inform the MAA-NOR.

The UAS organisation shall demonstrate that it has established and is able to maintain a quality system. The quality system shall be documented. The organisation shall submit the quality system to the MAA-NOR.

The quality system shall contain those points below relevant to the individual organisation and activity:

1. A general description of the organisation's scope of work, within one or more of the following areas:
  - Design
  - Production
  - Modification, including combination of modules and components
  - Limited testing
2. The name and principal address for the organisation and/or activity

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3. the title(s) and names of managers

NOTE the MAA-NOR will handle the data law classification requirements of the organisation.

4. personnel competence and qualification

5. internal quality audits and resulting corrective actions

6. If UAS design is to be performed:

- A documented process to ensure that the design of the UAS products or parts or change thereof, comply with the applicable UAS requirements, and/or that any risk is sufficiently mitigated by operational procedures

7. If limited UAS production or combination of components is to be performed:

- A documented process to ensure that the production of the UAS or parts, conforms to the applicable design data and is in condition for safe operation, and/or that any risk is sufficiently mitigated by operational procedures

8. if flight tests are to be conducted:

NOTE that an operational approval including personnel certification is required

- A system to identify the tests to be performed
- a documented process for risk and safety management and associated methodologies, to ensure acceptable and lowest possible air and ground risk

The most significant risk to be mitigated, will normally be abnormal and unknown behaviour, leading to increased air and/or ground risk

Some methods to mitigate such risk may be:

- distance to the segregated airspace (firing range) limit or boundary
- planned distance BVLOS from the Command and Monitoring Unit (CMU) / Ground Control Station (GCS).
- Flight Manual, including emergency procedures, assessed as suitable and satisfactory for the purpose.

The MAA-NOR may also impose strict initial limits, with the intention of gradually lifting restrictions as experience shows acceptable and lowest possible air and ground risk can be ensured.

The MAA-NOR will make investigations necessary to determine compliance and continued compliance with the requirements above.

An organisation approved in this way, may

- a) self-approve own design and modifications
- b) self-approve own limited production
- c) self-approve test configuration within the pre-defined limitations

A MUAS organisation approval will be issued for an unlimited duration, unless otherwise specified by the MAA-NOR.

The holder of a UAS organisation approval shall



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- a) ensure that the quality system is used as basic working documents within the organisation;
- b) maintain the UAS organisation in conformity with the data and procedures approved for the UAS organisation approval
- c) record sufficient details and/or logbooks of work carried out
- d) establish and maintain an internal occurrence reporting system in the interest of safety, to enable the collection and assessment of occurrence reports in order to identify adverse trends or to address deficiencies, and to extract occurrences that must be reported to the MAA-NOR. This system shall include evaluation of relevant information relating to occurrences and the promulgation of related information

END OF NPA