

**Send to:**postmottak@caa.no
**or**
CAA Norway
PO Box 243
N-8001 BODØ
NORWAY

**Application for an operational authorisation
in Specific category (SORA 2.5)**

|  |
| --- |
| **Privacy** |
| To process your application, we need information about you for identification in order to secure that the permission is granted rightfully and to the right person. Personal data will be processed by the Civil Aviation Authority – Norway in accordance with Regulation (EU) 2016/679 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation). The application will be processed in accordance with national regulation “Forskrift 01. November 2024 nr. 2777 om ubemannede luftfartøyer jf. forordning (EU) 2019/947 artikkel 12”. Your personal data will be stored only as long as required for the purpose in which they were collected. You have the right to access your personal data, and, if necessary, have them corrected. If you believe that your personal data is not handled in accordance with the GDPR, you may appeal to the Norwegian Data Protection Authority. The Civil Aviation Authority – Norway is responsible for the processing of your application.Contact our data protection officer at personvernombud@caa.no. All inquiries to Civil Aviation Authority – Norway are subject to the Archive Act and the Freedom of Information Act. The public’s right to access information does not apply to personal data which is subject to confidentiality. |
| **Application** |
| [ ]  **New application**[ ]  **Revision** | **If revision** |
| Revision of authorisation nr.Klikk eller trykk her for å skrive inn tekst. |
| Revision number of the operational manualKlikk eller trykk her for å skrive inn tekst. |
| Revision number of the compliance matrixKlikk eller trykk her for å skrive inn tekst. |

|  |
| --- |
| **1. Operator information** |
| Organisation number | Organisation name |
| Address | Postal code | Postal office |
| Telephone number | Web address | E-post |
| UAS operator number (according to the registration in flydrone.no) |
| **Accountable manager** |
| National ID number  | Telephone | E-mail |
| **Other personnel, e.g. operational manager, technical manager, quality manager** |
| National ID number | Telephone | E-mail |
| **Other personnel, e.g. operational manager, technical manager, quality manager** |
| National ID number | Telephone | E-mail |
| **Other personnel, e.g. operational manager, technical manager, quality manager** |
| National ID number | Telephone | E-mail |
| **Other personnel, e.g. operational manager, technical manager, quality manager** |
| National ID number | Telephone | E-mail |

***Note:*** *When applying for more than one type of operation, copy Sections 2, 3 and 4, paste them below, and fill in the fields again.*

|  |
| --- |
| **2. Operation** |
| **2.1 Expected date of tart of the operation** | DD.MM.YYYY | 2.2 Expected end date | DD.MM.YYYY |
| **2.** **Risk assessment reference and revision** | [ ] SORA 2.5 [ ] PDRA #\_\_\_\_\_ [ ] Other\_\_\_\_ |
| **2.4 Type of operation** | [ ]  VLOS [ ]  BVLOS  |
| **2.5 Transport of dangerous goods** | [ ]  Yes [ ]  No |
| **2.6 Dropping material** | [ ]  Yes [ ]  No |
| **2.7 What is the minimum RP:UA ratio allowed between the remote pilot (RP) and the UA that may be operated simultaneously?** | RP:UA \_\_\_:\_\_\_\_ |
| **2.8 Operations manual reference** |  |
| **2.9 Compliance matrix file reference** |  |
| **3. UAS data** |
| **3.1 Design organisation name** |  | **3.2 Modell name** |  |
| **3.3 Type of UAS** | [ ]  Fixed-Wing[ ]  Rotorcraft–Helicopter[ ]  Rotorcraft–Gyroplane[ ]  VTOL capable aircraft (including multirotors)[ ]  Lighter than air | **3.4 Maximum UA characteristic dimensions** | **\_\_\_\_** m  |
| **3.5 Take-off mass** | **\_\_\_\_\_** kg  | **3.6 Maximum operational speed** | \_\_ m/s (\_\_ kt)  |
| **3.7 Type of C2 link** |  |
| **3.8 Size of the adjacent ground area** | \_\_\_\_ km |
| **3.9 Is the UAS tethered during the operation?** | [ ]  Yes [ ]  No |
| **3.10 Type of propulsion system** | [ ]  Electric [ ]  Combustion[ ]  Hybrid, specify type: \_\_\_\_\_\_\_\_\_\_[ ]  Other, specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **3.11 Serial number or, if applicable, UA registration mark** |  |
| **3.12 Type certificate (TC) or design verification report (DVR) number and issue date, if applicable** |  |
| **3.13 Number of the certificate of airworthiness (CofA), if applicable** |  |
| **3.14 Number of the noise certificate, if applicable** |  |
| **3.15 E-conspicuity system** | [ ]  Direct remote ID [ ]  Network remote ID[ ]  SRD-860 In [ ]  SRD-860 Out[ ]  ADS-B In [ ]  ADS-B Out[ ]  Other, specify: \_\_\_\_\_\_\_\_\_ |
| **3.16 Green flashing light** | [ ]  Yes [ ]  No |
| [ ]  **I, the UAS operator, declare that:*** the UAS operation complies with any applicable Union and national regulations related to privacy, data protection, liability, insurance, security, and environmental protection;
* I have developed procedures to ensure that the intended UAS operation complies with the security requirements applicable to the area(s) of operation;
* I have developed measures to protect against unlawful interference and unauthorised access;
* I have developed procedures to ensure that all flights comply with Regulation (EU) 2016/679 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data;
* I have developed procedures for the remote pilot(s) to plan UAS operations in a manner that minimises nuisance, including noise- and other emissions-related nuisance, to people and animals;
* I have records of:
	+ all relevant qualifications and training courses completed by the remote pilot(s) and other personnel in charge of duties essential to the UAS operation and by maintenance staff, for at least 3 years after those persons have ceased employment with the organisation or have changed their position within the organisation;
	+ the maintenance activities carried out on the UAS for a minimum of 3 years;
	+ the information on UAS operations, including any unusual technical or operational occurrences and other data as required by the declaration or by the operational authorisation for a minimum of 3 years;
	+ an up-to-date list of designated remote pilots-in-command for each flight, and if applicable, for each phase of flight;
	+ an up-to-date list of maintenance staff employed to carry out maintenance activities;
* the insurance coverage, if applicable, will be in place at the expected date of start of the UAS operation.
 |

|  |
| --- |
| **4. Specific Operation Risk Assessment (SORA)** |
| **Step #1 — Documentation of the proposed operation** |
| **Step #1.1 Description of proposed locations** | If location-specific: Give reference to the file:If location-independent: (generic authorisation) Give reference to the file as example of a location: |
| **Step #1.2 Short description of the proposed operation** |
| **Step #1.3 Dimensions of the operational volume and the adjacent volume** (Rounded up to first decimal place) | Maximum height of the flight geography | \_\_\_\_\_\_\_ m |
| Maximum height of the contingency volume | \_\_\_\_\_\_\_ m |
| Width of the contingency volume | \_\_\_\_\_\_\_ m |
| Width of the ground risk buffer | \_\_\_\_\_\_\_ m |
| Width of the adjacent volume | \_\_\_\_\_\_\_ m |
| **Step #2 — UAS intrinsic ground risk class (iGRC)** |
| **Step #2.1 Type of operational areas or maximum population density on the ground** (including flight geography, contingency volume and ground risk buffer) | [ ]  controlled ground area people/km2[ ]  sparsely populated area [ ]  up to 5 [ ]  up to 50 [ ]  up to 500[ ]  populated area [ ]  up to 5 000 [ ]  up to 50 000 [ ]  more than 50 000[ ] assemblies of people [ ]  no limit |
| **Step #2.2 Specify the intrinsic ground risk class (iGRC)** |  |
| **Step #2.3 Remarks/Reasoning for Step #2 (optional)** |
| **Step #3 — Final ground risk class (GRC) determination (optional)** |
| **Step #3.1 Specify the ground risk mitigations applied and the level of robustness** (if applicable) | **M1**(A) Strategic mitigation – sheltering[ ]  None [ ]  Low [ ] Medium |
| **M1**(B)Strategic mitigation – operational restrictions[ ]  None [ ]  Medium [ ]  High |
| **M1**(C) Tactical mitigation – ground observation [ ]  None [ ]  Low |
| **M2** Reduksjon av treffenergi om dronen skulle falle ned[ ]  None [ ]  Medium [ ]  High |
| **Step #3.2 Specify the final ground risk class (GRC)** |  |
| **Step #3.2 Remarks/Reasoning for Step #3**  |
| **Step #4 — Initial air risk class (ARC)** |
| **Step #4.1 Classification of the airspace where the operation is intended to be conducted** (multiple answers possible) | [ ]  A [ ]  C [ ]  D [ ]  G |
| [ ]  Restricted area [ ]  Danger area |
| [ ]  TMZ [ ]  RMZ [ ]  TIZ (FIZ) [ ]  CTR [ ]  CTA |
| **Step 4.2 Specify the initial air risk class (ARC) of the operational volume** | [ ]  ARC-a [ ]  ARC-b [ ]  ARC-c [ ]  ARC-d |
| **Step #4.3 Remarks/Reasoning for choosing the ARC in Step #4** |
| **Step #5 — Strategic air risk mitigations and final air risk class (ARC)** |
| **Step #5.1 Specify the strategic mitigations of the air risk class, if applied** | [ ]  No | [ ]  VLOS[ ]  BVLOS with AO[ ] Operational restrictions[ ]  Common rules and structures |
| **Step #5.2 Residual air risk class** (after strategic mitigation) | [ ]  ARC-a [ ]  ARC-b [ ]  ARC-c [ ]  ARC-d |
| **Step #5.3 Remarks/Reasoning for Step #5 (not needed if no mitigation applied)** |
| **Step #6 — Tactical mitigation performance requirements (TMPRs) and robustness level** |
| **Step #6 Tactical mitigation performance requirements (TMPRs)** | [ ]  No requirement (VLOS/BVLOS with AO)[ ]  BVLOS [ ]  No requirement (ARC-a) [ ]  Low (ARC-b) [ ]  Medium (ARC-c) [ ]  High (ARC-d) |
| **Step #6.1 Remarks/Reasoning for Step #6**  |
| **Step #7 SAIL determination** |
| **Step #7.1 Specific assurance and integrity level (SAIL)** | [ ]  SAIL I [ ]  SAIL II [ ]  SAIL III [ ]  SAIL IV [ ]  SAIL V [ ]  SAIL VI |
| **Step #8 — Determination of containment requirements** |
| **Step #8.1 Containment** | [ ]  Low [ ]  Medium [ ]  High [ ]  Tethered |
| **Step #8.2 Assembly of people within 1 km of the operational volume?** | [ ]  No [ ]  Yes |
| **Step #8.2 Remarks/Reasoning for Step #8** |
| **Step #9 — Identification of operational safety objectives (OSOs)** |
| **Step #9.1 Operational safety objectives** | *Fill out the compliance matrix* |
| **5 Remarks** |
|  |
| Date | Signature |