

Application for operational authorisation

Application for the issue of an operational authorization for the UAS operator to operate in the "specific" category according to Commission Implementing Regulation (EU) No 2019/947

Applicable for UAS operation with SORA v2.5

Please fill out the bordered fields of the form, sign it and send it together with the enclosures to **dronespace@austrocontrol.at**, or by mail to:

AUSTRO CONTROL GmbH, Aviation Authority, Schnirchgasse 17, 1030 Vienna, Austria

☐ New application

☐ Amendment to operational authorisation

1 UAS operator data

1.1 UAS operator registration number

1.2 UAS operator name

1.3 Operational point of contact (Name, Telephone, E-Mail)

2 Details of the UAS operation

2.1 Expected date of start of the operation (DD/MM/YYYY)

2.2 Expected end date (DD/MM/YYYY)

2.3 Risk assessment reference and revision

☐ SORA edition date _____

☐ PDRA # ____ - ____ edition date

☐ 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 Model name

3.3 Type of UAS

☐ Fixed-wing

☐ Rotorcraft-
helicopter

☐ Rotorcraft-
gyroplane

☐ VTOL-capable
aircraft (VCA)
(including
multirotors)

☐ Lighter than air/other

3.4 Maximum UA characteristic dimensions:

 m

3.5 Take-off mass:

 kg

3.6 Maximum operational speed:

 m/s / = kt:

Application for operational authorisation



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3.7 Type of C2 link

3.8 Size of the adjacent ground area (in km)

3.9 Is the UAS tethered during the operation?

☐ Yes ☐ No

3.10 Type of propulsion system

☐ Electric

☐ Combustion

☐ Hybrid, specific type: _____

☐ Other, please 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: _____

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, dataprotection, 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:
 1. 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;
 2. the maintenance activities carried out on the UAS for a minimum of 3 years;
 3. 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;
 4. an up-to-date list of designated remote pilots-in-command for each flight, and if applicable, for each phase of flight;
 5. 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.

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No 2019/947

4 Specific operations 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 H_{FGmax} _____ m

Maximum height of the contingency volume H_{CVmax} _____ m

Width of the contingency volume S_{CVmax} _____ m

Width of the ground risk buffer S_{GRBmax} _____ m

Width of the adjacent volume S_{AV} _____ 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/km ² |
| ☐ sparsely populated area | ☐ up to 5 |
| | ☐ up to 50 |
| | ☐ up to 500 |
| ☐ populated area | ☐ up to 5 000 |
| | ☐ up to 50 000 |
| ☐ assemblies of people | ☐ no limit |

Step #2.2 Specify the intrinsic ground risk (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

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M1(C) Tactical mitigation - ground observation

☐ None ☐ Low

M2 Effects of UA impact dynamics are reduced

☐ None ☐ Medium ☐ High

Step #3.2 Specify the final ground risk class (GRC)

Step #3.3 Remarks/Reasoning for Step #3 (optional)

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 ☐ B ☐ C ☐ D ☐ D ☐ E ☐ F ☐ G
☐ Restricted area ☐ Danger area
☐ TMZ ☐ RMZ ☐ ATZ ☐ CTR ☐ CTA ☐ FIZ

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 AOs
☐ 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

☐ No requirement (VLOS/BVLOS with AOs)
☐ BVLOS
☐ No requirement (ARC-a)
☐ Low (ARC-b)
☐ Medium (ARC-c)
☐ High (ARC-d)

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Step #6.1 Remarks/Reasoning for Step #6 (optional)

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 # 8.3 Remarks/Reasoning for Step #8 (optional)

Step #9 - Identification of operational safety objectives (OSOs)

Step #9.1 - Operational safety objectives

5 Remarks

6 Data protection

Personal data included in this application is processed by the competent authority pursuant to Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 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). Personal data will be processed for the purpose of the performance, management and follow-up of the application by the competent authority in accordance with Article 12 of Regulation (EU) 2019/947 of 24 May 2019 on the rules and procedures for the operation of unmanned aircraft.

If the applicant requires further information concerning the processing of their personal data or exercising their rights (e.g. to access or rectify any inaccurate or incomplete data), they should refer to the point of contact of their competent authority.

The applicant has the right to file a complaint regarding the processing of their personal data at any time to the national data protection supervisory authority.

Place

Date

Signature