



Version 1.1
17.06.2020

Application for an operational authorization

Application for a permit to operate an unmanned aircraft system beyond visual line of sight, with a take-off weight of more than 30kg or at a distance less than 100m from a gathering of people, in accordance with articles 14, 17 and 18, Ordinance of the Department of the Environment, Transport, Energy and Communications (DETEC) on Special Category Aircraft (SR 748.941)

New SORA application

Significant change to current authorization. File number:

Applicant/holder

Name / Company Name:

Enterprise identification Number UID:

Address:

Zip Code/City:

State/Province:

Country:

Phone Number:

E-Mail:

UAS Data

UAS Manufacturer:

Model:

Configuration:

Multicopter

Aeroplane

Helicopter

Hybrid/VTOL

Lighter than air/other



Maximum Take-Off Mass:

Maximum Airspeed:

Maximum Characteristic Dimensions:

Specific Operational Risk Assessment

An application form must be submitted together with a complete SORA based on the SORA guidelines. The latest version of the SORA guidelines are to be found here:

<http://jarus-rpas.org/content/jar-doc-06-sora-package>

The following elements, as described in the JARUS SORA main document, need to be contained:

1) ConOps Description:

The first step of the SORA requires the applicant to collect and provide the relevant technical, operational and system information needed to assess the risk associated with the intended operation of the UAS. Annex A of this document provides a detailed framework for data collection and presentation. The ConOps description is the foundation for all other activities and should be as accurate and detailed as possible.

2) Determination of the UAS Intrinsic Ground Risk Class (GRC)

3) Final GRC Determination

As defined in JARUS SORA Annex B.

4) Determination of the Initial Air Risk Class (ARC)

5) Application of Strategic Mitigations to determine Residual ARC

As defined in JARUS SORA Annex C

If an Airspace Change Request as part of your initial ARC or your ARC Strategic Mitigation is required, please submit the respective form together with this application:

Airspace Change Request [Airspace Change Request](#)

Airspace Change Process [Airspace Change Process](#)

6) Tactical Mitigation Performance Requirements (TMPR) and Robustness Levels

As defined in JARUS SORA Annex D.

7) Final Specific Assurance and Integrity Levels (SAIL) and

Operational Safety Objectives (OSO) Assignment.

Specific Assurance and Integrity Level:

8) Identification of Operational Safety Objectives (OSO)

As defined in JARUS SORA Annex E

9) Adjacent Area/Airspace Considerations

10) Comprehensive Safety Portfolio

In order to ensure correct versioning and to manage changes correctly, the applicant shall prepare a Master Data List which lists current document versions. This also allows the authority to process the request efficiently and ensures a timely response to the authorization request.

I, the undersigned, hereby declare that the UAS operation will comply with:

- Any applicable national rules related to privacy, data protection, liability, insurance, security and environmental protection;
- All applicable requirements derived from the SORA documentation and the relevant annexes;
- The limitations and conditions defined in the authorization provided by the competent authority

Applicant / holder:

Date:

Signature:

Annexes:

Please send the request to: rpas@bazl.admin.ch

Upon receipt, the application will be subject to a preliminary examination at a charge. Incomplete or incorrect documents will be returned to the applicant.