Application for an operational authorisation for the 'Specific' category

Direction de l'Aviation Civile
Grand-Duché de Luxembourg

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 purposes 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 contact point 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 supervisor authority.

☐ New application	☐ Amendment to operational authorisation LUX-OAT-

1. UAS operator data	
1.1 UAS operator registration number	
1.2 UAS operator name	
1.3 Name of the accountable manager	
1.4 Operational point of contact Name Telephone Email	

2. Details of the UAS operation			
2.1 Expected date of start of the operation		**2.2 Expected end date**	
2.3 Intended location(s) of the operation			
2.4 Risk assessment reference and revision		☐ SORA version ____ ☐ PDRA # ___-___ ☐ Other _____	
2.5 Level of assurance and integrity (SAIL)			
2.6 Type of operation		☐ VLOS ☐ BVLOS	
2.7 Transport of dangerous goods		☐ Yes ☐ No	
2.8 Ground risk characterization	**2.8.1 Operational area**		
	2.8.2 Adjacent area		
2.9 Upper limit of the operational volume			
2.10 Airspace volume of the intended operation		☐A ☐B ☐C ☐D ☐E ☐F ☐G ☐U-space ☐Other, specify _____	
2.11 Residual air risk level	**2.12.1 Operational volume**	☐ARC-a ☐ARC-b ☐ARC-c ☐ARC-d	
	2.11.2. Adjacent volume	☐ARC-a ☐ARC-b ☐ARC-c ☐ARC-d	
2.12 Operations manual reference			
2.13 Compliance evidence file reference			

3. UAS data			
3.1 Manufacturer		**3.2 Model**	
3.3 Type of UAS	☐ Aeroplane ☐ Helicopter ☐ Multirotor ☐ Hybrid/VTOL ☐ Lighter than air / other	**3.4 Max characteristic dimensions**	_____ m
3.5 Take-off mass	_____ kg	**3.6 Maximum speed**	_____ m/s (_____ knots)
3.7 Serial number or, if applicable, UA registration mark			
3.8 Type certificate (TC) or design verification report, if applicable			
3.9 Number of certificate of airworthiness (CofA), if applicable			
3.10 Number of Noise certificate, if applicable			
3.11 Mitigation of effects of ground impact	☐ No ☐ Yes, low ☐ Yes, medium ☐ Yes, high		
3.12 Technical requirements for containment	☐ Basic ☐ Enhanced		

4. Remarks

5. Declaration of compliance
I, the undersigned, hereby declare that the UAS operation will comply with: — *any applicable Union and national regulations related to privacy, data protection, liability, insurance, security, and environmental protection;* — *the applicable requirements of Regulation (EU) 2019/947; and* — *the limitations and conditions defined in the operational authorisation provided by the competent authority.* *Moreover, I declare that the related insurance coverage, if applicable, will be in place at the start date of the UAS operation.*

Date	**Signature and stamp**

Instructions for filling in the application form

If the application relates to an amendment to an existing operational authorisation, indicate the number of the operational authorisation and fill out in red the fields that are amended compared to the last operational authorisation.

1.1 The UAS operator registration number in accordance with Article 14 of the UAS Regulation.

1.2 UAS operator's name as declared during the registration process.

1.3 Name of the accountable manager or, in the case of a natural person, the name of the UAS operator.

1.4 Contact details of the person responsible for the operation, in charge to answer possible operational questions raised by the competent authority.

2.1 Date on which the UAS operator expects to start the operation.

2.2 Date on which the UAS operator expects to end the operation. The UAS operator may ask for an unlimited duration; in this case, indicate 'Unlimited'.

2.3 Location(s) where the UAS operator intends to conduct the UAS operation. The identification of the location should contain the full operational volume and ground risk buffer (the red line in figure x). Depending on the initial ground and air risk and on the application of mitigation measures, the locations may be 'generic' or 'precise' (refer to GM2 UAS.SPEC.030(2)).

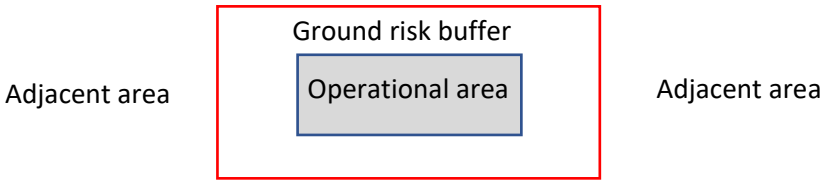

Figure x Operational area and ground risk buffer

2.4 Select one of the three options. If SORA is used indicate the version. In case a PDRA is used, indicate the number and its revision.

2.5 If the risk methodology used is the SORA, indicate the final SAIL of the operation, otherwise the equivalent information provided by the risk assessment methodology used.

2.6 Select one of the two options.

2.7 Select one of the two options

2.8 Characterise the ground risk (i.e. density of overflown population density or 'controlled ground area', 'sparsely populated area', 'populated area', 'gatherings of people')for the operational and the adjacent area.

2.9 Insert the upper limit, expressed in metres and feet in parenthesis, of the contingency volume (adding the air risk buffer if applicable) and of the adjacent volume using the AGL reference when the upper limit is below 150 m (492 ft), or use the MSL reference when the upper limit is above 150 m (492 ft).

2.10 Select one or more of the nine options. Select 'other' in case none of the previous is fitting (i.e. military areas).

2.11 Select one of the four options.

2.12 Indicate the OM's identification and revision number. This document should be attached to the application.

2.13 Indicate the compliance evidence file identification and revision number. This document should be attached to the application.

3.1 Name of the manufacturer of the UAS.

3.2 Model of the UAS as defined by the manufacturer.

3.3 Select one of the five options.

3.4 Indicate the maximum dimensions of the UA in metres (e.g. for aeroplanes: the length of the wingspan; for helicopters: the diameter of the propellers; for multirotor: the maximum distance between the tips of two opposite propellers) as used in the risk assessment to identify the ground risk.

3.5 Indicate the maximum value, expressed in kg, of the UA take-off mass (TOM), at which the UAS operation may be operated. All flights should then be operated not exceeding such TOM. The TOM maybe be different from (however, not higher than) the MTOM defined by the UAS manufacturer.

3.6 Maximum cruise airspeed, expressed in m/s and knots in parenthesis, at which the UA may be operated as used in the risk assessment to assess the energy linked to the UA.

3.7 Serial number of the UA defined by the manufacturer, or UA registration mark if the UA is registered. In case of privately built UAS or UAS not equipped with a unique SN, according to standard ANSI/CTA-2063-A-2019, Small Unmanned Aerial Systems Serial Numbers, 2019, insert the serial number of the remote identification system;

3.8 Include the EASA TC number, or the UAS design verification report number issued by EASA, if available.

3.9 If a UAS with an EASA TC is required by the NAA, the UAS should have a certificate of airworthiness (CofA).

3.10 If a UAS with an EASA TC is required, the UAS should have a noise certificate.

3.11 Select one of the four options.

3.12 Select one of the two options.

4 Free-text field for the addition of any relevant remark.

Note 1: Section 3 may include more than one UAS. In that case, it should be filled in with the data of all the UASs intended to be operated. If needed, fields may be duplicated.

Note 2: The signature and stamp may be provided in electronic form.

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INFORMATION NOTE ON DATA PROTECTION

NOTICE D'INFORMATION SUR LA PROTECTION DES DONNEES

Operations in the Specific category

Opérations dans la Catégorie spécifique

Personal data are processed for the purpose of aviation security.

The legal basis for this processing is Commission Implementing Regulation (EU) 2019/947 of 24 May 2019 on the rules and procedures for the operation of unmanned aircraft.

Failure to provide these data will prevent the operation of UAS in the specific category.

The data subject has the right :

- to access to their personal data,
- to rectification or erasure of personal data or restriction of processing,
- to object to processing,

by contacting the data protection officer (dpo@av.etat.lu). Proof of identity has to be included in the request (ex. copy of identity card or passport, licence number, etc.).

For more detailed information on the protection of your personal data, please consult our website:
https://dac.gouvernement.lu/en/data-protection.html

Les données à caractère personnel sont traitées en vue de la sécurité des activités aériennes.

La base juridique pour ces traitements est le règlement d'exécution (UE) 2019/947 de la Commission du 24 mai 2019 concernant les règles et procédures applicables à l'exploitation d'aéronefs sans équipage à bord.

Le fait de ne pas fournir les données à caractère personnel requises à la DAC fera obstacle à l'exploitation de l'UAS en catégorie spécifique.

Toute personne concernée a le droit :

- d'accéder à ses données personnelles,
- de demander la rectification ou l'effacement des données personnelles, ou la limitation du traitement,
- de s'opposer au traitement,

en contactant le délégué à la protection des données (dpo@av.etat.lu). Une preuve de l'identité doit être jointe à la demande (ex. copie de la carte d'identité ou du passeport, numéro de la licence, etc.).

Pour des informations plus détaillées sur la protection de vos données personnelles, veuillez consulter notre site web :
https://dac.gouvernement.lu/fr/protection-donnees.html