


<p>Irish Aviation Authority The Times Building 11-12 D'Olier Street Dublin 2, Ireland www.iaa.ie</p> <p>Safety Regulation Division</p>	<p>Údarás Eitlíochta na hÉireann Foirgneamh na hAmanna 11-12 Sráid D'Olier Baile Átha Cliath 2, Éire</p> <p>Rannán na Rialachán Sábháilteachta</p>	<p>UAS ADVISORY MEMORANDUM (UAM)</p> <p>NO. UAM 009 ISSUE 1 DATE 23.03.2023</p>	
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Guidance on Cross-border Operations or Operations Outside the State of Registration

1. Change Record

Date	Issue	Revision Description
23.02.2023	1	Initial publication.

2. References

- Regulation (EU) 2019/947, on the rules and procedures for the operation of unmanned aircraft.¹

3. Purpose

The purpose of this guidance document is to provide guidance cross-border operations and operations outside the State of registration in the 'Specific' category

4. Definitions

For the purposes of this guidance document, the definitions in Regulation (EU) 2019/947, Irish Aviation Authority Act, 1993 and S.I. No. 24 of 2023 apply.

'Cross-border operations' means operations in the 'specific' category for which an operational authorisation has already been granted in accordance with Reg (EU) 2019/947 Article 12, and which is intended to take place **partially** in the airspace of a Member State other than the Member State of registration.

'Operations outside the State of registration' means operations in the 'specific' category for which an operational authorisation has already been granted in accordance with Reg (EU) 2019/947 Article 12,

¹ <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019R0947&from=EN>

and which is intended to take place **fully** in the airspace of a Member State other than the Member State of registration.

5. Local Conditions.

Local conditions may be found at <https://www.iaa.ie/drones>. Specifically, [UAS Geographical Zones](#) and [Irish Aviation Authority \(Unmanned Aircraft Systems \(Drones\)\) Order 2023 \(SI 24 of 2023\)](#).

6. Process

6.1. Operations for Which an Operational Authorisation is Already Granted

6.1.1. Application

A UAS operator registered in an EASA Member State other than the Republic of Ireland, that intends to conduct 'specific' category cross border operations or operations in Ireland, where an operational authorisation is already granted, shall provide the Irish Aviation Authority, as the competent authority, with:

- A completed application (Annex A), via email to drones@iaa.ie;
- A copy of the operational authorisation issued by the competent authority of the MS of registration;
- Those chapter(s) / section(s) of the operations manual (OM) providing the operational procedures and the relevant information, amended as necessary, to comply with the local conditions and apply the mitigation measures to the new intended location(s). See U04 UAS Geographical Zones for information on State Geo-Zones and S.I. 24/2023 for further local conditions.
- Evidence of compliance of the amended procedures according to the level of robustness of the mitigation measures, if any.
- A .kml file outlining the location(s) of the intended operation. See UAM 008 Guidance on Defining Flight Geography, Contingency Volume, and Ground Risk Buffer for further details.

The UAS division will acknowledge receipt and issue an invoice for an amount in line with UAS 005 Guidance on Fees Related to UAS Operations). Assessment will commence upon payment of the invoice.

It is advised to contact the UAS division (drones@iaa.ie), prior to applying, to discuss the proposed operation, risks, and possible mitigations.



6.1.2. Assessment

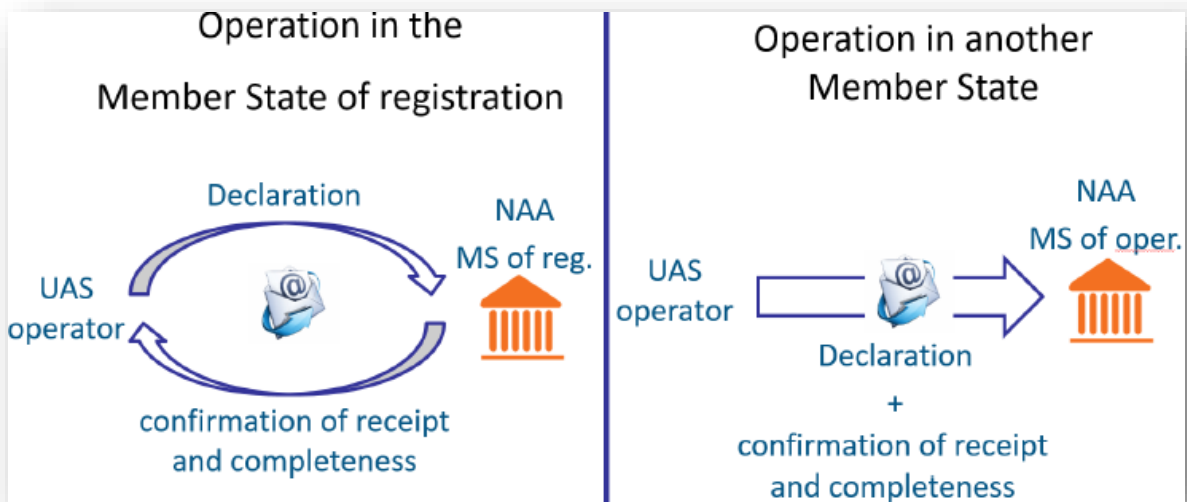
The UAS division will assess the application without undue delay. If the updated mitigation means are accepted as satisfactory for the intended location, they will:

- Provide the UAS operator with confirmation;
- Provide the competent authority of the UAS operator’s State of registration with conformation.

Upon receipt of that confirmation, the UAS operator may start the intended operation and the Member State of registration shall record the updated mitigation measures that the UAS operator has to apply, along with the new location(s), in the operational authorisation issued.

6.2. Standard Scenarios

A UAS operator registered in an EASA Member State other than the Republic of Ireland, that intends to conduct ‘specific’ category cross border standard scenario operations or standard scenario operations in Ireland, for which a declaration has been made, shall provide the Irish Aviation Authority, as the competent authority, with a copy of the declaration submitted to the Member State of registration, as well as a copy of the confirmation of receipt and completeness to drones@iaa.ie.



6.3. Light UAS Certificate (LUC) Holders

A UAS operator, holding an LUC with privileges, registered in an EASA Member State other than the Republic of Ireland, that intends to conduct 'specific' category cross border operations or operations in Ireland, shall provide the Irish Aviation Authority, as the competent authority, with:

- A completed application (Annex A), via email to drones@iaa.ie;
- A copy of the term of LUC received;
- A .kml file outlining the location(s) of the intended operation. See UAM 008 Guidance on Defining Flight Geography, Contingency Volume, and Ground Risk Buffer for further details.

APPLICATION FORM FOR A CROSS-BORDER UAS OPERATION

As Per AMC1 Article 13(1) Cross-border operations or operations outside the State of registration



Application for a cross-border UAS operation in the 'specific' category

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 Articles 12 and 13 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.

 New application

 Amendment to confirmation of acceptability NNN-CBO-xxxxx/yyy

1. UAS operator and approval data

1.1 UAS operator registration number

1.2 UAS operator name

1.3 Operational point of contact

Name

Telephone

Email

1.4 Type of approval

1.4.1 Operational authorisation / LUC number issued by the MS of registration

1.4.2 Expiry date

 Operational authorisation

 LUC

DD/MM/YYYY

2. Locations

2.1 Expected date of start of the operation

DD/MM/YYYY

2.2 Expected end date

DD/MM/YYYY

2.3 Intended location(s) for the operation

2.4 Operational volume height limit

_____ m (_____ ft)

2.5 Airspace of the intended operation

 A B C D E F G U-space

 Other, specify

2.6. Applicable local conditions

3. Update of the application of the mitigation means and local conditions	
3.1 Updated 'Location of UAS operation' chapter of the operations manual (OM), if applicable	
3.2 Compliance evidence for updated mitigation measures and local conditions, if applicable	
4. Remarks	
5. Declaration of compliance	
<p><i>I, the undersigned, hereby request the confirmation of acceptability of the cross-border UAS operation in xxx (name of the Member State) and declare that the UAS operation will comply with:</i></p> <ul style="list-style-type: none"> — any national rules related to privacy, data protection, liability, insurance, security, and environmental protection; — the applicable requirements of Regulation (EU) 2019/947; and — <i>the limitations and conditions defined in the operational authorisation provided by the competent authority of the Member State of registration and in the confirmation of acceptability of the cross-border UAS operation provided by the competent authority of the Member State of operation.</i> <p><i>Moreover, I declare that the related insurance coverage, if applicable, will be in place at the start date of the UAS operation.</i></p>	
Date DD/MM/YYYY	Signature and stamp

Instructions for filling in the application form

If the application relates to an amendment to a confirmation of acceptability for a cross-border UAS operation, please indicate the number of the confirmation of acceptability and fill out in red the fields that are amended compared to the last confirmation of acceptability.

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

1.4 Select one of the two options.

1.4.1 Number of the operational authorisation or of the LUC terms of approval issued by the competent authority of the MS of registration. The referenced document should be attached to the application.

1.4.2 Expiry date of the document listed in 1.4.2. If the validity is unlimited, indicate 'Unlimited'.

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) in the MS of operation where the UAS operator intends to conduct the UAS operation. The identification of the location(s) should contain the full operational volume and ground risk buffer (the red line in Figure 1). The location(s) should be expressed in the same way as in the operational authorisation (e.g. 'generic' or 'precise' (refer to GM2 UAS.SPEC.030(2))).

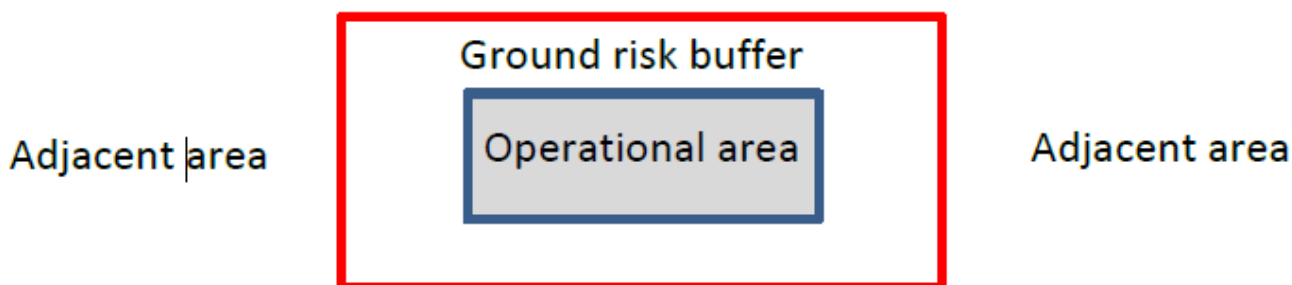


Figure 1 — Operational area and ground risk buffer

2.4 Insert the upper limit, expressed in metres and feet in parentheses, of the contingency volume (adding the air risk buffer, if applicable) 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).

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

2.6 List the local conditions applicable to the location(s) defined in point 2.3 (e.g. special frequency to be avoided, national insurance regulation, etc.). If needed, a separate document may be attached.

3.1 If operational procedures need to be updated to take into account the new locations or the local conditions, indicate either the identification and revision number of the OM or the document providing an extract of the OM including the chapter describing the operational procedures and the relevant information, amended by the UAS operator. This document should be attached to the application. Otherwise indicate 'n/a'.

3.2 If procedures are updated to address the characteristics of the new location or to meet the local conditions, indicate the compliance evidence file identification and revision number. This document should be attached to the application. Otherwise indicate 'n/a'.

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

Note: In case of LUC, point 3 should not be filled in if according to the LUC terms of approval the organisation has the privilege to extend the operational authorisation to different locations.