



**NOTIFICATION OF UPCOMING
UASOP SUBMISSION**

1. REFERENCE (MAA ONLY)

<To be filled by MAA once application is received>

2. APPLICATION AND OPERATOR DATA

New application

Amendment to operational authorisation ref _____

2.1 Reason for UASOP application

2.2 UAS Operator Data

UAS operator registration
number

UAS operator name

Accountable Manager

< Title / Rank >

< Name >

< Position >

Operational point of contact

< Name >

< Telephone >

< Position >

< E-mail >



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3. GENERAL DETAILS OF THE UAS OPERATION

3.1 Period of Operation

Start date

End date

3.2 Intended Location (s) for the operation

Location (s)

3.3 Risk Assessment reference and revision

- Specific Operation Risk Assessment (SORA) version*
 Predefined Risk Assessment, PDRA (if already published by MAA)
 Other RA

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

SORA version

PDRA

Other RA

Level of Assurance and Integrity

3.4 Operating Environment

Type of operation

VLOS BLOS

Transport of weapons or
dangerous goods

No Yes. If yes, please specify:

- Weapons
 Carriage of passengers
 Deployable stores
 Expendable stores
 Lasers
 Unique payloads (please describe below):



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Ground Risk characterisation	<input type="checkbox"/> Wholly in UAE <input type="checkbox"/> International operations <input type="checkbox"/> Defence controlled land/water <input type="checkbox"/> Land/water not controlled by defence <input type="checkbox"/> High seas <input type="checkbox"/> Other (if other, please describe) _____	
	Operational area	Additional data _____
	Adjacent area	Additional data _____
Upper limit of the operational volume		
Airspace volume of the intended operation	<input type="checkbox"/> Military segregated airspace <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> U-space <input type="checkbox"/> Other, specify _____	
Night operations	<input type="checkbox"/> No <input type="checkbox"/> Yes	
Residual air risk level	Operational volume	<input type="checkbox"/> ARC-a <input type="checkbox"/> ARC-b <input type="checkbox"/> ARC-c <input type="checkbox"/> ARC-d
	Adjacent volume	<input type="checkbox"/> ARC-a <input type="checkbox"/> ARC-b <input type="checkbox"/> ARC-c <input type="checkbox"/> ARC-d
Take-off / Landing area	<input type="checkbox"/> Ground <input type="checkbox"/> Water <input type="checkbox"/> Land vehicle <input type="checkbox"/> Ship <input type="checkbox"/> Aircraft <input type="checkbox"/> Other, specify _____	
Operational manual reference		
Statement of Operating Intent and usage reference		
Compliance evidence references		



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4. UAS DATA

4.1 Manufacturer		4.2 Model	
4.3 Type of UAS	<input type="checkbox"/> Aeroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Multirotor <input type="checkbox"/> Hybrid/VTOL <input type="checkbox"/> Lighter than air / other		
4.4 Take-off mass	_____(kg)	4.5 Maximum speed	____m/s, (____)kt
4.6 Max. characteristic dimensions	_____(m)		
4.7 Serial number		4.8 UA registration mark	
4.9 Maximum Operating Range	_____(km)		
4.10 Maximum Operating Height/Altitude	_____(m)		
4.11 Environmental limitations			
4.12 Max. Endurance	_____(hrs)		
4.13 Propulsion			
4.14 Mitigation of effects of ground impact	<input type="checkbox"/> No <input type="checkbox"/> Yes, low <input type="checkbox"/> Yes, medium <input type="checkbox"/> Yes, high		
4.15 Technical requirements for containment	<input type="checkbox"/> Basic <input type="checkbox"/> Enhanced		
4.16. Airworthiness data (if any applicable)			
Military Type Certificate/Type Certificate		Issuing Authority	
Design Verification Report		Issuing Authority	
Number of the Certificate of Airworthiness		Issuing Authority	



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Number of the noise certificate		Issuing Authority	
4.17 Other remarks			

5. CLASSIFICATION OF THE OPERATION

Form 145 reference	
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6. APPLICANT'S DECLARATION

I declare that I have the legal capacity and authority to submit this information to MAA.

I declare that all information provided in this form is correct and complete.

I declare that the UAS operation will comply with any applicable UAE law related to privacy, data protection, liability, insurance, security and environmental protection.

I declare that the UAS operation will comply with the limitations and conditions defined in the operational authorisation provided by MAA.

I am satisfied that the appropriate operating instructions and procedures, risk assessments and authorisation procedures have been developed and documented at the applicable command level in order to satisfy UAEMAR UAS.

Moreover, I declare that the related insurance coverage, if applicable, will be in place at the start date of the UAS application.

*On completion, send form and documentation to MAA UAS Section at UAEMAA@mod.gov.ae

Note: Form 151 must be resubmitted if Accountable person or POC change.

Name	
Date	
Signature	



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7. MAA USE ONLY

UASOP issued

UASOP Number _____

Authorised Signatory

Name

Position

Signature

Date



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APPENDIX – FORM INSTRUCTIONS

These instructions are designed to assist with completing the UAEMAR Form 151 for UASOP applications under UAEMAR UAS. Carefully read this document and any relevant Acceptable Means of Compliance or Guidance Material.

ABOUT THIS FORM AND APPLICATION PROCESS

Completing this notification form is the first step in the overall Unmanned Aircraft System Operating Permit (UASOP) application process. To help MAA provide timely advice and manage approvals, this initial notification enables MAA to manage their resources sufficiently in preparation for upcoming UASOP. Applicants are to complete and sign the notification form and submit to the nominated MAA email (UAEMAA@mod.gov.ae).

IMPORTANT NOTE

This form is not a UASOP and submitting it to MAA will not provide you with an approval to operate. Once MAA analyses Form 151, MAA will propose a compliance matrix through Form 152 to the applicant, that should fill-in as appropriate and provide compliance documentation when required.

Depending on the level of the risk of the operation, the technical characteristics of the UAS may play an important role in mitigating the risk. In that case, the UAS operator may provide additional information to the MAA on the characteristics of the UAS to be operated. The MAA will, in any case, ask for additional data when needed.

Upon completion and once all compliance areas are demonstrated, MAA will issue a UASOP via Form 153.

COMPLETION OF THE FORM

2. Application. Indicate new application or amendment to existing application.

2.1 Reason of application. Please include the reason for the upcoming UASOP, e.g.: explain why UAS proposed operations don't fit within the bounds of what is approved within the Open category or Specific Type B Standard Scenarios, or why the UAS is not of sufficient design integrity to meet the requirements of Certified Category UAS, so the applicant intends to adopt operational limitations in preference to full certification.

2.2 UAS Operator Data

- UAS operator registration number.
- UAS operator's name as declared during the registration process.
- Name of the accountable manager or, in the case of a natural person, the name of the UAS operator.
- Contact details of the person responsible for the operation, in charge to answer possible operational questions raised by the MAA.

3. General Details of the UAS Operation.

3.1 Period of Operation

- Date on which the UAS operator expects to start the operation.
- 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'.

3.2 Locations. Location(s) 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). Depending on the initial ground and air risk and on the application of mitigation measures, the location(s) may be 'generic' or 'precise'.

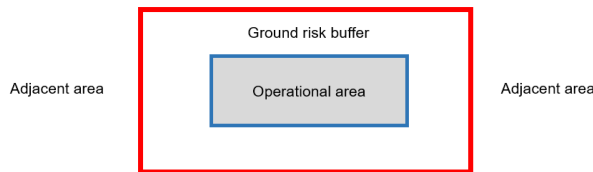


Figure 1. Operational area and ground risk buffer operational area

3.3 Risk assessment reference and revision.

- Select one of the three options. If the SORA is used, indicate the version. In case a PDRA is used, indicate the number and its revision. In case a risk assessment methodology is used other than the SORA, provide its reference. In this last case, the UAS operator should demonstrate that the RA complies with UAEMAR UAS AMC UAS.30 (2) – Authority Requirements for Issue of a UASOP.
- 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.

3.4 Operating Environment

- Type of operation. Select one of the two options.
- Transport of weapons or dangerous goods. Select one of the two options. If yes, select all that may be applicable.
- Ground Risk characterisation. Characterise the ground risk for both the operational and the adjacent areas selecting all applicable options. For any option different than “Defence controlled land/water”, please indicate density of overflown population, expressed in persons per km², if available.
- Upper limit of the operational volume. Insert the maximum flight altitude, expressed in metres and feet in parentheses, of the operational 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).
- Airspace volume of the intended operation. Select one or more of the nine options. Select ‘Other’ in case none of the previous applies.
- Night operations. Select one of the two options
- Residual air risk level. Select one of the four options in both cases (refer to SORA methodology).
- Take-off / Landing area Select all applicable options.
- Operational manual reference. Indicate the Operational Manual identification and revision number. This document should be attached to the application.
- Statement of Operating Intent and usage reference. Indicate the Statement of Operating Intent and usage (when this information is not included in the Operational Manual). This document should be attached to the application.
- Compliance evidence references. Indicate the compliance evidence file identification and revision number. These documents should be attached to the application.

4. UAS Data

4.1 Name of the manufacturer of the UAS.

4.2 Model of the UAS as defined by the manufacturer.

4.3 Select one of the five options.

4.4 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 that TOM. The TOM may be different from (however, not higher than) the MTOM defined by the UAS manufacturer.

4.5 Maximum cruise airspeed, expressed in m/s and kt in parentheses, as defined in the manufacturer’s instructions.



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4.6 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 multirotors: the maximum distance between the tips of two opposite propellers) as used in the risk assessment to identify the ground risk (see SORA guidelines for reference: <http://jarus-rpas.org/content/jar-doc-06-sora-package>).

4.7 Unique serial number (SN) of the UA defined by the manufacturer. In case of UAS not bearing a unique SN, insert the unique SN of the remote identification system.

4.8 UA registration mark if the UA is already registered.

4.9 Maximum operating range as indicated by the manufacturer.

4.10 Maximum operating height as indicated by the manufacturer.

4.11 Environmental limitations as indicated by the manufacturer.

4.12 Maximum endurance as indicated by the manufacturer.

4.13 Indicate number of engines, technologies used (piston, turbo, hybrid, electric...), etc...

4.14 Select one of the four options (see SORA guidelines for reference).

4.15 Select one of the two options (see SORA guidelines for reference).

4.16 Airworthiness data:

- Include the MAA MTC number, if any applicable.
- If the UAS has obtained a Design Verification Report by EASA, please indicate also the reference number.
- Include certificate of airworthiness (CofA) number where applicable.
- Include the noise certificate where applicable.

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

5. Form 145. Indicate Form 145 reference.

Note 1: Section 4 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.