

GACAR PART 48 – Registration and Marking Requirements for Unmanned Aircraft

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**SUBPART A – GENERAL**

**§ 48.1 Applicability.**

- (a) This Part provides registration and identification requirements for unmanned aircraft that may be operated in the Open and Specific categories of UAS operation as defined in GACAR Part 107.
- (b) Registration under this Part is not required for unmanned aircraft registered under GACAR Part 47.

*Note: This Part is also applicable to model aircraft, which are considered unmanned aircraft under GACAR Part 107.*

**§ 48.3 Requirement To Register.**

- (a) An unmanned aircraft must be registered and marked if:
- (1) it has a Maximum Take Off Mass (MTOM) of 250 g or more; or
  - (2) it is equipped with a sensor able to capture personal data; or
  - (3) it is equipped with a sensor able to capture survey or geospatial information.
- (b) Unmanned aircraft that are intended to be used as toys and do not satisfy any of the conditions listed under (a) are not required to be registered and marked.

**§ 48.5 Eligibility For Registration.**

An unmanned aircraft may be registered under this Part only when the aircraft is not registered under the laws of a foreign country and is:

- (a) Owned by a Citizen of the Kingdom of Saudi Arabia; or
- (b) Owned by an individual citizen of a foreign country lawfully admitted for residence in the

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Kingdom of Saudi Arabia.

### **§ 48.7 Applicants.**

(a) To register an unmanned aircraft in the Kingdom of Saudi Arabia under this Part, a person must provide the information required by § 48.9 to the Registry in the form and manner prescribed by the President.

(b) An unmanned aircraft must be registered by its owner using the legal name of its owner, unless the owner is less than 18 years of age. If the owner is less than 18 years of age, then the unmanned aircraft must be registered by a person who is at least 18 years of age.

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**SUBPART B - CERTIFICATES OF AIRCRAFT REGISTRATION FOR UNMANNED AIRCRAFT**

**§ 48.9 Application.**

(a) **Required information:** UAS operators intending to use unmanned aircraft in the Specific category of UAS operation, as defined in GACAR Part 107, must submit all of the following information to the Registry:

- (1) applicant name and, for an applicant other than an individual, the name of the authorized representative applying for a Certificate of Aircraft Registration.
- (2) permanent mailing address/National Address. If the applicant's permanent mailing address is a post office box number, then the applicant must also provide a current residential address.
- (3) applicant's email address or, for applicants other than individuals, the email address of the authorized representative
- (4) the aircraft manufacturer and model name.
- (5) the aircraft serial number, if available.
- (6) any other information as required by the President.

(b) **Required information :** UAS operators intending to use unmanned aircraft exclusively in the Open category of UAS operation, as defined in GACAR Part 107, must submit all of the following information to the Registry:

- (1) applicant name.
- (2) permanent mailing address/National Address. If the applicant's permanent mailing address is a post office box number, then the applicant must also provide a current residential address.
- (3) applicant's email address.
- (4) any other information as required by the President.

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(c) **Issuance of Certificate of Aircraft registration.** GACA will issue a Certificate of Aircraft Registration upon completion of the application requirements provided in paragraph (a) or (b) of this section as applicable and after receiving a clearance from the GACA Aviation Security Division.

**§ 48.11 Requirement To Maintain Current Information.**

The holder of a Certificate of Aircraft Registration must ensure that the information provided under § 48.9 remains accurate.

**§ 48.13 Registration: UAS Operators Intending To Use Unmanned Aircraft in the Specific Category of UAS Operation.**

(a) Certificate of Aircraft Registration. A Certificate of Aircraft Registration issued in accordance with § 48.9 for use in the Specific category of UAS operation constitutes registration only for the types of operation identified on the Operational Authorization or UAS Operator Certificate.

(b) Effective date of registration. An aircraft is registered when the applicant receives a Certificate of Aircraft Registration for the specific aircraft. The effective date of registration is shown by the date of issue on the Certificate of Aircraft Registration issued for the aircraft.

(c) Registration renewal. The expiry date of the Certificate of Aircraft registration issued under this Part must be not later than 3 years after the date of issue, unless it is renewed.

(1) the holder of a Certificate of Aircraft Registration must renew the Certificate by verifying, in a form and manner prescribed by the President, that the information provided in accordance with § 48.9 of this subpart is accurate and if it is not, provide updated information. The verification may take place at any time within the six months preceding the month in which the Certificate of Aircraft registration expires.

(2) the expiry date of a certificate issued under this paragraph must be not later than three years from the expiration date of the previous certificate.

(d) Other events affecting effectiveness of Certificate. Each Certificate of Aircraft Registration

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issued by GACA under this subpart is effective, unless registration has ended by reason of having been revoked, canceled, expired, or the ownership is transferred, until the date upon which one of the following events occurs:

- (1) the aircraft is registered under the laws of a foreign country.
- (2) the unmanned aircraft is totally destroyed or scrapped.
- (3) the holder of the Certificate of Aircraft Registration loses the Kingdom of Saudi Arabia citizenship.
- (4) thirty days have elapsed since the death of the holder of the Certificate of Aircraft Registration.
- (5) the owner, if an individual who is not a citizen of the Kingdom of Saudi Arabia, loses status as a resident.

### **§ 48.15 Registration: UAS Operators Intending To Use Unmanned Aircraft Exclusively in the Open Category of UAS Operation.**

(a) Effective date of registration. An aircraft is registered when the applicant receives a Certificate of Aircraft Registration. The effective date of registration is shown by the date of issue on the Certificate of Aircraft Registration issued under this Part.

(b) Registration renewal. The expiry date of a Certificate of Aircraft registration issued under this Part must be not later than 3 years after the date of issue, unless it is renewed.

(1) The holder of a Certificate of Aircraft Registration must renew the Certificate by verifying, in a form and manner prescribed by the President, that the information provided in accordance with § 48.9 (b) and (c) of this subpart is accurate and if it is not, provide updated information. The verification may take place at any time within the six months preceding the month in which the Certificate of Aircraft registration expires.

(2) The expiry date of a certificate issued under this paragraph must be not later than three years from the expiration date of the previous certificate.

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(c) Other events affecting effectiveness of Certificate. Each Certificate of Aircraft Registration issued by GACA under this subpart is effective, unless registration has ended by reason of having been revoked, canceled, expired, or the ownership is transferred, until the date upon which one of the following events occurs:

- (1) the holder of the Certificate of Aircraft Registration loses the Kingdom of Saudi Arabia citizenship.
- (2) Thirty days have elapsed since the death of the holder of the Certificate of Aircraft Registration.
- (3) The owner, if an individual who is not a citizen of the Kingdom of Saudi Arabia, loses status as a resident.

### **§ 48.17 Invalid registration.**

The registration of an unmanned aircraft is invalid if, at the time it is made:

- (a) The aircraft is registered in a foreign country;
- (b) The applicant is not the owner, except when the applicant registers on behalf of an owner who is under 18 years of age; or
- (c) The applicant is not eligible to submit an application under this Part.

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**SUBPART C - AIRCRAFT MARKING**

**§ 48.19 General.**

(a) No person may operate an unmanned aircraft registered in accordance with this Part unless the aircraft displays a unique identifier in accordance with the requirements of § 48.21 of this subpart.

(b) A unique identifier is one of the following:

(1) the registration number issued to the UAS operator or registration number issued to the aircraft by the Registry upon completion of the registration process provided by this Part; or

(2) if authorized by the President and provided with the application for Certificate of Aircraft Registration under § 48.9 of this Part, the unmanned aircraft serial number.

**§ 48.21 Display and Location of Unique Identifier.**

(a) The unique identifier must be maintained in a condition that is legible.

(b) The unique identifier must be affixed to the unmanned aircraft by any means necessary to ensure that it will remain affixed for the duration of each operation.

(c) The unique identifier must be readily accessible and visible upon inspection of the unmanned aircraft. A unique identifier enclosed in a compartment is readily accessible if it can be accessed without the use of any tool.

**§ 48.23 Label indicating eligibility for the Specific category of Operations.**

(a) To be qualified for UAS operations in the Specific category, the unmanned aircraft must display a label or QR-code indicating eligibility to conduct UAS operations in the Specific category.

(b) The label or QR-code as referred to under Section (a) of this paragraph must only be used with a valid Operational Authorization or UAS Operator Certificate issued by the GACA under GACAR Part 107, and must be removed after expiration of the approval for operations in the Specific category.