

PERATURAN DIREKTUR JENDERAL PERHUBUNGAN UDARA

NOMOR: KP 242 TAHUN 2019

TENTANG

PETUNJUK TEKNIS PERATURAN KESELAMATAN PENERBANGAN SIPIL BAGIAN  
8900-12.01 (*STAFF INSTRUCTION PART 8900-12.01*) TENTANG PENGENALAN  
DAN PENDAFTARAN PESAWAT UDARA KECIL TANPA AWAK (*SMALL UNMANNED  
AIRCRAFT REGISTRATION AND IDENTIFICATION*)

DENGAN RAHMAT TUHAN YANG MAHA ESA

DIREKTUR JENDERAL PERHUBUNGAN UDARA,

- Menimbang : a. bahwa dalam Sub Bagian D Peraturan Keselamatan Penerbangan Sipil Bagian 107 tentang Pesawat Udara Kecil Tanpa Awak mengatur ketentuan tentang pengenalan dan pendaftaran pesawat udara kecil tanpa awak;
- b. bahwa dalam rangka memberikan panduan bagi inspektur penerbangan terkait pelaksanaan pengenalan dan pendaftaran pesawat udara kecil tanpa awak maka dipandang perlu disusun suatu Petunjuk Teknis;
- c. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a dan b, perlu ditetapkan Peraturan Direktur Jenderal Perhubungan Udara tentang Petunjuk Teknis Peraturan Keselamatan Penerbangan Sipil Bagian 8900-12.01 (*Staff Instruction Part 8900-12.01*) tentang Pengenalan dan Pendaftaran Pesawat Udara Kecil Tanpa Awak (*Small Unmanned Aircraft System Registration and Identification*);
- ;Mengingat : 1. Undang-Undang Republik Indonesia Nomor 1 Tahun 2009 tentang Penerbangan (Lembaran Negara Republik Indonesia Tahun 2009 Nomor 1, Tambahan Lembaran Negara Republik Indonesia Nomor 4956);

2. Peraturan Presiden Nomor 7 Tahun 2015 tentang Organisasi Kementerian Negara (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 5);
3. Peraturan Presiden Nomor 40 Tahun 2015 tentang Kementerian Perhubungan (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 75);
4. Peraturan Menteri Perhubungan Nomor 59 Tahun 2015 tentang Kriteria, Tugas, dan Wewenang Inspektur Penerbangan (Berita Negara Republik Indonesia Tahun 2015 Nomor 409) sebagaimana telah diubah dengan Peraturan Menteri Perhubungan Nomor PM 142 Tahun 2016 tentang Perubahan atas Peraturan Menteri Perhubungan Nomor PM 59 Tahun 2015 tentang Kriteria, Tugas dan Wewenang Inspektur Penerbangan (Berita Negara Republik Indonesia Tahun 2016 Nomor 1684);
5. Peraturan Menteri Perhubungan Nomor 163 Tahun 2015 tentang Peraturan Keselamatan Penerbangan Sipil Bagian 107 tentang Pesawat Udara Kecil Tanpa Awak (*Small Unmanned Aircraft System*);
6. Peraturan Menteri Perhubungan Nomor 47 Tahun 2016 tentang Perubahan Atas Peraturan Menteri Perhubungan Nomor PM 180 Tahun 2015 tentang Pengendalian Pengoperasian Sistem Pesawat Udara Tanpa di Ruang Udara yang dilayani Indonesia

MEMUTUSKAN :

Menetapkan : PERATURAN DIREKTUR JENDERAL PERHUBUNGAN UDARA TENTANG PETUNJUK TEKNIS PERATURAN KESELAMATAN PENERBANGAN SIPIL BAGIAN 8900-12.01 (STAFF INSTRUCTION PART 8900-12.01) TENTANG PENGENALAN DAN PENDAFTARAN PESAWAT UDARA KECIL TANPA AWAK (*SMALL UNMANNED AIRCRAFT SYSTEM REGISTRATION AND IDENTIFICATION*).

Pasal 1

Memberlakukan Petunjuk Teknis Peraturan Keselamatan Penerbangan Sipil Bagian 8900-12.01 (*Staff Instruction Part 8900-12.01*) tentang Pengenalan dan Pendaftaran Pesawat Udara Sipil Tanpa Awak (*Small Unmanned Aircraft System Registration and Identification*) sebagaimana tercantum dalam Lampiran yang tidak terpisahkan dari Peraturan ini.

Pasal 2

Direktur Kelaikudaraan dan Pengoperasian Pesawat Udara mengawasi pelaksanaan Peraturan ini.

Pasal 3

Peraturan ini mulai berlaku pada tanggal ditetapkan.

Ditetapkan : Jakarta

Pada tanggal : 9 SEPTEMBER 2019

DIREKTUR JENDERAL PERHUBUNGAN UDARA

ttd

POLANA B. PRAMESTI

Salinan sesuai dengan aslinya

KEPALA BAGIAN HUKUM



ENDAH PURNAMA SARI  
Pembina I (IV/b)  
NIP. 19680704 199503 2 001

# **Staff Instruction**

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**SI 8900-12.01**

**Small Unmanned Aircraft**

**Registration and Identification**

Amendment : 0  
Date : September 2019

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**REPUBLIC OF INDONESIA - MINISTRY OF TRANSPORTATION  
DIRECTORATE GENERAL OF CIVIL AVIATION  
JAKARTA - INDONESIA**

**AMENDMENT RECORD LIST**

<b>Amendment No.</b>	<b>Issue Date</b>	<b>Inserted By</b>	<b>Insertion Date</b>
Original Issue		DAAO	

**SUMMARY OF AMENDMENT**

<b>Amendment No.</b>	<b>Sources</b>	<b>Subjects</b>	<b>Approved</b>

## FOREWORD

1. PURPOSE : This Staff Instruction prescribes responsibilities, policies, and procedures to be used by the Directorate of Airworthiness and Aircraft Operation (DAAO) for the evaluation and issuance of Small Unmanned Aircraft Certificate of Registration. This Staff Instruction may be made available to the public so that they may better understand the authority and responsibilities of DGCA.
2. REFERENCE : This Staff Instruction should be used in accordance with the applicable regulations.
3. CANCELLED :
4. AMENDMENT : The amendment of this Staff Instruction shall be approved by Directorate General of Civil Aviation.

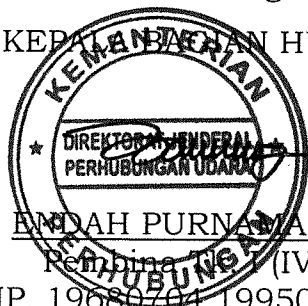
DIRECTOR GENERAL OF CIVIL AVIATION

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POLANA B.PRAMESTI

Salinan sesuai dengan aslinya

KEMENTERIAN HUKUM



EMDAH PURNAMA SARI

Perhubungan (IV/b)

NIP. 19680701 199503 2 001

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## CHAPTER 1 GENERAL

### 1. Purpose

This Staff Instruction prescribes responsibilities, policies, and procedures to be used by the Directorate of Airworthiness and Aircraft Operations (DAAO) for the evaluation and issuance of Small Unmanned Aircraft Certificate of Registration. This Staff Instruction may be made available to the public so that they may better understand the authority and responsibilities of DGCA.

### 2. Regulatory and References

Civil Aviation Safety Regulations (CASR) Part 107 establishes the regulatory basis for small unmanned aircraft registration and identification.

### 3. Knowledge of Requirements

The Directorate of Airworthiness and Aircraft Operations (DAAO) Inspectors should be thoroughly familiar with the regulatory references when using these instructions.

### 4. Definitions

Applicant mean owner or person authorized by owner.

Owner includes a buyer in possession or if an aircraft is owned by more than one person, it must be appointed one to law on their behalf in order to register the aircraft.

Small unmanned aircraft (sUA), means an unmanned aircraft weighing less than 55 pounds including everything that is on board the aircraft.

Small unmanned aircraft system (small UAS), means a small unmanned aircraft and its associated elements (including communication links and the components that control the small unmanned aircraft) that are required for the safe and efficient operation of the small unmanned aircraft in the national airspace system.

The holder of Small Unmanned Aircraft Certificate of Registration mean person who appear name at the certificate.

UAS operator. Means any natural or legal person who operated or intends to operate a UAS for recreational or other than recreational purposes, including commercial purposes.

### 5. Applicability

This procedure applies to small unmanned aircraft for registration in Indonesia which aircraft weighing between more than 250 gr and less than 55 pounds including everything that is onboard the aircraft.

This procedure not applies for air carrier operation, any aircraft subject to provision of CASR 101, any aircraft that meet the criteria specified in section CASR 47.3.

## 6. **Eligibility**

A small unmanned aircraft may be registered under Part 107 only when.

- a. The aircraft is not registered under the laws of a foreign country
- b. Owned by Indonesian citizen or Indonesian legal body qualified to be the owner or owners of an sUAS

## **CHAPTER 2 SMALL UNMANNED AIRCRAFT REGISTRATION**

### **1. Registration**

- a. Evaluation will made by DAAO Inspector and upon find applicant has been comply paragraph 1.1, DGCA will issue letter for assigning registration mark.
- b. Upon applicant received letter for assigning registration mark, applicant have to identified unmanned aircraft according CASR 107.94.
- c. DGCA Form 107-05 Small Unmanned Aircraft Registration & Renewal/ Replacement Record will be used by the assigned Inspector as documentations of Small Unmanned Aircraft Certificate of Registration.
- d. Upon completion of requirements, Small Unmanned Aircraft Certificate of Registration will be issued and shall be contain information as below:
  - i. The owner's name and address;
  - ii. Manufacturer;
  - iii. Aircraft Model;
  - iv. Serial number of the aircraft;
  - v. Identification Marks;
  - vi. Date of issuance;
  - vii. The expiry dates.

### **2. Renewal and Replacement**

- a. Small Unmanned Aircraft Certificate of Registration shall remain valid for the period of validity specified in the certain certificate and shall not exceed three years from the date of each issuance. The holder of Small Unmanned Aircraft Certificate of Registration may request for renewal aircraft registration. Application shall be made on DGCA Form 107-03 with the attachment as stated at paragraph 1.1.
- b. The holder of Small Unmanned Aircraft Certificate of Registration may request replacement Small Unmanned Aircraft Certificate of Registration when it lost, stolen or mutilated. Application shall be made on DGCA Form 107-03 and shall submitted with the evidence.
- c. The holder of Small Unmanned Aircraft Certificate of Registration may request replacement of certificate due to change of ownership or change of address. Application shall be made on DGCA Form 107-03 and shall submitted with the evidence.
- d. Upon completion of requirements, renewal/replacement Small Unmanned Aircraft Certificate of Registration will be issued.

### **3. Cancellation of Registration**

- a. Small Unmanned Aircraft Certificate of Registration shall remain valid for the period of validity specified in the certain certificate and shall not exceed three years from the date of each issuance unless otherwise has ended by reason of having been revoked, canceled or expired or registered in a foreign country.
- b. The holder of Small Unmanned Aircraft Certificate of Registration may request cancellation of registration for any reason including transfer,

destruction, or export. Application shall be made on DGCA Form 107-04 "Application for Cancellation of Small Unmanned Aircraft Registration" and shall be submitted with the evidence.

- c. Upon completion requirements as DGCA Form 107-06 "Check List Cancellation of Registration for Small Unmanned Aircraft", cancellation of registration will be issued.

**CHAPTER 3 SMALL UNMANNED AIRCRAFT IDENTIFICATION**

Each unmanned aircraft eligible for registration have to identified according CASR 107.94 as below:

1. Unless otherwise authorized by Director General, no person may place on the aircraft a design, marks or symbols that modifies or confuses the identification marks.
2. Any lettering and signs may be displayed on the aircraft if the location, size, shape and color of lettering and signs does not interfere with the easy recognition of and is not causing confusion with the identification marks.
3. The identification marks must be painted on the aircraft or affixed by any other means insuring not easily be defaced or peeled off. In addition, it must have no ornamentation, contrast in color with the background, and be legible.
4. The identification marks shall be displayed on the bottom surface of the aircraft and or on both side of the aircraft (if applicable).
5. The width of each character (except number 1) shall be two-thirds of the height of a character. In addition, the width of number 1 shall be one-sixth of the height of character.
6. The thickness of the character and the spacing between character shall be one-sixth of the height of a character.
7. The size of identification marks on the bottom surface shall be at least 15 centimeters and on the side shall be at least 5 centimeters. If the aircraft surface is not large enough to meet size requirement.
  - a. If one of the surface authorized for displaying required marks is large enough to display marks meeting the size requirement, and the other authorized surface is not enough, it is required to display full size marks on the larger surface;
  - b. If neither authorized surface is large enough for full size marks, it is required to display marks as large as practicable on the largest authorized surface.
8. Displaying identification marks but not as specified in this subpart maybe requested an authorization by Director General.

**CHAPTER 4 AIRCRAFT REGISTRATION DATABASE & RECORD  
RETENTION**

1. The purpose of the database is to store data for later recall and to display them in various forms that will aid in monitoring and management of unmanned aircraft registration in Indonesia.
2. DGCA Inspector shall record data of unmanned aircraft registration as describe on DGCA Form 107-05.
3. Unmanned Registration records shall be maintained as long as the aircraft registered in the Indonesia Civil Aircraft Register.
4. Cancellation of registration records shall be maintained for two years.

## APPENDIX A

### 1. LIST OF APPLICABLE FORMS

- a. DGCA Form No. 107-02, Application for Small Unmanned Aircraft Certificate of Registration;
- b. DGCA Form No. 107-04, Small Unmanned Aircraft Certificate of Registration;
- c. DGCA Form No. 107-05, Application for Renewal/Replacement of Small Unmanned Aircraft Certificate of Registration;
- d. DGCA Form No. 107-06, Application for Cancellation of Small Unmanned Aircraft Certificate of Registration;
- e. DGCA Form No. 107-07, Small Unmanned Aircraft Certificate of Registration and Renewal/Replacement Record;
- f. DGCA Form No. 107-08, Checklist Cancellation of Registration for Small Unmanned Aircraft.

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