



CIVIL AVIATION REGULATIONS ON UAS OPERATION IN SRI LANKA



BY

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ASSISTANT MANAGER – AVIATION SAFETY MONITORING

- International Civil Aviation Organization (ICAO) Requires DGCA to Regulate UAS

Chicago Convention – Article 8



Pilotless Aircraft

No aircraft capable of being flown without a pilot shall be flown without a pilot over the territory of a contracting State without special authorization by that State and in accordance with the terms of such authorization. Each contracting State undertakes to insure that the flight of such aircraft without a pilot in regions open to civil aircraft shall be so controlled as to obviate danger to civil aircraft.

- **Local Legal Requirement for UAS Regulation in Sri Lanka**

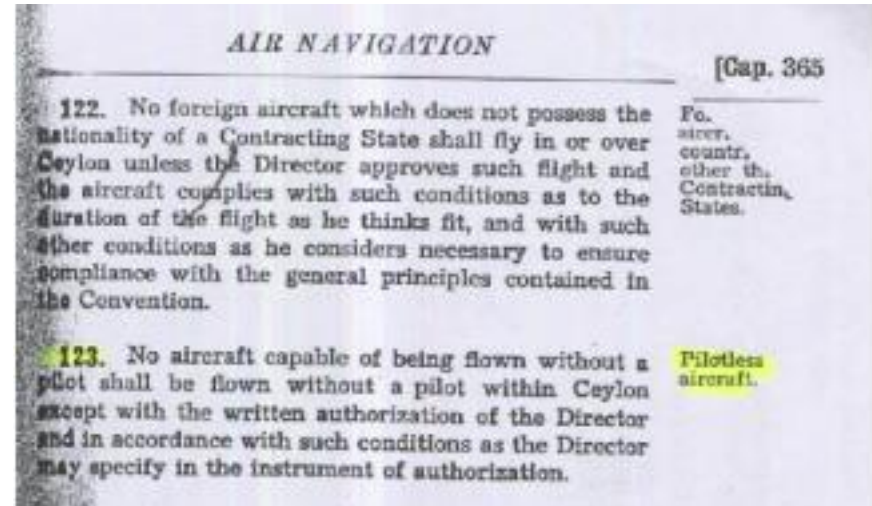
Even from the earliest days of Civil Aviation in Sri Lanka (then Ceylon), DGCA was required to regulate 'Pilotless Aircraft' Operations

as per Air Navigation Regulations of Ceylon 1955 Section 123

As per Civil Aviation Act No. 14 of 2010

also has a reference to Pilotless Aircraft requiring Approval of the DGCA

Pilotless
aircrafts.



80. An aircraft capable of being flown without a pilot shall not be operated within the territory of Sri Lanka, except under the authority and in accordance with the terms and conditions of a special permit issued by the Director General for that purpose and on the payment of the prescribed fee.


- Considering the huge growth of Drone use in Sri Lanka, CAASL decided to issue an Implementing Standard under Civil Aviation Act to Regulate Drone Operations in Sri Lanka.

SLCA-IS 053

- 1st Edition/1st Issue : 27th August 2015
prescribed only a limited number of conditions.
- 1st Revision : 25th February 2016
prescribed a few more additional conditions to address developing trends
- 2nd Revision : 10th January 2017
drafted incorporating developing trends, MOD/OCDS concerns/interests, international
- These Drone Regulations were Gazetted in all 3 Languages (Sinhala/ Tamil/ English) in May 2016

Requirements for Operation of Pilotless Aircraft (Unmanned Aerial Vehicles/Remotely Piloted Aircraft/Drones)

Democratic Socialist Republic of Sri Lanka



Civil Aviation Authority of Sri Lanka

Implementing Standards
(Issued under Sec. 120, Civil Aviation Act No. 14 of 2010)

Title: Requirements for Operation of Pilotless Aircraft
(Unmanned Aerial Vehicles/Unmanned Aircraft Systems/Remotely Piloted Aircraft/Drones)


Reference No. : CA-IS-2017-GEN-001 SLCAIS : 053 Date: 10th January 2017

Pursuant to Sec.120 of the Civil Aviation Act No.14 of 2010 which is hereinafter referred to as the CA Act, Director General of Civil Aviation has the power to issue, whenever he considers it necessary or appropriate to do so, such Implementing Standards for the purpose of giving effect to any provision in the CA Act, Regulations or Rules made thereunder including the Articles of the Convention on International Civil Aviation specified in the Schedule to the CA Act.

Accordingly I, being the Director General of Civil Aviation do hereby issue the Implementing Standards as mentioned in the Attachment hereto (Ref: CA-IS-2016-GEN-001-Att.01, titled **Requirements for Operation of Pilotless Aircraft (Unmanned Aerial Vehicles/Unmanned Aircraft Systems/Remotely Piloted Aircraft/Drones)**) that shall be complied with when operating pilotless aircraft-under the provision of Section 80 of the CA Act, Article 8 of its Schedule or the applicable International Standards and Recommended Practices specified in Appendix 4 of Annex 2 to the Convention.

This Implementing Standard (IS) which supersedes IS-053 dated 25th February 2016 shall come in to force with immediate effect and remain in force until further notice.

Attention is also drawn to Section 103 of the CA Act, which states inter alia that failure to comply with Implementing Standard is an offence.


H.M.C. Nimal Siri
Director General of Civil Aviation and
Chief Executive Officer

Civil Aviation Authority of Sri Lanka
04, Hunupitiya Road
Colombo 02.

Enclosure: Attachment No. CA-IS-2016-GEN-001-Att.01

Page : 1 of 12 First Edition Rev: 02 Date: 10th January 2017

Key Aspects of the SLCAIS 053

- Divided into four main categories

<u>Mass</u>	<u>Category of Pilotless aircraft</u>
25 kg or above	A
Above 1 kg but below 25 kg	B
Above 200 g but at or below 1 kg	C
200 g or below	D

- Registration

All UAS fitted with a sensor able to capture data (ex: camera) should register with CAASL

Category A should comply with the rules and regulation uses for manned aircrafts

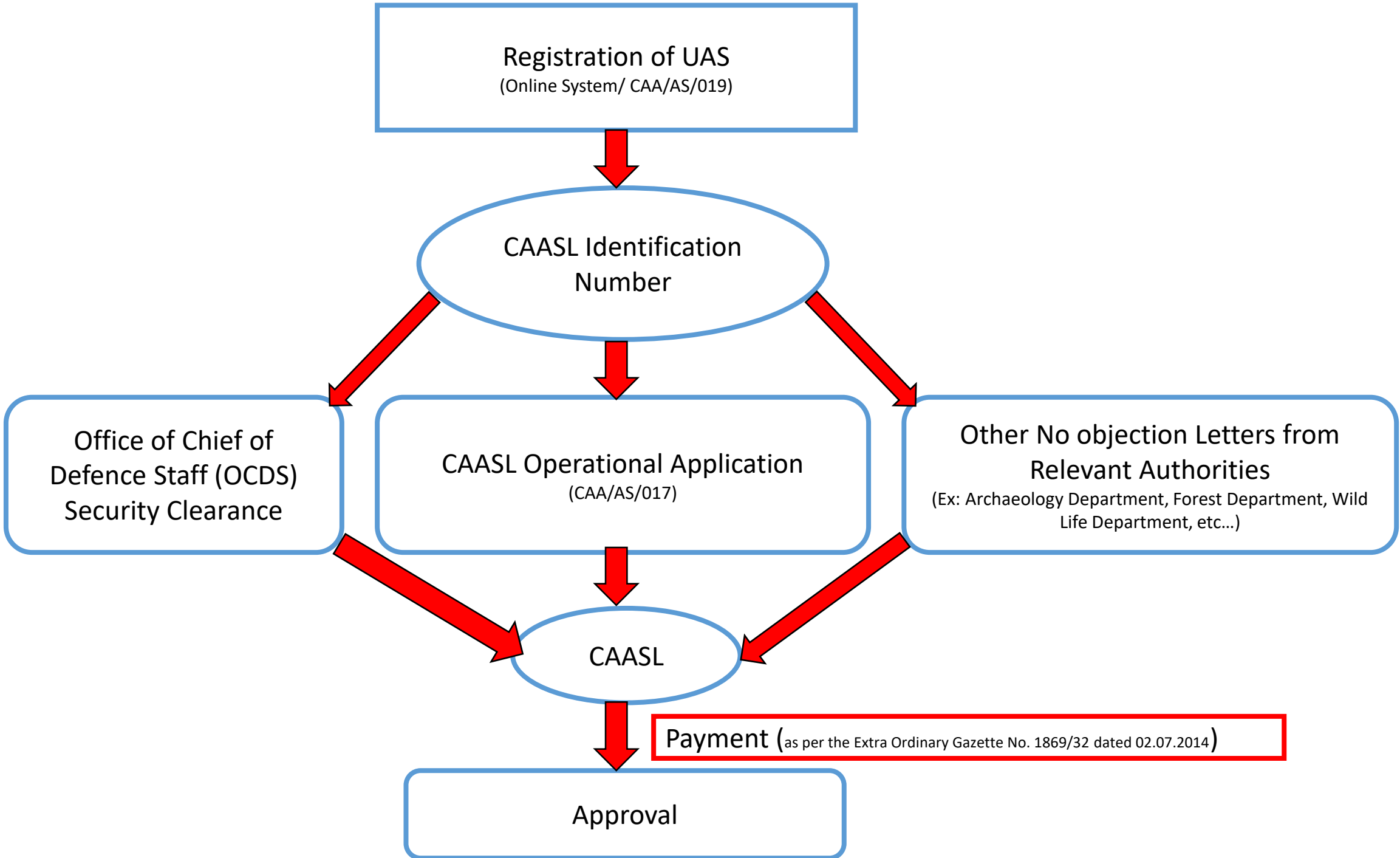
Category D not fitted with any sensor able to capture data (ex: camera) exempted from the registration

- ❖ Operators, Vendors, Designers, Manufactures, Assemblers, Importers and Exporters should register with CAASL

- Operation Approval

Operation Approval shall vary according to the category, purpose, Location & Altitude

Category	Purpose	Location	Altitude	Any Sensor able to capture Data	Registration	MOD/ OCDS & Other Approvals	CAASL Approval
D (200g or below)	Recreational, Hobby, Educational	Own Premises, with permission of Premises Owner or Designated Places	At or below 150 ft	No	No	No	No
	Commercial	Any	Any above 150 ft	Yes or No	CAASL	Yes	Yes
C (At or below 1kg & above 200g)	Any	Any	At or below 150 ft	No	CAASL or Authorized Vendor	Yes	Yes
				Yes	CAASL		
			Any above 150 ft	Yes or No	CAASL	Yes	Special Approval
B (Below 25kg & above 1kg)	Any	Any	At or below 150 ft	Yes or No	CAASL	Yes	Yes
			Any above 150 ft	Yes or No	CAASL	Yes	Special Approval
A (25kg or above)	Any	Any	Any	Yes or No	CAASL	Yes	Special Approval



Key Challengers Face by CAASL

- National Security of the Country
- Economically Sensitive Locations such as Power Plants, Airports
- Damage to third party
- Privacy of People
- Exploitation of our Heritage in Wildlife, Archeology/History & Culture

Actions taken by CAASL to Mitigate Current Issues

- Conduct Public Awareness Programs about Drone Operations
 - To Police Department
 - Local Drone Operators
 - School Children
- Web Banner on our own CAASL Website & websites of AASL, MOD, Police, SLTPB etc;
- TV Crawlers, Radio Brief Broadcasts, Feature Articles in Newspapers,

Current Situation in Sri Lanka

Due to the Easter Sunday attacks, Ministry of Defence
Suspended all Drone Operations in Sri Lanka



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EXTRAORDINARY

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PART I : SECTION (I) — GENERAL
Government Notifications

NOTICE

BY virtue of powers vested in me by Section 34(1) of Civil Aviation Act, No. 14 of 2010, I, Maithripala Sirisena Minister of Defence hereby Prohibit the navigation of Air Crafts described in Schedule in or over the territory of Sri Lanka by any person other than a member of Tri forces or police officer until further notice.

MAITHRIPALA SIRISENA,
Minister of Defence.

12th May, 2019.

SCHEDULE

- i. Any Unmanned Aircraft
- ii. Any Drone

Thank You