



CAAM STANDARD REQUIREMENT FOR THE APPLICATION OF DRONE PERMIT (Below 20kg)

Unmanned Aircraft Systems (UA) or Drone

An unmanned aircraft (UA), commonly known as a drone, is operated without a pilot on board. An unmanned aircraft system (UAS) consists of the UA and associated elements such as the remote control equipment.

Before you fly your UA/Drone

Given Malaysia's busy airspace and densely populated urban environment, the flying of an UA/Drone must be carried out in a safe and responsible manner. If not carried out properly, the operation of UA/Drone may pose a risk to aviation and public safety. We would like to highlight that every operator is responsible for understanding and abiding by the rules, including recreational or research uses of the UA/Drone. For more information on the regulations, you may refer to the MCAR 2016, Section XVI, paragraph 140-144.

Below is the standard requirement to obtain permit/flight approval - Drone from CAAM

1. **Department of Survey and Mapping Malaysia's (JUPEM) approval letter** for mapping, aerial photography, filming and videography activities.

- Apply through Website JUPEM

KETUA PENOLONG PENGARAH KESELAMATAN
JABATAN UKUR DAN PEMETAAN MALAYSIA
WISMA JUPEM, JALAN SULTAN YAHYA PETRA
50578 KUALA LUMPUR.
Tel: 6 03-26170946/734
Fax: 6 03-26980505

2. **Chief Government Security Office's (CGSO) approval letter**

- For all restricted area in Malaysia including Putrajaya
- List of restricted areas in Malaysia, please contact **CGSO** for details

PEJABAT KETUA PEGAWAI KESELAMATAN KERAJAAN MALAYSIA
JABATAN PERDANA MENTERI,
ARAS -1,1 DAN 2, BLOK B7

PUSAT PENTADBIRAN KERAJAAN PERSEKUTUAN
62502 PUTRAJAYA
Tel: 6 03-80008000 (1MOCC)
Fax: 6 03-88883258

3. **Sabah and Sarawak Chief Minister's (CM) approval letter**

- UA/Drone activity (s) in Sabah or Sarawak

SABAH CHIEF MINISTER OFFICE
SECRETARY OF STATE INTERNAL AFFAIRS & RESEARCH
Tel: 088-328000

JABATAN KETUA MENTERI
(UNIT PEMODENAN PERKHIDMATAN NEGERI)
TINGKAT 12, WISMA BAPA MALAYSIA,
PETRA JAYA,
93502 KUCHING,
SARAWAK.
Tel: 082-441 957
Fax: 082-447298

JABATAN TANAH DAN UKUR
88576, KOTA KINABALU, SABAH
Tel: 088-527600/527601
Fax: 088-413677/413626

4. Approval letter from **Malaysia Communications and Multimedia Commission (MCMC)** is compulsory for the Foreign Drone Pilot.

- In order for them to operate in Malaysia airspace to obtain Central Agencies Committee for Applications for Filming and Performances by Foreign Artistes (**PUSPAL**) approval letter

MALAYSIA COMMUNICATIONS AND MULTIMEDIA COMMISSION
MCMC TOWER 1, JALAN IMPACT
CYBER 6, 63000 CYBERJAYA
SELANGOR DARUL EHSAN
Tel: 6 03 - 8688 8000
Fax: 6 03 - 8688 1000
Website: www.mcmc.gov.my

5. Approval letter from the other agencies which is related to the particular flying area (s).

- Date of operations / activities

- Time of operations / activities
- Radius and Coordination (Images in google Earth view)
KMZ is a **file** extension for a place mark **file** used by Google Earth
 – 4 points coordinate that covered all your flying activities / events / festival.
- Height of flying – 20meter height
- Drone specifications – Technical specification regarding
- Drone pilot information
 - **Copy of Passport / Identity Card**
 - **Contact number**
 - **Email address**
- Operations / Activities purposes
- Company Details

Please provide all information (FLIGHT DETAILS) in a paper:

Example:

- a) Date : 14 February 2017
- b) Time : 0600-2300 hours
- c) Location/Coordinate : DMS format (Degree, Minutes, Seconds)

0° 0' 0.0000" N, 0° 0' 0.0000" E
 0° 0' 0.0000" N, 0° 0' 0.0000" E
 0° 0' 0.0000" N, 0° 0' 0.0000" E
 0° 0' 0.0000" N, 0° 0' 0.0000" E

(To provide point at every corner of the rectangular that you want to fly that the point is at the centre).

- d) Height from AMSL : Meters AMSL/AGL
- e) Maps image : Image

Note : For each locations (1 Location 1 paper)

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- Refer to **No. 3**, flying activity(s) mostly at Kuala Lumpur area(s) and the individual or the company or the operator need to obtain clearance letter from related agencies such as Dewan Bandaraya Kuala Lumpur (DBKL).

6. Civil Aviation (Fees and Charges) Regulations 2016.

Regulation 97	
RM250.00	RM250 per Drone (for the Drone/UAS that below 20kg)
RM1000.00	RM1000 per Drone (for the Drone/UAS that more than 20kg)
Need to have Private Pilot Licence (PPL) or Commercial Pilot Licence (CPL) to make sure that pilot itself capable in rating and have knowledge regarding the rules and regulations in aviation industry.	

7. Guidelines:

No	Note – No Fly Zone & Restrictions
1	In Class A, B, C or G airspace
2	Within the aerodrome traffic zone
3	At the height of more than 400 feet above the surface of the earth / ground level
4	Limited to Visual Line of Sight (VLOS) operation.
5	Doing the aerial work using unmanned aircraft system
6	Over any designated area such as residential, commercial, industrial or recreational purpose areas; <ul style="list-style-type: none"> i. Within 150m of any designated area ii. Over any assembly in the open air of more than 1000 peoples iii. Within 50 meters of any vessel, vehicle or structure which is not under the control of person in charge of the aircraft iv. Within 50 meters of any person v. Within 30 meters of any person during take-off or landing

8. Drone(s) in use must be:

- i. certified by SIRIM and must provide copy of SIRIM's certificate approval;
- ii. approved SIRIM's frequency as attached at the end of this requirement;

- iii. if other than approved frequency, the applicant must get ‘Apparatus assignment’ (AA) from MCMC;
- iv. Radiated power (EIRP) not more than approved by SIRIM.

9. Kindly submit the application with all related documents to CAAM (Strategic Affairs Division) within **14 working days before date of operation** for our perusal and action. Incomplete applications will not be processed.

10. Enforcement

Note (Reg. 206, (1) (2) (3) (4) 3rd Schedule Part C)	
Penalty can be imposed of convicted for commit offences related to UAS regulations:	
<ul style="list-style-type: none"> i. Individual <ul style="list-style-type: none"> - Fine not exceeding RM25,000 or imprisonment not exceeding 1 year, or to both; ii. Body corporate <ul style="list-style-type: none"> - Fine not exceeding RM80,000. 	Or
<ul style="list-style-type: none"> i. Individual <ul style="list-style-type: none"> - Fine not exceeding RM50,000 or imprisonment not exceeding 3 years, or to both; ii. Body corporate <ul style="list-style-type: none"> - Fine not exceeding RM1000,000. 	
SAFETY, INCIDENT AND ACCIDENT REPORTING	
Report shall be dispatched to CAAM within 48 hours of the occurrence coming to the knowledge of the person making the report. AIC 4/2008.	

11. For any inquiries or questions, please contact:

No	Person in Charge	Tel/Fax/Email
1	Mr. Azahar Ahmad or Mrs. Fresnazlin Ramli Strategic Affairs Division Civil Aviation Authority of Malaysia No.27 Persiaran Perdana, Level 4 Podium A Precinct 4, 62618 PUTRAJAYA	6 03 - 8871 4239 / 4338 / 4234 6 03 – 8890 1640 azahar@caam.gov.my or freshnazlin@caam.gov.my or drone@caam.gov.my



MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION
Suruhanjaya Komunikasi dan Multimedia Malaysia

NOTICE

USE OF FREQUENCIES FOR UNMANNED AIRCRAFT SYSTEMS

The Malaysian Communications and Multimedia Commission (MCMC) hereby informs that the radio communication equipment used by Unmanned Aircraft System (UAS) must adhere to the specific technical parameters indicated under Second Schedule of the Class Assignment as stated below:

Radio Frequencies	Maximum Equivalent Isotropically Radiated Power (EIRP)
433.00 MHz - 435.00 MHz	100 mW
2400.00 MHz - 2500.00 MHz	500 mW
5725.00 MHz - 5875.00 MHz	1 W

Technical Parameters

Use of specific technical parameters other than as specified in the table above should require prior written approval from MCMC.

The UAS operating under the Class Assignment shall not be afforded protection from any interference and shall not be operated contrary to the Communications and Multimedia Act 1998, or in such a way that endangers the lives or safety of the public, animal or property.

Under the Class Assignment, UAS devices shall be certified by MCMC or its registered certifying agency in accordance with the Communications and Multimedia (Technical Standards) Regulations 2000, and shall bear a certification label as approved by MCMC. Please refer to www.mcmc.gov.my for details of the Class Assignment.

A person, agency or organization that intends to operate the UAS shall require approval from the Department of Civil Aviation Malaysia.

Use of UAS for specific purposes may require approval from relevant agencies or authorities.

For further enquiries, please contact:-

Spectrum Planning Division
Malaysian Communications and Multimedia Commission

MCMC Tower 1,
 Jalan Impact, Cyber 6,
 63000 Cyberjaya, Selangor
 Tel : +603 8688 8000
 Fax : +603 8318 8181

www.mcmc.gov.my