

ADVISORY INFORMATION 22/2022

15 November 2022



CAAM'S INITIATIVE ON FLOOD RELIEF AND EMERGENCY UAS OPERATIONS

1 Introduction

- 1.1 Following the weather prediction issued by MetMalaysia, floods may occur at the end of November, subject to continuous heavy rainfall. As an early preparation, a Special Emergency Drone Task Force (PTKDron2022) has been launched by Malaysia Research Accelerator for Technology and Innovation (MRANTI).
- 1.2 The Civil Aviation Authority of Malaysia (CAAM) is currently reviewing 12 applicants that have applied to be a part of the PTKDron2022 team in assisting the Fire and Rescue Department of Malaysia in emergency response operations, where required.

2 Purpose

- 2.1 In 2021, floods caused by the Tropical Depression 29W had badly affected some parts of Klang Valley. During that period, CAAM issued multiple Special Approvals for the PTK2Dron 2021 team that was involved in assisting the Malaysian Space Agency (MYSA). The assistance included:
 - a) Situational Analysis;
 - b) Search and Rescue;
 - c) Waterflow analysis; and
 - d) Recovery monitoring.
- 2.2 Effective humanitarian aid and emergency response requires prior planning, careful coordination, and approved or qualified operators to ensure the needed aid is delivered safely, dependably, efficiently, and effectively.
- 2.3 However, CAAM understands that these humanitarian missions due to the catastrophic event requires great urgency. Based on the level of urgency, a lengthy application submission would be inordinate and a reduced requirement is needed without compromising safety. Nonetheless, CAAM is preparing ahead of time, and this Advisory Information (AI) is to provide information to applicants (public and government) who would like to volunteer for the following year (2023).

3 Application

3.1 Interested applicants may submit their interest to drone@caam.gov.my with the email subject: "APPLICATION FOR FLOOD RELIEF AND EMERGENCY UAS OPERATIONS 2023".

3.1.1 The email request must include the following information:

- a) Name of Accountable Manager
- b) Name and contact number
- c) Brief profile of your organisation

3.1.2 Applicants will receive an online form where they are required to provide information and attach evidence as proof of their experience.

3.1.3 Once all the required information is submitted, CAAM will contact the applicant directly for any follow-up questions.

3.2 Closing Date

3.2.1 Submission of supporting documents and the online form must be completed by 31 November 2022.

3.3 Additional Requirements

3.3.1 Applicants may be subjected to a tabletop exercise and a demonstration.

3.4 Further Information

3.4.1 For further information on the Application for Flood Relief and Emergency UAS Operations 2022, kindly email to drone@caam.gov.my.

4 Flying Your Drone in An Emergency Operations Area

4.1 In line with Regulation 98 of Civil Aviation Regulations 2016 (MCAR 2016), a person should not fly their drone in an area affecting public safety or where emergency operations are underway such as flood relief, police operations, a fire or firefighting efforts, or search and rescue areas.

4.2 All unmanned aircraft system operations must be authorised by CAAM. A person who contravenes with the provisions in the Civil Aviation Regulations shall be on conviction be liable to the penalty as stated in Regulation 206 of MCAR 2016.

5 Summary

- 5.1 CAAM looks forward to providing assistance to qualified individuals or organisation who wish to be part of the PTKDron team during the emergency response operations, should a flood occur. CAAM will continue to monitor all drone operations during this time to ensure the highest level of safety and security for the public and industry.



DATUK CAPTAIN CHESTER VOO CHEE SOON
Chief Executive Officer
for Civil Aviation Authority of Malaysia
15th November 2022