

University of Michigan Institutional Autonomous Systems Committee Unmanned Aircraft System Flight Log Report

Each outdoor UAS/sUAS flight associated with an approved University of Michigan (U-M) Institutional Autonomous Systems Committee (IASC) application must be logged by the Pilot in Command (PIC)/remote Pilot in Command (rPIC) and this information provided to the IASC. **This form is meant to log multiple flights for a single aircraft on a single date at one location.**

The U-M is required to report data to the FAA monthly on each flight conducted under the U-M's Section 333 Grant of Exemption/COA; when applicable, data from this form will be used for the monthly report to FAA. In addition, there are reporting requirements for certain abnormal flight operations and incidents/accidents/mishaps for flights conducted under a COA or under Part 107, as noted in the final section of this form.

PLEASE COMPLETE ALL REQUIRED FIELDS BELOW.

Submit this completed form to IASC.Review@umich.edu within two days of flight conclusion.

IASC Approval Holder (Name of IASC Applicant)

Contact Information (Email and Phone)

Name of Pilot in Command (PIC or rPIC)

Contact Information (Email and Phone)

sUAS remote PIC FAA airman certificate number

FAA Protocol Used for Activity

14 CFR 107 (Part 107)

U-M's Section 333 Grant of Exemption/CoA

An external Section 333 Grant of Exemption/CoA

Section 336 (e.g., as a "hobbyist," for educational purposes, or as part of a team)

Aircraft Registration Number

UAS/sUAS Type and Model

Operating location (i.e., common name, city/state, and latitude/longitude)

Date of flights in this report

Number of flights on this date

Length of time for each flight (e.g., 2-4 minutes each)

Total aircraft operational hours (e.g., 1.25 hours)

Start time and stop time

Take off or landing damage, if any (please describe):

Equipment malfunctions, including but not limited to:

On-board flight control system

Navigation system

Power plant failure in flight

Fuel system failure

Electrical system failure

Control station failure

None

Other

Description of the equipment malfunction indicated above:

Number and duration of lost link events (control, performance and health monitoring, or communications) per UA flight, if any. **Include all instances of loss of visual line-of-sight between the rPIC and the drone.**

Include here any additional pertinent information regarding your flights:

Incidents / Accidents / Mishaps

*IF YOUR OPERATIONS ARE UNDER **PART 107**:*

As specified in 14 CFR 107 (Part 107): Accidents meeting the criteria of (a) or (b) below must be reported to the FAA by the remote Pilot in Command within 10 calendar days at https://www.faa.gov/uas/report_accident/

In addition, certain sUAS accidents must also be reported to the National Transportation Safety Board (NTSB). See www.nts.gov.

Indicate whether an accident meeting the Part 107 criteria of (a) or (b) below occurred during the flights logged in this report:

- a. Serious injury to any person or any loss of consciousness, or
- b. Damage to any property, other than the small unmanned aircraft, unless one of the following conditions is satisfied: 1) The cost of repair (including materials and labor) does not exceed \$500, or 2) The fair market value of the property does not exceed \$500 in the event of total loss.
- c. Neither of the above occurred during the flights included in this report.

If you checked either (a) or (b) above, please provide the following information:

Has this accident already been reported to the FAA? If yes, provide the date of your report.

Location of accident:

Date and time of accident:

Person(s) injured and extent of injury, if any or known:

Property damaged and extent of damage, if any or known:

Description of what happened:

Was the accident above reported to your School/College/Unit Safety Committee?

Please describe any other incidents, accidents, or mishaps, including **all instances of loss of visual line-of-sight between the rPIC and the drone**, that occurred during the flights logged in this report:

IF YOUR OPERATIONS ARE UNDER A SECTION 333 GRANT OF EXEMPTION/COA:

You must notify the U-M and the FAA **within 24 hours** of all accidents/mishaps where any of the following occurs: fatal injury, serious injury, total unmanned aircraft loss, substantial damage to UAS airframe, power plant, or onboard systems requiring repair before further flight, or damage to property other than the unmanned aircraft. Initial reports to the FAA must contain the information identified in the COA On-Line Accident/Incident Report. Review the COA for additional reporting requirements. Contact the IASC at 734-936-3934 IASC.Review@umich.edu for assistance.

END OF FORM

Please save and submit to IASC.Review@umich.edu **within two days of flight conclusion.**

Form Version 2.0