



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS DIVISION
80 KUHIO STREET, HILO, HAWAII 96720

FORD N. FUCHIGAMI
DIRECTOR

Deputy Directors
JADE T. BUTAY
ROSS M. HIGASHI
EDWIN H. SNIFFEN
DARRELL T. YOUNG

IN REPLY REFER TO:
HAR-H 11.18

October 1, 2017

HARBOR MASTER NOTICE NO. 01-18

DRONES-AERONAUTICAL AND MARINE

EFFECTIVE OCTOBER 1, 2017

In accordance with the State of Hawaii, Department of Transportation Harbors Division Hawaii Administrative Rules (HAR) chapter §19-41-1 this notice encompasses the area within the scope of the Hilo and Kawaihae commercial harbors.

Recreational drones of any type, aeronautical (Unmanned Aircraft Systems-UAS) and marine, are strictly prohibited.

AERONAUTICAL DRONE

Requests for commercial operation of an UAS, aeronautical drone over any State of Hawaii DOT-Harbor property must be received by the Harbor Master fourteen (14) days prior to the intended operations and must include the following:

- Flight plan, date, time, company/contractor.
- Letter from the company granting permission for the UAS operation.
- FAA granted 333 Exemption or any other FAA requirements or other government regulatory agency.
- Evidence of UAS registration with the FAA.
 - Make/Model of UAS
 - Registration #
 - Total weight of UAS, including camera.
- The operator's airman's certificate.
- Certificates of Insurance for the use of the UAS:
 - UAS insurance with minimum \$2,000,000 liability per occurrence with the following separate endorsements;
 1. Policy endorsement of UAS coverage for owned and unowned aircraft;
 2. Policy endorsement naming the "State of Hawaii, all departments, attached agencies, officers, employees and agents" as Additional Insured.

General Operations:

- ❖ Operate within the provisions of the 333 Exemption.
- ❖ UAS must remain within line of sight of operator, or a visual observer.
- ❖ Operator must be at least 21 years of age.

- ❖ Daytime operations only or within civil twilight (30 minutes before official sunrise and 30 minutes after official sunset) and only in good weather, (light winds, no rain).
- ❖ Maximum height of 200 feet AGL (Above Ground Level).
- ❖ Maximum UAS weight of 55 pounds, total weight.
- ❖ Maximum speed of 100 MPH (Miles Per Hour).
- ❖ Yield to manned aircraft.
- ❖ Strictly prohibited from flying over people or non-client vessel or in a reckless manner.
- ❖ Operate only in the area authorized by the Harbor Master.
- ❖ Prohibited from operating from a moving vehicle/vessel.
- ❖ Single UAS operation, prohibited from operating multiple small UAS.

MARINE DRONE

Requests for commercial operation of a marine drone within any State of Hawaii DOT-Harbor property/waters must be received by the Harbor Master fourteen (14) days prior to the intended operations and must include the following:

- Operations plan, date, time, company/contractor.
- Letter from the company granting permission for the drone operation.
- Proof of authorization from regulatory governmental agency.
- Description of drone:
 - Make/Model of drone.
 - Registration #.
 - Total weight of drone including camera.
- The operator's certificate.
- Certificates of Insurance for the use of the drone:
 - Drone insurance with minimum \$2,000,000 liability per occurrence with the following separate endorsements;
 1. Policy endorsement of drone coverage for owned and unowned Drones;
 2. Policy endorsement naming the "State of Hawaii, all departments, attached agencies, officers, employees and agents" as Additional Insured.
- BMP (Best Management Practice) for proposed work. Note: per State of Hawaii, Hawaii Revised Statutes, HRS §342D-50 Part III Water Pollution Control, Prohibition. (a) No person, including any public body, shall discharge any water pollutant into state waters, or cause or allow any water pollutant to enter state waters....

General Operations:

- ❖ Drone must remain within line of sight of operator or a visual observer.
- ❖ Operator must be at least 21 years of age.
- ❖ Prohibited from operating from a moving vehicle/vessel.
- ❖ Daytime operations only and only in good weather, (light winds, no rain).
- ❖ Maximum drone weight of 100 pounds, total weight.
- ❖ Yield to Vessels.
- ❖ Strictly prohibited from operating near non-client vessel or in a reckless manner.
- ❖ Operate only in the area authorized by the Harbor Master.

For questions concerning this Notice, contact the Hawaii District Office @ (808) 933-8850.



Jeff D. Hood
Hawaii District Manager