

INCIDENT REPORT

20210613-00001

GENERAL INFORMATION

Report Number: 20210613-00001

Incident Type: Operational

Status: Resolved

Filer of Report: Joshua Bauer

Filed on Behalf of: Josh Bauer (Personal)

Date Filed: 06/13/2021

Date of Incident: 06/13/2021

Location of Incident: Case Rd, Interlaken, NY; 42.55344470711525, -76.78080208897575

Persons Involved in Incident: Joshua Bauer (operator), Unidentified Vehicle Operator

Devices Involved in Incident: DJI 2 Air Clone Drone, ID#DR007g; Swagtron T6 Hoverboard, ID#HV001c

Factors Contributing to Incident: Increased Windspeed, sound of which decreased operator's ability to hear oncoming traffic

Damages: None

INCIDENT DETAILS:

Description of Incident:

Operator was flying drone while riding hoverboard in center of the street.

Operator noticed after the ideal time that there was oncoming traffic, whose lane he was inhabiting.

Operator first moved out of that lane, followed by piloting the drone out of that lane, to a position of being behind the operator, while vehicle was approaching from the front.

After both operator, hoverboard, and drone were in their proper lane, operator took further action with the controller with the intention of piloting the drone out of the road completely and off to the right-most side of the road (from directional perspective of the operator). Car had not yet passed operator and drone.

Operator looked over right shoulder and saw his actions made with the controller were having the opposite effect, resulting in the drone moving directly toward the lane of the approaching vehicle, at a height of approximately 4 feet.

Operator immediately applied opposite feedback to the controller, causing the drone to reduce its leftward speed and avoid impact with the oncoming vehicle by a distance of about 2 feet.

Determined Causes of Incident:

1. Operator was not adequately aware of his surroundings, and therefore had limited time to prepare himself and the drone so to ensure their safe avoidance of the oncoming vehicle.
2. Operator did not pilot drone to a location where it could be seen in the same scope of view as the oncoming vehicle, requiring pivoting of the operator in order to accurately pilot the drone.
3. Operator momentarily failed to accurately pilot the drone with the remote, and used the opposite feedback required to obtain the desired result.

Imposed Regulations Resulting from Incident:

None

Imposed Recommendations Resulting from Incident:

1. Operator should be continuously aware of surroundings, to allow reasonable time for a defensive response.
2. Operator should pilot drone in a location where he is able to adequately control it, preferably in his forward line of sight.
3. Operator should be fluent in piloting the drone, including the ability to input the correct feedback into the remote in order to obtain a desired result.

ADDITIONAL RESOURCES:

Reporter Comments:

None

Points of Contact:

Josh Bauer (www.joshbauer.com/contact)

Attachments:

None