

INCIDENT REPORT

20210730-00005

GENERAL INFORMATION

Report Number: 20210730-00005

Incident Type: Operational

Status: Resolved

Filer of Report: Joshua Bauer

Filed on Behalf of: Josh Bauer (Personal)

Date Filed: 07/31/2021

Date of Incident: 07/30/2021

Location of Incident: Porch; 2185 Mables Lane, Sevierville TN; 35.86129442739966, -83.46698971734706

Persons Involved in Incident: Joshua Bauer (operator)

Devices Involved in Incident: DJI Mini 2 Drone, ID#DR008g

Factors Contributing to Incident: Lack of operator experience and understanding of the abilities of the drone being operated

Damages: No damage to drone, possible scratches/distortion to propellers

INCIDENT DETAILS:

Description of Incident:

Operator was flying drone backwards at a high velocity toward the direction of the porch from which he was operating the drone. This movement was intentional. When flying inside the porch, the operator quickly reversed feedback to propel the drone back in a forward direction before contacting the house. However, even with full opposite feedback, the adjustment was not sufficient in reversing the direction of the drone before it made contact with the house. The drone flew into the door window at a slightly slower velocity and managed to regain its flight after the collision, with no visible damage done to the drone or to the window.

Determined Causes of Incident:

1. Operator had insufficient experience and understanding of the abilities of the drone being operated, and did not accurately anticipate the extent and duration of opposite feedback required in order to reverse the direction of the drone.

Imposed Regulations Resulting from Incident:

1. Operator is not to practice stunts, as defined as any liberal maneuvers performed by the drone that do not result in a practical and worthwhile gain, in any setting where the potential monetary loss (including of surrounding property) exceeds \$200.00 and where the operator (a) does not have the ability to, or (b) is not willing to personally intervene and prevent a collision that could damage the drone.

Imposed Recommendations Resulting from Incident:

None in addition to adherence to resulting regulations

ADDITIONAL RESOURCES:

Reporter Comments:

None

Points of Contact:

Josh Bauer (www.joshbauer.com/contact)

Attachments:

None