

INCIDENT REPORT

20210729-00003

GENERAL INFORMATION

Report Number: 20210729-00003

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: 07/29/2021

Location of Incident: Porch; 2185 Mables Lane, Sevierville TN; 35.86127268976748, -83.46701117501983

Persons Involved in Incident: Joshua Bauer (operator)

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

Factors Contributing to Incident: Operator inexperience with FPV Flying and failure to correctly understand the controls

Damages: Somewhat forceful impact to drone, followed by approxiamte 6 foot free fall onto dirt ground, resulting in possible scratches and potential unseen internal damage

INCIDENT DETAILS:

Description of Incident:

Operator was flying drone on the porch and from the porch, while momentarily operating from a first person perspective as opposed to maintaining direct sight with the drone. The front of the drone was facing the operator. Operator intended to rotate the drone in a counterclockwise direction but used the right stick on the controller instead of the left to acheive such desired movement, resulting in the drone moving quickly to the West side of the porch and colliding with a stick, interfereing with the drone's flight and causing it to fall 6 feet to the ground.

Determined Causes of Incident:

1. Operator did not have sufficient experience and coordination flying FPV to accurately control the movement of the drone.
2. Operator was flying drone in a dense location with many nearby objects.
3. Operator failed to compensate for the undesired movement upon looking up to see the effect his input had had.

Imposed Regulations Resulting from Incident:

None

Imposed Recommendations Resulting from Incident:

1. Operator is recommended to be confident in their experience and natural coordination before engaging in activities which have a high likelihood do result in damage to the drone if the operator does not have that experience and coordination.

ADDITIONAL RESOURCES:

Reporter Comments:

Incident took place on the first day that the operator had possession of the drone.

Points of Contact:

Josh Bauer (www.joshbauer.com/contact)

Attachments:

None