

INCIDENT REPORT

20210731-00007

GENERAL INFORMATION

Report Number: 20210731-00007

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: 07/31/2021

Location of Incident: Mables Lane, Sevierville TN; 35.86160127067027, -83.46655381316877

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 visible damage, potential unseen internal damage

INCIDENT DETAILS:

Description of Incident:

Operator flew drone toward a tree with an intention of causing the drone to fly to the leftward side of the tree. The operator left right stick input on full forward direction while drone was still headed straight toward tree and turned the rotation of the drone to the left as the steering mechanism he hoped would cause the drone to move the the left. This input did not overcome the momentum of the drone, and the drone flew into the left side of the tree and fell to the ground - a downward distance of approximately 12 feet, and landed in the grass. Contact was made with leaves/brush, and not with branches.

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 feedback required in order to alter the direction of the drone.

Imposed Regulations Resulting from Incident:

None

Imposed Recommendations Resulting from Incident:

1. Operator is recommended to exercise caution when operating aircraft, especially in regards to excessive input into the controls of the drone.
2. Operator is recommended to gain sufficient practice, knowledge, understanding, and coordination with/of the drone before intense operation.

ADDITIONAL RESOURCES:

Reporter Comments:

None

Points of Contact:

Josh Bauer (www.joshbauer.com/contact)

Attachments:

None