

# NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division  
Washington, DC 20594

December 8, 2020

## Video Study

Specialist's Factual Report  
By Sean Payne

### 1. EVENT

Location: Las Vegas, NV  
Date: October 29, 2020  
Aircraft: Cessna 310, N101G  
Operator: Private  
NTSB Number: WPR21LA030

### 2. GROUP

A group was not convened.

### 3. SUMMARY

On October 29, 2020, about 0939 Pacific daylight time, a Cessna 310, N101G was destroyed when it was involved in an accident near Las Vegas, Nevada. The pilot and the passenger sustained fatal injuries. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

### 4. DETAILS OF INVESTIGATION

On November 2, 2020, the National Transportation Safety Board (NTSB) Vehicle Recorder Division received the following electronic file:

File: **IMG\_0024.mov**  
Location: **Approx. 36° 1'32.98"N, 115°11'45.65"W**

File: **0 - 2020-10-29 09-38-08-990.mp4**  
Location: **Approx. 36° 1'3.03"N, 115°12'4.72"W**

#### 1.1. Recorder Description

The witness reported the device used to capture the video with file name "IMG\_0024.mov" was an iPhone 11 Pro Max.

The security camera system that captured the video file name "0 - 2020-10-29 09-38-08-990.mp4" was not documented.

## 1.2. Video Files

### **IMG\_0024.mov**

A video file, IMG\_0024.mov, was supplied to the NTSB by a witness. The video was supplied to the NTSB a resolution of 1280 x 720 pixels in resolution and a frame rate of 30 frames per second (fps). The associated audio track was recorded at 44,1 Hz in stereo.

Attachment 1 is the video in it's native format as supplied to the NTSB.

Attachment 2 is a version of the video that has been zoomed to show the accident aircraft. A slight blur and sharpen combination effect have been applied in an attempt to clarify the video. It is apparent that the right propellor is spinning and the left propellor is stopped.

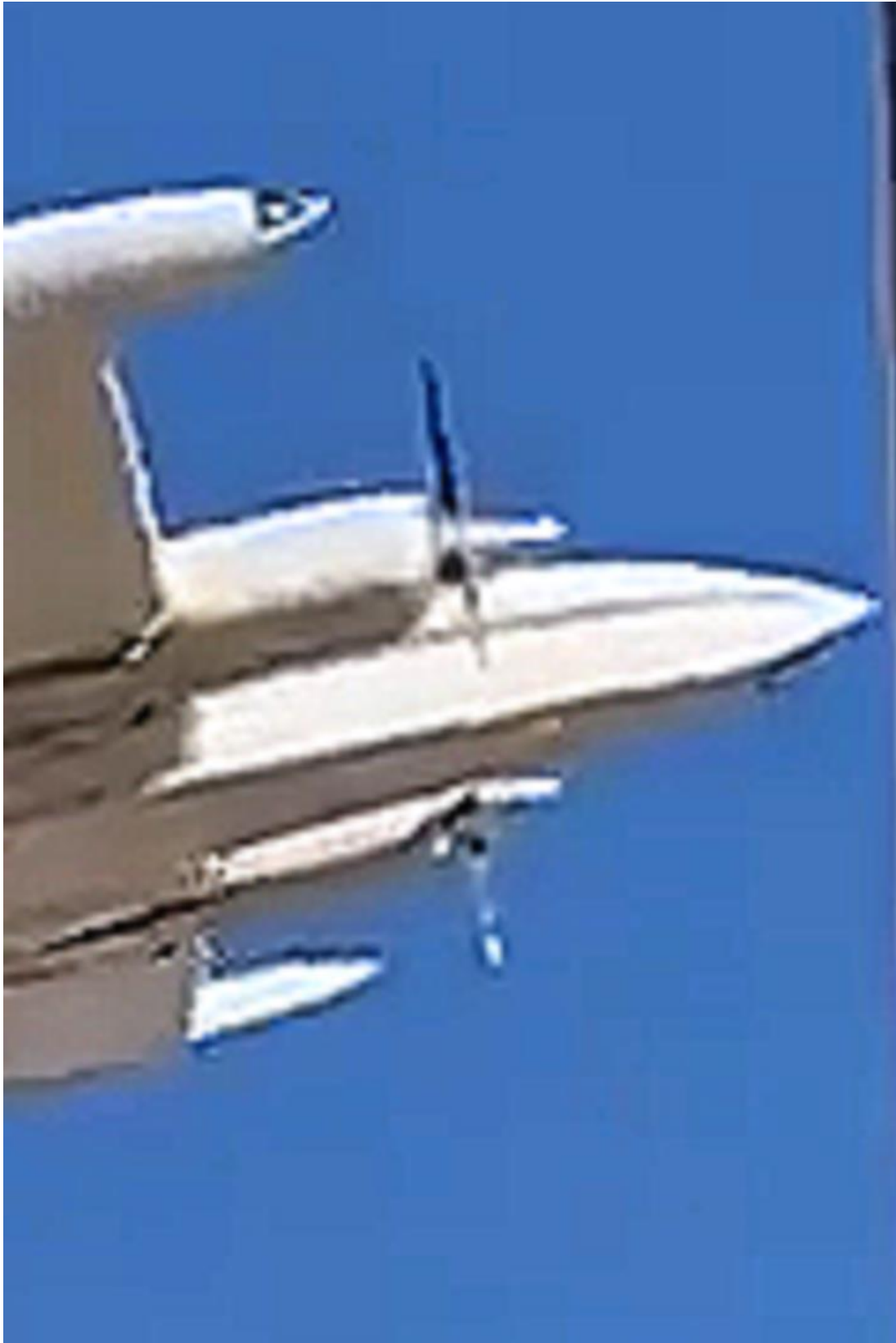
Figures 1, 2 and 3 are still image exports from the video file. These still images have had a zoom, contrast, and sharpen filter applied. The files were then saved as lossless bitmaps (.bmp). The condition of the left engine propellor is examined.



Figure 1. Still image export from IMG\_0024.mov. A slight blur and a slight sharpen effect were added.



**Figure 2. Still image export from IMG\_0024.mov. A slight blur effect was added.**



**Figure 3. Still image export from IMG\_0024.mov. A slight blur effect was added.**

**0 - 2020-10-29 09-38-08-990.mp4**

The electronic video file was received as a .MOV file. The video was supplied to the NTSB a resolution of 1280 x 720 pixels in resolution and a frame rate of 29 fps. There was no associated audio track.

Attachment 3 is the video in it's native format as supplied to the NTSB.

Attachment 4 is a version of the video that has been zoomed to show the accident aircraft. A slight blur and sharpen combination effect have been applied in an attempt to clarify the video. It is apparent the aircraft rolled to the left prior to impact. The moment of impact and all events after are redacted.