



Memorandum For Record

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A camera which recorded video file titled, “01_20210902085957_part2” was located near the approach end of runway 2. It was mounted on the wall of a building west of taxiway “B” and was about 12 ft above ground level. A review of the 21 minute 32 second video revealed the airplane came into view from behind a hangar at 9 minutes 52 seconds elapsed time and taxied from the ramp to the taxiway, then on the taxiway towards the approach end of runway 2. The airplane went out of view of the camera near the approach end of runway 2 at 12 minutes 31 seconds elapsed time then came back into view during the takeoff roll from runway 2 about 13 minutes 54 seconds elapsed time. The video recorded the takeoff roll and about 14 minutes 6 seconds elapsed time, a puff of gray colored smoke was noted from behind the airplane (Figure 1). At 14 minutes 11 seconds elapsed time a puff of white colored smoke was noted trailing the airplane (Figure 2). The location at that time was consistent with being at the departure end of the runway. At about 14 minutes 13 seconds elapsed time a slight left roll and a spark was noted trailing the airplane (Figure 3). The video depicted the airplane rolling to the right to an inverted attitude (Figure 4) and was lost from view at 14 minutes 18 seconds elapsed time. A fireball was noted at 14 minutes 19 seconds elapsed time (Figure 5), and a tall fireball was noted 2 seconds later.

A camera which recorded video file titled, “Bldg1_FX_Plot1 - Camera - 01-2021-09-02_09h50min49s221ms” was located on a building west of the accident site. A review of the 31 second video revealed that at 11 seconds elapsed time, a view of fire was noted off the ground through the trees in the right side of the frame (Figure 6). The fire increased in intensity among the trees above the ground and the airplane came into view while in a steep right bank and slight nose-up attitude with a view of the bottom of the airplane (Figure 7). The airplane rolled to an inverted position with a fire on the right side of the airplane (Figure 8). The airplane went out of view at about 13 seconds elapsed time and a large fireball with black smoke was noted at 19 seconds elapsed time.

PHOTOGRAPHS



Figure 1: Screen shot from Video Depicting Gray Colored Smoke Trailing the Airplane.



Figure 2: Screen shot from Video Depicting White Colored Smoke Trailing the Airplane.



Figure 3: Screen shot from Video Depicting Slight Left Roll and Fire Trailing the Airplane.

PHOTOGRAPHS



Figure 4: Screen shot from Video Depicting Airplane Rolling Right to Inverted Attitude.



Figure 5: Screen shot from Video Depicting Fireball.



Figure 6: Screen shot from Video Depicting Fire Above Ground Level Through Trees.

PHOTOGRAPHS



Figure 7: Screen shot from Video Depicting in Steep Right Bank and Nose-Up Attitude. Note Fire Trailing the Airplane.



Figure 8: Screen shot from Video Depicting Airplane in Inverted Position With Fire on Right Side of the Airplane.