



Memorandum For Record

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A camera captured the final portion of the flight and firefighting efforts. A review of the video frame by frame revealed that when the airplane came into view (Figure 1), the left side of the nose and portion of the cockpit area, a portion of the right wing including several propeller blades and the right external fuel tank were visible. The airplane was in a nose-low attitude. No objects were seen around the airplane at that time. In the second frame (Figure 2), nearly the entire portion of the airplane was in view. No objects were seen around the airplane at that time. The third frame occurred when the flight was about 57 ft above the ground and depicted the bottom and left side views of the airplane. In that view (Figure 3) the landing gear and left speedbrake were retracted, all three vertical stabilizers were visible, a small black coloration which was somewhat translucent was seen ahead of the left-wing leading edge just outboard of the engine nacelle, and a smaller black colored squared coloration was seen near the left wingtip behind the wing. In addition, black colored squared coloration was noted in an area of the left side of the airplane in the aft area of the window. The positions of the left aileron, left elevator, and rudder flight control surfaces could not be accurately determined. In the fourth frame, the airplane was in close proximity to the ground and no objects were seen around the airplane. The airplane was in about a 60° nose low and right-wing low attitude. In the fifth frame airplane to ground contact had occurred. No objects were seen around the airplane. A review of successive images frame by frame after impact revealed debris even as small as was seen in the third frame could be seen moving away from the impact.



Figure 1: Cropped Image from Camera depicting 1st View of the Airplane.



Figure 2: Cropped Image from Camera depicting 2nd Frame with Left Side View of the Airplane.



Figure 3: Cropped Image from Camera depicting 3rd Frame with Left Side View of the Airplane.