



Memorandum For Record

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NTSB Accident Number: ERA21LA201

According to Automatic Dependent Surveillance-Broadcast (ADS-B) data, at about 1110:58, the 1st ADS-B target was noted over runway 9 near the approach end of the runway at Lakeland Linder International Airport (LAL), Lakeland, Florida. The flight proceeded to Sebring Regional Airport (SEF), where at 1137:49, the last ADS-B target was noted over the approach end of runway 1 (Figure 1). At 1326:28, a target was noted near the departure end of runway 1. The flight proceeded to Arcadia Municipal Airport where at 1344:06, the airplane was near the approach end of runway 6 (Figure 2). At 1348:53, the airplane was at the departure end of runway 6 and proceeded to Bartow Executive Airport, where at 1412:38, the airplane was near the approach end of runway 9L (Figure 3). At 1420:07, the airplane was past the departure end of runway 9L and proceeded towards LAL (Figure 4).

According to ADS-B data between 1423:38 and 1425:37 when the flight was about 4 nautical miles east-southeast from the approach end of runway 27 at LAL, the airplane flew on a westerly direction consistent with entering the downwind leg of the airport traffic pattern for runway 9. After 1425:37, the airplane turned slightly to the right, then again proceeded briefly on a westerly direction. At 1426:25, the airplane turned to the right flying in a west-northwesterly direction towards the approach end of runway 27 at LAL until 1427:53, at which time, when the flight was about .80 nautical mile and 101° from the approach end of runway 27 at LAL, the airplane started a right turn flying in a north-northwesterly direction.

The last ADS-B target at 1427:59 was located about .68 nautical mile and 092° from the approach end of runway 27 at LAL.

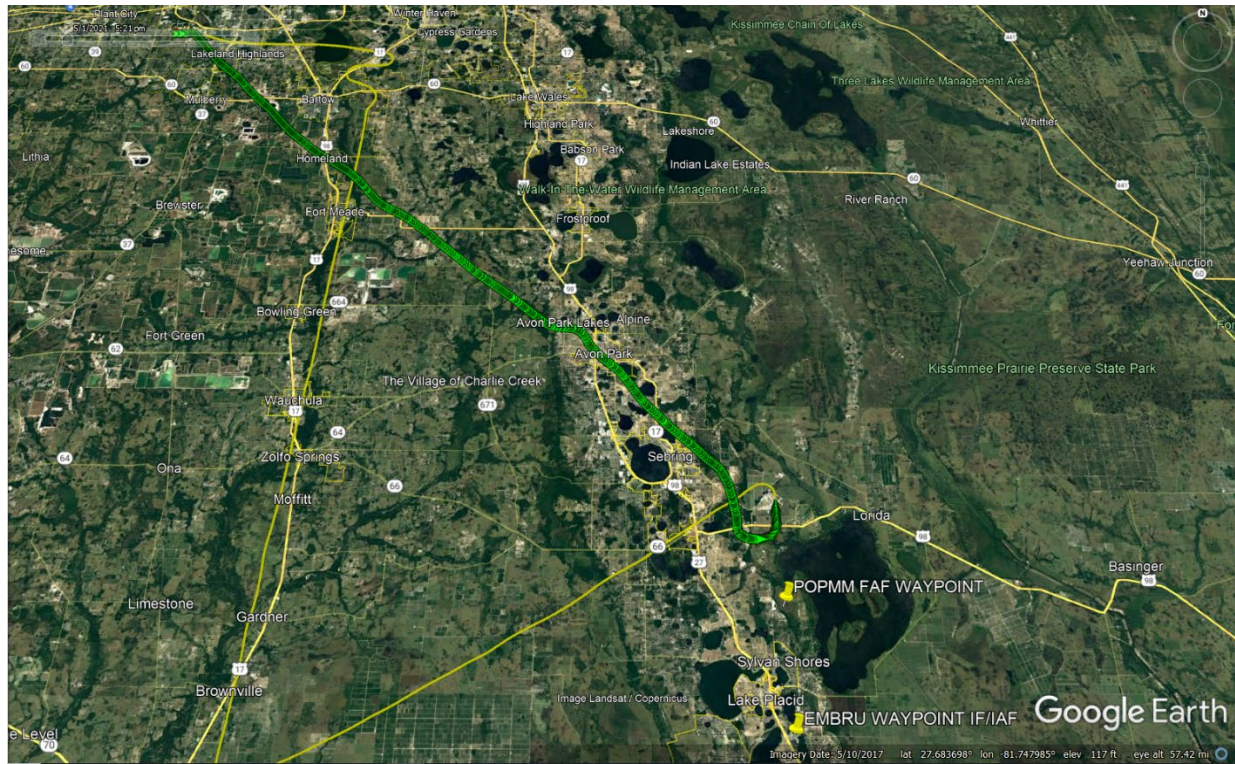


Figure 1: Google Earth Plot of ADS-B Targets of 1st Leg Takeoff, Approach, and Landing. Note the IF/AIF and FAF Locations as depicted.

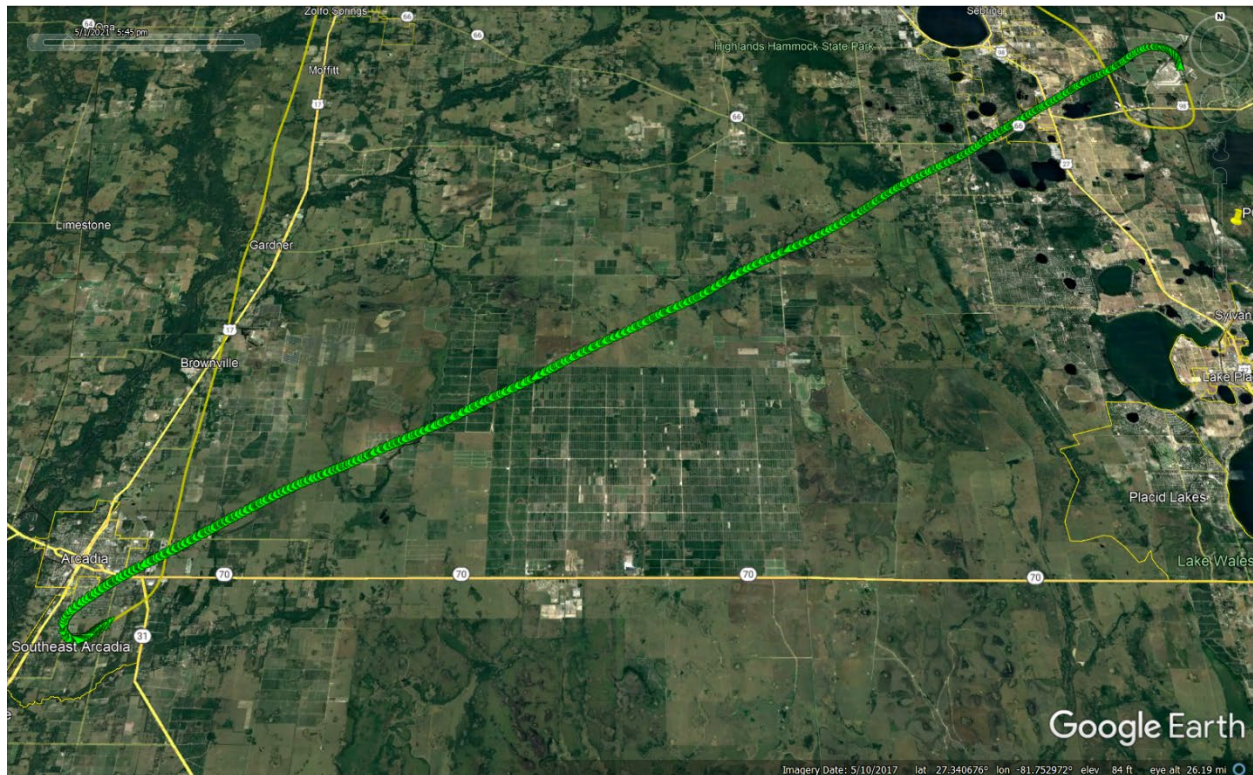


Figure 2: Google Earth Plot of ADS-B Targets of 2nd Leg Takeoff, Approach and Landing

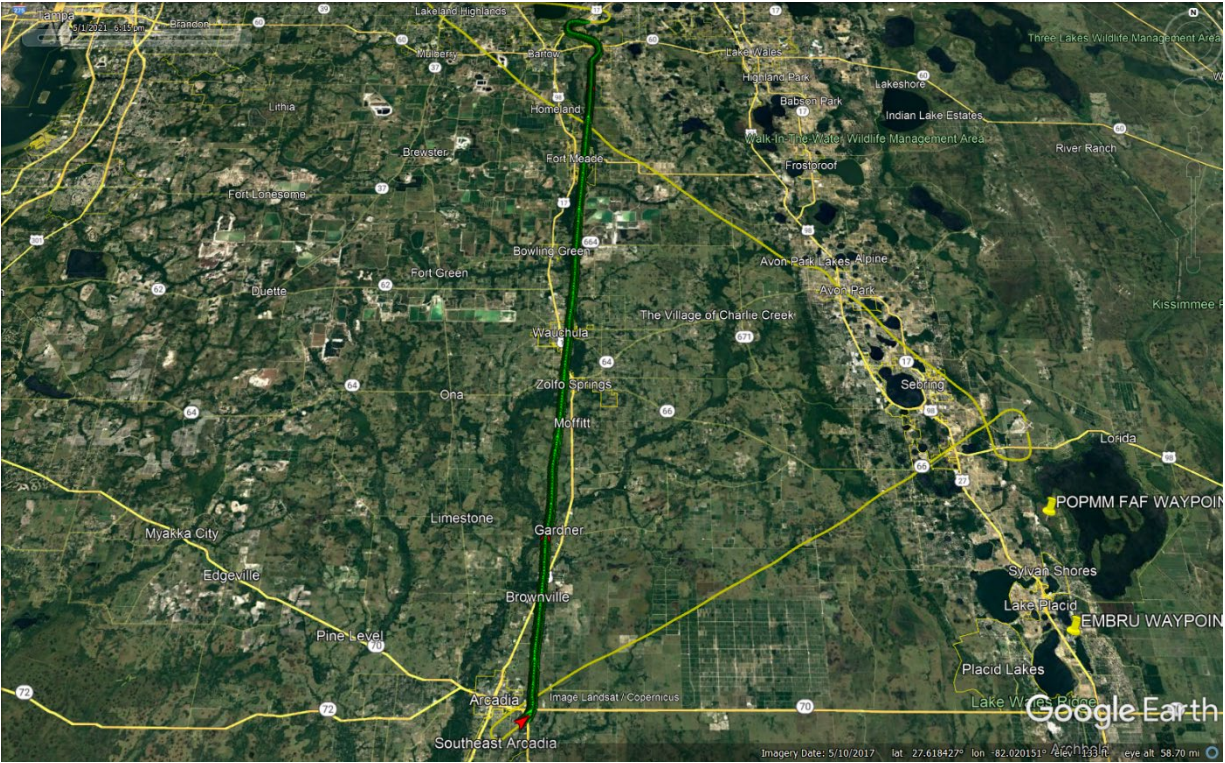


Figure 3: Google Earth Plot of ADS-B Targets of 3rd Leg Takeoff and Approach.

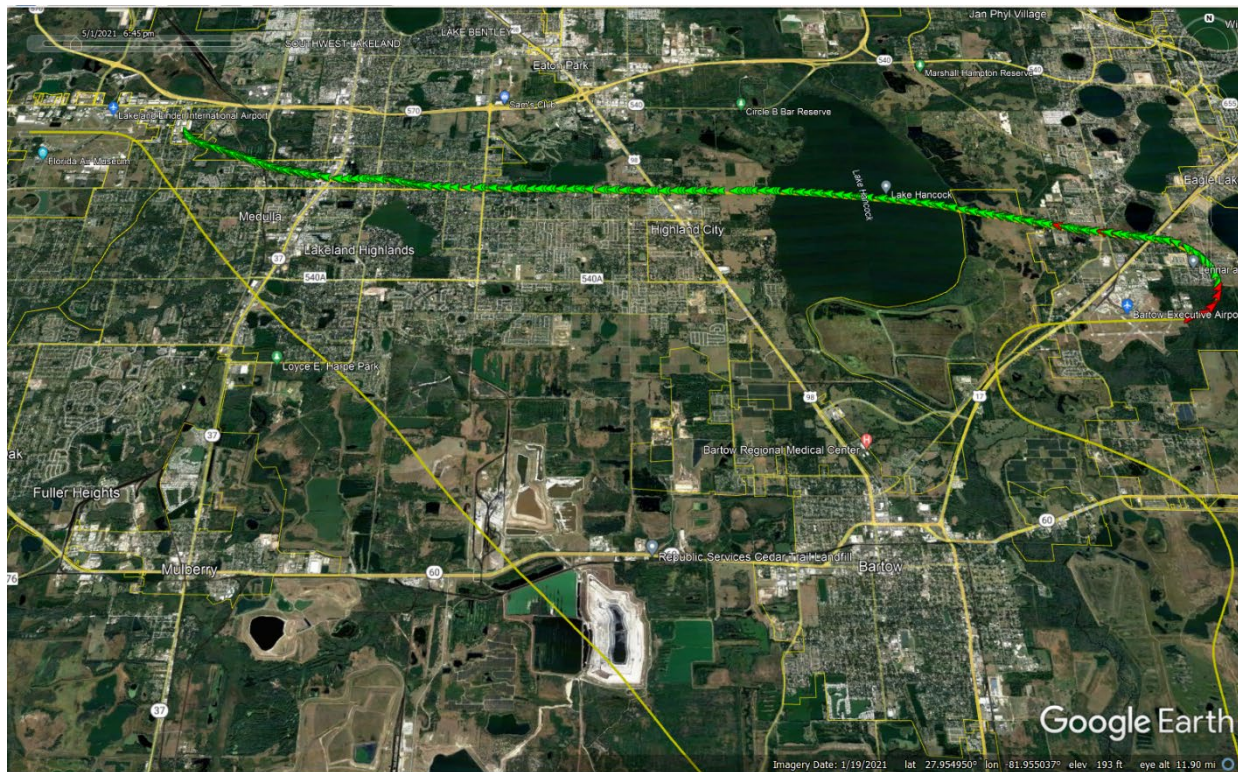


Figure 4: Google Earth Plot of ADS-B Targets of 4th Leg Takeoff and Approach.