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Title: Senior Air Safety Investigator
Division: AS-ERA

Date: [04/02/2024]

Subject: [ERA23LA071 Gaithersburg, MD GPS Track Overlays]

Contact: [Charles Cates - NTSB Mechanical Engineer/Recorder Specialist
Brian Soper - Senior ATC Investigator]

Mr. Soper provided a review of the accident airplane's track data and communications. The track overlays showed the airplane's ground track and the airplane's actual altitude compared to published minimums for the approach procedure flown.

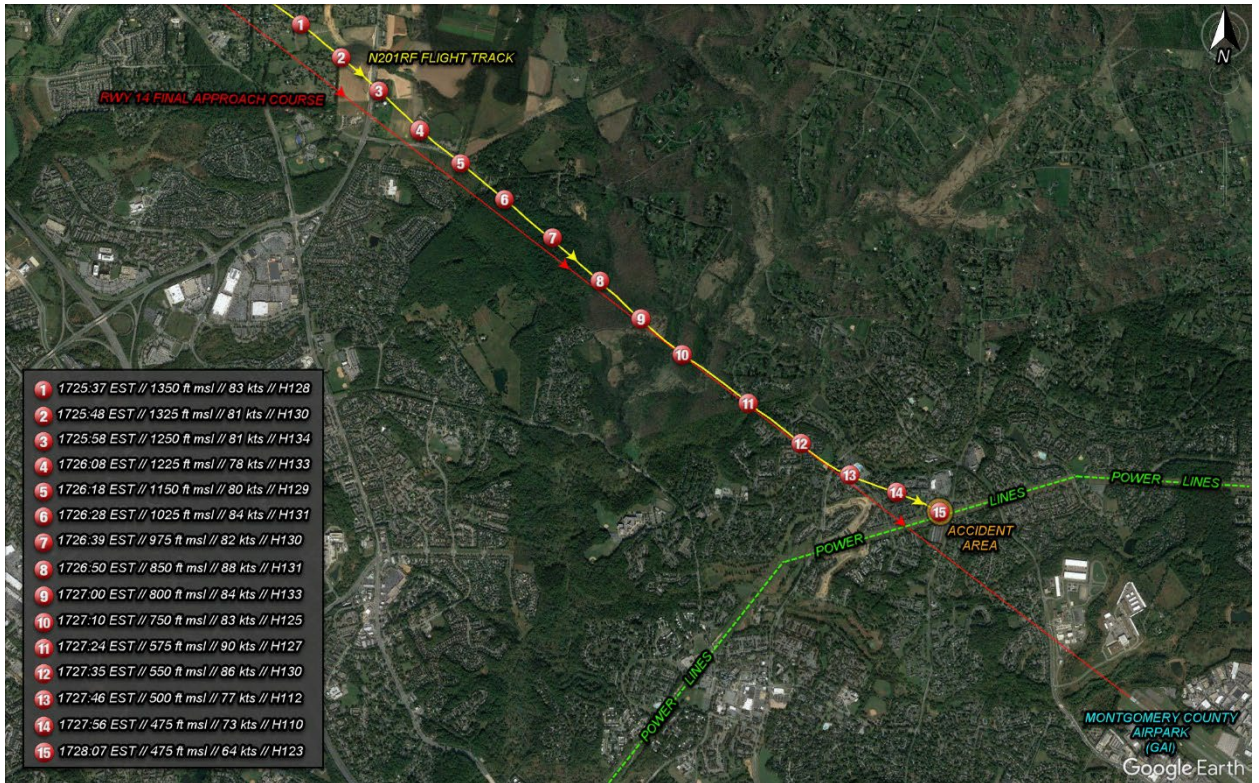


Fig. 1. Airplane track and altitude during approach segment. (NTSB)

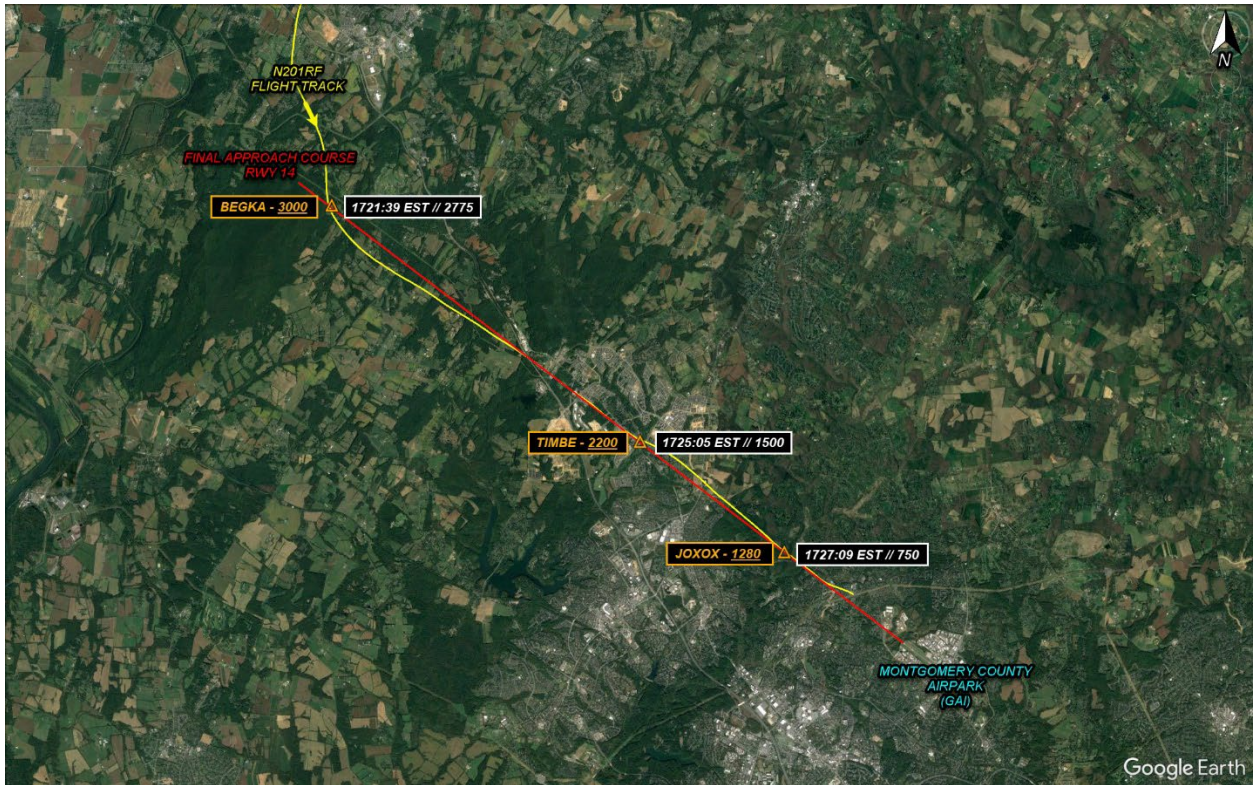


Fig. 2. Airplane track and altitude comparisons during approach segment. (NTSB)

Mr. Cates completed a GPS Specialist's report for this investigation. He later prepared the GPS track overlays enclosed below.

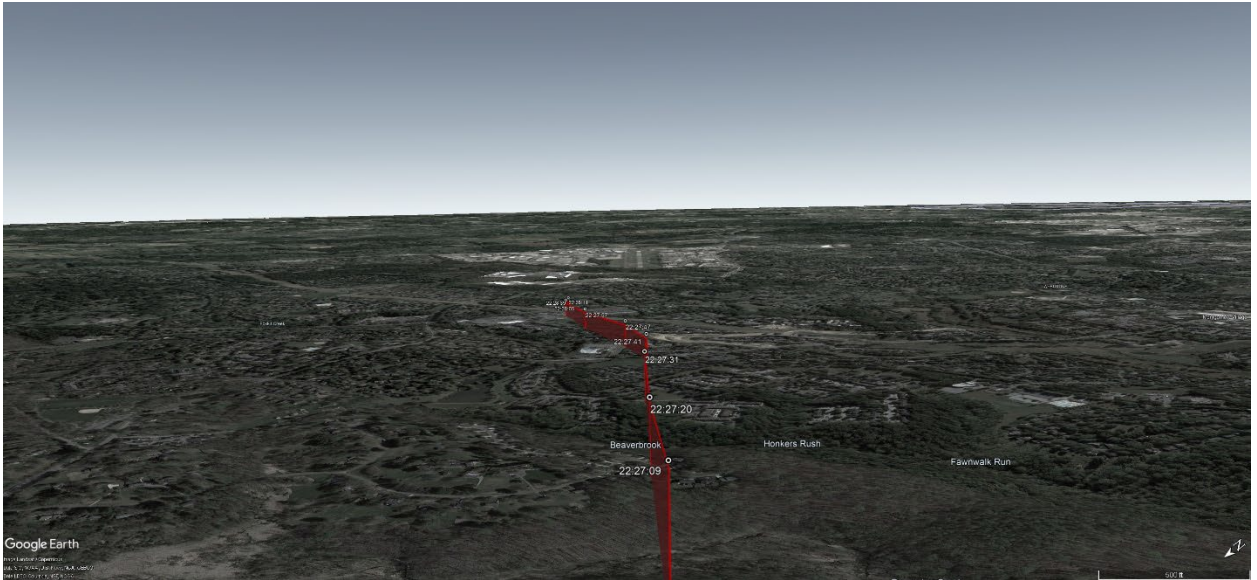


Fig. 3. View of GPS track during final minute of approach facing landing runway.

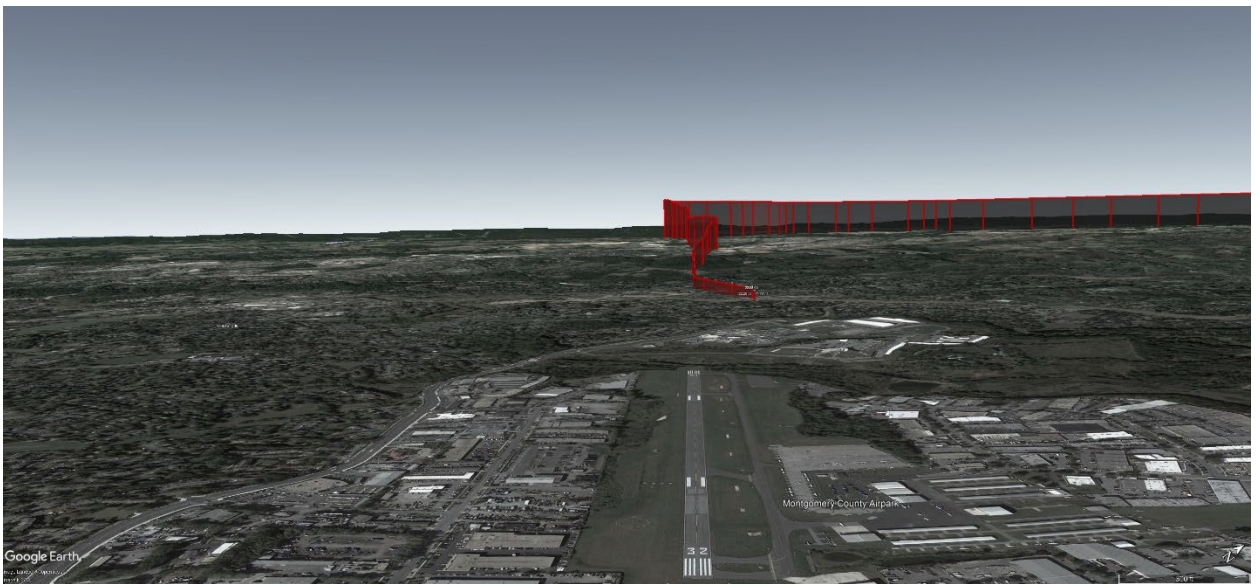


Fig. 4. View of GPS track when viewed from landing runway.