



National Transportation Safety Board



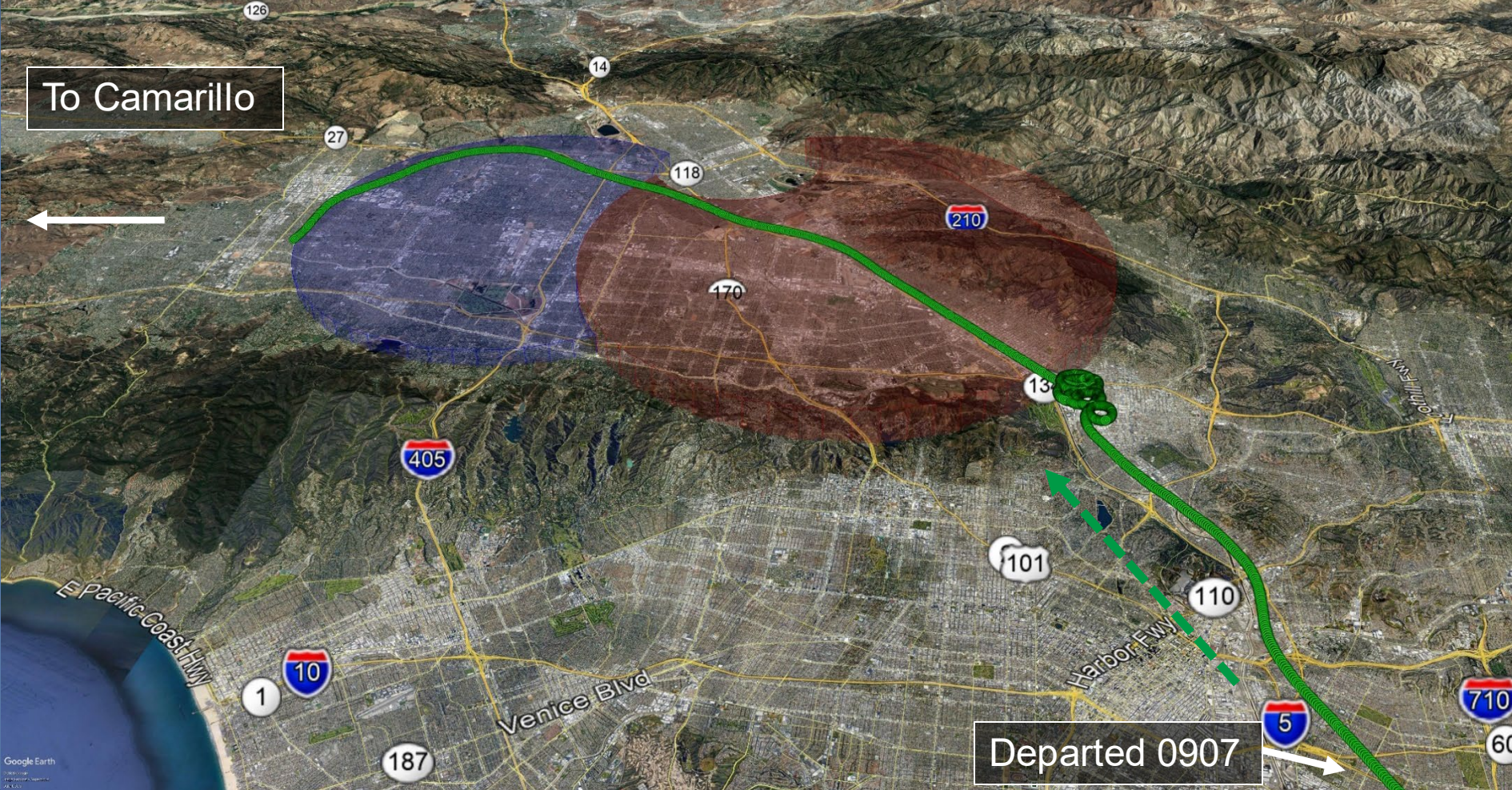
Island Express Helicopters
Sikorsky S-76B, N72EX
Calabasas, CA
January 26, 2020

Investigator-in-Charge Overview

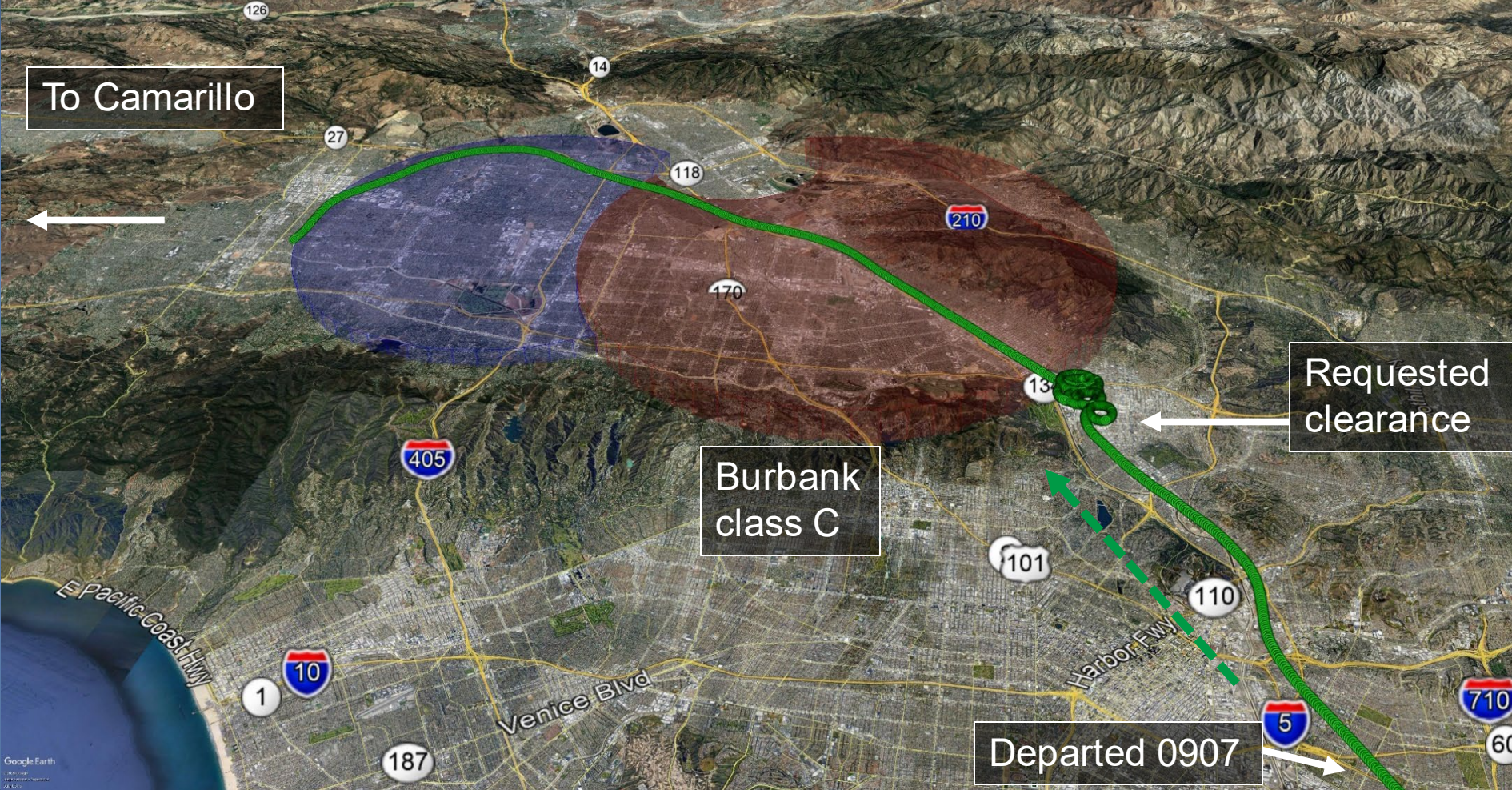
Initial Information

- On-demand Part 135 charter
- Santa Ana to Camarillo
- Widespread marine layer
- Single pilot, visual flight rules (VFR) flight
- Pilot had 10 years experience flying in area

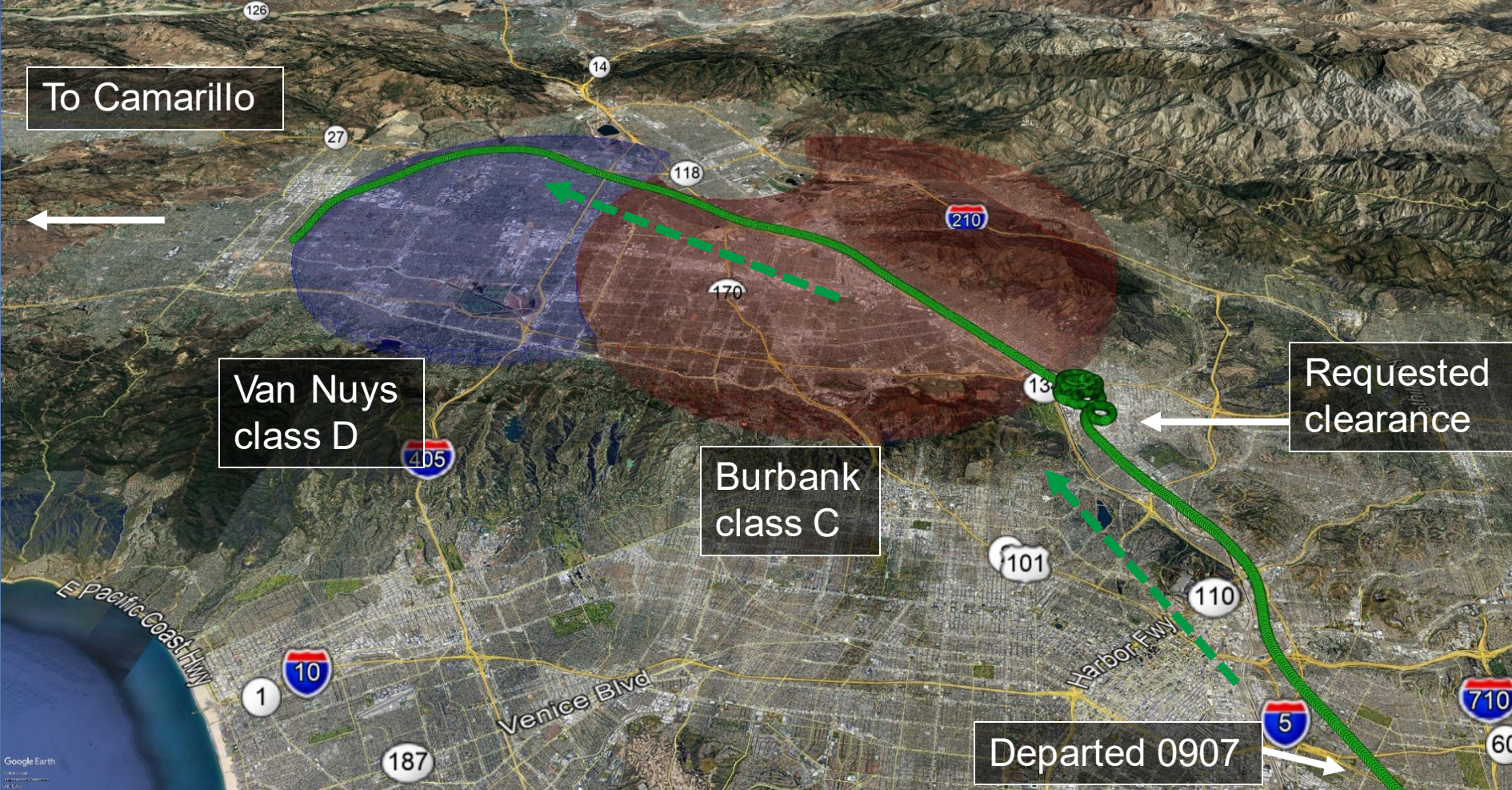
Flight Path



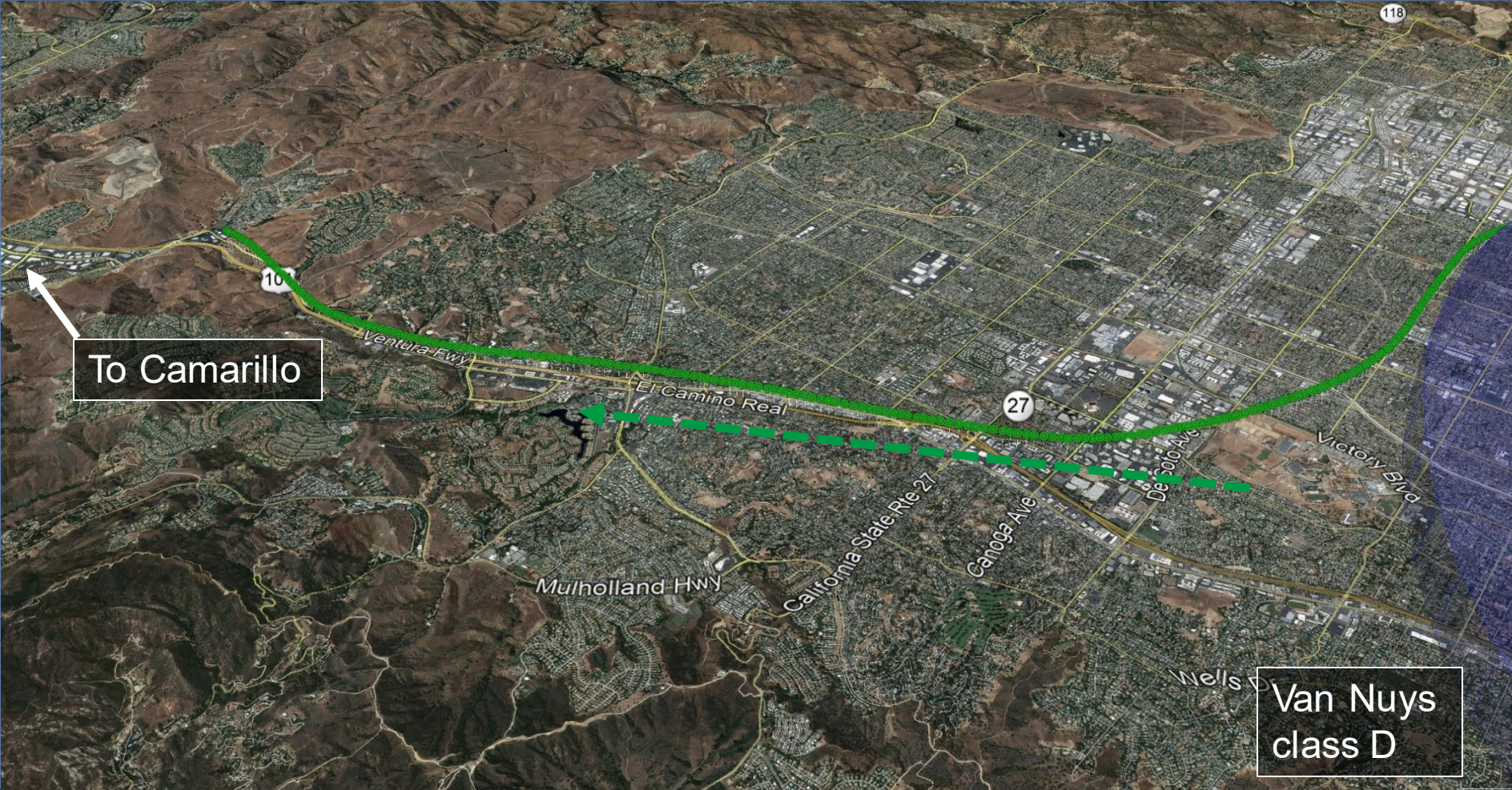
Flight Path



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Flight Path

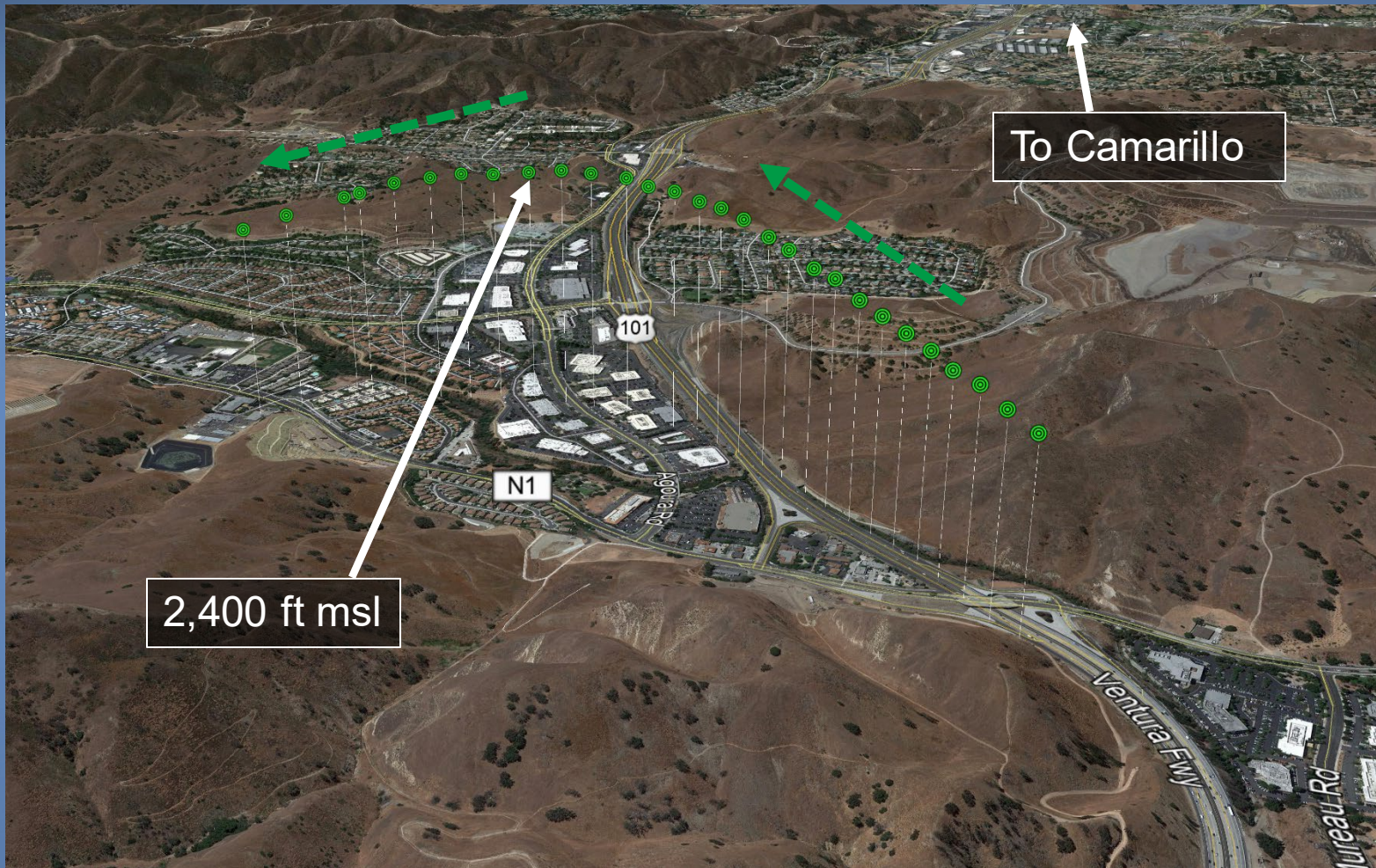




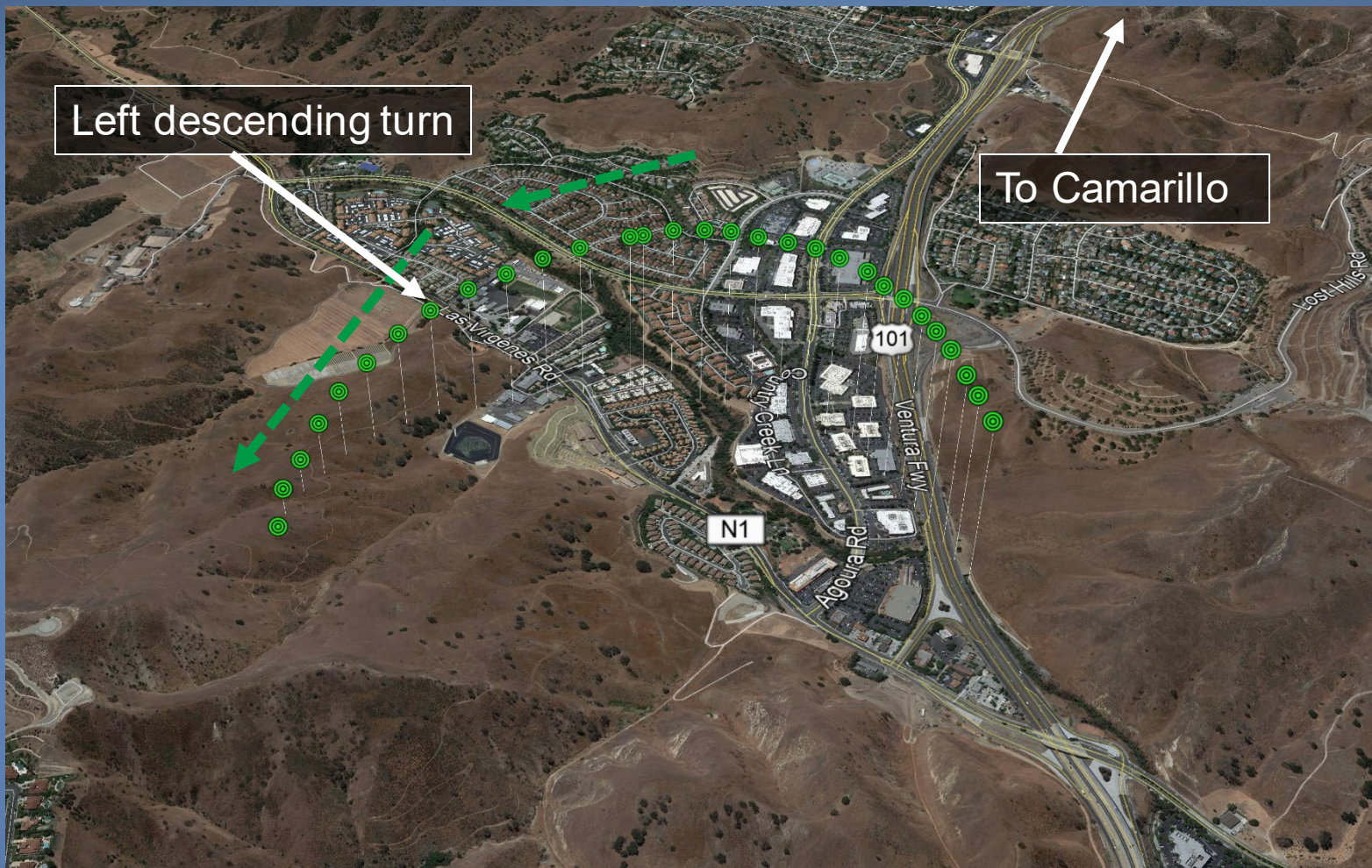
Climb, Turn, and Rapid Descent



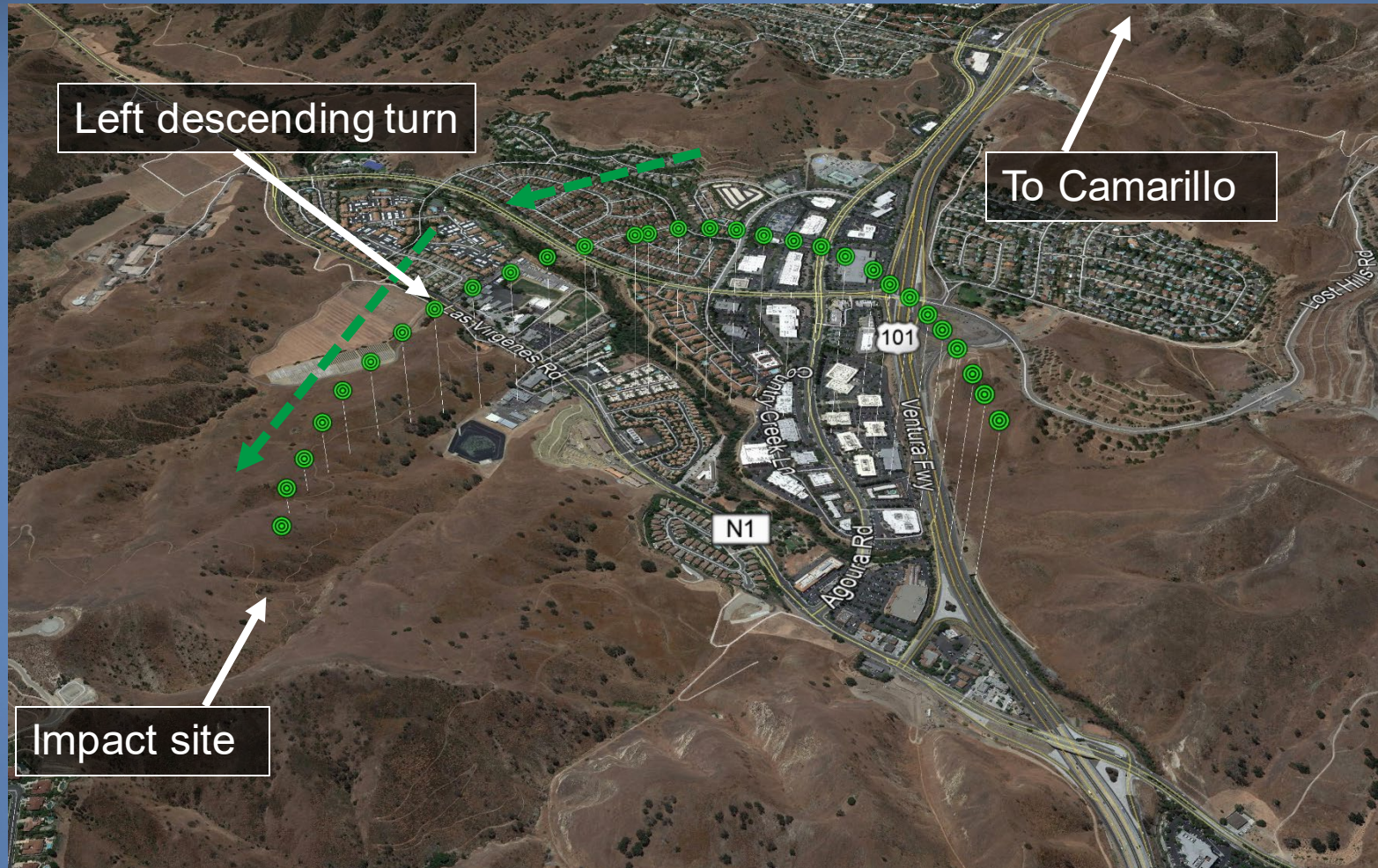
Climb, Turn, and Rapid Descent



Climb, Turn, and Rapid Descent



Climb, Turn, and Rapid Descent



Safety Issues

- VFR flight into instrument conditions
 - Self-induced pressure
 - Plan continuation bias
- Spatial disorientation
 - Physiological factors
 - Vestibular illusions

Safety Issues

- Spatial disorientation training and simulation
- Safety management system (SMS)
 - Reiteration of SMS for Part 135 operators
- Flight data recording and monitoring
 - Reiteration of flight data monitoring for Part 135 operators



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