



National Transportation Safety Board

Taxiway Overflight

Air Canada Flight 759, Airbus A320-211, C-FKCK

San Francisco, California

July 7, 2017

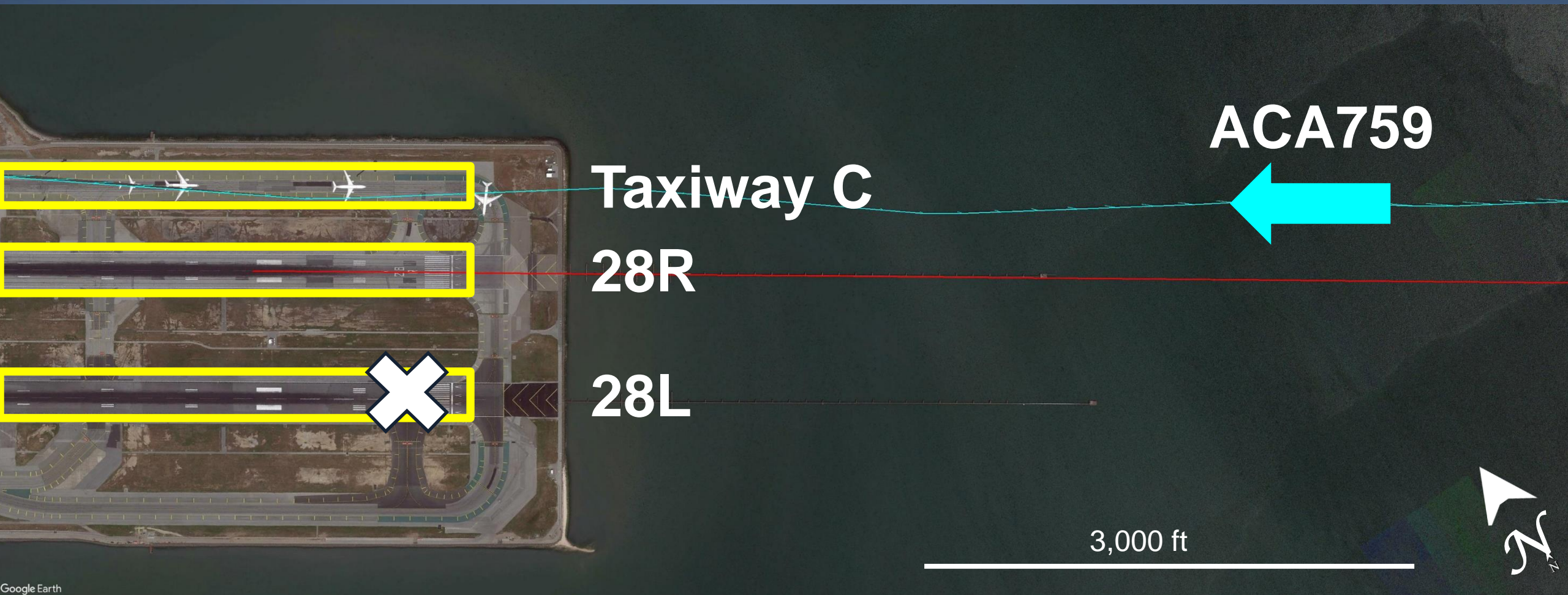
Investigator-in-Charge
presentation



Overview

- July 7, 2017, 1156 p.m. Pacific daylight time
- Air Canada flight 759 (ACA759), Airbus A320
- Aligned with and overflew airplanes on taxiway
- Title 14 *Code of Federal Regulations* Part 129 flight from Toronto
- Night visual meteorological conditions
- No injuries and no airplane damage

Airport Runways and Taxiway

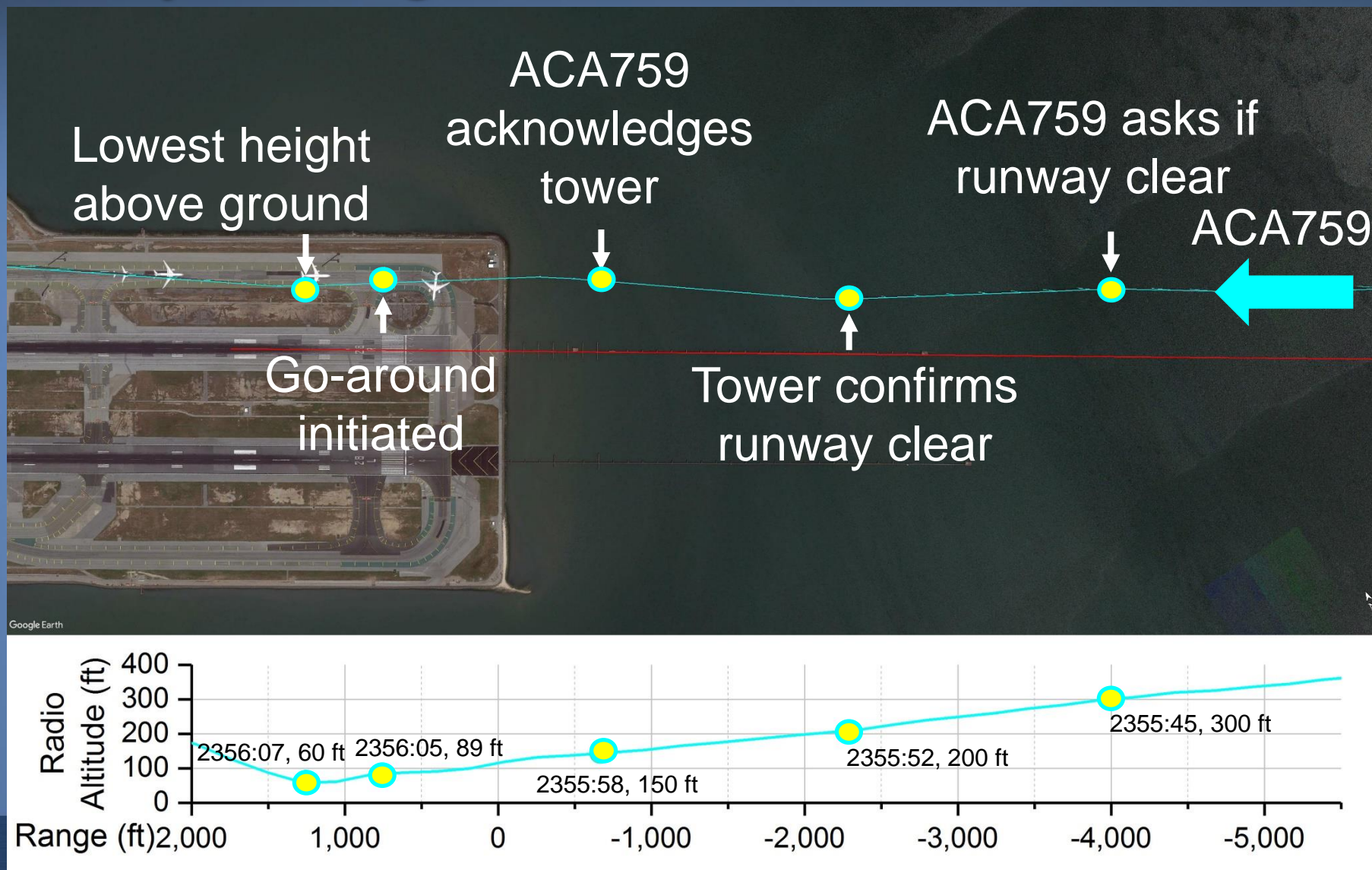


Google Earth

History of Flight

- Takeoff, climb, cruise, and descent uneventful
- Captain was pilot flying; first officer was pilot monitoring
- Cleared for Flight Management System (FMS) Bridge visual approach to runway 28R

History of Flight



Video of Incident



Safety Issues

Need for

- Consistent FMS autotuning
- Effective presentation of relevant flight operations information
- Equipment that alerts pilots when airplane not aligned with runway surface

Safety Issues

Need for

- Modifications of surface detection equipment systems to identify potential taxiway landings
- Effective signaling of runway closure to pilots
- Revisions to Canadian regulations to address fatigue for pilots on reserve duty

Parties to Investigation

- Federal Aviation Administration
- National Air Traffic Controllers Association
- Honeywell

Annex 13 Participants

- Bureau d'Enquêtes et d'Analyses pour la sécurité de l'aviation civile
 - Airbus
- Transportation Safety Board of Canada
 - Air Canada
 - Air Canada Pilots Association
 - Transport Canada



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