



NTSB National Transportation Safety Board

Office of Aviation Safety



**US Airways
Flight 1549
Ditching on
the Hudson River
January 15, 2009**

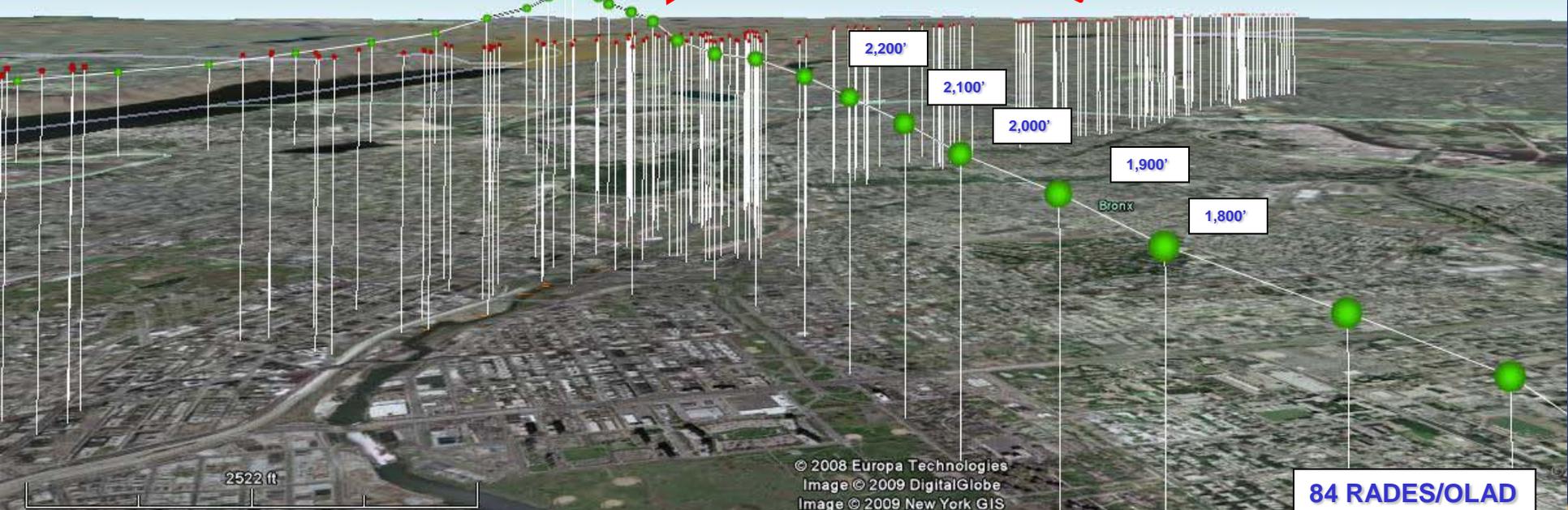
Robert Benzon
Investigator-in-Charge

Details

- January 15, 2009 3:27 p.m.
- Airbus A320-214, N106US
- 150 passengers, 5 crewmembers
- 4 passengers and 1 flight attendant seriously injured

Impact With Birds

Direction of Bird Flight



2522 ft

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84 RADES/OLAD



Timing

- Rotation to bird strikes = 1 min 37 sec
- Bird strikes to ditching = 3 min 31 sec
- Total flight time = 5 min 8 sec

Fractured 1st-Stage Booster Blades



Photo No: DCA09MA026-SN779-828 149.tif





HOT-2: got flaps out.



Bird Strike Area

LGA Airport

174 Knots

234 Feet

03:30:02

Safety Issues

- Certification of engines for bird strikes
- Bird mitigation efforts
- Pilot ditching training and procedures
- Ditching survival factors

Parties and Other Participants

- Federal Aviation Administration
- French Bureau d'Enquetes et d'Analyses
 - Airbus (Advisor)
- US Airways
- US Airline Pilots Association
- CFM International
- International Association of Machinists
- Association of Flight Attendants
- National Air Traffic Controllers Association





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