



**NTSB** National Transportation Safety Board

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*Office of Highway Safety*

# **Dolan Springs, Arizona**

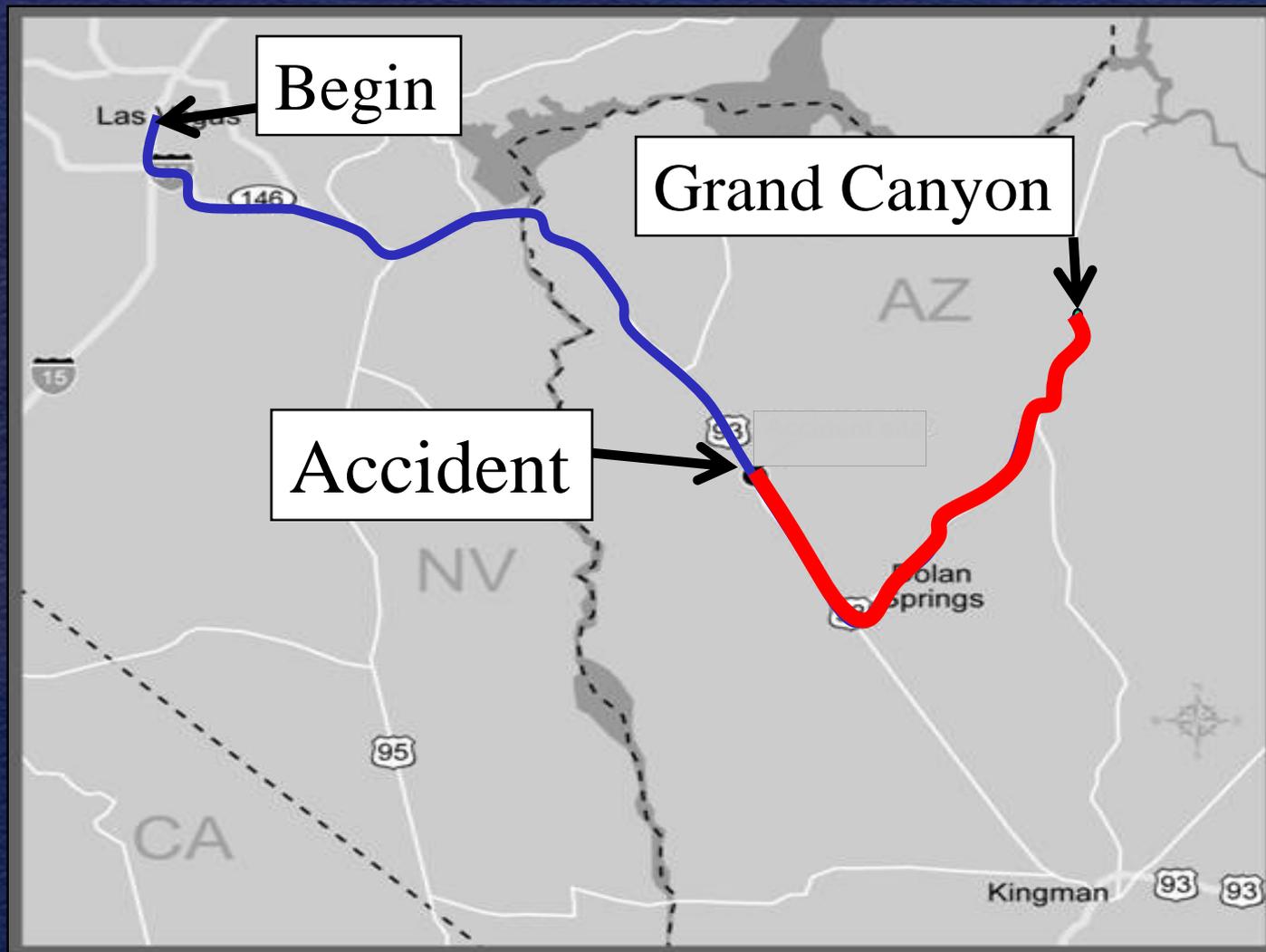
Bus Loss of Control and  
Rollover

January 30, 2009

# Introduction

- Sequence of events
- Safety issues
- Investigative/support staff
- Parties to investigation
- Introduction of presentations

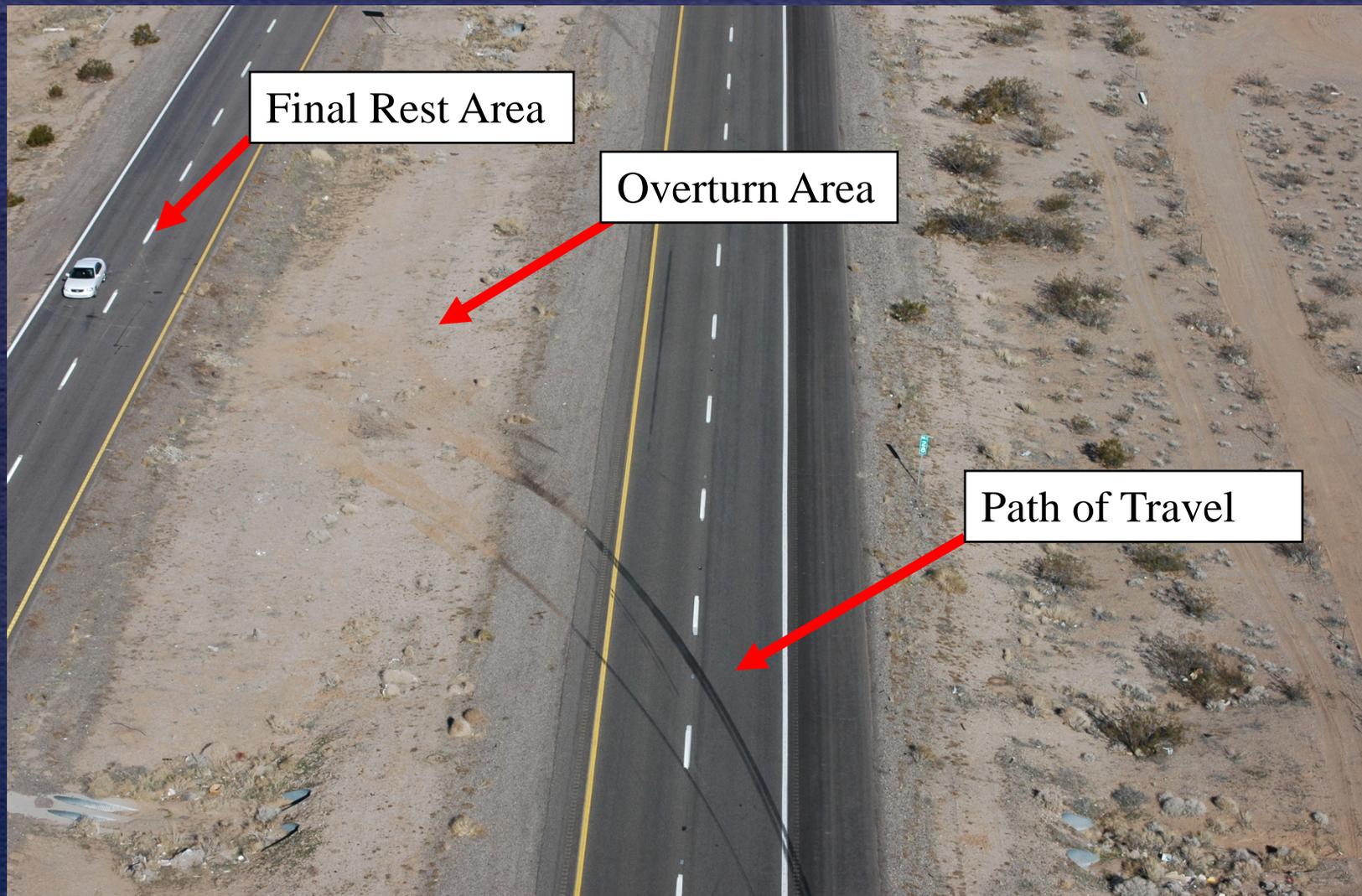
# Accident Trip



# Accident Description



# Accident Description



# Accident Description



# Injuries

- 7 passengers killed
- 9 passengers injured
- Driver injured

# Safety Issues

- Regulatory definitions and regulation classification of buses
- Retention and protection of passengers during rollovers
- Failure of bus driver to maintain control
- Vehicle control technology
- Event data recorders

# On-Scene Investigative Staff

Jim LeBerte

Motor Carrier

Ron Kaminski

Survival Factors

Dennis Collins

Human Performance

Larry Yohe (ret)

Vehicle Factors

Dave Rayburn

Highway Factors

Chris Voeglie

Event Data Recorders

Pete Kotowski

Investigator-In-Charge

# Report Development Staff

Jennifer Morrison	Vehicle Factors
Kristin Poland	Vehicle Performance
Bruce Coury (ret)	Statistical Analysis
Shane Lack	Computer Simulation
Debbie Stocker	Report Editor
Julie Perrot	Safety Recommendations
Avis Clark	Audio/Visual
Rafael Marshall	Project Manager

# Parties to Investigation

- Federal Motor Carrier Safety Administration
- Arizona Department of Public Safety
- DW Tour and Charter
- Starcraft Bus
- General Motors

# Presentations

- Bus Definitions Rafael Marshall
- Vehicle Crashworthiness  
Occupant Protection Ron Kaminski
- Human Performance/  
Lane Departure Warning  
Systems Dennis Collins
- Stability Control Systems Shane Lack
- Electronic Data Recorders Chris Voeglie



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