



**NTSB** National Transportation Safety Board

*Office of Aviation Safety*

# **Bali Hai Helicopter Tours Bell 206B, Kalaheo, Hawaii**

Automatic Dependent  
Surveillance-Broadcast (ADS-B)  
Nicole L. Charnon

# ADS-B

- Spring 2006 Board meeting on Gulf of Mexico helicopter crash
- ADS-B benefits presented
- Monitor low-flying aircraft in remote areas
- Recommendation A-06-21 to FAA to implement ADS-B in Gulf by 2010

# Safety Concerns/ADS-B Benefits

- Concerns in Hawaii
  - Mountainous terrain
  - Limited radar coverage
  - Weather challenges
  - High-density air tour traffic
- ADS-B safety benefits
  - Flight monitoring for operators, FAA
  - Enhanced in-flight navigation
  - Terrain information, weather updates
  - Traffic information

# Cockpit Displays



Weather



Traffic



Terrain



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