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# NTSB FORUM

OCT. 7, 2014



EMERGING

# FLIGHT DATA & LOCATOR

TECHNOLOGY

## Agenda

### OPENING (08:30 AM – 08:45 AM)

**Opening Statement**, Acting Chairman Christopher Hart

**Opening Remarks**, Dr. Joseph Kolly

**Introductions**, Ms. Erin Gormley

### PANEL 1: REGULATORY OVERVIEW (08:45 AM - 09:55 AM)

This session will review the organizational framework and structure of the US and international regulatory and standards bodies. The processes involved in developing and implementing recommendations, regulations, standards, and practices will be reviewed. The participants will discuss current rules, upcoming changes, and ongoing activities in the areas of flight recorders and aircraft tracking.

#### Invited Panelists:

**Ms. Margaret Gilligan**,  
Federal Aviation Administration (FAA)

**Mr. Thomas Mickler**,  
European Aviation Safety Agency (EASA)

**Mr. Marcus Costa**,  
International Civil Aviation Organization (ICAO)

### MORNING BREAK (09:55 AM-10:15 AM)

### PANEL 2: AIRFRAME, ON-BOARD SYSTEM, AND SERVICE PROVIDER VIEWPOINT (10:15 AM -11:45 AM)

Airframe manufacturer, supplier, and infrastructure provider's perspectives on technology solutions to provide a more timely location and recovery of flight data following an accident.

#### Invited Panelists:

**Dr. Pascal Andrei**,  
Airbus

**Mr. Mark Smith**,  
Boeing Commercial Airplane Company

**Mr. Chris Benich**,  
Honeywell

**Mr. Steve Kong**,  
Inmarsat

### LUNCH (11:45 AM-01:15 PM)

### PANEL 3: TECHNOLOGY SOLUTIONS (01:15 PM-03:05 PM)

This session will summarize possible technical solutions that would assist in wreckage location, recorder retrieval, and flight data recovery. Technical details of two specific technologies, a deployable flight recorder system and a method for wireless transmission of flight data, will be presented.

#### Invited Panelists:

**Dr. Philippe Plantin de Hugues**,  
Bureau d'Enquêtes et d'Analyses (BEA)

**Mr. Ric Sasse**,  
Naval Sea Systems Command

**Mr. Thomas Schmutz**,  
L3 Communications Corporation

**Mr. Blake van den Heuvel**,  
DRS Technologies Canada Ltd.

**Mr. Richard Hayden**,  
FLYHT Aerospace Solutions Ltd.

### AFTERNOON BREAK (03:05 PM-03:25 PM)

### PANEL 4: FUTURE PATH (03:25 PM- 04:35 PM)

This session will address some of the obstacles that need to be overcome to implement new and emerging technology that would allow for a more efficient recovery of flight data. Discussion will include difficulties in technical certification, and management and labor perspectives on data use, storage, and protection.

#### Invited Panelists:

**Captain Charles Hogeman**,  
Air Line Pilots Association (ALPA)

**Mr. Dennis Zvacek**,  
American Airlines

**Mr. Timothy Shaver**,  
Federal Aviation Administration (FAA)

**Closing Statement**, Acting Chairman Christopher Hart