



# 2004 Weather Accident Prevention Review Agenda

"Celebrating Today's Success... Looking to Tomorrow's Challenges"

**Wednesday, June 2, 2004**

## **Plenary Session (311 Premier Ballroom)**

8:30–8:35 AM	Welcome	Dr. Ron Colantonio, NASA
8:35–8:45 AM	Review Objectives & Logistics	Gus Martzaklis, NASA
8:45–9:00 AM	NASA Weather Accident Prevention Project Overview	Gus Martzaklis, NASA
9:00–9:45 AM	Keynote Address: <i>NASA WxAP and End Users Successes, Challenges and Opportunities</i>	Captain Lawrence A. "Bud" Sittig, Delta Airlines
9:45–10:00 AM	<u>15 Minute Break</u>	
10:00–10:20 AM	Tropospheric Airborne Meteorological Data Reporting (TAMDAR) System Implementation	Mark Anderson, AirDat
10:20–11:00 AM	<u>Satellite-Delivered Cockpit Weather:</u>	
10:20–10:40 AM	<ul style="list-style-type: none"><li>• Knowledge Transfer Success</li></ul>	Rob Harshaw, Heads Up
10:40–11:00 AM	<ul style="list-style-type: none"><li>• Technology Transfer Success</li></ul>	Arlo Gambell, WSI
11:00–11:20 AM	Turbulence Prediction Radar Implementation	Roy Robertson, Rockwell Collins
11:20–11:25 AM	Plenary Wrap Up	Gus Martzaklis, NASA

## **AWIN Session (311 Premier Ballroom)**

	Aviation Weather Information (AWIN) Overview	Paul Stough, NASA
11:25–11:35 AM		
11:35–12:05 PM	Advanced Satellite Aviation-weather Products (ASAP)	John Murray, NASA
12:00–1:30 PM	<u>Lunch Break</u>	
1:30–2:00 PM	NASA TAMDAR Development	Taumi Daniels, NASA
2:00–2:30 PM	Cockpit Presentation of Weather Information for General Aviation Airplanes: Part 1	Ray McAdaragh, FAA R&D Field Office
2:30–3:00 PM	Cockpit Presentation of Weather Information for General Aviation Airplanes: Part 2	Jim Chamberlain, NASA
3:00–3:15 PM	Cockpit Presentation of Weather Information for Transport Airplanes	Paul Stough, NASA
3:15–3:30 PM	<u>15 Minute Break</u>	

## **WINCOMM Session (311 Premier Ballroom)**

3:30–4:00 PM	Weather Information Communications (WINCOMM) Overview	Mike Jarrell, NASA
4:00–4:30 PM	Enhancement with Flight Validation of Aviation Datalinks/Network for Weather Dissemination	Jim Griner, NASA
4:30–5:00 PM	Research and Development of Future Datalinks for Aviation Weather Dissemination	Thomas Tanger, OAI
———5:00 PM	<u>Adjourn</u>	



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Thursday, June 3, 2004

## TPAWS Session (311 Premier Ballroom)

8:00–8:15 AM	Turbulence Prediction and Warning Systems (TPAWS) Overview	Jim Watson, NASA
8:15–8:45 AM	TPAWS Radar, the Next "STEP"	Dr. Roland Bowles, ATR
8:45–9:15 AM	Certification Methodology & Tools	Dr. Fred Proctor, NASA and David Hamilton, NASA
9:15–9:45 AM	The Evaluation of a Prototype Auto-PIREP System	Dr. Paul Robinson, ATR
9:45–10:00 AM	<u>15 Minute Break</u>	
10:00–10:10 AM	Airborne Turbulence In-Situ Reporting Tri-Agency Team	Sandra Schmidt, FAA & Rod Bogue, NASA
10:10–10:40 AM	ATIE Integrated (AWIN/TPAWS) Turbulence Cockpit Display Experiment	Steve Williams, NASA
10:40–11:10 AM	Autopilot Studies for Turbulence Ride-Smoothing	Chris Borland, Boeing
11:10–11:40 AM	Lidar Turbulence Sensor Flight Results	Ed Teets, NASA
11:40–12:00 PM	Weather Accident Prevention Flight Plans	Eldridge Frazier, Zin Technologies
12:00–12:05 PM	Workshop Logistics	Gus Martzaklis, NASA

## Awards Luncheon (206-208 Vista Ballroom)

12:05–2:00 PM Awards Luncheon Ceremony

## Workshop Sessions

2:00–4:00 PM	Breakout Workshops:	
	• AWIN: 311 Premier Ballroom	Paul Stough, NASA
	• WINCOMM: 201–202 S. Concourse	Mike Jarrell, NASA
	• TPAWS: 204–205 S. Concourse	Jim Watson & Rod Bogue, NASA
—4:00 PM	<u>Adjourn</u>	



# 2004 Weather Accident Prevention Review Agenda

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**Friday, June 4, 2004**

## **Workshop Brief-out Session (311 Premier Ballroom)**

8:00–8:20 AM	AWIN Workshop Brief-out	Paul Stough, NASA
8:20–8:40 AM	WINCOMM Workshop Brief-out	Mike Jarrell, NASA
8:40–9:00 AM	TPAWS Workshop Brief-out	Jim Watson & Rod Bogue, NASA

## **Follow-on Aviation Weather Safety Research Session (311 Premier Ballroom)**

9:00–10:00 AM	Follow-on Planning To-Date –Planning Approach –User Requirements/Needs	Gus Martzaklis, NASA
10:00–12:00 PM	Open Floor Discussion on Follow-on Needed Research & Technology	All (NASA Facilitated)
—————12:00 PM	<u>Adjourn</u>	