

UPS Flight 2976 Crash During Takeoff

8:00 A.M. ET

NTSB BOARDROOM

WASHINGTON, DC



Source: UPS

AGENDA, PANELS & ISSUE AREAS | DAY 1

Times are subject to change. Breaks will be announced.


TUESDAY, MAY 19

Panel 1: Fleet Safety Processes


- 8:00 a.m.–9:00 a.m. **Opening Statements**
- 9:00 a.m.–11:30 a.m. **Reporting processes for anomalies found during inspection and maintenance**
 - » Maintenance manual inspection instructions
 - » Reporting process to UPS quality assurance
 - » UPS reporting to Boeing and FAA
 - » FAA reporting requirements for Part 121 operators
- 11:30 a.m.–12:30 p.m. **Lunch (on your own)**
- 12:30 p.m.–3:00 p.m. **FAA and Boeing continued operational safety (COS) processes**
 - » FAA methodology for COS
 - » Boeing COS program
 - » FAA-Boeing COS working agreements
 - » COS program oversight
- 3:00 p.m.–5:30 p.m. **Communications to operators after COS actions are completed**
 - » FAA and Boeing processes for developing communications after COS determination
 - » UPS process for evaluating communications from FAA and Boeing
- 5:30 p.m.–6:00 p.m. **Day 1 Closing**

TECHNICAL PANEL	WITNESS PANEL
Nils Johnson Katherine Wilson, PhD Clinton Crookshanks Elouisa Oki	Shannon Deckard, United Parcel Service (UPS) David Springer, UPS Henry Gallegos, ST Engineering San Antonio Aerospace Clint Dickens, International Brotherhood of Teamsters – Airline Division Brian Knaup, Federal Aviation Administration (FAA) Melanie Violette, PhD, FAA Danny Wuo, FAA Scott Hirsch, Boeing Commercial Airplanes (Boeing) Justin Konopaske, Boeing

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Investigation Page



Investigative Hearing

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AGENDA, PANELS & ISSUE AREAS | DAY 2

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WEDNESDAY, MAY 20 Panel 2: Pylon Design Requirements

- 8:00 a.m.–8:30 a.m. **Opening Statements**
- 8:30 a.m.–11:30 a.m. **FAA Part 25 design and certification requirements for pylon separation**
 - » FAA Part 25 Transport Category airplane design requirements
 - » Boeing design approach for pylon attachment
- 11:30 a.m.–12:30 p.m. **Design of aircraft systems routed through and near pylon attachment points**
 - » FAA Part 25 Transport Category airplane design requirements
 - » Boeing design approach for systems routed through and near pylon
- 12:30 p.m.–1:00 p.m. **Day 2 Closing/Adjourn**

TECHNICAL PANEL	WITNESS PANEL
Clinton Crookshanks	Todd Martin, FAA
Elouisa Oki	Ken Fairhurst, FAA
Caleb Wagner	Justin Konopaske, Boeing
Sunchet Saoji	Steve Chisholm, Boeing

ACRONYMS, ABBREVIATIONS & INITIALISMS

ACO	Aircraft Certification Office	GMM	general maintenance manual	SACO	Seattle Aircraft Certification Office
AC	Advisory Circular	GVI	general visual inspection	SAIB	Special Airworthiness Information Bulletin
AD	Airworthiness Directive	ICA	instructions for continued airworthiness	SAFO	Safety Alerts for Operators
ALI	airworthiness limitation instructions	IRT	incident review team	SB	service bulletin
AMOC	alternative methods of compliance	LAACO	Los Angeles Aircraft Certification Office	SBRV	slat balanced relief valve
AMM	aircraft maintenance manual	MDC	McDonnell-Douglas Corporation	SDR	service difficulty report
ASB	alert service bulletin	MISR	mechanical interruption summary report	SL	service letter
ATA	Airline Transport Association	MOM	multi-operator message	SRM	structural repair manual
BCA	Boeing Commercial Airplanes	MPD	maintenance planning document	STE SAA	ST Engineering San Antonio Aerospace
BCS	Boeing Communication System	MPM	maintenance programs manual	TARAM	Transport Airplane Risk Assessment Methodology
CARB	Corrective Action Review Board	MRB	Maintenance Review Board	UPS	United Parcel Service
CASS	Continuing Analysis and Surveillance System	MSAD	monitor safety/analyze data		
CFR	Code of Federal Regulations	MSG-3	Manufacturer Steering Group 3		
COS	continued operational safety	ODA	Organization Designation Authorization		
COSP	continued operational safety program	OEM	original equipment manufacturer		
CVR	cockpit voice recorder	OHM	overhaul manual		
DAH	Design Approval Holder	PS	Periodic Service		
DVI	detailed visual inspection	PSE	principal structural element		
EO	engineering order	PSI	potential safety issue		
FAA	Federal Aviation Administration	R&R	remove and replace		
FAR	Federal Aviation Regulation				
FDR	flight data recorder				
FTD	Fleet Team Digest				