

DCA Midair Collision



Agenda, Panels and Issue Areas

DAY 1: WEDNESDAY, JULY 30

Times are approximate (Eastern Time). Breaks will be announced.

Opening Statements 9:00 a.m. – 10:00 a.m.

- Chairwoman’s Opening Statement
- Introduction of the Parties
- Introduction of the Exhibits
- Investigator-in-Charge (IIC) Opening Presentation

PANEL 1 10:00 a.m. – 2:00 p.m.

Overview of Accident Helicopter’s Air Data Systems and Altimeters

| Witness Panel | Technical Panel |
|---|--|
| CW4 Kylene Lewis, US Army Scott Rosengren, US Army Steve Braddom, US Army Dan Cooper, Sikorsky Aircraft Lance Gant, Federal Aviation Administration (FAA) | Chihoon Shin Marie Moler Sean Payne Michael Portman |
| Issue Areas | |
| Helicopter static pressure and pressure altimeter systems | |
| Static system error and instrument error of the altimeter | |
| Total error affects the accuracy of barometric altitude | |
| MIL design standards for Army rotorcraft (MIL-I-6115A) | |
| FAA design standards for Parts 27 and 29 (specifically 27.1325 and 29.1325) | |
| Challenges in designing air data systems for helicopters and how that impacts accuracy of instruments and systems using air data | |
| Helicopter altimeter accuracy, standards, checks and verification | |
| Air data accuracy for flight recorders | |
| » FAA | |
| - Appendix B to Part 121, Appendix C and Appendix E for Part 135, Appendix F to Part 91, AC 20-141B | |
| - Initial and continued validation of air data accuracy | |
| » US Army | |
| - Design standards | |
| - Initial and continued validation of air data accuracy | |

Lunch (on your own) 2:00 p.m. – 2:45 p.m.

PANEL 2 2:45 p.m. – 6:30 p.m.

Overview of the DCA Class B Airspace and Helicopter Routes

| Witness Panel | Technical Panel |
|--|--|
| Clark Allen, FAA Jon Stowe, FAA Nick Fuller, FAA Katie Murphy, FAA CW5 David Van Vetchen, US Army COL Andy Deforest, US Army Rick Dressler, Metro Aviation, Inc. LTC Paul Flanigen, US Army Steve Casner, PhD, NASA Ames (Retired) | Brian Soper Sarah Lewis Katherine Wilson, PhD Capt. Van McKenny |
| Issue Areas | |
| Understanding the airspace surrounding DCA; ATC perspective | |
| Understanding the airspace surrounding DCA; operator perspective | |
| FAA standards governing design of class B airspace separation standards | |
| History of the helicopter routes, to include request, development, and approval process of the Baltimore-Washington helicopter routes – with special focus on Route 4 | |
| Description of the Army’s mission and tasking in the National Capital Region (NCR) and their use of the helicopter routes | |
| Complexities of fleet mix and history of safety issues involving helicopters | |
| » ATC perspective | |
| » Operator perspective | |
| History and activities of the DCA Helicopter Working Group | |
| ADSB-out | |

Chairwoman’s Closing Remarks . . 6:30 p.m. – 7:00 p.m.

– DAY 1 ADJOURNS –

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Investigation Page



Investigative Hearing

