

Assessing Radiation Exposure, Health Outcomes, and Mitigation Strategies for Flight Crewmembers


Committee Meeting #4: December 3, 2025

PUBLIC AGENDA

WEDNESDAY, DECEMBER 3, 2025 | OPEN SESSION (All times are US Eastern.)

Purpose

- The committee has been tasked by FAA to engage stakeholders, including researchers and organizations that monitor radiation exposure of flight crew, in order to develop a short consensus report with its findings, conclusions, and, as appropriate, recommendations to inform strategies for monitoring, assessing, and mitigating radiation exposure levels and any associated health impacts.
- Receive information from invited speakers who develop dosimeters for aviation environments and groups that perform active radiation monitoring in aviation environments.

- 1:00-1:10** **Welcome and Introductions**
Jonathan Samet, Committee Chair, Colorado School of Public Health
- 1:10-1:40** **Operational Science**
Michael McCall, President and Chief Executive Officer, PCAire
- 1:40-2:10** **ARMAS Radiation Monitoring System**
W. Kent Tobiska, President and Chief Scientist, Space Environment Technologies
- 2:10-2:40** **Radiation Monitoring in the Commercial Aviation Environment**
Eric Benton, Professor, Oklahoma State University
- 2:40-2:50** **BREAK**
- 2:50-3:20** **The Art of Developing Practical Dosimetry – Stochastic Energy Deposition and Airline Considerations**
Les Braby, Research Professor, Texas A&M University
- 3:20-3:50** **Forecasting Radiation Exposure on a Decadal Scale (1-22 years)**
Katherine Monson and *Scott McIntosh*, Founders, Hale SWx
- 3:50-4:00** **Public Comment (10 min)**
Do you have a comment for the committee? Submit your questions and comments via Slido # 2292167 or by using the QR code.
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- 4:00** **ADJOURN**
Jonathan Samet, Committee Chair, Colorado School of Public Health
Daniel Mulrow, Study Director, National Academies