

ASHRAE SSPC161P Meeting Minutes (Approved)

Tampa, FL

June 26, 2023 -- 2:30 – 4:30 pm EDT

(Hybrid meeting format)

Attendees—

Voting members in attendance, either in person (IP) or virtual (V) (11 of 16):

Catherine Thibaud, Airbus (Committee Chair) (IP)
Stephen Trent, Boeing (Vice-Chair) (V)
Judith Anderson, AFA-CWA (Secretary) (V)
Allison Glaser, American Airlines (V)
Ben Thiesse, American Airlines (IP)
Byron Jones, KSU (V)
Daniel Tandoi, Vereinigung Cockpit (V)
Frank Brehany, passenger representative (V)
Richard Fox, Aircraft Environment Solutions, Inc. (IP)
Troy Winters, CUPE (V)
Aaron Engel, Fresh-Aire UV (V)

Voting members absent:

Don Largent, AAF-Flanders
Karen Reilly, ALPA
Lubos Forejt, Honeywell Aerospace
Michael Massoni, TWU Local 556
Shelby Taylor, Pexco Aerospace

Non-voting members present:

Allen Johnston, Green Tech Environmental (IP)
Gwelen Paliaga, SPLS Liaison (IP)
Mark Weber, Staff Liaison (V)
Stephanie Licht, Boeing (IP)

Non-voting members absent:

Andreas Bezold, Airbus
Chris Witkowski, AFA-CWA (organizational)
Jerome Johnston, Boeing
Tim Ahn, Clean & Science Co.

Guests:

David Space
Jeffrey Roseberry
Jeremy Miller
Ken Warren, Seatac Airport
Larry Britt, Aeroparts
Pavel Wargocki, Technical University of Denmark

Introduction:

- Catherine Thibaud welcomed people attending in-person and virtually, reviewed the meeting agenda, and reviewed the ASHRAE code of ethics commitment.
- Judith Anderson confirmed that we have a quorum (11 of 16 voting members in attendance).

Membership:

- Gwelen Pagalia introduced himself as our new SPLS committee liaison and thanked everyone for their contribution to this committee. He reported that the following new membership recommendations were approved: Richard Fox (as chair), Ben Thiesse (as vice-chair). Judith Anderson will continue as secretary until her current term ends on June 30, 2024. Three new NVM members were approved - Susan Michaelis (flight personnel), Tristan Loraine (flight personnel), and Annette Uda (general).
- Catherine Thibaud noted that, effective July 1, 2023, her term as Chair will end. Stephen Trent, Stephanie Licht, and Jerome Johnston (all with Boeing) resigned from the committee, effective June 30, 2023.
- Catherine Thibaud reviewed the membership roster and noted that it is out of balance in favor of flight personnel. Gwelen Pagalia stated that the committee is in balance per ASHRAE rules, and the committee can still vote on items unless and until one group has more than 50% of the votes.
- Mark Weber, ASHRAE Staff Liaison, confirmed that Richard Fox will change his interest category from general interest to manufacturer. Gwelen Pagalia stated that the change will occur during the roster update in October.
- The committee discussed whether aerospace manufacturers should be distinguished from non-aerospace manufacturers, the previous attempts to invite new members, proposals to issue formal invitations for new members, and the value of ensuring balance to facilitate

balanced discussions. The current membership categories may be reviewed under the new committee leadership.

Old Business:

Action item: Judith Anderson will circulate the Feb. 2023 draft meeting minutes (with revisions) to the committee for approval by email ballot.

New Business:

Gwelen Pagalia reported that Standard 161 will be republished in 2023. First, we must update reference dates (years) if there is a newer version of the same reference. This is considered a substantive change. We do not anticipate comments, but it is the only issue standing in the way of republication. The list of references will be added as Addendum g which will be released for public review.

Action item – To prepare for the publication of ASHRAE Standard 161-2023, Ben Thiesse, Richard Fox, and Catherine Thibaud will review the Standard 161-2018 and its addenda to ensure that all references are current (e.g., ASHRAE, EN, IEST, and FAA standards). ASHRAE staff will format the proposed addendum and then the document will come back to our committee for final approval.

Catherine Thibaud presented the committee work plan that she drafted which was to republish Standard 161 in 2023 with the addenda.

Judith Anderson provided a brief update on Guideline 28, including text being drafted by the Marker Compound Task Group.

Byron Jones presented an update on FAA sponsored research titled “Cabin Air Quality and Bleed Air Contamination Detection, phase II.” He did not present actual data but reported some preliminary observations on bleed air contaminant data collected on FAA’s B747 research aircraft in Atlantic City. The team injected oil downstream of the engine compressors and upstream of the precooler to measure contaminants in engine bleed air and upstream of the APU compressors to measure contaminants in the APU bleed air. The research team was led by Kansas State University with operational assistance of the FAA and multiple manufacturers of aircraft, engines, and sensors. The final report for this project is expected to be completed in early 2024.

Our next meeting will be in January 2024. Room reservations will be issued in fall 2023.

Meeting adjourned.