

ASHRAE SSPC161P Meeting Minutesⁱ

February 2, 2022 – telecon format

Attendees—

Voting members present (9 of 16):

Catherine Thibaud, Airbus (Committee Chair)
Stephen Trent, Boeing (Vice-Chair)
Judith Anderson, AFA-CWA (Secretary)
Byron Jones, KSU
Frank Brehany, passenger representative
John Hall, IAMAW
Karen Reilly, ALPA
Lubos Forejt, Honeywell Aerospace
Richard Fox, Aircraft Environment Solutions, Inc.

Voting members absent:

Allison Glaser, Allied Pilots Association
Aaron Engel, Fresh-Aire UV
Ben Thiesse, American Airlines
Daniel Tandoi, Vereinigung Cockpit
Don Largent – AAF-Flanders
Michael Massoni, TWU Local 556
Shelby Taylor, Pexco Aerospace

Non-voting members present:

Andreas Bezold, Airbus
Mark Weber, Staff Liaison
Stephanie Licht, Boeing
Troy Winters, CUPE

Non-voting members absent:

Chris Witkowski, AFA-CWA (organizational)
Gwelen Paliaga, new SPLS liaison
Jerome Johnston, Boeing
Timothy Ahn, Clean & Science Co.

Guests:

Florian Mayer, Fraunhofer

- Catherine Thibaud welcomed attendees and reviewed the meeting agenda.
- Catherine Thibaud reviewed the ASHRAE code of ethics commitment.
- Judith Anderson confirmed that we have quorum (9 of 16 voting members in attendance).

Membership:

- Catherine Thibaud noted that, effective July 1, 2021, Richard Fox, Byron Jones, and Michael Massoni are approved as voting members (renewed), Karen Reilly transitioned to voting member, Troy Winters is approved as a new non-voting member, and Tamara DiMaddalena and Karl Peterman rolled off the committee. There have been no membership changes since then.

Old business:

- Judith Anderson reviewed the minutes of the 18 June 2021 SSPC161P committee meeting and invited corrections/additions (there were none). Catherine Thibaud made a motion to approve the minutes from the June 18, 2021 meeting. Stephen Trent seconded the motion. Motion passed 9:0:0 (in favor: Anderson, Brehany, Forejt, Fox, Hall, Jones, Reilly, Thibaud, Trent).
- The committee revisited a discussion of whether to reduce committee meetings to once per year. Judith Anderson reported back on her action item from the 18 June 2021 meeting and acknowledged Mark Weber (ASHRAE staff) for his assistance. Per the “Procedures for ASHRAE Standards Actions” (PASA) guidance, there is no defined minimum required number of meetings, although given that we have documents to maintain, one meeting may be insufficient.

MEETINGS (See PASA 7.4.1): “All meetings in ASHRAE are open, on a space-available basis, to observation by directly and materially interested parties. PCs normally meet a minimum of twice each year at the Society meetings. This also includes subcommittee and working group meetings. . ASHRAE staff is responsible for publicly announcing meetings at the request of the PC Chair. PC Chairs are also encouraged to announce meetings to the entire PC membership. Participation in the meeting is by permission of the Chair. While all meetings are open the Chair may limit discussions to members of the PC, may limit the length of presentations, etc. It is advisable to allow directly and materially interested parties attending the meetings to participate but there may be instances where this is not possible. Participation by directly and materially interested parties can be met by submitting a public comment.”

Judith Anderson, Byron Jones, Frank Brehany, and Richard Fox all spoke in favor of keeping two meetings per year. Catherine Thibaud proposed coordinating our meeting

schedule with TC9.3 meetings for convenience of virtual option. Frank noted the high cost and limited practicality of attending face-to-face meetings when they are less than a day long, especially for European participants. He requested a fixed option to join the committee meetings through a virtual platform.

There was consensus to keep two meetings per year, to schedule them with other related meetings within a day to facilitate participation/minimize travel costs, to provide a fixed option for members to attend meetings remotely, and to schedule meetings at a time of day suitable to accommodate the anticipated range of participants (generally Central Europe through to Pacific coast). We expect the summer meeting to continue to be virtual and the winter meeting to be hybrid; i.e., in-person with virtual access.

- A revised version of Guideline 28 was published in July 2021 (G28-2021). Katrina Shingles (ASHRAE staff) offered everyone either a hard or pdf copy at no cost.
- Catherine Thibaud led updates on other CAQ meetings:

The SAE AC9M committee has published AS6923 which covers portable sensor devices for onboard fumes. Richard Fox confirmed that the companion document (AIR6418) is being formatted for Aerospace Council, to be approved for publication. The committee is now working on the scope of a new document that will likely be an AIR.

Judith Anderson reported that the CEN 436 committee drafted prEN17436 which was not published. National Standardization Bodies across the EU are now deciding whether to approve it to be considered as a Technical Report instead.

Richard Fox confirmed that the SAE E31B committee published AS6418 for transient real-time sensor measurements on engine test stand. The committee is also proposing a new AIR for collection of on-wing sensor measurements. The scope and the SAE committee which will lead that effort are still to-be-determined, but it will likely involve E31B and AC9M.

New business:

- Stephen Trent described “Basecamp” ASHRAE site which is like a “dropbox” tool that we can use to share documents between committee members. Note that, until posted documents are published, they are only available for review (not sharing). He circulated the draft report for ASHRAE RP1830 to members. PMS has indicated support for the final report. TC9.3 is expected to discuss and approve the final report at their meeting on Feb. 7, 2022. We can also share meeting minutes on that site.
- Standard 161 will be republished in 2023. Daniel Haas has proposed a revision to the recirculated filter classification requirement to current HEPA filter guidance because the MERV-17 classification is outdated. Byron Jones asked if a task group (TG) should be

assigned to propose wording. Catherine approved formation of a TG. Stephen volunteered to participate. The committee can “accept in principle” Daniel’s comment and then send our response to Daniel using the online system. Then we would propose an addendum to Standard 161 – Stephen intends to draft it this month. Byron made a motion that we accept in principle the proposed change to Standard 161 from Daniel Haas. Frank seconded. Motion passed 9:0:0. 0 (in favor: Anderson, Brehany, Forejt, Fox, Hall, Jones, Reilly, Thibaud, Trent). Once the relevant addendum to Standard 161 is drafted, Stephen Trent will propose comparable language for Guideline 28.

Action item: Members will review Standard 161 for other changes that they wish to propose prior to the next publication cycle.

Byron Jones said that, based on RP1830 findings, carbon monoxide (CO) is not a useful marker for oil and hydraulic fluid fumes. Judith Anderson agreed that it will not be consistently present but noted that the test conditions would not have been expected to generate CO because the temperature was below 300°C. Byron Jones agreed that the temperatures achieved in the experiments were not expected to generate appreciable amounts of CO. Catherine Thibaud approved formation of a TG. Members include Byron Jones, Judith Anderson, Richard Fox, Stephen Trent, Stephanie Licht, Catherine Thibaud, and Frank Brehany. Judith Anderson will lead it and will propose meeting times for CO Task Group. (Note: Ben Thiesse and Andreas Bezold joined the CO task group after the meeting.)

Any other business:

- Frank Brehany asked if future documents will be disseminated via Basecamp. Stephen Trent confirmed that Basecamp has an option to comment on documents.
- We anticipate that our next meeting may be in-person and will be scheduled during the ASHRAE Toronto summer meetings: June 25 – 29, 2022. Catherine will circulate an addendum. Propose Monday morning start time at 8:00am. Joint research subcommittee meeting prior to SPC16P meeting, then SPC161P, then TC9.3.

Stephen Trent made a motion to close the meeting. Judith Anderson seconded the motion.

Meeting adjourned.

ⁱ Approved by email ballot which closed on 18 April 2022.