



NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards

NFPA Technical Committee on Airport Facilities NFPA 409, NFPA 415 and NFPA 423

PLANNING MEETING AGENDA

Wednesday, March 2, 2022
1:00 p.m. - Conclusion (Eastern)

Microsoft Teams Web Conference
To join the meeting, please contact Kristi Smith (ksmith@nfpa.org)

1. **Call to Order.** Call meeting to order by Chair Matthew J. Daelhousen at 1:00 p.m. (Eastern) on Wednesday, March 2, 2022.
2. **Chairman's Remarks.** Matthew J. Daelhousen.
3. **Staff Liaison Introduction.** Kevin Carr.
4. **Self-Introduction of Committee Members and Guests.** For a current committee roster, [see page 3.](#)
5. **Approval of Prior Meeting Minutes.** Approve the February 23 - 26 and March 29 - 30, 2021 Second Draft Meeting Minutes, [see page 8.](#)
6. **Current Edition/Next Edition Update.** NFPA Staff Liaison to provide an update on the 2022 editions, and next edition timelines, for the following documents:
 - a. NFPA 409
 - b. NFPA 415
 - c. NFPA 423
7. **NFPA Fire Protection Research Foundation (FPRF) Project Update.** Update on the project, "Performance Criteria for Aircraft Hangar Fire Protection Systems".
8. **Task Group Update.** Task group leaders to provide an update to the technical committee on the following items:



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- a. TG#1, Possible document reorganization/reformatting changes in the next revision cycle: Martin H. Workman, James Brent Abbott, Richard M. DiMisa, Eli Horden, Steve Rice
 - b. TG#2, Review language from CI-44 for possible changes in the next revision cycle: Fred Walker, Nathaniel J. Addleman, John A. Frank, Eli Horden.
9. **NFPA 409/NFPA 16 Discussion.** Review references to NFPA 16 in the 2022 edition of NFPA 409 by the technical committee.
 10. **Other Business.**
 11. **Future Meetings.**
 12. **Adjournment.**

Address List No Phone

01/21/2022

Kevin Carr

AIS-AAA

Airport Facilities

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Technical Committee on Airport Facilities (AIS-AAA)

NFPA 409/NFPA 415/NFPA 423 SECOND DRAFT MEETING MINUTES

Tuesday, February 23 through Friday, February 26, 2021

AND

Monday, March 29 and Tuesday, March 30, 2021

Web/Teleconference Via Microsoft Teams

- 1. Call to Order & Chairman's Opening Remarks.** The meeting was called to order at 10:06 a.m. (ET) on Tuesday, February 23, 2021 by the Technical Committee Chairman Matthew J. Daelhousen. The purpose of the meeting was to consider and act on Public Comments and develop Second Revisions for the Second Draft Report for NFPA 409, NFPA 415 and NFPA 423, respectfully.

Mr. Daelhousen then welcomed the members and guests of the Technical Committee and thanked them for participating in the meeting.

- 2. Staff Liaison Remarks.** Staff Liaison Kevin Carr welcomed everyone to the meeting and provided updates and information on the agenda.

- 3. Introduction of Committee Members and Guests.** The names of Technical Committee members who participated in the web/teleconference are presented in the following table:

TECHNICAL COMMITTEE MEMBERS WHO PARTICIPATED:

NAME	COMPANY
Matthew J. Daelhousen, <i>Chair</i>	FM Global
Kevin Carr, <i>Staff Liaison</i>	NFPA
James Brent Abbott, <i>Principal</i>	US Department of Defense
Bryan Eugene Batt, <i>Principal</i>	Lockheed Martin Space Corporation
Gene E. Benzenberg, <i>Principal</i>	Alison Control, Inc.
James J. Blake, <i>Principal</i>	Vancouver Airport Authority
James Devonshire, <i>Principal</i>	Buckeye Fire Equipment Company
Richard M. DiMisa, <i>Principal</i>	Code Consultants, Inc.
Megan Eisenstein, <i>Principal</i>	National Air Transportation Association (NATA)

Scott Enides, <i>Principal</i>	S.R.I Fire Sprinkler LLC/Representing: National Fire Sprinkler Association
John A. Frank, <i>Principal</i>	Global Asset Protection Services, LLC.
Thomas D. Gambino, <i>Principal</i>	Prime Engineering, Inc.
Robert Garrett, <i>Principal</i>	VSC Fire and Security, Inc./Representing American Fire Sprinkler Association
Eli Horden, <i>Principal</i>	The Boeing Company
Aaron Johnson, <i>Principal</i>	Rural/Metro Corporation
Elwin G. Joyce, <i>Principal</i>	Eastern Kentucky University/Representing International Fire Marshals Association
Tristan Mackintosh, <i>Principal</i>	Safespill Systems
Maurice M. Pilette, <i>Principal</i>	Mechanical Designs, Ltd.
Jack Poole, <i>Principal</i>	Poole Fire Protection, Inc.
Lee T. Rindfuss, <i>Principal</i>	Marsh Risk Consulting
Anthony J. Schoenecker, <i>Principal</i>	Burns and McDonnell
Joseph A. Simone, <i>Principal</i>	US Department of the Navy
Fred Walker, <i>Principal</i>	US Department of the Air Force
Martin H. Workman, <i>Principal</i>	The Viking Corporation
Kevin M. Wypychoski, <i>Principal</i>	Precision Mechanical Services, Inc.
Gerard G. Back, Alternate (Pilette)	Jensen Hughes
John Grant Campbell, Alternate (Garrett)	Fire & Life Safety America/ Representing American Fire Sprinkler Association
Andrew S. Carmean, Alternate (Walker)	Us Department of the Air Force
Robert Coonts, Alternate (Workman)	Viking Corporation
Daniel P. Finnegan, Alternate (Pollack)	Siemens Smart Infrastructure/Representing National Electrical Manufacturers Association (NEMA)
Michael E. France, Alternate (Eisenstein)	National Air Transportation Association (NATA)
Kyle Giubbini, Alternate (Macintosh)	Safespill Systems
Jim Kinslohr, Alternate (DiMisa)	Code Consultants
John H. Pecot, Alternate (Cook)	Johnson Controls
Andrew W. Poole, Alternate (Poole)	Poole Fire Protection, Inc.
Steve Rice, Alternate (Kidd)	ABCO Fire, LLC
William Seawright, Alternate (Batt)	Lockheed Martin Corporation
Phillip C Smith, Alternate (Horden)	The Boeing Company
Robert Vincent, Alternate (Enides)	Shambaugh & Son, L.P./Representing National Fire Sprinkler Association (NFSA)
Nathaniel J. Addleman, Member Emeritus	Addleman Engineering PLLC

TECHNICAL COMMITTEE PRINCIPAL MEMBERS WHO DID NOT PARTICIPATE (WHOSE ALTERNATES DID NOT ATTEND):

NAME	COMPANY
Michael E. Aaron	Wiss Janney Elstner Associates, Inc.
David Brandenburg	Continental Airlines
Patrick Corcoran	Wolverine Fire Protection Company
Denny Ellison	Southwest Airlines Company
Robert Saunders	Wasatch Design Consultants

GUESTS

NAME	COMPANY
Vincent Anderson	City of Sunnyvale, CA
Bridgett Ashley	United States Air Force
Greg Barker	Ahern
Michael Bodnar	Fire Rover
Jose Brett	Det-Tronics
Nicholas Brondum	University of Maryland
David Burns	Siemens
Steven John Dunne	University of Maryland
Glen Edwards	Det-Tronics
Doug Fisher	Fisher Engineering
Jonathan Flamm	Sevo Systems
Kelliann Ross Lee	University of Maryland
Camille Levy	NFPA
Donald Lucas	Lawrence Berkley National Laboratory (Retired)
Andy Lynch	Fire Solutions Group
Dr. Jim Milke	University of Maryland
Darryl Nemeth	NAVFAC
Liane Ozmun	Frankfurt Short Bruza
Paul Rivers	Sisson LLC
Tracy Vecchiarelli	NFPA
Jon Wenrich	Centrex
Colleen Whitcomb	University of Maryland
Chris Wieczorek	FM Global
Vincent Wolanin	PrivateSky Aviation Services, Inc.
Bill Workman	Safespill Systems

4. Discussion of Second Draft Meeting Procedures and Second Draft Balloting. Mr. Carr reviewed the agenda and the procedures for conducting this meeting.

Mr. Carr requested that all Technical Committee members review their contact information and e-mail any updated information and/or changes to Sarah Caldwell at scaldwell@nfpa.org. He then explained the Second Draft balloting procedures. All members (Principals and Alternates) were asked to promptly complete the Second Draft Ballot when that notification is sent to them by NFPA.

5. Approval of Prior Meeting Minutes. The minutes of the March 26-28, 2019 First Draft Meeting were unanimously approved as issued.

6. Second Draft Actions on NFPA 423. No Public Comments were received. After discussion and review, Second Revisions were created.

7. Second Draft Actions on NFPA 415. All Public Comments were reviewed. After discussion and review, Second Revisions were created.

8. Second Draft Actions on NFPA 409. All Public Comments were reviewed. After discussion and review, Second Revisions were created.

Note: the technical committee recessed on Friday, February 26 until Monday, March 29, whilst reviewing NFPA 409.

During review of NFPA 409, the following items were discussed, with the noted actions taken.

Committee Inputs from First Draft Meetings.

Six Committee Inputs were reviewed:

- CI-1: Second Revision created.
- CI-40: A task group (See 9, Other Business, TG#2,) has been formed to assess options and provide an update at a subsequent planning meeting.
- CI-44: A task group (See 9. Other Business, TG#1) has been formed to assess options and provide an update at a subsequent planning meeting.
- CI-27: No action was taken by the technical committee.
- CI-28: No action was taken by the technical committee.
- CI-55: Second Revision created.

Task Groups: Reports from First Draft Meetings.

The following task groups, established at the First Draft meetings, provided reports that were reviewed and discussed. These task groups have been disbanded.

- TG2 Risk-based approach: Mr. J. Poole (Chair), Mr. Dye, Mr. France, Mr. M. Workman
- TG4 Chapter 11: Mr. J. Poole (Chair), Mr. Devonshire, Ms. Evans, Mr. Horden, Mr. Walker, Mr. Workman.

Task Groups: Reports from Second Draft Meetings.

The following task groups were formed during the Second Draft meetings and provided reports that were review and discussed. These task groups have been disbanded.

- Ignitable Floor Drainage Assemblies: Kyle Guibinni, Tristan Macintosh, Eli Horden, Fred Walker, Bryan Batt, James Blake, John Frank, Paul Rivers (guest).
- Risk Assessment: Jack Poole, James Brent Abbott, Bryan Batt, Richard DiMisa, Megan Eisenstein, Joe Simone, Martin Workman, Andrew Carmean, Mike France, Kyle Guibinni, Andrew Poole.
- ITM: Jack Poole, Elie Horden, Jim Devonshire, Martin Workman, Fred Walker

Presentations.

The following organizations provided reports and/or presentations during the review of NFPA 409. All reports/presentations are attached to these meeting minutes.

- Fire Solutions Group
- National Air Transportation Association
- Poole Fire Protection/Safespill Report
- Safespill
- University of Maryland/Poole Fire Protection

Guest Speakers.

The following individuals addressed the technical committee during the review of NFPA 409. No reports/presentations were provided.

- Bridgett Ashley/United States Air Force
- Vincent Wollanin/PrivateSky Aviation Services, Inc.

9. Other Business. The following items were discussed.

Defueled Aircraft. A discussion occurred surrounding current and new technologies pertaining to defueled aircraft. TG#1 (next cycle) will consider this topic during their upcoming review.

Possible Change of Cycle for Next Edition. This topic will be reviewed at an upcoming planning meeting to determine if further action is required.

Task Groups: Next Cycle.

The following task groups were created to report at a subsequent meeting during the next revision cycle.

- TG#1, Possible document reorganization/reformatting changes in the next revision cycle: Martin H. Workman, James Brent Abbott, Richard M. DiMisa, Eli Horden, Steve Rice.
- TG#2, Review language from CI-44 for possible changes in the next revision cycle: Fred Walker, Nathaniel J. Addleman, John A. Frank, Eli Horden.

10. Adjournment. With no further business, the Second Draft meetings were adjourned at 2:15 p.m. on Tuesday, March 30, 2021.