

CAST Cargo Fire Protection



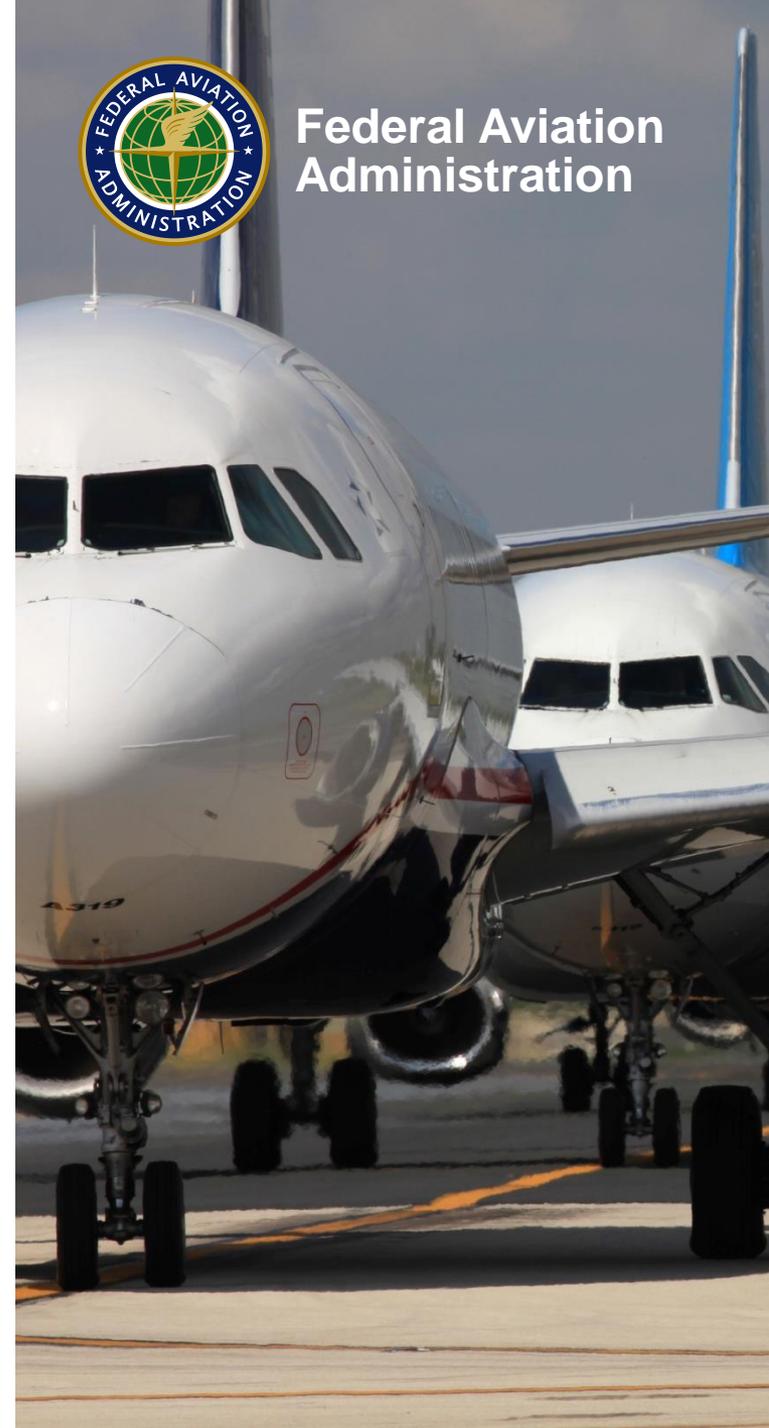
Presented to: International Aircraft Systems Fire Protection Working Group, Koeln, Germany

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Federal Aviation
Administration



Commercial Aviation Safety Team (CAST)



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Members

CAST is a cooperative government-industry initiative. CAST is co-chaired by Kenneth Hylander, Senior Vice President – Corporate Safety, Security and Compliance, Delta Air Lines and Peggy Gilligan, Associate Administrator for Aviation Safety, FAA.

Members include:

Government

- European Aviation Safety Authority (EASA) www.easa.eu.int/home
- Federal Aviation Administration (FAA) www.faa.gov
- National Aeronautics and Space Administration (NASA) www.nasa.gov
- Transport Canada Civil Aviation (TCCA) www.tc.gc.ca
- U.S. Department of Defense (DoD) www.defenselink.mil

Employee

- Air Line Pilots Association (ALPA) www.alpa.org
- Allied Pilots Association (APA) www.alliedpilots.org
- National Air Traffic Controllers Association (NATCA) www.natca.org

Industry

- Aerospace Industries Association of America Inc. (AIA) www.aia-aerospace.org
- Airbus www.airbus.com
- Airports Council International (ACI-NA) www.aci-na.org
- Airlines for America (A4A) www.airlines.org
- The Boeing Company www.boeing.com
- Flight Safety Foundation www.flightsafety.org
- GE Aviation (representing all engine manufacturers) www.geae.com
- National Air Carrier Association (NACA) www.naca.cc
- Regional Airline Association (RAA) www.raa.org

Observers

- Air Transport Association of Canada (ATAC) www.atac.ca
- Association of Asia Pacific Airlines (AAPA) www.aapairlines.org
- Association of Professional Flight Attendants (APFA) (representing all flight attendant organizations) www.apfa.org
- Civil Aviation Safety Authority of Australia (CASA) www.casa.gov.au
- International Air Transport Association (IATA) www.iata.org
- International Civil Aviation Organization (ICAO) www.icao.int
- International Federation of Air Line Pilots' Associations (IFALPA) www.ifalpa.org
- National Transportation Safety Board (NTSB) www.nts.gov

Structure

CAST Member Meetings (High Level)
Establishes Tasks and Outcomes



**JIMDAT- Joint Implementation Measurement Data
Analysis Team (Working Level)**
**Conducts activities to accomplish identified tasks and
outcomes.**

Safety Enhancement 127

Cargo: Fire Containment

This SE reduces cargo fires through new or revised standards for the construction of standardized and improved cargo containers that include fire-suppression or fire-containment systems.

Status: Underway

This SE led to the development of draft SAE AS6453 and ISO/CD 14186 standards for Fire Containment Covers (FCCs). These standards are very close to finalization.

It also led to the recently initiated ISO development of a draft standard for Fire Resistant Containers (FRCs). SAE will also develop a FRC standard.

The goal is for both the SAE and ISO FCC and FRC standards to be effectively identical.

Safety Enhancement 126

Cargo – Mitigations for Hazardous Material Fires

To reduce the occurrence of accidents and incidents from fires involving high-consequence hazardous materials, develop systems to contain or suppress such fires as a final line of defense for personnel, equipment and cargo. The system should be usable for both ground (e.g., cargo loading/unloading, and ramp movement) and flight operations.

Status: SE-126 is waiting for final CAST approval before planned activities begin.