CAST Cargo Fire Protection

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

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Date: May 22-23, 2013
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.