SAE Standards on Fire Containment Covers and Fire Resistant Containers

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Fire Containment Covers

• SAE AGE 2 Air Cargo drafted the standard
  – Derived from ISO 14186
  – Updated to make slight modifications to testing requirements
  – Designs for containment of a Class A fire
    • Class A = ordinary combustibles such as wood, cloth, paper, rubber and plastics

• TSO-C203a will incorporate this standard once released

• ARP (Aerospace Recommend Practice) 6905 Operation and Use Document should also be released this year
Fire Resistant Containers

- SAE AGE 2 Air Cargo drafted the standard
  - Derived from ISO 19281
  - Provides Unit Load Device (ULD) container performance and testing requirements for the containment of a Class A fire
    - Class A = ordinary combustibles such as wood, cloth, paper, rubber and plastics

- TSO-C90d (to be released end of this year) incorporates this standard
Current Work

• FAA is working on guidance on the hazard assessment and risk mitigation related to cargo carriage
  – FRCs and FCCs provide varying levels of control in fire suppression and containment
    • TSO requirements and designs will evolve
  – Updated research and information should inform carrier Safety Management Systems

• Consensus Standards Committees are beginning work on:
  – Installation of tracking technologies to containers
  – Development of additional fire loads in order to test containers
    • Current TSO test for FCCs and FRCs is only for a Class A fire
  – Improved Fire Containment and Suppression Containers
Questions?
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