



Cabin Interior & Cargo Compartment Fire Testing

Experience

Since 2000, CTA has been working together with some of the most important aircraft interior manufacturers, airlines and OEMs to develop and certify new materials and products.

CTA's Fire Testing & Research Unit participates actively in various international research groups to help improve fire safety and develop new fire testing methods and requirements.

Know-How

CTA's fire laboratory is recognised worldwide as one of the leading fire testing service suppliers. Our tests are performed in accordance with FAA/EASA airworthiness regulations and the main OEM requirements.

Certifications:

- Airbus Approval for fire testing according to AITM test methods.
- Authorisation of fire test laboratory activities by AESA Spain.
- ISO/IEC 17.025

Capacities

TEST METHOD	FAR/CS Section	App. F	AIRBUS (ABD0031)
Flammability: Bunsen burner (Vertical/Horizontal/45°/60°)	25.853 25.855 25.869	Part I	AITM 2-0002 AITM 2-0003 AITM 2-0004 AITM 2-0005
Flammability of Seat Cushions	25.853	Part II	AITM 2-0009
Heat Release Rate	25.853	Part IV	AITM 2-0006
Smoke Density	25.853	Part V	AITM 2-0007
Toxicity Analysis	N/A	N/A	AITM 3-0005
Flame Propagation for Thermal/Acoustic insulation	25.856	Part VI	AITM 2-0053