



## ASSURING SUPERIOR SAFETY IN THE SKIES

AIM Aerospace operates a full-service test laboratory. We can assist in program certification, structural substantiation, material properties, and comprehensive flammability testing as related to composite cabin interiors design and manufacturing. We are fully approved by Boeing, Airbus, and the FAA.

### **AIM Aerospace. The Leader in Airline Component Production.**

At AIM Aerospace, we have been building superior airline components for over 30 years. Using only the highest quality materials, we produce ECS ducting, structural composites, and cabin interiors for the largest airlines and OEM's in the world. From concept to certification, AIM Aerospace is leading the way in aerospace manufacturing excellence.

### SERVICES AVAILABLE FOR CONTRACT ARE:

- ▶ Bunsen Burner Testing
- ▶ OSU Heat Release
- ▶ NBS Smoke Density
- ▶ Flaming & Non-flaming Toxicity
- ▶ Mechanical Testing (shear, tensile and peel)



## APPROVED FLAMMABILITY TEST METHODS

### FAA

Test Standard - FAR Part 25 Reference	Test Description
Part I (b) (4)	Vertical (60 Second)
Part I (b) (4)	Vertical (12 Second)
Part I (b) (5)	Horizontal
Part I (b) (6)	45 Degree
Part IV	Heat Release (OSU)
Part V	Smoke Density (Flaming Mode)

### BOEING

Test Standard - BSS Reference	Test Description
BSS 7230 F1	Vertical (60 Second)
BSS 7230 F2	Vertical (12 Second)
BSS 7230 F3	Horizontal (Maximum Burn Rate 2.5")
BSS 7230 F4	Horizontal (Maximum Burn Rate 4.0")
BSS 7230 F5	45 Degree
BSS 7238	Smoke Density (Flaming and Non Flaming Modes)
BSS 7238	Smoke Density ( Wire and Cable Products Flaming and Non Flaming Modes)
BSS 7239	Toxicity (Flaming and Non Flaming Modes 6 Gases)
BSS 7322	Toxicity ( Wire and Cable Products Flaming and Non Flaming Modes) Heat Release (OSU)

### AIRBUS

Test Standard - AITM Reference	Test Description
AITM 2.0002A	Vertical (60 Second)
AITM 2.0002B	Vertical (12 Second)
AITM 2.0003	Horizontal
AITM 2.0004	45 Degree
AITM 2.0006	Heat Release (OSU)
AITM 2.0007A	Smoke Density (Flaming)
AITM 2.0007B	Smoke Density (Flaming and Non Flaming)