

# ZODIAC AEROSPACE



## Approved Materials Task group

IAMFTWG Huntington Beach, CA

February 24, 2015

# Task Group Background

- The ICCAIA (International Coordinating Council of Aerospace Industries Associations) made a request that FAA create an industry task group to formulate a process to develop an approved materials list.

## Industry Interest

- 38 meeting attendees at 2013 Triennial
- 22 companies/organizations represented

# What is an Approved Materials List?

- A database of qualified raw materials/constructions that have been certified to FAA flammability requirements

- Bunsen Burner
- Heat Release
- Smoke
- Radiant Panel

Material selection from this database would require no further flammability testing

# Discussions Over the Last 4 Meetings

**Brainstorming session was held resulting in the following topics:**

- How do we qualify materials?
- Is there a way to frame materials into generic groups of materials?
- Which test labs can qualify?
- Does the qualification process require a plan, project number, official conformity and regulatory witnessing?

# Discussions Over the Last 4 Meetings

**Brainstorming session was held resulting in the following topics:**

- Database

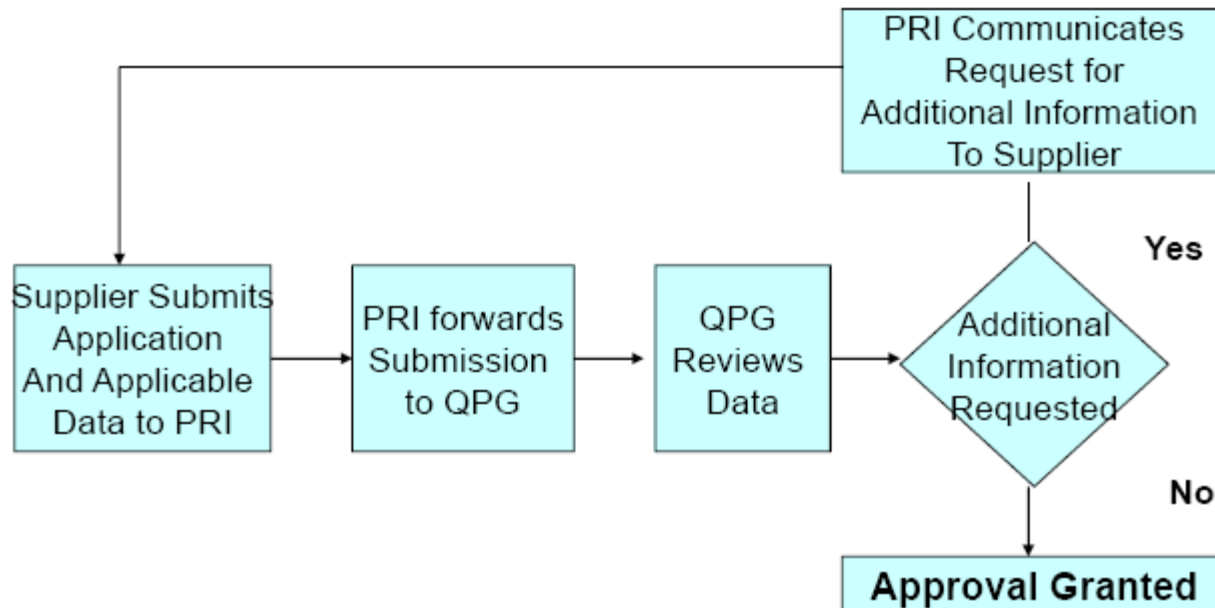
- Consider model similar to UL, ASTM or the fire extinguisher Halon replacement process.
- Database to show compliance level of material (F1, F2, etc.)
- Ongoing database administration, maintenance and costs covered by who?

# Discussions Over the Last 4 Meetings

## Brainstorming session was held resulting in the following topics:

- Could companies with data be able to list data for a user fee? (decorated panels, etc...)
- Need to define the key characteristics to set a foundation.
- Start in phases looking first at monolithic materials and work toward more complicated panel buildups.
- Propose the final product via AC.
- Other incentives for companies with large databases to participate?

# SAE / PERFORMANCE REVIEW INSTITUTE (PRI) MODEL FOR QUALIFIED PRODUCTS LISTING



# Today's Task Group Meeting Focus

- Working Model and Feasibility for Monolithic Materials
- Task Group Assignments
- Discuss Need for Online Collaboration Site



# The Road Looking Ahead

