Unconference 1 Enhancing the Fuel Qualification Process

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Cert-Qual Sessions Overview

Plenary

SAJF Certification and Qualification

- Certification Overview
- SAJF Approval Status
- The Path Forward

You Are Here

Unconference 1

Enhancing Fuel
Qualification Process

- OEM Review Process
- Stakeholder Engagement
- Approval Process Improvements

Unconference 2

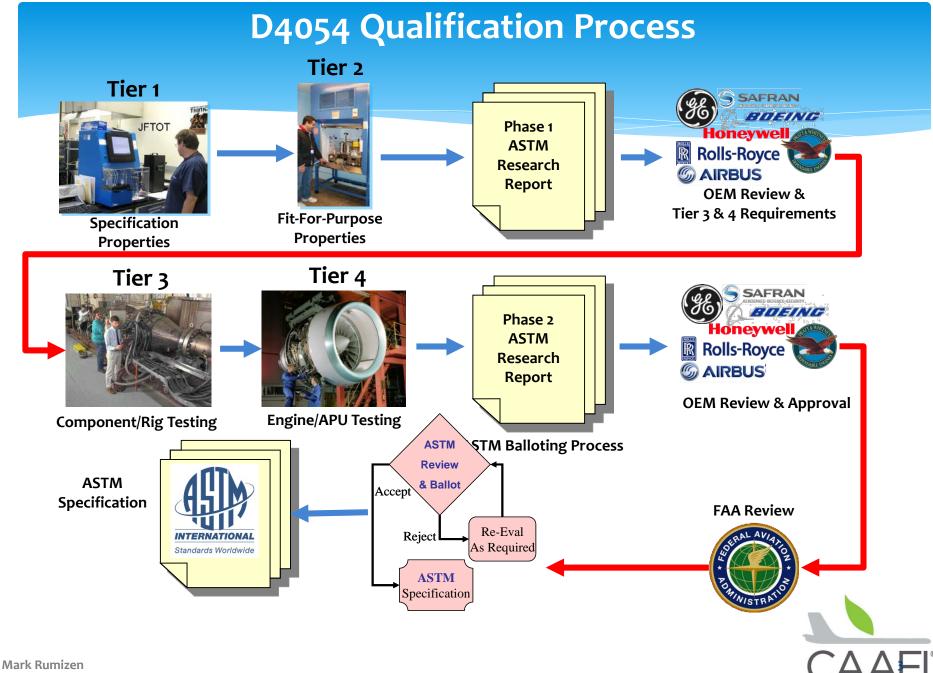
Key Fuel Qualification Challenges

- Key Technical Issues
- SAJF
 Compositional
 Considerations

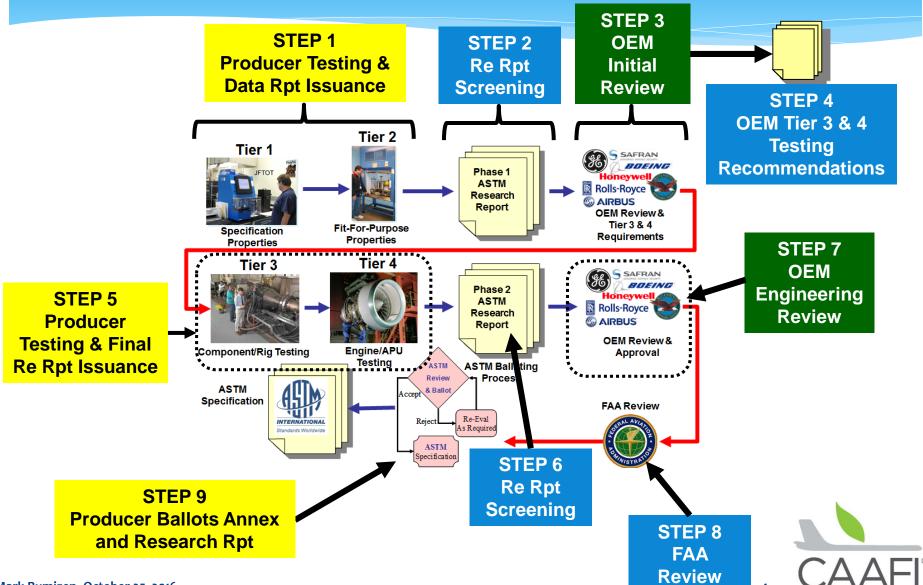
Cert-Qual Breakout

- Centralized Mgt of Test & Review Process
- Generic Spec





OEM Approval Process



OEM Approval Process

ASTM Research Report Throughput Constrained by Competing Resource Demands STEP 4 OEM Tier 3 & 4 STEP 9 **Testing** Recommendations **Producer Ballots** Annex & Re Rpt STEP 5 STEP 3 STEP 7 STEP 6 STEP 8 STEP 1 Producer **OEM OEM** STEP 2 Testing & Final Re Rpt **Producer Testing &** FAA Initial **Engineering** Re Rpt Data Rpt Issuance Re Rpt Issuance **Screening** Review Review Review Screening Tier 2 Tier 4 Tier 3 Tier 1 FAA Review BOEING BOEING Phase 2 Phase 1 ASTM ASTM Rolls-Royce Rolls-Royce Research AIRBUS AIRBUS OEM Review & OEM Review & Approval Fit-For-Purpose

Engine/APU Testing

Tier 3 & 4 Requirements

Component/Rig Testing



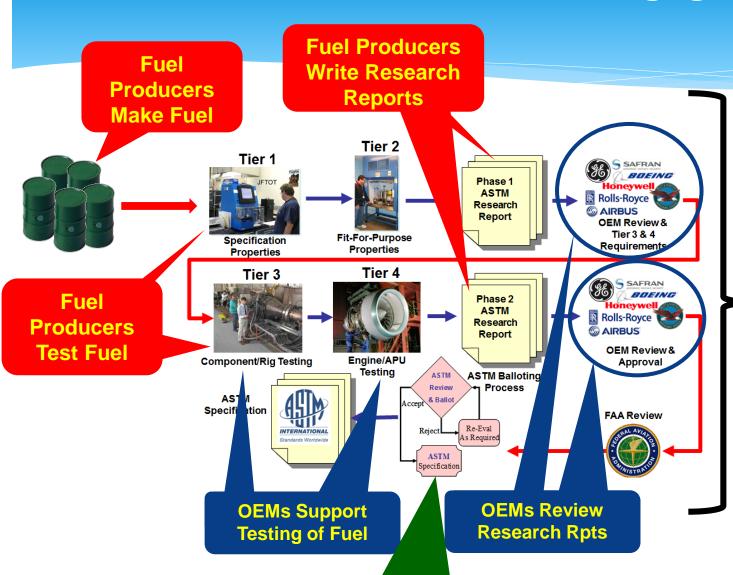
Specification

ASTM Balloting Process

Properties

Properties

D4054 Process Stakeholder Engagement



Airlines

NGOs

Government
Provides
Funding to
Support
Pathway
Development,
Fuel Testing &
Rpt Review



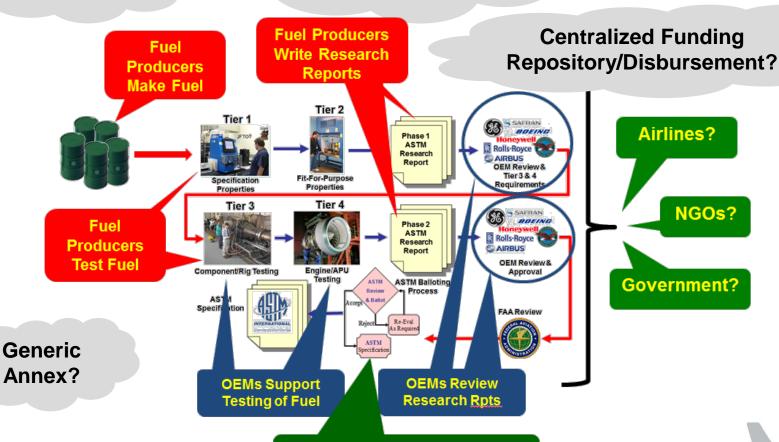
ASTM Members Support ASTM Deliberations

D4054 Process Improvements

Stakeholder Prioritization?

Centralized D4054
Qualification Clearing
House?

Funding?



CAAFI

Thank You



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