



Introduction to FAA Research

JAMS Third Annual Technical Meeting
July 10, 2006



Topics



- FAA Research
- JAMS Center of Excellence
- Logistics
- Final Thought

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**Aviation
Research
Community**

AVS Support

Program Areas



- Advanced Materials/Structural Safety
- Aging Aircraft Research
- Aircraft Catastrophic Failure Prevention
- Airport Research & Development
- Atmospheric Hazards
- Propulsion/Fuel Systems
- Fire Research & Safety
- Risk Analysis
- Flight Safety
- General Aviation /Vertical Flight (F&E)
- Unmanned Aerial Systems

Facilities



- Aircraft Components Fire Test Facility
- Air Flow Induction Test Facility
- Category I Reconfigurable Approach Lighting System Test Bed
- Chemistry and Material Sciences Laboratory
- Dynamic Vertical Drop Test Facility
- FAA Engine Nacelle Fire Simulator
- National Fire Extinguishing Agent
- Full-Scale Fire Test Facility
- Full-Scale Curved Panel Test System
- Materials Fire Test Facility

Research & Training Supporting FAA Needs

1) Research Project

2) Detailed Documentation

3) Rules, Policy and Guidance

4) Training

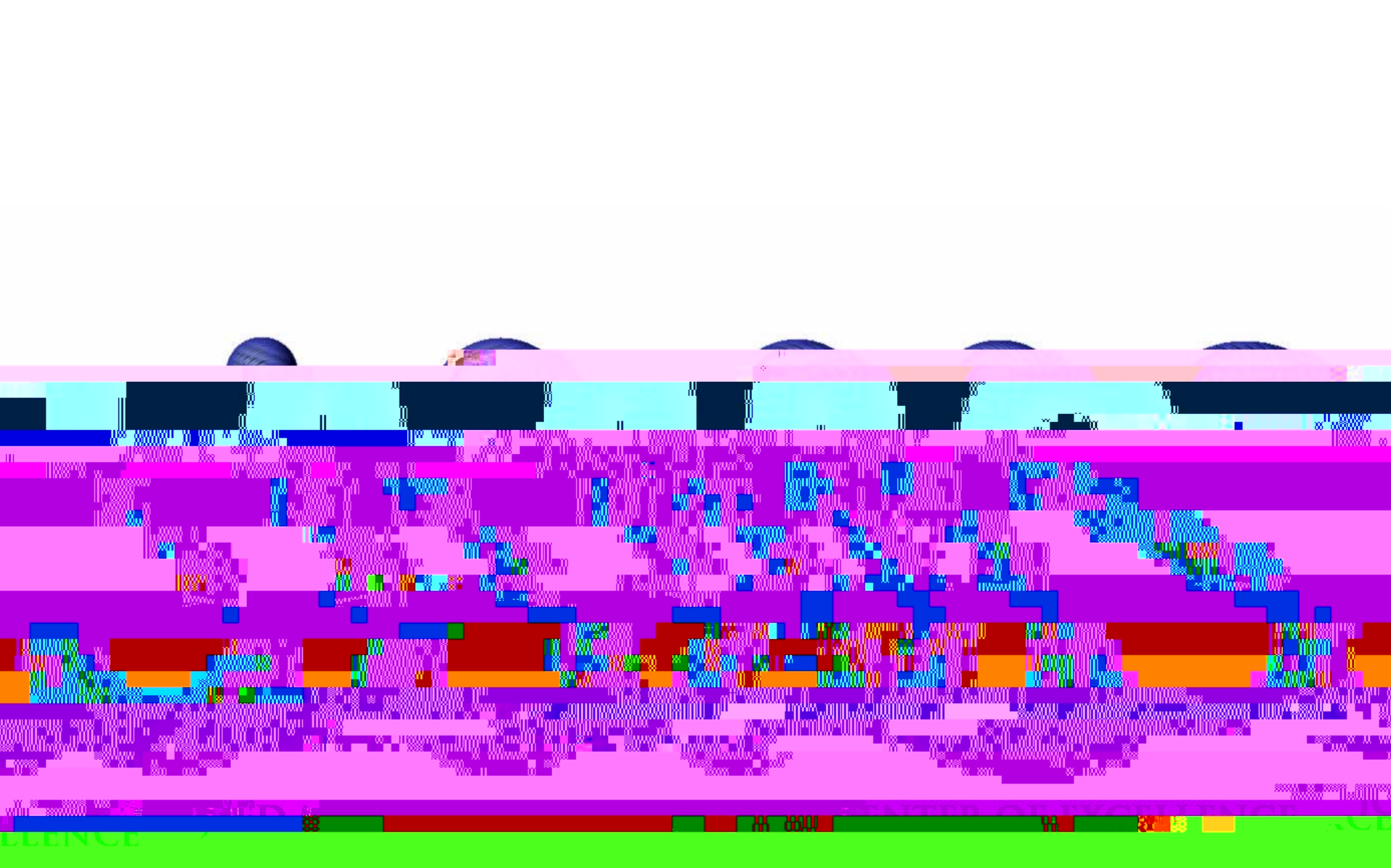
» In order for the research to have the greatest benefit, it should be adequately linked to:

- 1) FAA needs,
- 2) FAA groups establishing rules, policy or guidance
- 3) Certification projects,
- 4) Industry interface and, if appropriate,
- 5) New technology considerations

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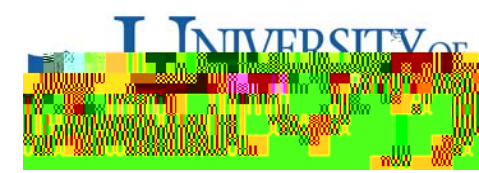
Member Schools



- The joint center consists of two groups and includes ten institutions
- AMTAS (Advanced Materials for Transport Aircraft Structures)



- CECAM (Center for Composite and Advanced Materials)



Transition to Phase II

- First Phase is due to finish in July
- Evaluation will be done on effectiveness of the CoE
- Changes can be proposed for the structure and membership
- Due to multiple centers coming due at the same time, JAMS Phase I will be extended one year to allow proper evaluation and comment period

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- Restrooms are just outside of the doors towards the front of the building
 - Additional restroom towards the cafeteria but require escort
- Please restrict yourself to the Atrium area just outside the auditorium unless you have an FAA escort

Refreshments and Lunch



- Refreshments and lunch will be provided for all attendees.
- The event will be held on Tuesday, October 10, 2017, from 12:00 PM to 1:30 PM.
- The event will be held in the Conference Room of the CECAM building.
- The event is sponsored by the CECAM and the Center for Composites and Advanced Materials.



Poolside Reception



- Tuesday, July 10
- Seaview Marriott
- 6:00PM to 8:00 PM
- Appetizers
- Cash Bar
- Casual Dress



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