

2005 Workshop to Review Developments in Composite Maintenance Training

The FAA, Edmonds Community College, and Wichita State University invite you to participate in the 2005 FAA Composite Maintenance Training Workshop. This workshop will be held in Chicago, IL, on September 13-15, 2005. As a recognized industry expert you are being personally invited to participate in this technical review.

Workshop participants will include industry, regulatory agencies and other government organizations along with selected experts familiar with composite maintenance practices.

This meeting will review curriculum development in Composite Maintenance Training. The curriculum currently being developed will provide an introduction to the maintenance and repair of composite materials used in aircraft products. With widespread involvement by industry experts in the course development, the goal is to establish standard course content for organizations and educators introducing students to this topic. The workshop is an important event for reviewing progress in course development.

The SAE Commercial Aircraft Composite Repair Committee (CACRC) has made progress in standards for composite maintenance training since the 1990s. With expanding applications of composite materials to a variety of aircraft products, the FAA wants to help the CACRC accelerate their efforts. The FAA Joint Advanced Materials & Structures (JAMS) Center of Excellence has initiated developments to this end. In order to provide the necessary basis for standards, experts from the field of composite aircraft maintenance are periodically reviewing progress. The 2005 workshop will review the initial course, which will provide a practical introductory basis on composite maintenance for engineers, inspectors and technicians.

Agenda Items: The topics currently scheduled for review at the workshop are listed below. Each session will consist of review of four focal areas: Base Knowledge, Teamwork & Disposition, Damage Detection & Characterization and Repair Process. Many of these relate to Edmonds Community College's development of an introductory short course on composite maintenance.

- Terminal course objectives, progress overview and safety messages
- Synopsis of the methods for delivering course lectures and laboratories
- Impressions on detailed course content provided by experts
- FAA R&D and plans for future training developments
- Open discussions to recommend future developments

If you cannot attend this technical review, please forward this invitation to an associate active in composite maintenance applications to participate. The FAA and JAMS are excited to gain your perspective on these subjects. Space is limited so please reply promptly.

The meeting has been planned to minimize the time away from your other activities. We will begin in the afternoon on Tuesday, September 13, 2005 to allow you to travel to the technical review that morning. The technical review will conclude on Thursday, September 15, 2005 at noon so you can return home that afternoon. An overview of the schedule is included with this announcement.

The technical review is being held at the Sheraton Gateway Suites Hotel Chicago O’Hare – ORD – Illinois IL. Further details on location and individual presentations will be provided after you register.

For travel information and to register online, visit <http://www.niar.wichita.edu/chicagoworkshop/>

We look forward to seeing you!

Workshop for Developments in Composite Maintenance Training
Preliminary Agenda

	Tuesday, September 13	Wednesday, September 14	Thursday, September 15
1 st Hour		Session 3 Expert Review of Course Content and Panel Session	Session 5 Review Inputs from Interaction Sessions
2 nd Hour			
Break (15 min.)			
3 rd Hour		Session 3 (continued) Expert Review of Course Content and Panel Session	Session 6 FAA R&D and Future Training Developments Recap/Actions/Closure <i>Adjourn by 11:30 AM</i>
4 th Hour			
Lunch (1 Hour)		Sponsored Lunch	
5 th Hour	Session 1 FAA Workshop Intro/Process Overview of FAA Composite Initiatives Progress Overview (Terminal Course Objectives and Detailed Course Outline)	Session 4 Four Technical Interaction Sessions <i>Groups in 4 separate rooms (~1 to 5 PM)</i> =====	
6 th Hour			
Break (20 min.)			
7 th Hour	Session 2 Progress in Composite Maintenance Training Development		Participants will review all subjects in smaller groups led by facilitators
8 th Hour		<i>Adjourn at ~ 5PM</i>	
9 th Hour			