

Detailed Agenda for FAA Damage Tolerance and Maintenance Workshop

Presentation Topics, Speakers and Technical Leaders for Breakout Sessions					
Wednesday, May 9th, 2007		Thursday, May 10th, 2007		Friday, May 11th, 2007	
Opening Session (CACRC and Workshop Organizers)		Session 1: Applications & Service Experiences (cont.)		Session 5: Field Inspection and Repair QC	
8:00-8:15	"Welcome/Introduction" - Mike Borgman (CACRC Chairman) and Curtis Davies (FAA)	8:00-8:30	"Airline Operational Composites" - Ian Fidler (British Airways)	8:00-8:30	"CACRC Inspection Task Group: Progress and Future Plans" - Dennis Roach (Sandia Labs)
8:15-8:45	"Commercial Aircraft Composite Repair Committee (CACRC) Overview" - Carlos Blohm (Lufthansa Technik)	8:30-9:00	"Damage and Repair Techniques for Metalbond and Composite Nacelle Structure" - Nilesh Patel (Goodrich Aerostructures Alabama Service Center MRO)	8:30-9:00	"Future NDI Advances" - Dennis Roach (Sandia Labs)
8:45-9:30	"Boeing Perspectives on Safe Composite Maintenance Practices" - Gary Oakes (Boeing)	9:00-9:30	"GE90 Fan Blade Service Experience and Repair" - Phil Griggs (General Electric)	9:00-9:30	"Cessna Perspectives on Material & Process Controls for Bonded Repairs" - Jim Krone (Cessna)
9:30-9:45	Break	9:30-10:00	"Composite Propeller Service Experiences" - Patrice Brion (Ratier-Figeac)	9:30-10:00	"Glare and Bonded Repairs" - Camille Theunissen (Stork Fokker)
9:45-10:30	"Airbus Perspectives on Safe Composite Maintenance Practices" - Roland Thevenin (Airbus)	10:00-10:15	Break	10:00-10:15	Break
10:30-11:00	"CACRC Design Task Group: Progress and Future Plans" - Eric Chesmar (United Airlines, CACRC Design Task Group Chairperson)	Session 2: Damage Tolerance		Session 6: Technical Breakout Sessions	
11:00-11:30	"CACRC Materials Task Group: Progress and Future Plans" - Ana Rodriguez-Bellido (Airbus, CACRC Materials Task Group Chairperson)	10:15-11:00	"Damage Tolerance and the Composite Airframe" - Al Fawcett (Boeing)	10:15-12:15	Damage Tolerance - John Tomblin (WSU), John Halpin (JCH Consultants), and Hyonny Kim (UCSD)
11:30-Noon	"CACRC Analysis Task Group: Progress and Future Plans" - Tim Harris (Boeing, CACRC Analytical Techniques Task Group Chairperson)	11:00-11:30	"Research on Structural Test & Analysis Protocol: Progress and Plans" - John Tomblin (WSU) and Wanua Seneviratne (WSU)	Damage in Sandwich Construction - Hal Loken (Consultant), Jochen Mueller (Airbus) and Allison Crockett (WSU)	
Noon-12:30	"CACRC Repair Processes/Techniques Task Group: Progress and Future Plans" - Francois Museux (Airbus, CACRC Repair Processes Task Group Chairperson)	11:30-12:15	"Managing Impact Risk for Composite Structures: Unifying Durability and Damage Tolerance Perspective" - John Halpin (JCH Consultants) and Hyonny Kim (UCSD)	Repair Design and Processes - Peter Smith (Consultant), Mike Borgman (Spirit AeroSystems), and Joe Hafenrichter (Boeing)	
12:30-1:30	Lunch (MTS Sponsored Lunch)	12:15-1:15	Lunch (Future Workshop Topics)	Field Inspection and Repair QC - Curtis Davies (FAA), Dennis Roach (Sandia Labs), and Kristin Strole (WSU)	
1:30-2:00	"CACRC Training Task Group: Progress and Future Plans" - Dave Casteller (Abaris) and Mike Hoke (Abaris)	Session 3: Damage in Sandwich Construction		12:15-1:15	Lunch
2:00-2:45	"Composite Damage Tolerance and Maintenance Safety Issues" - Larry Ilcewicz (FAA)	1:15-1:45	"Fluid Ingression into Composite Sandwich Structure; History and Future Research" - Hal Loken (Consultant) and Allison Crockett (WSU)	Session 7: Technical Breakout Summaries and Workshop Recap	
2:45-3:15	"FAA Composite Damage Tolerance and Maintenance Research & Training Initiatives" - Curt Davies (FAA) & Charlie Seaton (Edmonds CC)	1:45-2:45	"Analysis and Test Supporting Field Inspection for Composite Sandwich Rudder Structures" - Albert Urdiroz (Airbus) and Jochen Mueller (Airbus)	1:15-1:30	Brainstorm Subjects Desired at Future Workshops- Larry Ilcewicz (FAA) and Kristin Strole (WSU)
3:15-3:30	Break	2:45-3:15	"Repair Design, Test and Process Considerations for Lightning Strikes" - John Welch (Spirit AeroSystems) and Mike Borgman (Spirit AeroSystems)	1:30-2:30	Damage Tolerance - John Tomblin (WSU), John Halpin (JCH Consultants), and Hyonny Kim (UCSD)
3:30-4:00	"EASA Perspectives on Safe Composite Maintenance Practices" - Simon Waite (EASA)	3:15-3:30	Break	Damage in Sandwich Construction - Hal Loken (Consultant), Jochen Mueller (Airbus), and Allison Crockett (WSU)	
Session 1: Applications & Service Experiences		Session 4: Repair Design and Processes		Repair Design and Processes - Peter Smith (Consultant), Mike Borgman (Spirit AeroSystems), and Joe Hafenrichter (Boeing)	
4:00-4:30	"United Perspectives on Safe Composite Maintenance Practices" - Eric Chesmar (United Airlines)	3:30-4:00	"Composites Repair Analysis" - Stephanie Mahdi (Airbus)	Field Inspection and Repair QC - Curtis Davies (FAA), Dennis Roach (Sandia Labs), and Kristin Strole (WSU)	
4:30-5:00	"Lufthansa Perspectives on Safe Composite Maintenance Practices" - Carlos Blohm (Lufthansa Technik)	4:00-4:30	"Alenia Experiences on Composite Structures Repairs" - Benedetto Gambino (Alenia) and Alessandro Lo Casale (Alenia)	2:30-2:45	Recap/Actions/Closure - Larry Ilcewicz (FAA) and Curtis Davies (FAA)
5:00-5:30	"Service Experience With Early BCA Composite Applications" - Daniel Hoffman (Consultant)	4:30-5:00	"Bonded Repair Design and Process Considerations" - Mike Borgman (Spirit AeroSystems)		
		5:00-5:30	"Bolted Repair Design and Process Considerations" - Jeff Berner (Boeing)		