

## FAA Workshop on

### Adhesive Bonding

The Civil Aviation Authority,  
Aviation House, Gatwick Airport,  
Sussex, UK  
October 26-27th, 2004

#### Agenda 26<sup>th</sup>. October 2004

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	<u>Tuesday 26<sup>th</sup> October</u>	<u>Title</u>	<u>Presenter</u>
<b>8:00</b>	CAA - Welcome/Introduction		Simon Waite (CAA UK)
<b>8:10</b>	FAA Welcome/Overview		Larry Ilcewicz & Curt Davies (FAA)
<b>9:00</b>	FAA Survey/Data Collection		Curt Davies (FAA)
<b>10:00</b>	BREAK		
<b>10:20</b>	Summary of U.S. Workshop		Larry Ilcewicz (FAA)
<b>11:00</b>	FAA Research		Peter Shyprykevich (FAA)
<b>12:00</b>	LUNCH		
<b>13:00</b>	Presentations – <u>Applications &amp; Serv. Exp.</u> <i>Perspectives on critical safety issues, lessons learned and best engineering practice</i>	1/ Overview of Bonding Processes at Airbus 2/ Agusta Experience with Bonded Structures 3/ Experience in Manufacturing Nomex Composite Sandwich Structures	1/ Bernd Raeckers (Airbus) 2/ Scapinello/Maria ni/Morra (Agusta) 3/ Giovanni Marengo (GKN Aerospace)
<b>14:30</b>	BREAK		
<b>14:50</b>	Presentations – 1/ <u>M&amp;P, Qualification &amp; Control.</u>	1/ Pre-Treatment for Bonding  2/ Effect of Moisture on Performance & Cert. of Bonded Joints and Repairs 3/ Bonded Structure at Hurel Hispano	1/ Bruno Pelouze (Airbus) 2/ David Bond (UMIST)  3/ Christophe Kauffmann (Hurel Hispano)
<b>16:20</b>	BREAK (20mins only!)		
<b>16:40</b>	Presentations – 2/ <u>Design dev &amp; substantiation.</u>	1/ Durability of Adhesively Bonded Structures 2/ Design, Development, and Substantiation of Bonded Structure	1/ Rod Martin (MERL) 2/ Rob Havey (Westlands)
<b>17:40</b>	DAY SUMMARY & CLOSE		

Please note that sections of the Workshop will be recorded on video

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	<u>Wednesday 27<sup>th</sup> October</u>	<u>Title</u>	<u>Presenter</u>
<b>8:00</b>	Group Discussion – 1/ M&P Quality & Control 2/ Design Dev. & Substantiation 3/ Manufacturing 4/ Repair Implementation		
<b>10:00</b>	Break		
<b>10:20</b>	Group Discussion Continued		
<b>12:00</b>	LUNCH		
<b>13:00</b>	FAA/ASTM workshop on 'Computational Fracture Mechanics for Composites'	Computational Fracture Mechanics for Composites' - workshop summary	Ronald Krueger (NASA)
<b>13:30</b>	Presentations – 3/ <u>Manufacture/Implementation</u>	1/ Joining of Thermoplastic Materials 2/ Alenia Experience in Metal Bonding	1/ Roger Digby (Airbus) 2/ Claudio Voto (Alenia)
<b>14:30</b>	BREAK		
<b>14:50</b>	Presentations – 4/ <u>Repair Implementation</u>	1/ Improving Operational Repairability Through SRM Development – The Operators Quest. 2/ In-Field Bonding Metal Repairs – Effects of Surface Preparation	1/ Ian Fidler (BA) 2/ Eneko Zumalde (Gamesa Aeronautica)
<b>16:20</b>	DAY SUMMARY & CLOSE		

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