

**AFRL-FAA Technical Interchange Meeting (TIM) on
Environmentally Assisted Cracking (EAC) / Stress
Corrosion Cracking (SCC) of High-Strength 7000 Series
Aluminum Alloys**

5-6 November 2024

**Hope Hotel and Richard C. Holbrooke Conference Center at Wright-
Patterson Air Force Base, Ohio**

Tuesday 5 November 2024 (US Election Day)

Time	Title	Presenter
0800	Welcome, expectations for the Technical Interchange Meeting	Chad Hunter/Michael Gorelik
0810	Around the room – introductions (for each represented organization, what is your expectation for this meeting/what are you hoping to get out of it?)	All
0900	AFRL opening remarks	Kate Wertz
0915	FAA opening remarks	Michael Gorelik
0930	European Aviation Safety Agency (EASA) perspective	Simon Waite/Laurent Pinsard
0945	US Army Research Lab perspective	Brian Placzankis
1000	Break	
1015	Historical Overview of Environment-Induced Cracking of Al-Zn-Mg-Cu 7xxx series aluminum alloys	Henry Holroyd
1045	History of the development of accelerated testing for SCC/EAC	Ed Colvin, MELD Manufacturing
1115	Australia DSTG perspective	Grant McAdam
1130	UK DSTL perspective	Dave Hallam (remote)
1135	Netherlands NLR perspective	Borit Zwerink
	OEM Perspectives	

1150	Airbus	Zak Barrett
1210	Boeing	Dana Rosenblatt
1225	Embraer	Mauricio Carvalho da Cunha
1235	Lunch	
1320	Gulfstream	Jonathan Beckman
1330	Lockheed Martin	Craig Bridges/Joe Yates
1345	Northrop Grumman	Elaine Seiler
	Aluminum Supplier Perspectives	
1400	Arconic	Ryan Davis
1420	Constellium	Ricky Whelchel
1440	Kaiser Aluminum	Jason Scheuring
1455	Universal Alloy Corporation	Justin Lamb
1510	Break	
	Academia and Industry Perspectives	
1520	University of Virginia/University of Pittsburgh	Jimmy Burns/Rob Kelly/Zach Harris
1555	University of Manchester	Joe Robson
1615	Henry Holroyd	Henry Holroyd
1630	Luna Labs	Fritz Friedersdorf
1645	Southwest Research Institute	Jim Dante
1700	SAFE/Ohio State	Sarah Galyon Dorman/Jen Locke
1715	Beasy	Robbie Ashby
1720	Adjourn	
1800	No Host Social – Packy’s	
2000	End no-host social	

Wednesday 6 November 2024

Time	Title	Presenter
0800	Expectations for Day 2	Hunter/Gorelik/Rosenberger/Wertz
0815	Breakout session 1, Metallurgy – (F-86 Sabre)	
0815	Breakout session 2, Testing – (B-52 Stratofortress)	
0815	Breakout session 3, Mechanisms – (F-4 Phantom)	
1015	Break	
1030	Concurrent breakout sessions continued	
1200	Lunch	
1300	Report out: Metallurgy group	Session moderators
1320	Report out: Testing group	Session moderators
1340	Report out: Mechanisms group	Session moderators
1400	Discussion/Path Forward (current understanding of problem statement; summary of lessons learned; gap analysis; initial action plan for path forward)	Dan Evans
1500	Break	
1515	Discussion/Path Forward continued	Dan Evans
1630	Closing remarks	Hunter/Gorelik/Rosenberger/Wertz
1645	Adjourn	