

Agenda & Schedule

Meeting EASA – FAA Event
Date 5-7th November 2019
Location EASA, Cologne

Organised by EASA and FAA

Starting Time	5 th November 2019 at 12:00	
Ending Time	7 th November 2019 at 16:00	
Tuesday, 05.11.2019		
12:00 – 12:45	Lunch	
Time	Topics for Discussion	Presenter(s)
12:45 – 12:55	Welcome – EASA Certification Director TBC	Rachel DAESCHLER, EASA
12:55 – 13:00	Welcome – EASA Chief Expert – Airframe TBC	Richard MINTER, EASA
13:00 – 13:20	EASA Introduction, meeting plan, EASA Update (CM etc)	Simon WAITE, EASA
13:20 – 14:00	Summary of the 2018 Joint FAA – EASA AM Workshop FAA Certification Framework and Applicability to Additive Manufacturing	Michael GORELIK, FAA Rob Bouza, FAA
14:00 – 14:30	Structures qualification and certification approach supporting AM introduction for system parts	John VAN DOESELAAR, Airbus
14:30 – 15:00	Additive Manufacturing application opportunities by Airbus Helicopters	Sophie FERRENDIER, Airbus Helicopters
15:00 – 15:30	Complexity also drives simplicity	Neil MANTLE, Rolls-Royce
15:30 – 16:00	Coffee break	
16:00 – 16:30	A first experience of interchangeability between brand; not so easy in metal additive manufacturing	Anne THANAISE, Safran
16:30 – 17:00	GE qualification and certification approach for AM parts”	Mark SHAW, GE Jeff CONNER, GE
17:00 – 17:30	Design for AM – Regulatory Considerations	Anna Tomzynska, Boeing
17:30 – 17:55	Explain Working Group Session Plan	FAA/EASA/Airbus/GE/ Rolls Royce
17:55 – 18:00	CLOSE DAY 1	

Time	Topics for Discussion	Presenter(s)
08:00 – 10:00	Working Group Sessions Group 1: Machine and Machine Qualification Group 2: Design for AM Group 3: F&DT for AM (including NDI considerations)	ALL
10:00 – 10:30	Coffee break	
10:30 – 12:00	Working Group Sessions continued	
12:00 – 13:00	Lunch	
13:00 – 13:30	Electron Beam Melting LPT TiAl blades industrialization	Andrea PALUMBO, Avio
13:30 – 14:00	Quality assurance concept of additive manufacturing in engine construction	Jürgen KRAUS, MTU Andreas Ficherworrung-Bunk, MTU
14:00 – 14:30	Additive Manufacturing Taking Off	Ricardo MARECA, ITP Javier DIAZ, ITP
14:30 – 15:00	DA background in AM and related certification process.	M. Pachoutinsky, Dassault V. Bureau, Dassault
15:00 – 15:30	AM lessons learnt and their effect on GKNs approach to certification of higher classification structures	Jon Baxendale, GKN
15:30 – 16:00	Coffee break	
16:00 – 16:30	Process Monitoring as online tool for Quality assurance Robustness of Additive manufacturing	Alexander ALTMANN, Liebherr Frederic Letrange, Liebherr
16:30 – 17:00	Remaining Challenges & Progress in Additive Manufacturing	Paul GUERRIER, Moog
17:00 – 17:30	Collective Consolidation within industry & supply chain AM Technological advancements at Thales – AM for advanced design in Aeronautic.	S.Catt , Thales P. Eloi, Thales
17:30 – 18:00	New digital twin capabilities to accelerate the certification process for aerospace components	Didier GRANVILLE, Siemens Zach DYER, Siemens
18:00 – 18:05	CLOSE DAY 2	



Thursday, 07.11.2019

Time	Topics for Discussion	Presenter(s)
08:00 – 08:30	Metal AM from MRO perspective	Simon STEVEN, LHT
08:30 – 09:00	Certification of Metal Additive Parts	Venkat VEDULA, United Technologies
09:00 – 09:30	A Pathfinding Experience to an Additively Manufactured Ti Airframe Part	Paul TOIVONEN, Spirit AeroSystems
09:30 – 10:15	Accelerating Aerospace AM adoption – update from UK's National Centre at MTC on its holistic approach and new digitally enabled test bed	Katy MILNE, MTC
10:15 – 10:45	Coffee break	
10:45 – 11:15	Understanding the NCAMP Process for Additively Manufactured Materials	Paul JONAS, NCAMP/NIAR
11:15 – 11:45	Additive Manufacturing Standards – Update and Progress of SAE International AMS-AM.	David ALEXANDER, SAE
11:45 – 12:15	International Personnel Qualification for Additive Manufacturing	E. Assuncao, EWF/PRI
12:15 – 12:45	Additive Manufacturing Standardization Status Update: Recent Initiatives by ASTM International	Mohsen SEIFI, ASTM
12:45 – 13:15	Additive Manufacturing activities in CleanSky – Update	Vittorio SELMIN, CLEANSKY Ron VAN MANEN, CLEANSKY
13:15 – 14:15	Lunch	
14:15 – 14:45	Working Group Debrief to all attendees	Core WG Teams
14:45 – 15:05	Introduction/Awareness of AIA AM Interests and EAAMIRG Aerospace Industries Association European Aviation AM Industry Regulator WG	AIA/EAAMIRG
15:05 – 15:45	Regulator Panel Session (including steering group discussion - AIA, European Industry AM group)	EASA/FAA
15:45 – 16:00	CLOSE EVENT	

(presentations 30 mins including Q&As)

