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# SAE AEROSPACE STANDARDS – ADDITIVE MANUFACTURING ECOSYSTEM



J. Hector Sandoval Lockheed Martin Fellow SAE AMS AM Committee Chair 13 July 2021

#### AMSC Workshop on AM Feedstock



## **AMS-AM Committee Current Status**

#### SAE AMS-AM - COMMITTEE ON ADDITIVE MANUFACTURING















Qualification Quality Assurance

Post-Processing

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To join the committee visit: https://www.sae.org/works/committeeHome.do?comtID=TEAAMSAM



#### Well balanced industry representation

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## **AMS-AM Committee Organization**



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### **AMS-AM Feedstock Specifications**



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# **Hierarchy Applied to AMS AM Specifications**



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# **AMS-AM & Aerospace Data Pedigree**



Near term:

- Industry managed Process Control Document (PCD)
- Current focus on S-basis for spec mins, lot acceptance, quality assurance
- Supplier IP protected



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# SAE AMS-AM and SAE ITC-AMDC Overview





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for material spec mins

# **QUESTIONS?**

### Interested in participating, please contact:

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