COMMERCIAL SPACE FOCUS AREAS AND FUTURE WORK

Logen Johnson
Commercial Space Industry Standardization Coordination Meeting
SETTING THE STANDARDS
THAT LEAD TO SUCCESS
SAE International enterprise is preeminent in serving its members and industry, by providing:

- A neutral forum that convenes to address society's mobility needs
- Consensus-based standards to advance quality, safety and innovation
- The most reliable and comprehensive collection of mobility engineering resources
- STEM education and professional development programs that inspire and build mobility's future workforce
- A global community whose collective wisdom makes mobility more safe, clean and accessible
CURRENT ACTIVITIES

Over 180 active Aerospace committees

- Commercial Space
- Space Environment Safety
- Artificial Intelligence in Aviation
- Electronic Transactions for Aerospace
- Cyber Physical Systems Security
- Position, Navigation, Timing
- AM Additive Manufacturing
- Integrated Vehicle Health Management
- Electrified Propulsion Committee
- Human Systems Integration
- Aerospace Landing Gear Systems
- Configuration Management
KEEPING PACE WITH INNOVATION

Leading Mobility Through Innovation

- Data Sharing
- Health Monitoring
- Data Marketplace
- Data Governance
- Health-Ready Components
- ATO/ATM
- MBSE
- Autonomy
- Cyber-physical
- Counterfeit Avoidance
- Aircraft Noise
- Electric Aircraft
- Advanced Propulsion
- Maintenance
SUPPORTING REGULATION

Amount of Unique Industry Standards Referenced in EASA CS, AMC, GM, and ETSOs. Total: 471

- SAE*, 169
- EUROCAE*, 87
- RTCA*, 95
- MIL*, 25
- NAS*, 5
- ASTM*, 42
- EN*, 14
- CMH-17*, 1
- IEC*, 9

Amount of Unique Industry Standards Referenced in FAA TSOs, ACs†, FAA-STDs and FARs Total: 1266

†Airport Design Excluded

- SAE*, 426
- RTCA*, 215
- MIL*, 343
- EUROCAE*, 79
- EN*, 3
- CMH-17*, 1
- ASTM*, 111
- IEC*, 41
- ISO*, 34
- NAS*, 13
Thank You