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|  | Standards and Advisory Coordination Committee  (SACCom)  Representative Report |  |

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| **Date:** | July 5, 2016 |
| **Representative:** | **David Brumbaugh** |
| **Position:** | **Chair** |
| **Technical Entity:** | SAE AE4 Aerospace - Electromagnetic Environmental Effects Committee |
| **Scope/Function:** | Aerospace Electromagnetic Environmental Effects test and design standards |
| **Current Activities:**  (major items only) | * Update to ARP958D - EMI Measurement Antennas, Standard Calibration Method * Update to AIR1209 – Construction and Calibration of Parallel Plate Transmission Line for EMI Susceptibility Test * Update to ARP1705C - Coaxial Test Procedure to Measure the RF Shielding Characteristics of EMI Gasket Materials * ARP6493 - Guide to Civil Aircraft Electromagnetic Compatibility (EMC) |
| **New Work Items**  **(proposed/approved):** | * None |
| **Standards/Revisions**  **(recently voted on):** | * AIR6236A - In-House Verification of EMI Test Equipment (minor revision to clarify rationale statement) |
| **Recently Published Standards**1**:** | * AIR6236 - In-House Verification of EMI Test Equipment * ARP6248 - Stripline Test Method to characterize the shielding effectiveness of conductive EMI gaskets up to 40 GHz |
| **Scheduled Future Projects:** |  |
| **Next meeting/venue of Entity** | AE4: next meeting virtual, date/time TBD  AE4 Civil Aircraft EMC WG: 19-20 Sep 2016, Quebec City; 23-24 Jan 2017, Santa Barbara (if necessary) |
| **Activities requiring technical support of EMC-S Standards Committees:** | None |
| **Activities requiring financial support of SACCom or EMC-S, if available:** | None |
| **Additional Comments:** |  |

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