

ANSI List of Unmanned Aircraft Systems (UAS) Standards, Other Deliverables, and Initiatives, working draft updated August 15, 2017			
Developer	Designation / Title of Standard, Specification, or Other Publication	Publication Date / Target Date	Publication Status
AIA	Administers International Secretariat ISO/TC 20/SC 16. Link is to Industry Issues UAS landing page.		
AIAA	Administers U.S. TAG for ISO/TC 20/SC 16		
AIM			
API			
ASABE	Announced a new technical committee for unmanned aerial systems August 13, 2015		
ASIS			
ASME	Use of drones for inspections of power plants		(New) In Development
ASTM E06.55, Performance of Buildings - Performance of Building Enclosures	ASTM WK58243, New Guide for Visual Inspection of Building Facade using Drone		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58677 Evaluating AerialResponse RobotSensing: Visual Image Acuity		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58925 Evaluating AerialResponse RobotSensing: Visual Color Acuity		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58926 Evaluating AerialResponse RobotSensing: Visual Dynamic Range		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58927 Evaluating AerialResponse RobotSensing: Audio Speech Acuity		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58928 Evaluating AerialResponse RobotSensing: Thermal Image Acuity		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58929 Evaluating AerialResponse RobotSensing: Thermal Dynamic Range		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58930 Evaluating AerialResponse RobotSensing: Latency of Video, Audio, and Control		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58931 Evaluating AerialResponse RobotManeuvering: Maintain Position and Orientation		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58932 Evaluating AerialResponse RobotManeuvering: Orbit a Point		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58933 Evaluating AerialResponse RobotManeuvering: Avoid Static Obstacles		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58934 Evaluating AerialResponse RobotManeuvering: Pass Through Openings		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58935 Evaluating AerialResponse RobotManeuvering: Land Accurately (Vertical)		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58936 Evaluating AerialResponse RobotSituational Awareness: Identify Objects (Point and Zoom Cameras)		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58937 Evaluating AerialResponse RobotSituational Awareness: Inspect Static Objects		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58938 Evaluating AerialResponse RobotSituational Awareness: Map Wide Areas (Stitched Images)		(New) In Development

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ASTM E54.09 Response Robots	ASTM WK58939 Evaluating AerialResponse RobotEnergy/Power: Endurance Range and Duration		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58940 Evaluating AerialResponse RobotEnergy/Power: Endurance Dwell Time		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58941 Evaluating AerialResponse RobotRadio Communications Range: Non Line of Sight		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58942 Evaluating AerialResponse RobotRadio Communication Range : Line of Sight		(New) In Development
ASTM E54.09 Response Robots	ASTM WK58943 Evaluating AerialResponse RobotSafety: Lights and Sounds		(New) In Development
ASTM F32.01, Search and Rescue Equipment, Testing, and Maintenance	ASTM WK52858 Small Unmanned Aircraft Systems (sUASs) for Land Search and Rescue		(New) In Development
ASTM F32.03, Search and Rescue Personnel, Training and Education	ASTM WK54226 sUAS Operations in Search and Rescue Operations		(New) In Development
ASTM F32.03, Search and Rescue Personnel, Training and Education	ASTM WK55596 Guide for Training of sUAS Pilots and Crew Members for Land Search and Rescue		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F2585-08, Standard Specification for Design and Performance of Pneumatic-Hydraulic Unmanned Aircraft System (UAS) Launch System	2008	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F2851-10 Standard Practice for UAS Registration and Marking (Excluding Small Unmanned Aircraft Systems)	2010	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F2910-14 Standard Specification for Design and Construction of a Small Unmanned Aircraft System (sUAS)	2014	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F2911-14e1 Standard Practice for Production Acceptance of Small Unmanned Aircraft System (sUAS)	2014	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F3002-14a Standard Specification for Design of the Command and Control System for Small Unmanned Aircraft Systems (sUAS)	2014	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F3003-14 Standard Specification for Quality Assurance of a Small Unmanned Aircraft System (sUAS)	2014	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F3005-14a Standard Specification for Batteries for Use in Small Unmanned Aircraft Systems (sUAS)	2014	Published

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ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F3196-17 Standard Practice for Seeking Approval for Extended Visual Line of Sight (EVLOS) or Beyond Visual Line of Sight (BVLOS) Small Unmanned Aircraft System (sUAS) Operations	2017	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM F3201-16 Standard Practice for Ensuring Dependability of Software Used in Unmanned Aircraft Systems (UAS)	2016	Published
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK49440, Revision of F3002 - 14a Standard Specification for Design of the Command and Control System for Small Unmanned Aircraft Systems (sUAS)		(Revision) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK56160, Revision of F3005 - 14a Standard Specification for Batteries for Use in Small Unmanned Aircraft Systems (sUAS)		(Revision) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK16285 New Specification for Specification for Design and Performance of an Unmanned Aircraft System-Class 1320 (550# Gross Weight to 1320# Gross Weight)		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK27055 New Practice for Marking of Unmanned Aircraft Systems		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK31391 New Specification for Testing of a Small Unmanned Aircraft System (sUAS)		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK52089 New Specification for Operation over People		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK53403 Methods to Safely Bound Flight Behavior of UAS Containing Adaptive Algorithms		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK53964 Design, Construct, and Test of VTOL		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK56338 Safety of Unmanned Aerial Systems for Flying Over People		(New) In Development
ASTM F38.01, Unmanned Aircraft Systems (UAS) - Airworthiness	ASTM WK57659 Design, Construction and Verification of Fixed Wing UAS		(New) In Development
ASTM F38.02, UAS - Flight Operations	ASTM F2849-10 Standard Practice for Handling of Unmanned Aircraft Systems at Divert Airfields	2010	Published
ASTM F38.02, UAS - Flight Operations	ASTM F2909-14 Standard Practice for Maintenance and Continued Airworthiness of Small Unmanned Aircraft Systems (sUAS)	2014	Published
ASTM F38.02, UAS - Flight Operations	ASTM F3178-16 Standard Practice for Operational Risk Assessment of Small Unmanned Aircraft Systems (sUAS)	2016	Published

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ASTM F38.02, UAS - Flight Operations	ASTM WK28019 New Practice for Selecting sUAS Launch and Recovery		(New) In Development
ASTM F38.02, UAS - Flight Operations	ASTM WK37164 New Specification for Operations Over People		(New) In Development
ASTM F38.02, UAS - Flight Operations	ASTM WK49619 New Practice for Operational Risk Assessment (ORA)		(New) In Development
ASTM F38.03, UAS - Personnel Training, Qualification & Certification	ASTM F2908-16 Standard Specification for Aircraft Flight Manual (AFM) for a Small Unmanned Aircraft System (sUAS)	2016	Published
ASTM F38.03, UAS - Personnel Training, Qualification & Certification	ASTM WK11425 New Practice for Private Unmanned Aircraft System (UAS) Pilot Practical Test Standards for Unmanned Aircraft Single-Engine Land (SEL) Remote Control and Autonomous/Semiautonomous		(New) In Development
ASTM F38.03, UAS - Personnel Training, Qualification & Certification	ASTM WK29229 New Practice for Certification of Pilots, Visual Observers, and Instructor Pilots and Training courses for Small Unmanned Aircraft Systems (sUAS)		(New) In Development
ATIS	Unmanned Aerial Vehicles Initiative		
CTA R6WG23	ANSI/CTA-2063 Small Unmanned Aerial Systems Serial Numbers	May 2017	Published
CTA R6WG23	ANSI/CTA-2067 Small Unmanned Aerial Systems - Remote Identification	Dec 2017	(New) In Development
CTIA	CTIA's Drone/UAS Working Group advocates before all U.S. regulatory agencies that can impact drone operations, including the FAA, FCC, DHS, NASA and NTIA. No information found on standards development.		
IEEE CES/SC/DWG	IEEE P2025.1 Standard for Consumer Drones: Taxonomy and Definitions		(New) In Development
IEEE CES/SC/DWG	IEEE P2025.2 Standard for Consumer Drones: Privacy and Security		(New) In Development
IEEE COM/SDB/Aerial Networks INCITS	IEEE P1920.1 Aerial Communications and Networking Standards	Feb 2018	(New) In Development
ISO/IEC JTC1/SC17, Information Technology - Cards and Personal Identification	ISO IEC NP 22460, ISO License and Drone Identity Module for Drone (Ultra Light Vehicle or Unmanned aircraft system), approved new work item from Republic of Korea (KATS), based on ISO 7816 (updated 5/3/17)		(New) In Development
ISO/TC 20/SC 16, Aircraft and space vehicles - Unmanned aircraft systems (UAS)	ISO/AWI 21384-1, Unmanned aircraft systems - Part 1: General specification		(New) In Development
ISO/TC 20/SC 16, Aircraft and space vehicles - Unmanned aircraft systems (UAS)	ISO/AWI 21384-2, Unmanned aircraft systems - Part 2: Product systems		(New) In Development

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ISO/TC 20/SC 16, Aircraft and space vehicles - Unmanned aircraft systems (UAS)	ISO/AWI 21384-3, Unmanned aircraft systems - Part 3: Operational procedures		(New) In Development
ISO/TC 20/SC 16, Aircraft and space vehicles - Unmanned aircraft systems (UAS)	ISO/AWI 21895, Categorization and classification of civil unmanned aircraft systems		(New) In Development
ISO/TC 23/SC 6, Tractors and machinery for agriculture and forestry - Equipment for Crop Protection	ISO/NP 16119-6, Agricultural and forestry machinery -- Environmental requirements for sprayers -- Part 6: Part 6 - Unmanned aerial systems (new work item proposed by France (AFNOR), national body voting closes July 5, 2017)		
JARUS WG1 - Flight Crew Licensing	JARUS FCL (Flight Crew Licensing) Recommendations	Sep 2014	Published
JARUS WG1 - Flight Crew Licensing	JARUS FCL GM, Guidance Material to JARUS-FCL Recommendation	Apr 2017	Published
JARUS WG2 - Operations	JARUS Ops Cat A & B. This document is developing recommendation for operations of Unmanned Aircraft Systems involved in manufacturing, operations, maintenance and service provision. It is based on categorization A & B as per the RPAS Operational caegorization of WG 7 and SORA developed by WG 6.		(New) In Development
JARUS WG3 - Airworthiness	JARUS CS-LUAS, Recommendations for Certification Specification for Light Unmanned Aeroplane Systems	Dec 2016	Published
JARUS WG3 - Airworthiness	JARUS CS-LURS, Certification Specification for Light Unmanned Rotorcraft Systems	Oct 2013	Published
JARUS WG4 - Detect and Avoid	JARUS Detect and Avoid CONOPS for VLL operations. It is intended to allow for further developments and elaboration of the operational concept for UAS at VLL		(New) In Development
JARUS WG4 - Detect and Avoid	JARUS Detect and Avoid. This document describes the methods to derive design objectives for DAA systems based on airspace requirements.		(New) In Development
JARUS WG5 - Command and Control	JARUS CPDLC, Recommendations on the Use of Controller Pilot Data Link Communications (CPDLC) in the RPAS Communications Context	Jun 2016	Published
JARUS WG5 - Command and Control	JARUS Required C2 Performance (RLP) concept	May 2016	Published
JARUS WG5 - Command and Control	JARUS RPAS C2 Link, Required Communication Performance (C2 link RCP) concept	Oct 2014	Published
JARUS WG5 - Command and Control	JARUS RPAS C2 Link CONOPS. This document is focusing on the C2 Link. It includes a large section on the Aeronautical Information (AIS) and Meteorological Information (MET) that are needed from an aircraft (RPA) perspective when operating in airspace using the C2 Link.		(New) In Development
JARUS WG6 - Safety and Risk Management	JARUS AMSC RPAS 1309 (package)	Jan 2015	Published
JARUS WG6 - Safety and Risk Management	JARUS SORA. Specific Operations Risk Assessment. Recommends a risk assessment methodology to establish a sufficient level of confidence that a specific operation can be conducted safely.		(New) In Development
JARUS WG7 - Concepts of Operations	JARUS RPAS Operational Categorization. Categorization scheme that describes the level of regulatory involvement for the varying types of UAS and UAS operations.		(New) In Development

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NFPA	NFPA 2400, Small Unmanned Aircraft Systems	Dec 2017 (draft for comment)	(New) In Development
NIST	working on suite of draft standard test methods		
OGC UXS DWG	OGC has a newly formed Unmanned Systems Domain Working Group		
Professional Photographers of America (PPA)	PPA Certified Drone Photographer	2017	
RIA	no UAS standards		
RTCA	RTCA serves as secretariat to the Drone Advisory Committee (DAC) established in May 2016. The DAC is a Federal Advisory Committee formed to provide an open venue for the FAA and key decision-makers supporting the safe introduction of Unmanned Aircraft Sys	n/a	n/a
RTCA SC-203	RTCA DO-304 - Guidance Material and Considerations for Unmanned Aircraft Systems	Mar 2007	Published
RTCA SC-203	RTCA DO-320 - Operational Services and Environmental Definition (OSED) for Unmanned Aircraft Systems	Jun 2010	Published
RTCA SC-203	RTCA DO-344 Volume 1 & 2 - Operational and Functional Requirements and Safety Objectives for Unmanned Aircraft System Standards	Jun 2013	Published
RTCA SC-203	RTCA DO-344 Volume 2-Appendices F & G - Operational and Functional Requirements and Safety Objectives for Unmanned Aircraft System Standards	Jun 2013	Published
RTCA SC-228, Minimal Operational Performance Standards for Unmanned Aircraft Systems	RTCA AWP-1 - Detect and Avoid (DAA) White Paper	Mar 2014	Published
RTCA SC-228, Minimal Operational Performance Standards for Unmanned Aircraft Systems	RTCA AWP-2 - Command and Control (C2) Data Link White Paper	Mar 2014	Published
RTCA SC-228, Minimal Operational Performance Standards for Unmanned Aircraft Systems	RTCA DO-362 - Command and Control (C2) Data Link Minimum Operational Performance Standard (MOPS) (Terrestrial)	Sep 2016	Published
RTCA SC-228, Minimal Operational Performance Standards for Unmanned Aircraft Systems	Phase 2 of MOPS development is underway to specify DAA equipment to support extended UAS operations in Class D, E, and perhaps G, airspace. And Satellite-based C2. White papers describing Phase 2 activities will be delivered in the summer of 2017.	Summer 2017	(New) In Development
SAE A-20b, Exterior Lighting Committee	SAE ARP 6336, Lighting Applications for Unmanned Aircraft Systems (UAS)	8-Oct-14	(New) In Development
SAE A-6a3, Flight Control and Vehicle Management Systems Committee	SAE ARP 94910, Aerospace - Vehicle Management Systems - Flight Control Design, Installation and Test of, Military Unmanned Aircraft, Specification Guide For	29-Dec-12	Published
SAE A-6b3, Electro-Mechanical Actuation Committee	SAE ARP 5724, Aerospace - Testing of Electromechanical Actuators, General Guidelines For	4-Oct-13	Published

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SAE A-6C4, Power Sources Committee	SAE AIR 744C-2010, Aerospace Auxiliary Power Sources	26-Oct-15	Published
SAE Ae-7b, Power Management, Distribution and Storage	SAE AS 4805-2007, Solid State Power Controller, General Standard For	23-Jul-07	Published
SAE Ae-7b, Power Management, Distribution and Storage	SAE AS 8033, Nickel Cadmium Vented Rechargeable Aircraft Batteries (Non-Sealed, Maintainable Type)	6-Jul-10	Published
SAE Ae-7b, Power Management, Distribution and Storage	SAE AIR 6343, Design and Development of Rechargeable Aerospace Lithium Battery Systems	29-Jul-15	(New) In Development
SAE Ae-7b, Power Management, Distribution and Storage	SAE AIR 6897, Lithium Battery Systems – Prognostics and Health Management	10-Dec-15	(New) In Development
SAE Ae-7b, Power Management, Distribution and Storage	SAE AS 4805A, Solid State Power Controller, General Standard For	15-Apr-15	(New) In Development
SAE Ae-7b, Power Management, Distribution and Storage	SAE AS 6087, ARC Fault Interrupter, 270 VDC	17-Nov-09	(New) In Development
SAE Ae-8a Elec Wiring and Fiber Optic Interconnect Sys Install	SAE AS 50881F, Wiring Aerospace Vehicle	29-May-15	Published
SAE AS-1B, Aircraft Store Integration Committee	SAE AIR 6027A-2017, Considerations for Safe Store Operation on Manned and Unmanned Vehicles	2017	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AIR 5645A-2014, JAUS Transport Considerations	5-Sep-14	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AIR 5664A-2012, JAUS History and Domain Model	16-Aug-12	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AIR 5665B-2013, Architecture Framework for Unmanned Systems	5-Feb-13	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE ARP 6012A-2014, JAUS Compliance and Interoperability Policy	5-Sep-14	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE ARP 6128-2013, Unmanned Systems Terminology Based on the ALFUS Framework	15-Mar-13	Published

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SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE ARP 6227-2013, JAUS Messaging over the OMG Data Distribution Service (DDS)	24-Feb-13	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 5669A-2009, JAUS/SDP Transport Specification	5-Aug-14	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 5684B-2015, JAUS Service Interface Definition Language	21-Aug-15	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 5710A, JAUS Core Service Set	24-Apr-15	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6009, JAUS Mobility Service Set	15-Apr-09	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6040, JAUS HMI Service Set	24-Apr-15	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6057A-2014, JAUS Manipulator Service Set	3-Jun-14	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6060, JAUS Environment Sensing Service Set	24-Apr-15	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6062, JAUS Mission Spooling Service Set	24-Apr-15	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6091-2014, JAUS Unmanned Ground Vehicle Service Set	29-Jul-14	Published
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6009A, JAUS Mobility Service Set	Summer 2017	(Revision) In Development
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6111, JAUS Unmanned Maritime Vehicle Service Set	year end 2017	(New) In Development
SAE AS-4JAUS, Joint Architecture for Unmanned Systems Committee	SAE AS 6386, JAUS Automated Behaviors and Diagnostics Service Set	mid 2018	(New) In Development
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6514-2016, UxS Control Segment (UCS) Architecture: Interface Control Document (ICD)	20-Dec-16	Published

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SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6515-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: EA Version of UCS ICD Model	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6516-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: RSA Version of UCS ICD Model	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6517-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: Rhapsody Version of UCS ICD Model	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6519-2016, UxS Control Segment (UCS) Architecture: UCTRACE	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6520-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: Version Description Document	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6521-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: Data Distribution Service (DDS)	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AS 6512-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: Architecture Description	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AS 6513-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: Conformance Specification	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AS 6518-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: UCS Architecture Model	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AS 6522-2016, Unmanned Systems (UxS) Control Segment (UCS) Architecture: Architecture Technical Governance	20-Dec-16	Published
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AIR 6388, Remote Identification and Interrogation of Unmanned Aerial Systems	year end 2018	(New) In Development
SAE AS-4UCS, Unmanned Systems Control Segment Architecture	SAE AS 6523, Data Dictionary for Quantities Used in Unmanned Systems	year end 2017	(New) In Development
SAE AS-5, Position, Navigation and Timing	SAE ARP 6856, Improving Unmanned Vehicle Navigation Solutions Using Raw Measurements from Global Navigation Satellite System (GNSS) Receivers	2019	(New) In Development
SAE AS-5, Position, Navigation and Timing	SAE ARP 6857, Requirements for a Terrestrial Based Position, Navigation, and Timing (PNT) System to Improve Unmanned Vehicle Navigation Solutions and Ensure Critical Infrastructure Security	2019	(New) In Development

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SAE E-25, General Standards for Aerospace and Propulsion Systems	SAE AS 478N, Identification Marking Methods	28-Apr-15	Published
SAE E-25, General Standards for Aerospace and Propulsion Systems	SAE AS 478P, Identification Marking Methods	22-Feb-17	(Revision) In Development
SAE G-10u, Unmanned Aerospace Vehicle Committee	SAE ARP 5707, Pilot Training Recommendations for Unmanned Aircraft Systems (UAS) Civil Operations	3-Apr-16	Published
SAE G-18, Radio Frequency Identification (RFID) Aero Applications	SAE AIR 5747-2008, EMC Laboratory RF Radiated Emission Report for Passive Radio Frequency Identification (RFID) Tags	18-Jun-08	Published
SAE G-18, Radio Frequency Identification (RFID) Aero Applications	SAE AS 5678A-2015, Passive RFID Tags Intended for Aircraft Use	20-Dec-15	Published
SAE G-18, Radio Frequency Identification (RFID) Aero Applications	SAE AS 6023-2017, Active and Battery Assisted Passive Tags Intended for Aircraft Use	21-Feb-17	Published
UL	UL 3030, Outline of Investigation for Unmanned Aerial Vehicles	Dec 2016	Published
			Totals
Other UAS-Related Standards and SDO Initiatives			
ASTM E17.41, Pavement Testing and Evaluation	ASTM E2583-07(2015), Standard Test Method for Measuring Deflections with a Light Weight Deflectometer (LWD)	2015	Published
ASTM E54.09 Response Robots	ASTM E2592-16, Standard Practice for Evaluating Response Robot Capabilities: Logistics: Packaging for Urban Search and Rescue Task Force Equipment Caches	2017	Published
ASTM E54.09 Response Robots	ASTM E2854-12, Standard Test Method for Evaluating Emergency Response Robot Capabilities: Radio Communication: Line-of-Sight Range	2012	Published
ASTM E54.09 Response Robots	ASTM E2855-12, Standard Test Method for Evaluating Emergency Response Robot Capabilities: Radio Communication: Non-Line-of-Sight Range	2012	Published
ASTM E54.09 Response Robots	ASTM WK33260, New Test Method for Evaluating Ground Response Robot Maneuvering: Traverse Hallway Labyrinths with Complex Terrain		(New) In Development
ASTM E54.09 Response Robots	ASTM WK55025, New Test Method for Evaluating Ground Response Robot Endurance		(New) In Development
ASTM F39.01, Aircraft Systems - Design, Alteration, and Certification of Electrical Systems	ASTM F2490-05(2013) Standard Guide for Aircraft Electrical Load and Power Source Capacity Analysis	2013	Published

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ASTM F39.01, Aircraft Systems - Design, Alteration, and Certification of Electrical Systems	ASTM F2639-15 Standard Practice for Design, Alteration, and Certification of Aircraft Electrical Wiring Systems	2015	Published
ASTM F39.02, Aircraft Systems - Inspection, Alteration, Maintenance, and Repair	ASTM F2696-14 Standard Practice for Inspection of Aircraft Electrical Wiring Systems	2014	Published
ASTM F39.02, Aircraft Systems - Inspection, Alteration, Maintenance, and Repair	ASTM F2799-14 Standard Practice for Maintenance of Aircraft Electrical Wiring Systems	2014	Published
SAE Battery Materials Testing Committee	SAE J3042-2015, Measuring Properties of Li-Battery Electrolyte	3-Feb-15	Published
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