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Item	Type	Designation	Title	Original CoS	CoS Chair	TC or PC and PoC	Action	Notes
AIAA	G	003C-2010(2016)	Guide to Reference and Standard Atmosphere Models	ASE	Dale Johnson Kent Tobiska	ASETC	Reaffirmed 2016 Next Periodic Review in 2020	Assists aircraft and space vehicle designers and developers, geophysicists, meteorologists, and climatologists in understanding available models, comparing sources of data, and in-terpreting engineering and scientific results based on
AIAA	G	010-1993	Guide for Reusable Software: Assessment Criteria for Aerospace Applications	Software Systems	Ron Kohl	SWTC	Ron Kohl will consult the SWTC to see if it should be reaffirmed, revised or withdrawn.	Provides criteria for assessing the reusability of software down to the component level, along with specific examples.
AIAA	SP	016-1992	Orbital Debris Mitigation: Technical, Legal, and Economic Aspects	Orbital Debris	Pamela Meredith Darren McKnight	Space Ops & Support	Consult the CoS and/or TC on whether to continue to sell	This special report is the result of a two-year effort by a large working group that conducted surveys of the industry and its customers, as well as financial supporters, to assess the current technical, legal, and economic aspects of orbital debris mitigation. Specific attention is given to
AIAA	SP	016-2-1999	MEO/LEO Constellations: U.S. Laws, Policies, and Regulations on Orbital	Orbital Debris	Pamela Meredith Darren McKnight	Legal Aspects of Aeronautics and Astronautics TC	Consult the CoS and/or TC on whether to continue to sell	Overview of the relevant laws, policies, and regulations on orbital debris mitigation and will serve as a useful reference for the space community.
ANSI/AIAA	S	017B-2015	Aerodynamic Decelerator and Parachute Drawings	ADS	Elsa Hennings & John Watkins	ADSTC	Periodic Review Ballot to be initiated in 2019	Sets requirements for the graphic description of materials, stitching, seams, view, and projections, with related dimensions and tolerances for parachutes.
ANSI/AIAA	G	034A-2014	Guide to Reference and Standard Ionosphere Models	ASE	Kent Tobiska	ASE	Periodic Review Ballot to be initiated in 2019	Assist communication and space system designers and developers, geophysicists, space physicists, and climatologists in understanding available models, comparing sources of data, and interpreting engineering and scientific results based on different ionospheric models.
AIAA	G	035A-2000	Guide to Human Performance Measurement	Life Sciences and Systems (LSS)	Kevin Duda	LSSTC	Under review by Kevin Duda and a task group from the LLSTC to decide if it should be reaffirmed, revised or	Assist scientists and systems specialists in selecting human performance measurement methods appropriate to the situation being studied or the system being evaluated.
ANSI/AIAA	G	043B-2018	Guide for the Preparation of Operational Concept Documents	Systems Engineering	Satoshi Nagano	SETC	Periodic Review Ballot to be initiated in 2022	Describes which types of information are most relevant, their purpose, and who should participate in the operational concept development effort. It also provides advice regarding effective procedures for generation of
AIAA	G	045A (071B-201x)	Guide to Assessing Experimental Uncertainty (Supplement to AIAA S-071A-1999)	GTTC Measurement Uncertainty Analysis Working Group	Erin Hubbard, David Chan	GTTC	Under Development (will be combined with AIAA S-071B-201x)	201x
AIAA	G	056-1992	Guide for Grasping/Berthing/Docking Interfaces for Servicable Spacecraft	Servicable Spacecraft	James Moore Wallace McCoy	SpSys TC	Needs Systematic Review by TC	Provides design guidelines for mechanical interfaces required for spacecraft servicing. For spacecraft contractors, spacecraft project managers, interface designers, systems
AIAA	R	060-1993	Recommended Practice for Reporting Earth-to-Orbit Mission Profiles	Space Launch Systems	Scott Burleigh	Space Operations and Support TC (SOSTC)	SOSTC recommends it be withdrawn	Defines initial and final state information such as specific launch point latitude, final orbit altitude and inclination for point-to-point comparison of the performance of launch vehicles. Provides a clear means of comparing the payload capabilities of

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AIAA	S	061-1998	Standard for Commercial Launch Safety	Space Launch Systems	Scott Burleigh	Space Operations and Support TC (SOSTC)	SOSTC recommends it be withdrawn	Establishes criteria for the safety roles, responsibilities and relationships between the various operators who may conduct simultaneous aerospace vehicle operations at a launch or landing site. Risk management processes for
AIAA	G	065-1999	Guide to Global Aerosol Models (GAM)	ASE	Kent Tobiska	ASETC	Needs Systematic Review by TC	Describes a standard Global Atmospheric Model which is composed of a set of existing reference aerosol models. This guide contains tables, plots, and other information describing the properties of atmospheric aerosols, both natural and man-
AIAA	S	066-1995	Standard Vocabulary for Space Automation and Robotics	Space Automation and Robotics (SAR)	SARTC Chair, Kate Stambaugh	SARTC	The SARTC is reviewing the standard to determine whether it should be reaffirmed, revised or withdrawn.	Aids in promoting mutual understanding of the vocabulary and acronyms used by the space science and engineering community in the development and use of automation and robotic systems. It contains approximately 200 terms which are presented in logical groupings with
AIAA	SP	069-1994	Contemporary Models of the Orbital Environment	ASE	Kent Tobiska	ASETC	Consult the CoS and/or TC on whether to continue to sell	The six papers included in this Special Report were presented at the AIAA Aerospace Sciences Meeting in January 1994. They provide state-of-the-art knowledge about ionospheric, radiation, neutral density, space debris, and thermal
AIAA	S	071B-201x	Assessment of Experimental Uncertainty With Application to Wind Tunnel Testing	GTTC Measurement Uncertainty Analysis Working Group	Erin Hubbard	GTTC	Under Development (will be combined with AIAA G-045-2003)	Provides a new methodology for assessment of experimental uncertainty and a technique for evaluating wind tunnel error sources. The methodology is then applied to a force and pressure test
AIAA	G	072-1995	Guide for Utility Connector Interfaces for Serviceable Spacecraft	Servicable Spacecraft	James Moore/ Wallace McCoy	SpSys TC	Needs Systematic Review by TC	Provides design guidelines for the selection and specification of spacecraft utility connectors. Designers and project managers of future spacecraft can benefit from this document.
ANSI/AIAA	G	077A-201x	Guide for the Verification and Validation of Computational Fluid Dynamics	CFD	Urmila Ghia	PDTC	Under Development	This document defines a number of key terms, discusses fundamental concepts, and specifies general procedures for conducting verification and validation of computational fluid dynamics simulations.
ANSI/AIAA	S	080A-2018	Space Systems—Metallic Pressure Vessels, Pressurized Structures, and Pressure Components	Pressure Vessels	Michael Kezirian	Struc TC	Periodic Review in 2021	Establishes baseline requirements for the design, analysis, manufacturing, test, and operation of metallic pressurized hardware used for aerospace systems such as spacecraft and launch vehicles.
ANSI/AIAA	S	081B-2018	Space Systems—Composite Overwrapped Pressure Vessels	Pressure Vessels	Michael Kezarian	Struc TC	Periodic Review in 2021	Establishes baseline requirements for the design, analysis, manufacturing, test, and operation of a composite overwrapped pressure vessel (COPV) used for aerospace systems such as spacecraft and launch vehicles.
AIAA	G	083-1999	Guide to Modeling Earth's Trapped Radiation Environment	ASE	Kent Tobiska Shu Lai	ASETC	Periodic Review Ballot to be initiated	There is a need for better, more comprehensive tools for modeling the Earth's trapped radiation environment and its effects on space systems. The objectives of this guide are to describe the current status of those efforts and to review methods for

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AIAA	SP	084-1999	Fire, Explosion, Compatibility, and Safety Hazards of Hypergols--Hydrazine	Liquid Propulsion CoS	Stephen Woods	Liq Prop TC	Consult the CoS and/or TC on whether to continue to sell	Presents information that designers, builders, and users of hydrazine systems can use to avoid or resolve hydrazine hazards.
AIAA	SP	085-1999	Fire, Explosion, Compatibility, and Safety Hazards of Hypergols--Monomethylhydrazine	Liquid Propulsion CoS	Stephen Woods	Liq Prop TC	Consult the CoS and/or TC on whether to continue to sell	Presents information that designers, builders, and users of monomethylhydrazine systems can use to avoid or resolve monomethylhydrazine hazards.
AIAA	SP	086-2001	Fire, Explosion, Compatibility, and Safety Hazards of Nitrogen Tetroxide	Liquid Propulsion CoS	Stephen Woods	Liq Prop TC	Consult the CoS and/or TC on whether to continue to sell	Presents information that designers, builders, and users of nitrogen tetroxide systems can use to avoid or resolve nitrogen tetroxide hazards.
AIAA	S	089-201x	Composite Pressurized Structures	Pressure Vessels	Mike Holt	Space Operations and Support	Under Development	Provide users with the necessary and sufficient standards to follow with the procurement and use of composite pressurized structures for a range of applications.
AIAA	R	091A-201x	Calibration and Use of Internal Strain-Gage Balances with Application to Wind Tunnel Testing	GTTC Internal Balance Technology Working Group	#REF!	#REF!	Under Development	#REF!
AIAA	R	092-1-2003	Wind Tunnel Testing -- Part 1: Management Volume	GTTC Test Processes Working Group	Mark Melanson	GTTC	GTTC is determining whether to reaffirm, revise or withdraw (Victor)	Provides test project management and practitioners with best practices that maximize the data value of wind tunnel test projects. Part 1 help managers understand the impact of decision making before and during the development of a test project and provides key activities to help improve the timeliness and costeffectiveness of future wind tunnel test projects .
AIAA	R	092-2-2003	Wind Tunnel Testing -- Part 2: Practitioners Volume	GTTC Test Processes Working Group	Mark Melanson	GTTC	GTTC is determining whether to reaffirm, revise or withdraw (Victor)	Provides test project management and practitioners with best practices that maximize the data value of wind tunnel test projects. Part 2 provides those responsible for test execution with best practices to employ when preparing for and implementing tests.
AIAA	R	093-2003	Recommended Practice: Calibration of Subsonic and Transonic Wind Tunnels	GTTC Wind Tunnel Calibration Methodology Working Group	Allen Arrington Mark Perry	GTTC	GTTC is determining whether to reaffirm, revise or withdraw (Victor)	

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ANSI/AIAA	G	095A-2017	Guide for Safety of Hydrogen and Hydrogen Systems	Hydrogen	Steve Woods Steve McDougale	Hyd Hy Steve	Periodic Review in 2020	Presents information that designers, builders, and users of hydrogen systems can use to manage and ensure safe hydrogen systems or resolve hazards related to the material behavior, facility storage, detection, and transportation of hydrogen as well as a review of emergency procedures.
AIAA	S	096-2004	Space Systems -- Flywheels Rotor Assemblies	Flywheel Rotor Safe-Life Standards Working Group	Jim Chang	Str Stru Jum	Periodic Review Ballot to be initiated	Establishes baseline requirements for the design, fabrication, test, inspection, storage, and transportation of a flywheel rotor assembly used in a spaceflight flywheel system for energy storage and/or attitude control.
AIAA	R	099-2001	Space Launch Integration CoS	Space Launch Integration	John Stammreich	Sp Ops TC	Periodic Review Ballot to be initiated	Identifies the processes and methodologies of space launch integration and recommends demonstrated practices that can improve the launch integration process.
AIAA	R	100A-2001	Recommended Practice for Parts Management	Reliability	John Gartin Larry Dennis Jim MacDonald	Reliability TC	Periodic Review Ballot to be initiated	Baseline for implementing a parts management program. It addresses the preferred program elements adopted by the aerospace industry (military, civil, and commercial) for parts management.
AIAA	R	101B-201x	The CFD General Notation System Standard Interface Data Structures	CFD	Chris Rumsey		Under Development	Provides common CFD file format for aerospace community.
AIAA	G	102.4-201x	Failure Mode Effect Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-1-1-201x	R&M Planning	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-1-2-201x	Subcontractor and Supplier Monitoring and Control	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-1-3-201x	R&M Program Working Groups and Review	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-1-4-2009	Performance-Based Failure Reporting, Analysis & Corrective Action Systems (FRACAS) Requirements	Mission Assurance	Tyrone Jackson	SETC	Under Revision	Provides the basis for developing the performance-based Failure Reporting, Analysis & Corrective Action System (FRACAS) to resolve the problems and failures of individual products along with those of their procured elements. The

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ANSI/AIAA	S	102-1-5-2009	Performance Based Failure Board Requirements	Mission Assurance	Tyrone Jackson	SETC	Under Revision	Provides the basis for developing the performance-based Failure Review Board (FRB), which is a group consisting of representatives from appropriate project organizations with the
ANSI/AIAA	S	102-1-6-201x	R&M Critical Item Risk Management	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-1-7-201x	Project R&M Database System	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-10-201x	Environmental Event Survivability Prediction	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-11-2009	Anomaly, Detection, and Response Analysis	Mission Assurance	Tyrone Jackson	SETC	Under Revision	Provides the basis for developing identification and response methods for system anomalies or faults that pose unacceptable risk. The requirements for contractors, planning and reporting needs, and analytical tools are
ANSI/AIAA	S	102-2-1-201x	Functional Diagram Modeling	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-12-201x	Maintainability Predictions	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-13-201x	Operational Dependability and Operational Availability Modeling	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-14-201x	Hazards Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-15-201x	Software Reliability Predictions	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-16-201x	Process Failure Mode, Effects, and Criticality Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-17-201x	Event Tree Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-18-2009	Performance-Based Fault Tree Analysis Requirements	Mission Assurance	Tyrone Jackson	SETC	Under Revision	Provides the basis for developing the performance-based fault tree analysis (FTA) to review and analytically examine a system or
ANSI/AIAA	S	102-2-19-201x	Fishbone Analysis	Mission Assurance	Tyrone Jackson	SETC		201x

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ANSI/AIAA	S	102-2-20-201x	R&M Similarity and Allocations Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-21-201x	Parts Engineering and Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-2-2009	System Reliability Modeling Requirements	Mission Assurance	Tyrone Jackson	SETC	Under Revision	Provides the basis for developing performance-based System Reliability Modeling to develop mathematical or simulation models to be used for
ANSI/AIAA	S	102-2-22-201x	Stress and Damage Simulation Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-3-201x	Component Reliability Predictions	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-4-2015	Capability-Based Product Failure Mode, Effects and Criticality Analysis (FMECA)	Mission Assurance	Tyrone Jackson	SETC	Periodic Review Ballot to be initiated in 2019	Provides the basis for developing the analysis of failure modes, their effects, and criticality in the context of individual products along with the
AIAA	S	102-2-5-2009	Performance-Based Sneak Circuit Analysis (SCA) Requirements	Mission Assurance	Tyrone Jackson	SETC	Under Revision	Provides the basis for developing the analysis of sneak conditions. The sneak conditions may consist of hardware, software, operator actions,
ANSI/AIAA	S	102-2-6-201x	Design Concern Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-7-201x	Parts Stress De-rating Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-8-201x	Worst Case Analysis	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-2-9-201x	Human Error Predictions	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-3-1-201x	Environment Stress Screening	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-3-2-201x	Reliability Development Growth Testing	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-3-3-201x	Reliability, Maintainability, and Availability Demonstration Testing	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-3-4-201x	Reliability Life Testing	Mission Assurance	Tyrone Jackson	SETC		201x
ANSI/AIAA	S	102-3-5-201x	Design of Experiments	Mission Assurance	Tyrone Jackson	SETC		201x
AIAA	R	103-2004	Recommended Practice: Terminology for Unmanned Aerial Vehicles and Remotely Piloted Aircraft	UAV/ROA CoS	Richard Wagaman	UAV PC	Periodic Review Ballot to be initiated	Promotes understanding of the vocabulary and acronyms, currently in use, among many different
AIAA	SP	108-2004	Recommended Design Practices for Conceptual Nuclear Fusion Space Propulsion Systems	NFFPTC Fusion Design Working Group	Craig Williams	Nuclear and Future Flight Propulsion TC	Consult the CoS and/or TC on whether to continue to sell	Provides recommended design practices for conceptual engineering studies of nuclear fusion space propulsion systems. Discussion and recommendations are included on key topics
AIAA	G	109-201x	Guide to Solar Irradiance Models	ASE	Kent Tobiska	ASETC	Work has been discontinued for the foreseeable future	

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AIAA	S	110-2005	Space Systems - Structures, Structural Components, and Structural Assemblies	Structures	Jim Chang Nat Patel	Str Stru Jim	Periodic Review Ballot to be initiated 2019	Establishes a standard for the design, analysis, material selection and characterization, fabrication, test, and inspection of structural items
AIAA	S	111A-2014-Amendment 1-201x	Qualification and Quality Requirements for Space Solar Cells	Solar Cell and Solar Panel	Ed Gaddy	Sol Cell Ed	Under Development	
AIAA	S	112A-2013-Amendment 1-201x	Qualification and Quality Requirements for Space Solar Panels	Solar Cell and Solar Panel CoS	Ed Gaddy	Sol Cell Ed	Under Development	
AIAA	S	113A-2016/Amendment 1-201x	Criteria for Explosive Systems and Devices on Space and Launch Vehicles-Amendment 1	Ordnance CoS	Donald Jackson	Energetic Components and Systems (ECS)	Under Development	Establishes criteria for design, manufacture, and performance certification of explosive systems and explosive devices commonly used on launch, upper stage, and space vehicle systems. The
AIAA	S	114A-201x	Moving Mechanical Assemblies for Space and Launch Vehicles	Moving Mechanical Assemblies (MMA) CoS	Brian Gore	Structures TC and Space Systems TC	Under Development	Specifies general requirements for the design, manufacture, quality control, testing, and storage of moving mechanical assemblies (MMAs) to be used on space and launch vehicles
ANSI/AIAA	S	115-2013(2017)	LEO Spacecraft Charging Design Standard and Handbook	ASE CoS, Low Earth Orbit Working Group	Henry Garrett	ASETC	Reaffirmed in 2017	References common design practices that have exacerbated plasma interactions in the past, and recommends standard requirements and practices to eliminate or mitigate such reactions.
AIAA	S	117A-2016	Space Systems Verification Program and Management Process	Systems Engineering (SE) CoS	Satoshi Nagano	SETC	Periodic Review in 2020	Establishes a set of requirements for planning and executing verification programs for commercial/noncommercial manned and unmanned space systems.
AIAA	G	118-2006	Guide for Managing the Use of Commercial Off the Shelf (COTS) Software Components for Mission-Critical Systems	Software Systems CoS	Ron Kohl	SWTC	Ron Kohl will consult the SWTC to decide if it should be reaffirmed, revised or withdrawn.	Assists development and maintenance projects (teams and individuals) that have to address the use of, or consideration of, COTS products within large, complex systems, including but not limited to mission critical systems.
ANSI/AIAA	S	119-2011(2016)	Flight Dynamics Model Exchange Standard	Modeling and Simulation CoS	Bruce Hildreth Bruce Jackson	Mod Simu Bruce	Reaffirmed 2016 Next Periodic Review in 2020	Interchange of simulation modeling data between facilities. Applies to virtually any vehicle model (ground, air, or space), but most directly applies to aircraft and missiles.
ANSI/AIAA	S	120A-2015	Mass Properties Control for Space Systems	Mass Properties CoS	Geoff Beech	Mass Proper Geoff	Periodic Review Ballot to be initiated 2019	Defines terminology and establishes uniform processes, procedures, and methods for the management, control, monitoring, determination, verification, and documentation of mass
AIAA	S	121A-2017	Electromagnetic Compatibility Requirements for Space Equipment and Systems	Electromagnetic Compatibility (EMC) CoS	Jim Lukash Dave Brumbaugh	SSTC (Space Systems TC)	Systematic Review in 2020	201x
AIAA	S	122-2007	Electrical Power Systems for Unmanned Spacecraft	Power Systems CoS	Brian Lenertz Robb Pinkerton	Aerospace Power Systems TC Margot Wasz	Margot Watz will coordinate with the cochair to see how to proceed.	Specifies general design practices and sets minimum verification and validation requirements for power systems of unmanned spacecraft.

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ANSI/AIAA	S	123-2007(2017)	Adaptions and Convrnsions of CCSDS Space Link Extention Forward Communications Link Transmission Unit Transfer Service	Satellite Control Network Data Transfer CoS	John Pietras	Sat Tr John	Reaffirmed in 2017	Defines a set of functions to be performed by users and providers of the CCSDS FCLTU transfer service to flow types of space element command data that are not implicitly supported by standard implementations of the FCLTU service.
ANSI/AIAA	S	124-2007(2017)	Adaptions and Conversions of CCSDS Space Link Extention Return All Frames Transfer Service	Satellite Control Network Data Transfer CoS	John Pietras	Sat Tr John	Reaffirmed in 2017	Defines a set of functions to be performed by users and providers of the CCSDS RAF transfer service to flow types of space element telemetry and command echo data that are not implicitly supported by standard implementations of the
AIAA	G	129-2012	Nomenclature for Aerodynamic Wind Tunnel Test	GTTC Test Nomenclature Working Group	Dave Cahil Pete Wilcox	GTTC	Being Reviewed by GTTC Sub-Committee	Provides a recommended test nomenclature for steady-state wind tunnel testing involving force, moment, and pressure data. The use of this document will enhance the understanding and communication between customers and facilities.
ANSI/AIAA	S	131-2010(2016)	Astrodynamics	Astrodynamics CoS	Dave Vallado	Astrodynamics	Reaffirmed 2016 Next Periodic Review in 2020	Provides the broad astrodynamics and space operations community with technical standards and lays out recommended approaches to ensure compatibility between organizations.
AIAA	G	133-10-2013	SPA- System Capability	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	G	133-1-2013	Space Plug and Play Avionics / SPA: XTED	Spacecraft Plug and Play Avionics (SPA)	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	S	133-2-2013	SPA: Networking	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	S	133-3-2013	SPA: Logical	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	S	133-4-2013	SPA: Physical	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	S	133-5-2013	SPA: Power	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	S	133-6-2013	SPA: Timing	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.

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AIAA	S	133-7-2013	SPA: Dictionary	Spacecraft Plug and Play Avionics	Fred Slane	Spa Av Fred	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	S	133-8-2013	SPA: Test Bypass	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
AIAA	S	133-9-2013	SPA: Spacewire	Spacecraft Plug and Play Avionics	Fred Slane	SATC	Periodic Review Ballot to be initiated 2018	Describes the minimum requirements for the components in a SPA network.
ANSI/AIAA	S	136-201x	Safety Standard for Space Lithium Batteries	Space Systems Battery Safety	Judy Jeevarajan and	SAPS TC	Under Development	201x
AIAA	SP	137-2012	Status of Inflight Icing Forecasting Products and Plans for Future Development	ASE	Marcia Politovich	ATSTC	Consult the CoS and/or TC on whether to continue to sell	Provides the current status of automated inflight icing diagnosis and forecast algorithms, and describe steps for improvement: new data inputs, improved logic, development of human-over-the-loop production methods, and expansion of the domain to cover the globe.
ANSI/AIAA	R	138-201x	Fabrication, Calibration, Usage of Inductive Magnetic Field Probes with Application to Electric Propulsion Testing	EPT	John Dankanich	SSTC	Dormant	Dormant
AIAA	G	140-2015	Terrestrial Environment (Climatic) Criteria Guidelines for Use in Aerospace Vehicle Development	ASE CoS Terrestrial Working Group	Dale Johnson	ASETC	Periodic Review Ballot to be initiated 2019	Provides guidelines regarding current natural terrestrial environment criteria to be used for the design and development of aerospace vehicles traversing the terrestrial atmosphere.
ANSI/AIAA	S	141-201x	Standard Code Verification in CFD	CFD	Urmila Ghia	FDTC	Under Development	201x
ANSI/AIAA	S	142-2016	Standard Handbook for Multipactor Breakdown Prevention in Spacecraft Components	Materials CoS	Aimee Hubble	Materials TC	Periodic Review in 2020	Handbook for the prevention of multipactor breakdown in spacecraft components and systems. The document provides minimum
AIAA	S	143-2016	Occupant-Imparted Loads for Commercial Suborbital RLVs	Commercial Space CoS	Audrey Powers	Structural Dynamic TC	Periodic Review in 2020	Specifies human engineering design practices and recommendations to assist the designer in determining expected intentional load conditions on commercial space vehicle controls and

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ANSI/AIAA	S	144-201x	Qualification and Acceptance Tests for Commoditized Space Battery Cells	Li-ion Space Cell Commoditization CoS	Brad Reed	APS TC	Under Development	Provides a minimum set of performance and prescriptive requirements, reasonably available as a relevant, international standard to all spacecraft or space satellite customers of large, prismatic battery cells.
ANSI/AIAA	S	145-201x	Commercial Space Systems Development	Systems Engineering CoS	Satoshi Nagano		On hold (11/14/2017)	Establishes a set of technical standards/guides for manned and unmanned commercial space systems developments. It will involve reviews/assessments of non-proprietary standards/guides that are already used by some commercial space systems developers as well as
AIAA	R	146-201x	Dual Flow Reference Nozzles for Verification of Sub-Scale Thrust and Airflow Test Rigs; Dual Separate Flow Reference (DSFR) and Dual Mixed Flow Reference (DMFR)	GTTC Dual Flow Reference Nozzle Working Group	David Myren	GTTC	Under Development	Establishes flowpath geometry and relevant simulated system features for the evaluation of mass flow and thrust characteristics utilizing a sub-scale dual flow nozzle configuration. The configuration will be representative for current generation and growth generation turbofan engine
AIAA	S	147-201x	Ground Test - Dynamic shake/rap testing	New CoS	Bill Welsh	Structural Dynamics TC	Under Development	
AIAA	R	148-201x	Modal Testing and Correlation Guidelines for Aerospace Structures	Structures CoS	Kaitlin Spak	Structural Dynamics TC	Under Development	

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