

Standards Manager Web Standards List
AIAA-American Institute of Aeronautics and Astronautics

Id	Number	Title	Year	Organization	Page
1	S-113B	Criteria for Explosive Systems and Devices on Space and Launch Vehicles	2023	AIAA	
2	G-082	Guide: Space Systems ù Composite Overwrapped Pressure Vessels with a Plastic Liner	2022	AIAA	
3	G-136	Guide to Lithium Battery Safety for Space Applications	2022	AIAA	
4	R-141	Code Verification in Computational Fluid Dynamics	2021	AIAA	0
5	R-154	When Flight Modelling Is Used to Reduce Flight Testing Supporting Aircraft Certification	2021	AIAA	0
6	S-153	Human Spaceflight: Spacecraft Architecture and Systems Engineering Ontology	2021	AIAA	0
7	S-114	Moving Mechanical Assemblies for Space and Launch Vehicles	2021	AIAA	65
8	R-091	Calibration and Use of Internal Strain-Gage Balances with Application to Wind Tunnel Testing	2020	AIAA	100
9	R-146	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)	2020	AIAA	124
10	G-034A	Guide to Reference and Standard Ionosphere Models	2019	AIAA	122
11	S-102.1.4	Performance-Based Failure Reporting, Analysis & Corrective Action System (FRACAS) Requirements	2019	AIAA	39
12	S-102.1.5	Performance-Based Failure Review Board (FRB) Requirements	2019	AIAA	37
13	S-102.2.2	Performance-Based System Reliability Modeling Requirements	2019	AIAA	38
14	S-102.2.11	Performance-Based Anomaly Detection and Response Analysis	2019	AIAA	30
15	S-102.2.18	Performance-Based Fault Tree Analysis Requirements	2019	AIAA	37
16	S-102.0.1	Capability-based mission assurance program ù General requirements	2019	AIAA	115
17	S-017B	Standard for Aerodynamic Decelerator and Parachute Drawings	2019	AIAA	85
18	S-120A	Mass Properties Control for Space Systems	2019	AIAA	39
19	G-043B	Guide to the Preparation of Operational Concept Documents	2018	AIAA	59
20	R-092-1	Wind Tunnel Testing Part 1: Management Volume	2018	AIAA	23
21	R-092-2	Wind Tunnel Testing Part 2: Practitioners Volume	2018	AIAA	54
22	S-081B	Space Systems - Composite Overwrapped Pressure Vessels	2018	AIAA	58
23	S-080A	Space Systems - Metallic Pressure Vessels, Pressurized Structures, and Pressure Components	2018	AIAA	57
24	G-095A	Guide to Safety of Hydrogen and Hydrogen Systems	2017	AIAA	306
25	G-129	Nomenclature and Axis Systems for Aerodynamic Wind Tunnel Testing	2017	AIAA	55
26	S-121A	Electromagnetic Compatibility Requirements for Space Equipment and Systems	2017	AIAA	123
27	S-123	Adaptations and Conversions of CCSDS Space Link Extension Forward Communications Link Transmission Unit Transfer Service	2017	AIAA	27
28	S-124	Adaptations and Conversions of CCSDS Space Link Extension Return All Frames Transfer Service	2017	AIAA	30
29	S-115	Low Earth Orbit Spacecraft Charging Design Standard Requirement and Associated Handbook	2017	AIAA	69
30	S-119	Flight Dynamics Model Exchange Standard	2016	AIAA	129
31	S-131	Astrodynamics â Propagation Specifications, Technical Definitions, and Recommended Practices	2016	AIAA	101
32	G-003C	Guide to Reference and Standard Atmosphere Models	2016	AIAA	154
33	S-113A	Criteria for Explosive Systems and Devices on Space and Launch Vehicles	2016	AIAA	137
34	S-117A	Space Systems Verification Program and Management Process	2016	AIAA	45

35	S-142	Standard/Handbook for Multipactor Breakdown Prevention in Spacecraft Components	2016	AIAA	69
36	S-143	Occupant-Imparted Loads for Commercial Suborbital RLVs	2016	AIAA	14
37	S-120A	Mass Properties Control for Space Systems	2015	AIAA	39
38	S-102.2.4	Capability-Based Product Failure Mode, Effects and Criticality Analysis (FMECA) Requirements	2015	AIAA	62
39	S-017B	Standard for Aerodynamic Decelerator and Parachute Drawings	2015	AIAA	84
40	G-140	Terrestrial Environment Guidelines for Use in Aerospace Vehicle Development	2015	AIAA	45
41	G-034A	Guide to Reference and Standard Ionosphere Models	2014	AIAA	122
42	S-111A	Qualification and Quality Requirements for Space Solar Cells	2014	AIAA	37
43	S-112A	Qualification and Quality Requirements for Electrical Components on Space Solar Panels	2013	AIAA	41
44	S-115	Low Earth Orbit Spacecraft Charging Design Standard Requirement and Associated Handbook	2013	AIAA	69
45	S-133-2	Space Plug-and-Play Architecture Standard Networking	2013	AIAA	39
46	S-133-3	Space Plug-and-Play Architecture Standard Logical Interface	2013	AIAA	71
47	S-133-4	Space Plug-and-Play Architecture Standard Physical Interface	2013	AIAA	33
48	S-133-5	Space Plug-and-Play Architecture Standard 28V Power Service	2013	AIAA	21
49	S-133-6	Space Plug-and-Play Architecture Standard System Timing	2013	AIAA	16
50	S-133-7	Space Plug-and-Play Architecture Standard Ontology	2013	AIAA	39
51	S-133-8	Space Plug-and-Play Architecture Standard Test Bypass	2013	AIAA	31
52	S-133-9	Space Plug-and-Play Architecture Standard SpaceWire Subnet Adaptation	2013	AIAA	41
53	G-133-1	Space Plug-and-Play Architecture Standards Development Guidebook	2013	AIAA	49
54	G-133-10	Space Plug-and-Play Architecture Guide System Capabilities	2013	AIAA	18
55	G-043A	Guide to the Preparation of Operational Concept Documents	2012	AIAA	57
56	SP-137	Status of Inflight Icing Forecasting Products and Plans for Future Development	2012	AIAA	32
57	G-129	Nomenclature and Axis Systems for Aerodynamic Wind Tunnel Testing	2012	AIAA	55
58	S-119	Flight Dynamics Model Exchange Standard	2011	AIAA	129
59	S-131	Astrodynamics â Propagation Specifications, Technical Definitions, and Recommended Practices	2010	AIAA	101
60	S-117	Space Systems Verification Program and Management Process	2010	AIAA	41
61	G-003C	Guide to Reference and Standard Atmosphere Models	2010	AIAA	154
62	S-102.1.4	Performance-Based Failure Reporting, Analysis & Corrective Action System (FRACAS) Requirements	2009	AIAA	39
63	S-102.1.5	Performance-Based Failure Review Board (FRB) Requirements	2009	AIAA	37
64	S-102.2.2	Performance-Based System Reliability Modeling Requirements	2009	AIAA	38
65	S-102.2.4	Capability-Based Product Failure Mode, Effects and Criticality Analysis (FMECA) Requirements	2009	AIAA	39
66	S-102.2.5	Performance-Based Sneak Circuit Analysis (SCA) Requirements	2009	AIAA	45
67	S-102.2.11	Performance-Based Anomaly Detection and Response Analysis	2009	AIAA	30
68	S-102.2.18	Performance-Based Fault Tree Analysis Requirements	2009	AIAA	36
69	S-121	Electromagnetic Compatibility Requirements for Space Equipment and Systems	2009	AIAA	94
70	S-122	Electrical Power Systems for Unmanned Spacecraft	2007	AIAA	72
71	S-123	Adaptations and Conversions of CCSDS Space Link Extension Forward Communications Link Transmission Unit Transfer Service	2007	AIAA	27
72	S-124	Adaptations and Conversions of CCSDS Space Link Extension Return All Frames Transfer Service	2007	AIAA	30
73	S-120	NULL	2006	AIAA	55
74	S-081A	Space Systems - Composite Overwrapped Pressure Vessels (COPVs)	2006	AIAA	33
75	G-118	Managing the Use of Commercial Off the Shelf (COTS) Software Components for Mission-Critical Systems	2006	AIAA	67

76	S-110	Space Systems Structures, Structural Components, and Structural Assemblies	2005	AIAA	39
77	R-101A	The CFD General Notation System â Standard Interface Data Structures	2005	AIAA	200
78	S-113	Criteria for Explosive Systems and Devices on Space and Launch Vehicles	2005	AIAA	121
79	S-114	Moving Mechanical Assemblies for Space and Launch Vehicles	2005	AIAA	49
80	S-111	Qualification and Quality Requirements for Space Solar Cells	2005	AIAA	29
81	S-112	Qualification and Quality Requirements for Space Solar Panels	2005	AIAA	25
82	S-096	Space Systems Flywheel Rotor Assemblies	2004	AIAA	26
83	G-003B	Guide to Reference and Standard Atmosphere Models	2004	AIAA	100
84	SP-108	Recommended Design Practices for Conceptual Nuclear Fusion Space Propulsion Systems	2004	AIAA	24
85	R-103	Terminology for Unmanned Aerial Vehicles and Remotely Operated Aircraft	2004	AIAA	93
86	G-095	Guide to Safety of Hydrogen and Hydrogen Systems	2004	AIAA	265
87	G-045	Assessing Experimental Uncertainty Supplement to AIAA S-071A-1999	2003	AIAA	91
88	R-091	Calibration and Use of Internal Strain- Gage Balances with Application to Wind Tunnel Testing	2003	AIAA	74
89	R-092-1	Wind Tunnel Testing Part 1: Management Volume	2003	AIAA	23
90	R-092-2	Wind Tunnel Testing Part 2: Practitioners Volume	2003	AIAA	54
91	R-093	Calibration of Subsonic and Transonic Wind Tunnels	2003	AIAA	146
92	G-077	Guide for Verification and Validation of Computational Fluid Dynamics Simulation	2002	AIAA	29
93	R-101	The CFD General Notation System Standard Interface Data Structures	2002	AIAA	171
94	G-077	Guide for Verification and Validation of Computational Fluid Dynamics Simulation	2002	AIAA	29
95	R-099	Recommended Practice for Space Launch Integration	2001	AIAA	112
96	R-100A	Recommended Practice for Parts Management	2001	AIAA	75
97	SP-086	Fire, Explosion, Compatibility, and Safety Hazards of Nitrogen Tetroxide	2001	AIAA	126
98	S-017A	NULL	2000	AIAA	58
99	G-035A	Guide to Human Performance Measurements	2000	AIAA	61
100	S-081	Space Systems - Composite Overwrapped Pressure Vessels (COPVs)	2000	AIAA	24
101	G-065	Guide to Global Aerosol Models	1999	AIAA	74
102	G-083	Guide to Modeling Earth's Trapped Radiation Environment	1999	AIAA	63
103	R-020A	Recommended Practice for Mass Properties Control for Satellites, Missiles, and Launch Vehicles	1999	AIAA	19
104	SP-084	Fire, Explosion, Compatibility, and Safety Hazards of Hypergols - Hydrazine	1999	AIAA	167
105	SP-085	Fire, Explosion, Compatibility, and Safety Hazards of Hypergols - Monomethylhydrazine	1999	AIAA	122
106	SP-016-2	MEO/LEO Constellations: U.S. Laws, Policies, and Regulations on Orbital Debris Mitigation	1999	AIAA	30
107	S-071A	Assessment of Experimental Uncertainty with Application to Wind Tunnel Testing	1999	AIAA	92
108	S-080	Space Systems - Metallic Pressure Vessels, Pressurized Structures, and Pressure Components	1998	AIAA	28
109	S-061	Commercial Launch Safety	1998	AIAA	63
110	G-077	Guide for Verification and Validation of Computational Fluid Dynamics Simulation	1998	AIAA	30
111	G-034	Guide to Reference and Standard Ionosphere Models	1998	AIAA	68
112	G-003A	Guide to Reference and Standard Atmosphere Models	1996	AIAA	73
113	R-100	Recommended Practice for Parts Management	1996	AIAA	58
114	S-071	Assessment of Wind Tunnel Data Uncertainty	1995	AIAA	93
115	R-023A	Recommended Practice Human-Computer Interfaces for Space System Operations	1995	AIAA	176
116	S-066	Standard Vocabulary for Space Automation and Robotics	1995	AIAA	17

117	G-072	Guide for Utility Connector Interfaces for Serviceable Spacecraft	1995	AIAA	41
118	SP-069	Contemporary Models of the Orbital Environment	1994	AIAA	126
119	G-057	Guide to Terminology for Space Launch Systems	1994	AIAA	82
120	R-064	Recommended Practice for Astrodynamics Concepts, Terms, and Symbols - Part 1	1994	AIAA	66
121	R-024	Space Operations and Support Documentation	1993	AIAA	22
122	SP-063	Standardization for Commercial Space Transportation Operations	1993	AIAA	52
123	G-010	Reusable Software: Assessment Criteria for Aerospace Applications	1993	AIAA	30
124	R-060	Recommended Practice for Reporting Earth-to-Orbit Mission Profiles	1993	AIAA	12
125	G-056	Guide for the Serviceable Spacecraft Grasping/Berthing/ Docking Interfaces	1992	AIAA	32
126	SP-016	Orbital Debris Mitigation Techniques: Technical, Legal, and Economic Aspects	1992	AIAA	62
127	R-004	Atmospheric and Space Flight Vehicle Coordinate Systems	1992	AIAA	69
128	R-021	Recommended Practice Spacecraft System Design in SI Units	1992	AIAA	10
129	R-023	Recommended Practice Human-Computer Interfaces for Space System Operations	1992	AIAA	30
130	G-043	Guide for the Preparation of Operational Concept Documents	1992	AIAA	38
131	G-035	Human Performance Measurements	1992	AIAA	166
132	G-020	Estimating and Budgeting Weight and Power Contingencies for Spacecraft Systems	1992	AIAA	14
133	G-031	Life Cycle Development of Knowledge Based Systems Using DOD-STD 2167A	1992	AIAA	35
134	G-042	Design for On-Orbit Spacecraft Servicing	1991	AIAA	411
135	S-001	Standard Terminology for Space Structures	1991	AIAA	35
136	S-017	Standard for Aerodynamic Decelerator and Parachute Drawings	1991	AIAA	58
137	SP-050	Future Air Traffic Control and Navigation Systems	1991	AIAA	165
138	G-009	Guide for Implementing Software Development Files Conforming to DOD-STD-2167A	1991	AIAA	22
139	G-003	Guide to Reference and Standard Atmosphere Models	1990	AIAA	81
140	SP-039	Future of Aerospace Standards	1990	AIAA	37
141	SP-012	1991 Earth Observations Directory: A Worldwide Listing of Government Institutions and Related Groups	1990	AIAA	176

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