

NATIONAL (DIN)



INTERNATIONAL (ISO)

# The structure of Aerospace Standardization at National, European and International levels

ASD-STAN (formerly AECMA-STAN) develops European aerospace standards itself and in liaison with the European Committee for Standardization (CEN), the European Committee for electrotechnical Standardization (CENELEC), the European Aerospace Quality Group (EAQG) and the European Co-operation on Space Standardization (ECSS).

EUROPEAN (ASD-STAN, CEN, CENELEC)

**ISO** = International Organization for Standardization **TC** = Technical Committee **SC** = Subcommittee **AA** = Working group **WG** = Working group **Darker shaded** = Secretariat DIN

STEERING COMMIT DIN STANDARDS C	OMMITTEE DIN STANDARDS COMMITTEE	ASD-STAN GENERAL ASSEMBLY	ISO/TC 20
AEROSPA		ASD-STAN BOARD	AIRCRAFT AND SPACE VEHICLES
ADVISORY AND STRATEGY GROUP OF THE DIN STANDARDS COMMITTEE AEROSPACE		ASD-STAN TECHNICAL AUTHORITY	
	ON GROUP OF THE DIN STANDARDS COMMITTEE AEROSPACE	ASD-STAN INNOVATION GROUP	
NA 131-01 FBR S NA 131-01-01 AA G NA 131-01-02 AA TO NA 131-01-03 AA O NA 131-01-04 AA U	Unmanned aircraft systems Steering Committee of the Section Unmanned Aircraft Systems General Technical Systems Operations UAS Traffic Management (UTM) Orone-Detection	WG 8 UAS Unmanned Aircraft Systems	ISO/TC 20/SC 16 Unmanned aircraft systems  AG 5 Detect And Avoid (DAA)  WG 1 General  WG 2 Product manufacturing and maintenance  WG 3 Operations and procedures  WG 4 UAS Traffic Management  WG 5 Testing and evaluation  WG 6 UAS subsystems
	Materials and processes		ISO/TC 20/SC 18 Materials
NA 131-02-02 AA A NA 131-02-03 AA E NA 131-02-04 AA S	Composite material Adhesives, core materials Elastomeric bond, density bulk Surface protection Metallic materials	WG 1 Light alloys  WG 3 Steels  WG 4 Welding/brazing  WG 5 Test methods  WG 6 Surface treatments  WG 7 Elastomers/sealants  WG 8 Composite  WG 11 Super alloy  WG 14 AM (Additive Manufacturing)  WG 15 Non Destructive Testings	WG 1 Surface treatment
	Mechanics Steering Committee of the Section Mechanics		ISO/TC 20/SC 4 Aerospace fastener systems
NA 131-03-01 AA A NA 131-03-02 AA F	Steering Committee of the Section Mechanics Aerospace fasteners Fluidic systems and components Components of mechanical systems	WG 2 Fasteners  WG 3 Hydraulics systems  WG 4 New product standards, REACH compatible  WG 5 Plastic-free packaging  WG 6 Fastener Coatings	WG 3 Supporting documents  ISO/TC 20/SC 10 Aerospace fluid systems and components  WG 1 Joint ISO/TC 20/SC 10 - ISO/TC 131/SC 7 WG: Seals and seal retainers  WG 3 Tubing and tube retaining devices  WG 6 Couplings for rigid pipe  WG 8 Hydraulic fluids and fluid contamination control
	Steering Committee Electrical, Avionics Steering Committee of the Section Electrical, Avionics	ASD-STAN DOMAIN 2 Electrical WG 1 Electrical network	WG 9 Hydraulic power and actuation equipment WG 14 Hose assemblies
NA 131-04-01 AA E NA 131-04-02 AA E NA 131-04-03 AA E NA 131-04-05 AA S NA 131-04-06 AA L NA 131-04-07 AA E NA 131-04-08 AA H NA 131-04-09 AA A	Electrical aircraft systems Electrical cables Electrical connectors Switch, relays and protection devices Lamps Electric power supply Harness components Electric systems		WG 3 Solid state remote power controllers - Performance requirements and Hybrid remote power controller - Performance requirements WG 5 Aircraft electric cables - General requirements WG 9 Aircraft circuit breakers WG 13 Characteristics of aircraft electrical systems (Revision of ISO 1540) WG 15 LED power light
NA 131-05-01 AA B	Security, quality and management processes Basic principles of management processes Air Traffic Management (ATM)	WG 12 MOAA Modular and open avionics architecture  ASD-STAN DOMAIN 7 Digital Projects  WG 1 LOTAR LOng Term Archiving and Retrieval of Digital Technical Product Data  WG 2 RFID Radio Frequency Identification  WG 3 Prognostics and Health Monitoring (PHM)  WG 4 Blockchain for Aviation (BC4A)  ASD-STAN DOMAIN 1 Program Management and System Engineering  WG 11 System definition and realization  WG 12 Programme phasing and planning	
NA 131-05-03 AA B	Basics and terminology	WG 14 Risk management WG 15 ILS and obsolescence management WG 16 RAMS (Reliability, availability, maintainability and safety)	WG 2 Flight dynamics concepts, quantities and symbols
		ASD-STAN DOMAIN 6 Quality and safety management  WG 1 EAQG European Aerospace Quality Group  WG 4 Design Organization Approval (DOA)  WG 5 Relation EN 9100 and Part 21 (step 1 DOA)  CEN/TC 377 Air Traffic Management (ATM)  WG 1 Ilnformation security in ATM	WG 1 Atmosphere from 30 to 120 km
	Space and terrestrial applications		ISO/TC 20/SC 13 Space data and information transfer systems
NA 131-06-02 AA Ir n SECTION 7 E NA 131-07-01 AA E	Environment protection, REACH	WG 1 Navigation and positioning receivers for road applications WG 2 Space Situational Awareness Monitoring WG 6 Upstream standards WG 7 Future activities in space standardization WG 8 SBAS receivers performances for Maritime applications	AG 1 Chair's Advisory Group  AG 2 Terminology Task Force  WG 1 Design engineering and production  WG 2 System requirements, verification and validation, interfaces, integration, and test  WG 3 Operations and support systems
<b>SECTION 8</b> NA 131-08-01 AA  A	Airports Air freight and ground equipment Airport infrastructure	CEN/TC 27/. Aircraft ground cupport equipment	WG 4 Space environment (natural and artificial) WG 5 Space System Program Management and Quality WG 6 Materials and processes
SECTION 9 C	Cabin and Cargo	ASD-STAN DOMAIN 12 Cabin	WG 7 Orbital Debris Working Group
NA 131-09-01 AA C NA 131-09-02 AA S NA 131-09-03 AA Ir NA 131-09-04 AA S NA 131-09-05 AA D NA 131-09-06 AA Id NA 131-09-07 AA Ti NA 131-09-08 AA B	Cabin monuments and supply systems  Geats, inflight entertainment Interior lining, floorcovering and hatracks  Goupply systems (air conditioning, air, water, waste water)  Displays, projection and lighting  deal Cabin Environment – ICE  Test procedure  Boarding Efficiency  Baggage and Cargo Space	WG 1 Seats and Inflight Entertainment WG 2 Ditching Equipment WG 3 Cabin monuments and supply systems WG 4 Displays, projection and interior lighting  CEN/TC 436 Cabin Air Quality on civil aircraft - Chemical Agents	ISO/TC 20/SC 9 Air cargo and ground equipment  ISO/TC 20/SC 17 Airport infrastructure  WG 1 Infrastructure and equipment for vertiports
NA 145-04-02-02 GAK A N NA 087-00-20 GA J. H	Additive Manufacturing - Joint working group NWT/NL/NAS: Additive manufacturing in aerospace loint working committee FSF/NL/DKE: Hyperloop systems Welding in aerospace (DVS AG A 9)	ASD-STAN DOMAIN 8 Aero engines and technologies  ASD-STAN DOMAIN 9 Environment  WG 1 Chemical substances declaration standards	

## DIN Standards Committee Aerospace

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