



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

**DIN**

DIN-Normenausschuss  
Luft- und Raumfahrt  
(NL)  
DIN Standards  
Committee Aerospace

# 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 Aerospace Quality Group (EAQG) and the European Co-operation on Space Standardization (ECSS)

ISO = International Organization for Standardization    TC = Technical Committee    SC = Subcommittee    AA = Working group    WG = Working group    Darker shaded = Secretariat DIN & ASD-STAN

## NATIONAL

### STEERING COMMITTEE UNMANNED AIRCRAFT SYSTEMS

#### GROUP OF SPONSORS OF THE DIN STANDARDS COMMITTEE AEROSPACE

#### INNOVATION GROUP OF THE DIN STANDARDS COMMITTEE AEROSPAC

SECTION 1	Unmanned aircraft systems
NA 131-01 FBR	Steering Committee of the Section Unmanned Aircraft Systems
NA 131-01-01 AA	General
NA 131-01-02 AA	Technical Systems
NA 131-01-03 AA	Operations
NA 131-01-04 AA	UAS Traffic Management (UTM)
SECTION 2	Materials and processes
NA 131-02-01 AA	Composite material
NA 131-02-02 AA	Adhesives, core materials
NA 131-02-03 AA	Elastomeric bond, density bulk
NA 131-02-04 AA	Surface protection
NA 131-02-05 AA	Metallic materials
NA 131-02-06 AA	Additive manufacturing in aerospace industry <i>(future NA 145-04-02-01 GAK)</i>
SECTION 3	Mechanics
NA 131-03-01 AA	Aerospace fasteners
NA 131-03-02 AA	Fluidic systems and components
NA 131-03-03 AA	Components of mechanical systems
SECTION 4	Steering Committee Electrical, Avionics
NA 131-04 FBR	Technical Section Board Electrical, Avionics
NA 131-04-01 AA	Electrical aircraft systems
NA 131-04-02 AA	Electrical cables
NA 131-04-03 AA	Electrical connectors
NA 131-04-05 AA	Switch, relays and protection devices
NA 131-04-06 AA	Lamps
NA 131-04-07 AA	Electric power supply
NA 131-04-08 AA	Harness components
NA 131-04-09 AA	Avionics
NA 131-04-10 AA	Fibre optic cables and components
SECTION 5	Security, quality and management processes
NA 131-05-01 AA	Basic principles of management processes
NA 131-05-02 AA	Air Traffic Management (ATM)
NA 131-05-03 AA	Basics and terminology
SECTION 6	Space and terrestrial applications
NA 131-06-01 AA	Space
NA 131-06-02 AA	Interoperability of information, communication and navigation systems
SECTION 7	Environment protection and engine technology
NA 131-07-01 AA	Environment protection, engine technology
NA 131-07-02 AA	Environment protection, REACH
SECTION 8	Airports
NA 131-08-01 AA	Air freight and ground equipment
NA 131-08-02 AA	Airport infrastructure
SECTION 9	Steering Committee Cabin
NA 131-09 FBR	Technical Section Board Cabin
NA 131-09-01 AA	Cabin monuments and supply systems
NA 131-09-02 AA	Seats, inflight-entertainment
NA 131-09-03 AA	Interior lining, floorcovering and hatracks
NA 131-09-04 AA	Supply systems (air conditioning, air, water, waste water)
NA 131-09-05 AA	Displays, projection and lighting
NA 131-09-06 AA	Ideal cabin environment – ICE
NA 131-09-07 AA	Test procedure

## EUROPEAN

### CEN/ASD-STAN

ASD-STAN DOMAIN 5	Autonomous Flying
WG 8	UAS Unmanned Aircraft Systems
ASD-STAN DOMAIN 4	Metallic and non-metallic
WG 1	Light alloys
WG 2	Titanium
WG 3	Steels
WG 4	Welding/brazing
WG 5	Test methods
WG 6	Surface treatments
WG 7	Elastomers/sealants
WG 8	Composite
WG 9	Adhesives/honeycomb
WG 11	Super alloy
WG 12	Textiles
WG 13	Ceramics
WG 14	AM (Additive Manufacturing)
WG 15	Non Destructive Testings
ASD-STAN DOMAIN 3	Mechanical
WG 1	Parts of mechanical systems
WG 2	Fasteners
WG 3	Hydraulics systems
ASD-STAN DOMAIN 2	Electrical
WG 1	Electrical network
WG 2	Cables and stripping tools
WG 3	Elements of connection (connectors, contacts, rear accessories, crimping tools)
WG 4	Relays, switches, push-buttons
WG 5	Protection devices
WG 6	Exterior and cockpit lighting
WG 7	Batteries
WG 8	Installation technologies
WG 9	Data bus systems
WG 10	Optical components
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 6	Program management
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	Information security in ATM
ASD-STAN DOMAIN 10	Space
CEN/CLC/JTC 5	Space
WG 1	Navigation and positioning receivers for road applications
WG 2	Space Situational Awareness Monitoring
WG 3	Earth observation
WG 5	Planetary Protection
WG 6	Upstream standards
WG 7	Future activities in space standardization
ASD-STAN DOMAIN 8	Aero engines and technologies
ASD-STAN DOMAIN 9	Environment
WG 1	Chemical substances declaration standards
WG 2	New product standards, REACH compatible
CEN/TC 274	Aircraft ground support equipment
WG 1	Working Group Revision
ASD-STAN DOMAIN 12	Cabin
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

## INTERNATIONAL

### ISO/TC 20 AIRCRAFT AND SPACE VEHICLES

ISO/TC 20/SC 16	Unmanned aircraft systems
WG 1	General
WG 2	Product manufacturing and maintenance
WG 3	Operations and procedures
WG 4	UAS Traffic Management
ISO/TC 20/SC 18	Materials
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
WG 9	Hydraulic power and actuation equipment
WG 14	Hose assemblies
ISO/TC 20/SC 4	Aerospace fastener systems
WG 1	Threaded fasteners
WG 2	Non Threaded Fasteners
WG 3	Supporting documents
ISO/TC 20/SC 1	Aerospace electrical requirements
WG 1	Aerospace vehicle interconnection installation practices
WG 3	Solid state remote power controllers - Performance requirements and Hybrid remote power controller - Performance requirements
WG 5	Aircraft electric cables - General requirements
WG 8	Heat shrinkable products
WG 10	Elements of connection
WG 13	Characteristics of aircraft electrical systems (Revision of ISO 1540)
WG 15	LED power light
ISO/TC 20/SC 6	Standard atmosphere
WG 1	Atmosphere from 30 to 120 km
ISO/TC 20/SC 8	Aerospace terminology
ISO/TC 20/SC 13	Space data and information transfer systems
ISO/TC 20/SC 14	Space systems and operations
WG 1	Design engineering and production
WG 2	Interfaces, integration and test
WG 3	Operations and ground support
WG 4	Space environment (natural and artificial)
WG 5	Space System Program Management and Quality
WG 6	Materials and processes
WG 7	Orbital Debris Working Group
ISO/TC 20/SC 9	Air cargo and ground equipment
ISO/TC 20/SC 17	Airport infrastructure

→ [www.din.de/go/nl-en](http://www.din.de/go/nl-en)



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