

# Abkürzungsverzeichnis

A	Ampère
A	Autotuned Navaid
A/C	Aircraft
AAC	Aeronautical Administration Communications
AAC	Airline Administrative Communications
AC	Advisory Circular
AC	Alternating Current, Wechselstrom
ACARS	Aircraft Communications Addressing and Reporting System
ACAS	Airborne Collision Avoidance System
ACC	Area Control Center
ACE	Actuator Control Electronic
ACG	Austro Control (Österreichische Gesellschaft für Zivilluftfahrt)
ACMS	Aircraft Condition Monitoring System
ACU	Autopilot Control Unit
ACU	Antenna Control Unit
ADAHRS	Air Data Attitude Heading Reference System
ADC	Air Data Computer
ADF	Automatic Direction Finding
ADI	Attitude Direction Indicator
ADIRS	Air Data Inertial Reference System
ADL	Aeronautical Data Link
ADLP	Aircraft Data Link Processor
ADLP	Airborne Data Link Protocol
ADS	Automatic Dependent Surveillance
ADS-A	Automatic Dependent Surveillance – Addressed
ADS-B	Automatic Dependent Surveillance – Broadcast
AEEC	Airlines Electronic Engineering Committee
AES	Aircraft Earth Station
AFC	Automatic Frequency Control
AFCAS	Automatic Flight Control Augmentation System
AFCS	Automatic Flight Control System
AFDX	Avionics Full-Duplex Switched Ethernet
AFTM	Air Traffic Flow Management
AFTN	Aeronautical Fixed Telecommunications Network
A/G	Air/Ground, Air to Ground
AGC	Automatic Gain Control
AHRS	Attitude Heading Reference System

AIP	Aeronautical Information Publication
AIS	Aeronautical Information Service
ALTM	Altimeter
AM	Amplitude Modulation, Amplitudenmodulation
AMASS	Airport Movement Area Safety System
AMC	Avionics Maintenance Conference
AMCP	Aeronautical Mobile Communications Panel
AMS(R)S	Aeronautical Mobile Satellite (Route) Service
AMSS	Aeronautical Mobile Satellite Service
ANC	Air Navigation Commission
ANSI	American National Standards Institute
ANS	Air Navigation Service
ANSP	Air Navigation Service Provider
AOA	ACARS over AVLC
AOA	Angle of Attack
AOC	Airline Operational Control
AOC	Airline Operations Center
AOM	Aircraft Operating Manual
A/P	Autopilot
AP/FD	Autopilot/Flight Director
APPR	Approach
APU	Auxiliary Power Unit
ARINC	Aeronautical Radio, Inc.
ARTAS	ATM Surveillance Tracker and Server System
A/S	Airspeed
ASCII	American Standard Code for Information Interchange
ASDL	Aeronautical Satellite Data Link
ASDR	Airport Surface Detection Radar
ASM	Air Space Management
A-SMGCS	Advanced Surface Movement Guidance and Control System
ASR	Airport Surveillance Radar
A/T	Autothrottle
ATA	Air Transport Association of America
ATC	Air Traffic Control
ATS	Air Traffic Service
ATCRBS	ATC Radar Beacon System
ATIS	Airport Traffic/Automatic Terminal Information System
ATM	Air Traffic Management
ATM	Asynchronous Transfer Mode
ATR	Air Transport Racking
ATS	Air Traffic Services
ATSP	Air Traffic Service Provider
AUX	Auxiliary
AVLC	Aviation VHF Link Control
AVN	Avionics
AWG	American Wire Gauge
BAZL	Bundesamt für Zivilluftfahrt
BER	Bit Error Rate
BFO	Beat Frequency Oscillator
Bit	Binary Digit
BITE	Built-in Test Equipment
BNR	Binary
BOC	Binary Offset Coding
bps	Bits per Second

BPSK	Binary Phase Shift Keying, binäre Phasenumtastung
BTB	Bus Tie Breaker
CAA	Civil Aviation Authority
C&C	Command and Control
C/A-Code	(GPS) Course/Acquisition-Code
CAS	Collision Avoidance System
CAS	Computed Airspeed
CAT	Categories (I, II, IIIa/b/c) Approach
CCITT	Consultative Committee International Telephone and Telegraph
CDI	Course Deviation Indicator
CDR	Critical Design Review
CDU	Control Display Unit
CEPT	Conférence Européenne des Postes et Télécommunications
CFDIU	Centralized Fault Display Interface Unit
CFMU	Central Flow Management Unit
CIDS	Cabin Interphone Distribution System
CMC	Central Maintenance Computer
CMM	Component Maintenance Manual
CMOS	Complementary Metal Oxide Semiconductor
CMU	Communication Management Unit
CNS	Communications, Navigation, Surveillance
CNS/ATM	Communications, Navigation, Surveillance/Air Traffic Management
CODEC	Coder/Decoder
COM	Communications
COMM	Communications
COTS	Commercial-off-the-Shelf
CPC	Controller-Pilot Communications
CPDLC	Controller-Pilot Data/Digital Link Communications
CPU	Central Processing Unit
CRC	Cyclic Redundancy Checking/Code
CS	Certification Specification
CSD	Constant Speed Drive
CSMA	Carrier Sense Multiple Access
CSMA/CD	Carrier Sense Multiple Access with Collision Detection
CSDB	Commercial Standard Data Bus
CTA	Control Area
CTS	Clear to Send
CVR	Cockpit Voice Recorder
CW	Continuous Wave
CWP	Controller Working Position
D8PSK	Differential 8-Phase Shift Keying
DADC	Digital Air Data Computer
DAR	Data Access Recorder
dB	Decibel
dB <sub>i</sub>	dB-isotrop, dB mit isotroper Antenne als Bezug
dB <sub>m</sub>	dB-Milliwatt, dB mit 1 Milliwatt als Bezug
dBW	dB-Watt, dB mit 1 Watt als Bezug
DC	Direct Current, Gleichstrom
DCE	Data Communications Equipment
DCS	Data Communication System
DDM	Difference in Depth of Modulation
DFDR	Digital Flight Data Recorder
DFS	Deutsche Flugsicherung GmbH
DGNSS	Differential GNSS

DGPS	Differential GPS
DH	Decision Height
DITS	Data Information Transfer System
DL	Data Link
DLE	Data Link Entity
DME	Distance Measuring Equipment
DME/N	DME (mit schmalbandiger Frequenzcharakteristik)
DME/P	Präzisions-DME
DoD	U.S. Department of Defense
DoT	U.S. Department of Transportation
DPSK	Differential Phase Shift Keying
DSB	Double Side Band
DSB-AM	Zweiseitenband-AM mit Träger
DTE	Data Terminal Equipment
EASA	European Aviation Safety Agency, Europäische Agentur für Flugsicherheit
EATCHIP	European Air Traffic Control Harmonization and Integration Programme
EATMP	European Air Traffic Management Programme
EATMS	European Air Traffic Management System
ECAC	European Civil Aviation Conference
ECAM	Electronic Central Aircraft Monitoring
ECEF	Earth-centered, Earth-fixed
EDA	Electronic Design Automation
EFB	Electronic Flight Bag
EFIS	Electronic Flight Instrument System
EGNOS	European Geostationary Overlay System
EGPWS	Enhanced Ground Proximity Warning System
EHA	Electro-hydrostatic Actuator
EHV	Electro-hydraulic Valve
EICAS	Engine Indication and Crew Alert System
EIRP	Equivalent Isotropic Radiated Power
ELMS	Electrical Load Management System
ELT	Emergency Locator Transmitter
EM	Electromagnetic
EMA	Electromechanical Actuator
EMC	Electromagnetic Compatibility
EMI	Electromagnetic Interference
ESA	European Space Agency
ESD	Electrostatic Discharge
ESARR	EUROCONTROL Safety Regulatory Requirement
ETSO	European Technical Standard Order
EUROCAE	European Organization for Civil Aviation Equipment
EUROCONTROL	European Organisation for the Safety of Air Navigation
FA	Final Approach
FAA	Federal Aviation Administration
FADEC	Full Authority Digital Engine Control
FANS	Future Air Navigation System
FAR	Federal Aviation Regulation
FBL	Fly By Light
FBW	Fly By Wire
FCC	Flight Control Computer
FCC	Federal Communications Commission
FCS	Flight Control System
FCU	Flight Control Unit
FD	Flight Director

FDDI	Fiber Distribution Data Interface
FDM	Frequency Division Multiplex
FDMA	Frequency Division Multiple Access
FDR	Flight Data Recorder
FEC	Forward Error Correction
FHA	Functional Hazard Assessment
FIR	Flight Information Region
FIS	Flight Information Services
FL	Flight Level
FM	Frequency Modulation, Frequenzmodulation
FMC	Flight Management Computer
FMCW	Frequency Modulated Continuous Wave
FMEA	Failure Mode and Effects Analysis
FMS	Flight Management System
F/O	First Officer
FOG	Fiber Optic Gyro
FRP	Federal Radionavigation Plan
ft	feet, Fuß
FTE	Flight Technical Error
G/A	Ground/Air, Ground-to-Air
GA	General Aviation
GaAs	Gallium Arsenide
GBAS	Ground-based Augmentation System
GCB	Generator Circuit Breaker
GCS	Ground Control Station, Bodenkontrollstation
GCU	Generator Control Unit
GDOP	Geometric Dilution of Precision
GFSK	Gaussian Frequency Shift Keying
G/G	Ground/Ground, Ground-to-Ground
GHz	Gigahertz
GLONASS	Global Navigation Satellite System
GND	Ground
GNSS	Global Navigation Satellite System
GPS	Navstar-Global Positioning System
GPU	Ground Power Unit
GPWS	Ground Proximity Warning System
GS	Ground Speed
G/S	Glideslope
HDG	Heading
HDOP	Horizontal Dilution of Precision
HF	High Frequency
HFDL	High Frequency Data Link
HIRF	High Intensity Radiated Field
HOW	Hand-over Word
hPa	Hektopascal
HSI	Horizontal Situation Indicator
HUD	Head-up Display
Hz	Hertz
IAS	Indicated Airspeed
IATA	International Air Transport Association
IC	Integrated Circuit
ICAO	International Civil Aviation Organization, Internationale Zivilluftfahrtorganisation
IDG	Integrated Drive Generator

IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
IF	Intermediate Frequency
IFE	In-flight Entertainment
IFR	Instrument Flight Rules
ILS	Instrument Landing System
IMA	Integrated Modular Avionics
INMARSAT	International Maritime Satellite Organization
INS	Inertial Navigation System
IOC	Initial Operating Capability
ILS	Instrument Landing System
IMU	Inertial Measurement Unit
INS	Inertial Navigation System
IP	Internet Protocol
IR	Infrared
IRS	Inertial Reference System
ISO	International Standards Organization
ITU	International Telecommunications Union
JAA	Joint Aviation Authorities
JAR	Joint Airworthiness Requirement
kbps	Kilobits pro Sekunde
kHz	Kilohertz
kn, knts	knots, Knoten
kVA	Kilovolt-Ampère
KW	Kilowatt
LAAS	Local Area Augmentation System
LAN	Local Area Network
LBA	Luftfahrt-Bundesamt
LCD	Liquid Crystal Display
LED	Light-emitting Diode
LEO	Low Earth Orbiting
LF	Low Frequency
LME	Link Management Entity
LNA	Low-noise Amplifier
LOC	Localizer
LORAN	Long-range Air Navigation
LOS	Line of Sight
LRM	Line Replaceable Module
LRU	Line Replaceable Unit
LSB	Least Significant Bit
LSB	Lower Sideband
M	Mach-Zahl
MAC	Medium Access Controller
MAN	Metropolitan Area Network
MASPS	Minimum Aviation System Performance Standards
MAV	Micro Air Vehicle
MAX	Maximum
MB	Marker Beacon
MCDU	Multifunctional Control Display Unit
MCU	Modular Concept Unit
MCP	Mode Control Panel
MET	Meteorologie
METAR	Meteorological Aviation Routine Weather Report
MF	Medium Frequency

MHz	Megahertz
MIC	Mikrofon
Mil-HDBK	Military Handbook
Mil-STD	Military Standard
MKR	Marker
MLS	Microwave Landing System
MMIC	Monolithic Microwave Integrated Circuit
MODEM	Modulator/Demodulator
MOPR	Minimum Operational Performance Requirements
MOPS	Minimum Operational Performance Standards
MOS	Metal Oxide Semiconductor
MSB	Most Significant Bit
MSK	Minimum Shift Keying
MSL	Mean Sea Level
MTBF	Mean Time Between Failures
MTI	Moving Target Indicator
MTOW	Maximum Take-off Weight
MTTF	Mean Time to Failure
MTTR	Mean Time to Repair
MUX	Multiplexer
N/A	Not applicable
NACA	National Advisory Committee for Aeronautics
NASA	National Aeronautics and Space Administration
NAV	Navigation
NAVAID	Navigational Aid
ND	Navigation Display
NDB	Non-directional Radio Beacon
NEXCOM	Next Generation Air/Ground Communications System
NIST	National Institute of Standards and Technology
NM	Nautische Meile
NOTAM	Notice to Airmen
NRZ	Non-return to Zero
OAT	Outside Air Temperature
OBS	Omnibearing Selector
OEM	Original Equipment Manufacturer
OFDM	Orthogonal Frequency Division Multiplexing
OM	Outer Marker
OOOI	Out, Off, On, In
OPS	Operations
OS	Operating System, Betriebssystem
OSI	Open Systems Interface
PA	Power Amplifier
PAM	Pulse Amplitude Modulation
PAR	Precision Approach Radar
P-Code	(GPS) Precision Code
PCB	Printed Circuit Board
PCC	Pilot Controller Communication
PCI	Peripheral Component Interface
PCM	Pulse Code Modulation
P-DME	Precision-DME
PDN	Public Data Network
PDOP	Position Dilution of Precision
PEP	Peak Envelope Power
PFC	Primary Flight Computer

PFD	Primary Flight Display
PHY	Physical
PM	Phase Modulation, Phasenmodulation
PMC	PCI Mezzanine Card
POTS	Plain Old Telephone System
PPDU	Physical Layer Protocol Data Unit
PPI	Planar Position Indicator
PPM	Parts per Million
PPS	Precise Positioning Service
PRF	Pulse Repetition Frequency
PRI	Pulse Repetition Interval
PRN	Pseudo Random Noise
PSTN	Public Switched Telephone Network
PTT	Push-to-Talk
PVT	Position, Velocity, Time
PWM	Pulse Width Modulation
QAM	Quadratur Amplitude Modulation
QAR	Quick Access Recorder
QOS	Quality of Service
RAIM	Receiver Autonomous Integrity Monitoring
RALT	Radar Altimeter
RAT	Ram Air Turbine
RCP	Radio Control Panel
RDP	Radar Data Processing
REQ	Request
RF	Radio Frequency
RGB	Red Green Blue
RMI	Radio Magnetic Indicator
RMP	Radio Management Panel
RNAV	Area Navigation
RNP	Required Navigational Performance
RTCA	Radio Technical Commission for Aeronautics
RTOS	Real-time Operating System
RTS	Request-to-Send
RVR	Runway Visual Range
RX	Receiver
SA	Selective Availability
SAE	Society of Automotive Engineers
SAR	Search-and-Rescue
SARP	Standard and Recommended Practise
SATCOM	Satellite Communications
SATNAV	Satellite Navigation
SBAS	Satellite-based Augmentation System
SBC	Single Board Computer
SDI	Source Destination Identifier
SDR	System Design Review
SELCAL	Selective Calling
SID	Standard Instrument Departure Route
SIGMET	Significant Meteorological Phenomena
SITA	Société Internationale de Télécommunications Aéronautiques
SLA	Service Level Agreement
SMD	Surface Mount Device
SMGCS	Surface Movement Guidance and Control Systems
SPS	Standard Positioning Service



SSB	Single Side Band
SSR	Secondary Surveillance Radar
STANAG	Standardization Agreement
STAR	Standard (Terminal) Arrival Route
STD	Standard
STDMA	Synchronized Time Division Multiple Access
STP	Shielded Twisted Pair
SW	Software
TA	Traffic Advisory
TA	Transition Altitude
TACAN	Tactical Air Navigation
TAF	Terminal Aerodrome Forecast
TAWS	Terrain Awareness and Warning System
TCA	Terminal Control Area
TCAS	Traffic Alert Collision Avoidance System
TCP/IP	Transmission Control Protocol/Internet protocol
TCS	Tower Communications System
TDM	Time Division Multiplex
TDMA	Time Division Multiple Access
TIS	Traffic Information Service
TRL	Transition Level
TSO	Technical Standard Order
TWR	Tower
TX	Transmit
UART	Universal Asynchronous Receiver Transmitter
UAT	Universal Access Transceiver
UAV	Unmanned Aerial Vehicle
UAS	Unmanned Aerial System
UHF	Ultra High Frequency
UIR	Upper Information Region
UTA	Upper Control Area
UTC	Universal Time Coordinated
UTP	Unshielded Twisted Pair
V	Volt
V/S	Vertical Speed
VCS	Voice Communication System
VDL	VHF Data Link
VDL2	VDL Mode 2
VDL3	VDL Mode 3
VDL4	VDL Mode 4
VDR	VHF data radio
VFR	Visual Flight Rules
VHF	Very High Frequency
VOR	VHF Omnidirectional (Radio) Range
VPN	Virtual Private Network
VTOL	Vertical Takeoff and Landing
WAAS	Wide Area Augmentation System
WAN	Wide Area Network
WGS	World Geodetic System
WPT	Waypoint
WSR	Weather Surveillance Radar
WXR	Weather Radar
XPDR	Transponder

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