

Avionics – List of Acronyms

ATS	Air traffic Services
ACARS	Aircraft Communication Addressing and Reporting System
ACAS	Airborne Collision avoidance system
ACC	Area Control Centre
ACID	Aircraft Identification Code
ADC	Air Data Computer
ADF	Automatic Direction Finder
ADI	Attitude Director Indicator
ADS – B	Automatic Dependent Surveillance – Broadcast
ADS – C	Automatic Dependent Surveillance – Contract
ADT	Attitude Director Indicator
AFCS	Automatic Flight Control System
AFS	Aeronautical Fixed Service
AFTN	Aeronautical Fixed Telecommunications Network
AHRS	Attitude and Heading Reference System
AI	Arrival Information
AL	Alerting Service
AM	Amplitude Modulation
ANS	Air Navigation System
AOM	Aircraft Operation Manual
APP	Approach/descent Control
ASAS	Airborne Separation Assurance System
ASDE	Airport Surface Detection Equipment
ASM	Air Space Management
ATC	Air Traffic Control
ATFM	Air traffic flow management
ATIS	Automatic Terminal Information Service
ATM	Air traffic Management
ATN	Aeronautical Telecommunication Network
CAS	Calibrated Airspeed
CATM	Collaborative ATM
CDU	Command Display Unit
CEP	Circular Error Probability
CNS	Communication Navigation and Surveillance
COP	Change over Point
CPA	Closest Point of Approach
CRT	Cathode Ray Tubes
CSB	Carrier and side bands
CTA	Control Area
CTR	Control zone
CVOR	Conventional VOR
DADC	Digital Airborne Air data Computer
DGU	Directional Gyro Unit
DH	Decision Height
DI	Departure Information
DI	Direction Indicator
DME	Distance Measuring Equipment
DR	Dead Reckoning
DTG	Distance to Go

DVOR	Doppler VOR
EAS	Equivalent Airspeed
ECEF	Earth Centered Earth Fixed
ECI	Earth Centered Inertial
EFIS	Electronic Flight Instrument System
EGNOS	European Geostationary Navigation Overlay Service
EHF	Extreme High Frequency
EICAS	Engine Indicating and Crew Alerting System
ETA	Estimated time of Arrival
EV	Enhanced Vision
FAA	Federal Aviation Administration
FANS	Future Air Navigation System
FCC	Flight Control Computer
FD	Flight Director
FDSU	Flight Data Storage Unit
FIO	Flight information Office
FIR	Flight Information Region
FIS	Flight information Service
FM	Frequency Modulation
FMC	Flight Management Computer
FMS	Flight Management System
FOG	Fibre Optic Gyro
FTE	Flight Technical Error
GDOP	Geometric Dilution of Precision
GNSS	Global Navigation Satellite System
GPS	Global Positioning System
HD	High Density (airports)
HF	High Frequency
HOW	Hand over Word
HSI	Horizontal Situation Indicator
HUD	Head-up Display
IAF	Initial Approach Fix
IAS	Indicated Airspeed
ICAO	International Civil Aviation Organization
IFR	Instrument Flight Rules
ILS	Instrument Landing System
IMC	Instrument Meteorological Conditions
INS	Inertial Navigation System
ISA	International Standard Atmosphere
IVSI	Instantaneous Vertical Speed Indicator
LAAS	Local Area Augmentation System
LAR	Long-range Air-route Surveillance Radar
LCD	Liquid Crystal Displays
LF	Low Frequency
LNAV	Lateral Navigation
LOP	Line of Position
MCP	Mode Control Panel
MF	Medium Frequency
MFD	Multifunctional Displays
MLS	Microwave Landing System
MN	Magnetic North
MS	Magnetic South
MSL	Mean Sea Level
ND	Navigation Display
NDV	Non-Directional Beacon

NSE	Navigation System Error
OBS	Omni-Bearing Selector
OSI	Open System Interconnection
PM	Pulse Modulation
PPS	Pule Repeat Frequency
PR	Primary Radar
PRN	Pseudo Random Noise
PRT	Pulse Repeat Time
PW	Pulse Width
RA	Resolution Advisory
RAAS	Regional Area Augmentation System
RADAR	Radio Detection and Ranging
RAIM	Receive Autonomous Integrity Monitoring
RIG	Rate Integrated Gyro
RLG	Ring Laser Gyro
RMI	Radio Magnetic Indicator
RNAV	Area Navigation / Random Navigation
RNP	Required Navigation Performance
RT	Rest Time
RVR	Runway Visual Range
RVSM	Reduced Vertical Separation minimum
SAT	Static Air Temperature
SBO	Side bands only
SDF	Single Degree of Freedom
SHF	Super High Frequency
SID	Standard Instrument Departure
SSR	Secondary Surveillance Radar
STAR	Standard Terminal Arrival Route
SVS	Synthetic Vision System
SWIM	System Wide Information Management
TA	Traffic Advisory
TACAN	Tactical Air Navigation
TAR	Terminal Area Surveillance Radar
TAS	True Airspeed
TAT	Total Air Temperature
TBO	Trajectory Based Operations
TCAS	Traffic Collision Avoidance System
TCC	Thrust Control Computer
TDF	Two Degree of Freedom
TMA	Terminal Control Area
TOW	Time of week
TRSB	Time-reference scanning beam
TSE	Total System Error
TWR	Tower Control
UHF	Ultra High Frequency
UTA	Upper Control Area
VFR	Visual Flight Rules
VGU	Vertical Gyro Unit
VHF	Very High Frequency
VLF	Very Low Frequency
VMC	Visual Meteorological Conditions
VNAN	Vertical Navigation
VOR	VHF Omnidirectional Beacon
WAAS	Wide Area Augmentation System
WGS	World Geodetic System