# Avionics – List of Acronyms

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| 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 |