



AAA

# All Aviation Abbreviations

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**AAA All Aviation Abbreviations**

**1 PPS** : One Pulse Per Second  
**1 :1** : One-to-one relationship  
**1 :M** : One-to-Many relationship  
**16PF** : Sixteen Personality Factor Questionnaire  
**2D** : Two Dimensional  
**3D** : Three Dimensional  
**3D** : Palair Macedonian (airline)  
**4D** : Four Dimensional  
**4D FMS** : 4D Flight Management System  
**4D-NAV** : 4D Navigation  
**4DTN** : 4D Trajectory Negotiation  
**4-MASt** : 4-MAST group  
**5LNC** : Five Letter Name Code  
**5-ST-RSG** : 5-States Route Structure Group  
**5-STRSSG** : 5-States Route Structure Steering Group  
**5-SRSWG** : 5-States Route Structure Working Group  
**8.33 CP** : 8.33 Contact Person  
**8.33 PMC** : 8.33 Programme Management Cell  
**8.33 State** : A State initially implementing 8.33 kHz channel spacing

-A-

**A** : Amber  
**A** : Ampere  
**A** : At or Above (constrained altitude)  
**A** : Autotuned NAVAI  
**A** : Austria  
**A SMGCS** : Advanced Surface Movement Guidance and Control Systems  
**A/A** : Air/Air  
**A/C, a/c** : Aircraft  
**A/D** : Analog-to-Digital  
**A/D Converter** : Analogue-to Digital Converter  
**A/G** : Air-Ground  
**A/I** : Accident(s)/Incident(s)  
**A/I** : Anti-ice  
**A/L** : Auto Land  
**A/P** : Autopilot  
**A/T** : Autothrottle  
**AA** : American  
**AA** : Approved agency  
**AAA** : Advanced ATC System Amsterdam  
**AAA** : Asian Airlines Association  
**AAA** : (or AAB, AAC...etc., in sequence) Amended meteorological message (message type designator)  
**AAATS** : Australian Advanced Air Traffic Services  
**AAC** : Alpha Attenuation Coefficient  
**AAC** : Aeronautical Administration Communication (a class of communication which supports administrative communication)  
**AAC** : Airline Administrative Communication  
**AACC** : Airport Associations Co-ordinating Council  
**AACE** : Airfield Approach Control Element  
**AACI** : Airports Association Council International  
**AACO** : Arab Air Carriers Organisation  
**AAD** : Assigned Altitude Deviation  
**AAF** : ATM Added Functions  
**AAFCE** : Allied Air Forces Central Europe  
**AAFG** : ATM Added Functionality Sub-Group  
**AAG** : AIS Automation Group  
**AAGDI / AGADE** : Automated Air/Ground Data Interchange  
**AAH** : Autonomous Aircraft Hybrid  
**AAIB** : Air Accident Investigation Branch (UK equivalent of NTSB)  
**AAIM** : Aircraft Autonomous Integrity Monitoring  
**AAIS** : Automated AIS  
**AAL** : Above Aerodrome level  
**AALS** : Advanced Approach and Landing System  
**AAM** : Airbus Asset Management  
**AAM** : Airline Administration Message

**AAME** : Association of Aviation Medical Examiners  
**AAP** : Advanced Automation Program  
**AAPA** : Association of Asia Pacific Airlines  
**AAR** : Airport Acceptance Rate or Airport Arrival Rate  
**AAR** : Air-to-Air Refuelling  
**AAS** : Advanced Automation System (the end systems for all FAA air traffic control, located at the ARTCCs)  
**AASA** : Air Lines Association of Southern Africa  
**AASC** : Airport Authorities Steering Committee  
**AASI** : Aeronautical Applications Service Interface  
**AASR** : Airways and Airport Surveillance Radar  
**AAT** : Alpha Attenuation Test  
**AATF** : Airworthiness Assurance Task Force  
**AATMS** : Advanced Air Traffic Management System  
**AATT** : Advanced Aviation Transportation Technology  
**AAUI** : Aeronautical Applications User Interface  
**AB** : Action Button (mouse)  
**ABAS** : Aircraft-based Augmentation System  
**ABC** : ATC Bypass Complex  
**ABET** : Airspace Behavioural Engineering Technology  
**ABFG** : ATM Basic Functions Sub-Group  
**ABI** : Advance Boundary Information  
**ABM** : Abeam  
**ABN** : Aerodrome Airport Beacon  
**ABPSK** : Aviation Binary Phase Shift Keying  
**ABT** : About  
**ABV** : Above  
**AC** : Air Canada  
**AC** : Alternating Current  
**AC** : Altocumulus  
**AC** : Assessment Centre  
**AC** : Assistant Controller  
**AC** : Advisory Circular  
**ACA** : Air Traffic Centre Architecture  
**ACA** : Airport Co-ordinators Association  
**ACA** : Airspace Control Activity  
**ACA** : AUP / UUP Composition application (software)  
**ACA** : Austrian Cockpit Association  
**ACAC** : Arab Civil Aviation Council  
**Acad** : Academic establishments  
**ACAD** : Auto Computer Aided Design (Operator-Input + Display System)  
**ACAG** : Airspace Co-ordination Agencies  
**ACAM** : Airport Capacity Airside Modelling  
**ACAMS** : Aircraft Condition Analysis and Management System  
**ACARS** : Aircraft Communications, Addressing and Reporting System  
**ACARS** : ARINC communications and address reporting system (digital communications system used primarily for aircraft-to-airline messages)  
**ACARS MU** : ACARS Management Unit  
**ACAS** : Airborne Collision Avoidance System  
**ACAS I** : Aircraft Collision Avoidance System Version 1  
**ACAS II** : Aircraft Collision Avoidance System Version 2  
**ACAS III** : Aircraft Collision Avoidance System Version 3  
**ACASA** : ACAS Analysis  
**ACATF** : ATC Centre Communications Architecture Task Force  
**ACB** : Aeroclub  
**ACC** : Area Control Centre  
**ACC Controller** : Area Controller  
**ACC Loop** : Anticipation-Action-Comparison Loop  
**ACCA** : Air Charters Carriers Association  
**ACCC** : Australian Competition and Consumer Commission  
**ACCEL** : Accelerate  
**ACCESS** : Aircraft Control Console for Experiments and Simulations Studies  
**ACCID** : Notification of an aircraft accident  
**ACC-PC** : ACC Planning Controller  
**ACCS** : Air Command and Control System  
**ACC-TC** : ACC Tactical Controller  
**ACCUM** : Accumulate

**ACDAC** : Asociacion Colombiana de Aviadores Civiles  
**ACDMD** : Air Collaborative Decision Making Demonstrator  
**ACE** : Allied Command Europe  
**ACE** : Altimeter Control Equipment  
**ACE** : ATC Communications Environment  
**ACF** : Area Control Facility. See [ACC](#) or [ARTC](#)  
**ACFS** : Advanced Concepts Flight Simulator (a generic "glass cockpit")  
**ACFT** : Aircraft  
**ACG** : Advanced ATS Concept Group  
**ACG** : Advanced Concept Group  
**ACG** : ATN/CNS Consultation Group  
**ACG** : ATS System Concept Working Group  
**ACG** : Austro Control GmbH  
**ACH** : ATC Flight Plan Change Message  
**ACH** : ATC Flight Plan Change  
**ACI** : Airports Council International  
**ACI** : Area of Common Interest  
**ACID** : Aircraft Identification (ICAO)  
**ACIPLA** : Asociacion Civil de Pilotos de Lineas Aereas (Uruguay)  
**ACK** : Acknowledge(ment) message  
**ACL** : Altimeter Check Location  
**ACL** : ATC Clearances  
**ACM** : Acceptance of (Radar) Co-ordination Message  
**ACM** : Acceptable Means of Compliance  
**ACM** : Airspace Control Measures  
**ACM** : ATC Communication Management  
**ACMS** : Aircraft Condition Monitoring System  
**ACN** : Aircraft Classification Number  
**ACN** : Airspace Co-ordination Notification  
**ACN** : Austrian Communication Network  
**ACNZ** : Airways Corporation of New Zealand  
**ACO** : Airspace Co-ordination Order  
**ACOD** : Area Conflict Detection  
**ACP** : Accept Message  
**ACP** : Acceptance Message  
**ACP** : African, Caribbean and Pacific States  
**ACP** : Aircraft Control Position (window)  
**ACP** : Airspace Control Plan  
**ACP** : Airspace Crossing Acceptance Message  
**ACP** : Allied Communications Publication  
**ACP** : Azimuth Change/Count Pulses  
**ACP** : Area Control Procedural  
**ACPO** : Aircraft Position Operator  
**ACPSC** : Advisory Committee on Procurement and Sales Contracts (Eurocontrol/DF)  
**ACPT** : Accept or Accepted  
**ACR** : Air Carrier  
**ACR** : Atlantic Co-ordinated Route  
**ACRPWG** : Aircraft Crash Recovery Procedures Working Group  
**ACS** : Advanced Communication System  
**ACS** : Airspace Control System  
**ACS** : Area Control Surveillance  
**ACSA** : Allied Communications Security Agency  
**ACSE** : Application Control Service Element  
**ACT** : Active  
**ACT** : Activation message designator  
**ACT** : ATC Activation message  
**ACT/LAM** : Activation Message / Logical Acknowledgement Message  
**ACTF** : Aeronautical Charting Task Force  
**ACU** : Airspace / Antenna Control Unit. See [BSU](#)  
**AD** : Administrative Domain (ENOC)  
**AD** : Aerodrome  
**AD** : Air Defence  
**AD** : Airworthiness Directive  
**AD** : CFMU/FDOD - Airspace Data Section  
**ADA** : Advisory Area  
**ADAGES** : Action Plan Definition on the Basis of Architecture studies from GAAS for EATMS  
**ADAP** : Automated Downlink of Airborne Parameters  
**ADAPT** : ATS Data Acquisition, Processing and Transfer Panel (ICAO)  
**ADC** : Air Defence Centre / Command  
**ADC** : Air Data Computer  
**ADC** : Analog to Digital Converter  
**ADCA** : Air Defence Classification Area  
**ADCE** : Aircraft Data Circuit-Terminating Equipment  
**ADCP** : Air Defence Command Post  
**ADD** : Architectural Design Document  
**ADD** : Average Delay per Delayed Flight  
**ADDI** : Automated Digital Data Interchange (ICAO)  
**ADDN** : Addition or Additional  
**ADDR** : Address  
**ADE** : Air Defence Element  
**ADE** : Autonomous Display Equipment  
**ADEG** : ATS Data Exchange Group  
**ADEP** : Aerodrome of Departure  
**ADES** : Aerodrome of Destination  
**ADEXA** : Air Defence Exercise Area  
**ADEXP** : ATS Data Exchange Presentation (message format used for IFPS) ; ATS Data Exchange Program Format  
**ADF** : Automatic Direction Finder  
**ADFL** : Augmented Dynamic Flight Leg  
**ADIRS** : Air Data Inertial Reference System  
**ADGE** : Air Defence Ground Environment  
**ADJ** : Adjacent  
**ADI** : Aerodrome Control Instrument  
**ADI** : Attitude Director Indicator  
**ADI** : Attitude Display Indicator  
**ADIDS** : Advanced Data & Image Distribution System (CCTV Application)  
**ADIRS** : Air Data Inertial Reference System  
**ADIRU** : Air Data Inertial Reference Unit  
**ADIS** : Automatic dependent surveillance and Data Link Interim System  
**ADIS** : Automatic dependent surveillance and Data Link Interim System  
**ADIS (P)** : Automated Data Interchange System (Panel) - ICAO  
**ADIZ** : Air Defence Identification Zone  
**ADLP** : Aircraft Data Link Processor (the Mode S subnetwork function onboard the aircraft that implements the OSI network layer protocols)  
**ADM** : Administrative / Administration  
**ADM** : Aeronautical Decision Making  
**ADM** : Average Delay per Movement  
**ADM** : Airborne Data Bus  
**ADM** : Air Data Module  
**ADMA** : Aviation Distributors and Manufacturers Association  
**ADMD** : Airspace Data Management & Distribution  
**ADNC** : Air Defence Notification Centre (GR)  
**ADNS** : Aeronautical Radio Incorporated Data Network Service  
**ADOC** : Air Defence Operations Centre  
**ADOLT** : Air Defence Liaison Team  
**ADORA** : Analysis and Definition of the Operational Requirements for ATM  
**ADP** : Activity Predictor Display  
**ADP** : ATFM Daily Plan  
**ADP** : Automated Data Processing or Auxiliary Data Processing  
**ADPG** : ATM Data Processing Sub-Group  
**ADR** : Advisory Route  
**ADR** : Air Data Reference  
**ADR** : Airfield Damage Repair  
**ADR** : Average Delay per Regulated Flight  
**ADREP** : Accident/Incident Reporting System  
**ADRS** : Air Defence Radar Site  
**ADS** : Air Data System  
**ADS** : Automatic Dependent Surveillance  
**ADS-A** : Automatic Dependent Surveillance-Addressed  
**ADS-B** : Automatic Dependent Surveillance-Broadcast  
**ADS-C** : Automatic Dependent Surveillance-Contract  
**ADS-P** : Automatic Dependent Surveillance-Panel (ICAO)  
**ADS-R** : Automatic Dependent Surveillance-Report  
**ADSEL** : Address Selective SSR System (UK)



**AIRCOM** : Aircraft Communications  
**AIREP** : Air-Report (ICAO)  
**AIRMET** : Air Meteorological Information Report which may affect the safety of low-level aircraft operations  
**AIRPROX** : The code word used in air traffic incident report to designate aircraft proximity (ICAO)  
**AIRS** : Advanced Infrared Sounder  
**AIS** : Aeronautical Information Services  
**AISAP** : AIS Automation Specialist Panel  
**AISAS** : Aeronautical Information Services Automated System  
**AISC** : Aeronautical Mobile Communications System Panel  
**AISC** : Aeronautical Industry Service Communication  
**AISG** : AIS Automation Group  
**AISPOP** : AIS Planning and Operations Subgroup  
**AISS** : Aeronautical Information Server System  
**AIS-TF** : AIS Training Task Force  
**AISU** : Aeronautical Information Service Unit  
**AITSC** : Administrative IT Steering Committee  
**AIXM** : Aeronautical Information Exchange Model  
**AKARD** : Available Knowledge And required system Research and Development  
**AL** : Aircraft Label  
**AL** : Albania (ISO Country Code)  
**AL** : Alerting Service  
**AL** : Allegheny  
**ALA** : Alighting Area  
**ALB** : Alternative Label  
**ALCC** : Airlift Central Co-ordination Centre  
**ALCE** : Airlift Control Element  
**ALCM** : Air Launched Cruise Missile  
**ALD** : Airlift Division  
**ALERFA** : Alert Phase  
**Alert** : Alert phase  
**Alert Indicator** : (visual or auditory) which provides information to the flightcrew in a timely manner about an event requiring pilot awareness.  
**ALIM** : Altitude Limit (Positive RA Altitude Threshold)  
**ALLA** : Allied Long Lines Agency  
**ALMC** : Airlift Movement Cell  
**ALO** : Air Force Liaison Officer  
**ALPA** : Air Line Pilots Association  
**ALR** : Alerting message  
**ALRS** : Alerting Service  
**ALRT** : Alert  
**ALS** : Approach Lighting System  
**ALS** : Architecture Layer Structure (ISO)  
**ALS** : Automatic Line Switch (RMCDE)  
**ALS** : Automatizovany Letisni System (CZ) / Automated Airport System  
**ALSTG** : Altimeter Setting  
**ALT** : Airborne Link Terminal  
**ALT** : Altitude  
**ALT** : Alternate  
**ALTM** : Altimeter  
**ALTN** : Alternate Aerodrome  
**ALTNLY** : Alternately  
**ALT HOLD** : Altitude Hold Mode  
**ALTRV** : Altitude Reservation System  
**AM** : Aeromexico  
**AM** : Airspace Management  
**AM** : Amplitude Modulation  
**AM** : Armenia (ISO Country Code)  
**AM** : Arrival Manager  
**AM** : Attribute Modification  
**AMA** : Area Minimum Altitude  
**AMA** : Airlift Management Agency  
**AMAN** : Arrival Manager (APATSI)  
**AMC** : Airspace Management Cell  
**AMC** : ATC Microphone Check (service)  
**AMC** : Avionics Maintenance Conference  
**AMC/CADF** : Airspace Management Cell - ECAC Centralised Airspace Data Function  
**AMCP** : Aeronautical Mobile Communication Panel (ICAO)  
**AMD** : Administrative Management Domain  
**AMD** : Advisory Map Display  
**AMD** : Amend or Amended  
**AMD** : Arrival manager Display  
**AMDP** : Airspace Management Data Processing  
**AMDP-TF** : EATCHIP Airspace Management Data Processing Task Force  
**AMDT** : Amendment (ICAO)  
**AMDWP** : Aeromedical Working Party  
**AME** : ATM Message Exchange  
**AMEG** : Air Miss Evaluation Group  
**AMGR** : Airport Manager  
**AMHS** : Aeronautical Message Handling Service  
**AMI** : Airline Modifiable Information  
**AMI** : Administrative and Management Information Software  
**AMID** : Approach Multi-Input Device (ODID)  
**AMJ** : Advisory Material Joint  
**AMLCD** : Active Matrix Liquid Crystal Display  
**AML (WP)** : Airfield Markings and Lighting (Working Party)  
**AMN** : Airspace Management and Navigation (EATM Unit)  
**AMOC** : ATFM Air Traffic Flow Management  
**AMOC** : ATFM Modelling Capability  
**AMOS** : Automatic Meteorological Observing System  
**AMOS** : ARTAS Maintenance and Operational Support organisation  
**AMOSS** : Airline Maintenance and Operation Support System  
**AMPS** : American Mobile Phone System  
**AMS** : Aeronautical Mobile Service  
**AMS** : Airspace Management Service  
**AMS** : ATC Model-Simulations Studies  
**AMS(R)S** : Aeronautical Mobile Satellite (Route) Service  
**AMSC** : Allied Military Security Code  
**AMSL** : Above Mean Sea Level  
**AMSS** : Aeronautical Mobile Satellite Services  
**AMSS** : Aeronautical Mobile Satellite System  
**AMSS** : Automatic Message Switching System  
**AMSSP** : Aeronautical Mobile Satellite Service Panel  
**AMT** : ADS Mediterranean Trials  
**AMTI** : Adaptive Moving Target Indicator  
**AN** : Access Node (RMCDE)  
**ANA** : Aeroportos e Navegacao Aérea (PT)  
**ANA** : All Nippon Airways  
**ANA-EP** : Aeroportos e Navegacao Aérea Empresa Pública (PT)  
**ANC** : Access Network Computer  
**ANC** : Air Navigation Commission / Conference (ICAO)  
**ANCAT** : Abatement of Nuisances Caused by Air Transport (ECAC environmental policy committee (ENV : AL)  
**ANDRA** : Advanced Node for Data Relay in ATN  
**ANDS** : ANS Department  
**ANERC** : Advanced New En-Route Centre (UK)  
**ANM** : ATFM Notification Message (CFMU / ECAC States)  
**ANOVA** : Analysis of Variance  
**ANP** : Actual Navigation Performance  
**ANP** : Air Navigation Plan  
**ANPP** : Air Navigation Plan Publication  
**ANS** : Air Navigation Service  
**ANS** : Answer  
**ANS/CR** : Air Navigation Services of the Czech Republic  
**ANSA** : International Advisory Group Air Navigation Services  
**ANSEP** : Air Navigation Services Economics Panel (ICAO)  
**ANSI** : American National Standards Institute  
**ANSIR** : Advanced Navigation System Inertial Reference  
**ANSO** : Air Navigation Services Offices (Irish aviation authority)  
**ANSP** : Air Navigation Service Provider  
**ANT** : Airspace and Navigation Team  
**AO** : Aircraft Operator  
**AO** : Airlines Operator  
**AO** : Arrival Operations  
**AO** : ATM Operations  
**AOA** : Aircraft Operating Agency (e.g. Airlines)  
**AOA** : Angle-of-Attack

**AOA** : Airport Operations Area  
**AOB** : Air Order of Battle  
**AOB** : Angle of Bank  
**AOC** : Advanced Operational Capability  
**AOC** : Aerodrome Obstruction/Obstacle Chart  
**AOC** : Aeronautical Operational Communications  
**AOC** : Aircraft Operating Company  
**AOC** : Aircraft Operations Centre (ICAO)  
**AOC** : Airline Operation Control  
**AOC** : Aeronautical Operation Control (communications which support safety and regularity of flight that normally take place between aircraft and the operator)  
**AOC** : Assume of Control (ODID)  
**AOC** : Auxiliary Output Chip  
**AOC** : Aeronautical Operational Control  
**AOC** : Air Operator's Certificate  
**AOC** : Airline Operational Communications  
**AOCC** : Aircraft Operator Control Centre  
**AOCL** : Airport Operators Council International  
**AOCP** : Airborne Operational Computer Programme  
**AOCS** : Attitude and Orbit Control System  
**AOCU** : Aircraft Operator Control Unit  
**AOF** : AIS Office (EAD)  
**AOF** : Allocation of Functions  
**AOG** : Aircraft On Ground  
**AOI** : Aircraft Operations Information  
**AOI** : Area of Operational Interest  
**AOI** : AIS Office  
**AOIS** : Aeronautical Operational Information System  
**AOM** : Aircraft Operations Manual  
**AOP** : Aeronautical OSI Profile  
**AOPA** : Aircraft Owner and Pilot Associations  
**AOPG** : Aerodrome Operations Group (ICAO)  
**AOPTF** : Aerodrome Operations Task Force  
**AOR** : Area of Responsibility  
**AOR** : Atlantic Ocean Region (ICAO)  
**AOR-E** : Atlantic Ocean Region - East (ICAO)  
**AORTF** : ATM Added Functionality Operational Requirements Task Force  
**AOR-W** : Atlantic Ocean Region - West (ICAO)  
**AOS** : Airport Operations Strategy Drafting Group  
**AOT** : Airport Operations Team  
**AOU** : Aircraft Operator Unit  
**AOWIR** : Aircraft Operator What-If Re-routing  
**AOWP** : Airport Operations Work Plan  
**AP** : Airport  
**AP** : Auto-Pilot  
**AP** : Application Process  
**APA** : Allied Pilots Association  
**APANPIRG** : Asia/Pacific Air Navigation Planning and Implementation Regional Group  
**APAPI** : Abbreviated Precision Approach Path Indicator  
**APATSI** : Airport / Air Traffic Systems Interface (ECAC)  
**APB** : APATSI Project Board  
**APC** : Aeronautical Passenger Communications / Correspondence  
**APC** : Aeronautical Public Correspondence  
**APC** : Assistant Planning Controller  
**APCH** : Approach  
**APD** : Activity Predictor Display  
**APDLC** : Aircraft Proximity Data Link Communication (ICAO)  
**APDSG** : ATM Procedures Development Sub-Group  
**APE** : Analysis Programme for Evaluation  
**API** : Application Programming Interface  
**APIRG** : Africa-Indian Ocean Planning and Implementation Regional Group (ICAO)  
**APL** : Abbreviated Flight Plan  
**APL** : Applied Physics Laboratory  
**APL** : ATC Flight Plan  
**APLGT** : Airport Lighting  
**APM** : Architecture Project Management  
**APMB** : ACAS Programme Management Board  
**APMS** : Automated Performance Measurement System  
**APO** : Airport Operator  
**APO** : Aircraft Performance and Operations  
**APOD** : Airport of Debarcation  
**APP** : Approach Centre / Control (office/service)  
**APP controller/director** : Approach controller/director  
**App.** : Appendix  
**APPA-SG** : ATFM Policies and Principles Advisory Sub-Group  
**APP-ASS** : Approach-Assistant  
**APPR** : Approach/Approach Mode  
**APR** : Automatic Position Reporting  
**APRT** : Airport  
**APRX** : Approximate or Approximately  
**APS** : Approach Control Surveillance  
**APSG** : ACAS Programme Steering Group  
**APSG** : After Passing  
**APT** : Airport(s)  
**APT** : Airspace Planning Team became ANT (March 94)  
**APU** : Auxiliary Power Unit  
**APV** : Approve or Approved or Approval  
**APW** : Area Proximity Warning  
**AQAP** : Allied Quality Assurance Publication  
**AQG** : Agency Quality Group  
**AQP** : Advanced Qualification Programme  
**A-QPSK** : Aviation Quadrature Phase Shift Keying  
**AR** : Agency Representative (CIP)  
**AR** : Air Route  
**AR** : Automatic Reminder  
**AR** : Argentina (ISO Country Code)  
**AR-1** : Approach Radar 1  
**ARAC** : Aviation Rulemaking Advisory Committee  
**ARB** : Authoritative Representative Body  
**ARC 2000** : Automatic Radar Control for the 21st Century (CEE)  
**ARC** : Airlift Requirement Centre  
**arc** : assigned rate of climb/descent  
**ARC** : Advanced Research for/in Air Traffic Control  
**ARC (ARCH)** : CFMU – Archive System  
**ARCC** : Air Rescue Co-ordination Centre  
**ARCH** : Archives and Quality Control System  
**ARCID** : Aircraft Identification  
**ARCOS** : Arrival Co-ordination System  
**ARCP** : Air Refuelling Control Point  
**ARDEP** : Analysis / Assessment of Research and Development in Eurocontrol Programmes  
**ARDRS** : Automatic Radar Data Recording System  
**ARDS** : ATM Architecture and overall system engineering  
**ARETA** : ATM with RNAV in Extended Terminal Area  
**ARFA** : Allied Radio Frequency Agency  
**ARFF** : Airport Rescue and Fire Fighting  
**ARFOR** : Area Forecast  
**ARH** : Architecture  
**ARIBA** : ATM system safety criticality Raised Issues in Balancing Actors Responsibility  
**ARINC** : Aeronautical Radio Incorporated (a nonprofit corporation owned by member airlines to define form, fit and functions of avionics equipment)  
**ARINC 306** : Guidance For Designers Of Aircraft-Electronic Installations  
**ARINC 307** : Aircraft Integrated Data System Wire Bundle Provisions  
**ARINC 404A** : Air Transport Equipment Cases And Racking  
**ARINC 406A** : Airborne Electronic Equipment  
**ARINC 408A** : Air Transport Indicator Cases And Mounting  
**ARINC 413A** : Guidance For Aircraft Power Utilisation And Transient Protection  
**ARINC 414** : General Guidance For Equipment And Installation Engineers  
**ARINC 415** : Operation/Technical Guidelines On Failure Warning and Functional Test  
**ARINC 419** : Digital Data System Compendium  
**ARINC 421** : Guidance For Standard Subdivision of ATA Spec 100 Numbering System for Avionics  
**ARINC 422** : Guidance For Modification Status Indicators & Avionics Service Bulletins  
**ARINC 424** : Navigation System Data Base  
**ARINC 429** : Mark 33 Digital Information Transfer System

	Description
<b>ARINC 528</b> : Airborne Tape Recorder	<b>ARINC 651</b> : Design Guidance For Integrated Modular Electronics
<b>ARINC 533A</b> : Airborne HF SSB/AM System	<b>ARINC 659</b> : Backplane Data Bus for Integrated Modular Avionics
<b>ARINC 541</b> : Airborne Magnetic Flight Data Recorder	<b>ARINC 701</b> : Flight Control Computer System
<b>ARINC 542</b> : Airborne Oscillograph Flight Data Recorder	<b>ARINC 702</b> : Flight Management Computer, Supplement 4 & 5
<b>ARINC 542A</b> : Digital Flight Data Recorder	<b>ARINC 703</b> : Thrust Control Computer
<b>ARINC 551</b> : Airborne Glide Slope Receiver - Mark 2	<b>ARINC 704</b> : Inertial Reference System, Supplement 6
<b>ARINC 557</b> : Airborne Voice Recorder	<b>ARINC 705</b> : Altitude and Heading Reference System (AHRS)
<b>ARINC 559A</b> : Mark 2 Airborne HF SSB/AM System	<b>ARINC 706</b> : Subsonic Air Data System
<b>ARINC 561</b> : Air Transport Inertial Navigation System - INS	<b>ARINC 707</b> : Radio Altimeter, Supplement 6
<b>ARINC 566</b> : Airborne VHF Communications Transceiver And Mark 1 VHF SATCOM System	<b>ARINC 708</b> : Airborne Weather Radar
<b>ARINC 566A</b> : Mark 3 VHF Communications Transceiver	<b>ARINC 709</b> : Airborne Distance Measuring Equipment, Supplement 8
<b>ARINC 569</b> : Airborne Distance Measuring Equipment	<b>ARINC 709A</b> : Precision Airborne Distance Measuring Equipment
<b>ARINC 569</b> : Heading and Altitude Sensor (HAS)	<b>ARINC 710</b> : Mark 2 Airborne ILS Receiver
<b>ARINC 571</b> : Inertial Reference System (INS)	<b>ARINC 711</b> : Mark 2 Airborne VOR Receiver
<b>ARINC 572</b> : Mark 2 Air Traffic Control Transponder	<b>ARINC 714</b> : Mark 3 Airborne SELCAL Systems
<b>ARINC 573</b> : Aircraft Integrated Data System (AIDS) Mark 2	<b>ARINC 715</b> : Airborne Passenger Address Amplifier
<b>ARINC 574</b> : Passenger Announcement, Entertainment & Service Multiplex System	<b>ARINC 716</b> : Airborne VHF Communications Transceiver
<b>ARINC 575</b> : Mark 3 Subsonic Air Data System (Digital)	<b>ARINC 717</b> : Flight Data Acquisition And Recording System
<b>ARINC 576</b> : Mark 4 Subsonic Air Data System	<b>ARINC 718</b> : Mark 3 ATC Transponder
<b>ARINC 577</b> : Audible Warning System	<b>ARINC 719</b> : Airborne HF/SSB System
<b>ARINC 578</b> : Airborne ILS Receiver	<b>ARINC 720</b> : Digital Frequency/Function Selection for Airborne
<b>ARINC 579</b> : Airborne VOR Receiver	<b>ARINC 722</b> : Electronic Equipment Protection Video System
<b>ARINC 585</b> : Electronic Chronometer System	<b>ARINC 723</b> : Ground Proximity Warning System (GPWS)
<b>ARINC 591</b> : Quick Access Recorder For Aids System (OAR)	<b>ARINC 724</b> : Mark 2 Aircraft Communications
<b>ARINC 592</b> : Airborne Passenger Tape Record	<b>ARINC 724A</b> : Mark 2 ACARS Avionics
<b>ARINC 594</b> : Ground Proximity Warning System (GPWS)	<b>ARINC 724B</b> : Aircraft Communications Addressing and Reporting System (ACARS)
<b>ARINC 595</b> : Barometric Altitude Rate Computer	<b>ARINC 725</b> : Electronic Flight Instruments (EFIS)
<b>ARINC 596</b> : Mark 2 Airborne SELCAL System	<b>ARINC 726</b> : Flight Warning Computer System
<b>ARINC 597</b> : Aircraft Communications Addressing And Reporting System (ACARS)	<b>ARINC 727</b> : Airborne Microwave Landing System
<b>ARINC 597A</b> : Enhanced ACARS Avionics	<b>ARINC 728</b> : Avionics Refrigeration and Cooling System (ARCS)
<b>ARINC 59MA</b> : Airborne Announcement Tape Reproducer	<b>ARINC 729</b> : Analog And Discrete Data Converter System
<b>ARINC 600</b> : Air Transport Avionics Equipment Interfaces	<b>ARINC 730</b> : Airborne Separator Assurance System
<b>ARINC 601</b> : Control/Display Interfaces	<b>ARINC 731</b> : Electronic Chronometer
<b>ARINC 602</b> : Test Equipment Guidance	<b>ARINC 732</b> : Mark 2 Airborne Passenger Audio Entertainment Tape Reproducer, Supplement 1
<b>ARINC 602A</b> : Test Equipment Guidance	<b>ARINC 735</b> : Traffic Alert and Collision Avoidance System (TCAS), Supplement 1
<b>ARINC 603</b> : Airborne Computer Data Loader	<b>ARINC 737</b> : On Board Weight and Balance System. Supplement 1
<b>ARINC 604</b> : Guidance For Design And Use Of built-In Test Equipment (BITE)	<b>ARINC 738</b> : Air Data and Inertial Reference System (ADIRS)
<b>ARINC 605</b> : Users Guide For ARINC 616 Avionics Subset Of ATLAS Language	<b>ARINC 739</b> : Multi-Purpose Control and Display Unit
<b>ARINC 606</b> : Guidance For Electrostatic Sensitive Device Utilisation & Protection, Sup. 1	<b>ARINC 740</b> : Multiple-Input Cockpit Printer
<b>ARINC 608</b> : Standard Modular Avionics Repair And Test System (SMART)	<b>ARINC 741P2</b> : Aviation Satellite Communication System : Part 2 - Satellite Design
<b>ARINC 609</b> : Design Guidance For Aircraft Electrical Power Systems	<b>ARINC 741P1</b> : Aviation Satellite Communication System : Part I- Aircraft Installation Provisions
<b>ARINC 610</b> : Guidance For Design and Integration of Aircraft Avionics Equipment In Simulators, Supplement 1	<b>ARINC 741P4</b> : Aviation Satellite Communications System : Part 4 - Specification and Description Language
<b>ARINC 611</b> : Guidance For The Design and Installation Of Fuel Quantity Systems, Sup. 1	<b>ARINC 742</b> : Design Guidance For Windshear Warning and Guidance Equipment
<b>ARINC 612</b> : BITE Glossary	<b>ARINC 743</b> : Airborne Global Positioning System Receiver
<b>ARINC 613</b> : Guidance for Using the Ada Programming Language in Avionics Systems	<b>ARINC 743A</b> : GPS/GLONASS Sensor
<b>ARINC 614</b> : Standard Firmware Loader For Avionics Shops	<b>ARINC 744</b> : Full Format Printer
<b>ARINC 615</b> : Airborne Computer High Speed Data Loader, Supplement 3	<b>ARINC 745</b> : Automatic Dependent Surveillance, Supplement 1
<b>ARINC 616</b> : Avionics Subset of ATLAS Language	<b>ARINC 746</b> : Cabin Communications System, Supplement 1
<b>ARINC 620</b> : Data Link Ground System Standard And Interface Specification	<b>ARINC 747</b> : Flight Data Recorder
<b>ARINC 622-1</b> : The ACARS Convergence Process	<b>ARINC 748</b> : Communications Management Unit (CMU)
<b>ARINC 624</b> : Design Guidance For Onboard Maintenance System	<b>ARINC 750</b> : VHF Data Radio (VDR)
<b>ARINC 626</b> : Standard ATLAS For Modular Test	<b>ARINC 751</b> : Gate-Aircraft Terminal Environment Link (Gatelink) - Aircraft Side
<b>ARINC 627</b> : Programmers Guide For Smart Systems Using ARINC 626 ATLAS	<b>ARINC 752</b> : TFTS Airborne Radio Sub-System
<b>ARINC 629</b> : Multi Tester Data Bus : Part 1 - Technical Description	
<b>ARINC 629</b> : Multi-Transmitter Data Bus	
<b>ARINC 631</b> : Aviation Packet Communications Functional	

**ARINC 753** : HF Data Link System  
**ARINC 757** : Cockpit Voice Recorder (CVR)  
**ARINC539A** : Airborne 400 Hz AC Tape Reproducer  
**ARLO** : Air Liaison Officer  
**ARM** : ADS Report Message  
**ARM** : Air Request Message  
**ARM** : Anti Radiation Missile  
**ARM** : Armenia  
**ARMATS** : State Closed Joint-Stock Company of Armenian Air Traffic Services  
**ARN** : ATS Routes and Associated Navigation Means  
**ARN-1 (Table)** : Basic ATS Route Network in the Lower and Upper Airspace  
**ARN-2 (Table)** : Radio Navigation Aids Associated with the Basic ATS Route Network Terminal Area and Instrument Approach Procedures  
**ARN-V2** : ATS Route Network - Version 2 (ECAC, EATM)  
**ARN-V3** : ATS Route Network - Version 3 (ECAC, EATM)  
**ARRG** : Arrange  
**ARO** : Air Traffic Service Reporting Office  
**ARP** : Aerodrome Reference Point  
**ARP** : Aerospace Recommended Practice  
**ARP** : Automated Route Planning  
**ARPA** : Advanced Research Project Agency  
**ARPL** : ADEXP Format Repetitive Flight Plans Message  
**ARQ** : Automatic error Correction  
**ARQ** : Automatic Request Repeat  
**ARQ** : Automatic Response to Query  
**ARR** : Arrive or Arrival or Arrival Message  
**ARR SP** : Arrival Sequence Planner  
**ARS** : Aeronautical Radio Navigation Service  
**ARS** : Avoidance Routing Scheme  
**ARS** : Special air-report (message type designator)  
**ARSA** : Airport Radar Serve Area  
**ARSC** : Air Rescue Sub Centre  
**ARSR** : Air Route Surveillance Radar  
**ARST** : Arresting (specify (part of) aircraft arresting equipment)  
**ART** : Analysis and Replay Tool  
**ARTAS** : Air Traffic Management Surveillance Tracker and Server System  
**ARTAS TF** : ARTAS Task Force  
**ARTCC** : Air Route Traffic Control Centre  
**Artemis** : An ESA experimental telecommunications satellite hosting an EGNOS navigation transponder  
**ARTES-9** : Advanced Research in Telecommunication Systems  
**ARTS** : Area Radar Training Squadron  
**ARTS** : Automated Radar Terminal System  
**ARU** : Archive to UNIX  
**ARU** : Airspace Reservation Unit  
**AS** : Airspeed  
**AS** : Airspace  
**AS** : Altostratus  
**AS, A-S** : Anti-Spoofing  
**ASA** : Aircraft Situation Awareness  
**ASA** : Automated Support to ATC  
**ASA** : Automatic Slot Assignment  
**ASA System** : Automatic Slot Assignment System  
**ASAP** : Aircraft Separation Assurance Programme  
**ASAP** : As soon as possible / practicable  
**ASARS** : Air Surveillance Airborne Radar System  
**ASAS** : Airborne Separation Assurance System  
**ASC** : Ascend to or Ascending to  
**ASCAP** : Automatic SSR Code Assignment Procedure  
**ASCB** : Avionics Standard Communication Bus  
**ASCII** : American Standard Code for Information Interchange / Exchange  
**ASCOT** : Airport Slots Compliance Tools  
**ASDA** : Accelerated Stop Distance Available  
**ASDAR** : Aircraft to Satellite Data Relay  
**ASD** : CFMU/ENGD - Architecture & System Design Section  
**ASDE** : Airport Surface Detection Equipment  
**ASD-TF** : Air Situation Display Task Force  
**ASE** : Altimetry System Error  
**ASE** : Application Service Element  
**ASECNA** : Agency for the Safety of Air Navigation in Africa and Madagascar  
**ASEP** : ACCS Surveillance Exploratory Prototype (NATO / SHAPE)  
**ASHTAM** : NOTAM relating to volcanic and/or dust activity (ICAO)  
**ASI** : Aerospace Sciences Inc.  
**ASI** : Asia Region (ICAO)  
**ASI** : Air Speed Indicator  
**ASIC** : Application-Specific Integrated Circuit  
**ASM** : Ad-hoc Schedule Message  
**ASM** : AirSpace Management  
**ASMAC** : Automated System for Management of Aeronautical Information and Charting  
**ASMC** : Airspace Management Communications  
**ASMGCS** : Advanced Surface Movement Guidance and Control Systems  
**ASMI** : Airport Surface Movement Indicator  
**ASMT** : ATM Safety Monitoring Tool  
**ASMTF** : Airspace Management Task Force  
**ASN** : Abstract Syntax Notation  
**ASN 1** : Abstract Syntax Notation One  
**ASNO** : Approach Sequence Number  
**ASO** : Air Surveillance Officer  
**ASOC** : Air Sovereignty Operations Centre  
**ASOC** : Army Support Operations Centre  
**ASOP** : Airspace Organisation and Procedures  
**ASOS** : Automatic Surface Observing System  
**ASP** : Adjustable System Parameter  
**ASP** : Aeronautical Fixed Service Systems Planning for Data Interchange Panel  
**ASP** : Air Space  
**ASP** : AIRCOM Service Processor (SITA)  
**ASP** : Arrival Sequence Planner  
**asp** : assigned speed  
**ASPH** : Asphalt  
**ASPP** : Aeronautical Fixed Service Systems Planning for Data Interchange Panel  
**ASQF** : Application Specific Qualification Facility (part of EGNOS)  
**ASR** : Airport Surveillance Radar (TAR)  
**ASR** : Altimeter Setting Region  
**ASRS** : Aviation Safety Reporting System  
**ASRT** : Air Support Radar Team  
**ASSR** : Assigned SSR code (FPPS/DECADE)  
**ASTA** : Airport Surface Traffic Automation  
**ASTER** : Aviation Safety Targets for Effective Regulation  
**ASTERIX** : All-purpose Structured Eurocontrol Radar Information Exchange.  
**ASTP** : ADS Studies and Trials Project  
**ASW** : Anti Submarine Warfare  
**ASW** : Air Situation Window  
**AT** : At (an altitude)  
**AT** : Actual Time Count Down  
**AT** : Air Transport  
**AT** : At Time  
**AT...** : At (following by time at which weather change is forecast to occur)  
**AT** : Austria (ISO Country Code)  
**AT** : Royal Air Maroc (airline)  
**ATA** : Actual Time of Arrival  
**ATA** : Air Transport Association (of America)  
**ATAC** : Airspace Traffic Data Capture  
**ATAF** : Allied Tactical Air Force  
**ATAFF** : Air Traffic Arbitrated Free Flight  
**ATAG** : Air Transport Action Group  
**ATAR** : Automatic Air Reporting  
**ATARS** : Automatic Traffic Avoidance and Resolution System  
**ATAS** : Air Traffic Advisory Service  
**ATC** : Air Traffic Control  
**ATCA** : Air Traffic Control Association (US)  
**ATCA** : Allied Tactical Communications Agency  
**ATCA** : Air Traffic Control Assistant  
**ATCAP** : Air Traffic Control Automation Panel (ICAO)



**ATCAS** : (Sweden) ATC Automated System  
**ATCC** : Air Traffic Control Centre  
**ATCC** : Air Traffic Control Clearance  
**ATCCC** : Air Traffic Control Command Centre  
**ATCEUC** : Air Traffic Controllers European Unions Co-ordination  
**ATCgram** : Illustration in graph form of the main functional levels of ATC systems  
**ATC-HMI** : Air Traffic Control Human Machine Interface  
**ATCI** : Airport ATC and Information systems  
**ATCO** : Air Traffic Controller or Air Traffic Control Officer  
**ATCRBS** : Air Traffic Control Radar Beacon System  
**ATCRU** : Air Traffic Control Radar Unit  
**ATCS** : Air Traffic Control Service  
**ATCS** : Advanced Train Control Systems  
**ATCSCC** : Air Traffic Control System Command Center  
**ATCSQ** : ATC Safety Questionnaire  
**ATCT** : Airport Traffic Control Tower  
**ATCU** : Air Traffic Control Unit  
**ATD** : Actual Time of Departure  
**ATD** : Along Track Distance  
**ATDS** : Airborne Tactical Data System  
**ATE** : Automatic Test Equipment  
**ATFC** : Air Traffic Flow Controller  
**ATFM** : Air Traffic Flow Management  
**ATFM** : CFMU/DEVD - ATFM Application Section  
**ATFMC** : Air Traffic Flow Management Communications  
**ATFMO** : Air Traffic Flow Management Organisation  
**ATFMP** : Air Traffic Flow Management Position  
**ATFMS** : Air Traffic Flow Management System  
**ATFMU** : Air Traffic Flow Management Unit  
**ATFR** : Air Traffic Flow Regulator  
**ATG** : Air Traffic Generator  
**ATHR** : Autothrust System  
**ATI** : Automatic Tracking Initiation  
**ATIC** : Administrative and Technical Inspection Committee (Agency structure)  
**ATIF** : ATN Trials Infrastructure  
**ATILO** : Administrative Tribunal of the International Labour Organisation  
**ATIS** : Automatic Terminal Information Service  
**ATLAS** : Air Traffic Land and Air Study [or Airborne Systems] (European Commission)  
**Atm** : Tyre Pressure (KG/cm<sup>3</sup>)  
**ATM** : Air Traffic Management  
**ATM** : Air Transportation Management  
**ATM** : Asynchronous Transfer Mode  
**ATM 2000+** : Eurocontrol ATM Strategy for the Years 2000+  
**ATMAS** : Air Traffic Management Automated System (Lt. ATFM)  
**ATMC** : Air Traffic Management Centre  
**ATMCP** : ATM Operational Concept Panel (ICAO)  
**ATMCT** : Air Terminal Movement Control Team Centre (NATS UK)  
**ATMG** : Air Traffic Management Group  
**ATMO** : Air Traffic Management Organisation  
**ATMOS** : Air Traffic Management Operating System  
**ATMS** : Advanced Air Traffic Management System  
**ATN** : Aeronautical Telecommunications Network (the collection of ground subnetworks, air/ground subnetworks and airborne subnetworks interconnected by ATN routers that support computer-to-computer, internetwork communication and message transfer between host computers using the OSI ISO protocol architecture)  
**ATN EURET** : see [EURATN](#)  
**ATN RD** : Aeronautical Telecommunication Network Routing Domain  
**ATN RDC** : Aeronautical Telecommunication Network Routing Domain Confederation  
**ATNC** : ATN and Communication Architecture  
**ATNI** : Aeronautical Telecommunication Network Internet  
**ATNP** : Aeronautical Telecommunication Network Panel (ICAO)  
**ATNSI** : ATN System Inc. (US)  
**ATO** : Actual Time Overhead of Overflying (CFMU - CASA)  
**ATO** : Airborne Traffic Observation  
**ATOC** : Allied Tactical Operations Centre  
**ATOPS** : Advanced Transport Operating System  
**ATOT** : Actual Take Off Time  
**ATP** : At...(time or place)  
**ATRAC** : Air Navigation Services Employee Training Concept  
**ATRACC** : ATC System for Riga Area Control Centre  
**ATRK** : Alone Track Error  
**ATS** : Air Traffic Services  
**ATS** : Automatic Throttle System  
**ATSA** : Air traffic Services Authority (Bulgaria & Croatia)  
**AT-SAT** : Air Traffic Selection and Training  
**ATSD** : Air Traffic Situation Display  
**ATSC** : Air Traffic Service Communications (Communications related to air traffic services. This includes ATC, aeronautical and meteorological information, position reporting and services related to safety and regularity of flight)  
**ATSEP** : Air Traffic Safety Electronics Personnel  
**ATSI** : Air Traffic Services Investigation System  
**ATSN** : Air Traffic Service Network  
**ATSO** : Air Traffic Services Operator  
**ATSORA** : Air Traffic Services Outside Regulated Airspace  
**ATSP** : Air Traffic Service Providers  
**ATSSD** : ATS Standards Department  
**ATSU** : Air Traffic Service Unit  
**ATSup** : Air Traffic Supervisor  
**ATT** : Along Track Tolerance  
**ATT** : Attitude Indicator  
**ATTN** : Attention  
**ATWR** : Apron TWR  
**ATYP** : Aircraft Type  
**ATZ** : Aerodrome Traffic Zone  
**AU** : Arbitrary Unit  
**AU** : Australia (ISO Country Code)  
**AUA** : ATC Unit Airspace  
**Aud** : Audio aids  
**AUP** : Airspace Use Plan  
**AUS** : Airspace Utilisation Service  
**AUSOTS** : Australian Organised Track Structure  
**AUSTRO CONTROL** : Österreichische Gesellschaft für Zivilluftfahrt mbH (AT)  
**AUTH** : Authority  
**AUTH** : Authorized or Authorization  
**AUTOB** : Automatic Weather Reporting System  
**AUTOCAD** : Automatic Computer Aided Design  
**AutoNav** : Auto-Navigation  
**AUTOVON** : Automatic Voice Network  
**AUW** : All Up Weight  
**AUX** : Auxilliary  
**AV** : Audio-visual aids  
**AV** : Avianca  
**AVAIL** : Available  
**AVBL** : Available  
**A-VASIS** : Advanced Visual Approach Slope Indicator System  
**AVENUE** : ATM Validation Environment for Use towards EATMS  
**AVG** : Average  
**AVGAS** : Aviation Gasoline  
**AVHRR** : Advanced Very High-Resolution Radiometer  
**AVI** : Audio/Video Interleaved  
**AVOL** : Aerodrome Visibility Operational Level  
**AVPAC** : Aviation VHF Packet Communications  
**AW** : Area Width  
**AW** : Aerial Work  
**AW/P** : Active Way Point  
**AWACS** : Airborne Warning and Control System  
**AWAS** : Automated Weather Advisory Station  
**AWIPS** : Advanced Weather Interactive Processing System  
**AWIR** : Automatically generated What-If Re-routing  
**AWOG** : All Weather Operations Group  
**AWOP** : All Weather Operations Panel (ICAO)

**AWOS** : Automatic Weather Observing System  
**AWP** : Ancillary Working Position  
**AWP** : Arrival Waypoint  
**AWR/Rn** : Alternative flight plan on the basis of the Aircraft Operator „What-If“ Re-route Function (AOWIR), whereby „n“ designates the current number of the AOWIR alternative flight plan  
**AWTA** : Advise at What Time Table  
**AWX** : All Weather  
**AWY** : Airway  
**AY** : Finnair (airline)  
**AZ** : Aerodrome zone  
**AZ** : Alitalia (airline)  
**AZ** : Azerbaijan (ISO countries Codes)  
**AZM** : Azimuth

**-B-**

**B** : At or Below (constrained altitude)  
**B** : Belgium  
**B** : Blue  
**B&D** : Bearing and Distance  
**B&H** : Bosnia and Herzegovina  
**B/C** : Benefit / Cost  
**B/CRS** : Back Course  
**BA** : Barometric Altitude  
**BA** : Bosnia and Herzegovina (ISO Country Code)  
**BA** : Breaking Action  
**BA** : British Airways (airline)  
**BAA** : British Airport Authority  
**BADA** : Base of Aircraft Data ; Aircraft performance Data Base  
**BAF** : Belgian Air Force  
**BA FAIR** : Braking action Fair  
**BALPA** : British Air Line Pilots Association  
**BA NIL** : Braking Action Nil  
**BA POOR** : Braking Action Poor  
**BARS** : Behaviour Anchored Rating Scales  
**BARTCC** : Berlin Air Route Traffic Control Centre  
**BASE** : Cloud Base  
**Base AM** : Base Arrival Manager  
**Base AMD** : Base Arrival Manager Display  
**BASIS** : British Airways Safety Information System  
**BAST** : Basic ATC Skills Trainer  
**BATAP** : 'Type-B' Application To Application Protocol  
**BAZ** : Bundesamt für Zivilluftfahrt (Austria) (AT) / Austrian aviation authority  
**BC** : Patches (meteo)  
**BC** : Back Course  
**BCA** : Border Crossing Authority  
**B-CAS** : Beacon Collision Avoidance System  
**BCBP** : Bilateral Communication Plan Co-ordination  
**BCD** : Binary-Coded Decimal  
**BCFG** : Fog Patches  
**BCMT** : Beginning of Civil morning twilight  
**BCN** : Beacon  
**BCST** : Broadcast  
**Bd** : Baud  
**BD** : British Midland (airline)  
**BDP** : Brussels ACC Computer  
**BDR** : Battle Damage Repair  
**BDRY** : Boundary  
**BE** : Belgium (ISO Country Code)  
**BECMG** : Becoming (meteo)  
**BEM** : Boundary Estimate Message (SARP)  
**BENELUX** : Belgium, Netherlands and Luxembourg  
**BER** : Bite Error Rate  
**BERM** : Snowbank(s) Containing Earth/Gravel  
**BF** : MarkAir  
**BFD** : Basic Flight Data message  
**BFL** : Blocked Flight Level Area  
**BFR** : Before  
**BFWG** : Budgetary and Financial Working Group  
**BG** : Bulgaria (ISO Country Code)  
**BGD** : Background  
**BHL-System** : (Name of HR-registration system)

**BIAC** : Brussels International Airport Company  
**BIF** : Deliver Implementation Benefits Faster (EATCHIP Adaptation)  
**BIRDTAM** : NOTAM on Bird Activity  
**BIS** : Boundary Intermediate System  
**BIST** : Build-In Self Test  
**BIT** : Built-In Test  
**BITE** : Built-In Test Equipment  
**BKN** : Broken (meteo)  
**BL** : Blowing (meteo)  
**BLDG** : Building  
**BLO** : Below clouds  
**BLW** : Below  
**BMUN** : Better Meet User Needs (EATCHIP Adaptation)  
**BN** : Backbone Node (RMCDE/ RADNET)  
**BNC** : Backbone Network Computer  
**BND** : Bound  
**BNF** : Backus Naur Form  
**BNL** : Benelux  
**BOI** : Biographical Oriented Interview  
**BOMB** : Bombing  
**BOS** : Behaviour anchored Rating Scales  
**BP** : Business Plan  
**BPF** : Band Pass Filter  
**BPN** : Boundary Point of Entry  
**bps** : bits per second  
**BPS** : Boundary Point Sector  
**BPSK** : Binary Phase Shift Keying  
**BPSX** : Boundary Point Sector Exit  
**BR** : Mist (meteo)  
**BR** : Brazil (ISO Country Code)  
**BR** : Eva Air (airline)  
**BRA** : Basic Rate Access  
**BRA** : Bearing, Range and Altitude  
**BRF** : Short (used to indicate the type of approach desired or required)  
**BRG** : Bearing  
**BRITE** : Basic Research in Industrial Technologies for Europe = EURAM  
**B-RNAV** : Basic Area Navigation  
**BRNAV** : Basic Air NAVair Traffic Control Unit  
**BRKG** : Braking  
**BRT** : Brightness  
**BS** : Band Stop (ACS)  
**BS** : BootStrap (RADNET Introduction - MAS)  
**BS** : Commercial Broadcasting station  
**BSC** : Binary Synchronous Communications  
**BSP** : Aircraft Parameter Downlink (service)  
**BSS** : Best Signal Selection  
**BSU** : Beam Steering Unit  
**BTC** : Basic Training Course  
**BTEC** : Business and Technician Education Council  
**BTH (R)** : Beyond the Horizon (Radar)  
**BTL** : Between Layers  
**BTN** : Between  
**BVR** : Beyond Visual Range  
**BW** : Bandwidth  
**BWP** : Budget and Work Programme Planning  
**BY** : Belarus (ISO countries Codes)  
**BYD** : Beyond

**-C-**

**C** : Centre (runway identification)  
**C** : Degree Celcius  
**C/A Code** : Course / Acquisition Code  
**C/d** : Capacity demand ratio  
**C/M** : Carrier-to Multi-Path Ratio  
**C/N** : Carrier-to-Noise Ratio  
**C/NO** : Carrier-to-Noise-Density Ratio  
**C/S** : Call Sign  
**C102 (TSO)** : Helicopter Radar Approach, Issued 04/02/84 (RTCA DO-172, Issued 03/83)  
**C104(TSO)** : Microwave Landing System (MLS) Receiving Equipment, Issued 06/82 (RTCA DO-174, Issued 03/82)  
**C105(TSO)** : Optional Display For Weather Radar, Issued

06/84 (RTCA DO-174, Issued 03/81)  
**C110(TSO)** : Airborne Thunderstorm Detector, Issued 01/01/01, (RTCA DO-187, Issued 11/84)  
**C115(TSO)** : RNAV Equipment Using Multi-Sensor, Issued 06/86 (RTCA DO-187, Issued 11/84)  
**C118(TSO)** : Airborne TCAS I Equipment Issued 08/88 (RTCA DO-197, Issued 3/87)  
**C119(TSO)** : Airborne TCAS II Equipment (RTCA Do-185, Issued 09/83)  
**C120(TSO)** : RNAV Equipment Using OMEGA/VLF, Issued 01/88 (RTCA DO-185 issued 9/83)  
**C2 level** : Security level in the United States Department of Defense  
**C31d(TSO)** : High Frequency (HF) Communications Transmitting Equipment, Issued 04/84 (RTCA DO-163, Issued 03/76)  
**C32d(TSO)** : High Frequency (HF) Communications Receiving Equipment, Issued /83  
**C34e(TSO)** : ILS Glide Slope Receive Equipment, Issued 01/88 (RCTA DO-192, Issued 07/86)  
**C35d(TSO)** : Radio Marker Receiving Equipment, Issued 04/71 (RTCA DO-143, Issued 01/70)  
**C36e(TSO)** : ILS Localizer Receiver Equipment, Issued 01/88 (RTCA DO-195, Issued 11/86)  
**C37d(TSO)** : VHF Comm transmitting Equipment, Issued 08/81 (RTCA DO-157, Issued 08/81 (RTCA DO-157, Issued 08/74)  
**C38c(TSO)** : VHF Comm Receiving Equipment; Issued 08/81 (RTCA DO-156, Issued 08/74)  
**C38d(TSO)** : VHF Comm: Receiving Equipment, Issued 08/81 (RTCA DO-186, Issued 1/84)  
**C3CM(TSO)** : Command, Control and Communications Countermeasures  
**C3T** : Controller Tools and Transition Trials. See [EVP](#).  
**C40c(TSO)** : Airborne VOR Receiving Equipment, Issued 01/88 (RTCA DO-1996, Issued 11/86)  
**C41d(TSO)** : Airborne ADF Equipment, Issued 05/86 (RTCA DO-179, Issued 05/82)  
**C50c(TSO)** : Audio Selector Panel and Amps, Issued 01/83 (RTCA DO-170, Issued 01/80)  
**C57a(TSO)** : Headsets And Speakers, Issued 01/83 (RTCA DO-170, Issued 01/80)  
**C58a** : Aircraft Microphones, Issued 01/83 (RTCA DO-170, Issued 01/80)  
**C59** : Selective Calling (SELCAL) Equipment, Issued 01/01 (RTCA DO-93, Issued 2/59)  
**C60b** : RNAV Equipment Using LORAN -C, Issued 05/88 (RTCA DO-194, Issued 11/86)  
**C63c** : Airborne Weather Radar, Issued 08/83 (RTCA DO-173 Issued 11/80)  
**C65a** : Doppler Radar Air Speed Equipment, Issued 08/83 (RTCA DO-158, Issued 11/75)  
**C66b** : Airborne DME (Distance Measuring Equipment), Issued 08/81 (RTCA DO-1514, Issued 04/60)  
**C67** : Airborne Radar Altimeters, Issued 11/64 (RTCA DO-103, Issued 4/60)  
**C68a** : Dead Reckoning Computer Equipment, Issued 08/83 (RTCA DO-158, Issued 10/75)  
**C74e** : Airborne ATC Transponder Equipment, Issued 01/01 (RTCA DO 161A, Issued 05/76)  
**C87a** : Low Range Radar Altimeters, Issued 01/01 (RTCA DO-155, Issued 01/74)  
**C91a** : Emergency Locator Transmitter, Issued 04/85 (RTCA DO-183, Issued 5/83)  
**C92b** : Ground Proximity Warning (GPWS) Equipment, 01/01 (RTCA DO-161A, Issued 05/76)  
**C94a** : OMEGA Receiving Equipment, Issued 08/81 (RTCA DO-164A, Issued 09/79)  
**C** : Centigrade  
**CA** : Canada (ISO Country Code)  
**CA** : Civil Aviation  
**CA** : Conflict Alert  
**CA** : Course to an Altitude (ARINC 424 Path Terminator)  
**CAA** : Civil Aviation Authority (Great Britain)  
**CAAC** : Civil Aviation Authority of China  
**CAAS** : Class A Airspace  
**CAAS** : Computer Aided Approach Sequencing  
**CAB** : Civil Aeronautics Board  
**CAC** : Centralised Approach Control  
**CAD** : Computer Aided / Assisted Design  
**CADAS** : Computer Controlled Avionics Data Acquisition System  
**CADF** : Centralised Airspace Data Function (ECAC)  
**CADIN** : Czech Automated Data Interchange Network  
**CADS** : Combined Arrival and Departure Sequencing/Study (APATSI)  
**CADS** : Computer aided Departure System  
**CAE** : Computer Aided Engineering  
**CAEP** : Committee on Aviation [Environmental] Protection Emissions Operational (Measures Working Group, WG/4) ; Commission on Aviation Environmental Protection (ICAO)  
**CAERAF** : Common American-European Reference ATN Facility  
**CAI** : Civil Aviation Inspection  
**CAI** : Computer Assisted Input  
**CAIIS** : Computer Aided Imagery Interpretation System  
**CAIR** : Confidential Aviation Incident Reporting  
**CAIRDE** : Civil Aviation Integrated Radar Display Equipment (IRE)  
**CAL** : Computer Aided Learning  
**CALLSGN** : Callsign  
**CALM** : Computer Assisted Landing Management System  
**CALS** : Computer-aided Acquisition and Logistic Support  
**CAM** : Computer Aided Manufacturing  
**CAM** : Conflict Alert Message  
**CAMI** : Civil Aeromedical Institute  
**CAMOS** : Central ARTAS Maintenance & Operational Support  
**CAMPS** : Computer Aided Message Processing System  
**CAMUS** : Czech Automated Multi radar System  
**CAN Proj.** : Croatian Air Navigation Project  
**CANAC** : Computer Assisted National ATC Centre (B)  
**CANSO** : Civil Air Navigation Services Organisation  
**CAO** : Computer Assisted Operations  
**CAOFA** : Co-ordination of Air Operations in the Forward Area  
**CAP** : Combat Air Patrol  
**CAP** : Controller Access Parameters  
**CAPAN** : Capacity Analyser  
**CAPC** : Civil Aviation Planning Committee  
**CAPE** : Computer Assisted Planning Experiment  
**CAPP** : CFMU/DEVD - Client Applications Section  
**CAPSIN** : CAA Packet Switched Integrated Network (UK)  
**CAR** : Caribbean Region  
**CARAT** : Computer-Aided (Assited) Route Allocation Tool  
**CARD** : CNS Applications - Research and Development  
**CARD** : Conflict And Risk Display (ODID)  
**CARE** : Co-operative Actions of ATM Research and Development in Eurocontrol  
**CARFE** : Conference on Airport and Route Facility Economics (ICAO)  
**CART** : Classification And Regression Trees  
**CAS** : Calibrated (Computed) Air Speed  
**CAS** : Close Air Support  
**CAS** : Collision Avoidance System  
**CAS** : Computerised Assessment System  
**CASA** : Computer Assisted Slot Allocation  
**CASE** : Computer Aided Software Engineering  
**CASI** : CFMU Aircraft Situation Image  
**CASOR** : Civil Area Services Operations Room  
**CAST** : Consequences of future ATM systems for air traffic controller Selection and Training  
**CASTA** : Controller Associate for Strategic and Technical Advice  
**CAT x** : Category x Precision Approach (I, II of III)  
**CAT I** Facility providing operation down to 200 feet decision height and runway visual range not less than 2600 feet.  
**CAT II** Facility providing operation down to 100 feet decision height and runway visual range not less than 1200 feet.

**CAT II a** Facility providing operation with no decision height limit to and along the surface of the runway with external visual reference during final phase of landing and with a runway visual range not less than 700 feet.

**Cat** : Category  
**CAT** : Clear Air Turbulence  
**CAT** : Computer Aided Testing  
**CAT** : Commercial Air Transport  
**CAT** : Computer Assisted Teaching / Training  
**CAT** : Continuous Attention Task  
**CATCAS** : Copenhagen Air Traffic Control Automated System (DK)  
**CATCO** : Chief ATC Operations  
**CATIA** : TF on CNS/ATM Implementation Aspects  
**CATSA** : Croatian air Traffic Services Authority  
**CATSIM** : CAA Air Traffic Simulator (UK)  
**C-ATSU** : Controlling ATS Unit  
**CAUTRA** : Automated Computer System for Air Traffic  
**CAVOK** : Clouds and Visibility OK (Visibility, cloud and present weather better than prescribed values or conditions)  
**CB** : Central Battery  
**CB** : Suckling Airways (airline)  
**CB** : Cumulonimbus (meteo)  
**CBA** : Cost Benefit Analysis  
**CBA** : Cross Border Area  
**CBAS** : Class B Airspace  
**CBSA** : Class B Surface Area  
**C-Band** : Frequency Band  
**CBI** : Computer Based Instruction  
**CBN** : Common Backbone Network (subnetwork RAPNET = system of the national ATS, DFS = PSN)  
**CBPM** : Computer-Based Performance Measure  
**CBS** : Cost/Benefit Studies  
**CBT** : Computer Based Tool  
**CBT** : Computer Based Training  
**CC** : Contractual Conditions  
**CC** : Cirrocumulus  
**CCA** : (or CCB, CCC...etc..in sequence) corrected meteorological message (message type designator)  
**CCAS** : Class C Airspace  
**CCB** : Change Control Board  
**CCC** : Cellular CNS Concept  
**CCC** : Central Computer Complex  
**CCC** : Command, Control and Communications  
**CCC** : Common Core Content (of ATC Training)  
**CCCC** : Cross Channel Co-ordination Centre  
**CCCI, C3I** : Command, Control, Communications and Intelligence (network)  
**CCDS** : Code Callsign Distribution System  
**CCF** : Centralised Control Function (LATCC)  
**CCFT** : Cold Cathode Fluorescent Tube  
**CCG** : CEATS Co-ordination Group  
**C-Channel** : Circuit Mode Channel  
**CCIP** : Code-Callsign Input Position  
**CCIS** : Closed Circuit Information System  
**CCL** : Code Callsign List  
**CCLKWS** : Counterclockwise  
**CCM** : Computerized Control and Monitoring  
**CCMS** : Committee on the Challenges of Modern Society  
**CCP** : Circuit Switched Public Data Network  
**CCP** : Configuration Control Plan  
**CCR** : Cancel Contract Request  
**CCS** : Code CallSign  
**CCSA** : Class C Surface Area  
**CCTV** : Closed Circuit TeleVision  
**CCW** : Counter-Clockwise  
**CD** : Candela  
**CD** : Conflict Display (ODID)  
**CD** : Council Directive  
**CD** : Course to a DME Distance (ARINC 424 Path Terminator)  
**CD&A** : Conflict Detection and Avoidance  
**CD2** : Common Digitizer 2  
**CD-2** : Transmission format for radar data  
**CDA** : Client Defined Area

**CDA** : Conflict Display Area. Coordination Approval / Coordination Acceptance (message)  
**CDA** : Current Data Authority (ICAO)  
**CDB** : Central Data Base  
**CDG** : Roissy Charles-de-Gaulle Airport  
**CDI** : Coordination Information  
**CDI** : Course Deviation Indicator  
**CDM** : Collaborate (Cooperative) Decision Making (central supporting features of gate to gate, and for enhancing capacity [airports])  
**CDMA** : Code Division Multiple Access  
**CDN** : Airspace Crossing Co-ordination Message / Co-ordination (message type designator)  
**CDP** : Central Data Processing  
**CDP** : Computer Diagnostics Program  
**CDPS** : Central Data Processing System  
**CDR** : Coded Departure Routes. Predefined routes used to route air traffic around areas of severe weather.  
**CDR** : Conditional Route  
**CDR** : Conflict Detection and Resolution  
**CDR** : Co-ordination Request (message)  
**CDR** : Critical Design Review  
**CDRL** : Contracts Data Requirements List (MAS/DFS - ODS)  
**CD-ROM** : Compact Disk / Read Only Memory  
**CDS** : Controller Display Support  
**CDSEPT** : Committee to Develop Standards for Educational and Psychological Testing of The American Educational research Association, The American Psychological Association, and The National Council on Measurement in Education.  
**CDT** : Command Delivery Time  
**CDTI** : Cockpit Display of Traffic Information  
**CDTS** : Console Detailed Technical Specification  
**CDU** : Control and Display Unit (pilots' interface to the FMS)  
**CE** : Committee of Management  
**CE** : European Commission / Commission européenne  
**CEAC** : Committee for European Airspace Co-ordination (NATO Group) renamed on 27.4.98 by the North Atlantic Council (=NATMC)  
**CEAS** : Class E Airspace  
**CEATS** : Central European Air Traffic Services (Austria, Croatia, Czech Republik, Hungary, Italy, Slovakia and Slovenia [Bosnia, Herzegowina])  
**CEATS LSG** : Central European Air Traffic Services Legal Sub Group  
**CEATS UAC** : Central European Air Traffic Services Upper Airspace Control Centre  
**CEC** : Commission of the European Communities ; European Commission / Commission des Communautés Européennes (=CEE) ; Commission européenne  
**CEECs** : Countries of Central and Eastern Europe ; Central and Eastern Europe Countries  
**CEF** : Capacity Enhancement Function  
**CEFA** : Co-operation for Environmentally Friendly Aviation (ERA, ACI, AEA, AECMA, EBAA, EUROCAE)  
**CEO** : Chief Executive Officers  
**CEP** : Circular Error Probable  
**CER** : Cancel Emergency Mode Request  
**CES** : Central and Eastern European States  
**CESA** : Class E Surface Area  
**CESAR** : Course Evaluation Sheets Analysis and Reporting  
**CESSC** : Chief Executive Standing Conference (see [CEO](#))  
**CEU** : Central Executive Unit (ATM / CFMU)  
**CEU-E** : Central executive unit with Responsibility for Eastern Europe  
**CEU-W** : Central executive unit with Responsibility for Western Europe  
**CEW** : Civil Engineering Works  
**CF** : Change frequency to....  
**CF** : Course to a Fix (ARINC 424 Path Terminator)  
**CFAR** : Constant False Alarm Rate (or Regulation)  
**CFB** : Central Flight plan Bank  
**CFCF** : Central Flow Control Facility

**CFD** : Change to Flight Data Message  
**CFDS** : Central Flight Data Suite (PALLAS system)  
**CFE** : Customer Furnished Equipment  
**CFEP** : Communications Front End Processor  
**CGL** : Circling Guidance Light(s)  
**CFIT** : Controlled Flight into Terrain  
**CFL** : Cleared (Current) Flight Level  
**CFM** : Central Flow Management (services)  
**CFM** : EEC business area - support to ATFM  
**CFMU** : Central Flow Management Unit  
**CFMUSC** : CFMU Steering Committee  
**CFTPD** : Central File of Transponder Performance Data (ECC)  
**CFR** : Code of Federal Regulations  
**CG** : Center of Gravity  
**CGAS** : Class G Airspace  
**CGS** : Centimeter-gram-second  
**CH** : Channel  
**CH** : Switzerland (ISO Country Code)  
**CHA** : Character  
**CHAID** : Chi Square Automatic Interaction Detection  
**CHAN** : Channel  
**Chap.** : Chapter  
**CHG** : Change Message  
**CHG** : Change of Modification  
**CHI** : Computer-Human Interface  
**CHIEF** : Project Switzerland (CH), Italy (I), Spain (E), France (F)  
**CHIRP** : Confidential human Factors Incident Reporting Programme  
**CHMI** : CFMU Human Machine Interface  
**CI** : Cirrus  
**CI** : Configuration Item  
**CI** : Cost Index  
**CI** : China Airlines (airline)  
**CI** : Course to Intercept (ARINC 424 Path Terminator)  
**CIA** : CFMU Internet Application  
**CIADN** : Croatian Integrated Aeronautical Data Network  
**CIC** : Clearances and Information Communications  
**CICT** : Convergence and Implementation Coordination Team (renaming of SICT)  
**CID** : Computer Interface Device  
**CIDIN** : Common ICAO Data Interchange Network  
**CIEL** : Common Interface Exchange Language  
**CIG(s)** : Ceiling(s)  
**CIM** : Customer Information Management  
**CIMIL** : Civil/Military Co-ordination  
**CINCAT** : Capacity Increase through Computer Assistance Tools  
**CINCENT** : Commander in Chief Central Europe  
**CINTIA** : Control of Inbound Trajectories of Individual Aircraft  
**CIO** : Conventional International Origin  
**CIP** : CFMU Implementation Plan  
**CIP** : Convergence and Implementation Programme  
**CIS** : Commonwealth of Independent States (States of former USSR)  
**CIS** : Cooperative Independent Surveillance  
**CIS** : Critical Incident Stress  
**CISD** : Critical Incident Stress Debriefing  
**CISM** : Critical Incident Stress Management (HRT)  
**CISMO** : Centralised International System Management Organisation  
**CIT** : Compressor Inlet Temperature  
**CIT** : Critical Incidence Technique  
**CIT** : Near or over large towns  
**CITRAC** : Common Interface for Trajectory Calculation  
**CIU** : Cabin Interface Unit  
**CIV** : Civil  
**CJEC** : Court of Justice of The European Communities (=CJEC, COJEC now European Court of Justice)  
**CJI** : Controller Justification Indicator  
**CK** : Check  
**CL** : Centre Line  
**CL** : Cleared  
**CL** : Connectionless Mode Service  
**CLA** : Clear type of ice formation  
**CLA** : OCM Clearnace Echoback Message (message in the OCM Service)  
**CLB** : Climb Detent of the Thrust Levers  
**CLBR** : Calibration  
**CLD** : Cloud  
**CLD** : DCL Clearance Message (message in the DCL Service)  
**CLG** : Calling  
**CLIMAX** : Multi-station carrier offset mode, with voting override  
**CLKWS** : Clockwise  
**CLNP** : Connection Less Network Protocol  
**CLNS** : Connection Less Network Service  
**CLR** : Clear or cleared to or clearance  
**CLSD** : Closed  
**CLTP** : Connection Less Transport Protocol  
**CLW** : Communications List Window  
**CLX** : OCM Clearance Message  
**cm** : Centimeter  
**CM** : Configuration (Context) Management  
**CM** : Common Memory (CBN - CNG)  
**CM** : Conformance Monitoring  
**CM** : Critical Milestone (MAS/DFS - ODS)  
**CMA** : Central Monitoring Agency (NAT)  
**CMA** : Context Management Application  
**CMB** : Climb  
**CMB** : Combined (PSR and SSR)  
**CMC** : Central Maintenance Computer  
**CMC** : Central Master Clock  
**CMC** : Constant Mach Blimb  
**CMCSG** : Civil and Military Co-ordination Sub-Group  
**CMG** : Crisis management Group  
**CMIC** : Civil Military Interface Standing Committee (New Convention)  
**CMIP** : Contract Management and Inspection Procedures  
**CMIS/CMIP** : Common Management Information System / Protocol  
**CMMC** : Central Monitoring and Management Centre  
**CMMC** : Common Maintenance Monitoring and Control  
**CMOS** : Complementary Metal Oxid Semiconductor  
**CMPL** : Completed or Completion or complete  
**CMS** : Central Message Switch  
**CMS** : Common Modular Simulator (CMTP)  
**CMSA** : Carrier Sense Multiple Access (ICAO-ADS)  
**CMSND** : Commisissioned  
**CMT** : Core Management Team  
**CMT** : Critical Milestone Test (MAS/DFS - ODS)  
**CMTP** : Common Medium Term Plan  
**CMU** : Communications Management Unit  
**CMV** : Coverage Measurement Volume  
**CN** : Change Notice  
**CN** : China (ISO Country Code)  
**CN** : Common Network (INTNET/RADNET)  
**CN** : Permanent Commission for the safety of air navigation  
**CNACC** : Common National Area Control Centre  
**CNATCC** : Common National Air Traffic Control Centre (Bulgaria)  
**CNG** : Common Network Group  
**CNL** : Cancel(lation) message (ICAO)  
**CNS** : Communication, Navigation and Surveillance  
**CNS** : Study Group of Alternates  
**CNS/ATM** : Communication, Navigation and Surveillance / Air Traffic Management  
**CNS/ATM-1** : Communication, Navigation and Surveillance / Air Traffic Management Package 1  
**CNTRLN** : Centerline  
**CO** : Connection Mode Service  
**CO** : Continetnal  
**COBALT** : Common Objective Alignment Team  
**COBT** : Calculated Off Block Time  
**COC** : Combat Operations Centre or Concept  
**COCESNA** : Central American Corporation For Air Navigation Service  
**COCOS** : Computer Controlled SSR Code Assignment

Procedures

**COD** : Common Medium-Term Plan Overview Document  
**CODA** : Central Office of Delay Analysis  
**CODE** : Aircraft address (expressed in the form of an alphanumerical code of six hexadecimal characters) when required by the appropriate ATS authority  
**CODEC** : Coder/Decoder (ACS)  
**CoE** : Centre of Expertise  
**COF** : Change of Frequency  
**COFA** : Comando Operacional Força Aérea (PT)  
**COFAR** : Common Options for Airport Regions  
**COFEE** : Consolidated (Checked) Operational data FEEder  
**COG** : Coordination Group (meeting of the EANPG Programme) ICAO  
**COHO** : Coherent Oscillator  
**COLL** : Collapse  
**COLOC** : Change of Location of Command  
**COM** : Cockpit Operating Manual  
**COM** : Communications (ICAO)  
**CoM** : EUROCONTROL Committee of Management  
**COM/DIV** : ICAO Communications Divisional Meeting  
**COM/MET** : Communications / Meteorology Divisional Meeting  
**COM/OPS** : Communications / Operations  
**COMALF-E** : Commander of Airlift Forces - Europe  
**COMED** : Combined Map and Electronic Display  
**COMG** : Communications Group  
**COMIL** : Coordination Centre for Military Airspace Use  
**COMIL-1N** : ATS Coordination Centre for Military Airspace Utilisation - Phase 1 Network  
**COMLAN** : COMMunication Local Area Network  
**Comm-B** : Mode S downlink format DF20 or 21  
**COMNAV** : Groupe de travail sur les Télécommunications et les installations de navigation (CEAC)  
**COMP** : Operating Company  
**COMPAS** : Computer Oriented Metering Planning and Advisory System  
**COMSEC** : Communications Security  
**COMT** : Communications Team  
**COMX** : Undefined Future Communication System  
**CON** : Continuous  
**CONC** : Concrete  
**COND** : Condition  
**CONDAR** : Conflict Detection and Resolution  
**CONDOR** : Confidential Direct Occurrence Report  
**CONF** : Conflict  
**CONFACP** : Conflict Accept  
**CONOPS** : Concept of Operations of Mode S in Europe  
**CONP** : Connection Oriented Network Protocol  
**CONS** : Continuous  
**CONST** : Construction or Constructed  
**CONT** : Continue  
**Cont'd** : Continued  
**CONUS** : Continental United States  
**COO** : Coordinator  
**COOR** : Co-ordinate or coordination  
**COORD** : Co-ordination  
**COP** : Change over Point  
**COP** : Contingency Operations Plan  
**COP** : Co-ordination Point  
**COPG** : Common Operating Procedures Group  
**COPP** : Connection Oriented Presentation Protocol  
**COPS** : Common Operational Performance Specifications  
**COR** : Correct or Corrected or Correction  
**COR** : Correlate  
**CORA** : Conflict Resolution Assistant  
**CorC++** : Computer language  
**CORE** : Controlled Requirements Expression  
**CORE** : CORE Requirements for ATM Working Positions  
**COROM** : Cognitive Competencies Model  
**CO ROUTE** : Company Route (also CO RTE)  
**CORUM** : Training and Human Resources Consultancy Company  
**COS** : Chief of Staff  
**COS** : Computer Operating Station

**COSAAC** : Common Simulator to Assess ATMF Concepts  
**COSP** : Connection Oriented Session Protocol  
**COSPAS** : Space system for the search of vessels in distress (translate. from Russian)  
**COST** : (European) Cooperation in the Field of Scientific and Technical Research  
**COSU** : CFMU/ENG D - Core Systems Unit  
**COSYNUS** : AIRBUS Training Database  
**COT** : At the Coast  
**COTP** : Connection Oriented Transport Protocol  
**COTR** : Contracting Officer's Technical Representative  
**COTS** : Commercial Off-The-Shelf (System)  
**COV** : Cover or Covered or Covering  
**CP** : Circular Polarisation  
**CP** : Conflict Probe (PATs)  
**CP** : Contact Person (Eurocontrol)  
**CP** : Control Panel  
**CP** : CWP Processor Unit  
**CPA** : Closest Point of Approach  
**CPC** : Constant Pitch Climb  
**CPC** : Control and Processing Centre  
**CPCs** : Certified Professional Controllers  
**CPCS** : Cabin Pressure Control System  
**CPD** : Continuous Professional Development  
**CPD** : Coupled  
**CPDLC** : Controller Pilot Data Link Communications  
**CPF** : Central Processing Facility  
**CPI** : Californian Psychological Inventory  
**CPL** : Commercial Pilots License  
**CPL** : Current Flight Plan (message)  
**CPL** : Customer Priority Listing (NOG)  
**CPR** : Conflict Prediction and Resolution  
**CPS** : Central Print Service / Central Processing System  
**CPS** : Characters Per Second  
**CPU** : Central Processing Unit  
**CR** : Central Region  
**CR** : Course to a VOR Radial (ARINC 424 Path Terminator)  
**CR** : Czech Republic  
**CR(A)OC** : Central Region (Air) Operations Centre  
**CRAF** : Central Reservation Airspace Facility  
**CRAF** : Civil Reserve Air Fleet  
**CRAF** : Computer Resolution Advisory Function  
**CRAFS** : Civilian Request for Airspace and Flight Data System  
**CRAM** : Conditional Route Availability Message  
**CRATF** : Communications Requirements Analysis Task Force  
**CRC** : Control and Reporting Centre  
**CRC** : Cyclic Redundancy Check  
**CRCO** : Central Route Charges Office  
**CRD** : Conflict Risk Display  
**CRDA** : Converging Runway Display Aid  
**CRDS** : CEATS Research & Development & Simulation Centre  
**CRDS** : Colour Raster Scan Display  
**CREME** : Creating the EATCHIP Management Environment  
**CRF** : Central Repair Facility (RMCDE - MAS)  
**CRITTER** : Civil Rotorcraft IFR Terminal-Area Technology Enhancement Research  
**CRM** : Cockpit / Crew Resource Management  
**CRM** : Collision Risk Modelling (ICAO - ADS)  
**CRM** : Co-ordination Revision Message  
**CRMCS** : Central RADNET Monitoring and Control System  
**CRNA** : Centre Régional de la Navigation Aérienne (DGAC/DNA/SCTA, France)  
**CRS** : Contingency Routing System  
**CRS** : Controller Route Sequence (FPPS/DECADE)  
**CRS** : Course  
**CRT** : Choice Reaction Time  
**CRZ** : Cruise  
**CS** : Callsign or Contract Signature  
**CS** : Cirrostratus  
**CS** : Collapsed Sector  
**CSAC** : Cooperative Structural Airspace Concept (ICAO)

**CSAR** : CFMU System Anomaly Report (FORM)  
**CSC** : Common Signalling Channel  
**CSCE** : Conference on Security and Cooperation in Europe  
**CSCW** : Computer Supported Co-operative Work  
**CSD** : Concept and System Domain  
**CSD** Constant Speed Drive  
**CSD** : Context and Scope Document  
**CSD** : Context Specification Document  
**CSDT** : Concept & Systems Development Team  
**CSDT** : Context and System Domain Team  
**CSEL** : Combat survivor evader locator  
**CSF** : Critical Success Factor (EATMS, CSD)  
**CSFR** : Czech and Slovak Federal Republic  
**CSI** : Combined Safety Investigation  
**CSI** : Critical Success Indicator  
**CSM** : Central Service Modules (RMCDE / RADNET)  
**CSM** : Chaotic Situation Management  
**CSMA** : Carrier Sense Multiple Access  
**CSMA/CD** : Carrier Sense Multiple Access with Collision Detect  
**CSN** : Channel Sequence Numbers  
**CSO** : CFMU/ENG/SOS - CFMU System Operations HELPDESK Team  
**CSP** : Communication Service Provider  
**CSPD Unit** : CEATS Strategy, Planning and Development Unit  
**CSPDU** : CEATS Strategic Planning & Development Unit  
**CSR** : Cursor  
**CSR** : Customer Service Requests (NOG - database for DPN operators)  
**CSSR** : Conventional SSR  
**CSU** : Control Sector Unit  
**CSU-P** : Centre Supervisor  
**CT** : Centre (select)  
**CT** : Cooperative Tools (PATs)  
**CT** : Core Tasks  
**CT** : Core Team  
**CTA** : Calculate Time of Arrival  
**CTA** : Controlled-Time of Arrival  
**CTA** : Cognitive Task Analysis  
**CTA** : Control Area (ICAO Term)  
**CTAM** : Climb to and maintain  
**CTAS** Center TRACON Automation System  
**CTB** : Co-operative Tube Based  
**CTC** : Cancel All Contracts And Terminate Connection Request (ICAO)  
**CTC** : Centralized Train Central  
**CTC** : Contact  
**CTD** : Calculated time of Departure  
**CTF** : Communication Task Force  
**CTG** : Common Training Group (of AISAP)  
**CTI** : Collegiate Training Initiative  
**CTL** : Control  
**CTMO** : Central Air Traffic Flow Management Organisation (ICAO concept)  
**CTN** : Caution  
**CTO** : Calculated Time Over  
**CTO** : Computed Time Over (CFMU - CASA)  
**CTOT** : Calculated Take Off Time  
**CTR** : Center  
**CTR** : Civil Tilt Rotor  
**CTR** : Controller or Control Zone  
**CTRL** Control  
**CTRS** : Common Time Reference System  
**CTS** : Command Tracking Stations  
**CTWUEC** : Committee of Transport Workers' Unions in the European Community (now FST : Federation of Transport Workers' Unions in the European Union = acronym formed from its French title)  
**CU** : Control Unit  
**CU** : Cumulus  
**CUF** : Cumuliform  
**CUG** : Closed User Group  
**CUP** : Computer Utility Program

**CUP** : CWP-Unit Processor  
**CUR** : Current Sector or Centre or Controller  
**CUST** : Customs  
**CV** : Curriculum Vitae  
**CVFR** : Controlled Visual Flight Rules  
**CVO** : Code Validity Overlap  
**CVR** : Cockpit Voice Recorder  
**CVR** : Console Voice Recorder  
**CVSM** : Conventional Vertical Separation Minimum  
**CVSRF** Crew-Vehicle Simulation Research Facility (NASA Ames)  
**CW** : Clockwise  
**CW** : Continuous Wave  
**CWAR** : Continuous Wave Acquisition Radar  
**CWBS** : Contract/Complete Work Breakdown Structure  
**CWDPS** : Central Weather Data Processing System  
**CWIR** : CFMU Generated What-If Re-routing  
**CWP** : Controller Working Position  
**CWS** : Control Wheel Steering  
**CWS** : Collision Warning System  
**CWY** : Clearway  
**CX** : Cathay Pacific Airways (airline)  
**CY** : Cyprus (ISO Country Code)  
**CY** : Cyprus Airways (airline)  
**CYPRO** : Cyprus Project for ATC Improvements  
**CYTA** : Cyprus Telecommunications Authority  
**CZ** : Czech Republic (ISO Country Code)  
**CZM** : Conventional Zero Meridian  
**CZW** : Conflict Zoom Window (ODID)

-D-

**D...** : Danger Area  
**D** : Day  
**D** : Derated  
**D** : Downward (tendency in RVR during previous 10 minutes)  
**D** : Germany  
**D&D** : Distress and Diversion  
**D.O.T** : Department of Transport  
**D/A** : Digital-to-Analog  
**D/D** Drift Down  
**D/L** : Data Link  
**DA** : Decision Altitude  
**DA** : Descent Adviser  
**DA** : Dimensional Aspect  
**DA** : Direct Access (VCS)  
**DA/H** : Decision Altitude Height  
**DAA** : Dynamic Airspace Allocation  
**DAAIS** : Danger Area Activity Information Service  
**DAARWIN** : Distributed ATM Architecture based on RNAV, Workstations, Intelligent tools, and Networks  
**DABS** : Discrete Address Beacon System (U.S.A)  
**DAC** : Deployable ACCS Component  
**DAC** : Direction Aviation Civile  
**DAC** : Dynamic Air Traffic Control Test  
**DACT** : Dissimilar Air Combat Training  
**DAF** : Demand Adjustment Factors  
**DADC** Digital Air Data Computer  
**DAFIF** : Digital Aeronautical Flight Information File  
**DAI** : Direct Access Intercom (VCS)  
**DAISY** : Distributed Airport Information System (RUN)  
**DAIW** : Danger Area Altitude Warning (or Area Proximity Warning)  
**DALGT** : Daylight  
**DAP** : Directorate of Airspace Policy  
**DAP** : Downlink Aircraft Parameter  
**DAPs** : Downlinked Aircraft Parameters  
**DARC** : Direct Access Radar Channel  
**DAS** : Directorate ATM Strategies (Eurocontrol)  
**DAS** : DME Based Azimuth System  
**DAS** : Dual Attachment Station (ODS - FDDI)  
**DASA, Dasa** : Deutsche Aerospace  
**DASR** : Department of ATC Systems Research  
**DAT** : Differential Aptitude Test

**DATALINK** Digitized Information Transfer (air/ground)  
**DATAS** : Datalink and Transponder Analysis System  
**D-ATIS** : Digital ATIS  
**DATS TF** : Delegation of ATS Task Force (ANT)  
**D-ATSU** : Downstream Air Traffic Service Unit  
**DAVINCI** : Departure and Arrival Integrated Management System for Cooperative Improvement of Airport Traffic Flow  
**DB** : Data Base  
**dB** : decibel  
**DBC** : Data Bank COMECON  
**DBE** : Data Bank EUROCONTROL  
**dB<sub>i</sub>** : decibel with respect to an isotropic antenna  
**dB<sub>m</sub>** : decibel, referenced to 1 milliwatt  
**DBMS** : Data Base/Data Bank Management System  
**DBS** : Data Base System  
**DBS** Direct Broadcast Satellite  
**dBW** : decibel, referenced to 1 watt  
**dBZ** : decibel, units of reflectivity  
**DC** : Departure Clearance (ICAO)  
**DC, d.c.** : Direct Current Electricity / Device Control  
**DCA** : Department of Civil Aviation (various countries)  
**DCA** : Director(ate) of Civil Aviation  
**DCAM** : Department Civil Aviation of Malta  
**DCC** : Data Country Code (CCITT X.121 Structure)  
**DCD** : Double Channel Duplex  
**DCDU** : Datalink Control and Display Unit  
**DCE** : Data Circuit-terminating Equipment (RADNET / RMCDE)  
**DCE** : Data Communications Equipment  
**DCF** : Discounted Cash Flow  
**DCF77** : German time standard, emitting on 77.5 kHz with call sign DCF  
**DCFEP** : Data (Digital) Communications Front End Processor  
**DCIA** : Dependent Convergent Instrument Approaches  
**DCKG** : Docking  
**DCL** : Departure Clearance  
**DCM** : Decomposition and Consolidation Matrix  
**DCM** : Document Configuration Management (EATCHIP/EATM)  
**DCM** : Downstream Clearance Message (Service)  
**DCMSN** : Decommission  
**DCMSND** : Decommissioned  
**DCOS** : Deputy Chief of Staff  
**DCP** : Display Control Panel  
**DCPC** : Direct Controller Pilot Communication  
**DCPs** : Dedicated Personal Computers  
**DCR** : Design Certification Review  
**DCR** : Display Control Readout (EAS)  
**DCRCO** : Director Central Route Charges Office  
**DCS** : Data Communications System  
**DCS** : Double Channel Simplex  
**DCT** : Direct (Routing)  
**DCT-LB** : Direct Telephone - Local Battery  
**DCTS** : Digital Communications Terminal System (UACM)  
**DCU** : Display Control Unit  
**DCW** : Digital Chart of the World  
**DDA** : Downstream Data Authority  
**ddb** : Dynamic Databank/Database  
**DDC** : Data Display Console  
**DDD** : Detailed Design Document  
**DDE** : Dynamic Data Exchange  
**DDL** : Data Description Language  
**DDM** : Data Display Monitor  
**DDP** : Declaration of Design Performance  
**DDP** : Distributed Data Processing  
**DDU** : Display Drive Unit  
**DE** : Germany (ISO Country Code)  
**DEA** : Data Exchange Agreement  
**Debrief** : Debriefing  
**DEC** Digital Equipment Corporation  
**DECADE** : DFS/EUROCONTROL Common ATC Development (ESCO)  
**DECCA** : Hyperbolic Area Navigation System  
**DECR** Decrement  
**DED** : Director EATCHIP Development (in the former Agency structure)  
**DEE** : Data Entry Equipment  
**DEEC** : Director of the Eurocontrol Experimental Centre  
**DEFAMM** : Demonstration Facilities for Airport Movement Management (Alcatel) (F)  
**DEG** : Data Environment Generator  
**Deg** : Degrees (Radar Standard)  
**DEGS** : Degrees  
**DEI** : Directorate EATCHIP Implementation (in the former Agency structure)  
**DEL** : Delete  
**DEL** : Deliverable  
**DEM** : German Marks  
**DEMETER** : Distance Measuring Equipment Tracer  
**DEMETER** : DME Metering (analysis tool for DME coverage / NAVSEP)  
**Demo** : Demonstration  
**DEP TC** : Departure Tactical Controller  
**DEP** : Depart, Departure (Message)  
**DEPA** : Departure Airfield  
**DEPCOS** : Departure Coordination System  
**DEP PROC** : Departure Procedure  
**DEP-VKL** : Departure Controller  
**DER** : Departure End of the Runway  
**DERA** : Defense Evaluation and Research Agency (UK)  
**DERD-X** : Display of Extracted Radar Data - Extension (- Mini Computer)  
**DERD-X/XL** : Display of Extracted Radar Data - Expanded/Expanded with LAN  
**DES** : Data Exchange System  
**DES** : De-Suspension Message  
**DES** : Descent  
**DES** : Draft Eurocontrol Standard Document  
**DESC** : Descending  
**DEST** : Destination Aerodrome (Airfield)  
**DETF** : Data Exchange Trest Facility  
**DE-TO PR** : Derated Takeoff Engine Pressure Ratio  
**DE-TO NI** : Derated Takeoff Engine Fan Speed  
**DETR** : Department of the Environment, Transport and the Regions (UK)  
**DETRESFA** : Distress Phase  
**DEV** : Deviation  
**DEV** : Domain Executive View  
**DEVD** : CFMU – Development Division  
**DF** : Direct to a Fix (ARINC 424 Path Terminator)  
**DF** : Direction Finding or Display Field (VCS)  
**DF** : Directorate Finance / Direction des Finances  
**DFDAU** : Digital Flight Data Acquisition Unit  
**DFDR** Digital Flight Data Recorder  
**DFGS/C** Digital Flight Guidance System/Computer  
**DFIS** : Data Link Flight Information Service (ICAO)  
**DFL** : Division Flight Level  
**DFL** : Dynamic Flight Leg  
**DFS** : Detailed Functional Specification (CBN - CNG)  
**DFS** : German ATC Corporation (Deutsche Flugsicherung GmbH)  
**DFTI** : Distance from Touchdown Indicator  
**DGAC** : Direction Générale de l'Aviation Civile (F)  
**DGCA** : Director General of Civil Aviation of ECAC Member States  
**DGE** : Director General Eurocontrol  
**DGNSS** : Differential Global Navigation Satellite System  
**DGOF** : Director General's Office  
**DGON** : Deutsches German Institute for Navigation  
**D-GPS** : Differential Global Positioning System (ICAO - ADS)  
**DGS** : Director General Secretariat  
**DGVII** : Directorate General of Transport / European Commission  
**DH** : Decision Height  
**DHMI** : Devlet Hava Meydanlari Isletmesi (TU) / State Agency for Airports and Air Traffic Control (Turkey)  
**DHP** : Direct Host Processor  
**DHR** : Directorate Human Resources  
**Di** : Detectability



**DIADAM** : Distributed ATM Data Management  
**DIANS** : Director Institute of Air Navigation Services  
**DIB** : Directory Information Base  
**DICE** : Direct Course Error  
**DID** : Direct Identification Data  
**DIF** : Diffuse  
**DIGEST** : Digital Exchange Standards  
**DIL** : Data Items List  
**DILCS** : Dedicated Intelligence Loop Circuits System  
**DIN** : Deutsche Industrie Norm  
**DIR** Direct  
**DIR/INTC** Direct Intercept  
**DIRA** : Department for Interdisciplinary Relations of Aviation  
**DIRCAM** : Direction de la Circulation Aérienne Militaire  
**DIS** : Data Displayed  
**DIS** : Directorate Infrastructure ATC Systems and Support (Eurocontrol, EATM)  
**DIS** : Distance  
**DISABLD** : Disabled  
**DISCR** : Discrepancy  
**DIS/HUM** : ATM Human Resources Unit (also know as HUM unit)  
**DIST** : Distance  
**DIV** : DIVert(ing) or DIVerging  
**DK** : Denmark (ISO Country Code)  
**DL** : Data Link  
**DL** : Delta  
**DL** : Delta Airlines (airline)  
**DLA** : Delay or Delayed (Message)  
**DLA** : ATS message indicator for delay (ICAO)  
**DLARD** : Data Link Application Requirements Document (Description) (ICAO)  
**DLASD** : DL Application System Document  
**DLCRD** : Data Link Communication Requirement Document  
**DLF** : Data Link Frame  
**DLH** : Deutsche Lufthansa (Germany)  
**DLIC** : Data Link Initiation Capability (ICAO)  
**DLL** : Data Link Layer  
**DLL** : Delay Locked Loop  
**DLP** Data Link Processor (the FAA's ground automation system that supports the Mode S subnetwork (GDLP), internetwork (ATN router) and non-ATC data link application processes)  
**DLPU** : Data Link Processing (Processor) Unit  
**DLR** : German Aerospace Centre (formerly the German Aerospace Research Institute)  
**DLS** : Data Link Splitter  
**DLT** : Delete  
**DLY** : Daily  
**DLW** : Departure List Window (ODID)  
**DM** : Maerks Air Denmark (airline)  
**DM** : Departure Manager (PATs)  
**DMA** : Decision Making Aids  
**DMA** : Defense Mapping Agency  
**DMA** : Direct Memory Access  
**DMA** : Divergence Monitoring and Alert  
**DMAN** : Departure Manager  
**DMAS** : Director Maastricht Control Centre  
**DMC** : Display Management Computer  
**DMC** : Detachment of Military Coordinators  
**DME** : Distance Measuring Equipment  
**DME/P** : Precise DME  
**DML** : Data Manipulation Language  
**DMR** : Data Modification Reques  
**DMS** : Database Management System  
**DMSTN** : Demonstration  
**DMU** : Data Management Unit  
**DNAs** : ECAC Directors of Air Navigation  
**DNG** : Danger or Dangerous  
**DNIC** : Data Network Identification Codes (CCITT X.121 Structure)  
**DNS** : Digital Network Signalling  
**DNTKFX** : DownTrack Fix  
**DOC** : Designated Operational Coverage  
**DOC** : Direct Operating Cost  
**DOC** : Document (ICAO)  
**DoD MIL** : Department of Defence - military  
**DoD** : Department of Defence (US)  
**DODAR** : Diagnosis, Options, Decision, Assessment and Revision  
**DOF** : Date of Flight  
**DOI** : Department of Industry  
**DOM** : Domestic  
**DOP** : Daily Operations Plan  
**DOP** : Dilution of Precision  
**DORA** : Directorate Operational Research and Analysis (UK)  
**DOS** : Disk Operating System  
**DOT** Department of Transportation  
**D-OTIS** : Data Link Operational Terminal Information Service  
**DOTS** : Dynamic Ocean Tracking System  
**DP** : Dewpoint Temperatur  
**DP** : Discussion Paper  
**DP&P** : Data Processing and Peripherals  
**DPA** : Distinguishing Path Attribute  
**DPC** : Defence Planning Committee  
**DPDG** : Diplomatic and Protocol Drafting Group  
**DPE** : Digital Plot Extractor  
**dpi** : dots per inch  
**DPL** : Deputy Project Leader  
**DPL** : Displayed Flight Plan  
**DPL** : Duplicate Plan  
**DPS** : ATM Data Processing System  
**DPS** : Detailed Production Specification  
**DPS** : Distributed Processing System  
**DPSADD-TF** : Data Processing Systems Architecture Description Document Task Force (ATD)  
**DPSK** : Differential Phase Shift Keying  
**DPT** : Depth  
**DPT** : Dynamic Time-based Planning  
**DR...** : Low drifting (followed by DU SA or SN)  
**DR** : Drifting (meteo)  
**DR** : Dead Reckoning  
**DR** : Disaster Recovery  
**DRA** : Defense Research Agency (UK)  
**DRAM** : Dynamic Random Access Memory  
**DRC** : Defence Review Committee  
**DRC** : Dynamic Route Change  
**DRCP** : Data Reduction Computer Program  
**DRDF** : Digital Readout Direction Finder  
**DRF** : Departure Flow Regulation  
**DRFT** : Snowbank(s) caused by wind action  
**DRG** : During  
**DRMS** : Distance Root Mean Square  
**DRU** Data Retrieval Unit  
**DRUG** : Dutch Radars Users Group (NL-Eurocontrol)  
**DRUM** : Diagnostic Recorder for Usability Measurement  
**DS** : Data Source  
**DS** : Dust Storm (meteo)  
**DSA** : Director(ate) Safety, Airspace, Airports and Information Services (Eurocontrol, EATM)  
**DSA** : Directory System Agent  
**DSAP** : Destination Service Access Point (RMCDE / RADNET)  
**DSB** : Double Side Band (8.33 User Guide)  
**DSC** : Downstream Clearance  
**DSCVHF** : Digital Selective Calling - Very High Frequency  
**DSF** : Distribution and Switching Facility  
**DSI** : Data Source Interface  
**DSI** : Denmark Sweden Interface  
**DSM** : Departure Suspense Message  
**DSP** : Datalink Status Panel  
**DSP** : Digital Signal Processor  
**DSP** : Domain Specific Part  
**DSPLCD** : Displaced  
**DSPY** Display (annunciation on CDU)  
**DSS** : Data Systems Specialist  
**DSS** : Decision Support System

**DSS** : Direct Subsystem  
**DST** : Decision Support Tools  
**DST** : Direct Support Task  
**DSU** : Data-Source Selector Unit  
**DSU** : Direct Support Unit  
**DT&E** : Development, Test and Evaluation  
**DTAM** : Descend to and maintain  
**DTE** : Data Terminal Equipment (RMCDE)  
**DTED** : Digital Terrain Evaluation Data (militaries ECAC)  
**DTG** : Date Time Group  
**DTF** : Data Link Test Facility (ICAO)  
**DTG** Distance-to-go  
**DTMF** : Dual Tone Multifrequency (code)  
**DTN** : Data Transport Network  
**DTP** : Desk Top Publishing  
**DTRT** : Deteriorate or Deteriorating  
**DTS** : Data Terminal Set  
**DTS** : Data Transmission System  
**DTU** : Data Transmission Unit (VCS)  
**DTVOR** : Doppler Terminal VOR  
**DTW** : Dual Tandem Wheels  
**DU** : Display Unit  
**DU** : Dust (meteo)  
**DUA** : Dedicated User Area  
**DUA** : Directory User Agent  
**DUAT** : Direct User Access Terminal  
**DUAU** : Data Update and Access Unit  
**DUC** : Dense Upper Cloud  
**DUR** : Duration  
**DVAS** : Documentation and Visual Aids Specialist  
**DVI** : Direct Voice Input  
**DVO** : Direct Voice Output  
**DVOR** : Distance VOR  
**DVOR** : Doppler VOR  
**DVORTAC** : Doppler VOR and Tacan  
**DVP** : Development and Verification Platform (part of EGNOS)  
**DW** : Dual Wheels  
**DWP** : Departure Waypoint  
**DYNAV** : Dynamic Route Availability  
**DZ** : Drizzle  
**DZ** : Algeria (ISO countries Codes)

**-E-**

**E** : East  
**E** : Spain  
**E/D** End-of-Descent  
**E/O** Engine-Out  
**E+M** : signalling  
**EA** : Europe Airports  
**EAA** : European Aviation Agency  
**EAC** : East Assistant Controller  
**EACAC** : Evolutionary AIR Ground Cooperative ATM Concept  
**EACG** : European ATFM Consultation Group  
**EACNSISG** : EATCHIP Architecture and CNS Infrastructure Sub-Group  
**EAD SGR** : EAD Sub-Group  
**EAD** : Earliest Arrival Date  
**EAD** : European AIS Database  
**EADCOS** : EAD Co-ordination Group  
**EADI** : Electronic Attitude Director Indicator  
**EADTF** : European AIS Database Task Force  
**EAG** : European ATFM Consultation Group and its two Subgroups (Operations and Systems Sub-Group)  
**EAG** : Event Analysis Group  
**EAIP / EAIP-TF** : Electronic Aeronautical Information Publication (Task Force)  
**EAM** : Eurocontrol Airspace Model  
**EAMG SSG** : EAMG Systems Sub-Group  
**EAMG** : European ATFM Management Group (supervision of the CFMU)  
**EAN** : European ATSO Network  
**EANPG** : European Air Navigation Planning Group (ICAO)

**EAP** : EATCHIP Alignment Process  
**EARTS** : En-Route Automated Radar Tracking System  
**EAS** Equivalent Airspeed  
**EAS** : EUROCONTROL Advisory Service / Division  
**EAS** : European AIS System  
**EASA** : European Aviation Safety Authority (Agency)  
**EASG** : EASIE ATM Support Group  
**EASIE** : Enhanced Air Traffic Management and Mode S Implementation in Europe  
**EAT** : Expected / Estimated Approach Time  
**EATCFMU** : European Air Traffic Central Flow Management Unit  
**EATCHIP LO** : EATCHIP Liaison Officer  
**EATCHIP OCD** : Operational Concept Document  
**EATCHIP** : European Air Traffic Control Harmonisation and Integration Programme (see **EATM**)  
**EATCOS** : ECAC TF on the Integration of European ATC Systems  
**EATF** : EATMS Architecture Task Force  
**EATM** : European Air Traffic Management Programme (former EATCHIP)  
**EATMP** : The European Air Traffic Management Programme  
**EATMS** : (Future) European Air Traffic Management System  
**EATN** : (European) Experimental Aeronautical Telecommunication Network  
**EAWDG** : EATMS Architecture Workshop Drafting Group  
**EB** : Eastbound  
**EB** : Executive Board (of the EUROCONTROL Agency)  
**EBAA** : European Business Aviation Association  
**EBCDIC** : Extended Binary Coded Decimal Interchange Code  
**EBP** : Emergency Bypass Processor  
**EC** : European Commission  
**EC** : European Community  
**EC** : Executive Controller (also referred to as 'Radar Controller')  
**EC** : Eyes closed  
**ECA** : Executive Controller Assistant  
**ECAC** : European Civil Aviation Conference  
**ECAC area** : European Civil Aviation Conference Area  
**ECAC Reference Levels** : European Civil Aviation Conference Area Reference Levels  
**ECAC Strategy** : European Civil Aviation Conference Strategy  
**ECAF** : ECAC Centralised Airspace Facility  
**ECAM** : Electronic Centralised Aircraft Monitoring (airborne display)  
**ECARDA** : European Coherent Approach to Research and Technological Development for ATM  
**ECBAG** : EATCHIP Cost-Benefit Advisory Group  
**ECC** : EATCHIP Co-ordination Committee  
**ECC-AIRS** : European Co-ordination Centre for Aircraft Incident Reporting Systems (EC)  
**ECCG** : Experimental Centre Consultation Group  
**eCE** : enlarged Committee for Route Charges  
**ECEF** : Earth-Centered-Earth-Fixed  
**ECET** : End of Civil Evening Twilight  
**ECG** : EATCHIP Communication Gateway  
**ECHO** : EATCHIP CNS/ATM Holistic Model Using RM-ODP  
**ECHQ** : Eurocontrol Headquarters  
**ECI** : EAD Client Interface  
**ECIP** : European Convergence and Implementation Plan  
**ECIPD** : Document ECIP  
**ECIT** : EAD Client Interface Terminal  
**ECM** : EATCHIP Co-ordination Meeting  
**ECM** : Electronic Counter Measure / Message  
**ECM** : Executive Control Message  
**ECM** : Extended Callsign Menu  
**ECMA** : European Computer Manufacturers' Association  
**ECMT** : European Conference of Ministers of Transport  
**eCN** : enlarged Commission  
**ECON** Economy (minimum cost speed schedule)  
**ECP** : Engineering Change Proposal

**ECP** : Expedite Clearance Procedure  
**ECR** : Event Contract Request (ICAO)  
**ECRS** : EATMS Concept & Requirements Sub-Group  
**ECRG** : Experimental Centre Review Group  
**ECS** : Environmental Control System  
**ECSC** : European Conference on Satellite Communications  
**ECT** : European Coordination Team  
**ECTF** : EATMS Concept Task Force  
**ECU** : European Currency Unit  
**Ed(s)** : Editor(s)  
**ED50** : European Datum 1950 (Geodetic system)  
**ED70** : European Datum 1970 (Geodetic system)  
**ED87** : European Datum 1987 (Geodetic system)  
**EDA** : Electro-Dermal Activity measurement  
**EDAG** : European Delay Analysis System Advisory Group  
**EDAS** : European Delay Analysis System  
**EDAS** : European Delay Analysis System  
**EDB** : Environmental Data Base  
**EDCT** : Expect Departure Clearance Time  
**EDD / TID** : EDD / Touch Input Device  
**EDD** : Electronic Data Display  
**EDDF** : Environmental Data Processing and Distribution Function  
**EDDUS** : EDD Update System  
**EDD-VKL** : EDD-controller/planner-controller  
**EDI** : Electronic Data Interchange  
**EDIFACT** : Electrical Data Interface for Administration Commerce and Transport  
**EDISOFT** : Empresa de Serviços e Desenvolvimento de Software, S.A. (PT)  
**EDMS** : Engineering Data Management System (ODS - MAS)  
**EDP** : Electronic Data Processing  
**EDP** : Environmental Data Processing  
**EDPD** : Environmental Data Processing and Distribution  
**EDS** : Explosives Detection System  
**EE** : Estonia (ISO Country Code)  
**EEB** : European Environmental Bureau  
**EEC** : Electronic Engine Control  
**EEC** : EUROCONTROL Experimental Centre  
**EEC** : European Economic Community  
**EEC/BSC** : Eurocontrol Experimental Centre / Building Steering Committee (decision DG)  
**EEE** : Etudes, Essais and Experimentation  
**EEG** : Electroencephalogram  
**EEI** : Essential Elements of Information  
**EEPROM** : Electrically Erasable Programmable Read-Only Memory  
**EES** : European Eastern States  
**EET** : Estimated Elapsed Time  
**EFAS** : Electronic Flash Approach Light  
**EFAS** : En Route Flight Advisory Service  
**EFCA** : Expect(ed) Further Clearance  
**EFDFMG** : EUROCONTROL Flow Data and Flow Management Group  
**EFDP** : European Flight Data Processing  
**EFIS** : Electronic Flight Instrument System  
**Eff** : Effective from (date)  
**EFL** : Entry Flight Level  
**EFL** : Estimated Flight Level  
**EFMS** : Experimental Flight Management System  
**EFFP** : España-France-Portugal Plan (co-operation agreement)  
**EFFD** : Extended Flight Plan Description  
**EFFM** : Extended Flight Plan Message  
**EFFS** : External Front Processing System (PALLAS system)  
**EFQM** : European Foundation for Quality Management  
**EFR** : Extended Flight Rules (FREER)  
**EFS** : Electronic Flight Strip  
**EFS** : Extended Flight Store  
**EFTA** : European Free Trade Association  
**EG** : Egypt (ISO Countries Codes)  
**EGA** : Enhanced Graphics Adapter  
**EGATCM** : Eurocontrol Guild of Air Traffic Controllers - Maastricht  
**EGATS** : EUROCONTROL Guild of Air Traffic Services  
**EGERIA** : Engineering Group for European Integration ATC  
**EGIP** : European Gateway for INO Provision  
**EGNOS** : European Global Navigation Overlay Service (SNA)  
**EGNOS-EM** : European Global Navigation Overlay Service - East Mediterranean  
**EGPWS** : Enhanced Ground Proximity Warning System  
**EGT** : Exhaust Gas Temperature  
**EGU** : European Gliding Union  
**EHA** : European Helicopter Association  
**EHD** : Danger Area (followed by identification) [NL]  
**EHF** : Extremely High Frequencies  
**EHQ** : Eurocontrol Headquarters  
**EHR** : Restricted Area (followed by identification) [NL]  
**EHSI** : Electronic Horizontal Situation Indicator  
**EHT** : Extremely High Tension  
**EI** : Air Lingus (airline)  
**EIA** : Electronic Industries Association  
**EIB** : European, Investment Bank  
**EICAS** : Engine Indicating Crew Alerting System  
**EIF** : Extended Interface Function  
**EIIC** : Electronics Installation and Implementation Centre  
**EIPA** : European Institute of Public Administration  
**EIRP** : Effective / Equivalent Isotropic Radiated Power  
**EIS** : Environmental Information Sampling  
**EIU** : Electronic Interface Unit  
**EL** : Electro-Luminescent  
**ELBA** : Emergency Location Beacon-Aircraft  
**EL/KYB** : EL Keyboard  
**ELEV** : Elevation (environment)  
**ELINT** : Electronic Intelligence  
**ELM** : Extended Length Message  
**ELR** : Extra Long Range  
**ELS** : Electronic Library Service (System)  
**ELS** : Emergency Landing Strip  
**ELT** : Emergency Locator Transmitter  
**ELW** : Extended Label Window  
**EM** : Emission  
**EMAS** : Environmental Management Audit System (Hamburg Airport)  
**EMBD** : Embedded (cumulonimbus) in a layer  
**EMC** : ElectroMagnetic Compatibility  
**EMCC** : EATM Management Coordination Committee  
**EMCON** : Emission Control  
**END** : Stop-end (related to RVR)  
**EME** : Expert militaire d'Eurocontrol  
**EMER** : Emergency  
**EMERALD** : EMERging and Activities of reLlevance to ATM concept Definition (European Commission)  
**EMERG** : Emergency  
**EMEU** : Eurocontrol Military Expert Unit  
**EMF** : Exercise Management Facility (Simulator)  
**EMG** : EAD Management Group  
**EMG** : ElectroMyoGram  
**EMG** : Emergency (ICAO)  
**EMH** : EATCHIP Management Handbook  
**EMI** : Electromagnetic Interference  
**EMIRA** : Eurocontrol Maastricht Information Retriever Application  
**EMIS** : EATCHIP Management Information System  
**EMM** : Extractor Monitoring Message  
**EMOTION 7** : European Maintenance Of TCAS II Logic Version 7.0 (EMOTION 7)  
**EMP** : ElectroMagnetic Pulse  
**EMS** : EATCHIP Management Support  
**EMS** : Emergency Medical Services  
**EMS** : European Mobile System  
**EMSO** : EATCHIP Management Support Organisation  
**EMSS** : European Mobile Satellite Services  
**EMT** : Eye-Movement tracking  
**EMTO** : ECAC Medium Term Objectives Group (to deal with 'Constraints to Growth')

<b>EMU</b> : Extended Memory Unit	<b>EROPS</b> : Extended Range Operations by Twin-Engine Aircraft
<b>EN</b> : Euro Norm (CEE)	<b>ERP</b> : Effective Radiated Power
<b>ENE</b> : East-North-East	<b>ERP</b> : Event-Related Potential
<b>ENG</b> : Engineering / Engine	<b>ERP</b> : Extracted Route Points (FPPS/DECADE)
<b>ENGD</b> : CFMU – Engineering Division	<b>ER-PC</b> : En-Route Planner Controller
<b>ENHANCE</b> : European Harmonised Aircraft Noise Control modelling Environment (NATS-DORA)	<b>ERR</b> : Error Message
<b>ENJJPT</b> : Euro-NATO Joint Jet Pilot Training	<b>ERS</b> : Early Retirement Scheme
<b>ENOC</b> : European Network Operating(tion) Concept	<b>ERS</b> : Extracted Route Sequence
<b>ENPRM</b> : European Notice of Proposed Rule-Making	<b>ERSS</b> : Eurocontrol Radar Surveillance Standard
<b>ENR</b> : En-route (ICAO)	<b>ERT</b> : Estimate Revision Message
<b>ENRI</b> : Electronic Navigation Research Institute (USA - ADS)	<b>ERT</b> : Execution Reference Time
<b>ENRT</b> : En Route	<b>ERV</b> : ECM Resistant Voice
<b>ENV</b> : Environment System	<b>ES</b> : Elementary Sector
<b>EO</b> : Executive Objectives (EATMS - CSD)	<b>ES</b> : Emergency System
<b>EO</b> : Eyes Open	<b>ES</b> : End Service / System
<b>EOBD</b> : Estimated Off Block Date	<b>ES</b> : Eurocontrol Standard (Document)
<b>EOBT</b> : Estimated Off Block Time	<b>ES</b> : Spain (ISO Country Code)
<b>EOC</b> : Edge Of Coverage	<b>ESA</b> : Electronically Scanned Array
<b>EOCD</b> : EATMS Operational Concept Document	<b>ESA</b> : European Space Agency (=ASE)
<b>EODP</b> : EATMS Options Discussion Paper	<b>ESE</b> : East-South-East
<b>EOG</b> : ElectroOculoGram	<b>ESARR</b> : Eurocontrol Safety Regulatory requirements
<b>EOIG</b> : EGNOS Operators and Infrastructure Group - the ATS providers in the states formerly known as the IKD States	<b>ESCAPE</b> : EUROCONTROL Simulation Capability And Platform for Experimentation
<b>EOLIA</b> : European Pre-operational Datalink Applications Project	<b>ESCAT</b> : Emergency Security Control of Air Traffic
<b>EONS</b> : Eurocontrol Open and Generic Graphic System	<b>ESCO</b> : Executive Support and Coordination Office
<b>EOQ</b> : European Organisation for Quality	<b>ESDF</b> : Environmental Static Data Processing and Distribution Function
<b>EP</b> : Expert Panel	<b>ESDI</b> : Enhanced Small-Device Interface
<b>EPAC</b> : EATCHIP Policy and Allocation Committee	<b>ESF</b> : Essential Support Facilities
<b>EPAC</b> : Eurocontrol Programme Appraisal Committee	<b>ESL</b> : Entry Sequence List
<b>EPB</b> : EATCHIP Project Board	<b>ESME</b> : Enhanced Simulation Modelling Environment
<b>EPC</b> : Enhanced Planning and Coordination function (project of MDP phase I)	<b>ESP</b> : En-route Spacing (Program)
<b>EPCM</b> : Enhanced Planning Control Message	<b>ESPRIT</b> : European Strategic Programme for Research and Development in Inform. Technology
<b>EPD</b> : EATCHIP Planning Division	<b>EST</b> : Estimated
<b>EPG</b> : EASIE Policy Group	<b>EST</b> : Boundary Estimate Message
<b>EPHOS</b> : European Handbook for Open Systems	<b>EST</b> : Estimate message designator
<b>EPIC</b> : European Programme for the Implementation of a Common geodetic reference frame (WGS 84)	<b>ESTEC</b> : European Space Technology and Research Centre
<b>EPIC</b> : Extended PCM Interface Controller (ACS)	<b>ESTEEM</b> : Elaboration of a Strategy for the Transition from EATCHIP phase III to the EATMS
<b>EPM</b> : EATCHIP Planning Method	<b>ESUP</b> : Eurocat Support System
<b>EPM</b> : Electromagnetic Protection Modification	<b>ET</b> : (Shuttle) External Tank
<b>EPMB</b> : EASIE Programme Management Board	<b>ET</b> : Executive Task
<b>EPR</b> : Engine Pressure Ratio	<b>ETA</b> : Estimated Time of Arrival / Estimating Arrival
<b>EPR, DGS/EPR</b> : External and Public Relations	<b>ETD</b> : Estimated Time of Departure
<b>EPROM</b> : Erasable-Programmable Read-Only-Memory	<b>ETE</b> : Estimated Time of Entry
<b>EPRT</b> : External Processing Response Time	<b>ETFDD</b> : Electronic Tabular Flight Data Display
<b>EPS</b> : Exercise Preparation Suite (Simulator)	<b>ETFDM</b> : Electronic Tabular Flight Data Message
<b>EPSU</b> : European Public Service Union	<b>ETFMS</b> : Enhanced Tactical Flow Management System
<b>EPT</b> : Estimated Parking Time	<b>ETG</b> : European GNSS Tripartite Group (European Community, Eurocontrol, European Space Agency)
<b>EPT</b> : Eurocontrol English language Placement Test	<b>ETL</b> : Extended Track Label
<b>Eqpt</b> : Equipment	<b>ETMA</b> : Extended Terminal Manoeuvring Area
<b>EQUATOR</b> : Environment for Qualitative Temporal Reasoning (AI)	<b>ETO</b> : Estimated Time Overhead (significant point)
<b>EQPT</b> : Equipment	<b>ETOPS</b> : Extended Range Twin Engine Operations
<b>ER</b> : En-Route	<b>ETOT</b> : Estimated Take Off Time
<b>ER TC</b> : En-Route Tactical Controller	<b>ETR</b> : ETSI Technical Report
<b>ERA</b> : European Regional Airlines Organisation	<b>ETRAS</b> : Easy Transported Radar Analysis System
<b>ERABIS</b> : (Swedish) Route Invoicing System	<b>ETREM</b> : Eurocontrol Technical Requirements Model (EAS)
<b>ERATO</b> : En Route Air Traffic Organiser	<b>ETRF</b> : European Terrestrial Reference Frame
<b>ERCG</b> : External Relations Coordination Group	<b>ETS</b> : Early Termination of Service
<b>ERCS</b> : EXM Resistant Communications System	<b>ETSI</b> : European Telecommunications Standardisation Institute
<b>ERD</b> : End Routing Domain	<b>ETX</b> : End of Transmission
<b>ERDF</b> : European Regional Development Fund	<b>ETX</b> : Estimated Time of Exit
<b>ERFA</b> : Conference on the Economics of Route Air Navigation Facilities and Airports (ICAO)	<b>EU</b> : Electronic Unit
<b>ERIP</b> : EAD Remote Interface Package	<b>EU</b> : European Union
<b>ERM</b> : En-Route Metering	<b>EU-ACA</b> : European Union Airport Coordinators Association (represent more than 120 airports throughout the European Union)
<b>ERM</b> : Estimate Revision Message	<b>EUCARF</b> : European Central Altitude Reservation Facility
<b>ERN</b> : Earth Referenced Navigation	<b>EUM, EUMED, Eumed</b> : Europe Mediterranean Air
<b>ERNP</b> : European Radio Navigation Plan (European Commission)	

navigation Region (ICAO)  
**EUR ANP** : Air Navigation Plan in Europe (ICAO Region)  
**EUR ATN** : European ATN  
**EUR RAN** : European Regional Air Navigation (Meeting)  
**EUR RASC** : Regional AIS System Centre inside the ICAO EUR region  
**EUR** : Euro  
**EUR** : European  
**EUR** : European Region (ICAO)  
**EURACA** : European Air Carrier Assembly  
**EURAM** : European Research in Advanced Materials = BRITE  
**EURAP** : European Regional ATS Packet Switching Network (DAKOS+CBN)  
**EURATN** : European experimental Aeronautical Telecommunications Network / Réseau européen de télécommunications aéronautiques  
**EURET** : European Research for Transport (European Communities) ; Specific Resource and Technological Development Programme in the Field of Transport  
**EURO** : Eurocontrol  
**EURO/5-States RSG** : Eurocontrol/5-States Route Structure Group  
**EUROCAE** : European Organisation for Civil Aviation Equipment manufacturers  
**EUROCAEDS** : European Organisation for Civil Aviation Equipment  
**EUROCONTROL** : European Organisation for the Safety of Air Navigation  
**EUROSIM** : Eurocontrol Simulator at the Institute of Air Navigation Services  
**EUROSTAT** : Statistical Office of the European Communities  
**EUR-RAN** : European Regional Air Navigation  
**EV** : Every  
**EVAS** : EATMS Validation Strategy  
**EVP** : EATM Validation Project (formerly C3T)  
**EVS** : Enhanced Visual System  
**EVS** : Evaluation System  
**EW** : Eurowings (airline)  
**EWA** : Error Warning Area  
**EWAN** : EGNOS Wide Area Network  
**EWBS** : EATCHIP Work Breakdown Structure  
**EWG** : Executive Working Group  
**EWP** : EATCHIP Work Programme  
**EWP** : EATM Work Programme  
**EWP** : Enhanced Working Position  
**EWPA** : EATCHIP Work Programme Adaptation  
**EWPD** : EATCHIP Work Programme Document  
**EWPD** : EATM Work Programme Document  
**EWS** : Early Warning System  
**EWS** : Experimental Workstation Simulator  
**EWT** : EATMS Working Team (CSD)  
**ex GDR** : ex German Democratic Republic  
**EXC** : Executive Controller  
**EXC** : Exept  
**EXEC** : Execute  
**EXER** : Exercise(s) or Exercising or to Exercise  
**EXP** : Expected  
**EXPLT** : Extrapolate  
**EXSPEC** : Exercise Specification  
**EXTD** : Extend or Extending  
**extra EUR RASC** : Regional AIS System Centre outside the ICAO EUR region  
**EXY** : Easyjet (airline)

-F-

**F** : Fahrenheit  
**F** : France  
**F** : Fixed  
**F&CM** : Flow And Capacity Management  
**F/G** : Foreground  
**F18** : Field 18 of Flight Plan  
**FA** : Final Approach  
**FA** : Course from a Fix to an Altitude (ARINC 424 Path

Terminator)  
**FAA** : Federal Aviation Administration  
**FAA** : Federal Aviation Authority  
**FAA-STD-042** : National Airspace System Open System Interconnection Naming and Addressing (ISO Standards for Open Systems Interconnection and Data Communication published by ISO, International Standards Organisation).  
**FAATC** : FAA Test Centre  
**FAC** : Facilities  
**FAC** : Final Approach Course (same as IS)  
**FAC** : Flight Augmentation Computer  
**FACC** : Feature and Attribute Coding Catalogue  
**FACF** : Final Approach Course Fix  
**FACTOR** : Development of Functional Concepts from the EATMS Operational Requirements  
**FACTS** : Future Area Control Tools Support  
**FADEC** : Full Authority Digital Engine Control  
**FAF** : Final Approach Fix  
**FAI** : Fédération Aéronautique Internationale (F)  
**FAIL** : FMC Fail  
**Failure** : The inability of a system, subsystem, unit or part to perform within previously specified limits.  
**FAF** : Final Approach Fix  
**FAL** : Facilitation of International Air Transport  
**FAN** : False Alarm Normaliser (radar)  
**FANOMOS** : Flight track and Aircraft NOise MONitoring System (RMCDE)  
**FANS** : Future Air Navigation Systems (ICAO)  
**FANS-1** : Future Air Navigation Systems 1, an initial operational datalink package for the South Pacific  
**FANS-A** : Future Air Navigation Systems A, an initial operational datalink package for AIRBUS aircraft  
**FANSTIC** : Future ATS and New Systems Impacts on Cockpit  
**FAP** : Final Approach Point  
**FAP** : Future ATM Profile (simulation Brétigny)  
**FAR** : False Alarm Rate  
**FAR** : Federal Aviation Regulations (federal rules under which flight operations are conducted)  
**FAR** : Federal Acquisition Regulation  
**FARAWAY** : Fusion of Radar and ADS Data through two WAY datalink  
**FAS** : Final Approach Segment  
**FAS** : Flight level Allocation System  
**FASID** : Facilities And Services Implementation Document (ICAO)  
**FAST** : Final Approach Spacing Tool  
**FASTER** : Future AO-ATM-Airports Synergy Towards Enhanced Operations  
**FAT** : Factory Acceptance Test  
**FAT** : Force Aérienne Tactique  
**FATAC** : French Air Force Tactical Air Command  
**FATMI** : Finnish ATM Integration  
**FATO** : Final Approach and Take-off Area  
**FATUREC** : Federation of Air Transport User Representatives in the EEC  
**FAWP** : Final Approach Waypoint  
**FAX** : Facsimile  
**FB** : FallBack  
**FBL** : Light (used to indicate the intensity of weather phenomena, interference or static reports, e.g. FBL RA = light rain)  
**FBS** : Fall-Back System  
**FBO** : Fixed Based Operator  
**FC** : Course from a Fix to a Distance (ARINC 424 Path Terminator)  
**FC** : Feeder Controller  
**FC** : Formalised Clearances  
**FC** : Frequency Change  
**FC** : Funnel Cloud (meteo) (tornado or water spout)  
**FCA** : Functional Configuration Audit (MAS - ODS)  
**FCB** : Frequency Coordinating Body  
**FCC** : Federal Committee for Communications  
**FCC** : Flight Control Computer  
**FCC** : Flow Co-ordination Cell

<b>FCD</b> : Flow Control Decision	<b>FIC</b> : Flight Information Centre
<b>FCDS</b> : Frequency Channel and Distribution System	<b>FIC</b> : Frequency Intercom
<b>FCE</b> : Flow Control Execution	<b>FIDS</b> : (Swedish) Flight Information Display System
<b>FCG</b> : Financial Consultation Group (AFG)	<b>FIFO</b> : First in, First out
<b>FCM</b> : Flight Confirmation Message	<b>FILTIM</b> : Date and Time Stamp of original Message
<b>FCNP</b> : Fire Control and Navigation Panel	<b>FIN</b> : Financial Services
<b>FCO</b> : Future Concepts (EATCHIP domain)	<b>FIN</b> : Finland
<b>FCOM</b> : Flight Crew Operating Manual	<b>FIO</b> : Flight Information Office
<b>FCOT</b> : Future Concepts Team	<b>FIR</b> : Flight Information Region
<b>FCR</b> : Flow Control Request	<b>FIRST</b> : Flexible Independent Radar Skill Trainer (MAS)
<b>FCS</b> : Frame Check Sequence (RMCDE)	<b>FIS</b> : Flight Information Service
<b>FCST</b> : Forecast	<b>FISA</b> : Automated flight Information Service
<b>FCT</b> : Friction Coefficient	<b>FIS-B</b> : Flight Information Service - Broadcast
<b>FCTL</b> : Flow Control	<b>FISC</b> : Flight Information Services Communications
<b>FCU</b> : Flight Control Unit	<b>FISO</b> : Flight Information Service Officer
<b>FD</b> : Course from a Fix to a DME Distance (ARINC 424 Path Terminator)	<b>FIT</b> : Factory Inspection Test
<b>Fd</b> : Doppler Frequency	<b>FIT</b> : Flight Integration Task
<b>FD</b> : Flight Data	<b>FIT</b> : Flight Plan Input Terminal
<b>FD</b> : Flight Director	<b>FITAMS</b> : Flight Trials of ATN and Mode S activity
<b>FDA</b> : Flight Data Assistant	<b>FIW</b> : Flight Input (Information) Workstation
<b>FDB</b> : Full Data Block	<b>FIX</b> : Fixpoint, Position in space usually on aircraft's flight plan
<b>FDAMS</b> Flight Data Acquisition and Management System	<b>FL</b> : Flight Level
<b>FD</b> Flight Data Company	<b>FLAS</b> : Flight Level Allocation Scheme
<b>FDDI</b> : Fiber Distributed Data Interface (LAN - RMCDE / MAS)	<b>FLAS</b> : Flight Level Allocation System
<b>FDDI</b> : Fiberoptical Digital Data Interchange	<b>FLCH</b> Flight Level Change
<b>FDE</b> : Flight Data Exchange	<b>FLD</b> : Field
<b>FDE-ICD</b> : Flight Data Entry - Interface Control Document	<b>FLG</b> : Flashing
<b>DFDM</b> : Flight Data and Flow Management	<b>FLIDRAS</b> Flight Data Replay and Analysis System
<b>DFDMG</b> : Flight Data and Flow Management Group	<b>FLIP</b> : Flight Information Publication
<b>FDG</b> : Flight Data Group (MAS)	<b>FLIPCY</b> : Flight Plan Consistency
<b>FDG</b> : Flight plan Data Generator	<b>FLO</b> : ATS/ATFM Co-ordination meeting (ICAO)
<b>FDM</b> : Flight Data Message	<b>FLO</b> : Flow meetings
<b>FDMA</b> : Frequency Division Multiplex Access	<b>FLOE</b> : Informal ATS / ATFM Co-ordination Meeting - Europe East
<b>FDMAS</b> : Flight Data Management Automated System (It. ATFM)	<b>FLOEast</b> : Informal Flow control Meeting - Europe East (ICAO/EANPG)
<b>FDMD</b> : Flight Data Management and Distribution	<b>FLOS</b> : Flight Level Orientation Scheme
<b>FDO</b> : Flight Data Operations Division	<b>FLOW</b> : Informal ATS / ATFM Co-ordination Meeting - Europe West
<b>FDOD</b> : CFMU – Flight Data Operations Division	<b>FLOWest</b> : Informal Flow control Meeting - Europe West (ICAO/EANPG)
<b>FDP</b> : Flight Data Processing / Flight-plan Data Processor	<b>FLOWTAM</b> : NOTAM on ATFM Measures
<b>FDPD</b> : Flight DATA Processing and Distribution	<b>FLR</b> : Flares (Parachute flares)
<b>FDPS</b> : Flight Data Processing System	<b>FLS</b> : Flight Suspension Message
<b>FDR</b> : Flight Data Recorder (CDB / CFMU)	<b>FLT</b> : Flight
<b>FDS</b> : Flight Data Section	<b>FLT/PLN</b> : Flight Plan
<b>FDSU</b> : Flight Data Storage Unit	<b>FLTAB</b> : Flight Level Table
<b>FE</b> : tones injected by the Far End switch	<b>FLTCK</b> : Flight Check
<b>FEAST</b> : First European ATCO Selection Test Package	<b>FLUC</b> : Fluctuating or fluctuation or fluctuated
<b>FEATS</b> : Future European Air Traffic (Management) Systems (ICAO)	<b>FLTP</b> : Flexible Luxembourg Training Platform
<b>FEC</b> : Forward Error Correction	<b>FLW</b> : Follow(s) or following
<b>FED</b> : Fonds européen de développement	<b>FLY</b> : Fly or Flying
<b>FEDER</b> : Fonds européen de développement régional (= ERDF)	<b>FM</b> : Course from a Fix to a Manual Termination (ARINC 424 Path Terminator)
<b>FEP</b> : Front End Processor	<b>FM</b> : Flow Manager
<b>FES</b> : Fixed Earth Station	<b>FM</b> : Flight Management
<b>FEW</b> : Few	<b>FM</b> : Frequency Management
<b>FF</b> : Fuel Flow	<b>FM</b> : From
<b>FFA</b> : Functional Failure Analysis	<b>FM...</b> : From (followed by time weather change is forecast to begin)
<b>FFAS</b> : Free Flight Airspace	<b>FMA</b> Flight Mode Annunciator: display on or near the PFDs of the current modes of autoflight system
<b>FFI</b> : Final Factory Inspection (CBN - CNG)	<b>FMAQ</b> : Flight Management Attitudes Questionnaire
<b>FFM</b> : Frankfurt/Main	<b>FMC</b> : Flight Management Computer (also FMCS - FMC System)
<b>FFM</b> : Free Flight Mode	<b>FMCG</b> : Flow Management Co-ordination Group
<b>FFTF</b> : Future Functions Task Force (4-States/Eurocontrol)	<b>FMD</b> : CFMU – Flow Management Division
<b>FFU</b> : Fire Fighting Unit	<b>FMEA</b> : Failure Modes and Effects Analysis
<b>FG</b> : Fog (meteo)	<b>FMECA</b> : Failure Modes, Effects and Criticality Analysis
<b>FGS/C</b> Flight Guidance System/Computer	<b>FMG</b> : Flow Management Group (ICAO)
<b>FHA</b> : Functional Hazard Assessment	<b>FMGC</b> : Flight Management and Guidance Computer
<b>FI/P</b> : Flight Inspection Permanent	<b>FMGS</b> : Flight Management and Guidance System
<b>FI/T</b> : Flight Inspection Tempay	<b>FMP</b> : Flow Management Planning / Position (CFMU - ECAC States)
<b>FI</b> : CFMU/MSB – Finance Team	<b>FMPG</b> : Flow Management Planning Group
<b>FI</b> : Finland (ISO Country Code)	
<b>FI</b> : Iceland Air (airline)	
<b>F</b> : Flight Instructor	
<b>FIAT</b> : First Installed Article Test	
<b>FIB</b> : Forward Information Base	

**FMS** : Flight Management System  
**FMU** : Flight Management Unit  
**FMU** : Flow Management Unit  
**FN** : False Negative  
**FNA** : Final Approach  
**FNM** : Flight Notification Message  
**FNPT** : Flight and Navigation Procedure Trainer  
**FO** : First officer  
**FOC** : Full Operational Capability  
**FOCA** : Federal Office for Civil Aviation (Switzerland)  
**FOCA** : Floor of Controlled Airspace  
**FOM** : Figure of Merit (ICAO - ADS)  
**FOQA** : Flight Operations Quality Assurance  
**FOR-DEC** : Facts, Options, Risks and Benefits, Decision, Execution and Check  
**FOU** : Frequency of Use  
**Four-state BFWG** : Four-State Budgetary and Financial working Group  
**FP 5** : Fifth Framework Programme of the European Community for Research, Technological Development and Demonstration  
**FP** : False Positive  
**FP** : Flight Plan  
**FP** : Framework Programme (of the European Commission)  
**FPA** : False Plot Analysis  
**FPA** : Flight Path Angle  
**FPA** : Focal Plane Array  
**FPAP** : Flight Path Alignment Point  
**FPB** : Flight Progress Board  
**FPCP** : Flight Path Control Point  
**FPD** : Flight Plan Data  
**FPDETF, FPRDETF** : Flight Plan related Data Exchange Task Force  
**FPF** : Flight Plan Fallback  
**FPFS** : First Planned First Served  
**FPL** : Filed Flight Plan (ICAO format)  
**FPL** : Full-Performance Level  
**FPLA** : Field Programmable Logic Array  
**FPLA** : CFMU/DEVD - Flight Plan Application Section  
**FPLMTS** : Future Public Land Mobile Telecommunications System  
**FPM** : Feet-per-Minute  
**FPM** : Flight Path Monitor (PATs)  
**FPM** : Flight Position Monitor  
**FPM** : Flight Progress Message  
**FPP** : Flight Plan Processing  
**FPPS** : Flight Plan Processing System  
**FPPU** : Flight Planning and Flight Progress Updating  
**FPR** : Flight Plan Route  
**FPS** : Flight Plan Server  
**FPS** : Flight Progress Strip  
**FPS** : Functional Performance Specification  
**FPT** : Flight Plan Terminal  
**FPWO** : Flight Plan Work Station Operator  
**FPZ** : Flight Path Zone (ODID)  
**FQIS** : Fuel Quantity Indicating System  
**FQR** : Formal Qualification Review  
**FR** : France (ISO Country Code)  
**FR** : From  
**FR** : Fuel Remaining  
**FRA** : Failure Reporting and Analysis  
**FRA** : Free Route Airspace  
**FRA** : Flap Retraction Altitude  
**FRA** : Federal Railroad Administration  
**FRB** : Failure Review Board  
**FREER** : Free Route Experimental Encounter Resolution  
**Freq** : Next Sector frequency  
**FRF** : Further Route of Flight  
**FRG** : Federal Republic of Germany  
**FRH** : Fly Runway Heading  
**FRM** : Financial Resources Management Core Team  
**FRNG** : Firing  
**FRONT** : Front (relating to weather)  
**FRQ** : Frequent  
**FRS** : Functional Requirements Specifications

**FRUIT** : False Replies from Unsynchronised Interrogator Transmissions ; Friendly Replies Unsynchronised in Time.  
**FRZN** : Frozen (meteo)  
**FS** : Foot Switch (VCS)  
**FS** : Functional Statement (ICAO - ADS)  
**FSA** : First System Activation (message)  
**FSD TF** : Functional Specification Development Task Force (EASIE/MODE S)  
**FSF** : Flight Safety Foundation  
**FSK** : Frequency Shift Keying  
**FSL** : Full Stop Landing  
**FSM** : Flight Schedule Monitor.  
**FSM** : Frequency Shift Modulation  
**FSP** : Flight Strip Printer  
**FSPEC** : Field SPECification : field of variable length, indicating which data fields are present in a record and in which order (see also Record)  
**FSS** : Automated/Flight Service Station  
**FST** : First  
**ft** : Feet  
**FTC** : Fast Time Constant  
**FTE** : Flight Technical Error  
**FTE** : Full Time Employee  
**FTE** : Full Time Equivalent  
**FTFM** : Filed Tactical Flight Model  
**FTmn** : False Track Length Mean  
**FTP** : File Transfer Protocol  
**FTprob** : False Track Probability  
**FTS** : Fast-Time Simulation System  
**FTsd** : False Track Length Standard Deviation  
**FTT** : Flight Technical Tolerance  
**FU** : Smoke (meteo)  
**FUA** : Flexible Use of Airspace  
**FUAG (FUSG)** : Flexible Use of Airspace Group (sub-group of APT)  
**FUCOZOC** : Fuel Consumption Estimator in a ZOC  
**FUSG** : Flexible Use of Airspace Sub-Group (Sub-Group of ANT)  
**FUT, FCO** : Future Concepts  
**FVS** : Flight Verification System  
**FWC** : Flight Warning Computer  
**FX** : Field Extension Indicator (ASTERIX)  
**FY** : Fiscal Year  
**FYP** : Five Year Programme  
**FYROM** : Former Yugoslav Republic of Macedonia  
**FZ** : Freezing (meteo)  
**FZDZ** : Freezing Drizzle  
**FZFG** : Freezing Fog  
**FZRA** : Freezing Rain

-G-

**G/A** : Ground to Air  
**G/G** : Ground / Ground  
**G/T** : Gain over noise Temperature Ratio  
**G** : Green  
**G** : Gusts (meteo)  
**GA** : Garuda (airline)  
**GA** : General Aviation  
**GA** : Go-Around  
**GAAP** : Generally Accepted Accounting Principles  
**Ga-As** : Gallium-Arsenid  
**GAAS** : Generic Approach for ATM Systems  
**GAC** : General Aviation Centre  
**GACS** : Generic ATN Communication Service  
**GAF** : German Air Force  
**GAFLO** : German Air Force Liaison Officer  
**GAFO** : German Air Force Office  
**GAFOR** : General Aviation Forecast (Meteo)  
**GAIT** : Ground-Based Augmentation and Integrity Technique  
**GAME** : GEADGE/ADKAR Message Exchange  
**GAMET** : Area forecast for low-level operations  
**GAR** : Go-Around  
**GARTEUR** : Group for Aeronautical Research and Technology in Europe

**GASC** : Global Aviation Satellite Communications System  
**GASR** : Group of AGA Safety Regulators (AOT list)  
**GAT** : General Air Traffic or Terminal  
**GATE** : Group of ATM in the Eastern Part of the ICAO EUR Region, including Middle Asia  
**GB** : United Kingdom (ISO Countries Codes)  
**GBA** : Geostationary Broadcast Area  
**GBAS** : Ground Based Augmentation System  
**GBCC** : Ground Based Control Complex  
**GC** : Graphics Controller  
**GC** : Ground Control/Controller  
**GCA** : German Cockpit Association  
**GCA** : Government Quality Assurance  
**GCA** : Ground Controlled Approach  
**GCAS** : Ground-based Collision Avoidance System  
**GCE** : General Certificate of Education  
**GCL** : Graphical Information Category Cursor Line (EAS)  
**GCS** : Ground Control Segment  
**GCSE** : Generate Certificate of Secondary Education  
**GCST** : Group for Coordination of STAR (Studies, Tests and Applied Research)  
**GCTA** : Gestion des Courants de Trafic Aérien (=ATFM)  
**GCWP** : Generic Controller Working Position  
**GDCA** : General Directorate for Civil Aviation (SP)  
**GDCE** : Ground Data Circuit Terminating Equipment  
**GDLP** : Ground Data Link Processor (the Mode S subnetwork function within the ground system that implements the OSI network layer protocols)  
**GDM** : Graphical Information Category Dynamic Maps  
**GDOP** : Geometric Dilution of Precision  
**GDP** : Diplomatic and Protocol Drafting Group  
**GDP** : General Data Processor  
**GDP** : Gross Domestic Product  
**GDP** : Ground Delay Program  
**GE** : Georgia (ISO Countries Codes)  
**GEADGE** : German Air Defense Ground Environment  
**GEMS** : Generic Error-Modelling System  
**GEN** : General  
**GENOFIC** : General North Sea Flight Information Centre  
**GEO** : Geographic or True  
**GEO** : Geostationary Satellite Orbit  
**GEOREF** : Geographical Reference  
**GEOSTAR** : Multipurpose Satellite System Using Fixed Orbit Satellites  
**GERAC** : EANGP WG on Coordination of the Implement & Operation of an Improved EUR AFTN/AFS  
**GERAC** : Group on European Regional AFTN/AFS Implementation and Operation Coordination  
**GES** : Ground Earth Station (ICAO - ADS)  
**GETALIS** : Sistema de Gestão de Tráfego Aéreo de Lisboa (PT) / Future Lisboa Air Traffic Management System  
**GF** : Gulf Air (airline)  
**GFDI** : GNSS Fault Detection and Isolation  
**GFM** : Graphical Information Category Fixec Maps  
**GGCS** : Ground/Ground Communication System (ICAO)  
**GGDC** : Ground/Ground Data Communication  
**GGDC-SG/GGDCSG** : Ground/Ground Data Communications Sub-Group  
**GGVC-SG/GVCSG** : Ground/Ground Voice Communications Sub-Group  
**GHMI** : Ground Human-Machine Interface  
**GHz** : Gigahertz  
**GIB** : Global Navigation Satellite System Integrity Broadcast  
**GIB** : GPS Integrity Broadcast  
**GIC** : Geostationary Integrity Channel  
**GIC** : GNSS Integrity Channel  
**GICB** : Ground Initiated Comm B Protocol (Mode S)  
**GIPS** : Giga Instructions Per Second  
**GIPS** : General Image Processing System  
**GIPS** : Global Initial Positioning System  
**GIS** : Geographical Information System  
**GLD** : Glider  
**GLONASS** : Global Orbiting Navigation Satellite System (USSR)  
**GLOSS** : Global Sea Level Observing System  
**GLSU** : GPS Landing System Unit  
**GM** : Guidance Material  
**GMC** : Ground Movement control  
**GMD** : General Meeting of Directors  
**GMS** : Global Positioning System Monitoring System  
**GMS** : Ground Monitoring System  
**GMS** : Ground Movement Surveillance  
**GMT** : Greenwich Mean Time. See [UTC](#)  
**GMU** : GPS (Height) Monitoring Unit  
**GNC** : Global NAVCOM (IATA/ICAO Conference)  
**GND** : Ground Control service / facility  
**GND** : Ground Level  
**GNDCK** : Ground Check  
**GNE** : Gross Navigational Error  
**GNLS** : GNSS Navigation and Landing System  
**GNLU** : GNSS Navigation and Landing Unit  
**GNP** : Gross National Product  
**GNSS** : Global Navigation Satellite System  
**GNSSP** : Global Navigation Satellite System Panel (ICAO)  
**GOMS** : Goals, Operators, Methods, Selection (rules)  
**GOTV** : GNSS Operational Test and Validation  
**GOVT** : Government  
**GP** : Gilde Path  
**GPIWG** : Glide Path Intercept Waypoint  
**GPS** : (Satellite Navigation and) Global Positioning System / Geographical Paging System, a technique for deriving location from space-based assets.  
**GPS** : Geographical (Paging) Positioning System  
**GPSSU** : GPS Sensor Unit  
**GPTP** : Guided Part-Task Practice  
**GPV** : GNSS Performance Validation  
**GPWS** : Ground Proximity Warning System (warns of inadequate separation from ground and excessive sink rate close to ground)  
**GR** : Hail >5mm (meteo)  
**GR** : Greece (ISO Country Code)  
**GRACE** : Geographical Association and Classification of Events  
**GRADU** : Gradual or Gradually  
**GRAF** : Ground Replay and Analysis Facility  
**GRADE** : Ground Return Area Digital Eliminator  
**GRANAS** : Global Radio Navigation System  
**GRASS** : Grass landing area  
**GRIB** : Processed meteorological data in the form of grid point values (aeronautical meteorological code)  
**GRIGRI** : Gestures, Recognition on Interactive Graphical radar Images  
**GROBI** : Graphical Object Interface  
**GROUP SIMUL** : Group Simulation  
**GRP** : Geographical Reference Points  
**GRVL** : Gravel  
**GS** : Small hail or snow pellets (meteo)  
**GS** : Glideslope  
**GS** : Graphical Station  
**GS** : Ground Speed  
**GS** : Gound Stop  
**GSA** : Guided Skill Acquisition  
**GSE** : Ground Support Equipment  
**GSFC** : Goddard Space Flight Center  
**GSIMUL** : Guided Simulation  
**GSM** : Global System for Mobile Communications  
**GSM** : Graphical Information Category Scale Marking  
**GSNA** : Ground-Supported Navigation Advisory  
**GSO** : Geosynchronous Orbit  
**GSO** : Group of Senior Officials  
**GT** : Ground Transmitter  
**GT2** : Ghost Track rate (radar standard)  
**GTB** : General Tool Box  
**GTC** : Gain Time Control  
**GTE** : Groupe tripartite européen  
**GtG programme** : Gate-to-Gate programme  
**GTID** : Group training - Instructor-dependent  
**GTIS** : Ground-based Traffic Information System  
**GTMD** : Group Training - Material-dependent  
**GTO** : Geosynchronous Transfer Orbit



**GTP** : Groupe de travail "Pensions" / Pensions Working Group (= PWG)  
**GTr** : Ghost Track Rate  
**GTRC** : General Technical Requirements and Conditions  
**GTS** : Global Telecommunications System  
**GTVS** : Ground based Transponder performance Verification System (SCT)  
**GUI** : Graphical User Interface  
**GUIDE** : General User Interface Device  
**GW** Gross Weight  
**OWL** : Graphical Information Category Weather Lines

-H-

**H24** : Continuous Day and Night Service  
**H** : Hungary  
**H, h** : Hour  
**H/M/L** : High/Medium/Low (ATC Complexity)  
**HA** : Holding to an Altitude (ARINC 424 Path Terminator)  
**HAA** : Height Above Airport  
**HAC** Hughes Aircraft Co.  
**HAD** : Human Aspects Development  
**HADAMARD** : Multi-radar processing written in ADA  
**HAI** Helicopter Association International  
**HALO** : High Altitude, Low Opening  
**HALS / DTOP** : High Approach Landing System / Displaced Threshold Operations  
**HAMMER** : High-level All-purpose Monitoring and Management Equipment for RADNET  
**HAPI** : Helicopter approach path indicator  
**HAT** : Height Above Touchdown  
**HATR** : Hazardous Air Traffic Report  
**HAW** : Horizontal Aid Window (ODID)  
**HBARO** Barometric Altitude  
**HBN** : Hazard Beacon  
**HBS** : Hotline Back-up System  
**HCA** : Human-Centred Automation  
**HCAA** : Hellenic Civil Aviation Authority  
**HCD** : Hard Copy Device  
**HCI** : Human Computer Interface  
**HCP** : Hard Copy Printer  
**HD** : Air Holland (airline)  
**HD** : Harmonisation Documents  
**HDB** : Historical Data Base  
**HDBK** : Handbook  
**HDD** : Head Down Display  
**HDF** : High frequency direction-finding station  
**HDG** : Heading  
**HDG SEL** Heading Select  
**HDLC** : High Level Data Link Communication  
**HDLC** : High Level Data Link Control  
**HDOP** : Horizontal Dilution of Precision  
**HDOT**  
**HE** Altitude Error  
**HED** : Heading  
**HEIDI** : Harmonisation of European Incident Definitions Initiative for ATM (SQS)  
**HEL** : Helicopter  
**HEL** : High Energy Laser  
**HELI** : Heliport  
**HELLANET** : Hellenic aeronautical Network  
**HEO** : Highly inclined Elliptical Orbit  
**HERA** : Human Error in ATM  
**HERAS** : Hellenic Radar System  
**HERMES** : Harmonised En-Route Metering and Spacing (Sequencing)  
**hex** : hexadecimal  
**HF** : High Frequency  
**HF** : Holding to a Fix (ARINC 424 Path Terminator)  
**HF** : Human Factors (Modules = HRT)  
**HFDL** : High Frequency Data Link  
**HFIAI** : Human Factors in Incident and Accident Investigation (HRT)  
**HFS** : Human Factors Studies  
**HFSG** : Human Factors Study Group (ICAO)  
**HFTE** : Human Factors Testing and Evaluating

**HFX** : Holding Fix  
**Hg** : Mercury  
**HGT** : Height or Height Above  
**HHmm** : Hours and minutes  
**HHMMSS** : hour-hour / minute-minute / second-second  
**HI** : High  
**HI FI SIM** : High-Fidelity Simulator  
**HIDE** : Harmonised, Integrated Development Environment  
**HIFA** : Human Integration in Future ATM Systems  
**HIPERLAN** : High Performance Local Area Network  
**HIPS** : Highly Interactive Problem Solver  
**HIRL** : High Intensity Runway Lights  
**HIRO** : High Intensity Runway Operations  
**HIRS** High-Resolution Infrared Sounder  
**HIRTA** : High Intensity Radio Transmission Area  
**HIT** : Hardware Integration Test (MAS/DFS - ODS)  
**HIT** : Hughes Improved Terminal  
**HIWAS** : Hazardous Inflight Weather Advisory Service  
**HJ** : Sunrise to Sunset  
**HLD** : Hold List  
**HLDC** : High Level Data Link Control  
**HLDG** : Holding  
**HLLC** : High Level Link Layer Control  
**HLT** : Heavy Load Threshold  
**HM** : Holding to a Manual Termination (ARINC 424 Path Terminator)  
**HMATTF** : Handling of Military Air Traffic Task Force  
**HMD** : Horizontal Miss Distance (filter) (TCAS/ACAS)  
**HMI** : Human Machine Interface or interaction  
**HMR** : Helicopter Main Routes  
**HMT** : Hand Microphone Telephones  
**HMU** : Height Monitoring Unit (in connection with RVSM)  
**HMZ** : Slovenian National Hydrometeorological Institute  
**HN** : Sunset to Sunrise  
**HND** : Hand over keyboard button  
**HNS** : Host Nation Support  
**HNSE** : Horizontal Navigation System Error  
**HO** : Service available to meet operational requirements  
**HOA** : Hand-off Acceptance  
**H-OFF-A** : Hand-Off Accept  
**H-OFF-P** : Hand-Off Propose  
**HOL** : High Order Language  
**HOL** : Holiday  
**HOLD** : Hold(ing)  
**HOOD** : Hierarchical Object Oriented Design  
**HOP** : Hand-off Proposal  
**HOP** : Harmonisation of Operational Procedures (AT, CH, DE)  
**Hor** : Horizontal  
**HOSP** : Hospital Flight/Aircraft  
**Host Computer** Facility located at the ARTCC which operates user application software, as well as certain peer network layer protocols required to communicate with adjacent ATN routers.  
**Host Processor** "End system" as defined by ISO that includes the OSI upper layer protocols (i.e., transport layer and above) and application processes  
**Hp / hPa** : hectopascal  
**HP** : High Precision  
**HP** : Holding Pattern  
**HP** : Horse-Power  
**HPA** : High Power Amplifier  
**HPC** : Hughes Programming Centre (NPC)  
**HPD** : Horizontal Polar Diagram  
**HPRES** Pressure Altitude  
**HPRT** : HMI Preview Response Time  
**HPZ** : Helicopter Protection Zone  
**HQ** : Headquarters (EUROCONTROL Agency)  
**HR** : Croatia, Republic of Croatia (ISO Country Code)  
**HR** : Hour  
**HR** : Human Resources  
**HRA** : Human Reliability Assessment / Analysis  
**HRD** : Human Resources Directorate  
**HRFG** : Human Resources Framework Group  
**HRI** : Human resources International (Israël)  
**HRIS** : Human Resources Information System

**HRM** : Human Resources Management  
**HRP** : Human Resources Planning and Corporate Services  
**HRPTSG** : Human Resource Planning and Training Study Group (ICAO)  
**HRS** : ATM Human Resources Management Programme (EATM)  
**hrs** : hours  
**HRSC** : Human Resources Steering Committee (Training Programme Ab Initio, CC)  
**HRT** : Human Resources Team  
**HRV** : Heart-Rate Variability  
**HS** : Service available during hours of scheduled operations  
**HS** : Headset  
**HSCT** : High-speed Civil Transport  
**HS-DTS** : High Speed Data Transmission System  
**HSI** : Horizontal Situation Indicator  
**HSM** : High Speed Modem  
**HST** : Hypersonic Transport  
**HTA** : Hermes Training Aircraft  
**HTA** : Hierarchical Task Analysis  
**HTD** : History Trial Dots  
**HTI** : Human Technology Integration  
**HTZ** : Helicopter Traffic Zone  
**HU** : Hungary, Republic of Hungary (ISO Country Code)  
**HUD** : Head up Display  
**HUM RES** : Human Resources  
**HUM** : Humanitarian  
**HUM** : Human Resources (Domain/Unit)  
**HUMR** : Human Resources  
**HURCN** : Hurricane  
**HV** : Transavia (airline)  
**HVDF** : High and very high frequency direction finding stations at the same location  
**HVY** : Heavy  
**HVY** : Heavy (used to indicate the intensity of weather phenomena)  
**HW, h/w** : Hardware  
**HWCI** : Hardware Configuration Item  
**HWCI** : Hardware Configuration Item (MAS/DFS - ODS)  
**HWG** : Harmonisation Working Group  
**HWP** : Holding Waypoint  
**HX** : No Specific working hours  
**Hz** : Hertz (cycle per second)  
**HZ** : Haze (meteo)

-I-

**I** : Italy  
**I and Q Channels** : In-phase and Quadrature channels  
**I(Fd)** : MTI Improvement Factor  
**I/A** : Incident Analysis  
**I/O** : Input / Output  
**I/R** : Interrogator/Responsor  
**I<sup>2</sup>SLS** : Improved Interrogation Side Lobe Suppression  
**IA** : Indirect Access  
**IA** : Inspection Authorization  
**IA** : International Alphabet  
**IA/CC** : Indirect Access/Common Control  
**IA-5** : International Alphabet Number 5  
**IAAE** : International Association of Airport Executives  
**IAC** : Instrument Approach Chart  
**IAC** : Integrated Avionics Computer  
**IACA** : International Air Carrier Association  
**IACH** : Individual ATC Flight Plan Changes  
**IACS** : INTERGRAPH Aeronautical Charting System  
**IACSP** : International Aeronautical Communications Service Providers  
**IAEA** : International Atomic Energy Agency  
**IAF** : Initial Approach Fix  
**IAFP** : Individual ATC Flight Plan Proposal  
**IAG** : Interim Airport Group  
**IAG** : International Association of Geodesy  
**IAIP** : Integrated Aeronautical Information Package  
**IAL** : Instrument Approach and Landing (Chart)

**IAL** : International Air-radio Limited (UK)  
**IAM** : Institute of Aviation Medicine  
**IAMP** : Initial Approach Waypoint  
**IANS** : Institute of Air Navigation Services (Luxembourg)  
**IANSSC** : IANS Steering Committee  
**IAO** : In and out of clouds  
**IAOA** : Indicated Angle-of-Attack  
**IAOPA** : International Council of Aircraft Owner and Pilot Associations  
**IAPL** : IFPS APL Message  
**IAR** : Intersection of Air Routes  
**IAR** : Instrument Autonomous Rules  
**IAR, IARTF** : Institutional Arrangements and Requirements Task Force  
**IARR** : IFPS ARR Message – Individual Arrival Message  
**IAS** : Indicated Air Speed  
**IATA** : International Air Transport Association  
**IATTF** : IFPS Acceptance Test Task Force  
**IAW** : In accordance with  
**IAWP** : Initial Approach Waypoint  
**IB** : Iberia (airline)  
**IB** : Information (display) Button  
**IBAA** : International Business Aviation Association  
**IBAC** : International Business Aviation Council  
**IBAP** : Industry Based Prototype  
**IBILS** : Integrity Beacon Landing System  
**IBN** : Identification Beacon  
**IBP** : Industry-Based Pre-operational Platform and Validation  
**IBRD** : International Bank for Reconstruction and Development (= BIRD)  
**IC** : (very small) Ice Crystals (meteo) (also know as Diamond dust)  
**IC** : Integrated Circuit  
**IC** : Intercom  
**ICAA** : International Civil Airport Association  
**ICAAS** : Integrated Control in Avionics for Air Superiority  
**ICAO** : International Civil Aviation Organisation  
**ICARD** : ICAO Codes and Route Designator System  
**ICB** : International Competitive Bidding  
**ICBM** : Intercontinental Ballistic Missile  
**ICCS** : Integrated Communication Control System  
**ICCT** : Internal Communications Core Team  
**ICCU** : Intercomputer Communications Unit  
**ICD** : Interface Control Document  
**ICE** : Icing  
**ICET** : IATA Capacity Enhancement Team  
**ICHG** : IFPS Change Message  
**ICIP** : Initial CIP (APT)  
**ICM** : Interline Communications Manual  
**ICNI** : Integrated Communications, Navigation and Identification  
**ICNL** : IFPS Cancellation Message  
**ICNL** : Individual Cancel  
**ICO** : Intermediate Circular Orbit  
**ICP** : Interactive Control Panel  
**ICP** : Internal Clarification Project  
**ICR** : Integrated Cancellation Ratio  
**ICR** : Interactive Conflict Resolution  
**ICWG** : Interface Control Working Group  
**ICWS** : Integrated Control Work Station  
**ID** : Identification (ICAO)  
**ID** : Information Display  
**IDA** : Indirect Access (VCS)  
**IDA** : Initial Distribution Area  
**IDB** : Integrated Database (DBE + DBC)  
**I-DCTS** : Interim Digital (Data) Communications Terminal System  
**IDENT** : Identification Identify, Identifier  
**IDHS** : Intelligence Data Handling System  
**IDMS** : Integrated Database Management System  
**IDP** : Initial Domain Part  
**IDRP** : Inter Domain Routing Protocol  
**IDS** : Information Display System  
**IE** : Ireland (ISO Country Code)  
**IEC** : International Electrotechnical

Commission/Committee  
**IEEE** : Institute of Electrical and Electronic Engineers (US)  
**IEP** : Information Exchange Programme  
**IEPR** : Integrated Engine Pressure Ratio  
**IES** : Interface Editor System  
**IETF** : Internal EATMS Task Force  
**IF** : Initial Fix (ARINC 424 Path Terminator)  
**IF** : Intermediate (approach) Fix  
**IF** : Intermediate Frequency  
**IFA** : Image Frequency Attenuation  
**IFALPA** : International Federation of Airline Pilots Association  
**IFATCA** : International Federation of Air Traffic Controllers Associations  
**IFATSEA** : International Federation of Air Traffic Safety Electronic Associations  
**IFD** : Initial Functional Description / EASIE  
**IFDS** : Interactive Flight Data System  
**IFE** : In-Flight Entertainment  
**IFIM** : International Flight Information Manual  
**IFF** : Identification Friend or Foe  
**IFFITAF** : IFPS-DBE Functional Interface System Task-Force  
**IFFN** : Identification Friend, Foe or Neutral  
**IFG-NME WG** : Implementation Facilitation Group of the National Management Experts Working Group  
**IFL** : Intermediate Flight Level  
**IFLIPS** : Integrated Flight Prediction System  
**IFOG** : Interferometric Fiber Optic Gyro (see FOG)  
**IFOR** : Implementation Forces (UN, NATO)  
**IFP** : Keyword from IFPS used in FIELD 18 to provide a warning  
**IFPD** : Individual Flight Plan Data  
**IFPL** : IFPS Filed Flight Plan  
**IFPL** : Individual Flight Plan Message  
**IFPO** : IFPS Workstation Operator  
**IFPPS** : Integrated Flight Plan Processing System  
**IFPRU** : IFPS Responsible Unit  
**IFPS** : Integrated Initial Flight Plan Processing System  
**IFPU** : IFPS Unit  
**IFPU1/RPL** : CFMU/FDOD - IFPS Unit - Haren Brussels (Belgium)  
**IFPU2** : Integrated initial Flight Plan Processing System (Unit 2) CFMU/FDOD - IFPS Unit - Brétigny-sur-Orge (France)  
**IFPZ** : IFPS Zone  
**IFR** : Instrument Flight Rules  
**IFRB** : International Frequency Registration Board  
**IFTO** : International Federation of Tour Operators  
**IG** : Meridiana (airline)  
**IGA** : International General Aviation  
**IGCN** : Independent Ground Communications Network  
**IGFET** : Insulated Gate Field Effect Transistor  
**IGP** : Ionospheric Grid Point  
**IGS** : International GPS Reference Network  
**II** : Interrogator Identity  
**IIMSES** : Initial Implementation of Mode S Enhanced Surveillance (a common project UK, France, Germany, Benelux, including POEMS)  
**IIS** : Internal Information System  
**IISLS** : Improved Interrogation Side Lobe Suppression  
**IKBS** : Intelligent Knowledge Based System  
**IKD States** : In Kind Delivery States (France, Germany, Italy, Spain, UK, represented by their ATS providers: DNA, DFS, ENAV, AENA, NATS)  
**IL** : Israël (ISO Countries codes)  
**ILO** : International Labour Organisation / Organisation Internationale du Travail (=OIT)  
**ILS** : Instrument Landing System  
**ILS** : Integrated Logistic Support  
**ILSP** : Integrated Logistic Support Program  
**IM** : Inner Marker  
**IM** : Information Management  
**IMA** : Integrated Modular Avionics (see AIMS)  
**IMAL** : Integrity Monitoring Alarm Limit  
**IMAWP** : Initial Missed Approach Waypoint  
**IMC** : Instrument Meteorological Conditions  
**IMF** : International Monetary Fund  
**IMG** : Immigration  
**IMM** : Interacting Multiple Models : a generally applicable algorithm of track state estimation  
**IMO** : International Maritime Organisation / Organisation maritime Internationale (= OMI)  
**IMP** : Implementation Services  
**IMPACT** : Informal Management Panel for ATC Training  
**IMPACT** : Information Market Policy Actions  
**IMPACT** : Innovative Methodology for the Projection of ATM Concepts onto the Training of ATCOs  
**IMPACT** : Methods and tools to assess IMPACT on future ATM systems  
**Impl** : Implementation  
**IMPR** : Improve or Improving  
**IMT** : Immediate or Immediately  
**IMTEG** : ILS/MLS Transition EUR Group  
**IMUX** : Input MULTipleXer  
**IN** : Inch, Inches  
**INA** : Initial Approach  
**INBD** : Inbound  
**INC** : In Cloud(s)  
**InCAS** : Interactive Collision Avoidance Simulator  
**INCERFA** : Uncertainty Phase  
**INDEFLY** : Indefinitely  
**IND SIMUL** : Individual Simulation  
**Ind** : Industry  
**INFO** : Information  
**INFR-C** : Infrastructure Creation  
**in.hg.** : inches of mercury  
**INI** : Initial Approach Controller  
**INIT** : Initialization  
**INM** : Integrated Noise Model (software developed by the US FAA, manufacturer: Aerospatiale Matra Airbus)  
**INMARSAT** : International Mobile Satellite Organisation  
**INO** : International NOTAM Operation  
**INOP** : Inoperative  
**INP** : If Not Possible  
**INPR** : In Progress  
**INR** : Image Navigation and Registration  
**Ins** : Inches  
**INS** : Inertial Navigation System  
**INST** : Installation  
**INSTL** : Install or Installed or Installation  
**INSTAR** : Institutional Arrangements for European Air Traffic Management  
**INSTILUX** : Eurocontrol Institute of Air Navigation Services (LU)  
**INSTR** : Instrument  
**Int** : International  
**INT** : Intersection  
**INTC** : Intercept  
**INTELSAT** : International Telecommunications Satellite Organisation  
**Interactive** : Interactive training  
**INTERCAUTRA** : Internal CAUTRA protocol  
**INTL** : International  
**INTNET** : Integration Network (for flight data exchange)  
**INTRG** : Interrogator  
**INTRP** : Interrupt or Interruption or Interrupted  
**Intruder** : Aircraft against which TCAS issues an advisory  
**INTSF** : Intensify or Intensifying  
**INTST** : Intensity  
**INU** : Inertial Navigation Unit  
**INV** : Innovative Studies and Technological Assessment (ARDEP)  
**INV** : Inverse / Inverted  
**INWP** : Intermediate Waypoint  
**IO, I/O** : Interoperability - Input / Output  
**IOATF** : IFPS Operational Advisory Task Force  
**IOBD** : Initial Off-Block Date  
**IOBT** : Initial Off-Block Time  
**IOC** : Initial Operational Capability  
**IOCD** : Initial Operational Concept Document  
**IOCP** : Internal Operational Clarification Project

**IOD** : Issue of Data  
**ION** : Institute of Navigation  
**IOP** : Input / Output Processor (RMCDE)  
**IOR** : Indian Ocean Region (ICAO)  
**IOR** : INMARSAT Indian Ocean Region  
**IOSS** : Input Output Sub System  
**IP** : Information Button (mouse)  
**IP** : Information Paper  
**IP** : Internetwork Protocol  
**IPAG** : Intellectual Property Advisory Group (Policy Guidelines for Intellectual Property Rights)  
**IPAS** : Integrated Preparation and Analysis System  
**IPB** : Inner Performance Boundary (Tunnel Concept)  
**IPC** : Intermittent Positive Control  
**IPCC** : Intergovernmental Panel for Climate Change  
**IPPC** : Internet Pilot Planning Centre (Norway)  
**IPG** : Integration Project Group  
**IPL** : Initial Programme Loading  
**IPL** : Intermediate Flight Plan  
**IPR** : Intellectual Property Rights  
**IPRT** : Internal Processing Response Time  
**IPS's** : Intellectual Proprietary Rights  
**IPSE** : Integrated Programming Support Environment  
**IPSky** : Internet Technology in the Sky  
**IPT** : Internal Processing Time  
**IPT** : Integrated Product Team  
**IPv6** : Internet protocol version 6  
**IQ** : Intelligence Quotient  
**IQ** : Iraq (ISO countries codes)  
**IR** : Ice on Runway  
**IR** : Infrared  
**IR** : Integrated Receiver  
**IR** : Iran (ISO countries codes)  
**IR** : Iran Airlines (airline)  
**IRAS** : Interactive Radar Analysis System  
**IREN** : Incident Reporting European Network  
**IRF** : Incident Report Form (DECADE)  
**IRF** : Interrogation Repetition Frequency (radar standard)  
**IRIG** : (clock)  
**IRL** : Ireland  
**IRMA** : Intermediate Redesigned MCC Architecture (ESCO/DECADE)  
**IROI** : Instantaneous Return on Investment  
**IRPL** : Internal Repetitive Flight Plan  
**IRR** : Internal Rate of Return  
**IRS** : Inertial Reference System  
**IRS** : Interface Requirements Specification  
**IRS** : Intermediate Route Sequence (FPPS/DECADE)  
**IRT** : Interrogation Repetition Time  
**IRU** : Inertial Reference Unit – part or IRS  
**IRVR** : Instrument Runway Visual Range  
**IS** : Iceland (ISO Country Code)  
**IS** : Interface Specification  
**IS** : Intermediate System  
**ISA** : Inertial Sensor Assembly - part of IRS  
**ISA** : Innovative Slot Allocation  
**ISA** : Instantaneous Self-Assessment  
**ISA** : International Standard Atmosphere  
**ISB** : Independent Sideband  
**ISDN** : Integrated Services (switched) Digital Network (=RNIS)  
**ISDU** : Inertial System Display Unit  
**IS-ES** : Intermediate System - End System  
**ISL** : Intermediate Supplementary Flight Level  
**ISLS** : Interrogation Side Lobe Suppression  
**ISO 10737** : Transport Layer Management (Standards For Open Systems Interconnection And Data Communication Published by ISO)  
**ISO 7498-3** : Basic Reference Model Part 3 : Naming And Addressing (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8072** : Transport Service Definition (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8073 AD 1** : Connection-Oriented Transport Protocol Addendum 2 : Class Four Operation Over Connectionless Network Service (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8073** : Connection-Oriented Transport Protocol Specification (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8208** : International Organisation for Standardisation X.25 Packet Level Protocol for Data Terminal Equipment Document.  
**ISO 8326** : Basic Connection-Oriented Session Protocol Specification (Standards For Open System Interconnection And Data Communication Published By ISO)  
**ISO 8327** : Basic Connection-Oriented Session Protocol Specification (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8348 AD 1** : Network Service Definition, Addendum 1 : Connectionless Mode Transmission (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8348** : Network Service Definition (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8473** : Protocol For Providing The Connectionless-Mode Network Service (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8649** : Service Definition For The Association Control Service Element (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8650** : Protocol Specification For The Association Control Service Element (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8822** : Connection-Oriented Service Definition (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8823** : Connection-Oriented Presentation Protocol (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 8878** : International Organisation For Standard Use Of X25 To Provide OSI (Open Systems Interconnection) Connection Mode Network Services (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 9000** : International Standards For Quality Management, 1990  
**ISO 9072-1** : Remote Operations - Part 1 : Model. Notation And Service Definition (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 9072-2** : Remote Operations - Part 2 : Protocol Specification Version (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 9545** : Protocol For Providing The Connectionless-Mode Network Service (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 9595** : Common Management Information Service Definition (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO 9596** : Management Information Protocol - Part 1 : Specification (Standards For Open Systems Interconnection And Data Communication Published By ISO)  
**ISO** : International Standards Organisation / Organisation internationale de normalisation  
**ISOL** : Isolated  
**OSI** : Open System Interconnexion  
**ISPACG** : Informal South Pacific ATS Co-ordination Group  
**ISQMS** : Integrated Safety and Quality Management System (Safety Domain)  
**ISR** : Independent Standby Radio

**ISS** : Implementation Support Services ; Implementation Support to States  
**ISS** : Indirect sub-System  
**ISSS** : Initial Sector Suite System (FAA)  
**IST** : Indirect Support Task  
**IT** : Information Technology  
**IT** : Italy (ISO Country Code)  
**ITA** : Integrated Task Analysis (of ATCOs)  
**ITA** : International Telegraph Alphabet  
**ITA-2** : International Telegraph Alphabet Number 2  
**ITAEG** : Information Technology Advisory Expert Group (Standardisation, EPD - CEN/CENELEC/ETSI)  
**ITAM** : Integrated Task Analysis Methodology  
**ITF** : International Transport Workers Federation  
**ITI** : Italian Interface  
**ITID** : Individual Training- Instructor-dependent  
**ITIRS** : International Terrestrial Reference System  
**ITM** : Intermediate Approach controller  
**ITMD** : Individual Training - Material-dependent  
**ITR** : International Transit Route  
**ITSTC** : Information Technologie Steering Committee  
**ITT** : Invitation Property Rights  
**ITU WARC-95** : International Telecommunication Union World Radio Conference  
**ITU** : International Telecommunications Union  
**ITU-T** : International Telecommunications Union - Telephone  
**IUCM** : IFPS Unit Configuration Manager  
**IVR** : Immersive Virtual Reality  
**IVSI** : Instantaneous Vertical Speed Indicator  
**IVSN** : Initial Voice Switched Network  
**IWGE** : International Working Group on (air) Exercises  
**IWP** : Intermediate Waypoint

-J-

**JAA** : Joint Aviation Authority (consists of 29 ECAC National Aviation Authorities)  
**JAA AMC** : JAA Acceptable Means of Compliance  
**JAA OPS** : Joint Aviation Authorities Operations Committee  
**JAAB/JAA-B** : Joint Boards  
**JAAC/JAA CE** : JAA Committee  
**JAARC** : JAA Research Committee  
**JAC** : Joint Airmiss Committee (UK)  
**JACC** : Joint Area Control Centre  
**JAL** : Japan Air Lines  
**JAMC** : Joint Airspace Management Cell (UK)  
**JAR** : Joint Aviation Requirements  
**JAR** : Joint Airworthiness Regulations  
**JAR** : Joint Airworthiness Requirement  
**JAR-OPS** : Joint Airworthiness Requirements Operations  
**JATO** Jet Assisted Takeoff  
**JD TF** : Job Description Task Force  
**JIT** : Joint Implementation Team (chaired by Eurocontrol) (ESCO) MADAP/KARLDAP  
**JL** : Japan Air Lines (airline)  
**JMCT** : Job Management Consultative Team [job analysis]  
**JOINT** : Joint Operational Incidents Training  
**JOT** : Joint Operational Team (ESCO)  
**JP** : Japan (ISO Country Code)  
**JPDA** : Joint Probabilistic Data Association  
**JPEG** : Joint Photographic Expert Group  
**JSP** : Joint Services Publication  
**JSRA** Joint Sponsored Research Agreement  
**JST** : Joy Stick  
**JTIDS** : Joint Tactical Information Distribution System  
**JTST** : Jet Stream  
**JU** : JAT – Yugoslavian Airlines (airline)  
**JURG** : Joint Users' Requirements Group (Eurocontrol Representative' in the IATA/AEA )

-K-

**K** : Thousand

**K, k** : Symbol for kilo (10<sup>3</sup>)  
**KAR** : Karlsruhe  
**KARLDAP** : Karlsruhe Automatic Data Processing and Display System  
**KB** : Kilo Byte  
**Kbps** : Kilobits per second  
**KBS** : Knowledge-Based System  
**KCAS** : Calibrated Airspeed expressed in Knots  
**KDS** : Keyboard Display System (Station)  
**KE** : Kenya (ISO Country Code)  
**KE** : Korean Airlines (airline)  
**KECU** : Thousands of European Currency Units  
**KfV** : Kuratorium für Verkehrssicherheit (AT) / The Austrian Traffic Safety Board  
**KG** : Kilogram  
**Khz** : KiloHertz  
**KIAS** : Knots Indicated Air Speed  
**KIDS** : Karlsruhe Interim DCTS  
**KIS** : Keyboard Input Station  
**KL** : KLM – KLM Cityhopper (airline)  
**KLDAP** : KARLDAP + Langen (D)  
**KLM** : Royal Dutch Airlines  
**KLOC** : thousand lines of code  
**km, KM** : kilometer  
**KM** : Air Malta (airline)  
**Km/h, KMH** : kilometers per hour  
**KNMI** : Koninklijk Nederlands Meteorologisch Instituut (NL) / Royal Netherlands Meteorology Institut  
**KOX** : Karlsruhe Operational Exchange  
**kPa** : KiloPascal  
**KPA** : Key Performance Area (PRC)  
**KPI** : Key Performance Indicator  
**KPT** : Karlsruhe Planning Team  
**KR 20** : A measure of the internal consistency, or homogeneity, or scalability, of a test material (Ferguson, 1976).  
**KR** : Knowledge of Result  
**KSA** : Knowledge, Skills, Abilities  
**KSAO** : Knowledge, Skills, Abilities, and Other personal requirements  
**KT/KTS** : knots (i.e. 1 NM/hour)  
**KTD** : Keyboard Tabulator Display  
**KU** : Kuwait Airways (airline)  
**KUAC** : Karlsruhe Upper Airspace Control Centre  
**Kurtosis** : A term which refers to the flatness or peakedness of one distribution in relation to another (Ferguson, 1976).  
**KW, kW** : Kilowatt  
**KYB** : Keyboard  
**KZ** : Nippon Cargo Airlines (airline)

-L-

**L** : Liter  
**L** : Left (also: runway identification)  
**L** : Locator  
**L** : Luxembourg  
**L** : Tones injected by the local switch  
**L/T** : Long-Term  
**LA** : LAN Adapter  
**LA** : Local Action  
**LAA** : Local Airport Advisory  
**LAA** : Local Area Argumentation  
**LAADR** : Low Altitude Airway Departure Route  
**LAAS** : Local Area Augmentation System  
**LACK** : Logical Acknowledgement  
**LACK** : The positive logical response message used for air/ground data communications, as defined within the ICAO Manual for ATS Data Link Applications  
**LAD** : Look Ahead Display  
**LADGNSS** : Local Area Differential GNSS  
**LADGPS** : Local Area Differential Global Positioning System  
**LAF** : Local Adaptation Functions

<b>LAHSO</b> : Land and Hold Short Operations	<b>LIDAR</b> : Light Detection and Ranging
<b>LAM</b> : Ljubljana ATC Data Processing System	<b>LIDO</b> : Lufthansa Integrated Dispatch Operation
<b>LAM</b> : Logical Acknowledgement Message	<b>LIH</b> : Light Intensity High
<b>LAM</b> : The positive logical response message used for ground/ground data communications, as defined within the Eurocontrol Standard for On-Line Data Interchange	<b>LIL</b> : Light Intensity Low
<b>LAMPS</b> : Long Term ATCO Manpower Planning Simulation	<b>LIM</b> : Light Intensity Medium
<b>LAN</b> : Inland	<b>LIM</b> : Limit
<b>LAN</b> : Local Area Network	<b>LIM/MID/RAN</b> : Limited Middle East Regional Air Navigation Conference (ICAO)
<b>LANDA</b> : Logistics and Administration	<b>LIP</b> : Light-pen
<b>LANSU</b> : Local Air Navigation Service Unit (DFS)	<b>LIP</b> : Limited Installation Program (e.g. TCAS)
<b>LAP-B</b> : Link Access Procedure (Protocol type B)	<b>LIRL</b> : Low Intensity Runway Lights
<b>LAR/LRR</b> : Long Range Radar	<b>LISREL</b> : Linear Structural Relations
<b>LARS</b> : Lower Airspace Radar Service	<b>LIW</b> : Label Input Window
<b>LAS</b> : Last Assigned Landing Slot	<b>LLC</b> : Link Layer Control
<b>LAS</b> : Lower Airspace Sector	<b>LLC</b> : Logical Link Control (RMCDE)
<b>LASER</b> : Light Amplification by Stimulated Emission of Radiation	<b>LLC-I</b> : Logical Link Control - Class I
<b>LASKA</b> : Learning And Skills Acquisition	<b>LLM</b> : L-band Land Mobile
<b>LAT</b> : Latitude	<b>LLT</b> : Low Light Television
<b>LATC</b> : Local Air Traffic Control	<b>LLTR</b> : Low Level Transit Route
<b>LATCC</b> : London Air Traffic Control Centre	<b>LLWAS</b> : Low Level Windshear Alert System
<b>LATCO</b> : Licensing of Air Traffic Control Officers (ICAO Study Group)	<b>LLZ</b> : Localizer (part of an ILS system)
<b>LAU</b> : Local Approach Unit	<b>LM</b> : Compass Locator at ILS Middle Marker
<b>LAWRS</b> : Limited Aviation Weather Reporting Station	<b>LM</b> : Low/Medium ATC Complexity
<b>LB</b> : Pounds (weight)	<b>LMC</b> : Compass locator at the middle marker
<b>LB</b> : Local Battery (circuits)	<b>LMO</b> : Leadership Management and Organisation
<b>LC</b> : Local Control	<b>LMT</b> : Local Mean Time
<b>LCC</b> : Lifetime Cycle Costing	<b>LNA</b> : Low Noise Amplifier
<b>LCD</b> : Liquid Cristal Display	<b>LNA/DPLX</b> : Low Noise Amplifier/Diplexer
<b>LCG</b> : Load Classification Group	<b>L-NAV</b> : Lateral Navigation (provides computer description of aircraft's planned lateral flight path that can be tracked by the autoflight system; lateral path can be shown on map display.)
<b>LCIPD</b> : Local Convergence and Implementation Programme Document / Document CIP local	<b>LANG</b> : Long (used to indicate the type of approach desired or required)
<b>LCM</b> : Late Change (modification) Message (designator)	<b>LNO</b> : Olno (Belgium sector indication)
<b>LCN</b> : Load Classification Number	<b>LO</b> : Local Oscillator
<b>LCN</b> : Local Communications Network	<b>LO</b> : Locator Outer
<b>LCTD</b> : Located	<b>LO</b> : Low
<b>LDA</b> : Landing Distance Available	<b>LoA</b> : Line of Action
<b>LDA</b> : Localizer Type Directional Aid	<b>LOA</b> : List of Abbreviations
<b>LDAH</b> : Landing Distance Available Helicopter	<b>LoA, LOA</b> : Letter of Agreement ; Letter of Offer and Acceptance
<b>LDB</b> : Limited Data Block	<b>LOC</b> : Lines of Communications
<b>LDG</b> : Landing	<b>LOC</b> : Localiser Beam
<b>LDGNSS</b> : Local Differential Global Navigation Satellite System	<b>LOC</b> : Local or Locally or Location or Located
<b>LDGPS</b> : Local DGPS	<b>LOE</b> : Line Oriented Evaluation
<b>LDI</b> : Landing Direction Indicator	<b>LOFT</b> : Line-Orientated Flight Training
<b>LDT</b> : Logistic Delay Time	<b>LoL</b> : Loss of Licence
<b>Lect</b> : Lecture	<b>LOM</b> : Compass Locator at the Outer Marker
<b>LED</b> : Light Emitting Diode	<b>LOH</b> : Longitude
<b>LEFCO</b> : Project for the procurement of new ATM facilities in Nicosia ACC	<b>LONG</b> : Longitude
<b>LEFD</b> : Local Essential Flight Details	<b>LOP</b> : Local Operating Procedure
<b>LEN</b> : Lenght	<b>LOPAR</b> : Low Powered Acquisition Radar
<b>LEO</b> : Low Earth Orbit	<b>LORAN</b> : Long Range Navigation (electronic pulse system for oceanic navigation)
<b>Lesson</b> : Lesson / Demonstration	<b>LORAN-C</b> : A hyperbolic grid navigation system
<b>LF</b> : Late Filer	<b>LOS</b> : Level Safety
<b>LF</b> : Later Filter	<b>LOS</b> : Line of Sight
<b>LF</b> : Low Frequency	<b>LOS</b> : Line-Oriented Simulation
<b>LFA</b> : Local Flying Area	<b>LO</b> : LOT Polish Airlines (airline)
<b>LFC</b> : (Swedish) Air Defence Centre or (unit)	<b>LOW</b> : Lower airspace
<b>LFHB</b> : Low Flying Handbook	<b>LR</b> : Linear Regression
<b>LFL</b> : Last (reported) Flight Level	<b>LRC</b> : Legal ReCording
<b>LFP</b> : Low Pass Filter	<b>LRC</b> : Legal Requirement Cell
<b>LFPP</b> : Limited Flight Plan Processing	<b>LRC</b> : Long Range Cruise
<b>LFR</b> : Low-frequency Radio Range	<b>LRG</b> : Long Range
<b>LFS</b> : Low-Fidelity-Simulation	<b>LRL</b> : Local Recording Logistics
<b>LFU</b> : Late Filer and Udater	<b>LRM</b> : Line Replaceable Module
<b>LFV</b> : Luftfartsverket (CAA of Sweden)	<b>LRM</b> : Logical Rejection Message
<b>LGT</b> : Light or Lighting	<b>LRN</b> : Long Range Navigation
<b>LGTD</b> : Lighted	<b>LRR</b> : Long Range Radar (SRE)
<b>LH</b> : Left Hand (turn)	<b>LRS</b> : Local Route Sequence
<b>LH</b> : Lufthansa (airline)	<b>LRU</b> : Line Replaceable Unit
<b>LHCP</b> : Left Hand Circular Polarisation	<b>LRU</b> : Lowest Replacable Unit
<b>LHR</b> : London Heathrow (UK)	<b>LRW</b> : Long Range Warning

**LS** : Loudspeaker  
**LSA** : Logistic Support Analysis  
**LSAS** : Longitudinal Stability Augmentation System (MD-11)  
**LSB** : Least Significant Bit  
**LSC** : Life Support Cost (Cyprus)  
**LSI** : Large Scale Integration  
**LSP** : Loud Speaker  
**LSR** : Loose Snow on Runway(s)  
**LSRRTI** : Leningrad Scientific Research Radio Technical Institute  
**LSS** : Lightning Sensor System  
**LT** : Left Turn  
**LT** : Local Time  
**LT** : Lithuania (ISO Country Code)  
**Lt** : Sequence Time Requirement  
**LTD** : Limited  
**LTF** : Licensing Task Force  
**LTIOV** : Latest Time Information of Value  
**LTM** : Local Traffic Management  
**LTM** : Long Term Memory  
**LTOG** : Long Term Objectives Groups (EASIE, PHARE, FEATS, COPS etc)  
**LTP** : Landing Threshold Point  
**LTP** : Legal and Technical Panel  
**LTSS** : Long Term Systems Studies  
**LTT** : Landine TeleTypewriter  
**LTV** : Load Threshold Values  
**LU** : Late Updater  
**LU** : Luxembourg (ISO Country Code)  
**LUG** : Leerdam Users' Group  
**LUGS** : Link up Glons-Semmerzake  
**LUX** : Luxembourg (ISO countries Code)  
**LV** : Laser Vision  
**LV** : Latvia (ISO Country Code)  
**LV** : Light and Variable (related to wind)  
**LVA** : Large Vertical Aperture  
**LVB** : Luchtverkeersbeveiliging (RLD-NL)  
**LVE** : Leave or Leaving  
**LVL** : Level  
**LVL CHG** Level Change  
**LWG** : Licensing Work Group  
**LX** : Crossair (airline)  
**LY** : El Al Israel Airlines (airline)  
**LZR** : Layer or Layered  
**LZ** : Balkan Bulgarian Airlines

-M-

**M:M** : Many-to-Many relationship  
**M** : Mach Number (followed by figures)  
**M** : Manual Tuned NAVAIID  
**M** : Million  
**M** : Modules (replaceable)  
**M** : Symbol for Mega ( $10^{+6}$ )  
**m** : Symbol for milli ( $10^{-3}$ )  
**m** : meter  
**m** : Nautical mile (preceded by figures)  
**m/sec** : Metres per second  
**M/ASI** : Mach/Airspeed Indicator  
**M/T** : Medium-Term  
**MA** : Malev Hungarian (airline)  
**MA** : Member Association  
**MA** : Message Assurance  
**MA** : Morocco (ISO Countries Codes)  
**MAA** : Maximum Authorized IFR Altitude  
**MAC** : Management Advisory Committee  
**MAC** : Mean Aerodynamic Chord  
**MAC** : Medium Access Control (RMCDE)  
**MAC** : Message for the Abrogation of Coordination  
**MAC** : Mid-Air Collision  
**MAC** : Military Airlift Command  
**MACC** : Manchester Area Control Centre  
**MACC** : Military Area Control Centre  
**MACE** : Multi-criteria analysis for Concept Evaluation  
**MACEN** : Mando Centra

**MACS** : Multiple Access Communications System  
**MAD** : Model of Activity for Design  
**MADAP** : Maastricht Automated Data Processing and Display System  
**MADREC** : Maastricht Data Recording  
**M-ADS** : Modified Automatic Dependent Surveillance (ICAO)  
**MAESCAPE** : Eurocontrol Simulation Capability and Platform for Experimentation tailored to Maastricht UAC requirements  
**MAESTRO** : Means to Aid Expedition and Sequencing of Traffic with Research and Optimisation  
**MAG** : Magnetic  
**MAHF** : missed Approach Holding Fix  
**MAHWP** : Missed Approach Holding Waypoint  
**MAINT** : Maintenance  
**MALS** : Medium Intensity Approach Light System  
**MALSF** : Medium Intensity Approach Light System with Sequenced Flashers  
**MALSR** : Medium Intensity Approach Light System with Runway Alignment Indicator Lights  
**MAN** : Manual Message  
**MAN** : Metropolitan Area Network  
**MANACT** : Manual Activation message  
**MANTEA** : Management of Surface Traffic in European Airports  
**MAP** : Aeronautical Maps and Charts  
**MAP** : Mapping  
**MAP** : Military Assistance Program  
**MAP** : Missed Approach  
**MAPPER** : Maintaining, Preparing & Producing Executive Reports  
**MAPt** : Missed Approach Point  
**MAR** : At Sea  
**MAR** : Mode A Reconstructor  
**MARAS** : Middle Airspace Radar Advisory Service  
**MARRES** : Manual Radar Return Exploitation System  
**MARS** : Maastricht Reserve System  
**MARS** : Military Air Route Structure  
**MARSA** : Military Authority Assumes Responsibility for Separation of Aircraft  
**MART** : Message Acknowledge Response Time  
**MARTOS** : MADAP Real-Time Operating System  
**MAS (UAC)** : Maastricht Upper Area Control Centre  
**MAS** : Manage Airspace  
**MAS** : Manual Assume of Control Message  
**MAS** : Manual A1 Simplex  
**MAS** : Message Assurance Service  
**MAS** : Middle Airspace  
**MAS** : Military Agency for Standardisation  
**MAS** : Multiple Access Store  
**MASAW** : Minimum Safe Altitude Warning  
**MASI** : Mach Airspeed Indicator  
**MASOR** : Military Area Services Operations Room  
**MASP** : Minimum Aviation Specification Performance  
**MASPS** : Minimum Aircraft System Performance Specification (ICAO) ; Minimum Aviation System Performance Standards  
**MASS** : Multi-Aircraft Simplified Simulator  
**MAST 4** : 4 States Integration and Maastricht Development Steering Group  
**MAST** : Multi-Aircraft Simulation Terminal  
**MAT** : Mackinnon Aerospace and Training  
**MAT** : Message Acknowledge Time  
**MATCC** : Military ATC Centre  
**MATE** : Multi-Aircraft Training Environment  
**MATIAS** : Magyar (Hungarian) Automated and Integrated Air Traffic Control System  
**MATO** : Military Air Traffic Operations  
**MATRAC** : Military Air Traffic Radar Control Centre  
**MATS** : Manual of Air Traffic Services  
**MATSE** : ECAC Transport Ministers' Meeting on the Air Traffic System in Europe  
**MATWP** : Missed Approach Turning Waypoint  
**MATZ** : Military Aerodrome Traffic Zone

<b>MAU</b> : Modular Avionics Unit	<b>MEHT</b> : Minimum eye height over threshold (for visual approach slope indicator system)
<b>MAV</b> : Medium Access Control	<b>MED</b> : Medium
<b>MAWP</b> : Missed Approach Waypoint	<b>MEDLL</b> : Multipath Delay Lock Loop
<b>MAX</b> : Maximum	<b>MEF</b> : Minimum Essential Facilities
<b>MAX CLB</b> Maximum engine thrust for two-engine climb	<b>MEFISTO</b> : Modelling, Evaluating and Formalising Interactive Systems using Tasks and Interaction Objectives
<b>MAX CRZ</b> Maximum engine thrust for two-engine cruise	<b>MEG</b> : Magnetoencephalography
<b>MAZ</b> : Mini ASCAP-ZKSD Coupling	<b>MEL</b> : Minimum En-route Level
<b>MB</b> : Mega Byte	<b>MEL</b> : Minimum Equipment List
<b>Mb</b> : Millibars	<b>MEMPAC</b> : CBT on Memory, Perception, Cognition and Attention
<b>MB</b> : MariBor	<b>MEO</b> : Medium Earth Orbit
<b>MB-II</b> : Multibus II (RMCDE)	<b>MES</b> : Mobile Earth Station
<b>MBA</b> : Micro Burst Alert (used to warn of a loss of 30 knots or more associated with convective activity)	<b>MET</b> : Meteorological or request METAR
<b>MBO</b> : Management by Objectives	<b>MET</b> : Meteorological (office)
<b>Mbps</b> : Mega Bits per second	<b>MET/AIS</b> : Meteorological and Aeronautical Information processing System
<b>MBR</b> : Mittel-Bereich radar	<b>METAR</b> : Aviation Routine Weather Report
<b>MBST</b> : Microburst	<b>METAR</b> : Meteorological Aerodrome Report
<b>MC</b> : Main Computer	<b>METAR</b> : Meteorological Aviation Routine Weather Report / Actual Report
<b>MC</b> : Monaco (ISO Countries Code)	<b>MEURO</b> : Millions of EURO
<b>MCA</b> : Minimum Crossing Altitude	<b>MF</b> : Manning Factor
<b>MCC</b> : Main Computer Complex (Maastricht)	<b>MF</b> : Medium Frequency
<b>MCC</b> : Military Control Centre	<b>MF</b> : Metering Fix
<b>MCC</b> : Mission Control Centre	<b>MF</b> : Multiplication Factor
<b>MCDU</b> : Maintenance and Control Display Unit	<b>MFA</b> : Message Format Area
<b>MCDU</b> : Multi-Function Control and Display Unit (part of FMS)	<b>MFAL</b> : Major Functional Areas List
<b>MCDU</b> : Multi-purpose Control and Display Unit (ACARS)	<b>MFC</b> : Multi-Frequency Coding (telephone system)
<b>MCE</b> : Management Centre Europe (seminars/courses)	<b>MFC/LB</b> : Multi-Frequency Coding / Local Battery
<b>MCF</b> : Manning Calculation Formula	<b>MFD</b> : Multi Function Display
<b>MCG</b> : Maastricht Co-ordination Group	<b>MFDA</b> : Military Flight Data Assistant
<b>MCG</b> : Minimum Climb Gradient	<b>MFL</b> : Military Flight List
<b>MCH</b> : Modified Cooper-Harper rating scale for system workload assessment	<b>MFLOPS</b> : Million Floating Point Operations per Second
<b>MCMG</b> : Military Committee Meteorological Group	<b>MFPU</b> : Mobile Field Processing Unit
<b>MCP</b> : Management Control Point	<b>MFS</b> : Message from Shanwick
<b>MCP</b> : Mode Control Panel (pilots' interface to the autoflight system; usually located centrally just below cockpit glare shield)	<b>MFUR</b> : Most Frequently Used route
<b>MCS</b> : Master Control Station	<b>MGC</b> : Main Graphics Controller
<b>MCS</b> : Monitoring and Control System	<b>MGT</b> : Management
<b>MCS</b> : Multi-Aircraft Cockpit Simulator	<b>MGV</b> : Miss Generation Volume
<b>MCSG</b> : Military Committee Staff Group	<b>MH</b> : Malaysia Airlines (airline)
<b>MCT</b> : Maastricht Co-ordination Team	<b>MHDF</b> : Medium and high frequency direction-finding station (at the same location)
<b>MCW</b> : Modulated Continuous Wave	<b>MHRS</b> :Magnetic Heading Reference System
<b>MCT</b> : Maximum Continuous Thrust	<b>MHS</b> : Message Handling Service
<b>MCTR</b> : Military CTR	<b>MHT</b> : Multi Head Tracking
<b>MCU</b> : Main CWP-Unit	<b>MHT</b> : Multi Hypothesis Technique
<b>MCU</b> : Modular Concept Unit (Spitzer)	<b>MHVDF</b> : Medium, high and very high frequency direction-finding station (at the same location)
<b>MCU</b> : Minimum Configuration Unit	<b>Mhz</b> : Megahertz
<b>MCU</b> : Modular Component Unit	<b>MI</b> : Shallow (meteo)
<b>MD</b> : Moldova (ISO Country Code)	<b>MIB</b> : Management Information Base
<b>MD</b> : McDonnell-Douglas	<b>MIC</b> : Microphone (VCS)
<b>MDA</b> : McDonnell-Douglas Aerospace	<b>MICAM</b> : Military Code Allocation Method
<b>MDA/H</b> : Minimum Descent Altitude/Height	<b>MID</b> : Mid-point (related to RVR)
<b>MDAU</b> : Maintenance Data Acquisition Unit	<b>MID</b> : Middle-East Region (ICAO) / Moyer-Orient
<b>MDCN</b> : Military Diplomatic Clearance Number; for military aircraft	<b>MIDAS</b> : Man-machine Integration Design analysis System
<b>MDD</b> : Meteorological Data Distribution (function)	<b>MIDAS</b> Multi-discipline Data Analysis System
<b>MDF</b> : Main Distribution Frame	<b>MIDS</b> : Multi-Function Information Distribution System
<b>MDF</b> : Medium Frequency direction-finding Station	<b>MIF</b> : MTI Improvement Factor
<b>MDH</b> : Minimum descent Height	<b>MIFG</b> : Shallow fog
<b>MDI</b> : Manage Document Inputs	<b>MIG</b> : Mikojan - Gurevich
<b>MDI</b> : Minimum Departure Interval	<b>MIL</b> : Military
<b>MDL</b> Multipurpose Data Link	<b>MILATCC</b> : Military Air Traffic Control Centre
<b>MDP</b> : Maastricht Development Plan	<b>MILE</b> : Multiple Integrated Laser Engagement System
<b>MDP</b> : MADAP Data Processor	<b>MIL-HDBK</b> : Military Handbook
<b>MDS</b> : Management Document Storage	<b>MILREP</b> : Military Representation
<b>MDS</b> : Minimum Detectable Signal	<b>MILSATCOM</b> : Military Satellite Communications
<b>MDT</b> : Mean Down Time	<b>MILSPEC</b> Military Specifications
<b>MEA</b> : Minimum En-route Altitude (ICAO)	<b>MIL-STD</b> : Military Standard
<b>MEB</b> : Main Earthing Bar	<b>MIN</b> : Message Identification Number
<b>MECA</b> : Model for the Economical evaluation of the Capacities of the ATM system	<b>min</b> : minutes
<b>MECO</b> : Main Engine Cutoff	<b>MIN</b> : Minimum
<b>MECU</b> : Millons of ECU	



**MINIT** : Minutes in Trail. A specified interval between aircraft expressed in time  
**MINIPLN** : Set of Flight plan related information provided by an FPPS to an ARTAS Unit, used for track labelling  
**MINLINEUP** : Minimum time to line-up for take-off  
**MIO** : Military Sector Input Operator  
**MIP** : Multinational Information Production  
**MIPS** : Million Instructions per Second  
**MIR** : Master Inspection Record  
**MIRACULIX** : Multi Interface Radarformat Calculator and User Line Information Exchange  
**MIRL** : Medium Intensity Runway Lights  
**MIS** : Management Information Service/Systems User  
**MIS** : Management Information System  
**MIS** : Manual Input Station  
**MIT** : Miles in Trail. A specified interval between aircraft expressed in nautical miles.  
**MITRE** : Massachusetts Institute for Technology, Research and Engineering  
**MIW** : Message In Window  
**MK** : Macedonia (ISO Country Code)  
**MKR** : Marker Radio Beacon  
**MLD** : Military Liaison Division  
**MLDT** : Mean Logistic Down Time  
**MLA** : Maneuver Limited Altitude  
**MLE** : Landing Gear Extended Placard Mach Number  
**MLS** : Microwave Landing System  
**MM** : Mental Model  
**MM** : Middle Marker  
**mm** : Millimetre  
**MMEL** : Master Minimum Equipment List  
**MMI** : Man-Machine Interface. See HMI  
**MMIL** : Martin-Marietta International Link  
**MMO** : Main Meteorological Office  
**MMO** : Mach Max Operating  
**MMOC** : Martin-Marietta Overseas Corporation  
**MMPI** : Minnesota Multi-phasic Personality Inventory  
**MMR** : Multi-Mode Receiver  
**MN** Magnetic North  
**MNC** : Major NATO Commander  
**MNCC** : Multinational Coordination Centre  
**MNM** : Minimum  
**MNPS** : Minimum Navigation Performance Specification  
**MNPSA** : Minimum Navigation Performance Specification Airspace  
**MNS** : Mobile Network Services  
**MNT** : Mach Number Technique  
**MNT** : Monitor, Monitoring, or Monitored  
**MNTN** : Maintain  
**MNWG** : Multi-national Working Group  
**MOA** : Memorandum of Agreement  
**MOA** : Military Operating Area  
**MOB** : Mobile  
**MOC** : Memorandum of Co-operation  
**MOC** : Minimum Obstacle/Obstruction Clearance (required)  
**MOCA** : Minimum Obstruction Clearance Altitude  
**MOCBITE** : Maastricht Operational Computer Based Information, Training and Examination System  
**MOD** : Ministry of Defence  
**MOD** : Moderate (used to indicate the intensity of weather phenomena, interference or static reports e.g. MOD RA = moderate rain)  
**MOD** : Modified/Modification  
**Mode S** : Type of secondary surveillance radar (SSR) equipment which provides Mode A and Mode C interrogations, discrete address (Mode S) interrogations from the ground or air, and a data link capability  
**MODIS** : Moderate-resolution Imaging Spectrometer  
**MoF** : Minister of Finance  
**MOF** : Mode of Flight  
**MOGAS** : Motor Gasoline  
**MON** : Above Mountains  
**MON** : Centre of Expertise Monitoring  
**MONA** : Monitoring Aids  
**MONA User** : Monitoring Aids User  
**MOPS** : Minimum Operational Performance Standards (Specifications) / FAA  
**MOR** : Military Operational Requirements  
**MORS** : Mandatory Occurrence Reporting Scheme  
**MOS** : Minimum Operating Standard  
**MOS** : Minimum Operating Strip  
**MOSD** : Mission, Objectives and Strategy Document  
**MOT** : Ministry of Transport  
**MOT&E** : Multinational Operational Testing and Evaluation  
**MOTNE** : Meteorological Operational Telecommunications Network Europe  
**MOU, MoU** : Memorandum of Understanding  
**MOUSES, MOUSES TF** : Mode S Operational Use of Enhanced Surveillance Task Force  
**MOV** : Move or Moving or Movement  
**MOW** : Message Out Window  
**MOX (-B)** : Maastricht Operational Telephone Exchange (version B)  
**MP** : Manpower Planning  
**MP** : Martinair (airline)  
**MP** : Mental Picture  
**Mp** : Microprocessor  
**MPa** : Maximum Tyre Pressure Allowable  
**MPA** : Maritime Patrol aircraft  
**MPA** : Military Planning Assistant  
**MPC** : Message Processing Centre  
**MPC** : Military Planning Controller  
**MPDR** : Medium Powered Doppler Radar  
**MPEG** : Moving Pictures Expert Group  
**MPH** : Statute Miles per Hour  
**MPL** : Mini Flight Plan  
**MPO** : Maastricht Project Office  
**MPO** : Management Project Office  
**MPR** : Medium Powered Radar  
**MPR** : Swedish National Board for Measurement and Testing  
**MPRT** : Menu Preview Response Time  
**MPS** : Meters per Second  
**MPW** : Maximum Possible Weight  
**MPS / MPSG** : Manpower Planning Sub-Group  
**MPs** : Manpower Planners  
**MPS** : Minimum Performance Specification  
**MP-SEC** : Management Planning System Evaluation and Control  
**MPT** : Minimum Performance Transponder  
**MPX** : Multiplex (Transmission)  
**MRA** : Military Reserved Airspace  
**MRA** : Minimum Reception Altitude  
**MRC** : Military Radar Controller  
**MRC** : Monitoring and Remote Control  
**MRCA** : Multirole Combat Aircraft  
**MRDP** : Multi Radar Data Processing  
**MRDPS** : Multi Radar Data Processing System  
**MRDV** : Multi Radar Daten Verarbeitung / Multi-Radar Processing System  
**MRG** : Medium Range  
**MRI** : Master Record Index (MAS - ODS)  
**MRK** : Marker (RLB)  
**MRL** : Minimum Risk Level  
**MRM** : Minimum Required Manoeuvre (OCD)  
**MRP** : ATIS/MET Reporting Point  
**MRRP** : Minimum Risk Routing Point  
**MRS** : Monitoring and Ranging Stations  
**MRSA** : Mandatory Radar Service Area  
**MRT** : Mean Response Time  
**MRT** : Monitoring R/T, an ACM service message  
**MRT** : Multi Radar Tracking  
**MRTS** : Multi Radar Tracker and Server (System)  
**MRT-VU** : Multi Radar Tracking using Variable Update  
**MRU** : Projekt Marknadsföring Rekrytering Urval och Utbildning (SE) / Project for marketing, recruitment, selection and training for ATCO students, in Sweden  
**MRVA** : Minimum Radar Vectoring Altitude  
**ms** : millisecond  
**MS** : Egypt Air (airline)  
**MS** : Minus  
**MSA** : Minimum Safe/Sector Altitude

**MSAS** : MTSAT Satellite Based Augmentation System  
**MSAW** : Minimum Safe Altitude Warning  
**MSB** : CFMU – Management Support Bureau  
**MSB** : Most Significant Bit  
**MSC** : Maastricht Steering Committee  
**MSC** : Meteorological Services Communication  
**MSC** : Miscellaneous Simulation Facility  
**MS-DTS** : Medium Speed-Data Transmission System  
**MSF** : Master Simulation Facility  
**MSG** : Manpower Sub-Group  
**MSG** : Message  
**MSGDLP** : Mode S Ground Data Link Processor  
**MSGSUM** : Message Summary  
**MSGTXT** : Message Text  
**MSK** : Minimum Shift Keying  
**MSL** : Mean Sea Level  
**MSP** : Mode S Specific Protocol  
**MSP** : Multi-sector planning  
**MSRT** : Mean Services Restoration Time  
**MSS** : Message Storage System  
**MSSA** : Message Switching System  
**MSSR** : Monopulse Secondary Surveillance Radar  
**MST** : Multiple Sensor Tracking  
**MSTU** : Multiple Stagger Trigger Unit  
**MSU** : Management Storage Unit  
**MSU** : Mode Select Unit  
**MSUP** : Military SUPervisor  
**MT** : Malta (ISO Country Code)  
**MT** : Mountain  
**MTA** : Military Training Area  
**MTAC** : Multiple Time Around Clutter  
**MTAT** : Multiple Time Around Targets  
**MTBCF** : Mean Time Between Critical Failures  
**MTBF** : Mean Time Between Failures  
**MTBR** : Mean Time Between Removals  
**MTBUR** : Mean Time Between Unscheduled Removal  
**MTCA** : Medium Term Conflict Alert / Assistance (ODID)  
**MTCD** : Medium Term Conflict Detection  
**MTCDR** : Medium-Term Conflict Detection and Resolution  
**MTCEP** : (Short) & Medium Term Capacity Enhancement Plan  
**MTD** : Mean Down Time  
**MTD** : Micro Tabular Display  
**MTD** : Moving Target Detection  
**MTF** : Modulation Transfer Function  
**MTI** : Moving Target Indicator  
**MTMA** : Major TMA  
**MTN** : Mega Transport Network  
**MTOM** : Maximum Take-Off Mass  
**MTOW** : Maximum Take-Off Weight  
**MTP** : Medium Term Plan  
**MTPA** : Mobile Transponder Performance Analyser  
**Mtraq** : Multi track quality  
**MTS** : Manoeuvrable Target Simulator  
**MTS** : Memory Time Switch (ACS)  
**MTSAT** : Multi-Functional Transport Satellite  
**MTTF** : Mean Time To Failure  
**MTTR** : Mean Time To Repair (CBN - CNG)  
**MTTR<sub>lru</sub>** : Mean Time to repair LRU  
**MTTR<sub>rp</sub>** : Mean Time to repair product  
**MTTR<sub>sru</sub>** : Mean Time to repair SRU  
**MTU** : Master Trigger Unit  
**MTU** : Metric Units  
**MTW** : Mountain Waves  
**MTWA** : Maximum take-off Weight Authorized  
**MU** : Management Unit (ACARS)  
**MU** : Mu Meters  
**MUAC** : Military Upper Area Control (Centre)  
**MUD** : Mud  
**MUDPIE** : Multiple User Data Processing Interactive Environment  
**MUNI** : Municipal  
**MURATREC** : Multi Radar Track Reconstruction (System)  
**MUSAC** : Multiple Switching and Confirming (VCS)  
**MUT** : Mean Up Time  
**MUX** : Multiplex

**MVDF** : Medium and very high frequency direction-finding station (at the same location)  
**MVE** : Move  
**MW** : Megawatt  
**MW** : Microwave link  
**mW** : Milliwatt  
**MWA** : Message Warning Area  
**MWO** : Meteorological Watch Office  
**MWP** : Meteorological Working Position  
**MWP** : Meteorological Weather Processor  
**MWT(A)** : Mean Waiting Time, Administrative  
**MWW** : Upper Wind and Temperature Forecast (message)  
**MX** : Mixed type of ice formation (white and clear)  
**MXCOP** : MADAP Exit Co-ordination Point  
**MXFL** : MADAP Exit Flight Level

-N-

**N** : Neper  
**N** : North  
**N** : No distinct tendency (in RVR during previous 10 minutes)  
**n** : Symbol for nano- ( $10^{-9}$ )  
**N1** : Engine low pressure rotor speed  
**N90** : New York Tracon  
**N/A** : Not Applicable  
**N/C** : Not Comparable  
**NA** : National Administration  
**NA** : Not Available  
**NA** : Not Authorized  
**NABS** : National Augmentation Broadcast System  
**NAC** : North Atlantic Council  
**NACA** : National Advisory Committee for Aeronautics  
**NACMA** : NATO Agency for Air Command and Control System Management  
**NADC** : NATO Air Defence Committee  
**NADGE** : NATO Air Defence Ground Environment  
**NADIN** : National Airspace Data Interchange Network  
**NADIN II** : National Airspace Data Interchange Network II (the national digital message switching network for aeronautical data)  
**NAEW & C** : NATO Airborne Early Warnings (and Control)  
**NAFTA** : North American Free Trade Agreement (Canada, US, Mexico)  
**NAGU** : Notice Advisory to GLONASS Users  
**NAI** : Non Automated Initiation  
**NAIA** : New Athens International Airport  
**NAIS** : Norwegian Aeronautical Information System  
**NAK** : Negative Acknowledgement (ICAO)  
**NALLA** : National Long Lines Agency  
**NAM** : North America Region (ICAO)  
**NAMC** : National Airspace Management Cell  
**NAME** : Nadge - ADMAR Message Exchange  
**NAMILCOM** : NATO Military Committee  
**NAMSA** : NATO Maintenance and Supply Agency  
**NAMSO** : NATO Maintenance and Supply Organisation  
**NANU** : Notice Advisory to NAVSTAR Users  
**NAP** : National Associated Programmes  
**NAR** : North American Route System  
**NARDS** : Norwegian Automatic Dependent Surveillance  
**NARFA** : National Radio Frequencies Agency  
**NARG** : Navigation Aids and Area Navigation Group (ICAO - EANPG)  
**NARSIM** : NLR ATC Research Simulator  
**NAS** : National Airspace System  
**NAS** : Naval Air Station  
**NAS** : National Aircraft Standard  
**NAS** : Network Administration System (DAKOS, FFM / RAPNET - MAS UAC)  
**NASA** : National Aeronautics and Space Administration (US)  
**NASA RTLX** : NASA Raw Task Load index  
**NASA TLX** : NASA Task Load index  
**NASC** : National AIS System Centre  
**NASPAC** : National Airspace Performance Analysis Capability

**NAS-Plan** : National Airspace Plan  
**NAT** : North Atlantic Tracks  
**NAT ADS** : North Atlantic Automatic Dependent Surveillance  
**NAT ATMG** : North Atlantic Air Traffic Management  
**NATCA** National Air Traffic Controllers Association  
**NAT CADAG** : North Atlantic Communications Automation and Data Link Applications Group  
**NAT CMA** : North Atlantic Region Central Monitoring Agency  
**NAT IMG** : North Atlantic Implementation Management Group  
**NAT MWG** : North Atlantic Mathematicians Working Group  
**NAT OPS MNG** : North Atlantic Operations Managers Meeting  
**NAT RSSIG** : North Atlantic Reduced Separation Standard Implementation Group  
**NAT SPG** : North Atlantic Systems Planning Group (ICAO)  
**NAT VSIG** : North Atlantic Vertical Separation and Implementation Group  
**NAT NAM** : North Atlantic / North America (ICAO Regions)  
**NATCON** : North Atlantic Concept  
**NATINAD(S)** : NATO Europe Integrated Air Defence (System)  
**NATMC** : NATO Air Traffic Management Committee (former CEAC)  
**NATN** : (Swedish) National Aeronautical telecommunications Network  
**NATO** : North Atlantic Treaty Organisation  
**NATS** : National Air Traffic Services (UK)  
**NATSPG** : North Atlantic Systems Planning Group (ICAO)  
**NAT-TFG** : North Atlantic Air Traffic Forecasting Group  
**NAV** : Navigation  
**NAV-1** : Radar Data System (Portugal)  
**NAVAID** : Navigation(al) Aid  
**NAVDB** : Navigation Data Base  
**NAVSAT** : Navigation Satellite  
**NAVSEP** : Navigation and Separation Specialist Panel  
**NAVSTAR** : Navigation Satellite Timing and Ranging System  
**NB** : Northbound  
**NBAA** National Business Aircraft Association  
**NBFR** : Not Before  
**NBO** : (in a NOTAM) N: Indicates for immediate attention of aircraft operators, B: for inclusion in PIB's and O: Operationally significant for IFR flights.  
**NC** : No Change  
**NC** : Non-Critical  
**NC** : Normally Connected  
**NCAA** : NATO Civil Aviation Authority  
**NCAA** : Norwegian Civil Aviation Authority  
**NCAB** : National Civil Aviation Board  
**NCAIC** : National Civil Aviation Information Centre  
**NCCA** : No Clearance to Civil Aircraft  
**NCD** : No Computed Data  
**NCIPD** : National CIP Documents  
**NCMS** : Network Channel Management Station  
**NCN** : Non Compliance Notification  
**NCOP** : Entry Coordination Point  
**NCS** : Navigational Computer System  
**NCS** : Network Communication System  
**NCS** : Network Control System / Station (CBN - CNG)  
**NCW** : Non Conformance Warning  
**ND** : Navigation Display  
**ND** : Network Digit (CCITT X.121 Structure)  
**NDA** : National Distribution Agency  
**NDA** : Next Data Authority (ICAO)  
**NDB** : Nav Data Base  
**NDB** : Non-Directional Beacon  
**NDE** : Node Processor  
**NDS** : Non-Deviation Status  
**NDS** : Nuclear Detection System  
**NE** : North-East  
**NEAN** : North European ADS-B Network  
**NEAP** : North European Application Project  
**NEB** : Northeast Bound  
**NECP** : Entry Coordination Point  
**NEG** : No or Negative or permission not granted or that is not correct  
**NEGATIVE RA** : RA applying maximum vertical rate (eg don't descend > 500 ft/min)  
**NEI** : Noise Exposure Index  
**NERC System** : New En-Route Centre System (UK)  
**NERC** : New En-Route Control Centre (UK)  
**NERS** : North Atlantic European Routeing Scheme  
**NES** : Navigation Ground Earth Stations  
**NESDIS** National Environmental Satellite, Data, and Information Service  
**NET** : Network Entity Title  
**NETCAP** : Network Capacity (simulator)  
**NET-TF** : Circuit Provisioning and Network Management Task Force  
**NEWCTOT** : New Calculated Take-Off Time  
**NEWEOBD** : New Estimated Off-Block Date  
**NEWEOBT** : New Estimated Off-Block Time  
**NEWETOT** : New Estimanted Take-Off Time  
**NEWPTOT** : New Provisional Take-Off Time  
**NEW RTE** : New Rour  
**NEXRAD** : Next Generation Weather Radar  
**NF** : Noise Figure  
**NFDC** : National Flight Data Center (USA)  
**NFL** : Entry Flight Level (Re-Entrant Flight)  
**NFPDPS** : National Flight Plan Processing System  
**N-FRG** : Northern Federal Republic of Germany  
**NFS** : Network Filing System  
**NGATM** New Generation Air Traffic Manager  
**NGT** : Night  
**NHIP** : Nordic Harmonisation and Integration Programme  
**NIK** : Nicky VOR  
**NIL** : None or I have nothing to send to you  
**NIM** : Navigational Integrity Monitoring (ICAO)  
**NIMA** : National Imagery and Mapping Agency (of the US Department of Defence (DOD))  
**NIT** : Nordic Implementation Team  
**NJRASA** : Northern Joint Radar Advisory Service (UK)  
**NL** : the Netherlands (ISO Country Code)  
**NL** : Network Layer  
**NLA** : New Large Aircraft  
**NLC** : Netherlands Aviation College(NL) / Nederlands Luchtvaart College  
**NLES** : Navigation Land Earth Station  
**NLM** : Nederlandse Luchtvaart Maatschappij (airline)  
**NLM** Network Loadable Module  
**NLR** : Nederlands Lucht- en Ruimtevaart Laboratorium (NL) / National Aerospace Laboratory  
**NLT** : Not Later Than  
**NM** : Negotiation Manager (PATs)  
**NM** : North Marker  
**nm, NM** : Nautical Mile (1.852 m)  
**NMAC** : Near Mid-Air Collision  
**NMC** National Meteorological Center  
**NMC** : Network Management Centre (Cell) (RAPNET / MAS UAC / DAKOS)  
**NME/ad hoc** : Ad Hoc Working Group of National Management Experts  
**NMIL** : Nieuw Milligen  
**NML** : Normal  
**NMR** : Nautical Miles Radius  
**NMR** : National Military Representative  
**NMS** : Navigation Management System  
**NMS** : Network Management System / Switch  
**NMU** : Navigation Management Unit  
**NNE** : North-North-Eeast  
**NNW** : North-North-West  
**NO** : Norway (ISO Country Code)  
**NOAA** : National Oceanic and Atmospheric Administration  
**NOAA** : New Optimised Approach for ATSM Workshop  
**NOC** : Network Operation Centre  
**NODE** : NATS' Operational Display Equipment  
**NOF** : NOTAM Office  
**NOG OA&M** : NOG Operations, Administration &

Maintenance Subgroup (CNG - CBN)  
**NOG** : Northern Telecom Network Operator's Group (CNG - CBN)  
**NOG-FSG** : NOG Features Subgroup (CNG - CBN)  
**NOMAS** : NOTAM Management System (NL)  
**NONSTD** : Nonstandard  
**NOPT** : No Procedure Turn Required  
**NORAC** : No Radio Contact  
**NORDO** : No Radio (Aircraft without radio)  
**NOS** : Network Operating System  
**NOSIG** : No Significant Change (Used in trend-type landing forecasts)  
**NOTAM** : Notice to Airmen ( A notice containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations)  
**NOTAMN** : New Notam  
**NOTAMR** : Notam Replacing another Notam  
**NOTAMC** : Notam Cancelling another Notam  
**NP** : Network Protocol  
**NPA** : Non Precision Approach  
**NPDU** : Network Protocol Data Unit (RMCDE)  
**NPL** : Night Plan  
**NPO KIP** : [Russian]. Scientific Production Organisation ; Scientific Production Institute of Space Device Building  
**NPO PM** : [Russian]. NPO Prikladnoi Mekhaniki (RU) Scientific Production Institute for Applied Mechanics  
**NPO** : Scientific Production Organisation [Russian]  
**NPRM** : Notice of Proposed Rule Making (FAA)  
**NPV** : Net Present Value  
**NPV** : Non-Precision Approach procedure with Vertical Guidance  
**NR** : Noise Rating  
**Nr.** : Number  
**NRF** : NATS Research Facility  
**NRH** : No Reply Heard  
**NRL** : (US) Naval Research Laboratory  
**NRP** : North Reference Pulse  
**NRP** : National Route Plan/Program  
**NRZ** : Non Return to Zero (RMCDE)  
**NRZI** : Non Return to Zero Inverted (RMCDE)  
**ns** : Nanosecond  
**NS** : Navigation Separation  
**NS** : Next Sector  
**NS** : Nimbostratus  
**NSAP** : Network Service Access Point  
**NSC** : New Scottish Center  
**NSC** : No significant clouds (meteo)  
**NSC** : Notice to Airmen Selection Criteria  
**NSD** : Navigational Status Display  
**NSDU** : Network Service Data Unit  
**NSE** : Navigation System Error  
**NSM** : Network System (Sensor) Manager  
**NSSG** : Navigation and Separation Sub-Group  
**NSSR** : Next/New Secondary Surveillance Radar Code  
**NSTB** : National Satellite Test Bed  
**NSVN** : NATO Secure Voice Network  
**NSW** : No significant weather (meteo)  
**NSWC** : Naval Surface Warfare Centre  
**NT** : Northern Telecom (RMCDE)  
**NTAP** : Notice to Airman Publication  
**NTE** : Not to exceed  
**NTM F/T SIM** : Nattenheim Fast Time Simulation  
**NTN** : Network Terminal Number (CCITT X.121 Structure)  
**NTRY** : Entry  
**NTSB** : National Transportation Safety Board (US)  
**NUA** : Network User Address  
**NUDET** : Nuclear Detection  
**NVFR** : VFR by night  
**NW** : North-West  
**NW** : Northwest Airlines (airline)  
**NWB** : Northwest Bound  
**NWS** : National Weather Service  
**NXRPT** : Next Reporting Point  
**NXT** : Next

NI Engine Revolutions per Minute (percent)

-O-

**O/R** : On Request  
**O/T** : Other Times  
**O** : Oceanic  
**OA** : Olympic Airways (airline)  
**OAC** : Oceanic Area Control Centre  
**OACA** : Office of Airports and Civil Aviation / Office des Aéroports et de l'Aviation Civile  
**OACC** : Oceanic Area Control Centre  
**OAG** : Official Airlines Guide  
**OAS** : Obstacle Assessment Surface  
**OAS** : Oceanic Automation System (ICAO - ADS)  
**OASIS** : Oceanic Area System Improvement Study  
**OASIS** : Open Architecture for Simulation Systems  
**OASIS** : Open ATC System Integration Strategy (OCD)  
**OASIS** : Operational Application of Special Intelligence Systems  
**OASYS** : Obstacle Avoidance System  
**OAT** : Operational Air Traffic  
**OAT** : Outside Air Temperature  
**OATS** : Orbit and Attitude Tracking  
**OBA** : Off-Bore Sight Angle  
**Obj.** : Objective in CIP  
**OBR** : Obnova Radiolomunikaci (YU) / Renewal of Air-Ground Communications  
**OBS** : Organisational Breakdown Structure  
**OBS** : Observe or Observation Status  
**OBSC** : Obscured, Obscure, or Obscuring  
**OBST** : Obstacle, Obstruction  
**OBSTL** : Obstruction Lights  
**OBT** : Off Block Time  
**OBTEX** : Offboard Targeting Experiments  
**OC** : Object Correlator  
**OCA** : Oceanic Control Area  
**OCA** : Obstacle Clearance Altitude  
**OCAP** : Out of Control Action Plan  
**OCC** : Operations Control Center  
**OCC** : Occulting (light)  
**OCD** : Operational Concept Document for the EATCHIP Phase III System Generation  
**OCH** : Obstacle Clearance Height  
**OCL** : Obstacle Clearance Limit  
**OCL** : Oceanic Clearance delivery  
**OCNL** : Occasional or Occasionally  
**OCM** : Oceanic Clearance Message  
**OCP** : Obstacle Clearance Panel  
**OCP** : Operational Computer Programme  
**OCR TF** : Operational and Certification Requirements Task Force  
**OCR** : Operational and Certification Requirements  
**OCR** : Optical Character Recognition  
**OCS** : Obstacle Clearance Surface  
**OCS** : Operational Control Segment  
**OCT** : Onward Clearance Time  
**OCT** : Operational Control Terminal (VCS)  
**OCTF** : Operation Concept Task Force  
**OCU** : Operational Conversion Unit  
**OCV** : Operational Coverage Volume  
**OCX** : New Object similar to VBX  
**OD** : Organisation and Development (Unit attached to the Director General)  
**ODA** : Open Document Architecture  
**ODAPS** : Oceanic Display And Planning System  
**ODAPS** : Operational OGE Data Acquisition and Patch Subsystem  
**ODAX** : Name of military exercises  
**ODC** : Office of Defence Cooperation  
**ODETE** : On-line Data Exchange Terminal  
**ODF** : Oceanic Development Facility (ICAO)  
**ODIAC, ODIAC-TF** : Operational Development of Initial Air/Ground Data Communications Task Force  
**ODID** : Operational Display and Input Development  
**ODIF** : Open Document Interchange Format

<b>ODIN</b> : (Swedish) Briefing System (AIS)	; ATM Working Rules and Operational Requirements
<b>ODP</b> : ATM Operational Requirements & Data Processing	<b>OPS</b> : Operational Services, Centre of Expertise EEC
<b>ODS</b> : Operational Display System (ESCO)	<b>OPS</b> : Operations
<b>ODS</b> : Operator input and Display System	<b>OPS</b> : CFMU/FMD – Operations Section
<b>ODT</b> : Operational Requirements and Data Processing Team	<b>OPSEC</b> : Operational Security
<b>ODU</b> : Output Distribution Unit	<b>OPSP</b> : Operations Panel
<b>OECD</b> : Organisation for Economic Co-operation and Development (= OCDE)	<b>OPSroom</b> : Operations Room
<b>OEM</b> : Original Equipment Manufacturer	<b>OPT</b> : Operational Testing
<b>OFAC</b> : Office Fédéral de l'Aviation Civile (CH) / Federal Office for Civil Aviation (=FOCA)	<b>OPT</b> Optimum
<b>OFFPDR</b> : Off Predetermined Route	<b>O-QAR</b> Optical Quick Access Recorder
<b>OFIR</b> : Oceanic FIR	<b>OQPSK</b> : Offset Quadrature Phase Shift Keying
<b>OFIS</b> : Operational Flight Information System	<b>OR</b> : Operational Requirement
<b>OFL</b> : Off-Line	<b>ORA</b> : Operational Research and Analysis Group
<b>OFS</b> : Ordered Field Sequencing	<b>ORCAM</b> : Originating Region Code Assignment Method
<b>OFST</b> Lateral Offset Active Light	<b>ORD</b> : Indication of an Order
<b>OGE</b> Operational Ground Equipment	<b>ORGMMSG</b> : Original Message
<b>OGM</b> : Objectives > Goals > Mission	<b>ORGN</b> :Original
<b>OH</b> : Operational Handbook	<b>ORGRTE</b> : Original Route
<b>OHD</b> : Overhead	<b>ORIG</b> : Original
<b>OHP</b> : Over Head Projector	<b>ORD</b> : Operational Requirements Document
<b>OHTF</b> : Operational Harmonisation Task Force	<b>ORM</b> : Operational Reply Message
<b>OIDS</b> : Operational Information Display System	<b>ORMAQ</b> : Operation Room Management Attitudes Questionnaire
<b>OIS</b> : Obstacle Identification Surface	<b>ORQ</b> : D-OTIS Request Message
<b>OIS</b> : OGE Input Simulator	<b>ORs</b> : Operational Requirements
<b>OJT</b> : On-the-Job Training	<b>ORSG</b> : Operational Requirements Sub-Group
<b>OJTI</b> : On-the-Job-Training Instructor	<b>ORT</b> : Owner Requirements Table
<b>OK</b> : Czech Airlines (airline)	<b>ORTF</b> : Operational Requirements Task Force
<b>OL</b> : Operating Location	<b>OS</b> : Australian Airlines (airline)
<b>OLDI</b> : On-Line Data Interchange	<b>OSC</b> : Operations Steering Committee
<b>OLDI</b> : On-Line Data Interchange (automation in ATC)	<b>OSCAR</b> : Orbiting Satellite Carrying Amateur Radio
<b>OLDINA</b> : OLNO, Diekirch, Nattenheim (Nattenheim area)	<b>OSD</b> : Operational Scenarios Document
<b>OLDISP</b> : OLDI Specialist Panel	<b>OSF</b> : Open System (Software) Foundation
<b>OLEVAT</b> : On Line Exercise of Validation of Aircraft Trajectories	<b>OSF</b> : Open System Foundation
<b>OLR</b> : Off Load Route	<b>OSG</b> : Operational Services Group (MAS)
<b>OLS</b> : Off Line System	<b>OSI</b> Open System Interconnection (ISO defined communications architecture used in data link to permit heterogeneous data communication systems to be interconnected in order to allow the reliable exchange of messages without regard to the implementation of the networks and physical media through which the messages pass)
<b>OM</b> : Operations Manual	<b>OSIE</b> : OSI Environment
<b>OM</b> : Outer Marker	<b>OSM</b> : CFMU/ENGD - Operational Systems Management Section
<b>OMC</b> : Operational Monitoring Complex ; Operational Monitoring Cell (ACAS, AIG Sub-group)	<b>OSR</b> : CFMU/URB - Operational Systems Requirements Team
<b>OMD</b> : Operational Management Domain	<b>OST</b> : Operational Support Traffic
<b>OMG</b> : Operational Monitoring Group (ACAS)	<b>OSV</b> : Ocean Station Vessel
<b>OMI</b> : Organisation Maritime Internationale / International Maritime Organisation (=IMO)	<b>OTD</b> : D-OTIS Delivery Message
<b>OMS</b> : On-board Maintenance System	<b>OTD</b> : Operational Target Date
<b>ONL</b> : On-Line	<b>OTD</b> : Other Training Device
<b>ONP</b> : Open Network Provision (Telecommunications)	<b>OTF (VHF-OTF)</b> : Operational VHF Task Force
<b>OO</b> : Skywest Airlines (airline)	<b>OTF</b> : Operational Task Force
<b>OA</b> : Object Oriented Analysis	<b>OTF</b> : Operational, Technical and Financial Working Group
<b>OOD</b> : Object Oriented Design	<b>OTF/BFWG</b> : Combined Operational, Technical/Budgetary & Financial Working Group
<b>OOOI</b> : Out (Departure Block Time)-Off (Take-off)-On (Landing)-In (Arrival Block time)	<b>OTFP</b> Operational Traffic Flow Planning
<b>OOP</b> : Object Oriented Programming	<b>O-TGS</b> : ODS - Target Generation System
<b>OOP</b> : Operational Outline Programme	<b>OTH (R)</b> : Over The Horizon (Radar)
<b>OOR</b> : Outline Operational Requirement	<b>OTLK</b> : Outlook (used in SIGMET for volcanic ash and tropical cyclones)
<b>OP</b> : Operational (issues)	<b>OTP</b> : On Top
<b>OP</b> : Organisational Productivity	<b>OTP</b> : Overall Test Plan
<b>OPA</b> : Opaque, white type if ice formation	<b>OTR</b> : Operational Turn Around
<b>OPADD</b> : Operating Procedures for AIS Dynamic Data	<b>OTS</b> : Oceanic Track System
<b>OPAL</b> : Optimisation Platform for Airports, including Landside	<b>OTS</b> : Off-The-Shelf
<b>OPC</b> : The control indicated is operational control	<b>OTS</b> : Organized Track System
<b>OPD</b> : Operational Procedures Document (EAD)	<b>OTS</b> : Out of Service
<b>OPB</b> : Outer Performance Boundary (Tunnel Concept)	<b>OTSG</b> : Operational Training and Selection Group
<b>OPIF</b> : Operator Interface	<b>OTT</b> : D_OTIS Termination Message
<b>OPLAN</b> : Operational Plan	<b>OTV</b> : Orbital Transfer Vehicle
<b>OPM</b> : Office of Personnel Management	<b>OU</b> : Croatia Airlines (airline)
<b>OPM</b> : Operational Position Management	<b>OUR</b> : CFMU Operational User Requirements (FORM)
<b>OPMET</b> : Operational Meteorological Information	<b>OUTB</b> : Outbound
<b>OPN</b> : Open or Opening or Opened	<b>OUMSESTF</b> : Operational Use of Mode S Enhanced
<b>OPN</b> : Operational Planning Notes (MADAP-KARLDAP)	
<b>OPR</b> : Operator or Operate or Operative	
<b>OPR</b> : ATM Operational Requirements (EATCHIP Domain)	

Surveillance Task Force  
**OUNS** : Operational Navigation System  
**OURASIE** : Ourasie Toolkit : software X-windows toolkit built above Xt Intrinsic layer (CENA in-house product)  
**OV** : Estonian Air (airline)  
**OV** : Overseas National Airways  
**OVC** : Overcast (meteo)  
**OVR** : Over  
**Own** : TCAS II equipped aircraft - source of TCAS event

-P-

**P...** : Prohibited Area  
**P** : Prefix (CCITT X.121 Structure)  
**P** : Procedure-Required Tuned NAVAIID  
**P&H** : Press and Hold (mouse)  
**P,R,D Area** : Prohibited, Restricted, or Danger Area  
**P.ACCs** : Pairs of ACCs  
**p.t.t** : Push-to-Talk  
**PA** : Participating Area  
**PA** : Precision Approach  
**PA** : Provisional Acceptance  
**PAA** : Plot Accuracy Analysis  
**PABX** : Private Automatic Branch eXchange  
**PAC** : Pacific Region (ICAO)  
**PAC** : Preliminary Activation message  
**PAD** : Packet Assembler Disassembler  
**PAEW** : Personnel and Equipment Working  
**PAK** : Pilot Acknowledgement (service)  
**PALLAS** : Phased Automation of the Hellenic ATC System (new Greek ATC System)  
**PALS** : Precision Approach Lighting System (specify category)  
**PAM** : Pilot Acknowledgement Message  
**PAM** : Program for Analysis of MADAP  
**PAMCS** : Panel on Air Space Management and Control Systems  
**PAMPLAY** : PAM rePLAY system  
**PANS** : Procedures for Air Navigation Services  
**PANS-OPS** : Procedures for Air Navigation Services - Aircraft Operations  
**PANS-RAC** : Procedures for Air Navigation Services - Rules of the Air and Air Traffic Services  
**PAPI** : Precision Approach Path Indicator  
**PAQ** : Position Analysis Questionnaire  
**PAR** : Planning, Analysis and Reporting  
**PAR** : Precision Approach Radar  
**PARADISE** : Prototype of an Adaptable and Reconfigurable ATM Demonstration and Integration Simulator Environment  
**PARI method** : Precursor, Action, Result, Interpretation Method  
**PARI** : Precursor, Action, Result, Interpretation  
**PARL** : Parallel  
**PARZOC** : Parabolic Approximation of Aircraft Performance for use in a ZOC  
**PAT** : Pattern  
**PAT** : Provisional Acceptance Testing (CNG - CBN)  
**PATA** : Polish Air Traffic Agency  
**PATCG** : PHARE Advanced Tools Co-ordination Group  
**PATCHWORK** : Polish ATC Harmonisation Work programme (EAS)  
**PATCO** : Professional Air Traffic Controllers Association  
**PATN** : PHARE experimental Aeronautical Telecommunication Network  
**PATROCLOS** : Peripheral Airports Terminal Radars, ODS and Centrally Linked Operations System  
**PATs** : PHARE Advanced Tools  
**PATWAS** : Pilot Automatic Telephone Weather Answering Service  
**PAU** : Primary Authorised User  
**PAX** : Passengers  
**PAWES** : Performance Assessment and Workload Evaluation  
**PB** : Project Board

**PBD** : Place Bearing/Distance (way point)  
**PBE** : Peripheral Bus Extender (CBN - CNG)  
**PBL** : Problem-Based Learning  
**PBRA** : Plot Based Resolution Analysis  
**PC** : Personal Computer  
**PC** : Planning Controller ; Provisional Council (Eurocontrol)  
**PCA** : Physical Configuration Audit  
**PCB** : Printed Circuit Board  
**PCC** : Peripheral Computer Complex  
**PCC** : Planning Co-ordination Controller  
**PCC** : Polygone Co-ordination Centre  
**PCC** : Project Co-ordinating Committee (PETAL)  
**PCCB** : Program Change Control Board (FPPS/DECADE)  
**PCD** : Personal and Career Development  
**PCD** : Planning Controller Display  
**PCD** : Probability of Code Detection  
**PCD** : Proceed or Proceeding  
**PCFL** : Preferred Cruise Flight Level  
**P-channel** : Packet Mode Channel  
**PCI** : Permanent Commission for Investigation (on ATS incidents) ; Permanent Committee of Inquiry  
**PCI** : Protocol Control Information  
**PCIP** : Pilot Conversion and Implementation Plan  
**PCL** : Pending and Coast List  
**PCL** : Pilot Controlled Lighting  
**PCL** : Procedure Changeover Lines (IFF)  
**PCM** : Planning Co-ordination Message  
**PCM** : Pulse Code Modulation  
**PCMP** : Project Configuration Management Plan (MAS - ODS)  
**PCMT** : Plan Commun à Moyen Terme / Common Medium-Term Plan (=CMTP)  
**PCN** : Pavement Classification Number  
**P-Code** : Precise/Protected Code  
**PCP** : Project Control Plan  
**PCPU** : PCM Central Processing Unit (VCS)  
**PCR** : Periodic Contract Request (ICAO)  
**PCR** : Post Conference Report  
**PCR** : Problem Change Request  
**PCS** : Process Control System  
**PCT** : Planning Control Theory  
**PCV** : Probability of Code Validation  
**PCX** : A window compatible BIT format  
**PD** : PHARE Demonstration  
**PD** : Plan Display  
**PD** : Pointing Device  
**PD Profile Descent**  
**Pd, Pdet** : Probability of detection  
**PD/1** : PHARE Demonstration 1  
**PD/1+** : PHARE Demonstration 1+  
**PD/1++** : PHARE Demonstration 1++  
**PD/2** : PHARE Demonstration 2  
**PD/2+** : PHARE Demonstration 2+  
**PD/3** : PHARE Demonstration 3  
**PDA** : Planning Co-ordination Message Display Area  
**PDA** : Plot Detection Analysis  
**PDB** : Performance Data Base  
**PDC** : Peripheral Device Controller  
**PDC** : Pre-Departure Clearance (message)  
**PD-Channel** : Packet Data Channel  
**PDES** : Pulse Doppler Elevator Scan  
**PDF** : Percentage of Delayed Flights (Delay Parameter Abbreviations)  
**PDG** : Procedure Design Gradient  
**PDME** : Precision Distance Measuring Equipment  
**PDN** : Public Data Network  
**PDOP** : Position Dilution of Precision  
**PDP** : Polar Diagram Plotter  
**PDR** : Pre-Determined Route  
**PDR** : Preliminary Design Review  
**PDRP** : Problem Detection and Resolution  
**PDS** : Programme Development System  
**PDTWG** : Plot Data Transmission Working Group  
**PDU** : Power Distribution Unit  
**PDU** : Protocol Data Unit (RMCDE)  
**PE 90** : Parameters of Earth, 1990. Russian Geodetic

System

**PE** : Processor Element (CBN - CNG)  
**PE** : Protected Earth  
**PE** : Ice Pellets  
**PEA** : Parameter and Environment Assembler  
**PEC** : Pressure Error Correction  
**PEL** : Planned Entry Level (to a sector or volume of airspace) (ODID)  
**PELA** : Proficiency test in English Language for ATCOs  
**PEM** : Phone Emergency Module  
**PENS** : Pan-European Fixed Network Service  
**PEP** : Performance Engineering Programme (long-term scientific studies)  
**PER** : Packet Encoding Rules  
**PER** : Performance  
**PERM** : Permanent  
**PERF** : Performance  
**PERT** : Programme Evaluation and Review Technique  
**PES** : Proposed Eurocontrol Standard Document  
**PETAL** : Preliminary Eurocontrol Tests of Air/Ground data Link  
**PEX** : PHIGS Extended X-Windows System  
**PF** : Pilot Flying  
**PFA, Pfa** : Probability of False Alarm  
**pFAST** : passive Final Approach Spacing Tool  
**PFD** : Planned Flight Data (CFMU - CASA)  
**PFD** : Primary Flight Display  
**PFD** : Probability of Failure Detection  
**PFE** : Path Following Error  
**PFI** : Private Finance Initiative  
**PFL** : Planned Flight Level  
**PFLext** : Probability of Failure/Fault Localisation, external  
**PFLint** : Probability of Fault Localisation, internal  
**PFM** : Pre-Flight Messages (EW)  
**PFN** : Pulse-Forming-Network  
**PFR** : Probability of Failure Repair  
**PGMP** : Pilot Group on ATCO Manpower Planning  
**PGS** : CFMU/MSB - Personnel General Services Team  
**PHA** : Preliminary Hazard Analysis  
**PHARE** : Poland, Hungary Aid for Restructuring of the Economy (European Commission)  
**PHARE** : Programme for Harmonised Air Traffic Management and Research in Eurocontrol ; Programmed for Harmonised Research in Europe  
**PHAROS** : Plan Handling and Radar Operating System (NL - Military)  
**PHIBUF** Performance Buffet Limit  
**PHIGS** : Programmer's Hierarchical Interactive Graphics System  
**PHINOM** : Nominal Bank Angle  
**PI** : Performance Indicator  
**PI** : Peripheral Interface (CBN - CNG)  
**PI** : Procedure Turn to Intercept (ARINC 424 Path Terminator)  
**PIAC** : Peak Instantaneous Aircraft Count  
**PIB** : Policy Information Base  
**PIB** : Pre-flight Information Bulletin (plain language)  
**PICASSO** : Control, Analysis and Monitoring of the Spanish Air Navigation System. Statistical application  
**PID** : Pilot Information Downlink (service)  
**PIM** : Programme Implementation Management  
**PIP** : Plug In Panel  
**PIP** : Product Improvement Package/Programm  
**PIREP** : Pilot Report (ICAO)  
**PIREPS** Pilot Reports  
**PIRG** : Planning and Implementation Regional Groups (ICAO, al)  
**PIU** : Parent IFPS Unit  
**PJE** : Parachute Jumping Exercise  
**PK** : PIA Pakistan International (airline)  
**PL** : Ice Pellets (meteo)  
**PL** : Poland (ISO Country Code)  
**PL** : Pseudolite  
**PLA** : Practise Low Approach  
**PLANO** : Procedures Linked to Abating Noisy Operations (ANCAT TF)

**PLATON** : new RDPS  
**PLB** : Personal Locator Beacon  
**PLC** : Planning Controller (also known as Coordinator)  
**PLL** : Phase Locked Loop  
**PLMN** : Public Land Mobile Network  
**PLN** : Flight Plan  
**PLN** : Flight Plan Conformance (new name is FLIPCY)  
**PLP** : Packet Layer Protocol  
**PLVL** : Present Level  
**PLW** : Plow, Plowed  
**PMAT** : Portable Maintenance Acces Terminal  
**PMB** : Programme Management Board  
**PMB** : Project Management Bureau  
**PMB** : Project Management Bureau  
**PMC** : Project Management Cell  
**PMCG** : Preliminary Maastricht Co-ordination Group  
**PMCS** : Performance Management Computer System  
**PMCT** : People Management Core Team  
**PMD** : Pre-warning Message for Departure  
**PME** : Pre-warning Message Entry  
**PM/FL** : Process Monitoring / Fault Location  
**PMO** : Pre-warning Message OAT  
**PMO** : Program Management Organization  
**PMP** : Project Management Plan  
**PMR Steering Committee** : Planning Monitoring and Reporting Steering Committee  
**PMS** : Performance Management / Monitoring System  
**PMT** : Plan à Moyen Terme (MTP)  
**PMW** : Project Management Workbench  
**PMX** : Planning Message Exit  
**PN** : Prior Notice Required  
**PND** : Primary Navigation Display  
**PNF** : Pilot Not Flying  
**PNR** : Point of No Return  
**PNR** : Prior Notice Required  
**PO** : Dust devils (meteo)  
**PO** : Polar Air Cargo (airline)  
**PoACCS** : Portuguese Air Command and Control System  
**PoAF** : Portuguese Air Force  
**POB** : Persons On Board  
**POC** : Point of Contact  
**POD** : Port of Debarkation  
**POE** : Port of Embarkation  
**POEMS** : Pre-Operational European Mode S Station  
**POEMS** : Pre-Operational (development) European Mode S Enhanced Surveillance  
**POG** : Point of Gaze  
**POR** : INMARSAT Pacific Ocean Region  
**POR** : Pacific Ocean Region  
**PoR** : Point of Risk  
**POS** : Position  
**Positive RA** : RA applying minimum vertical rate (eg climb)  
**POS INIT** Position Initialization  
**POSIX** : Portable Operating System Interface for Computer Environments  
**POS REF** Position Reference  
**POSS** : Possible  
**PPC** : Physical Protected Circuit  
**PPC** : Policy Planning Committee  
**PPC** : CFMU/ENGD - Projects, Procurement & Communication Section  
**PPD** : Aircrew Preferences Downlink (Service)  
**PPD** : Pilot References Downlink  
**PPD** : Plans and Policy Division  
**PPI** : Plan Position Indicator  
**ppi** : Points Per Inch or points per inch  
**PPL** : Private Pilot License  
**PPM** : Pages per Minute  
**PPM** : Pulse Position Modulation  
**PPO** : Prior Permission Only  
**PPOS** Present Position  
**PPR** : Prior Permission Required  
**PPS** : Precision Positioning Service/System  
**PPS, pps** : Pulses Per Second

<b>PPSN</b> : Present Position	<b>PSA</b> : Primary Subject Area
<b>PPSN</b> : Public Packet Switching Network	<b>PSA</b> : Provisional Site Acceptance
<b>PQM</b> : Project Quality Manager	<b>PSAP</b> : Presentation Service Access Point
<b>PQP</b> : Project Quality Plan	<b>PSAL</b> : Provisional Slot Allocation List
<b>PR</b> : Banks (meteo)	<b>PSB</b> : Parallel System Bus
<b>PR</b> : Position Reporting	<b>PSC</b> : Performance, Standard, Conditions
<b>PR</b> : Primary Radar	<b>PSC</b> : Project Steering Committee
<b>PR</b> : Pseudorange	<b>PSDN</b> : Packet Switched Data Network
<b>PR, PRI</b> : Primary (radar or unit)	<b>PSDN</b> : Public Switched Data Network
<b>PR/PSR</b> : Primary (Surveillance) Radar	<b>PSE</b> : Primary Surveillance Equipment
<b>PRA</b> : Plot Resolution Analysis	<b>PSG</b> : Passing
<b>PRA</b> : Primary Rate Access	<b>PSG</b> : Programme Steering Group
<b>PRAISE</b> : Preparation for Research and Development in Support of EATMS programme	<b>Psi</b> : Pounds/square inch
<b>PRAISE</b> : Preparation of Functional Concepts from EATMS Operational Requirements	<b>PSMC-Channel</b> : Packet System Management and Control Channel
<b>PRC</b> : EEC business area - support to performance review	<b>PSMSL</b> : Permanent Service for Mean Sea Level
<b>PRC</b> : Performance Review Commission (New Convention)	<b>PSN</b> : Position
<b>PRE</b> : Preview	<b>PSN</b> : Public Switch Network (DFS = sub-network RAPNET, CBN = system of the national ATS)
<b>PRE</b> : Previous Centre	<b>PSP</b> : Pierced Steel Planks
<b>PREDICT</b> : CFMU – Pre-Tactical System	<b>PSP</b> : Primary Spare Part
<b>preC</b> : PreCouncil (= to replace CE)	<b>PSPDN</b> : Packet Switched Public Data Network
<b>PRF</b> : Pulse Repetition Frequency – pertaining to radar	<b>PSR</b> : Packed Snow on Runway(s)
<b>PRFG</b> : Aerodrome Partially covered by Fog	<b>PSR</b> : Primary Secondary Radar
<b>Pre-OJT</b> : Pre-On-the-Job Training	<b>PSR</b> : Primary Surveillance Radar
<b>PREV</b> : Previous	<b>PSSA</b> : Preliminary System Safety Assessment
<b>PREVI</b> : Data Processing system to support the forecast and regulation of the air traffic (F)	<b>PSSR</b> : Present Secondary Surveillance Radar -code-PT
<b>PRF</b> : Percentage of Regulated Flights(Delay Parameter Abbreviations)	<b>PSTN</b> : Packed Switched Telecommunication Network
<b>PRF</b> : Pulse Repetition Frequency (or recurrence)	<b>PSTN</b> : Public Switched Telephone Network
<b>PRI</b> : Primary	<b>Pt</b> : Total Pressure
<b>PRI</b> : Pulse Repetition Interval	<b>PT</b> : Point
<b>PRIF</b> : PROC Interface Tool	<b>PT</b> : Portugal (ISO Country Code)
<b>PRKG</b> : Parking	<b>PTCHY</b> : Patchy
<b>PRL</b> : Pilot Request, Level (service)	<b>PTE</b> : POEMS Test Environment
<b>PRM</b> : Precision Runway Monitor	<b>PTH</b> : Path
<b>PRN Code</b> : Pseudo Random Noise Code	<b>PTN</b> : Procedure Turn
<b>PRN</b> : Pseudo Random Noise	<b>PTO</b> : Preferred Time Over
<b>P-RNAV</b> : Precision Area Navigation	<b>PTOT</b> : Provisional Take Off Time
<b>P-RNAV</b> : Precision RNAV	<b>P-t - P / pt to pt</b> : Point-to-Point
<b>ProATN</b> : Prototype Aeronautical Telecommunications Network	<b>PTP</b> : Part-Task Practice
<b>PROB</b> : Probability	<b>PTRMC</b> : Prototype Team Resource Management Courseware
<b>PROC</b> : Procedure	<b>PTS</b> : PoinTS (route points)
<b>PROC</b> : Procurement (tool)	<b>PTS</b> : Polar Track Structure
<b>PRODAT</b> : PROSAT Data Link Experiment	<b>PTS</b> : Pre-Training Screen
<b>PROF</b> : Profile	<b>PTSD</b> : Post Traumatic Stress Disorder
<b>PROFI</b> : Multinational Project Financing	<b>PTT</b> : Part-Task Trainer
<b>PROG</b> : Progress Page on MCDU	<b>PTT</b> : Push to Talk
<b>PROM</b> : Programmable Read Only Memory	<b>PTW</b> : Project Team Work
<b>PROP</b> : Propellor	<b>PU</b> : Processing Unit
<b>PRORES</b> : Problem Resolution	<b>PUB</b> : Publications and Charts (AIS-TF)
<b>PROSAT</b> : Program Satellite (European Space Agency)	<b>PUMA</b> : Performance Usability-Modelling of ATM
<b>PROSIT</b> : Problem Situation	<b>PV</b> : Performance Verification
<b>PROV</b> : Provisional	<b>PV</b> : Present Value
<b>PROVE</b> : European ATC Pre-operational Validation and Experimental Trials Platform	<b>PVC</b> : Permanent Virtual Circuit
<b>PRP</b> : Pulse repetition Period	<b>PVD</b> : Plan View Display
<b>PRQ</b> : Pilot Request (service)	<b>PVT</b> : Private
<b>PRR</b> : Performance Review Report	<b>PVT</b> : GNSS Position Velocity Time
<b>PRR</b> : Pilot Request, Route (service)	<b>PWB</b> : Printed Wire Board
<b>PRS</b> : Performance Review System	<b>PWG</b> : Pensions Working Group
<b>PRS</b> : Picture Repetition Store	<b>PWP</b> : Physical Working Position
<b>PRSG</b> : Performance Review Sub-Group	<b>PWP</b> : Published Way Point
<b>PRT</b> : Preferences Tool	<b>PWR</b> : Power
<b>PRT</b> : Processing Response Time	<b>PZ 90</b> : Parameters of Earth 1990
<b>PRU</b> : Performance Review Unit (New Convention)	<b>PZ</b> : Portotroz (SI)
<b>Ps</b> : Pressure, static - air data measurement	
<b>PS</b> : Pacific Southwest Airways	
<b>PS</b> : Plus	
<b>PS</b> : Position Symbol	
<b>PS</b> : Power Supply (ACS)	
<b>PS</b> : Problem Solver (PATs)	
<b>PSA</b> : Passive Slot Allocation	
	<b>-Q-</b>
	<b>Q</b> : Question
	<b>Q</b> : Quadrature Component (MTI)
	<b>Q</b> : Atmospheric Pressure
	<b>Q&amp;A</b> : Question and Answer
	<b>Q.23</b> : Signalling system for PABX
	<b>Q.SIG</b> : ATS-Q.SIG - standard for ATC. G/G voice



communications  
**QA** : Quality Assurance (Section) CFMU/ENG D  
**QAR** : Quick Access Recorder  
**QAR** : Quality Assurance Representative (DECADE)  
**QBI** : Compulsory IFR Flight  
**QC** : Quality Control (DECADE)  
**QCM** : Quality Control Manager  
**QDM** : Magnetic Heading (zero wind) (ICAO)  
**QDR** : Magnetic Bearing (ICAO)  
**QF** : Quality Factor  
**QFE** : Atmospheric Pressure at Aerodrome Elevation (or at runway threshold)  
**QFU** : Magnetic orientation or runway in use  
**QHN** : Altimeter Sub-scale setting (RLD paper)  
**QNE** : Altimeter subscale set to 1013,2 hectopascals  
**QNF** : Altimeter sub-scale setting to obtain elevation when on ground  
**QNH** : Atmospheric Pressure at Nautical Height ; Q-code designation for atmospheric pressure at mean sea level  
**QOS** : Quality of Service  
**QP** : Quality Plan (MAS/DFS - ODS)  
**QPSK** : Quadrature Phase Shift Keying  
**QRA** : Who Are You  
**QRH** : The barometric pressure as reported by a particular station  
**QRPS** : Route Points Store (Static Data Bank)  
**QSIG** : Signalling to a Q Reference Network  
**QTE** : True bearing (ICAO)  
**QTG** : Qualification Test Guid  
**QTY** : Quantity  
**QuestionAIR** : Computer-based ATM questions bank  
**QUAD** : Quadrant  
**QUIS** : Questionnaire for User Interface Satisfaction

-R-

**R** : En-Route  
**r** : Rate of change (climb or descent)  
**R** : Red  
**R** : Right (runway identification)  
**R** : Romania  
**R** : Route Tuned NAV AID  
**R...** : Radial (followed by a MAG track)  
**R...** : Restricted area  
**(R)** : Radar (radar service available)  
**R Team** : Collection of air navigation charges under bilateral agreements with non-Contracting States  
**R&D** : Research and Development  
**R/C** : Rate of Climb  
**R/T or RTF** : Radio Telephony  
**R/T** : Radio Telephonic Transmission  
**R+B** : Range and Bearing line  
**R1** : Minor Repairs  
**R2** : Major Repairs  
**R2** : Eurocontrol Signalling Protocol  
**R2** : European signalling standard (Voice communication)  
**R2** : Signalling system used for telephone exchanges  
**RA** : Radio Access  
**RA** : Radio Altitude  
**RA** : Rain (meteo)  
**RA** : Resolution Advisory (ACAS/TCAS)  
**RA** : Risk Analysis (TCAS)  
**RA** : Routine Area  
**RAA** : Regional Airline Association  
**RAARR** : Radar Arrival  
**RAAS** : Regional Area Augmentation System  
**RAC** : Resolution Advisory Complement  
**RAC** : RUHR Assistant Controller  
**RAC** : Rules of the Air and Air Traffic Services-Control (ICAO)  
**RACE** : Runway Capacity Enhancement  
**RAD** : Radar  
**RAD** : Radial  
**RAD** : Radio  
**RAD** : Route Availability Document  
**RADAC** : Radar Verification Equipment in Norway

**RADAR** : Radio Detecting and Ranging  
**RADEP** : Radar Departure  
**RADIN** : Radar Data Interchange Network  
**RADIN** : Radar Data Interface  
**RADNET** : Radar Network (for interchange of radar data)  
**RADVIEW** : Radar Verification Equipment in Norway  
**RAE** : Royal Aircraft Establishment (Farnborough)  
**RAF** : Reference ATN Facility (US/Eurocontrol common project for development of the CAERAF)  
**RAF** : Royal Air Force  
**RAFC** : Regional Area Forecast Centre  
**RAG** : Ragged  
**RAG** : Range-Azimuth Gate Generator  
**RAG** : Runway Arresting Gear  
**RAI** : Italian Aeronautical Certification Authority  
**RAI** : Runway Alignment Indicator  
**RAIL** : Runway Alignment Indicator Lights  
**RAIM** : Receiver Autonomous Integrity Monitoring (GPS)  
**RALT** : name of enroute alternate aerodromes  
**RAM** : Random Access Memory  
**RAM** : Reliability, Availability and Maintainability  
**RAM** : Responsibility Assignments Matrix  
**RAMBO** : Reliable, Available, Maintainable, Benefits, Objectives  
**RAMOS** : Remote Automatic Meteorological Observing System  
**RAMS** : Reorganised ATC Mathematical Simulator  
**RAN** : Regional Air Navigation (meeting)  
**RANSU** : Regional Air Navigation Service Unit (DFS)  
**RAP** : Recognised Air Picture  
**RAP** : Resource Allocation Process  
**RAPCON** : Radar Approach Control Facility  
**RAPID** : Recognised Picture Identification Distribution  
**RAPNET** : (European) Regional Aeronautical Packet Switched Network (CBN + DAKOS)  
**RAPPI** : Radar Access Plan Position  
**RAPS** : Recovery Access Presentation System  
**RAR** : Restricted Area Requested  
**RARAD** : Radar Advisory  
**RAS** : Resource Allocation System  
**RASA** : Radar Advisory Service Area  
**RASA** : Requirements Analysis Strategy and Architecture Sub-group  
**RASC** : Regional AIS System Centre  
**RASCAL** : Radar Sharing Calculation  
**RASCAL** : Radar Station Coverage Calculator  
**RASCAL** : Rotorcraft Air Crew Systems Concepts Airborne Laboratory  
**RASIF** : Radar Simulator Flugsicherung  
**RASP** : Radar Application Specialists Panel (MTPA / SSR)  
**RASP** : Radar Surface Picture  
**RASS** : Radar Analysis Support System  
**RASS-C** : Radar Analysis Support System - Centre Level  
**RASS-P** : Radar Analysis Support System - Plot data  
**RASS-PDP** : RASS - Polar Diagram Measurement Facility  
**RASS-S** : Radar Analysis Support System - Sensor Level  
**RASS-T** : Radar Analysis Support System - Track data  
**RASTA** : Radar Statistics Program  
**RASV** : Responsibility Air Space Volume  
**RATE** : Remote Air Traffic Services Terminal  
**RATS** : Radar Analysis and Test System  
**R-ATSU** : Air Traffic Service Receiving Unit  
**RATT** : Radio Teletype  
**RB** : Resque Boat  
**RBP** : Radar Bypass Processor (MAS UAC)  
**RBS** : Radio (Telephony) Backup System  
**RC** : Radar Controller  
**RCA** : Reduced Co-ordination Airspace  
**RCA** : Reach Cruising Altitude  
**RCA** : CFMU TERMINAL - Remote Client Application  
**RCAG** : Remote Communication Air/Ground Facility  
**RCAT** : Route Catalogue  
**RCC** : Rescue Co-ordination Centre  
**RCD** : DCL Request Message  
**RCDS** : Radio Channel Distribution and Switching  
**RCSS** : Radar Control and Display Subsystem

<b>RCF</b> : Radio Communications Failure	<b>REM</b> : Roentgen Equivalent Man
<b>RCFEP</b> : Radar Data Communications Front-End Processor	<b>REMOCO</b> : Remote Control (Supervision System)
<b>RCGSP</b> : Review of the General Concept for Separating Panel (ICAO)	<b>REMP</b> : Radar Replacement and Modernisation Programme
<b>RCH</b> : Reach or Reaching	<b>RENL</b> : Runway End Light(s)
<b>RCHG</b> : Repetitive Flight Plan Modification Message (ADEXP only)	<b>REP</b> : Report or Reporting
<b>R-Channel</b> : Random Access Channel	<b>REP</b> : Reporting Point
<b>RCL</b> : Executive (i.e. Radar) Controller	<b>REQ</b> : Request or Requested
<b>RCL</b> : Runway Centre Line	<b>RER</b> : Rerouting
<b>RCLL</b> : Runway Centre Line Lights	<b>RER</b> : Residual Error Rate
<b>RCLR</b> : Recleared	<b>TERTE</b> : Reroute
<b>RCM</b> : Radar Co-ordinator (Controller) Message (Mil. ECM)	<b>RES</b> : Radar Environment Simulator
<b>RCM</b> : Statement of Basic Operation Requirement, Planning Criteria & Methods of Application (ICAO/AIS)	<b>RESA</b> : Runway End Safety Area (ICAO)
<b>RCNL</b> : Repetitive Flight Plan Data Cancellation Message (ADEXP only)	<b>RESP</b> : Response (ICAO)
<b>RCO</b> : Reduce Cumulative Overloads	<b>RESPBY</b> : Respond by (time out to give a response)
<b>RCO</b> : Remote Communications Outlet	<b>RESTQ</b> : Recovery Stress Questionnaire
<b>RCO</b> : Route Charges Office (National Route Charges Office)	<b>RESTR</b> : Restriction
<b>RCP</b> : Required Communication Performance	<b>RESYNCING</b> : Resynchronizing
<b>RCP</b> : Radio Control Panel	<b>RET</b> : Airborne & ground retrofit (issues)
<b>RCR</b> : Runway Condition Reading	<b>RET</b> : Revised EOBT
<b>RCRT</b> : Refresh Cycle Response Time	<b>RETD</b> : Revised Estimated Time of Departure
<b>RCS</b> : Radar Cross Section	<b>REV</b> : REVision / REVise (message)
<b>RCS</b> : Remote Control System	<b>RF</b> : Radio Frequency
<b>RD</b> : Risk Display (ODID)	<b>RF</b> : Radius to a Fix (ARINC 424 Path Terminator)
<b>RD</b> : Routing Domain	<b>RFCA</b> : Panel on Route Facility, Cost Accounting and Cost Allocation (ICAO)
<b>RDC</b> : Routing Domain Confederation	<b>RFCP</b> : Route Facility Costs Panel (ICAO)
<b>RD-Channel</b> : Random Data Channel	<b>RFEP</b> : Radar Front End Processor
<b>RDDII</b> : Radio Digital Distance Magnetic Indicator	<b>RFF</b> : Radar Fall-back Facility
<b>RDF</b> : Radio Direction Finding	<b>RFG</b> : Radio Frequency Generator
<b>RDG</b> : Radar Data Generator	<b>RFI</b> : Radio Frequency Interferences
<b>RDH</b> : Reference Datum Height (for ILS)	<b>RFI</b> : Request For Information
<b>RDI</b> : Radio Direction Indicator	<b>RFI</b> : Request For (direct) Improvement Message
<b>RDI</b> : Routine Domain Identifier	<b>RFL</b> : Requested Flight Level
<b>RDIF</b> : Radar Data Interchange Format	<b>RFLT</b> : Radio Frequency Unit
<b>RDL</b> : Radial	<b>RFM</b> : Remote Field Monitor
<b>RDM</b> : Running Display Message	<b>RFP</b> : Replacement Flight Plan (Procedure)
<b>RDO</b> : Radio	<b>RFP</b> : Request for Proposal
<b>RDP</b> : Radar Data Processor	<b>RFPD</b> : Repetitive Flight Plan Data
<b>RDPP</b> : Radar Data Post Processor	<b>RFPS</b> : Radar data Front Processing System (PALLAS system)
<b>RDPS</b> : Radar Data Processing System	<b>RFQ</b> : Request for Quotation
<b>RDQC</b> : Radar Data Quality Control	<b>RFS</b> : Radar Fallback System
<b>RDR</b> : Radar Data Recording	<b>RFS</b> : Random Field Sequencing
<b>RDSS</b> : Radar Determination Satellite System	<b>RFU</b> : Radio Frequency Unit
<b>RDTE</b> : Research, Development, Trials and Evaluation	<b>RG</b> : Range
<b>RE</b> : Recent (used to qualify weather phenomena e.g. RERA = recent rain)	<b>RG</b> : Varig Brazilian (airline)
<b>REA</b> : Ready Message	<b>RGCS</b> : Review of General Concept of Separation Panel (ICAO)
<b>REACT</b> : Rain Echo Attenuation Compensation Technique	<b>RGIC</b> : Ranging Integrity Channel
<b>Real</b> : Real time	<b>RGS</b> : Regional Ground Station
<b>Real-time FDMD</b> : Real-time Flight Data Processing Management and Distribution	<b>RGS</b> : Remote Ground Station
<b>REC</b> : Recall (ICAO) / Recording	<b>RH</b> : Radar Head
<b>REC</b> : Receive or Receiver	<b>RH</b> : Right Hand (turn)
<b>REC</b> : Request EOBT Change	<b>RHCP</b> : Right Hand Circular Polarisation
<b>RecDPS</b> : Recording Data Processing System (PALLAS System)	<b>RHD</b> : Radio (or Radar) Horizon Distance
<b>REDAN</b> : Spanish Data Network	<b>RHEA</b> : The Role of Human in the Evolution of Air Traffic Management
<b>REDL</b> : Runway Edge Light(s)	<b>RHF</b> : Ridiculously High Frequency
<b>REF</b> : Reference	<b>RI</b> : Route Intercept
<b>REFGHMI</b> : Reference generic HMI	<b>RIB</b> : Routing Information Base
<b>REG</b> : Registration	<b>RIC</b> : Radar Integration Control
<b>REG</b> : Regulation	<b>RICE</b> : RTF Interface Control Equipment
<b>REG</b> : Regulatory (issues)	<b>RID</b> : Review Item Description
<b>REGUL</b> : Regulation	<b>RIF</b> : Radio Interface
<b>REIL</b> : Runway End Identifier Lights	<b>RIF</b> : Reclearance in Flight
<b>REJ</b> : Rejection Message	<b>RIF</b> : changes of routing to the changed destination aerodrome and/or changed destination aerodrome (Flightplan)
<b>REJCTOT</b> : Rejected Calculated Take-Off Time	<b>RIG</b> : Regional Implementation Group
<b>REL</b> : Release	<b>RIMS</b> : Ranging and Integrity Monitoring Station (GNSS-1/EGNOS)
<b>RELCTD</b> : Relocated	<b>RINAL</b> : Portuguese Data Network
<b>REM</b> : Radio Emergency Module	<b>RIRT</b> : Russian Institute of Radio Navigation and Time (St. Petersburg)
	<b>RIS</b> : Relational Interface System

<b>RISC</b> : Reduced Instruction Set Computer	Scheduling of Aircraft System
<b>RISE</b> : Retrieval and Interchange of Standards in Europe	<b>ROSE</b> : Rational Object oriented Software Engineering
<b>RIT</b> : RADNET Implementation and Integration Team	<b>ROSE</b> : Remote Operations Service Element
<b>RITA</b> : Replay Interface for TCAS Alerts	<b>Router</b> An ATN network layer gateway which performs the relaying and routing of data packets across interconnecting subnetworks based on the source and destination network layer addresses and the desired quality of network service
<b>RITE</b> : Right (direction or turn)	<b>ROZ</b> : Restricted Operations Zone
<b>RJ</b> : Roal Jordanian (airline)	<b>RP</b> : Radar Post
<b>RJC</b> : Airspace Crossing Reject Message (Airspace Crossing Dialogue)	<b>RP</b> : Reporting Point
<b>RJT</b> : Rerouteing Rejection Message	<b>RPC</b> : Regional Planning Criteria
<b>RL</b> : Report Leaving	<b>RPF</b> : Rapid Prototyping Facility
<b>RL</b> : Runway Lights	<b>RPK</b> : Revenue Passenger-Kilometer
<b>RLA</b> : Relay to	<b>RPL</b> : Repetitive Flight Plan
<b>RLB</b> : Rolling Ball	<b>RPL</b> : Stored Flight Plan
<b>RLBCS</b> : Rolling Ball CallSign (input)	<b>RPLC</b> : Replace or Replaced
<b>RLCE</b> : Request Level Change En-route	<b>RPM</b> : Revenue Passenger-Miles
<b>RLD</b> : Rijks Luchtvaart Dienst (Dutch equivalent of FAA)	<b>RPM / rpm</b> : Revolutions Per Minute
<b>RLG</b> : Ring Laser Giro	<b>RPS</b> : Radar Position Symbol
<b>RLIM</b> : Radar Data Line Interface Module	<b>RPS</b> : Recording and Playback System
<b>RLLS</b> : Runway Lead-In Light System	<b>RPT</b> : Regular proficiency Training
<b>RLNA</b> : Requested Level Not Available	<b>RPT</b> : Repeat or Repeated
<b>RLP</b> : Remote Line Printer	<b>RPU</b> : Radar Processing Unit
<b>RLSD</b> : Released	<b>RPV</b> : Remotely Piloted Vehicle
<b>RLSM</b> : Reduced Lateral Separation Minimum	<b>RPVD</b> : Radar Plan View Display
<b>RLST</b> : Revised List (for RPLs)	<b>RPY</b> : Replay
<b>RLW</b> : Regie der LuchtWegen (NL) / Régie des Voies Aériennes (B) / Belgium Aviation Authority	<b>RQ</b> : Air Engiadina (airline)
<b>RMA</b> : Reliability, Maintainability, Availability	<b>RQL</b> : Request NOTAM List
<b>RMCD</b> : Remote Master Control Desk	<b>RQMNTS</b> : Requirements
<b>RMCDE</b> : Radar Message Conversion and Distribution Equipment	<b>RQN</b> : Request NOTAM
<b>RMCS</b> : Remote Monitoring and Control System	<b>RQP</b> : Request for Flight Plan
<b>RMI</b> : Radio Magnetic Indicator	<b>RQP</b> : Request Plan Message
<b>RMK</b> : Remarks	<b>RQP</b> : CFMU/URB - Relations, Quality & Performance Team
<b>RMM</b> : Remote Maintenance Monitoring	<b>RQRD</b> : Required
<b>RMNDR</b> : Reminder	<b>RQS</b> : Request Supplementary Flight Plan
<b>RMK</b> : Remark(s)	<b>RQS</b> : Request Supplementary Information Message
<b>RMP</b> : Radio Management Panel	<b>RQT</b> : ReQuesting
<b>RMP</b> : Required Monitoring Performance	<b>RR</b> : Report Reaching
<b>RMPS</b> : Radar Message Processing System	<b>RRA</b> : Radar Recording Analysis
<b>RMPs</b> Radio Management Panels	<b>RRA</b> : (or RRB, RRC etc. in sequence) delayed meteorological message
<b>RMS Error</b> : Root Mean Square error.	<b>RRC</b> : Recording Replay Computer
<b>RMS</b> : Root Mean Square	<b>RREC</b> : Repetitive Flight Plan Recovery Message
<b>RMSpv</b> : RMS peak value.	<b>RRL</b> : Runway Remaining Lights
<b>RMU</b> : Radio Management Unit	<b>RRN</b> : Rerouteing Notification Message
<b>RNAV</b> Area Navigation (generic acronym for any device capable of aircraft guidance between pilot-defined waypoints)	<b>RRP</b> : Remote Radar Post
<b>RNC</b> : Required Navigation Capability	<b>RRP</b> : Re-routing Proposal Message
<b>RNDSG</b> : Route Network Development Sub-Group	<b>RRR</b> : Radar data Recording and Replay system (RADNET / application software : COMSOFT)
<b>RNG</b> : Radio Range	<b>RRTEREF</b> : Reroute Reference
<b>RNLAF</b> : Royal Netherlands Air Force	<b>RRTES</b> : Reroutes
<b>RNP</b> : Required Navigation Performance	<b>RRU</b> : Remote Radio Unit
<b>RNP5</b> : Required Navigation Performance 5	<b>RRV</b> : Referred Revision Message
<b>RNPC</b> : Required Navigation Performance Capability/Criteria	<b>RS NATS</b> : Recruitment Services NATS
<b>RNPTF</b> : Required Navigation Performance Task Force	<b>RS</b> : NASC providing Regional Support (EAD)
<b>RO</b> : Tarom Romanian Air Transport (airline)	<b>RS</b> : Radar System
<b>RO</b> : Romania (ISO Country Code)	<b>RS</b> : Reference Station
<b>RO</b> : Router Function	<b>RSA</b> : Radar Service Area
<b>ROBEX</b> : Regional OPMET Bulletin Exchange (scheme)	<b>RSAP</b> : RMCDE Service Access Point
<b>ROBIN</b> : Road billing network	<b>RSAP</b> : Replenishment Spares Acquisition Program
<b>ROC</b> : Rate of Change	<b>RSC</b> : Rescue Sub Centre
<b>ROC</b> : Rate of Climb	<b>RSCD</b> : Runway Surface Condition
<b>ROD</b> : Rate of Descent	<b>RSFTA</b> : Réseau de Service Fixe des Télécommunications Automatiques
<b>ROF</b> : Request on Frequency (Message)	<b>RSG</b> : Research Study Group
<b>ROFOR</b> : Route Forecast (meteo)	<b>RSG</b> : Route Structure Group
<b>ROI</b> : Return On Investment	<b>RSI</b> : Radiation Status Indicator
<b>Role</b> : Role-play	<b>RSLs</b> : Receiver Side Lobe Suppression
<b>ROM</b> : Read Only Memory (CD)	<b>RSM</b> : Radar Service Message (RMCDE/ RADNET)
<b>ROMATSA</b> : Romanian Air Traffic Services Administration	<b>RSMC-Channel</b> : Random System Management Control Channel
<b>ROMBULPO</b> : Romania, Bulgaria and Poland	<b>RSMTF</b> : Radar Separation Minimum Task Force
<b>RON</b> : Receiving Only	<b>RSO</b> : Route per State Over-flown
<b>ROPA</b> : RAPNET Operations and Planning Agreement	<b>RSOQ</b> : Radar Stores Occupancy Query
<b>ROR</b> : Range Only Radar	<b>RSP</b> : Required System Performance
<b>ROS</b> : Route Orientation Scheme	
<b>ROSAS</b> : Regional Organisation of the Sequencing and	

**RSP** : Responder Beacon  
**RSPD** : Reported Speed  
**RSPL** : Recommended Spare Parts List  
**RSR** : En Route Surveillance Radar  
**RSRE** : Royal Signals and Radar Establishment  
**RSS** : Radar Separation Standard  
**RSS** : Radar Sub-System  
**RSS** : ROOT Sum Squared  
**RSSP** : Radar Systems Specialist Panel  
**Rstd** : Restricted (Time-Restricted Learning)  
**RSURTF** : RASS-S Upper Requirements TF  
**RSUS** : RPL Suspension Message  
**RSVN** : Reservation  
**RSYD** : Release Subject to Your Discretion  
**RT** : Real Time  
**RT** : Right Turn  
**RTA** : Reduced Vertical Separation Minimum Transition Area  
**RTA** : CFMU TERMINAL - Remote Terminal Access  
**RTA** : Required Time of Arrival  
**RTB** : Radar Tool Box  
**RTC** : Radio Transmission Control  
**RTCA** : A private, non-profit organization that brings industry and government together to address the needs of the worldwide aeronautical community. RTCA originally stood for Radio Technical Commission for Aeronautics.  
**RTCA** : Requirements and Technical Concepts for Aviation. See also in [Part II](#) RTCA  
**RTD** : Research and Development of Technologies  
**RTD** : Delayed (used to indicate delayed meteorological message)  
**RTE** : Route  
**RTF or R/T** : Radio Telephony  
**RTFM** : Regulated Tactical Flight Model  
**RTG** : Radio Telegraph  
**RTHL** : Runway Threshold Light(s)  
**RTI** : D-RVR Delivery Message  
**RTIS** : Road Travel Information Services  
**RTL** : Return To Launch Site  
**RTMDE** : RADNET Test Monitoring and Demonstration Equipment (color screen)  
**RTN** : Return or Returned or Returning  
**RTO** : Ready for Take OffL : Reduced Take-Off and Landing  
**RTODAH** : Rejected Take-off Distance Available, Helicopter  
**RTOS** : Real Time Operating System  
**RTPTS** : RouTe PoinTS  
**RTQC** : Real Time Quality Control  
**RTQC/A** : Real Time Quality Control / Assessment  
**RTR** : D-RVR Request Message  
**RTR** : Remote Transmission / Receiver  
**RTS** : Real Time Simulation  
**RTS** : Return to Service  
**RTSE** : Reliable Transfer Service Element  
**RTSIM** : Real-Time Simulation  
**RTT** : D-RVR Termination Message  
**RTT** : Ready to Task  
**RTT** : Radiotletypewriter  
**RTZL** : Runway Touchdown Zone Light(s)  
**RU** : Russian Federation (ISO Countries Codes)  
**RUF** : Rought  
**RUG** : RASS Users Group  
**RUT** : Standard Regional Route Transmitting  
**RV** : Rescue Vessel  
**R-VKL** : Radar (executive-) controller  
**RVSM** : Reduced Vertical Separation Minimum of 300 m (1000 ft) between FL 290 and FL 410 inclusive.  
**RVR** : Runway Visual Range  
**RVRM** : Runway Visual Range Midpoint  
**RVRR** : Runway Visual Range Rollout  
**RVRT** : Runway Visual Range Touchdown  
**RVSM Entry Point** : Reduced Vertical Separation Minima Entry Point  
**RVSM Exit Point** : Reduced Vertical Separation Minima

Exit Point  
**RVSM** : Reduced Vertical Separation Minimum (in Europe)  
**RW** : Runway  
**RWEWP** : Runway End Way-point  
**RWIWP** : Runway Intercept Way-point  
**RWY** : Runway  
**RWY WP** : Runway Waypoint  
**RX** : Receiver Station

-S-

**s** : seconds  
**S** : South  
**S** : Sweden  
**(S)** : Secondary or Supplementary (frequency)  
**S/C** : Step Climb  
**S1** : The future (desired) state  
**SA Degradation** : Selective Availability degradation (of satellite signals)  
**SA** : Salivary Cortisol  
**SA** : Sand (meteo)  
**SA** : Satellite  
**SA** : Selective Availability (GPS)  
**SA** : Separation Assurance  
**SA** : Situational Awareness  
**SA** : Skill Acquisition  
**SA** : South African Airways (airline)  
**SAAM** : System for Assignment and Analysis at a Macroscopic level (8.33 User Guide)  
**SAARU** : Secondary Attitude/Air data Reference Unit  
**SAC** : Source Area Code  
**SAC** : Strategic Air Command  
**SAC** : System Assisted Co-ordination  
**SACEUR** : Supreme Allied Commander Europe  
**SACHA** : Separation and Control Hiring Assessment  
**SACLANT** : Supreme Allied Commander Atlantic  
**SACON** : Slovak Aeronautical Communication Network  
**SAD** : System Architecture Document  
**SADIS** : (Swedish) Satellite Distribution System  
**SADIS** : Satellite Distribution of World Area Forecast System / ICAO Group  
**SAE** : Society of Automotive Engineers  
**SAIFIR** : System lad for Integration and Fault Reporting (777)  
**SAF** : EEC business area - support to safety monitoring  
**SAF** : Safety (EATM domain)  
**SAFA** : Safety Assessment of Foreign Aircraf (JAA)  
**SAFER** : Safety and Errors  
**SAFI** : Safety Monitoring for Indicators  
**SAL** : System Architecture Interface  
**SAICO** : Swedish Aeronautical Information Computer Aided system  
**SAL** : Slot Allocation List  
**SALADT** : Screening Angle Analysis Digitised Terrain  
**SALS** : Simple Approach Light System  
**SAM** : Slot Allocation Message (CFMU - CASA)  
**SAM** : South American Region  
**SAMHS** : Spanish Aeronautical Messages Handling System  
**SAMPE** : Society for the Advancement of Material and Process Equipment  
**SAMSO** : US Air Force Systems Command / Space and Missile Organization (now Space Division)  
**SAMTF** : Safety Assessment Methodology Task Force  
**SAN** : Sanitary  
**SAN** : Satellite Access Node  
**SANe** : Skill Acquisition Network  
**SAP** : Service Access Point  
**SAP** : as Soon as Possible  
**SAPPHIRE** : Satellite and Aircraft Database Programme for System Integrity Research  
**SAR** : Search and Rescue  
**SAR** : Stand-Alone Receiver  
**SAR** : Synthetic Aperture Radar  
**SARP** : Signal Automatic Radar Processing (NL)  
**SARPs** : Standards and Recommended Practices (ICAO)

**SARSAT** : Search and Rescue Satellite Aided Tracking  
**SAS** : Single Attachment Station (FDDI)  
**SAS** : Scandinavian Airlines System  
**SAS** : Scandinavian Airlines (airline)  
**SASKI** : Name of an ATS Route reporting point  
**SASS** : Surveillance Analysis Support System (ATC)  
**SASS-C** : Surveillance Analysis Support System - Centre  
**SASS-S** : Surveillance Analysis Support System - Sensor  
**SAT** : Satellite(s)  
**SAT** : Simulation Assessment Team  
**SAT** : Site (System) Acceptance Test  
**SAT** : Static Air Temperature  
**SAT** : Systems Approach to Training  
**SATCAS** : Selenia Air Traffic Control Automated System  
**SATCNS WG** : Satellite CNS Work Group  
**SATCNS** : Satellite Communications Navigation and Surveillance  
**SATCO** : Signal Automatic Control  
**SATCOM** : Satellite Communications  
**SATNAV GNSS** : Satellite Navigation Sub-Group (NAVSEP TF)  
**SATORI** : Systematic Air Traffic Operations Research Initiative (US)  
**SATS** : Simulator System for Air Traffic Services  
**SATSA** : Swedish ATS Academy  
**SAW** : Surface Acoustic Wave Filter  
**SAWRS** : Supplementary Aviation Weather Reporting Station  
**SB** : Service Bulletin  
**SB** : Southbound  
**SBAS** : Space/Satellite Based Augmentation System  
**SBIR** : Small Business Innovative Research  
**SBR** : Spaceborne Radar  
**SBR** : Self Briefing  
**SBSR** : Space Based Secondary Radar  
**SBT** : Self Briefing Terminal  
**SBU** : Service Business Unit  
**SC** : Sector Co-ordinator  
**SC** : Security Council (UN)  
**SC** : Senior Controller  
**SC** : Single Click (Mouse Input)  
**SC** : Special Corridor  
**SC** : Stack Controller  
**SC** : Standing Committee (RTCA)  
**SC** : Stratocumulus  
**SCAA** : Slovenian CAA  
**SCAN** : Swiss Data Network  
**SCAT** : Supersonic Civil Air Transport  
**SCAT-1 Approach** : Special Category 1 Approach  
**SCAT-1** : Special Category 1  
**SCATANA** : Security Control of Air Traffic and Air Navigation Aids  
**SCATCC** : Scottish Air Traffic Control Centre  
**SCC** : Satellite Control Centre  
**SCDT** : Selected Controlled Departure Times  
**SCEAP** : Steering Committee for External Assistance Projects (decision DG)  
**SCEPC** : Senior Civil Emergency Planning Committee  
**SCG** : System Concept Group  
**SCIA** : Simultaneous Converging Instrument Approaches  
**SCOATCC** : Scottish Oceanic Air Traffic Control Centre  
**SCORS** : Surveillance Concepts and Operational Requirements  
**SCP** : Support Computer Programme  
**SCPC** : Single Carrier per Channel  
**SCR** : Scroll  
**SCRAD** : Steering Committee for Research, Analysis and Development  
**SCRR** : Service Central de Redevances de Route  
**SCS** : Strategy Concept & System (EATM Unit)  
**SCSI** : Small Computer-System Interface  
**SCT** : Scattered (meteo)  
**SCT** : Surveillance Coordination Team  
**SCTA** : Service du Contrôle du Trafic Aérien (DGAC, DNA, France)  
**SCU** : Satellite Communications Unit  
**SCU** : Support CWP-Unit  
**SCV** : Sub-Clutter Visibility  
**SD** : Serial Dialling  
**SD** : Specialist Domain  
**SD** : Standard Deviation  
**SD'xx'** : Specialist Domain `number'  
**SDB** : Static Data Bank  
**SDBY** : Standby  
**SDD** : Software Design Document  
**SDD** : Synthetic Data Display  
**SDDL** : System Design and Development Life Cycle  
**SDE** : Senior Director EATM  
**SDE** : System Development Environment  
**SDF** : Simplified Directional Facility  
**SDG** : Sensor Data Generator  
**SDL** : Standard Distribution List  
**SDLC** : Synchronous Data Link Control procedures  
**SDLS** : Satellite Data Link System  
**SDM** : System Definition Manual (INMARSAT)  
**SDO** : Selected Display Option (ODID)  
**SDO** : Static Data Operations  
**SDO** : Supplementary Display Option  
**SDOE** : Senior Director Operations and EATCHIP  
**SDP** : Second Development Project  
**SDP** : Simulator Development programme  
**SDP** : Software Development Phase  
**SDP** : Software Development Plan  
**SDP** : Surveillance Data Processing (Sub-group CCT/EATCHIP)  
**SDPD** : Surveillance Data Processing and Distribution  
**SDPDS** : Surveillance Data Processing and Distribution System  
**SDPS** : Surveillance Data Processing System (ICAO)  
**SDR** : System Design Review  
**SDT** : Stack Departure Time  
**SDT** : CFMU/FMD - Support, Development & Training Section  
**SDTF** : SYSCO Development TF  
**SDU** : Satellite Data Unit  
**SDU** : Static Data Update message  
**SDV** : Simulator Development  
**SE** : South-East  
**SE** : Strategy Element  
**SE** : Sweden (ISO Country Code)  
**SEAT** : Site Equipment Acceptance Test  
**SEB** : Southeast Bound  
**sec** : Seconds  
**SECAM** : Safety, Efficiency and Capacity in ATM Methodologies  
**SECRA** : Secondary Radar  
**SECT** : Sector  
**SEE** : Software Engineering Environment  
**SEL** : Sector List Window  
**SEL** : Selected  
**SEL** : Selcal code (Flightplan)  
**SELCAL** : Selective Calling (System)  
**SELREL** : Selective Release  
**SEM** : Semmerzake  
**SEMP** : Software Engineering Management Plan  
**SEP** : Selective Employment Plan  
**SEP** : Spherical Error Probable  
**SEQ** : Sequence  
**SER** : Service or Servicing or Served  
**SEROS** : Semmerzake Radar Operating System (B / Military)  
**SES** : Supplementary Equipment and Services  
**SESMA** : Special Event Search and Master Analysis  
**SESY** : CFMU/DEVD - Service Systems Section  
**SEU** : Software Engineering unit  
**SEV** : Severe (used e.g. to qualify icing or turbulende reports)  
**SF** : Finland  
**SF** : Scaling Factor  
**SFACT** : Service de la Formation Aéronautique et du Contrôle Technique

**SFC** : Surface (Ground Level / Sea Level)  
**SFD** : Start Frame Delimiter  
**SFL** : Sequence Flashing Lights  
**SFL** : Supplementary Flight Level  
**SFLA** : Assign SFL  
**SFMC** : Sickness Fund Management Committee  
**SFOR** : Stabilisation Force (Sarajevo)  
**SFPL** : Short Flight Plan (FDPS)  
**SFPL** : System Flight Plan Processing  
**SFT** : Simplified Fast Time Simulations  
**SG** : Snow Grains (meteo)  
**SG** : Safety Group  
**SGAMI** : Select Group for Assessing Manpower Issues  
**SGC** : Swept Gain Control  
**SGCAS** : Study Group on Certification of Automatic Systems  
**SGL** : Signal  
**SGR** : Study Group of the enlarged Committees for Route Charges (Eurocontrol)  
**SGS 85** : Sovietic Geodetic System  
**SH** : Showers (meteo)  
**SHACC** : SHAPE Airspace Coordination Centre  
**SHANDAP** : Shannon Data Processing (System)  
**SHAPE** : Supreme Headquarters Allied Powers Europe  
**SHAPE** : Solutions for Human Automation Partnerships in European ATM  
**SHEL Model** : Software - Hardware - Environment - Liveware Model  
**SHEL** : Software, Hardware, Environment, Liveware  
**SHF** : Super High Frequency  
**SHL** : Saville and Holdsworth Ltd.  
**SHORAN** : Short Range Navigation  
**SI** : International System of Units  
**SI** : Sector Indicator  
**SI** : Selective Interrogator  
**SI** : Situational Interview  
**SI** : Slovenia, Republic of Slovenia (ISO Country Code)  
**SIA** : Service d'Information Aéronautique  
**SIC** : Sector Intercom (VCS)  
**SIC** : Source Identification Code  
**SIC** : Subject Indicator Code  
**SICASP** : Secondary Surveillance Radar Improvements and Collision Avoidance System Panel (ICAO)  
**SICT** : System Implementation Coordination Team  
**SICTA** : Italian Consortium for the Applied ATM Research  
**SID** : Standard Instrument Departure (Route)  
**SID/STAR** : Standard Instrument Departure / Standard Arrival Route  
**SIDMET** : Information issued by meteorological watch office  
**SIE** : Standard Interface Equipment  
**SIF** : Selective Identification Feature  
**SIGMA** : Systemintegrering Gemensam Maskinvara (SE) / System Integration in Common Hardware  
**SIGMET** : Significant Meteorological Information (broadcast warnings of weather hazards)  
**SIGWX** : Significant Weather  
**SIL** : Sector Inbound List Window  
**SIM** : Simulator / Simulation(s) (EEC service)  
**SIM** : Subscriber Identification Module  
**SIM-5** : Simulation Modernisation Project  
**SIMM** : Symbolic Integrated Maintenance Manual  
**SIMMOD** : Simulation Model  
**Simul** : Simulation  
**SIMUL** : Simultaneous or Simultaneously  
**SIO** : Sector Input Operator (MAS Ops Room)  
**SIOP** : Society for Industrial and Organisational Psychology, Inc.  
**SIP** : Slot Improvement Proposal Message  
**SIR** : Packed or Compacted Snow and Ice on Runway(s)  
**SIRO** : Simultaneous Intersecting Runway Operations  
**SIROCCO** : Study of the Impact of Revised Operational Concepts on the CNS/ATM ODP Model  
**SIS** : English Standard for Documentation  
**SIS** : Signal In Space  
**SIS** : Special Information System  
**SISG** : Safety Improvement Sub-Group  
**SIT** : Slot Issue Time Parameter  
**SIT** : Software Integration Test  
**SIT** : Subsystem Integration Test (DECADE)  
**SIT** : System Integration Team  
**SITA** : Société Internationale de Télécommunications Aéronautiques (F) / Airline telecommunications and Information Service  
**SITAP** : Simulator for Transportation, Analysis and Planning  
**SITATEX** : Software developed by SITA  
**SITD** : Systems Integration and Test Department  
**SITS** : Subsystem Integration and Test Station  
**SIWL** : Single Isolated Wheel Load  
**SJA** : Strategic Job Analysis  
**SK** : Slovakia, Slovak Republic (ISO Country Code)  
**SKC** : Sky Clear (meteo)  
**SKED** : Schedule, scheduled  
**SKIP** : SKIP a sector  
**SL** : Sea Level  
**SLA** : Service Level Agreement  
**SLAP** : Slot Allocation Procedures  
**SLAR** : Side-Looking Airborne Radar  
**SLB** : Side Lobe Banking  
**SLC** : Side Lobe Cancellation  
**SLC** : Slot Requirement Cancellation Message  
**SLI** : Supplementary Level Inbound (ODID)  
**SLM** : Standard Length Message (Mode S)  
**SLO** : Supplementary Level Outbound (ODID)  
**SLOP** : Strategic Lateral Offset Procedure  
**Slot** : An arrival or departure time window reserved for a flight.  
**SLP** : Speed Limit Point  
**SLR** : Satellite Laser Ranging  
**SLR** : Slush of Runway(s)  
**SLS** : Satellite Landing System  
**SLS** : Interrogation Side Lobe Suppression  
**SLT** : Scheduled Landing Time  
**SLT** : Slot Allocation  
**SLV** : Statens Luftfartsvesen (CAA/DK)  
**SLW** : Sector Load Window  
**SLW** : Selected Label Window  
**SLW** : Slow  
**SM** : Stack Manager  
**SMAA** : Study for Mediterranean Area ADS  
**SMAE** : Systems Management Application Entity  
**SMAN** : Surface Management (APATSI)  
**SMART** : Self-Managed Arrival Resequencing Tool  
**SMART** : Simulator for Multi-radar analysis for realistic Trade / Traffic  
**SMART** : Standard Modular Avionics Repair and Test  
**SMATSA** : Serbia and Montenegro Air Traffic Services Agency Ltd  
**SMAW** : Safe Minimum Altitude Warning  
**SMC** : Station Monitoring and Control (RMCDE)  
**SMC** : Surface Movement Control  
**SMC** : System Monitoring and Computer / Control  
**SMC** : Systems Management Concept  
**SMD** : Storage Module Device  
**SMDE** : Software Maintenance and Development Environment  
**SME** : Subject Major/Matter Expert  
**SMEQ** : Subjective Mental Effort Questionnaire  
**SMGC(S)** : Surface Movement Guidance and Control (System)  
**SMHI** : Swedish government owned (civil) MET Institute  
**SMI** : Special Message Identifier (ACARS message Type B)  
**SMI** : Stakeholder Relations Management and International Co-ordination  
**SMIDTS** : Synthetic Movings Image Didactic / Tower Control Simulator (RLW/RVA)  
**SMITF** : Safety Monitoring and Improvement Task Force  
**SMM** : Safety Management Manual  
**SMM** : Sector Monitor Message (RMCDE)

**SMM** : Slot Missed Message  
**SMR** : Surface Movement Radar  
**SMS** : Safety Management System  
**SMT** : Station Management (FDDI / RMCDE)  
**SMT** : Surface Mount Technology  
**SMTP** : Simple Mail Transfer Protocol  
**SMX** : Sub-Multiplexer  
**SN** : Brussels Airlines (airline)  
**SN** : System Notam  
**SN** : Snow (meteo)  
**SN, S/N** : Signal-to-Noise  
**SNA** : Satellite Navigation Application  
**SNA** : System Network Architecture (IBM Network)  
**SNACF** : Subnetwork Access Function  
**SNACp** : Subnetwork Access Protocol  
**SNASG, SNA-SG** : Satellite Navigation Applications Sub-Group  
**SNBNK** : Snowbank/s Caused by Plowing (Windrow(s))  
**SNDC** : Subnetwork Dependent Convergence Function  
**SNDCF** : Sub-Network Dependent Convergence Facility  
**SNET** : Safety Nets  
**SNGL** : Single  
**SNICF** : Subnetwork Independent Convergence Function  
**SNIR, S/N** : Signal-to-noise ratio  
**SNME** : Subnetwork Management Entity  
**SNMP** : Simple Network Management Protocol (RAPNET - CNG-)  
**SNOWTAM** : A special series NOTAM notifying the presence or removal of hazardous conditions due to snow, ice, slush or standing water associated with snow, slush and ice on the movement area, by means of a specific pro forma.  
**SNPA** : Subnetwork Point of Attachment  
**SNR** : Signal-to-Noise Ratio  
**SO** : Southern Airways  
**SO** : Specialist Objectives  
**SO** : Standards Office (Eurocontrol)  
**So** : The Present (undesired) state  
**SOC** : Start of Climb  
**SOC** : System / Sector Operations Centre  
**SOF** : Stand-alone Operations Facility  
**SOGITS** : Senior Official Group in IT Standardisation  
**SOIR** : Simultaneous Operations on parallel (or near-parallel) Instrument Runways  
**SOL** : Sector Outbound List (MDP)  
**SOP** : Standard Operating Procedures  
**SOPA** : Standard Operating Procedure Amplified  
**SOR** : State of Readiness  
**SOS** : CFMU/ENGD – Systems Operations Section  
**SOTA** : South Oceanic Transition area  
**SOW** : Statement of Work  
**SP** : Space  
**sp** : Ground Speed  
**SP** : Service Provider  
**SP** : Special Purpose (ASTERIX)  
**SP** : Special point  
**SP** : Standard Precision  
**SP** : Succession Planning  
**SP** : System Parameter  
**SPA** : Slot Improvement Proposal Acceptance Message  
**SPACDAR** : Specialist Panel on Automatic Conflict Detection and Resolution  
**SPAF** : Strategic Performance Analysis and Forecast  
**SPAS** : Sensor Performance Analysis Standard  
**SPD** : Speed, Speed Mode  
**SPECI** : Aviation Selected Special Weather Report  
**SPECIAL** : Special Meteorological Report  
**SPF** : Scratch Pad Field  
**SPG** : Special Planning Group  
**SPI** : Special Pulse (Position) Identification (SSR)  
**SPL** : System Flight Plan / Supplementary Flight Plan  
**SPMP** : Software Project Management Plan  
**SPN** : Short Plan Input  
**SPO** : Special Project Office  
**SPO** : Strategic Plan of Operation. See SPT  
**SPOC** : SAR Point in Contact  
**SPORA** : Specialist Panel on Operational Research and Analysis  
**SPOT** : Spot Wind  
**SPR** : Strip Printer  
**S-P-R-c** : Stimuli, Processing, Response, controlled executive  
**SPS** : Sensor Processing Subsystem  
**SPS** : Siemens Plessey Systems  
**SPS** : Standard Positioning Service  
**SPS** : STDMA/VDL Mode 4 Performance Simulator  
**SPSS** : Statistical Package for the Social Sciences  
**SPT** : Strategic Planning Team. The Strategic Planning Team acts as a focal point for the development of collaborative Strategic Plans of Operation.  
**sq. in.** : Square Inch  
**sq-cm** : cm<sup>2</sup>  
**SQ** : Singapore Airlines (airline)  
**SQ** : Squalls (meteo)  
**SQE** : Software Quality Engineer (DECADE)  
**SQL** : Squall Line  
**SQL** : Structured Query Language  
**SQS** : Safety, Quality Management, and Standardisation (EATM Unit)  
**SQU** : Squelch (VCS)  
**SR** : Slovak Republic  
**SR** : Study Report  
**SR** : Sunrise  
**SR** : Swissair (airline)  
**SR-30** : 30 Minutes before Sunrise  
**SRA** : Surveillance Radar Approach  
**SRA** : Special Rules Area  
**SRB** : Solid Rocket Booster  
**SRC** : Safety Regulation Commission (New Convention)  
**SRC** : Systems and Research Center  
**SRD** : Standard Route Document  
**SRD** : System (or Software) Requirements Document  
**SRD** : System Research and Development  
**SRDTF** : System Research & Development Task Force  
**SRE** : Slant Range Error  
**SRE** : Surveillance Radar Element of GCA  
**SRG** : Safety Regulation Group  
**SRG** : Short Range  
**SRI** : Stanford Research Institute  
**SRI** : System Replay and Investigation  
**SRJ** : Slot Improvement Proposal Rejection Message  
**SRM** : Sector Revision Message  
**SRM** : Slot Revision Message  
**SRP** : Selected Reference Point  
**SRP** : Slot Reference Point  
**SRP** : Slot Revision Proposal (CFMU - CASA)  
**SRQ** : Slot Request  
**SRR** : Search and Rescue Region  
**SRR** : Slot Revision Request (CFMU - CASA)  
**SRR** : System Requirements Review  
**SRS** : Standard Routing Scheme  
**SRS** : System Requirements Specification  
**SRSG** : Safety Regulation Sub-Group  
**SRT** : Single Radar Tracker  
**SRT** : Sort Route Transparent  
**SRU** : Safety Regulation Unit (to support SRC). See SRC  
**SRU** : Shop Replaceable Unit  
**SRV** : Server  
**SRZ** : Special Rules Zone  
**SS** : Sand Storm (meteo)  
**SS** : Sector Supervisor  
**SS** : Sunset  
**SS+30** : 30 Minutes after Sunset  
**SSA** : Smallest Space Analysis  
**SSA** : System Safety Assessment  
**SSALF** : Simplified Short Approach Lighting with Sequence Flashers  
**SSALR** : Simplified Short Approach Lighting with Runway Alignment Indicator Lights  
**SSALS** : Simplified Short Approach Lighting System  
**SSAP Selector** : Session Service Selector

**SSAP** : Source Service Access Point (RMCDE / RADNET)  
**SSB** : Single Side Band  
**SSD** : Synthetic Situation Display  
**SSDD** : System/Segment Design Document  
**SSDG** : Surveillance Strategy Drafting Group  
**SSE** : South-South-East  
**SSE** : Sum of Squared Errors  
**SSEC** : Static Source Error Correction  
**SSFDR** : Solid-State Flight Data Recorder  
**SSGHI** : Surveillance Sub-Group on Harmonisation and Implementation  
**SSGS** : Surveillance Sub-Group on Standards  
**SSGT** : Surveillance Sub-Group on Tools  
**SSM** : Sign Status Matrix  
**SSM** : Standard Schedules information Manual  
**SSM** : System Surveillance and Maintenance  
**SSO** : STAR Support Office  
**SSP** : Secondary Spare Part  
**SSP** : Sole Source Procurement  
**SSP** : Source Selection Panel  
**SSPA** : Solid State Phased Array  
**SSPSG** : Structures for Service Provision Sub-Group (High Level Group: Single European Sky (EU))  
**SSR Mode S** : Selective Address SSR  
**SSR** : Secondary Surveillance Radar  
**SSR** : Software Specification Review  
**SSR** : Solid State Relay  
**SSRBRIGH** : Highlight set code to target (input)  
**SSRC** : Current SSR Code  
**SSS** : Source Select Switch  
**SSS** : System/Segment Specification  
**SSSP** : EU Subgroup on Structures for Service Provision (see SSPSG)  
**SST** : Supersonic Transport  
**SSTS** : Space Surveillance and Tracking System  
**S-SUP** : Sector Supervisor  
**SSW** : South-South-West  
**ST** : Specialist Task  
**ST** : Stratus  
**ST, S/T** : Short-Term  
**STA** : Sequence / Scheduled Time of Arrival  
**STA** : Straight in Approach  
**STAB** : Stabilizer  
**STAC** : Second Time Around Clutter  
**STANAG, Stanag** : Standardisation Agreement  
**STANINE** : Standard Nine Score  
**STANLY** : Statistics and Analysis  
**STANS** : Simulation facility of a Total Air Navigation System  
**STAR** : Second Time Around Returns (Radar)  
**STAR** : Self Test and Repair  
**STAR** : Sistema Telegráfico Automático de Retransmissão (PoAF) (PT) / Standard (instrument) Arrival Route  
**STAR** : Standard Terminal (Instrument) Arrival Route  
**STAR** : Studies, Tests and Applied Research (former STT)  
**STAR** : Surface to Air Recovery  
**STARS** : Surveillance and Tracking Attack Radar System  
**START-OVER** : Process of putting in action the COLD-STANDBY  
**STAT** : Second-Time-Around Targets  
**STAT** : Statistics  
**STATFOR** : Specialist Panel on Air Traffic Statistics & Forecasts  
**STB TF** : Short-Term Benefits Task Force  
**STC** : Sensitivity Time Control  
**STC** : SHAPE Technical Centre (NATO, Hague)  
**STC** : Short Time Constant  
**STC** : Simulation Technical Coordinator  
**STC** : Steering Committee  
**STC** : Supplemental Type Certificate (FAA)  
**STCA** : Short-Term Conflict Alert ; a ground-based safety net  
**STCD** : Short-Term Conflict Detection  
**STCW** : Short-Term Conflict Warning  
**STD** : Scheduled Time of Departure  
**STD** : Software Technical Designer  
**STD** : Standard (altimeter setting)  
**STDMA** : Self-organising Time Division Multiple Access  
**STEP** : Social, Technological, Environmental and Political  
**STEPCLB** : StepClimb  
**STF ARTAS, STFAD** : Surveillance Task Force on ARTAS Development  
**STF** : Selection Task Force  
**STF** : Stratiform  
**STFAP** : Surveillance Task Force on the Appraisal Programme  
**STFDPPAS** : Surveillance Task Force on the Data Processing Performance Analysis Standard  
**STFRDE** : Surveillance Task Force on Radar Data Exchange  
**STFRL** : Surveillance Task Force on Reference Levels  
**STFRSS** : Surveillance Task Force on the Radar Surveillance Standards  
**STFSDIR** : Surveillance Task Force on Surveillance data Distribution Infrastructure Requirements  
**STF-SDPS** : Surveillance Task Force on Surveillance Data Processing Systems  
**STFSPAS** : Surveillance Task Force on the Sensor Performance Analysis Standard  
**STFTE** : Special Task Force of Training Experts  
**STFTV** : Surveillance Task Force on Transponder Verification  
**STG** : Eurocontrol Standards Group . See **SSGS**  
**ST-ICD** : Short-Term Interface Control Document  
**STLP** : ATS Selection Training and Licensing Panel  
**STMP** : Special Traffic Management Program.  
**STN** : Station  
**STNR** : Stationary  
**STOA** : Scientific and Technological Options Assessment  
**STOL** : Short Take Off and Landing  
**STORIA** : Simulation Tool for Online Recording and Analysis  
**STP** : Shielded Twisted Pair or Software Rest Plan  
**STP** : Software Test Plan (MAS/DFS - ODS)  
**STP** : Standardised Training Package  
**STPV** : Service du Traitement automatique des Plans de Vol (F-FPPS)  
**STR** : Service du Traitement des données Radar (F-RDPS)  
**STR** : Software Test Report  
**STRANGE** : Simplified Trajectory Generator  
**STRAT** : Strategic Planning System  
**STRATPLAN** : CFMU Strategic Planning Meeting  
**STS** : Stand-by Telephone System  
**STS** : Status (Indicator)  
**STS** : Reasons for special handling: (Flightplan)  
     STS/ATFM EXEMPT APPROVED  
     STS/EMER Flights engaged in emergency missions  
     STS/EXM833 State aircraft, not equipped with 8.33 kHz channel spacing radio equipment prescribed for an area  
     STS/HEAD Flights with Heads of States  
     STS/HOSP Flights with sick or injured persons needing immediate medical assistance, including flights urgently required for life-saving medical care of sick or injured persons. This comprises both flights for the transport of transplants, stored blood and medicine and flights to be conducted to pick up a patient, transplants, stored blood or medicine at the destination place  
     STS/HUM Flights operating for humanitarian reasons  
     STS/NIL Replaces all other STS/entries. Only to be used when reporting flight plan changes\  
     STS/NONRNAV State aircraft, not equipped with type RNP prescribed for a route segment, a routing and/or an area  
     STS/NONRVSM State aircraft without RVSM permission



STS/PROTECTED Flights critical to safety, the flight plan of which is only to be made available to a limited circle of recipients  
 STS/RNAVINOP For aircraft, the RNAV equipment of which is inoperable at short notice or no longer complies with the required minimum conditions  
 STS/SAR Flights engaged in Search and Rescue missions  
 STS/STATE Government flights  
**StS** : Support to States (Eurocontrol)  
**STSMOD** : Delay ac (input)  
**STT** : Studies, Tests and Trials (now : STAR)  
**STTR** Small Business Technology Transfer Resources  
**STU** : Selected Trajectory Update  
**STUD** : Innovative studies (ARDEP)  
**STWL** : Stopway Lights  
**SU** : Aeroflot (airline)  
**SUA** : Special Use Airspace  
**SUATMS** : Single Unified ATM System  
**SUBJ** : Subject to  
**SUC** : Start-Up Controller  
**SUCT** : Surveillance analysis and Calibration Tools (ARDEP)  
**SUDP** : Surveillance data Processing (ARDEP)  
**SUMI** : Software Usability Measurement Inventory  
**SUP** : Supervisor  
**SUP** : Supplement  
**Sup. Pract.** : Supervised Practices  
**SUP/ACC** : Supervisor Area Control Centre  
**SUP/APP** : Supervisor Approach  
**SUP/MIL** : Supervisor military  
**SUPPS** : Regional Supplementary Procedures (ICAO)  
**SUPSIS** : Supervisor (Centre and System)  
**SUR** : Surveillance (EATM Domain)  
**SURT** : Screen Update Response Time  
**SURT** : Surveillance Team  
**SurvITE** : Surveillance Integrated Tested for EATMS  
**SV** : Secure Voice  
**SV** : Space Vehicle (Satellite)  
**SVC** : Service (message)  
**SVC** : Switched Virtual Circuits (RMCDE / SIR)  
**SVCBL** : Serviceable  
**SVFR** : Special VFR  
**SVID** : System V Interface Definition  
**SVN** : Satellite Vehicle Number  
**SVP** : Supervisor  
**SVRWX** : Severe Weather  
**SVS** : Synthetic Vision System  
**SVVP** : Software Verification and Validation Plan  
**SW** : South-West  
**SW, s/w** : Software  
**SWAP** : Severe Weather Avoidance Procedure (Program)  
**SWAT** : Subjective Workload Assessment Technique  
**SWB** : Southwest Bound  
**SWEPT** : Swept or Broom(ed)  
**SWCI** : Software Configuration Item  
**SWG** : Simulation Working Group  
**SWI** : Swisscontrol Interface  
**SWIFT** : Specifications for Working positions In Future Air Traffic Control  
**SWIM** : System-Wide Information Management  
**SWM** : SIP Wanted Message  
**SWORD** : Subjective WORKload Dominance technique  
**SWOT** : Strength, Weaknesses, Opportunities and Threats  
**SWP** : Software Simulation Package  
**SWP** : Support Working Position  
**SWS** : Software Service  
**SWY** : Stopway (ICAO)  
**SXCOP** : Sector Exit Coordination Point  
**SY** : Syrian Arab Republic (ISO Countries Codes)  
**SYCA** : System Capacity  
**SYCO** : System Configuration  
**SYMA** : System Manager  
**Sync.** : Synchronous  
**SYSCIMIC** : System supported Civil/Military Coordination  
**SYSCO** : System Supported Coordination  
**SYSEVAL** : System Evaluation  
**S (Sigma)** : Symbol for sum  
**s (small sigma)** : Symbol for Standard Deviation  
 -T-  
**t** : Tons  
**T** : Tesla / Terminal  
**T** : Temperature  
**t.b.d.** : To be decided / discussed  
**T/C** :Top-of-Climb  
**T/D** :Top of-Descent  
**T/O** :Takeoff  
**TA** : Task Analysis  
**TA** : Test Area  
**TA** : Time of Arrival  
**TA** : Traffic Advisory (ACAS/TCAS)  
**TA** : Transition Action  
**TA** : Transition Altitude  
**TAA** : Terminal Arrival Area  
**TAA** : Track Accuracy Analysis  
**TAAM** : Total Airspace and Airport Modeller (Preston Group, Victoria, Australia)  
**TACAN** : UHF Tactical Air Navigatoion aid (Azimuth and DME)  
**TACH** Tachometer  
**TACIS** : Technical Assistance to the Community of Independent States ( EC )  
**TACOT** : TACT Automated Command Tool  
**TACOT** : Tactical Operational Tool  
**TACT data** : Data required by or output by the CFMU TACT system.  
**TACT** : CFMU Tactical Computer System  
**TACT** : Tactical Flow Management Working Position  
**TAD** : Target Audience Description  
**TADIL** : Tactical Distribution List  
**TAF** : Terminal Area (Aerodrome) Forecast  
**TAFEI** : Task Analysis For Error Identification  
**TAG** : Transitional Airport Group (APATSI)  
**TAI** : International Atomic Time  
**TAI** Thermal Anti-Ice  
**TAIL** : Tail (wind)  
**TAIS** : Total Aircraft Information System  
**TALK** : (Swedish) VCS Upgrade Programme / System  
**TAM** : Technical Acknowledgement Message  
**TAMS** : Total Airport Management System  
**TAMP** : Turkish ATC Modernisation Project  
**TAOIT** : Tribunal Administratif de l'Organisation Internationale du Travail  
**TAP** Terminal Area Productivity  
**TAR** : Terminal Area (surveillance) Radar  
**TAR** : Trials ATN Router  
**TARA** : Terminal Area RNAV Applications Task Force  
**TARAD** : Tracking Asynchronous Radar Data  
**TARE** : Telegraphic Automatic Relay Equipment  
**TARTAR** : ATS Route Structure between Armenia, Azerbaijan, Georgia, Iran, Turkey  
**tas / TAS** : True Airspeed  
**TAS** : Traffic Advisory System  
**TASC** : (Industry) The Analytical Science Corporation  
**TAT** : Total AirTemperature  
**TATCA** : Terminal ATC Automation (FAA)  
**TATCI** : Tallinn ATC Improvement project (Estonia)  
**T-ATSU** : Transferring ATS Unit (ICAO)  
**Tau** : Range / Range rate (TCAS)  
**TAWS** : Terrain Awareness and Warning System  
**TAX** : Taxi or Taxiing  
**TB** : Tellback  
**TBA** : Tellback Area  
**TBA** : To Be Advised  
**TBD** : To Be Determined (Defined)  
**TBN** : To Be Notified  
**TBS** : Telephone Back-up System (VCS)  
**TBO** Time between Overhauls  
**TBS** To Be Specified

**TC** : Typical Changes  
**TC** : Tactical Controller  
**TC** : Transit Corridor  
**TC** : Transition Concept  
**TC** : Tropical Cyclone  
**TC/OC** : Technical Control and Operational Control  
**TCA** : Terminal Conflict Alert  
**TCA** Terminal Control Area  
**TCA** : Track Continuity Area  
**TCA** : Track-to-chain Association  
**TCA** : Traffic Count Area  
**TC-APD** : Tactical Controller Activity Predictor Display  
**TCAS** : Traffic Alert and Collision Avoidance System  
**TCB** : Training Co-ordination Board (Eurocontrol, IANS)  
**TCC** : Thrust Control Computer  
**TCC** : Traffic Control Centre  
**TCDP** : Technical Control Data Processor  
**TCG** : Training Consultation Group / Groupe consultatif sur la formation  
**T-Channel** : Time Division Multiple-Access Channel  
**TCL** : Terminal Control  
**TCOP** : Transfer Coordination Point  
**TCP / IP** : Transmission Control Protocol / Internet Protocol  
**TCP** : Transmission Control Protocol  
**TCPU** : Touch Panel Central Processing Unit (ACS)  
**TCT** : Technical Control Terminal  
**TCU** : Towering Cumulus (meteo)  
**TCWP** : Threshold Crossing Way-point  
**TDA** : Track Detection Analysis  
**TDB** : Track Data Block  
**TDCE** : Telephone Distribution and Control Equipment  
**TDCP** : Test Display and Control Panel  
**TDD** : Time Division Duplex  
**TDF** : Total Delayed Flights  
**TDF** : Training and Development Facility  
**TDH** : Training Development and Harmonisation (IANS)  
**TDM** : Time Division Multiplexing  
**TDM** : Total Delay in Minutes  
**TDMA** : Time Division Multiple Access  
**TDO** : Tornado  
**TDOP** : Time Dilution Of Precision  
**TDR** : Target Data Receiver  
**TDR** : Track Drop Rate  
**TDR** : Traffic Data Record  
**TDS** : Tactical Data System  
**TDS** : Test and Development Sector  
**TDSP** : Training Documentations and Special Projects  
**TDWR** : Terminal Doppler Weather Radar (TDWR located and classifies windshear conditions and provides advisories in the terminal area. These data are available through the DLP.)  
**TDZ** : Touchdown Zone  
**TDZL** : Touchdown Zone Lights  
**TDZ LGT** : Touchdown Zone Lights  
**TE** : Time of Entry  
**TE** : Lithuanian Airlines (airline)  
**TEC** : Technical ATM Systems and Logistics Support  
**TEC** : Total Electron Content  
**TEC, TECH** : Technical  
**TECR** : Technical Reason  
**TEL** : Telephone  
**TELIA** : (Swedish) Telecommunications Provider  
**TEMP** : Temperature  
**TEMP** : Test and Evaluation Master Plan  
**TEMPLE** : Terminal Management and Planning Equipment  
**TEMPO** : Temporary or Temporarily  
**TEN** : Trans-European Network  
**TEND** : Trend Forecast  
**TEN(-T)** : Trans European Network (-Transport) (European Commission funding)  
**TEPS** : Trajectory Editor and Problem Solver  
**TER** : Terminated  
**TERPS** : Standard for Terminal Instrument procedures  
**TES** : Trials End System project  
**TF** : Task Force or Touch Field (VCS)  
**TF** : Track to a Fix (ARINC 424 Path Terminator)  
**TFA** : Test Flight Analysis  
**TFACS** : Task Force on Assessment Centre Standards  
**TFC** : Traffic  
**TFCCC** : Task Force Common Core Content .  
**TFD** : Thin Film Diode  
**TFDATS** : Delegation of ATS Task Force (ANT)  
**TFIS** : Traffic Flow Investigation System  
**TFM** Traffic Flow Management  
**TFMS** : CFMU/ENGD - Technical Facilities & Management Support Section  
**TFR** : Temporary Flight Restriction  
**TFR** : Tactical Flight Record  
**TFT** : Thin Film Transistor  
**TFTR** : Terrain Following Training Route  
**TFTS** : Terrestrial Flight Telephone System  
**TF-TTM** : TF on Technology Based Training Tools and Methods  
**TFV** : Traffic Volume  
**TG** : Thay Airways (airline)  
**TG** : Task Group  
**TGDLP** : Trials Ground Data Link Processor  
**TGF** : Traffic Growth Factor  
**TGL** : Temporary Guidance Leaflet (JAA)  
**TGL** : Touch and Go Landing  
**TGT** : Target  
**TGS** : Taxiing Guidance System  
**TH-CSF** : Thomson CSF  
**THD** : Total Harmonic Distortion  
**THDG** : True Heading  
**THN** : Thin  
**THR** : Threshold  
**THR** : Thrust  
**THRL** : Treshold Lights  
**THRU** : Through  
**TIA** : Traffic Information Area  
**TIAS** : True Indicated Airspeed  
**TICTAC** : Time Constrained Trajectory Computation : Trajectory predictor  
**TID** : Touch Input Device  
**TIDE** : Tactical and IFPS Development Environment  
**TIDmn** : Track Initiation Delay Mean  
**TIDsd** : Track Initiation Delay Standard Deviation  
**TIL** : Until  
**TIM** : Transfer Initiation Message  
**TIMERS** : Traffic Intelligence for the Management of Efficient Runway Scheduling  
**TIP** : Until past...(place)  
**TIP** : Touch Input and Display Panel  
**TIS** : Time to Insert the Sequence  
**TIS** : Traffic Information Service or Sector  
**TITLE** : Message Name  
**TIZ** : Traffic Information Zone  
**TK** : Turkish Air (airline)  
**TKE** TrackAngle Error  
**TKOF** : Take-off  
**TKX** : Crosstell Tracker  
**TL** : Tans Mediterranean Airways (airline)  
**TL** : Transition Line (Level)  
**TL** : Traverse Level  
**TL...** : Until (meteo)  
**TLA** : Title Line Area  
**TLOF** : Touchdown and lift-off area  
**TLPD** : Traffic Load Prediction Device  
**TLS** : Tactical Load Smoother  
**TLS** : Target Level of Safety  
**TLV** : Type Length Value  
**TLX** : Task Load Index (NAA)  
**TM** : Traffic Management  
**TMA** : Terminal Manoeuvring Area ; Terminal Control Area (ICAO)  
**TMA** : Traffic Management Advisor  
**TMA-TC** : TMA Tactical Controller  
**TMC** : Technical Monitoring and Control  
**TMC** : Terminal Control Centre

<b>TMC</b> : Thrust Management Computer	<b>TRA</b> : Thrust Reduction Altitude
<b>TMCS</b> : Technical Maintenance and Control System	<b>TRACON</b> : Terminal Radar Approach Control
<b>TMCS</b> : Technical Monitoring and Control System (RMCDE / MADAP)	<b>TRAINDEV2</b> : Integrated Eurocontrol Training Design Tool
<b>TMCU</b> : Tower Main CWP Unit	<b>TRAMON</b> : Traffic Monitoring
<b>TMF</b> : Thrust Management Function	<b>TRANS</b> : Transition or Transmit or transmitter
<b>TMPA</b> : Traffic Management Program Alert	<b>TRANSCOM</b> : French public telecommunication network
<b>TMRR</b> : Temporary Minimum Disk Route	<b>TRAP</b> : Technical Review and Audit Plan
<b>TMS</b> : TeleManagement System	<b>TRB</b> : Tracker Ball
<b>TMS</b> : Tools Manager Server	<b>TRB</b> : Transportation Research Board (4-States)
<b>TMS</b> : Traffic Management System	<b>TRD</b> : Transit Routing Domain
<b>TMSSG</b> : Top Management Structure Sub-Group	<b>TREE</b> : Transit Radiation effects on Electronic Equipment
<b>TMU</b> : Traffic Management Unit (FAA)	<b>TREN</b> : Transport and Energy (General Directorate EU)
<b>TN</b> : Track Number	<b>TRF</b> : Total Regulated Flights
<b>TN</b> : Trajectory Negotiation	<b>TRG</b> : Training
<b>TN</b> : True Negative	<b>TRK</b> : Track (to a NAVAID)
<b>TN</b> True North	<b>TRL</b> : Transition Level
<b>TN</b> : Tunisia (ISO Countries Codes)	<b>TRM</b> : Team Resource Management
<b>TNA</b> : Turn Altitude	<b>TRML</b> : Terminal
<b>TNAV</b> : Time Navigation	<b>TRMTFII</b> : Team Resource Management Task Force II
<b>TNH</b> : Turn Height	<b>TRNG</b> : Training
<b>TO</b> : Takeoff	<b>TROL</b> : Tapeless, Rotorless On Line
<b>TO</b> : Technical Order	<b>TROP</b> : Tropopause
<b>TO</b> : Time Over	<b>TRP</b> : Thrust Rating Panel
<b>TO</b> : To...(place)	<b>TRR</b> : Test Readiness Review (MAS - ODS)
<b>TOA</b> : Terms of Agreement	<b>TRS</b> : Time to Remove from the Sequence
<b>TOAST</b> : Team Oriented ATC Simulator Training	<b>TRSB</b> : Time Reference Scanning Beam
<b>TOAST</b> : Technical, Operational and System Tests	<b>TRSN</b> : Transition
<b>TOC</b> : Technical Operators Centre	<b>TRU</b> : True
<b>TOC</b> : Top Of Climb	<b>TRUST</b> : Terminal Routes Using Speed-Control Techniques (MITRE, CAASD)
<b>TOC</b> : Transfer Of Control	<b>TRY/PFL</b> : Try Input of Planned Flight Level
<b>TOD</b> : Top Of Descent	<b>TS</b> : Technical Specification
<b>TODA</b> : Take Off Distance Available (ICAO)	<b>TS</b> : Technical Supplement
<b>TODAH</b> : Take Off distance available, helicopter	<b>TS</b> : Test Specification
<b>TOGA</b> : Takeoff/Go-Around	<b>TS</b> : Thunderstorm (meteo)
<b>TO EPR</b> Takeoff Engine Pressure Ratio	<b>TS</b> : Track Server
<b>TO NI</b> Takeoff Engine Fan Speed	<b>TS</b> : Transport Service User
<b>TOP</b> : Cloud Top	<b>TSA</b> : Temporary Segregated Area
<b>TOPL</b> : Take Off Performance Limits	<b>TSAP</b> : Transport Service Access Point
<b>TOR</b> : (Swedish) Briefing System (MET, Flight Plans)	<b>TSCU</b> : Tower Support CWP Unit
<b>TOR</b> : Terms Of Reference	<b>TSD</b> : Time Sequence Diagram
<b>TORA</b> : Take Off Run Available	<b>TSD</b> : Traffic Situation Display (FREER)
<b>TORCH</b> : Technical, Economical and Operational Assessment of an ATM Concept Achievable from the Year 2005	<b>TSDD</b> : Test Synthetic Dynamic Display
<b>TOS</b> : Traffic Orientation Scheme	<b>TSDF</b> : Time Slot Duty Factor
<b>TOSCA</b> : Testing Operational Scenarios for Concepts in ATM	<b>TSDG</b> : Technical and System Development Group
<b>TOT</b> : Take-Off Time	<b>TSE</b> : Total System Error
<b>TOT</b> : Time Over Target	<b>TSG</b> : Training Sub-Group
<b>TOT</b> : Total	<b>TSGE</b> : Tri-Service Group on Communications and Electronics
<b>TOWP</b> : Take Off Waypoint	<b>TSIKADA</b> : Russian four-satellite civil navigation system.
<b>TP</b> : TAP Air Portugal	<b>TSIKADA-M</b> : Russian six-satellite military navigation system
<b>TP</b> : Trajectory Prediction ; Transport Protocol	<b>TSNT</b> : Transient
<b>TP</b> : Turning Point	<b>TSO</b> : Technical Service/Standard Order
<b>TP</b> : True Positive	<b>TSO</b> : Time Sharing Option
<b>TP-4</b> : Transport Protocol, class 4	<b>TSP</b> : HRS Training Sub-Programme (EATM)
<b>TPAS</b> : Trajectory Predictor based Aircraft Simulator	<b>TSR</b> : Terminal Surveillance Radar
<b>TPD</b> : Transition Programme Description	<b>TSr</b> : Track Swop Rate
<b>TPDR</b> : Transponder	<b>TSRV</b> : Transport System Research Vehicle (Facility)
<b>TPDU</b> : Transport Protocol Data Unit (RMCDE)	<b>TSS</b> : Target Software Server
<b>TPINS</b> : Transition Plan For The Implementation Of The Navigation Strategy	<b>TSS</b> : Traffic Sub-System
<b>TPL</b> : Task Priority List	<b>TST</b> : Test
<b>TPL</b> : Transport Layer	<b>TST</b> : Trajectory Support Tool
<b>TPS</b> : A mono-radar track format	<b>TSTMS</b> : Thunderstorms
<b>TPT</b> : Touchdown Point	<b>TSU</b> : Technical Support Unit
<b>TQM</b> : Total Quality Management	<b>TT</b> : TeleTypewriter
<b>TR</b> : Test Report	<b>TT</b> : Total Temperature
<b>TR</b> : Track	<b>TTA</b> : Tactical Training Area
<b>TR</b> : Transbrasil (airline)	<b>TTC</b> : Telemetry and Telecommand Centre
<b>TR</b> : Turkey	<b>TTF</b> : Total Flights
<b>TRA</b> : Required Time for Arrival	<b>TTG</b> : Time To Go
<b>TRA</b> : Temporary Reserved Airspace/Area	<b>TTL</b> : Transistor-Transistor Logic
<b>TRA</b> : Traffic (type)	<b>TTP</b> : TCAS II Transition Program
	<b>TTR</b> : Target Tracking Radar
	<b>TTS</b> : Time To Station
	<b>TTS</b> : Trails Transport Service (ATN)

**TTW** : Time To Waypoint  
**TTY** : Teletype Telex Machine  
**TU** : Tunis Air  
**TU** : Temps Universel  
**TU** : Turkey  
**TUM** : Time Update Message  
**TURB** : Turbulence  
**TV** : Television  
**TVE** : Total Vertical Error  
**TVOR** : Terminal VOR  
**TWDL** : Two-Way DataLink  
**TWG** : Training Working Group  
**TWI** : Terminal Weather Information  
**TWIP** : Terminal Weather Information for Pilots  
**TWN** : Tactical Weather Network  
**TWP** : Technical Work Programme in the Air Navigation Field (ICAO)  
**TWR** : Tower Control Unit (Aerodrome Control Tower)  
**TWS** : Technical Watch Supervisor  
**TWS** : Terminal Weather Service (ICAO)  
**TWS** : Track While Scan  
**TWT** : Travelling Wave Tube  
**TWY** : Taxiway  
**TWYL** : Taxiway Lights  
**TX / RX** : Transmitter / Receiver (Radar head)  
**Tx** : Next waypoint ETA  
**Tx** : Teletype  
**TX** : Transmitter Station  
**Txt** : Text  
**TXWY** : Taxy Way  
**TYP** or **TYPE** : Aircraft Type  
**TYPH** : Typhoon  
**t (Tau)** : Symbol for time

**-U-**

**U** : Upward (tendency in RVR during pervious 10 minutes)  
**U/L** : Upper / Lower - Upper Link  
**US** : Unserviceable  
**UA** : Ukraine (ISO Countries Codes)  
**UA** : United Airlines (airline)  
**UAB** : Until Advised By  
**UAC** : Upper Area Control (Centre)  
**UACC** : Upper Airspace Control Centre  
**UAP** : User Application Profile (RMCDE)  
**UAR** : Upper Air Route  
**UAS** : Upper Airspace  
**UAV** : Unmanned Aerial Vehicle  
**UCDU** : Universal Control and Display Unit  
**UDA** : Upper Advisory (Service) Area  
**UDF** : Ultra High Frequency Direction Finding  
**UDF** : Unducted Fan  
**UDRE** : User Differential Range Error  
**UEATMS** : Uniform European Air Traffic Management System  
**UEO** : Union de l'Europe Occidentale / Western European Union (=WEU)  
**UERE** : User Equivalent Range Error  
**UFF** : Ultimate Fallback Facility  
**UFN** : Until Further Notice  
**UFO** : Unidentified Flying Object  
**UHDT** : Unable Higher Due Traffic  
**UHF** : Ultra High Frequency  
**UIC** : Unit Identity Code  
**UIC** : Upper Information Centre  
**UIECS** : Union of International and European Civil Servants  
**UIMS** : User Interface Management System  
**UIR** : Upper (flight) Information Region  
**UIVE** : User Ionospheric Vertical Range  
**UK** : Air UK (airline)  
**UK** : United Kingdom (ISO Country Code)  
**UKAATS** : UK Advanced ATS  
**UKD** : Upgrade ZKSD and coupling with DERD-X  
**Ukraviatsia** : Ukrainian State Aviation Administration  
**UKSATSE** : Ukrainian State Air Traffic Services Enterprise

**UL** : Air Lanka (airline)  
**UL** : Ultra Light glider  
**UL** : Upper Link (ATS route indication) or Uplink  
**ULM** : Ultra Light Motorized  
**ULR** : Ultra Long Range  
**UMA** : Unmanned Aircraft  
**UNA** : Unable  
**UNAP** : Unable to Approve  
**UNAVBL** : Unavailable  
**UNHCR** : United Nations High Commissioner for Refugees  
**UNINC** : Unusual Incidents  
**UNL** : Unlimited  
**UNLGT** : Unlighted  
**UNMKD** : Unmarked  
**UNMNT** : Unmonitored  
**UNO** : United Nations Organization  
**UNREL** : Unreliable  
**UNT** : Until  
**UNUSBL** : Unusable  
**UPD** : Update Plan Divergence  
**UPP** : Upper airspace  
**UPS** : Uninterrupted Power Supply / System  
**UPSEL** : Update Selection  
**URA** : User Range Accuracy  
**URANIA** : UpRading Athens Terminal Area aNd Interfacing to the PALLAS ACC system  
**URB** : CFMU – User Relations Bureau  
**URD** : User Requirements Document  
**URE** : User Range Error  
**URET** : User Request Evaluation Tool (MITRE Conflict Detection product)  
**URG** : Urgency (ICAO)  
**URP** : User Requirements Phase  
**URTF** : User Requirements Task Force  
**US USAir**  
**USAF** : US Air Force  
**USAREUR** : US Army (Representative) in Europe  
**USART** : Universal Synchronous / Asynchronous Receiver/Transmitter  
**USCG** : United States Coast Guard  
**USD** : US Dollar  
**USFSPEI** : Union Syndicale Fédérale of the European and International Public Services  
**USG** : US Government  
**USNO** : US Naval Observatory  
**USSPE** : Union Syndicale - Service public européen / European Public Service Union (=EPSU)  
**UT** : Universal Time  
**UTA** : Upper (Traffic) Control Area  
**UTA** : Upper Transition Area  
**UTC** : Universal Time Co-ordinates  
**UTP** : Unshielded Twisted Pair  
**UUP** : Updated (Airspace) Use Plan  
**UVA** : Utility Value Analysis

**-V-**

**V** : Velocity  
**V** : Volt  
**V1** : Take-off decision speed  
**V2** : Minimum take-off safety speed at 35'  
**V&V** : Validation & Verification  
**V/M** : Volts-per-meter  
**V/S** : Vertical Speed/Vertical  
**V/STOL** : Vertical or Short Take-Off and Landing  
**Vx** : Version x  
**VA** : Heading to an Altitude (ARINC 424 Path Terminator)  
**VA** : Design Maneuvering Speed  
**VA** : Volcanic Ash (meteo)  
**VAA** : Value Added Applications  
**VAC** : Volts, Alternate Current  
**VAC** : Visual Approach and Landing Chart  
**VAFOR** : Very Advanced Flight Data Processing System Operational Requirement  
**VAFORIT** : VAFOR Implementation  
**VALFAC** : Validation Facility (avionics test and simulation facility)  
**VAN** : Value Added Network

<b>VAP</b> : Visual Aids Panel	<b>VHF R/T</b> : Very High Frequency Radio/Telephony
<b>VAP</b> : Volumetric Airspace Penetration	<b>VHF-OTF</b> : VHF Operations Task Force
<b>VAPS</b> : Virtual Applications Programming Software	<b>VHRR</b> : Very High-Resolution Radiometer
<b>VAPS</b> : Visual Approaches	<b>VHSIC</b> : Very High Speed Interated Circuit
<b>VAQ</b> : VHF Avionics Qualification	<b>VI</b> : Heading to Intercept (ARINC 424 Path Terminator)
<b>VAR</b> : Variation Magnectic	<b>VIA</b> : By way of
<b>VAR</b> : Volt-amps Reactive	<b>VICE</b> : Instead/Versus
<b>VAR</b> : VCS, Ancillaries and Remote control system	<b>VID</b> : Visual Image Display
<b>VAR</b> : Visual-aural Radio Range	<b>VIP</b> : Very Important Person
<b>VAS</b> : Vienna ATCC Data Processing System	<b>Vis</b> : Visual aids
<b>VAS</b> : Vortex Advisory System	<b>VIS</b> : Visibility
<b>VASI</b> : Visual Approach Slope Indicator	<b>VISSR</b> : Visible Infrared Spin Scan Radiometer
<b>VASIS</b> : Visual Approach Slope Indicator System	<b>VL</b> : Very Low ATC Complexity
<b>VAT</b> : Value Added Tax	<b>Vis</b> : Lowest Selectable Airspeed
<b>VAW</b> : Vertical Assistance Window (ODID)	<b>VLBI</b> : Very Long Baseline Interferometry
<b>VBFL(LO)</b> : Flaps up minimum buffet speed at current maneuver load factor minus altitude dependent variable	<b>VLCT</b> : Very Large Capacity Transport
<b>VBX</b> : Visual Basic Extensions	<b>VLE</b> : Landing Gear Extended Placard Airspeed
<b>VC</b> : Design Cruising Speed	<b>VLF</b> : Very Low Frequency
<b>VC</b> : In Vicinity (meteo)	<b>VLO</b> : Maximum Landing Gear of Operating Speed
<b>VC</b> : Virtual Circuit	<b>VLOF</b> : Lift-off Speed
<b>VD</b> : Design Diving Speed	<b>VLR</b> : Very Long Range
<b>VD</b> : Heading to a DME distance	<b>VLSI</b> : Very Large Scale Integration
<b>VDC</b> : Volts, Direct Current	<b>VLUT</b> : Video Look-Up Table
<b>VDEV</b> : Vertical Deviation	<b>VM</b> : Regional Airlines France (airline)
<b>VCCS</b> : Voice Communication and Control System	<b>VM</b> : Heading to a Manual Termination (ARINC 424 Path Terminator)
<b>VCI</b> : Voice Change Instruction, a message of the ACM service	<b>VMAX</b> : Basic Clean Aircraft Maximum CAS
<b>VCMAX</b> : Active Maximum Control Speed	<b>VMC</b> : Visual Meteorological Conditions
<b>VCMIN</b> : Active Minimum Control Speed	<b>VMC</b> : Minimum Control Speed with Critical Engine Out
<b>VCO</b> : Voltage Controlled Oscillator	<b>VM(LO)</b> : Minimum Maneuver Speed
<b>VDP</b> : Visual Descent Point	<b>VMMS</b> : VHF Multi-frequency Management Unit
<b>VCR</b> : Visual Control Room	<b>VMIN</b> : Basic Clean Aircraft Minimum CAS
<b>VCRI</b> : Verification Cross Reference Index	<b>VMO</b> : Velocity Max Operating
<b>VCS</b> : Voice Communications System	<b>VN</b> : Valid Negatives
<b>VCSS</b> : Voice Communications Switching System	<b>VNAV</b> : Vertical Navigation (provides computer description of aircraft's speed and altitude that can be tracked by autoflight system)
<b>VCSTF, VCS-TF</b> : Voice Communications System Specification Task Force	<b>VNE</b> : Never-exceed Speed
<b>VCY</b> : Vicinity	<b>VNO</b> : Maximum Structural Cruising Speed
<b>VD</b> : Heading to a DME Distance (ARINC 424 Path Terminator)	<b>VNSE</b> : Vertical Navigation System Performance
<b>VD</b> : Vertical Dispersal	<b>VO</b> : Tyrolean Airways (airline)
<b>VDC</b> : Direct Current Voltage	<b>VOI</b> : Volume of Operational Interest
<b>VDF</b> : Very high frequency Direction Finding station	<b>VoL</b> : Value of Life
<b>VDF</b> : VHF Direction Finder	<b>VOL</b> : Volume
<b>VDGS</b> : Visual Docking Guidance System	<b>VOLMET</b> : Meteorological Information for Aircraft in Flight
<b>VDL</b> : VHF Digital/Data Link	<b>VOLMET</b> : Routine Weather Reports Broadcast on VHF
<b>VDL/4</b> : VHF Self-organising TDMA (STDMA) Data Link Mode 4	<b>VOM</b> : Volt-ohm-milliammeter
<b>VDOP</b> : Vertical Dilution Of Precision	<b>VOR</b> : VHF OmniRange Navigatgion System (ground navigational aid that can provide display of aircraft position relative to course through selected ground navigational radio transmitter)
<b>VDR</b> : VHF Data Radio	<b>VOR/DME, VOR-DME</b> : VHF Omni-directional Ranging / Distance Measurement Equipment
<b>VER</b> : Vertical	<b>VORTAC, VOR-TACAN, VOR/TAC</b> : Combined VOR and TACAN
<b>VHFAMS</b> : Very High Frequency Aeronautical Mobile Services	<b>VOT</b> : VHF Omnidirectional Range Test – VOR-reciever test facility
<b>VDR</b> : VHF Digital/Data Radio	<b>VOT</b> : VOR airborne equipment test facility
<b>VDU</b> : Video (Visual) Display (Distribution) Unit	<b>VP</b> : Vertical Profile
<b>VDX</b> : Videotext	<b>VPAE</b> : Vertical Profile Angle Error
<b>VEL</b> : Velocity Leader	<b>VPATH</b> : Vertical Path
<b>VENSIM</b> : Ventana Simulator	<b>VPIP</b> : Vertical Intercept Point
<b>Ver</b> : Vertical	<b>VP</b> : Valid Positives
<b>VESDA</b> : Very Early Smoke Detection Apparatus (Fire alarm system)	<b>VPD</b> : Vertical Polar Diagram
<b>VF</b> : Voice Frequency	<b>VR</b> : Cabo Verde Airlines (airline)
<b>VFE</b> : Flaps Extended Placard Speed	<b>VR</b> : Heading to a VOR Radial (ARINC 424 Path Terminator)
<b>VFOP</b> : Visual Flight Rules Operations Panel	<b>VR</b> : Takeoff Rotation Velocity
<b>VFR</b> : Visual Flight Rules	<b>VRB</b> : Variable (meteo)
<b>VFXR(R)</b> : Flap Retraction Speed	<b>VREF</b> : Approach Reference speed
<b>VFXR(X)</b> : Flap Extension Speed	<b>VRRS</b> : Voice Recording and Display System
<b>VG</b> : Ground Velocity	<b>VRS</b> : Voice Response System
<b>VG</b> : Validity Generalisation	<b>VS</b> : Stalling Speed
<b>VG/DG</b> : Vertical Gyro/Directional Gyro	<b>VS</b> : Vocational Stabilisation
<b>VGND</b> : Ground Velocity	<b>VS</b> : Design Speed for Maximum Gust Intensity
<b>VGS</b> : VHF Datalink Ground Station	
<b>VH</b> : Maximum Level-flight Speed with Continuous Power	
<b>VHF</b> : Very High Frequency	

**VSA** : By Visible reference to the ground  
**VSAT** : Very Small Aperture satellite Terminal  
**VSBY** : Visibility  
**VSCS** : Voice Switching and Control System  
**VSD** : Vision and Strategy Document  
**VSI** : Stalling Speed in a Specified Flight Configuration  
**VSI/TRA** : Vertical Speed Indicator/Traffic, Resolution Advisory  
**VSIG** : Vertical Separation Implementation Group  
**VSM** : Vertical Separation Minimum  
**VSO** : Stalling Speed in the Landing Configuration  
**VSP** : Variable System Parameter  
**VSP** : Vertical Speed  
**VSSE** : Intentional One Engine Inoperative Speed is a minimum speed selected by the manufacturer for intentionally rendering one engine inoperative in flight.  
**VSSG** : Vertical Separation Sub-Group  
**VSTOL** : Vertical or Short Takeoff and Landing  
**VSWR** : Voltage Standing Wave Ratio  
**VTK** : Vertical Track Distance  
**VTN** : Voice Telecommunications Network  
**VTOL** : Vertical Take-Off and Landing  
**VTRK** : Vertical Track  
**VTR** : Variable Takeoff Rating  
**VTS** : Vessel Traffic Services  
**VTT** : Vertical Threshold Test  
**VU** : Utility Speed  
**VVD** : Vertical View Display  
**VWF** : Video For Windows  
**VX** : Speed for Best Angle of Climb  
**VY** : Speed for Best Rate of Climb  
**VI** : Critical Engine Failure Velocity (Takeoff Decision Speed)  
**V2** : Takeoff Climb Velocity

**-W-**

**w** : Wake Vortex category  
**W** : Watt  
**W** : West  
**W** : White  
**W2** : World Airlines (airline)  
**W/MOD** : With Modification of Vertical Profile  
**W/STEP** : With Step Change in Altitude  
**WAA** : Wide Area Augmentation  
**WAC** : World Aeronautical Chart  
**WAAS** : Wide Area Augmentation System  
**WAC** : World aeronautical chart-ICAO 1:1.000.000  
**WACS** : Wireless Airport Communications Systems  
**WAD** : Wide Area Differential  
**WAD-GNSS** : Wide Area Differential GNSS  
**WADGPS** : Wide Area Differential GPS  
**W AFC** : World Area Forecast Centre  
**WAFS** : World Area Forecast System  
**WAGE** : Wide Area GPS Enhancement program  
**WAN** : Wide Area Network  
**WARC** : World Administrative Radio Communication Conference  
**WARC-MOB** : World Administrative Radio Communication Conference - Mobile Communication.  
**Waypoint** : Position in space usually on aircraft's flight plan  
**WB** : Westbound  
**WBAR** : Wing Bar Lights  
**WBC** : Weight and Balance Computer  
**WBS** : Weight and Balance System  
**WBS** : Work Breakdown Structure  
**WC** : Waypoint Capture  
**WCL** : Weather Channel  
**WDI** : Wind Direction Indicator  
**WDSPR** : Widespread  
**WDW** : Window  
**WEA** : Whole ECAC Area  
**WEF** : With Effect From or Effective From  
**WEU** : Western European Union (military matters)  
**WG** : Working Group

**WGCS-84** : World Global Co-ordinate System 1984  
**WGPDS** : Word and Graphics Process Documentation System  
**WGR** : Working Group on Route Charges  
**WGRSG** : Sub-Group of the Charges Working Group  
**WGS** : World Geodetic System  
**WGS** : World Geodetic Survey  
**WGS-72** : World Geodetic System/Standard (1972)  
**WGS-84** : World Global System 84, which is the ICAO recommended parameterisation of an ellipsoid earth model  
**WHORU** : WHO aRe yoU  
**WI** : Within  
**WID** : Width  
**WIE** : With immediate effect or effective immediately  
**WILCO** : Will Comply  
**WINDR** : Wind Direction  
**WINDMG** : Wind Magnitude  
**WITEM** : Forecast upper wind and temperature  
**WIP** : Work in Progress  
**WIPO** : World Intellectual Property Organisation  
**WIRS** : Wide Area Reference Stations  
**WKDAYS** : Monday through Friday  
**WKEND** : Saturday and Sunday  
**WKN** : Weaken or Weakening  
**WKSP** : Transmission Centres Workshop ; Data Transmission Workshop  
**WLA** : WorkLoad Assessment  
**WM** : Working Memory  
**WMB** : Window Management Button  
**WMO** : World Meteorological Organisation  
**WMSC** : Weather Message Switching Center  
**WMSCR** : Weather Message Switching Center Replacement  
**WND** : Wind  
**WNW** : West-North-West  
**WO** : Without  
**WO** : World Airways  
**WOC** : Wing Operations Centre  
**WOD** : Word Of the Day  
**WORM** : Write Once, Read Many  
**WP** : Way-Point  
**WP** : Work Package  
**WP** : Work Programme  
**WP** : Working Paper  
**WP** : Working Position  
**WPD** : Work Programme Document  
**WPL** : Work Package Leaders  
**WPM** : Words Per Minute  
**WPn** : First waypoint in the next sector  
**WPP** : Working Position Processor  
**WPT** : Way point  
**WRC** : World Radio-communications Conferences  
**WPs** : Working Positions  
**WPx** : Next waypoint on the flight plan  
**WRNG** : Warning  
**WS** : Work Station  
**WS** : Watch Supervisor  
**WS** : Wind Shear  
**WSC** : West Sector Co-ordinator  
**WSPD** : Wind Speed  
**WSR** : Wet Snow on Runway(s)  
**WSW** : West-South-West  
**WT** : Weight  
**WTC** : Wake Turbulence Category  
**WTSPT** : Waterspout  
**WTR** : Water on Runway(s)  
**WTWS** : Windshear and Turbulence Warning System  
**WWW** : World Wide Web (INTERNET)  
**WX** : Weather  
**WX DEF** : Weather Deviation  
**WXMS** : Weather Mapping System  
**WXR** : Weather Radar

**-X-**

**X** : Cross

## AAA (All Aviation Abbreviations) [www.flyingineurope.be](http://www.flyingineurope.be)

**(X)** : Irregular  
**X-BAND** The frequency range between 8000 and 12500 MHz  
**X-Wind** : Cross Wind  
**X25** : Standard protocol in telecommunications  
**X.25** : Packet Switched Data Network  
**XAP** : Crossing Alternate Proposal Message  
**XASM** : Cancel Assume  
**XASP** : Extended AIRCOM Service Processor  
**XBAR** : Crossbar (of approach lighting system)  
**XBRIGHT** : Cancel highlighting  
**XCM** : Crossing Request Cancellation Message  
**XCONF** : Delete CONFLICT  
**XCOORD** : Cancel Co-ordination  
**XCOP** : Exit Co-ordination Point  
**XCOR** : Cancel Correlation  
**XCVR** : Transceiver  
**XECM** : Cancel Executive Controller Message  
**XEU** : European Currency Unit (ECU)  
**XEXPLT** : Cancel Extrapolation  
**XFDM** : Cancel FDM  
**XFL** : Exit Flight Level (from a sector or volume of airspace)  
**XFR** : Transfer  
**XFRQ** : Cancel Frequency message  
**XGEO** : Cancel GEO  
**XHOLD** : Cancel Hold  
**XIFL** : Cancel Intermediate Flight Level  
**XIN** : Crossing intentions  
**XIN** : Military Crossing Intention Notification Message  
**XLTR** : Translator  
**XM** : External Master  
**XMET** : Cancel METAR  
**XMIT** : Transmit  
**XMITR** : Transmitter  
**XNG** : Crossing  
**XTRK** : Cross Track Error  
**XPD** : ATC Transponder (also XPDR, XPNDR, TPR)  
**XPDR** : Transponder  
**XPNDR** : Transponder  
**XMT** : Excluding (Messenger)  
**XNSSR** : Exit NSSR  
**XOFF/PDR** : Cancel Off Predetermined Route  
**XPLN** : Cancel Plan  
**XPT** : Exit Point of a sector (ODID)  
**XQDM** : Cancel QDM  
**XRA** : Crossing Request Answer (SEROS / MADAP)  
**XRQ** : Airspace Crossing Request Message (Airspace Crossing Dialogue)  
**XS** : Atmospheric  
**XSFL** : Cancel Supplementary Flight Level  
**XSSR** : Exit SSR  
**XSSRBRIGHT** : Cancel SSR highlight  
**XSTAT** : Cancel Statistics  
**XTDCP** : Cancel Test Display Control Panel  
**XTEDD** : Cancel Test Electronic Data Display  
**XT** : Air Exel (airline)  
**XTK** : Cross Track Distance  
**XTK** : Crosstrack (cross track error)  
**XTRK** : Cancel Track  
**XTT** : Across Track Tolerance  
**XX...** : Heavy (used to qualify weather phenomena such as rain, e.g. heavy rain = XXRA)  
**XY** : Ryan Air

-Y-

**Y** : Yellow  
**YCZ** : Yellow caution zone (runway lighting)  
**Yd** : Yards  
**YD** : Yaw Damper  
**YR** : Your  
**YSAS** : Yaw Stability Augmentation System  
**YU** : The Federal Republic of Yugoslavia (ISO Country Code)

-Z-