

# Air Traffic Management Abbreviation Compendium

List of Aviation, Aerospace and Aeronautical Acronyms DLR-IB-FL-BS-2021-1





## Document properties

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#### 1. Introduction

As in all fields of work, an unmanageable number of abbreviations are used today in aviation for terms, definitions, commands, standards and technical descriptions. This applies in general to the areas of aeronautical communication, navigation and surveillance, cockpit and air traffic control working positions, passenger and cargo transport, and all other areas of flight planning, organization and guidance. In addition, many abbreviations are used more than once or have different meanings in different languages.

In order to obtain an overview of the most common abbreviations used in air traffic management, organizations like EUROCONTROL, FAA, DWD and DLR have published lists of abbreviations in the past, which have also been included in this document. In addition, abbreviations from some larger international projects related to aviation have been included to provide users with a directory as complete as possible. Using a general internet search engine will of course always provide many hits when searching for abbreviations, but it is often not entirely clear whether the abbreviation is from aviation or another area of expertise. ATM-specialized internet sites offer online directories, which, however, can only be accessed with an existing internet connection. At this point, the Air Traffic Management Abbreviation Compendium would like to offer a supplement to the existing reference possibilities.

The present document contains mainly English abbreviations, but some common standard abbreviations from the French and Spanish language areas have been included. In addition, short lists of Civil Aviation Organization (ICAO) Annex titles, Aeronautical Radio Incorporated Specifications, Certification Specifications and a short American City Acronym List are included at the end of the document.

In order to quickly find a keyword in this document with around 16,500 abbreviations, we recommend using the term search, which can be accessed in many PDF viewers using the key combination CTRL+f. If the first hit is not the abbreviation you are looking for, you can usually continue the search by pressing the F3 function key. Some PDF viewers also offer a comfortable backward search with the key combination Shift+F3.

We would like to take this opportunity to thank all colleagues from a wide range of disciplines who have helped to create and systematize the abbreviations. Without this national and international help, a list of abbreviations of this scope would not have been possible.

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### 2. Acronyms

#### 2.1. Numbers and Punctuation Marks

**2-D** 2-dimensional

**2B1Q** 2-binary 1 Quaternary

**2W** 2wire

3-D 3-dimensional3A Mode 3 or Mode A3A/C Mode 3A and Mode C

3D 3-dimensional
4-D 4-dimensionl
4-MAST Group
4B3T 4-binary 3 Ternary
4D 4-dimensional

**4D-CARMA** 4-dimensional Cooperative Arrival Manager

**4D-NAV** 4-D Navigation

**4DPP** 4D Trajectory Flight Profile Calculation for planning purposes Service

**4EC** Initiative Four En-Route Centre Initiative

**4GL** Fourth Generation Language

**4NSAs** Four States National Supervisory Authorities (MUAC

**4W** 4wire

**5GSO** Group of Senior Officials - Four States and Maastricht UAC ANSPs

(5GSO)

**5LNC** Unique Five-letter Pronounceable "Name-code"

**5NM** 5 Nautical Miles

**5ST-RSG** 5 States Route Structure Group

**5YP** 5 Year Plan



#### 2.2. Letter - A

**A-AMGCS** Advanced Air Movement Guidance and Control System

A-CDM Airport Collaborative Decision Making
A-CLDL Acknowledged Connectionless Data Link
A-CWP Advanced Controller Working Position
A-DPI Airport-Departure Planning Information

A-DPI ATC - DPI

**A-ENPRM** Advanced EUROCONTROL Notice of Proposed Rule-making

**A-G** Air to Ground

**A-iCWP** Advanced Integrated Tower Controller Working Position

A-ITSM
A-law
A-NPA
A-NPA
A-PNT
A-PNT
A-ITSM
Agency IT Service Management System
PCM Companding Algorithm Used in Europe
Advance Notice of Proposed Amendments
Alternative Positioning Navigation and Timing

**A-QPSK** Aviation Quadrature Phase Shift Keying

A-R Advanced-RNP 1
A-S Anti-spoofing

**A-S** Anti-spoofing Mode

**A-SMGCS** Advanced Surface Movement Guidance and Control System

**A-VDGS** Advance Visual Docking Guidance System

**A.M.** Anti Meridiem

**A&E** Architecture and Engineering A/A Air-air; Air to Air; Air/Air

A/C Aircraft
A/C Aircraft Call
A/C Alpha/Charlie
A/C/S Alpha/Charlie/Select

**A/D** Analogue to Digital (Converter)

A/G Air-ground; Air to Ground; Air/Ground A/GCS Air/Ground Communications Sublayer

A/H Altitude/Height A/I Accident/Incident

A/L Auto Land

A/M Above-mentioned

**A/N** Affirm/Negative (CPDLC Response Value)

A/P Autopilot
A/T Auto Throttle
A/V Aircraft/Vehicle

A300 Network Identity of The Frankfurt AFTN Switching Centre

**A4E** Airlines for Europe

**A6** A6 Alliance

A AmpereA AustriaA Analysis



**A** Airplane

**A** Indicator for QNH in Inches

AA Autonomous Aircraft
AA Approved Agencies

**AA** Active

AA Approved Agency
AA Address Announced
Aircraft Address

AAA Advanced ATC System Amsterdam Advanced Airborne Applications

AAA AIP Audit Assistant
AAA Airport Airspace Analysis
AAL Above Aerodrom Level

**AAAV** Azienda Autonoma di Assistenza al Volo

**AAAVTAG** Azienda Autonoma Assistenza al Volo per il Traffico Aereo Generale (IT)

AAB Agency Advisory Body
AAB AIM Advisory Board

**AABI** Aviation Accreditation Board International

**AAC** Airline Administrative Control

**AAC** Airline Administrative Communication

**AAC** Alpha Attenuation Coefficient

**AAC** Aeronautical Administrative Communication

**AAC** Mike Monroney Aeronautical Center

AAC Autorité/administration de l'aviation civile(FR) (Civil Aviation Authority -

CAA

**AACE** Airfield Approach Control Element

**AACI** Airports Association Council International

AACO Arab Air Carriers Organization
AAD Assigned Altitude Deviation
AADC Airport Average Daily Capacity
AADP ATC Advanced Data Processing

**AAF** ATM Added Functions **AAF** Advanced Added Functions

**AAF** Army Air Field Auxiliary Airfield

AAF Airway Facilities Service

AAF-1 Director of Airway Facilities

AAFCE Allied Air Forces Central Europe

AAFG ATM Added Functionality Sub-group

AAFT ATM Added Functionality Sub-group

**AAG** AlS Automation Group

**AAGDI / AEADE** Automated Air/Ground Data Interchange

AAI Autonomous Aircraft Hybrid
AAI Average Arrival Interval



AAI Airports Authority of India AAI Arrival Aircraft Interval

**AAI** FAA Office of Accident Investigation

AAIASB (Greek) Air Accident Investigation and Aviation Safety Board

**AAIB** Air Accidents Investigation Branch (AAIB) **AAIM** Aircraft Autonomous Integrity Monitoring

**AAIS** Automated AIS

**AAIU** Air Accident Investigation Unit

**AAL** ATM Adaptation Layer Above Aerodrome Level

**AAL** Alaska Region

**AALS** Advanced Approach and Landing System

**AAM** Airline Administration Message **AAM** Office of Aerospace Medicine

**AAM** Airport Airside Model (Airport Airside Management High-level Model)

AAMS
Advanced Airspace Management Systems
AAMS
Advanced Airspace Management System
AAMS
Aircraft Arrival Management System
AAP
Advanced Automation Program (US)
AAPF
Advanced ATM Planning Function
AAPFG
A-SMGCS ATM Procedures Focus Group

AAR Airport Acceptance Rate/Airport Arrival Rate

**AAR** Airport and Aircraft Safety Research and Development

**AAR** Air to Air Refilling **AAR** After Action Review

AARC Aircraft Airworthiness Review Certificate
AAS Advanced Automation System (USA)

AAS Airborne Approach Spacing
AAS Advanced Airspace Scheme
AAS Aerodrome Advisory Service
AAS Airspace Architectural Study

**AASC** European Airworthiness Authorities Steering Committee

**AASI** Aeronautical Applications Service Interface **AASR** Airways and Airport Surveillance Radar

**AASR** Aging Aircraft Safety Rule AAT Active Aircraft Table

**AAT** Associate Administrator for Air Traffic

AAT Assigned Arrival Time
AAT Alpha Attenuation Test
AAT Aircraft Assignment Tool

**AATIP** ASEAN Air Transport Integration Project **AATMS** Advanced Air Traffic Management System

**AATOT** Anticipated Actual Take-off Time

**AATT** Advanced Air Transportation Technologies



AAUI	Aeronautical Applications User Interface
AB	Air Block
AB	Action (Data Input) Button (Mouse/Trackball)
AB	Audit Board
ABA	FAA Office of Financial Services
ABA	Office of Budget
<b>ABACUS</b>	Advanced Billing and Claims Unified System
ABAS	Aircraft-based Augmentation System (EGNOS)
ABB	Activity-based Budget
ABC	ATC Bypass Complex (MADAP)
ABC	Advanced Booking Charter
ABCD	Aircraft-based Concept Development
ABCO	Absence Contractor (Absence Personnel Extern)
ABD	Agency Board of the Directors
ABDIS	Automated Data Interchange System Service
ABEND	Abnormal END (of System Operation)
ABES	Abnormal and Emergency Situations
ABFG	ATM Basic Functionality Sub-group
ABI	Advance Boundary Information
ABI	Advance Boundary Information (Message Type Designator)
ABM	Abeam
ABM	Asynchronous Balanced Mode
ABN	Aerodrome Beacon
ABO	Accrued Benefits Obligation
ABP	Agency Business Plan
ABPSK	Aviation Binary Phase Shift Keying
ABPWG	ANSB Business Planning Working Group
ABR	Available Bit Rate
ABRD	Automatic Baud Rate Detection
ABT	About
AB TF	Audit Board Task Force
ABV	Above
AC	Assistant Controller
AC	Aircraft Characteristics / Aircraft type + Performance, ENV Entity Type (Used
	in all CHMI)
AC	Association Control
AC	Altitude Code (Field)
AC	Access Control
AC	Attack Computer (Eurofighter)
AC	Airworthiness Codes
AC	Assessment Centre
AC	Aircraft (Commander)
AC	Advisory Circular
AC	All-call



AC Advisory Circular
AC Alternating Current
AC Alto Cumulus

**AC/NAC** Aircraft, Non-aircraft

ACA Air Traffic Centre Architecture
ACA Airspace Control Activity

ACA Alternate Controller Attachment (Feature)
ACA AUP/UUP Message Composition Application
ACA AUP/UUP Compilation Application (Software)

ACA Airport Coordinators Association
ACA Airport Carbon Accreditation
ACA Address Compression Algorithm

**ACA** ATC Centre Communication Architecture

ACAC Air Carrier Association of America
ACAC Arab Civil Aviation Commission
ACAC African Aviation Commission

**ACACIA** Advancing the Science for Aviation and Climate

**Acad** Academic Establishments

**ACAD** Auto Computer Aided Design (Operator-input + Display System)

**ACAF** ATM Common Assessment Framework

**ACAG** Airspace Coordination Agencies

ACAIS
ACAM
Air Carrier Activity Information System
ACAM
Airport Capacity Airside Modelling
ACAM
Airport Capacity Modelling Task Force
ACAP
Airport Capacity and Runway Utilisation

**ACARE** Advisory Council for Aeronautics Research in Europe

**ACARS** Aircraft Communications, Addressing and Reporting System

ACAS I-III Airborne/Aircraft Collision Avoidance System ACAS I-III Aircraft Collision Avoidance System Version 1-3

**ACAS RA** ACAS Resolution Advisory

ACAS X Airborne Collision Avoidance System X
ACAS Xu/sXu Versions of ACAS X dedicated to RPAS

**ACASA** ACAS Analysis

**ACATF** ATC Centre Communications Architecture Task Force

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**ACB** Address Check Boundary

**ACC** Group of Experts on Accident Investigation (ICAO)

ACC Acceptance (Phase)
ACC Approach Control Centre
ACC Area Control (Centre)
ACC Area Controller

**ACC** Airports Consultants Council

**ACC (Loop)** Anticipation-action-comparison Loop

ACC-PC ACC Planning Controller
ACC-TC ACC Tactical Controller



**ACCA** Air Charter Carriers Association

**ACCAPEG** Aviation and Climate Change Action Plan Expert Group

**ACCATF** Equipe spéciale 'Architecture des communications des centres ATC'

**ACCB** AIXM Change Control Board

**ACCD** Advanced Continuous Climb Departure

**ACCEL** Accelerate

**ACCES** ACC Assessing Capacity Method

**ACCESS** Aircraft Control Console for Experiments and Simulations Studies

**ACCID** Notification of Aircraft Accident

**ACCS** Air Command and Control System (NATO)

**ACCT** Accounting Records

ACC3 Air Cargo or Mail Carrier operating into the Union from a Third Country

Airport

**ACD** Automatic Call Distributor

**ACDA** Advanced Continuous Descent Approach

**ACDB** Agency Contact Data Base

**ACDM** Advanced Collaborative Decision making

**ACDMD** Air Collaborative Decision Making Demonstrator

ACDO Air Carrier District Office
ACDT Accident (CHRONOTIME)
ACE Atm Cost-effectiveness

**ACE** ATM Cooperation and Coordination in South Eastern Europe

**ACE** Altimeter Control Equipment

**ACE** Central Region

**ACE** Angiotensin Converting Enzyme

**ACE** Allied Command Europe

ACE ATC Communications Environment
ACE Airport Airside Capacity Enhancement

**ACE** Association des Compagnies Aériennes de la Communauté Européenne

**ACE** ATM/CNS Systems Enginnering (EEC)

**ACE** Avenue-compliant Escape

ACEP Airport Capacity Enhancement Plan
ACE WG ATM Cost-effectiveness Working Group
ACELP Adaptative Code Excited Linear Prediction

**ACF** Airline Consultation Forum

**ACF** Advanced Communications Function

ACF Avion de Combat Futur (FR)
ACF ACARS Convergence Function

**ACF** Area Control Facility

**ACFO** Aircraft Certification Field Office

**ACFT** Aircraft

ACFT ID Aircraft Identifier
ACG Austro Control GmbH

ACG Advanced ATS Concept Group



ACG ATS System Concept Working Group

**ACG** ATM/CNS Consultancy Group **ACG** ATM/CNS Consultation Group **ACG** ATS Concept Working Group ATM/CNS Consultation Group **ACG** ATC Flight Plan Change (Message) **ACH** Airports Council International ACI ACI Area of Common Interest **ACI** Adjacent Channel Interference

**ACI-NA** Airports Council International North America

**ACID** Aircraft Identification (ICAO)

**ACID IR** Aircraft Identification Implementing Rule

ACIG ATM Content Integration Group
ACIP Airport Capital Improvement Plan

ACIP Automated Conformity Inspection Process
ACISP Airport CDM Information Sharing Platform

ACJ Advisory Circular Joint
ACK Acknowledgement Message
ACL ATM Capability Levels
ACL Access Control Lists

ACL Altimeter Check Location

ACL ATC Clearances and Instructions
ACL Aeronautical Clearances Service

**ACL** ATC Clearances

**ACL** Airport Coordination Limited

**ACLA** Harmonisation of Airspace Classification in the Lower Airspace

ACLR Access Control Logging and Reporting
ACLS Automatic Carrier Landing System
ACLT Actual Landing Time Calculated
ACM Asset Change Management
ACM Airspace Control Measures

**ACM** Acceptance of (Radar) Coordination Message

**ACM** ATC Microphone Check

ACM Airspace Configuration Management
ACM ATC Communications Management
ACM Airborne Conflict Management

**ACMET** Airport Capacity Meteo

**ACMI** Aircraft/Crew/Maintenance and Insurance **ACMI** Air Combat Manouevring and Instrumentation

ACMS
ACN
ACN
ACN
ACN
ACN
ACN
AIrspace Coordination Notification
ACN
Aircraft Classification Number
ACN
Austrian Communication Network

**ACNIM** Aircraft Community Noise Impact Model



**ACNS** Airborne Communications, Navigation and Surveillance

**ACNUSA**Autorité de Contrôle des Nuisances Sonores Aéroportuaires (FR)

ACO Airspace Coordination Order
ACO Aircraft Certification Office
ACO Associate Contracting Officer

**ACO** Office of Airports Compliance and Field Operations **ACOC** Agence Civile OTAN du Temps de Guerre (FR)

**ACOD** Area Conflict Detection

**ACP** African, Caribbean and Pacific States

**ACP** Abri Contrôle de Piste (FR)

**ACP** Airspace Crossing Acceptance Message

ACP Airspace Control Plan ACP Accept Message

ACP Azimuth Change/Count Pulses
ACP Aircraft Control Position (Window)

**ACP** Area Control Procedural

**ACP** Aeronautical Communications Panel (ICAO)

ACP Accept Decision (CRCO Claims)

ACP Accept (Ance) (Message Type Designator)

ACP Azimuth Count Pulse
ACP ASAS Crossing Procedure

**ACP** Allied Communications Publication

ACP ARTAS Change Proposal ACPO Aircraft Position Operator

**ACPRF** All-call Period Repetition Frequency

ACPSC Advisory Committee on Procurement and Sales Contracts (CCMAV)

**ACPT** Accepted

ACR Airfield Control Radar
ACR FAA Office of Civil Rights
ACR Atlantic Coordinated Route

**ACROPOLE** Amélioration de la coordination et de la régularité par l'optimisation des

procédures opérationnelles et de l'assistance électronique(FR)

**ACRP** Airport Cooperative Research Program

ACS Airspace Control System
ACS Advanced Cockpit Simulator
ACS ATM Concept and Studies
ACS Area Control Surveillance

ACS Aircraft Call Sign Analysis Classes

ACS Advanced Communication System (EEC)

**ACS** ATFM Contingency Services

ACSA Allied Communications Security Agency
ACSE Application Control Service Element
ACSE Association Control Service Element



**ACSEP** Aircraft Certification Systems Evaluation Program

**ACSP** Air Communication Service Provider

**ACT** Active

**ACT** Activation Message

ACT William J. Hughes Technical Center ACT Activation Message Designator

**ACT/LAM** Activation Message/Logical Acknowledgement Message

**ACTARR** Activation Message for an Arrival

**ACTCO** Attention CPS Text Communication Object

**ACTF** Aeronautical Charting Task Force

**ACTOUT** Activation Message OUT

**ACU** Airspace/Antenna Control Unit. See BSU

**ACU** Automatic Calling Unit

**ACW** Anti-clock-wise

**ACWP** Actual Cost of Work Performed

**ACZT** Actual Commencement of De-icing Time

Airspace Data Section **AD AD** Aerodrome (ICAO) Anno Domini AD AD Air Defense AD Airside Directive AD Architectural Design Airspace Data Ops Team AD Administrative Domain AD **AD** Airworthiness Directive

**AD** Airspace Design

AD Airworthiness Directive

**AD** Add/Delete (Flag)

**AD-SPG** Ad hoc Aeronautical Spectrum Protection Group

**ADA** Advisory Area ADA Air Defense Area

**ADA** High Order Programming Language

**Ada** Name of a High-order Computer Programming Language

**ADAA** Automatic Data Access Arrangement

**ADaaS** ATM Data as a Service

**ADAC** Aeronautical Data and Charting

**ADAGES** Action Plan Definition on the Basis of Architecture studies from GAAS for

**EATMS** 

**ADAM** Air Defense and Airspace Management Directorate (NATO)

**ADAMS** Aeronautical Data and Message Switching System **ADAP** Automated Downlink of Airborne Parameters

**ADAP** Airport Development Aid Program

**ADAPT** ATS Data Acquisition, Processing and Transfer Panel (ICAO)

**ADAS** Advanced Datalink and Airborne Surveillance



**ADAS** Automated Weather Observing System Data Acquisition System

**ADAS** AWOS Data Acquisition System

ADB Administrative Bureau
ADB Airports Database
ADB/DB Aeronautical Database

ADC Aerodrome Control/Controller
ADC Air Defense Centre/Command

**ADC** Aeronautical Digital Communications Group

ADC Advanced Designs Corporation (Weather Radar Manufacturer - USA)

**ADC** Air Data Computer

ADC Analog to Digital Converter
ADCA Air Defense Classification Area

**ADCCP** Advanced Data Communications Control Procedure

ADCE Aircraft Data Circuit-terminating Equipment
ADCE Airborne Data Circuit-terminating Equipment

ADCO Arrival Departure Coordinator
ADCP Air Defense Command Post
ADD Average Delay per Delayed Flight

ADD Aircraft Derived Data
ADD Air-derived Data

ADD Aircraft Downlinked Data
ADD Architectural Design Document

ADD; ADDF Average Delay per Delayed Flight

**ADDA** Administrative Data

ADDI Analog and Discrete Data Converter System
ADDI Automated Digital Data Interchange (ICAO)

**ADDN** Addition(al) ADDR Address

ADE Aviation Digital Data Service Expatriation Allowance ADE Air Defense Element

ADE Autonomous Display Equipment
ADEG ATS Data Exchange Group
ADEP Aerodrome of Departure
APES Aerodrome of Destination

ADES Aerodrome of Destination
ADEXA Air Defense Exercise Area
ADEXP ATS Data Exchange Presentation

ADF Application Development Facility

**ADF** Adjusted Delay Factor

ADF Automatic Direction Finder (System)
ADFL Augmented Dynamic Flight Leg
ADGE Air Defense Ground Environment

**ADHDF** Average Delay per Highly Delayed Flight

**ADI** Aeronautical Data Integrity



ADI Aerodrome Control Instrument **ADI** Attitude Display Indicator ADI Automatic De-ice and Inhibitor

**ADIC** ATS Interfacility Data Communications

Aerodrome Identification **ADID ADID** (LAN) Adapter Identification

Advanced Data and Image Distribution System (CCTV Application) **ADIDS** 

**ADIDS** Aeronautical Digital Information Display System

**ADIN AUTODIN Service** 

Air Data Inertial Reference System **ADIRS** Air Data Inertial Reference Unit **ADIRU** 

**ADIS** Automated Data Interchange Systems Arrival and Departure Information System **ADIS** 

Automated Data Interchange System (Panel) – ICAO ADIS (P)

**ADIZ** Air Defense Identification Zone

ADJ Adjacent

Abgesetzte Darstellung von KARLDAP Radardaten (DE) **ADKAR** 

Architecture Description Language **ADL** 

**ADL** Aeronautical Data Link Air Defense Liaison Office **ADLO ADLP** Airborne Data Link Processor

**ADLY** Arrival Delay

Average Delay per Movement **ADM** 

Air Data Module **ADM** 

**ADM** Administrative/Administration ATFM Delay per Movement **ADM** 

Airborne Data Bus **ADM** 

**ADM** Aeronautical Decision Making **ADM** Administration Identifier

**ADM** Administration (System or Bureau) Muac Admar Console 1 and 2 ADM1-2

**ADMA** Average Delay per Movement on Arrival

Abgesetzte Darstellung von MADAP Radar und Flugplandaten (DE) (Remote **ADMAR** 

Display of MADAP Radar Data)

**ADMD** Airspace Data Management and Distribution Average Delay per Movement on Departure **ADMD** 

Administration Management Domain **ADMD** 

**ADMIT** Administrative IT

Administrative Information Technology **ADMIT** Aeronautical Data Modelling Study Group **ADMSG ADNC** Air Defense Notification Centre (Greece) **ADNET** Administrative Network (Switzerland)

Aeronautical Radio Incorporated Data Network Service **ADNS** 

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**ADO** Airspace Data Operations



**ADO** Architectural Design Overview

**ADO** Airline Dispatch Office **ADO** Airport District Office

ADOC Air Defense Operations Centre
ADOLT Air Defense Liaison Team
ADOP Adoption of a Child

**ADORA** Analysis and Definition of the Operational Requirements for ATM

ADOS Airspace Data Operations Support
ADOT Airspace Data Operations Team
ADOU Airspace Data Operations Unit

**ADP** ATFM Delay Plan (Plan des Retards ATFM)

**ADP** ATFCM Daily Plan

**ADP** Auxiliary Data Processing **ADP** Activity Predictor Display

**ADP** AIS Data Process

ADP Aéroports de Paris (FR)
ADP Automatic Data Processing
ADP Auxiliary Data Processing

ADP/APRN Aéroports de Paris/Direction de l'aménagement et des programmes/Unité

prestations navigation aérienne(FR)

**ADPCM** Adaptive Differential Pulse Code Modulation

ADPS ATM Data Processing Sub-group
ADPS Aeronautical Data Processing Systems
ADPSG ATM Procedures Development Sub-group

**ADQ** Aeronautical Data Quality

ADQ IR Aeronautical Data Quality and Information Implementing Rule

**AD/R** Architectural Design Review

**ADR** Air Data Reference

**ADR** Aerodrome ADR Advisory Route

ADR Architectural Design Review
ADR Airspace Data Repository
ADR Airfield Damage Repair

**ADR** Average Delay per Regulated Flight

**ADR** Altitude Deviation Report

**ADR** Air Data Reference

ADREP Accident/Incident Data Reporting (System)

ADRS Air Defence Radar Site/Station

ADRU Air Defence Radar Unit
ADS Airspace Data Section

**ADS** Automatic Dependent Surveillance

ADS Astrophysics Data System
ADS Automated Distribution System
ADS Audio Distribution System



**ADS** Air Data System

**ADS PSG** ADS Program Steering Group

ADS-A Automatic Dependent Surveillance - Address ADS-B Automatic Dependent Surveillance - Broadcast

**ADS-B ADD** ADS-B Aircraft Derived Data

**ADS-B-APT** ADS-B Airport

**ADS-B-NRA** ADS-B in Non-radar Area

**ADS-B-RAD** ADS-B Surveillance in Radar Airspace

**ADS-C** Automatic Dependent Surveillance - Contract

**ADS-ICG** ADS Internal Coordination Group

**ADS-P** Automatic Dependent Surveillance-panel (ICAO)

**ADS-PMB** ADS Program Management Board

**ADS-R** Automatic Dependent Surveillance-report

**ADS-SG** CHIEF Airspace Design Sub-group

**ADSE** ADS Equipment

**ADSEL** Address Selective SSR System (UK)

**ADSEL** Address Selective (Secondary Radar Forerunner of Mode-S, UK)

**ADSF** Automatic Dependent Surveillance Function

**ADSG** ATC and DP Strategy Sub-group

**ADSIA** Allied Data Systems Interoperability Agency

ADS\_ICG ADS Internal Co-ordination Group ADSIM Airfield Delay Simulation Model

**ADSP** ADS Processor

**ADSP** Automatic Dependent Surveillance Panel

ADSP ATM Data Service Provider
ADSS ADS and Data Link Surveillance
ADSS Airspace Data and Support Section

**ADSU** ADS Unit

**ADSY** Administrative Equipment Systems

**ADT** Approved Departure Time **ADTI** Additional Technical Information

**ADTN** Administrative Data Transmission Network

**ADU** Adapter Unit

ADV Airport Database User Group
ADV Aerodrome Control Visual

**ADV** Arbeitsgemeinschaft Deutscher Verkehrsflughäfen (DE)

**ADVO** Administrative Voice **ADVON** Advanced Echelon

**ADVUE** Advanced User Equipment (GPS)

**ADWICE** Advanced Diagnosis and Warning System for Aircraft

Icing Environments

**ADZ** Advise

**ADZ** Synonymous with ADIZ

**ADZY/ADVZY** Advisory (US)



**AE** Antenna

**AE** Authorisation d'engagement (FR)

AE ATM Engineering
AE Application Entity
AE Automatic Evaluation
AEA Eastern Region

**AEA** Association of European Airlines

**AECG** ACAS Evaluation and Coordination Group

**AECMA** European Association of Aerospace Equipment Manufacturers

**AECP** Aeronautical European Common Proposal

AED Airspace Environmental Data
AED Aircraft Evaluation Division
AED Automated External Defibrillator
AEDT Aviation Environmental Design Tool
AEE FAA Office of Environment and Energy
AEEC Airlines Electronic Engineering Committee

**AEF** Alternating Electric Field

**AEFMP** Algeria, Spain, France, Morocco, Portugal Project

**AEG-TFK** AEG-telefunken

AEGIS Airborne Early Warning Ground Environment Integrated Segment
AEGIS Advanced EUROCONTROL Guidelines for Implementing SES
AEGIS ATM European Group for the Improvement of (ATC) Scenarios

**AEM** Airports and Environment Management

**AEM** Advanced Emission Model

**AEM BD** Airports and Environment Management Business Division

**AeMC** Aero-medical Centre

**AEN** Dependent Child Allowance

**AENA** Spanish Airport and Air navigation Administration

AEP ATFCM Evolution Plan
AEP Architecture Evolution Plan

AEP FAA Office of Aviation Policy Planning and Environment

**AERA** Automated En-route Air Traffic Control

**AERA** Automated En-route ATCAF

**AEREA** Association of European Research Establishments in Aeronautics

**AERO I/H+** Satellite Data 2, 3 Services

**AeroMACS** Aeronautical Mobile Airport Communications System

**AERONET II** Aero Thematic Network AEROSIM Aerodrome Simulator

**AES** Automatic Enhanced Surveillance

**AES** ATC Engineering Section

**AES** Aircraft/Airborne Earth Station (ICAO - ADS)

**AESA** Agence européenne de la sécurité aérienne (FR)( (European Union Aviation

Safety Agency - EASA)

**AESA** Spanish Aviation Safety Agency



**AESS** Aeronautical European Spectrum Strategy

**AET** Association for European Transport -Association

AEU Antenna Electronic Unit AEV Annual Equivalent Value AEW Airborne Early Warning

**AEWPD** Adapted EATMP Work Program Document

**AEX** Automated Execution

**AEX** Foreign Residence Allowance

**AF** Air Force

**AF** Audio Frequency (VCS)

AF Analysis Filter
AF Airway Facilities
AF Adjustment Factor
AF Assured Forwarding
AF ATM Functionality

**AF DME** Arc to a Fix

AFAS Aircraft in the Future ATM System
AFAST Active Final Approach Spacing Tool

**AFB** Air Force Base (US)

**AFC** ATC Frequency Change (Service)

**AFC** Area Forecast Centre

AFC Approval of Flight Conditions
AFC Automatic Frequency Control
AFC Airport Facilities Control (ICAO)
AFCAC African Civil Aviation Commission
AFCENT Allied Forces Central Europe HQ
AFCNF Air Force Central NOTAM Facility (US)
AFCS Automatic Flight Control System

**AFD** Associated Flight Details

**AFDAS** Approach Funnel Deviation Alert System

**AFDS** Autopilot Flight Director System

**AFDSS** Air Fix Data Sub Set

AFDX Avionics Full Duplex Switched Ethernet
AFER Aircraft Fuel Expense Reconciliation System
AFFSC (E) Air Forces Flight Safety Committee (Europe)
AFG Advisory Financial Group (ex-FCG/EUROCONTROL)

**AFG** Afterglow (SDD Image)

**AFG-TF** Advisory Financial Group Task Force on the Audit and Control Boards

**AFI** Africa/Indian Ocean (ICAO Region)

**AFI** ICAO Region Africa and India (Area Center C)

**AFI** Authority and Format Identifier

**AFIL** Air-field Flight Plan

AFIS Aeronautical Feature Information Service
AFIS Automated Flight Inspection System



**AFIS** Aerodrome Flight Information Service

**AFISO** Aerodrome Flight information Service Officer

AFL Assigned Flight Level
AFL Actual Flight Level
AFM Aircraft Flight Manual

**AFM** Autonomous Flight Management AFM Automatic Font Management

**AFM** Affirmative;

**AFMS** Advanced/Automatic Flight Management System

AFMSG Audit and Financial Matters Sub-group
AFMT Airway Facilities Management Team
AFMU Airspace and Flow Management Unit

**AFN** ATS Facilities Notification

**AFN** Airspace, Flow Management and Navigation

**AFN BD** Airspace/Flow Management and Navigation Business Division

**AFNOR** Association Française de Normalisation (FR)

**AFO** Household Allowance AFO Airport Field Office

**AFOS** Automation of Field Operations and Services

AFP Active Flight Plan Processing
AFP Airspace Flow Program
AFP Airborne Flight Plan Message

**AFP** Air Traffic Control Flight Plan Proposal

AFP Area Flight Plan

**AFP** Abbreviated Flight Plan

**AFPA** Automated Flight Plan to Track Association

**AFPC** Automatic Frequency Phase Control

**AFPL** ADEXP Format Individual Flight Plan Message

AFR Autonomous Flight Rules
AFR 6380 Air France flight 6380
AFRES Air Force Reserve Station
AFS Aeronautical Fixed Service
AFS Advanced Functional Simulator

AFS Airways Facilities Sector Flight Standards Service

**AFSATCOM** Airborne Satellite Communication

**AFSBW** Amt für Flugsicherung der Bundeswehr (DE)

**AFSCN** Air Force Satellite Control Network

**AFSFO** AFS Field Office AFSFU AFS Field Unit

**AFSOU** Aeronautical Fixed Services Group (ICAO)
AFSOU AFS Field Office Unit (Standard is AFSFOU)

**AFSS** Automated Flight Service Station

**AFT** Average Flight Time



**aft** After ... Time or Place

AFTIL Airway Facilities Tower Integration Laboratory
AFTK Available Freight Tonne Kilometre (Cargo)
AFTN Aeronautical Fixed Telecommunication Network

**AFUA** Advanced Flexible Use of Airspace

**AFUAS** Advanced Flexible Use of Airspace Support Service AFUU Association Française des Utilisateurs d'Unix (FR)

**AFW** Area Flows Window Resource Management

**AG** Address Ground DTE

AGA Aerodromes, Air Routes and Ground Aids AGADE Automated Air/Ground Data Interchange

**AGARD** Advisory Group on Aeronautical Research and Developments (NATO)

AGAS ICG (High-level) Action Group for ATM Safety
AGAS ICG AGAS Implementation Coordination Group

AGAS IRWG AGAS Implementation of Regulations Working Group

**AGAT** Advisory Group for ATM Training

**AGATE** A-SMGCS Ground Control Assistance Tools for Europe

AGC Air/Ground Cooperative ATS Concept
AGC Ad hoc Group of Commissioners (SRC)

EAA Office of the Chief Counsel

**AGC** FAA Office of the Chief Counsel AGC Air/Ground Communications

**AGC** Air/Ground Cooperative ATS Program

**AGC** Automatic Gain Control

AGC Air/Ground Cooperative Air Traffic Services
AGC SRC Ad Hoc Group of Commissioners
AGCFG Air/Ground Communications Focus Group

**AGCS** Air/Ground Communication System

AGCSG Air/Ground Communication Sub-group Meeting

**AGDC** Air/Ground Data Communications

**AGDC-SG** Air/Ground Data Communications Sub-group. See AGSG

**AGDC-TF** Air/Ground Data Communications-TF

**AGDL** Air/Ground Data Link

**AGDLGMS** Air/Ground Data Link Ground Management System

AGE Air/Ground Data Link System Agency Group for Excellence

**AGHME** Aircraft Geometric Height Measurement Element

**AGHT** Actual Ground Handling Start Time

**AGI** FAA Office of Government and Industry Affairs

**AGIFORS** Airline Group of the International Federation of Operational Research

Societies

AGINF Air/Ground Infrastructure
AGL Airfield Ground Lighting
AGL Alliance Great Lakes Region



**AGL** Above Ground Level

**AGLAE** Air/Ground Data Link Applications Experimentation (FR)

**AGM** Administrative and Guidance Material

AGN Agenda AGN Again

**AGNA** Advisory Group National Authorities **AGOD** Advisory Group on Deliverables

AGR Air/Ground Router
AGR Agreement/Agreed

AGR Agency Advisory Group on Research AGS Aeronautical Gateway System

**AGSG** Air/Ground Data Communication Sub-group

**AGSVC** Air/Ground Services

**AGVC** Air/Ground Voice Communication

**AGVC-SG** Air/Ground Voice Communication Sub-group

**AGVCS** Air Ground Voice Channel Spacing

AGY ATS Ground Voice Network (EUROCONTROL) Agency

AH Artificial Horizon
AH Application Header
AHD Advanced Help Desk
AHDG Assigned Heading

**AHEAD** Automation and Harmonisation of European Aeronautical Data

AHGSO Ad Hoc Group of Senior Officials
AHMI Airborne Human/Machine Interface
AHR FAA Office of Human Resources

**AHRS** Altitude and Heading Reference System

**AHU** Air Handling Unit

Al Attitude Indicator
Al Artificial Intelligence
Al Aeronautical Information

**AIA** Aerospace Industries of America

**AIAA** American Institute of Aeronautics and Astronautics

**AIAE** International Association of the Former Officials of EUROCONTROL

AIB Aeronautical Information Bureau

AIB Aeronautical Information Bulletin (EAD)
AIBN Accident Investigation Board Norway

**AIBT** Actual In-block Time

AIC Aeronautical Information Circular
AICB Air Initiated Comm-B (Protocol)
AICG Airport Interface Coordination Group

**AICG** Ab Initio Coordination Group

AICG ACAS Implementation Coordination Group
AICM Aeronautical Information Conceptual Model



**ACIS** Aircraft Inventory and Charter System

AID Aid or Aircraft Identification
AID Airport Information Desk

AIDA Airport Surface Operations and Integration of Data with ATC

AIDA Aeronautical Information and Data Handling Austria

**AIDB** Airport Information Databases

AIDC ATS Interfacility Data Communications (ICAO)
AIDU Aeronautical Information Document Unit
AIDX Aviation Information Data Exchange
AIFSS Automated International Flight Service

AIG ACAS Implementation Group
AIG Airbus Industries Group

**AIG** Accident Investigation (and Prevention)

**AIG** Automatic Input Generation

AIGD ADS-B Implementation and Operational Guidance Document
AIHWG Aeronautical Information Harmonization Working Group
AllRE Atlantic Interoperability Initiative to Reduce Emissions

AIL Aeronautical Item Location Bank
AILS Automatic Instrument Landing System

**AIM** Air Traffic Flow Management Information Message

**AIM** Accident Incident Model

**AIM** ATFM Information Message (IFPS)

**AIM** Aeronautical Information Management/Manual

**AIM** Airman's Information Manual

**AIM** AFTN Message Type

**AIMA** Airport Impact Model Assessment

AIMAS Académie internationale de médecine aéronautique et spatiale (International

Academy of Aviation and Space

Medicine - IAASM)

**AIM-B** Aeronautical Information Management, The Big Picture (Course Title)

**AIM-FANS** Airbus Interoperable Modular (FANS)

AIM-I Aeronautical Information Management, The Inside (Course Title)
AIMS Aircraft Integrated Monitoring (Information Management) System

**AIMSL** AIM Service Layer

**AINSC** Aeronautical Industry Service Communication

AIP Aeronautical Information Publication
AIP Administrative Incentive Pricing
AIP Aeronautical Information Publication
AIP Airport Improvement Plan/Program

AIPA Aeronautical Information Production Application
AIPE International Association of EUROCONTROL Staff

**AIPN** Appointing Authority

AIPSG Aircraft Identification Program Steering Group

**AIR** Air Control



**AIR** Armament Initiative and Requirements

**AIR** Airworthiness

**AIR** Aircraft Certification Service

AIR 4653 Aerospace Information Report 4653 (Flight Management Systems Review)

**Air-TN** Air Transport Net

**AIRAC** Aeronautical Information Regulation and Control

**AIRCO** Airconditioning

**AIRCOM** Aircraft Communications

**AIRE** Atlantic Interoperability Initiative to Reduce Emissions

**AIREP** Airborne Position Report

**AIREP** Air-report (ICAO)

**AIRIAL** Air Navigation Inter-site Acronym List

AIRI SG Aeronautical Information Regulations Implementation Sub-group

AIRM ATM Information Reference Model
AIRMET Air Meteorological Information Report
Airmen's Meteorological Information

**AIRNAV** Airports and Navigation Aids Database System

**AIRNET** Airport Network Simulation Model

**AIRP** Airworthiness Panel (ICAO)

**AIRPAC** Advisor for the Intelligent Resolution of Predicted Aircraft

**AIRPROX** Aircraft Proximity

AIRS Airport Information Report Service
AIRSAW Airborne Situation Awareness

AIS Aeronautical Information Services (ICAO)

Als Abbreviated Injury Scale

**AIS** FAA Office of Information Systems Security

AIS Aeronautical Information System

AIS AHEAD Aeronautical Information Services (AIS) Automation and Harmonisation of

European Aeronautical Data (AHEAD) Program

**AIS-AIMSG** Aeronautical Information Services-Aeronautical Information Management

Study Group

AIS-TF AIS Training Task Force
AISAP AIS Automation Panel

**AISAS** Aeronautical Information Services Automated System

**AISC** Aeronautical Industry Service Communication

**AISC** Aeronautical Mobile Communications System Panel

AIS Automation Working Group (ICAO)

**AISOPS** AIS Operations

AISP Aeronautical Information Service Provider
AISPOP AIS Planning and Operations Sub-group
Aeronautical Information Server System (ODS)

**AIST** AIS Team

**AIST; AIS Team** Aeronautical Information Service Team

**AISTEC** AIS Technical Sub-group



**AISTF** Agency IT Strategy Task Force

**AISU** Aeronautical Information Services Unit

**AIT** Aircraft Identification Tag

AIT Automated Information Transfer
AITF ANSB Institutional Task Force

AITS Automated Inventory Tracking System
AITSC Administrative IT-steering Committee

**AIU** Aviation Intelligence Unit AIW Area Infringement Warning

AIX IBM Unix AIXLINK IBM Unix Link

**AIXM** Aeronautical Information Exchange Model

AJA Acquisition and Business Services, Air Traffic Organization
AJC Communications Services, Air Traffic Organization
AJE En-route and Oceanic Service, Air Traffic Organization

**AJF** Finance Services, Air Traffic Organization

**AJM** Sickness Adjustment

AJO Chief Operating Officer, Air Traffic Organization
AJP Operations Planning Services, Air Traffic Organization
AJR System Operations Services, Air Traffic Organization

AJS Safety Services, Air Traffic Organization
AJT Terminal Service, Air Traffic Organization

**AJW** Technical Operation Services, Air Traffic Organization

AK Data Acknowledge AK8 Amplitude Key Shift Aka Also Known As

**AKARD** Available Knowledge and Required System Research and Development

**AL** Albania

AL Alerting Service
AL Assurance Level
AL Aircraft Label

**AL** Allgemeine Luftfahrt (DE)

**ALA** Alighting Area

**ALAQS** Airport Local Air Quality Studies

**ALAR** Approach and Landing Accident Reduction

**ALARP** As Low as Reasonably Practicable

**ALB** Alternative Label

**ALB [1]** Alternative Track Label 1 (G/S, Climb, Descent)

**ALB [2]** Alternative Label 2 (SSR Code)

**ALC** Automatic Level Control

**ALCC** Airlift Central Coordination Centre

ALCE Airlift Control Element
ALCM Air Launched Cruise Missile

**ALD** Airlift Division



**ALD** Automated Logic Diagram

**ALDA** Agency Library Documentation and Archives

**ALDT** Actual Landing Time

North American Free Trade Agreement (NAFTA) **ALENA** 

Alert Phase **ALERFA** Alert Alert Phase

Association des Aéroports de Langue Française Associés à l'Airports Council **ALFA ACI** 

International(FR)

**ALGOL** Algorithmic Language

4 (Maastricht) States - Amendment of Legal Instruments Working Group **ALI (States)** 

Ats Line Interface and Monitoring **ALIM** 

Altitude Limit (Positive RA Altitude Threshold) **ALIM** 

**ALLA** ATN Lower Layer Access Processor

**ALLA** Allied Long Lines Agency **ALLA** Nursing (Allaitement)

All Planning and Implementation Regional Group **ALLPIRG** 

Application Lifecycle Management ALM

**ALMC** Airlift Movement Cell **ALO** Air Force Liaison Officer

**ALO** Aviation Logistics Organization

**ALP** Airport Layout Plan **ALPA** Air Line Pilots Association

Low Level Significant Weather Chart Issued by Austro **ALPFOR** 

Control for Alps Region

Alert: Displays 4 Hatched Symbols in Line 3 of Label for STCA **ALR** 

Alerting (Message Type Designator) AIR

**ALRC** Altitude Reconstruction

**ALRS** Alerting Service **ALRT** Alert (STCA)

ATCO Licensing Review Task Force **ALRTF** 

Approach Lighting System ALS Automatic Line Switch (RMCDE) **ALS ALS** Architecture Layer Structure (ISO) ALS Automated Airport System (CZ)

**ALSF** Approach Lighting System With Sequenced Flashing Lights

Approach Lighting System Improvement Plan **ALSIP** 

Alt Alternating (Relating to Marine Lights)

**ALT** Altitude

**ALT** Airborne Link Terminal **ALT** 

Alanine Transaminase (GOT)

Assessment on Alternative Aviation Fuels Development **ALTERNATE** 

**ALTRV** Altitude Reservation

Alternative Means of Compliance **AltMoC** 

**ALTN** Alternate (Aerodrome)



**ALTRV** Altitude Reservation System

**ALU** Arithmetic Logic Unit

**ALUG** ATCO Licensing User Group ALUG Audio Lan User Group

**AM** Arrival Manager

**AM** Airspace Management

**AM** Armenia

**AM** Address Mobile DTE **AM** Amplitude Modulation

**AM** Arrival Manager

**AM** Attribute Modification

**AM** Analysis Model

AM-MSKAmplitude Modulated Minimum Shift KeyingAM-SSBSingle Side Band Amplitude ModulationAM-VHFAmplitude Modulation Very High Frequency

AMA Airlift Management Agency
AMA Area Minimum Altitude
AMA Arrival Management Message
AMA Agreement Medical Advisor
AMA AMC Manageable Area

**AMACS** All-purpose Multi-carrier Aviation Communication System

**AMAN** Advanced Arrival and Management Support

**AMAN** Arrival Manager

**AMASS** Airport Area Movement Safety System

AMB Amber (Colorstate): visibility 800-<1600 m, ceiling 200

- < 300 ft

AMBE Advanced Multi-band Excitation
AMC Airspace Management Cell

**AMC** Mike Monroney Aeronautical Center

**AMC** Airspace Military Cell

AMC ATC Microphone Check (Service)
AMC Acceptable Means of Compliance

**AMC** Aeromedical Centre

**AMC** Area of Mandatory Carriage

**AMC** ATS Messaging Management Centre (AMC) **AMCC** ACF/ARTCC Maintenance Control Center

**AMCC** Air Route Traffic Control Center Maintenance Control Center

**AMC/CADF** Airspace Management Cell / ECAC Centralized Airspace Data Function

**AMC/GM** Acceptable Means of Compliance and Guidance Material

**AMCP** Aeronautical Mobile Communication Panel (ICAO)

**AMCs** Acceptable Means of Compliance

**AMC-20** General Acceptable Means of Compliance for Airworthiness of Products,

Parts and Appliances

**AMD** Arrival Manager Display



**AMD** Administrative Management Domain

AMD Amend(ed) (Meteo Message)
AMD Aerodrome Mapping Data

**AMDAR** (Global) Aircraft Meteorological Data Relay

**AMDB** Aerodrome Mapping Database

**AMDP** Airspace Management Data Processing

**AMDP-TF** (EATCHIP) Airspace Management Data Processing Task Force

**AMDT** Amendment (ICAO)

AMDWP Aeromedical Working Party
AME Authorized Medical Examiner
AME ATFM Message Exchange (System)

AME Aeromedical Examiner
AMEG Air Miss Evaluation Group
AMHS ATS Message Handling System
AMI Alternate Mark Inversion

**AMI** Administrative and Management Information Software

**AMI** Airspace Management Information

**AMIC** Area Manager in Charge

AMID Approach Multi-input Device (ODID)

AMIS Aerodrome Mapping Information Service

AMIS Aircraft Management Information System

**AMJ** Advisory Material Joint **AML** Aircraft Maintenance License

**AML (WP)** Airfield Markings and Lighting (Working Party)

**AMM** Aircraft Maintenance Manual

**AMMON** Als Data and Publication Measuring and Monitoring **AMN** Airspace Management and Navigation (EATMP Unit)

**AMO** Assignment Message OAT

**AMO** Approved Maintenance Organization **AMOC** ATFM Air Traffic Flow Management

**AMOC** ATFM Modelling Capability

**AMOC** Alternative Methods of Compliance

**AMOD** ATC Modification of FPL

**AMOFSG** Aerodrome Meteorological Observation and Forecast Study Group (ICAO)

**AMON** Airport (Slot) Monitoring

AMOS ARTAS Maintenance and Operational Support
AMOS Automatic Meteorological Observing System/Station

**AMP** Airborne Monitoring Project

AMP ARINC Message Processor (OR) Airport Master Plan
AMP Airspace Management Plan System (Belgium)

**AMP** Amplifier

AMP Airborne Monitoring Project
AMP Application Maintenance Provider
AMPII Airspace Management Plan 2



AMPS
AMPS
AMPS
AMPS
AMPS
AMPS
Advanced Mobile Phone System
Advanced Mobile Phone Service
AMQP
Advanced Message Queuing Protocol
AMR TF
ATCO Medical Requirements Task Force
AMRS
AFON AMRS
ATM Master Plan for Europe
American Mobile Phone System
Advanced Mobile Phone Service

**AMRSG** ATCO Medical Requirements Study Group (UK)

**AMRTF** ATCO Medical Requirements Task Force

**AMRUFRA** Amsterdam-Ruhr-Frankfurt

**AMS** Amsterdam Sector

AMS
ATC Model-simulations Studies
AMS
Arrival Management System
AMS
Aeronautical Mobile Service
AMS
Airborne Mission System
AMS
Airspace Management Service
AMS
Alenia Macroni Systems

AMS Acquisition Management System
AMS Apron Management Service
AMS Alenia Macroni Systems

**AMS(R)S** Aeronautical Mobile Satellite (Route) Service

**AMSC** Allied Military Security Code

**AMSC** American Mobile Satellite Consortium

**AMSL** Above Mean Sea Level

AMSS
Aeronautical Mobile Satellite Service
AMSS
Aeronautical Mobile Satellite System
Automatic Message Switching System
AMSSP
Aeronautical Mobile Satellite Service Panel

**AMT** ADS Mediterranean Trials

**AMT** Aviation Maintenance Technician AMTI Adaptive Moving Target Indicator

**AMU** Audio Management Unit

**AMVER** Automated Mutual Assistance Vessel Rescue System

AMXM Airspace Management Working Group
AMXM Aerodrome Mapping Exchange Model
AMXS Aerodrome Mapping Exchange Schema

**AN** Access Node

**AN** Adjacent Not tracked

AN1 Access Node 1 AN2 Access Node 2 AN3 Access Node 3

**ANA** Birth Grant, Birth Allowance

**ANA** Administration de la Navigation Aérienne(FR) **ANA** Aeroportos de Portugal S.A. (Portugal)

**ANAM** Aeroportos e Navegação Aérea da Madeira S.A.



**ANAP** Advanced Noise Abatement Procedure

**ANB** Air Navigation Bureau (ICAO)

**ANC** Air Navigation Commission (ICAO Organ)

**ANC** Access Network Computer

**ANC** Aeronautical Navigation Chart (ICAO)

**ANC** Air Navigation Charging

ANC Alternate Network Connectivity
ANC/12 ICAO Air Navigation Conference 12
ANCA Airport Noise and Capacity Act

ANCAT Abatement of Nuisances Caused by Air Transport (ECAC environmental

Policy Committee (ENVAL))

**ANCM** Airport Network Conceptual Model

**AND** Associate Administrator for NAS Development

**ANDB** Automated NOTAM Database

**ANDRA** Advanced Node for Data Relay in ATN

**AND** ANS Department New England Region

**ANERC** Advanced New En-route Centre (UK)

**ANERS** Aviation Noise and Emissions Reduction Symposium

**ANF** Additional Network Feature

**ANF-TC** Additional Network Feature, Transit Counter

**ANFR** Agence nationale des fréquences (FR)

ANG Air National Guard
ANGB Air National Guard Base
ANGI ANI Automatic Number Identification
ANI Airborne Network Interface

**ANIM** Airport Network Information Management

**ANL** Automatic Noise Levelling **ANM** ATFM Notification Message **ANM** Northwest Mountain Region

**ANMS** Automated Network Monitoring System

**ANO** Air Navigation Order

**ANOMS** Airport Noise and Operations Monitoring System

**ANOVA** Analysis of Variance **ANP** Air Navigation Plan

ANPAircraft Noise and PerformanceANPActual Navigation PerformanceANPPAir Navigation Plan Publication

**ANS** Air Navigation Service

**ANS** Answer

**ANS** Czech Republic ATC Authority

ANS NAS Transition and Integration Directorate
ANS/CR Air Navigation Services of the Czech Republic



**ANSA** International Advisory Group Air Navigation Services

**ANSB** Air Navigation Services Board

**ANSB BPTF** Air Navigation Services Board Business Planning Task Force

ANSEP Air Navigation Services Economics Panel (ICAO)

**ANSI** American National Standards Institute

**ANSNAC** Air Navigation Services National Advisory Committee (Canada)

**ANSO** Air Navigation Services Offices (Ireland)

**ANSP** Air Navigation Service Provider

**ANSV** Agenzia Nazionale per la Sicurezza del Volo (Italy) **ANSW** Function Allowing Answering of "Wait" Key Calls

**ANT** Airspace and Navigation Team

**Ant** Antenna

**ANTIOPE** Acquisition Numérique et Télévisualisation d'Images Organisées en Pages

d'Ecriture(FR)

**ANU** Air Navigation Unit

**ANVAR** Agence Nationale de Valorisation de la Recherche (FR)

**ANXM** Airport Network (Information) Exchange Model

AO Aircraft Operator (IFPS) Aircraft Operations **AO Airport Operations** AO **Arrival Operations AO AO Airlines Operator Authorizing Official AO** Airport Operator AO AO **ATM Operations** 

**AO-WIR** Aircraft Operator What-if Re-route

AOA ACARS Over AVLC AOA Air Operations Area

AOA Aircraft Operating Agency/Airlines
AOA FAA Office of the Administrator

**AOAS** Advanced Oceanic Automation System

AOB Air Order of Battle
AOB Any Other Business
AOB Angle of Bank

AOBT Actual Off-block Time

**AOC** Automatic Overload Control

**AOC** Aeronautical Operational Communications

**AOC** Airline Operation Control Centre

**AOC** Advice of Charge

AOC Aircraft Operations Centre (ICAO)
AOC Airline Operational Communications

AOC Auxiliary Output Chip
AOC Aircraft Operations Centre

**AOC** Advanced Operational Capability



**AOC** Airline Operations Centre **AOC** Airline Operational Control AOC Assumption of Control Message **AOC** Aircraft Operators Committee Airlines Operational Communication **AOC AOC FAA Office of Communications** Aircraft Operating Company **AOC AOC** Aerodrome Obstruction Chart **AOC** Aeronautical Operational Control

AOC Air Operator Certificate
AOC Assume of Control

AOCC Aircraft Operator Control Centre
AOCC Atlantic Operations Control Center
AOCC Airline Operator Crisis Coordination Cell
AOCD Airport Operations Concept Document
AOCI Airport Operators Council International
AOCP Airborne Operational Computer Program

**AOCU** Aircraft Operator Control Unit

**AOD** Any Other Duty

**AODB** Airport and Obstacle Database **AODF** Air Transport Operator Data Flow

**AODR** Authorizing Official Designated Representative

**AOE** Airport Operations and Environment

AOF Allocation of Functions AOF AIS Office (Bureau AIS)

AOF Aircraft Oriented Flight Leg (N-FDPS)
AOFG; OFG ATM Operational Focus Group

**Aol** Area of Interest

AOI Area of Operational Interest
AOI Aircraft Operations Information

**AOI** AIS Office

AOIG ACAS Operational Implementation Group
AOIS Aeronautical Operational Information System

**AoL** Area of Responsibility

AOLC Aircraft Operators Liaison Cell
AOLO Aircraft Operators Liaison Officer

**AOLO** Aircraft Operator Liaison Officer (Assistant AOLO)

**AOM** Aircraft Operations Manual

**AOM** Airspace Organization and Management

**AOP** Airport Operating Plan

AOP Airport Operations Unit (EATM)
AOP Airport Operations Program

**AOP** Airport Operations

**AOP** Autonomous Operations Planner



AOP Aeronautical OSI Profile
AOP ATM Operations Plan
AOP NAS Operations

AOPA Aircraft Owners and Pilots Association
AOPG AOPTF Aerodrome Operations Task Force

**AOR** Area of Responsibility

AORAtlantic Ocean Region (ICAO)AOR-EAtlantic Ocean Region East (ICAO)AOR-WAtlantic Ocean Region West (ICAO)

**AORE** Atlantic Ocean Region East

**AORO** AO RPL Office

**AORTF** ATM Added Functionality Operational Requirements Task Force

**AOS** Aircraft Operators

AOS Airport Operations Strategy Drafting Group

**AOS** Astech Office Suite

AOS Operational Support Service
AOT Airport Operations Team
AOU Aircraft Operator Unit (CFMU)
AOV Air Traffic Safety Oversight Service
AOWIR Aircraft Operator What-if Re-routing

**AOWP** Airport Operations Work Plan

AP Action Plan
AP Arrival Procedure
AP Acquisition Plan
AP Associated Press
AP Auto-pilot

**AP** Application Process

**AP** Airport

**AP** Address/Parity AP23 Action Plan 23

**APA** Airborne Parameter Analysis

APA All Points Addressable
APAC ICAO Asia and Pacific (RSO)

**APANPIRG** Asia/Pacific Air Navigation Planning and Implementation Regional Group

**APAPI** Abbreviated Precision Approach Path Indicator

**APARMO** Asia/Pacific Approvals Registry and Monitoring Organization APAS Actions de promotion d'accompagnement et de soutien (STAR)

**APATSI** Airport/Air Traffic Systems Interface (ECAC)

APB APATSI Project Board (ECAC)
APB Acquisition Program Baselines

**APC** ATM Policy Committee

APC Airborne Public Correspondence
APC Aeronautical Public Correspondence



**APC** Airline Passenger Communication **APC** Assistant Planning Controller

**APC** Approach Control

**APC** Automatic Phase Control

**APC** Airspace Policy Commission (ATFM)

**APC** Aeronautical Planning Chart

Portuguese Association for Certification **APCER** 

**APCH** Approach

**APD Activity Predictor Display** 

ATM Procedures Development Sub-group APDCSG; APDSG

Aircraft Proximity Data Link Communication (ICAO) **APDLC** 

**APDSG** ATM Procedures Development Sub-group

**Application Protocol Data Unit APDU APE** Analysis Program for Evaluation **APEC** Asia Pacific Economic Cooperation

Association pour le Perfectionnement des Méthodes de Contrôle de la **APERMECA** 

Circulation Aérienne(FR)

**APF** Aerospace Performance Factor

AP/FD Autopilot/Flight Director

Application Programming Interface **API API** FAA Office of International Aviation

**APIRG** Africa-Indian Ocean Planning and Implementation Regional Group (ICAO)

Date: 2021-01-28

**APL** ATC Flight Plan

ATC Flight Plan Message (IFPS) **APL** A Programming Language **APL** Abbreviated Flight Plan (IFPS) **APL** APL **Applied Physics Laboratory** Aircraft Personality Module **APM APM** Approach Path Monitor

Architecture Project Management **APM** 

Approach Path Monitor **APM** 

**APMB** ACAS Program Management Board

Airspace, Network Planning and Navigation **APN** 

**APO** Airport Operator

**APO** Aircraft Performance and Operations **APO** Office of Aviation Policy and Plans (FAA)

APO; AOP **Airport Operations** 

**APOC** Airport Operations Centre Airport of Debarkation **APOD** 

**APP** Approach Control (Office/Service/Center)

**APP** Approach Centre/Control

**APP** Approach

Approach Controller/Director **APP** 

**APP-ASS** Approach-assistant



**App.** Appendix

**APPN** Advanced Peer to Peer Networking

**APPS** Approach Surface

**Apr** April

APR Airport Operations Program
APR Automatic Position Reporting
APR Aircraft Position Report

APR All Clark Fosition Report

**APRAG** Airport Operations Program Advisory Group

**APRX** Approximate(ly)

APS Aeronautical Publishing System
APS Approach Control Surveillance
APS Airport Planning Standard
APSB ACAS Program Steering Board
APSG ACAS Program Steering Group

**APSG** After Passing

**APT** Airport Through-put

**APT** Airport Traffic Management

**APT** Airport Map

APT Airport Playback Tool
APT Airport Simulation
APT Airspace Planning Team
APT Alternative Parallel Taxi Line
APT Civil/Military Airports

**APT** Airport(s)

**APT** Advanced Persistant Threat

APT BD Airport Throughput Business Division (EUROCONTROL, DAP Business

Directorate)

**APTOCC** Airport Operational Control Centre

**APTS** Airports

**APTS** Automated Personnel Tracking System

APTS AVN (Aviation Systems Standards) Process Tracking System

**APU** Auxiliary Power Unit

**APV** Approved

**APV** Accuracy Position and Velocity **APV** Approach with Vertical Guidance

**APW** Area Proximity Warning

**AQ** Air Quality

**AQAFO** Aeronautical Quality Assurance Field Office

**AQAP** Allied Quality Assurance Publication

**AQG** Agency Quality Group



<b>AQP</b> Advanced Q	ualification Program
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**AQS** FAA Office of Quality, Integration and Executive Services

**AR** Air Route

AR Approval Required
AR Automatic Reminder
AR Airspace Flow Program
AR Agency Representative
AR Authority Requirements
AR-1 Approach Radar 1

AR1 Special Procedure Areas [1]
AR2 Special Procedure Areas [2]
ARA Apple Remote Access
ARA Research and Acquisition

ARA Task Force Authority Requirements (in the Aircrew Regulation)
ARA Task Force Airspace Security Risk and Threat Assessment Task Force

ARAC Aviation Rulemaking Advisory Committee
ARAC Army Radar Approach Control (AAF)
ARAS Anti-reflection, Anti-static Coating
ARB Authoritative Representative Body

**ARC** Attached Resources Computing (Concerning ARC-net)

ARC Automated Radar Control
ARC Airlift Requirement Centre
ARC Assigned Rate of Climb/Descent
ARC Aviation Review Committee
ARC Assigned Rate of Climb/Descent
ARC Airworthiness Review Certificate

**ARC** Airport Reference Code

ARC FAA Office of Regions and Center Operations
ARC Advanced Research for/in Air Traffic Control
ARC Airworthiness Review Certificate; Area Chart

ARC Administrator's Review Committee
ARC Airlines Reporting Corporation

**ARC-(ARCH)** Archive System

ARC-2000 Automatic Radar Control for the 21st Century (CEE)
ARCA Advanced En-route Centre for Air Traffic Management

**ARCC** Air Rescue Coordination Centre

**ARCH** Archives and Quality Control System (CFMU)

ARCID Aircraft Identification (CFMU)
ARCOS Arrival Coordination System (D)
ARCP CFMU Architecture Prototype
ARCP Air Refilling Control Point

ARCS Avionics Refrigeration Cooling System FAA Aeronautical Center or Academy

**ARCTYP** Aircraft Type



**ARD** Architecture, Research and Development

**ARDA** Aviation R&D Activities

**ARDEP** Analysis of Research and Development in European Programs

Airspace Regulation, Design and Management **ARDM** 

Automatic Radar Data Recording System **ARDRS** 

ATM Architecture and Overall System Engineering **ARDS** 

Actual Ready Time for Movement **ARDT** 

**AREA** Automated En Route Air Traffic Control

**ARES** Airspace Reservation

ATM with RNAV in Extended Terminal Area **ARETA** 

**ARF** Airport Reservation Function Allied Radio Frequency Agency **ARFA** Aircraft Rescue and Fire Fighting **ARFF** 

Area Forecast (in Aeronautical Meteo Code) **ARFOR ARFS** Aerodrome Rescue and Fire-fighting Service

Analysis Reference Generator **ARG** Aviation Research Group **ARG** 

ATC Real Groundbreaking Operational System **ARGOS** 

**ARH** Architecture

Aerodrome Runway Incursion Assessment **ARIA** 

**ARIBA** ATM System Safety Criticality Raised Issues in Balancing Actors Responsibility

**ARIM** Accounts Receivable Implementation (Project)

Aeronautical Radio Incorporated (US) **ARINC** 

ASEAN Regional Integration Support by the EU **ARISE** 

Advanced Remote Job Entry **ARJE** 

Airline Office **ARLNO** Air Liaison Officer **ARLO ARM ADS Report Message ARM** FAA Office of Rulemaking Air Request Message **ARM** 

Aerodrome Resource Management **ARM** 

Anti-radiation Missile **ARM** 

**ARM** Armenia

**ARM** Asynchronous Response Mode

Availability, Reliability and Maintainability **ARM** 

Armenian ANSP **ARMATS** 

Armenian Air Traffic Services **ARMATS** 

**ARMC** Administrative Reform Monitoring Committee

Forecast Upper Wind and Temperature **ARMET** Agency Risk Management Working Group **ARMWG** 

**ARN ATS Route Network** 

**ARN** Aeronautical Route Network

ATS Routes and Associated Navigation Means **ARN** 

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 ARN-V3 ATS Route Network - Version 3

**ARNG** Arrange

**ARNSS** Aeronautical Radio Navigation Services

**ARNV5** ATS Route Network Version 5

**ARNVST** ATS Route Network Very Short Term ARO Air Traffic Services Reporting Office

**ARO** Airport Reservation Office

**ARO** Authority Requirements (in the Air Operations Regulation)

**AROS** Aeronautical Reporting Office

**ARP** Air Report (Message Type Designator)

ARP Address Resolution Protocol
ARP Airport Reference Point
ARP Azimuth Reference Pulse
ARP FAA Airports Organization
ARP FAA Office of Airports

**ARP** Aerospace Recommended Practice

ARP Aerodrome Reference Point
ARP Automated Route Planning

**ARP/TF** Task Force on Arrangements and Regulatory Processes Governing the Route

Charges System Under the Revised Convention

**ARPA** Advanced Research Projects Agency

**ARPANET** ARPA Network

**ARPAS UK** Association of Remotely Piloted Aircraft Systems in the UK

**ARPL** ADEXP Repetitive Flight Plan Message

**ARPT** Airport

ARQ Automatic Response to Query
ARQ Automatic Repeat Request

**ARQ** Automatic Request for Repeat (or Retransmission).

**ARR** Arrive/Arrival (Message Type Designator)

ARR SP Institutional Arrangements
ARR SP Arrival Sequence Planner

**ARS** Aeronautical Radio Navigation Service

ARS
Administrative Region Selector
ARS
Avoidance Routing Scheme
ARS
Agency Safety Regulation
ARS
Automatic Route Selection
ARS
Air Traffic Requirements Service
ARS
Automated Reproduction System

**ARS** Special Air Report

**ARSA** Airport Radar Service Area

**ARSC** Administrative Reform Steering Committee (EUROCONTROL)



**ARSC** Air Rescue Sub-center

**ARSR** Air Route Surveillance Radar (Aircraft Equipment) (US)

**ARST** Arresting

ART Analysis and Replay Tool
ART Antenna Revolution Time
ARTCC Air Route Traffic Control Center
ART-DACO ARTAS Dataflow Controller

**ARTAS** ATM Surveillance Tracker and Server System

**ARTAS TF** ARTAS Task Force

ARTAS/CAM OS ATM Surveillance Tracker and Server/Central ARTAS Maintenance and

**Operational Support** 

**ARTCC** Air Route Traffic Control Centre (US)

**ARTEMIS** Advanced Relay and Technology Mission Satellite

Artemis An ESA Experimental Telecommunications Satellite Hosting an EGNOS

navigation transponder

**ARTES 9** Advanced Research in Telecommunication Systems

ARTF Administrative Reform Task Force
ARTS Area Radar Training Squadron (US)
ARTS Automated Radar Terminal System

**ARU** Airspace Reservation Unit

**ARU** Archive to Unix

**ARWG** Administrative Reform Working Group

**ARYM** Ancienne République Yougoslave de Macédoine (FYROM)

**AS** Airborne Surveillance

AS Airspace
AS Anti-spoofing
AS Altimeter Settings

**AS** Airspeed

AS Application Services
AS AIRAC Support Team

**AS** Alto Stratus

**ASA** Airborne Separation Assurance **ASA Automatic Slot Assignment ASA** Aircraft Surveillance Applications Automated Support to ATS **ASA** American Standards Association **ASA ASA** Airborne Separation Assistance **ASA** Airspace Safety Analysis Group Airborne Surveillance Application **ASA** Aircraft Situation Awareness **ASA ASA** Aviation Safety Alliance **ASA** Automated Support to ATS

**ASA** System Automatic Slot Assignment System

**ASACS** Air Surveillance and Control System



**ASAG** Automated Support to ATS Focus Group **ASAP** Advanced System Architecture for Postscript

ASAP Alcohol and Substance Abuse Policy
ASAP Aircraft Separation Assurance Program
ASAP Alternative Slot Allocation Procedure

**ASAP** Advanced Sectorization and Automation Project

**ASAP** As Soon As Possible/Practicable ASAP Aviation Safety Action Program

**ASARP** ACAS Safety Analysis Post-RVSM Project ASARS Air Surveillance Airborne Radar System

**ASAS** Airborne Separation Assistance/Assurance System

**ASAS** Aviation Safety Analysis System

**ASAS-TN** ASAS Thematic Network

**ASASA** Agenda to Support Aviation Safety in Africa

**ASAT** Actual Start-up Approval Time

**ASATC** Aviation Safety and Air Traffic Control Project

ASB ANSP Strategic Board
ASBT Actual Start Boarding Time
ASBU Aviation System Block Upgrade

**ASC** Ascending

**ASC** Education Allowance

ASC AUTODIN Switching Center
ASC Ascent, Ascending to ...
ASC Aviation System Coordinator

**ASC** Air Safety Committee

**ASC** Advisory Scientific Committee

**ASCAP** Automatic SSR Code Assignment Procedure ASCB Avionics Standard Communication Bus

**ASCII** American Standard Code for Information Interchange

**ASCOS** Aviation Safety and Certification of new Operations and Systems

**ASCOT** Airport Slots Compliance Tools **ASCP** Aviation System Capacity Plan

ASD Air Situation Display
ASD Aircraft Situation Display
ASD Acceleration Spectral Density

**ASD** ATM Service Delivery **ASD** Avionic System Division

**ASD** Aerospace and Defense Industries Association of Europe

**ASD** Architecture and System Design Section (CFMU)

**ASD** Aerodrome Standards Division (UK CAA)

ASD-TF Air Situation Display Task Force
ASDA Accelerate Stop Distance Available
ASDAR Aircraft to Satellite Data Relay

**ASDE** Airport Surveillance Detection Equipment



**ASDE** Airport Surface Detection Equipment **ASDE** Airfield Surface Detection Equipment

**ASDE** Area Surveillance Detection Equipment - (Radar)

**ASDE-X** Airport Surface Detection Equipment

Anti-submarine Detection and Identification Committee **ASDIC** 

Actual Start-up Clearance Delivery Time **ASDT** 

Altimetry System Error **ASE ASE** ATM System Engineering

**ASE** Agence Spatiale Européenne (ESA)

**Application Service Element ASE** 

ATM System Engineering Task Force (EATM) **ASE-TF** Association of South - East Asian Nations **ASEAN** 

Agency for the Safety of Air Navigation in Africa and Madagascar **ASECNA** 

ACCS Surveillance Exploratory Prototype (NATO/SHAPE) **ASEP** 

**ASEP** Airborne Separation

Airborne Separation Crossing and Passing **ASEP C&P** Airborne Separation - In Trail Procedure **ASEP-ITP** 

**Application Service Elements ASEs** 

**ASFA** Airborne Surveillance Functional Architecture (Project) Aeronautical Spectrum and Frequency Consultation Group **ASFCG** 

FAA Office of Security & Hazardous Materials **ASH** 

NOTAM Relating to Volcanic and/or Dust Activity (ICAO) **ASHTAM** 

Aerospace Sciences Inc. **ASI ASI** Aviation Safety Inspector Air Speed Indicator **ASI** 

**ASI Forum** Airborne Surveillance Infrastructure

**ASIA** Approach Spacing for Instrumented Approach

**ASIA** Asia (ICAO Region)

**ASIAS** Aviation Safety Information Analysis and Sharing

Application Specific Integrated Circuit **ASIC** 

**ATS Simulator System ASIM** 

Administration and Services of Information Technologies **ASIT** 

**ASIVAL** Assessment of the ATM System Configuration Subject to Validation

**ASK** Amplitude-shift Keying **ASK** Available Seat Kilometre **ASL ATM Service Levels** 

Aircraft Surge Launch and Recovery **ASLAR ASLT** Advanced Solid Logic Technology Ad-hoc Scheduling Message **ASM** 

**ASM** Airspace Management Assume (Control) **ASM** 

Auxiliary Storage Manager **ASM** 

Available Seat Mile **ASM** 

**ASM SG** Airspace Management Sub-group



**ASM-HB** Airspace Management Handbook

**ASM-SG** Airspace Management Sub-group (Sub-group of ANT)

**ASM-TD** Airspace Management - Tool Demonstrator

**AsMA** Aerospace Medical Association

**ASMA** Arrival Sequencing and Metering Area

**ASMAC** Automated System for Management of Aeronautical Charting

ASMC Airspace Management Communications
ASMC Aerodrome Surface Movement Control

**ASMF** Airspace Management Function

**A SMGCS** Advanced Surface Movement Guidance and Control Systems

ASMI Airfield Surface Movement Indicator
ASMSG Airspace Management Sub-group"
ASMT Automatic Safety Monitoring Tool
ASMTF Airspace Management Task Force

ASN Aviation Safety Network
ASN Abstract Syntax Notation
ASN 1 Abstract Syntax Notation One
ASN.1 Abstract Syntax Notation No. 1
ASNO Approach Sequence Number
ASO Application Service Object

**ASO** Southern Region

**ASO** Agency Security Office (EUROCONTROL)

**ASO** Air Surveillance Officer

ASOC Army Support Operations Centre
ASOC Air Sovereignty Operations Centre
Asop Airspace Organization and Procedures

**ASOR** Allocation of Safety Objectives and Requirements

**ASOS** Automated Surface Observing System

**ASP** Aeronautical Information Service Staff Profile Task Force

**ASP** Air Situation Picture **ASP** Aircraft Separation Point

ASP Adjustable System Parameter (ODS)
ASP Actual Surveillance Performance
ASP Aeronautical Surveillance Panel
ASP Air Navigation Service Provider

**ASP** ATM Service Provider

**ASP** Air Navigation Service Providers (ANSP) as written in ECIP

**ASP** AIRCOM Service Processor

**ASP** Arrival Sequence Planner/Program

**ASP** Air Space

**asp** Assigned Speed

**ASPA** Airborne Spacing Application

**ASPA** ASAS Spacing

**ASPA - ITP** AS Application - In-trail Procedure in Oceanic Airspace



**ASPA - S&M** AS Application - Enhanced Sequencing and Merging Operations

**ASPA-C** Enhanced Crossing and Passing Operations

**ASPA-ITP** Airborne Spacing

**ASPA-S&M** ASPA - Sequencing and Merging

ASPEEDG Air Speed Gain
ASPEEDL Air Speed Loss
ASPH Asphalt (DE)

**ASPIRE** Asia and South Pacific Initiative to Reduce Emissions

**ASPL** Abbreviated System Flight Plan

**ASPM** Aviation System Performance Metrics (FAA)

**ASPP** Aeronautical Fixed Service and System Planning Panel

**ASQF** Application Specific Qualification Facility **ASQP** Airline Service Quality Performance

**ASR** BD Agency Safety Regulatory Business Division (EUROCONTROL)

**ASR** Air Safety Report

ASR Airport Surveillance Radar (TAR)
ASR Auxiliary Storage Save/Restore
ASR Agency Safety Regulator
ASR Airfield Surveillance Radar
ASR Automatic Send/Receive
ASR Alkali Silica Reactivity

**ASR** Airways Facilities Spectrum Policy and Management

**ASR** Terminal Surveillance Radar

**ASRB** Agency Safety Regulation Bureau (EUROCONTROL)

**ASRO** Agency Safety Regulatory Oversight Unit

**ASRS** Aircraft Status Report Service

ASRS Aviation Safety Reporting System (US)
ASRT Actual Start-up Clearance Request Time

**ASRT** Air Support Radar Team

**ASR-WSP** Airport Surveillance Radar-Weather System Processor

**ASSA** Airport Surface Situational Awareness

**ASSAP** Airborne Surveillance and Separation Assistance Processing

**ASSI** Aviation Safety Services International Airspace Security Incident Management

**ASSIST** Acknowledge, Separate, Silence, Inform, Support and Time

**ASSIST** Assistance for SES Implementation to Stakeholders

**ASSP** Application Specific Standard Product ASSR Assigned SSR code (FPPS/DECADE)

**ASSTAR** Advanced Safe Separation Technologies and Algorithms

**AST** Annual Summary Template

**AST** FAA Office of Commercial Space Transportation

**AST** Airspace Structure

**AST-FP** Annual Summary Template Focal Point ASTA ATC Strategic and Tactical Adviser



**ASTA** Airport Surface Traffic Automation

**ASTAAC** Arithmetic Simulation Tool for ATFCM and Advanced Concepts

**ASTAC** Aviation Safety and Air Traffic Control

**ASTER** Aviation Safety Targets for Effective Regulation

**ASTERIX** All-purpose Structured EUROCONTROL Surveillance Information Exchange

**ASTF** Air Server Task Force

**ASTP** ADS Studies and Trials Project

**ASTRA** Customized Version of ARTAS Designed for Airport Surveillance

ASU
ASU
ASU
ATM Surveillance Units
ASUP
ASV
Airline Schedule Vendor
ASW
ASW
ASW
ASW
ASW
ASW
ASW
AND
ASW
ASW
AND
ASW
AND
ASW
ACAS Support Unit
ASW
Amsterdam Supervisor
Airline Schedule Vendor
Air Situation Window
Southwest Region
ASW
Anti-submarine Warfare

ASYNC Asynchronous Concentrator

**AT** Air Transport

**AT** Austria, Republic of Austria (ISO Country Code)

AT Actual Time Count Down

AT Adjacent Tracked AT Aircraft Type

**AT** Access and Terminals

AT Active Target
AT At Time

**AT** Actual Time countdown

**AT&T** American Telephone and Telegraph

AT&T ASDC AT&T Agency Service Delivery Center
AT&T CSA AT&T Customer Support Associate
AT-SAT Air Traffic Selection and Training (US)

AT1 Active Target 1
AT2 Active Target 2
AT3 Active Target 3
AT4 Active Target 4

**ATA** Air Transport Association (of America)

ATA Actual Time of Arrival ATA Air Traffic Alliance

**ATA** Airline Transport Association

**ATA 100** Air Transport Association (Numbered Definitions)

ATAA Air Traffic and Airport Administration

**ATAAS** Advanced Terminal Area Approach Spacing

**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

**ATAS** Airspace and Traffic Advisory Service

ATB Air Transport Bureau (ICAO)

**ATC** Air Traffic Control

**ATC EUC** Air Traffic Controller European Unions Coordination

**ATC-HMI** Air Traffic Control Human/Machine Interface

ATC-TRG Air Traffic Control Training tool
ATC/AD Air Traffic Control/Air Defense

**ATC2ATM** Air Traffic Control to Air Traffic Management

ATCA Air Traffic Control Association (US)
ATCA Allied Tactical Communications Agency

**ATCA** Air Traffic Control Assistant

**ATCAA** Air Traffic Control Assigned Airspace

ATCAA ATC Assigned Airspace ATCAF ATC Advanced Functions

**ATCAP** Air Traffic Control Automation Panel (ICAO)

**ATCAS** (Sweden) ATC Automated System

ATCBI Maintenance of Air Traffic Control Beacon Indicator

ATCC Air Traffic Control Centre
ATCC Air Traffic Control Clearance

**ATCCC** Air Traffic Control Command Center

**ATCEUC** Air Traffic Controllers European Unions Coordination

**ATCgram** Illustration in Graph Form of the Main Functional Levels of ATC Systems

**ATCI** Air Traffic Control Instructions

**ATCI** Airport ATC and Information Systems

**ATCITP** ATC Instructor Training Plan

**ATCO** Air Traffic Controller

ATCO Air Taxi Commercial Operator
ATCO Air Traffic Control Operator
ATCO Air Traffic Control Organization

ATCO Air Traffic Control Officer, Air Traffic Controller
ATCO TO Air Traffic Controller Training Organisation
ATCOTS Air Traffic Control Optimum Training Solution

**ATCRB** Air Traffic Control Radar Beacon

ATCRBS Air Traffic Control Radar Beacon System

**ATCRU** Air Traffic Control Radar Unit

**ATCS** Air Traffic Control Services/Specialist

**ATCSCC** Air Traffic Control System Command Center (US)

**ATCSQ** Air Traffic Control Safety Questionnaire

ATCT Airport Traffic Control Tower

**ATCU** Air Traffic Control Unit

ATD Air Traffic Control and Data Processing



**ATD** Actual Time of Departure

**ATD** Air Traffic Services Development

**ATD** Along Track Distance

**ATD** ARTAS Test Description (FAT)

**ATDMA** Asynchronous Time Division Multiple Access

ATDS Airborne Tactical Data System
AtDSUP Assistant Duty Supervisor
ATE Automatic Test Equipment

ATE Actual Time of Entry (of Aircraft into AIRSPACE\_VOLUME)

**ATFC** Air Traffic Flow Controller

**ATFCC** Air Traffic Flow and Capacity Controller **ATFCM** Air Traffic Flow and Capacity Management

**ATFM** Air Traffic Flow Management

**ATFMC** Air Traffic Flow Management Communications

**ATFMC** ATFM Component

**ATFMO** Air Traffic Flow Management Organization ATFMP Air Traffic Flow Management Position (CFMU)

ATFMS Air Traffic Flow Management System
ATFMS Air Traffic Flow Management Service
ATFMU Air Traffic Flow Management Unit

**ATFR** Air Traffic Flow Regulator

**ATFSM** Automated Treatment of Flight Safety Messages

**ATG** At the Glass

**ATG** Air Traffic Generator

**ATH** Athinai FMU

ATI ATM Implementation (EEC)
ATI Automatic Tracking Initiation

**ATIC** Administrative and Technical Inspection Committee (Agency Structure)

**ATIDS** Airport Surface Target Identification System

**ATIEC** Air Transportation Information Exchange Conference

**ATIF** ATN Trials Infrastructure

ATILO Administrative Tribunal of the International Labor Organization

**ATIS** Automatic Terminal Information Service

**ATISR** ATIS Recorder

ATLAS Air Traffic Land and Airborne Systems (European Commission)

ATM Asynchronous Transfer Mode
ATM Air Traffic Management/Manager
ATM Directorate Air Traffic Management

**ATM** Air Transport Movement

ATM 2000+ ATM Strategy for the Years 2000+

ATM 2000+ SB ATM 2000+ Strategy Board

**ATM MP** ATM Master Plan

**ATM R&D RG** European ATM Research and Development Program Review Group

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**ATM-IS** ATM Information Service



**ATM-NMF** Air Traffic Management Network Management Function

**ATM-SE** ATM Specific Technical Events

**ATM/CMC** ATM Civil - Military ATM Coordination

**ATM/CNS** Air Traffic Management/Communications Navigation Surveillance

**ATM/LT** Air Traffic Management/Long-term Target

**ATM/OFF** ATM/Office of the Director

**ATM/RDS** ATM/R&D and SESAR Contribution Management

**ATM/runway** Air Traffic Management

**ATM/STR** ATM Strategies

ATM2000 EUROCONTROL Air Traffic Management Strategy for the Years 2000+

**ATMAC** Air Traffic Management Advisory Committee

**ATMAP** ATM Airport Performance

**ATMARP** ATM's Address Resolution Protocol

**ATMAS** Air Traffic Management Automated System

**ATMAW** Air Traffic Management Awareness

**ATMB** ATM Policy Bureau

**ATMB** Air Traffic Management Bureau (Civil Aviation Authority of China)

**ATMB/CRV** Agency ATM Content Review Division Flexible Resource Management (ATMB)

**ATMB/SRE** ATM Strategic Relations Division

**ATMC** Frankfurt FMU

**ATMC** Airspace and Traffic Management Centre (Frankfurt)

ATMC Air Traffic Management Centre ATMCE ATMC Estimate (Message Type)

ATMCP Air Traffic Management Operational Concept Panel (ICAO)
ATMCT Air Terminal Movement Control Team Centre (NATS UK)

**ATMG** Air Traffic Management Group

ATMG Airspace and Traffic Management Group
ATMGE Air Traffic Management Group East (ICAO)
ATMO Air Traffic Management Organization
ATMOS Air Traffic Management Operating System

**ATMP** ATM Airport Performance ATMPP ATM Performance Partnership

**ATMRPP** ATM Requirements and Performance Panel

**ATMS** Advanced Text Management System

**ATMS** Advanced Air Traffic Management System

**ATMS** Air Traffic Management System

**ATMS** Automated Training Management System

**ATN** Air Traffic Navigation

**ATN** Aeronautical Telecommunication Network

**ATN EURET** see EURATN

**ATN RD** Aeronautical Telecommunication Network Routing Domain

**ATN RDC** Aeronautical Telecommunication Network Routing Domain Confederation

**ATN-ES** ATN End-system



**ATN-VDL** Aeronautical Telecommunications Network/VHF Digital Link ATNAVICS Air Traffic Navigation, Integration and Coordination System

**ATNC** ATN and Communication Architecture

**ATNI** Aeronautical Telecommunication Network Internet

**ATNI** ATN Implementation

**ATNI-TF** ATN Implementation Task Force

**ATNP** Aeronautical Telecommunication Network Panel

**ATNS** Air Traffic and Navigation Services

**ATNSI** ATN System Inc. (US)

**ATO** Actual Time Overhead or Overflying (CFMU - CASA)

**ATO** Actual Time Over

ATO Airborne Traffic Observation
ATO Air Traffic Organization (FAA)
ATO Approved Training Organization

**ATOBIA** Air Transport Operators Benefit Incentive Analysis

**ATOC** Allied Tactical Operations Centre

**ATOCC** Air Transportation Operations Consultation Committee (Canada)

**ATODN** AUTODIN Terminal (FUS)

ATOMS Air Traffic Operations Management System
ATOP Advanced Technologies and Oceanic Procedures

ATOPS Advanced Transport Operating System
ATOS Air Transportation Oversight System

ATOT Actual Take-off Time
ATOVN AUOTVON (Facility)
ATOW Actual Take-off Weight

**ATP** Airport and TMA Performance

ATP At ... Time, Place ATP ARTAS Test Plan

**ATPL** Airline Transport Pilot License

ATR ARTAS Trouble Report
ATR Air Traffic Requirements
ATR Air Transport Racking
ATR Anti-transmit/Receive
ATR ARTAS Test Results (FAT)

**ATRAC** Air Navigation Services Employee Training Concept

**ATRACC** ATC System for Riga Area Control Centre

ATREP Air Traffic Representative
ATRJ Accident on Journey
ATRK Alone Track Error

**ATRS** Air Transport Research Society

**ATRV** Accident at Workplace

**ATS** ATC applications and Systems

ATS Air Traffic Services
ATS Alternate Time Sources



**ATS** Advanced Telecommunications Services

**ATS** Advanced Traffic Services

**ATSAP** Air Traffic Safety Action Program

**ATS BD** Air Traffic Services Business Division (EUROCONTROL)

**ATS-IP** Air Traffic Services IP Network

ATS-No.5 Air Traffic Services Number 5 Signaling Protocol
ATS-QSIG Air Traffic Services Signaling at the Q Reference Point

ATS-R2 Air Traffic Services - R2 Signaling Protocol

ATSA Air Traffic Situational Awareness
ATSA Air Traffic Services Authority (Bulgaria)
ATSA Airborne Traffic Situational Awareness
ATSA-AIRB Air Traffic Situational Awareness Airborn

**ATSA-ITP** Air Traffic Situation Awareness - In Trail Procedure

**ATSA-SURF** Air Traffic Situational Awareness Surface

ATSA-SVA AS application - Enhanced Successive Visual Approaches

**ATSA-VSA** Air Traffic Situational Awareness Visual Separation on Approach

ATSAW Air Traffic Situational Awareness
ATSC Air Traffic Services Communications
ATSCCP ATS Contingency Command Post

**ATSD** Air Traffic Services Department of UK CAA

**ATSD** Air Traffic Situation Display

**ATSEP** Air Traffic Safety Electronics Personnel

**ATSEX** ATS External Communications

**ATSIN** Air Traffic Services Information Notice (UK CAA)

ATSIS Air Traffic Services Investigation System
ATSL Approved Technology Standards List

**ATSMHS** ATS Message Handling Service **ATSMS** Air Traffic Services Message Service

ATSN Air Traffic Service Network
ATSO Air Traffic Services Organization
ATSO Air Traffic Services Operator

**ATSORA** Air Traffic Services Outside Regulated Airspace

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Authors: N. Rieck & M.-M. Temme

ATSP Air Traffic Service Provider
ATSQSIG ATS Q Signaling Protocol

ATSRO Air Traffic Services Reporting Office
ATSS Airway Transportation Systems Specialist

ATSU ATS Standards Department
ATSU Air Traffic Service Unit
ATSup Air Traffic Supervisor

ATT Aircraft Attitude (Indicator)
ATT Along Track Tolerance

**ATT** Attitude

**ATT** Actual Time at Target

**ATT** Attestation



Advanced Technologies Testing Aircraft System **ATTAS** 

AT&T Information Systems **ATTIS** 

**ATTN** Attention

Aircraft Operator Target Take-off Time **ATTOT** 

Actual Time to Turnround **ATTT** ATV Reduction of Work Time

Abbreviated T — Visual Approach Slope Indicator System **AT-VASIS** 

**ATW** Along Track Waypoint

Apron TWR **ATWR** 

Actual Time of Exit **ATX ATYP** Aircraft Type

Aerodrome Traffic Zone **ATZ** 

ΑU Arbitrary Unit Air Navigation Unit ΑU

ΑU Access Unit ΑU Airspace User Administrative Unit ΑU **AU-31** Administrative Unit-31 **AU-32** Administrative Unit-32 AU-4 Administrative Unit-4 AUA **ATC Unit Airspace** 

**AUAG ATC Units Airspaces Grouping** 

Aud Audio Aids

Auenhausen (Air Defense Station) **AUE** 

Aug August

**ARTAS User Group AUG** Access Unit Interface AUI Airspace User Operations **AUO** 

Airspace Use Plan **AUP** Acceptable Use Policy **AUP** 

Airspace Usage Requirements **AUR** 

Airspace Utilisation Rules and Availability **AURA** 

**AUS** Airspace Utilization Service

Österreichische Gesellschaft für Zivilluftfahrt mbH (AT) **AUSTRO** 

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**CONTROL** 

**AUT Automatic** 

Authorized, Authorization **AUTH** 

Initiate a Track Automatically Using Speed Vector **AUTO** 

**Automatically Weather Report AUTO** Automatic Computer Aided Design **AUTOCAD AUTODIN** DoD Automatic Digital Network

**AUTONAV Autonomous Navigation** 

Auto-navigation **AutoNav** 

**Autonomous Flight Operations AUTOPS** 



**AUTOVON** Automatic Voice Network

**AUW** All Up Weight AUX Auxiliary

**AV** Airspace Data Validation Team

**AV** Airspace Volume **AV** Audio-visual Aids

AVAL
AVANA
AVANA
AVASI

ACAS on VLJs and LJs - Assessment of Safety Level
Approval Void if Aircraft not Airborne by Time
Abbreviated Visual Approach Slope Indicator

avasis Abbreviated Visual Approach Slope Indicator System

AVBL Available, Availability
AVC NATO Aviation Committee
AVD Alternate Voice/Data

**AVDGS** Advanced Visual Docking Guidance System

**AVE** Avis de vacance d'emploi

**AVENUE** ATM Validation Environment for Use towards EATMS

**AVG** Average

**AVG** Approach with Vertical Guidance

**AVGAS** Aviation Gasoline

**AVHRR** Advanced Very high Resolution Radiometer

**AVI** Audio/Visual Interleaved **AVIMET** Aviation Meteorology

**AVINOR** Norwegian Air Navigation Service Provider **AVION** Appareil Volant Imitant les Oiseaux Naturels

**AVLC** Aviation VHF Link Control MADAP Data Available

**AVN** Aviation Standards National Field Office, Oklahoma City

**AVN** Aviation System Standards **AVNET** Assitenza al Volo Network (IT)

**AVOL** Aerodrome Visibility Operational Level

**AVON** AUTOVON Service

**AVPAC** Aviation VHF Packet Communications

**AVS** SARP Data Available

**AVS** FAA Office of Aviation Safety

**AVS** Adjust Vertical Speed

**AVSI** Aerospace Vehicle Systems Institute **AVSEC** Aviation Security (Unit of DSS CMAC)

**AVSSSG** Air Traffic Services Voice Switching and Signaling Study Group

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Authors: N. Rieck & M.-M. Temme

**AVT** ADS Validation Testbed

**AVT** ADS-B/TIS-B Validation Testbed

AW Aerial Work
AW Area Width
AW/P Active Way Point

**AWACS** Airborne Warning and Control System



**AWARE** Ground Traffic Situation Awareness Tool **AWAS** Automatisches VOLMET-Ansage-System (DE)

**AWE** Adaptable Windowing Environment

**AWF** Automatische Wahlvermittlung für die Flugsicherung (DE)

**AWG** Area Working Group **AWG** American Wire Gauge

**AWIPS** Advanced Weather Interactive Processing System AWIR Automatically generated What-if Re-routing

**AWIS** Airport Weather Information AWO All Weather Operations

AWOGAll Weather Operations GroupAWOPAll Weather Operations Panel (ICAO)AWOSAutomatic Weather Observing System

**AWOSG** All Weather Operations Steering Group (JAA)

**AWP** Ancillary Working Position **AWP** Aviation Weather Processor

**AWP** Arrival Waypoint **AWP** Western Pacific Region

**AWPG** Aviation Weather Products Generator

AWRAirborne Weather RadarAWRAufwachreaktion (DE)AWSAerial Warning System

**AWSS** Automated Weather Sensors System **AWTT** Aviation Weather Technology Transfer

**AWX** All Weather **AWY** Airway

**AX** ADEXP Templates

**AXI** Auto Transmission Inhibited

**AXIT** Actual Taxi-in Time **AXOT** Actual Taxi-out Time

**AXP** Adaptive Cross Parity Checking **AXT** Crossing the Holding Stop Bar

**AZ** Aerodrome Zone

**AZ** Azimuth

AZ Azerbaijan (ISO Country Code)

**AZ** Aerodrome Sets **AZANS** Azerbaijan ANSP

AzB Anleitung zur Berechnung von Lärmschutzbereichen an zivilen und

militärischen Flugplätzen nach dem Gesetz zum Schutz gegen und Fluglärm

(DE)

**AZERTY** Arrangement of Keys on Keyboard, French Style



## 2.3. Letter - B

Business and Administration Unit (IANS) B&A

B&D Bearing and Distance Bosnia and Herzegovina B&H

Broadband Aeronautical Multi-carrier Communication System **B-AMC** 

**B-CAS** Beacon Collision Avoidance System **B-CDA** Basic-Continuous Descent Approach **B-ICI** Broadband Inter Carrier Interface

Broadband Integrated Service Digital Network **B-ISDN** 

**B-QSIG Broadband QSIG** 

Basic Area Navigation (+/- 5nm 95% of the Time) **B-RNAV** 

**B-RNP** Basic RNP 1 **B-VHF Broadband VHF** Benefit to Cost (Ratio) B/C

**B/CRS Back Course** 

Business/Mission Trajectory Management B/M TM

B<sub>2</sub>B **Business to Business** 

**B2B UP** NM Business to Business User Panel

B<sub>2</sub>C **Business to Consumer** 

A Geodesic Reference Frame **B30** 

**B747** Boeing 747

Binary 8 Zero Substitution **B8ZS B8ZS** Bipolar with 8 Zeros Substitution

Belgium R Byte(s) b BA Tellback Area

Bosnia and Herzegovina, Republic of Bosnia and Herzegovina (ISO Country BA

Code)

**Business Aviation** BA BA Barometric Altitude BA **British Airways** BA **Braking Action Budget Analyst** BA

**British Airports Authority BAA BAC** Basic Access Control (US) **Budget Analysis Database BAD** Base of Aircraft Data **BADA** 

British Aerospace **BAe** 

Bundesaufsichtsamt für Flugsicherung (DE) **BAF** 

**BAF** Belgian Air Force **BAFO** Best and Final Offer

Betriebsanweisung für den Flugverkehrskontrolldienst (DE) **BAFVK** 

British Airports Group **BAG** Balanced/Unbalanced **BALUN** 



**BAM** Balanced Asynchronous Mode

**BAM** Business Area Manager

**BANS**Baltic Air Navigation Cooperation
BRITE Alphanumeric System

**BAR** Barometric

**BARCS** CRCO Computer System for Bilateral Charges

**BARS** Behavior Anchored Rating Scales

**BART** Billing Analysis Reporting Tool (GSA software tool)

**BASA**Berlin Air Route Traffic Control Centre
Bilateral Aviation Safety Agreement

**BASE** Cloud BASE

**Base AM** Base Arrival Manager

**Base AMD** Base Arrival Manager Display

**BASIC** Beginners All Purpose Symbolic Instruction Code

**BASIC** Basic Contract Observing Station

**BASOP** Military Base Operations

BAST Basic ATC Skills Trainer (EUROCONTROL)
BAT Barometric Pressure Setting Advisory Tool

**BAT** Battery

**BATAP** 'Type-B' Application to Application Protocol

BATR Belly Landing Strip
 BAW British Airways Flight
 BAW123 British Airways Flight 123
 BAW4123 British Airways Flight 4123

**BAZ** Back Azimuth

**BAZ** Bundesamt für Zivilluftfahrt (Austria) (AT) (Austrian Aviation Authority)

BBC British Broadcasting Corporation
BBFM Business-Based Flow Management

**BC** Business Continuity

**BC** Business Centre Section (from DEVD)

BC Before Christ
BC Basic Call
BC Bances (Patches)

BCA Border Crossing Authority
BCA Benefit/Cost Analysis

BCAS
BCAS
British Civil Airworthiness Requirements
BCAS
Beacon based Collision Avoidance System
BCBP
Bilateral Communication Plan Coordination

BCC Block Check Character Block Count Check

BCD Binary-coded Decimal (Digital Coding)

**BCFG** Fog Patches

**BCI** Business Continuity Institute

**BCK** Back-up



BCMBusiness Continuity ManagementBCMTBeginning of Civil Morning TwilightBCNBeacon (Aeronautical Ground Light)

BCP Business Continuity Plan
BCP Best Current Practices
BCP Boundary Crossing Point

**BCPG** Business Continuity Process Group

**BCQ** Body Clock Questionnaire

BCR Benefit/Cost Ratio
Block Check Sequence

**BCST** Broadcast

**BCWP**Budgeted Cost of Work Performed
Budgeted Cost of Work Scheduled

**BD** Border Baud

**BDA** Bürgerliche Dämmerung Anfang (DE)

BDAM Basic Direct Access Method
BDAT Digitized Beacon Data
BDE Batch Data Exchange

**BDE** Bürgerliche Dämmerung Ende

**BDL** Bundesverband der Deutschen Luftverkehrswirtschaft (DE) (Federal

Association of the German Air Transport Industry)

BDP Bureau de Piste (FR)
BDP Brussels ACC Computer
BDR Battle Damage Repair

**BDRY** Boundary

BDS Comm-B Data Store
BDS Binary Data Sub-field
Comm-B Data Selector
BDS Comm-B-Data Subfield
BDS Board Data System
BDS-buffer B Data Selector - Buffer

BDS1 BDS Sub-field 1
BDS2 BDS Sub-field 2

**BDT** Business Development Trajectory

**BDU** Basic Data Unit

**BDY** Boundary Point (ENV Entity Type, Used in all CHMI)

**BDY** Boundary and UAC Sectors

**BE** Belgium

**BE** Belgium (ISO Country Code)

**BEA** Bureau d'Enquêtes et d'Analyses (FR)

**BEA** Budget and Economic Affairs

**BEAR** Bearing

**BEBS** Best Efficiency Best Served



**BECMG** Becoming

BECN Backward Error Congestion Notification
BEE Bureau Européen de l'Environnement (FR)

**BEH** Brussels East High

BEI European Investment Bank (EIB)
BEIDOU Chinese satellite navigation system

**BEL** Bell

**BEL** Brussels East Low

**BELGOCONTROL** Belgian Operator of Air Traffic Management, both for Airport and En-route

Traffic

**BEM** Boundary Estimate Message

**BENELUX** Belgium, Netherlands and Luxembourg

BER Bit Error Rate
BER Burst Error Rate
BER Basic Encoding Rules

BERD European Bank for Reconstruction and Development
BERMS Beacon Environmental Remote Monitoring Subsystem

**BERT** Bit Error Rate Test/Tester

**BETA** Benefit Evaluation by Testing an A-SMGCS

**BF** Briefing Facilities

**BFD** Basic Flight Data message

**BFIS** Baggage Flow Information Service

**BFL** Blocked Flight Level Area

**BFL** Bewertung der Flächenbelastung durch Lärm (DE)

**BfL** Beauftragter für Luftaufsicht (DE)

**BFO** Beat Frequency Oscillator

**BFO** Backfill Overtime

**BFO** Blazing Flash of the Obvious (DOD)

**BFR** Before

**BFS (Z)** Bundesaufsichtsamt für Flugsicherung (DE)

**BFTF** Briefing Facility Task Force

**BFU** Bundesstelle für Flugunfalluntersuchung (German Federal Bureau of Aircraft

Accident Investigation)

**BFWG** Budgetary and Financial Working Group

**BFWG-4** Budgetary and Financial Working Group (4 States)

BG Bulgaria (ISO Country Code)
BGAN Broadband Global Area Network

**BGD** Background

**BGP** Border Gateway Protocol

**BHA** Brussels High Assistant controller

**BHANSA**Bosnia and Herzegovina Air Navigation Services Agency

**BHCA** Busy Hour Call Attempt

**BHDCA** Bosnia and Herzegovina Directorate of Civil Aviation

**BHDOC** Block Hour Direct Operating Costs



**BHL-System** Name of HR-registration System

**BHP** Brake Horse Power

**BHS** Baggage-handling Systems

**BIA** Business Impact Analysis

**BIAC** Brussels International Airport Company

**BIANCA** Backup Integrated Aeronautical Communications

**BIC** Best in Class

BIF Deliver Implementation Benefits Faster (EATCHIP Adaptation)
Bureau International de l'Heure (International Time Bureau (ITB))

BIN Building Information Modeling
Broadcast Identification Number

**BINOC** Belgian Integrated Network Operations Centre

BIOS Basic Input/Output System

BIP Business Information Publications
BIP Business Improvement Proposal
BIP Backup Interface Processor

BIRD Banque Internationale pour la Reconstruction et le Développement

(International Bank for Reconstruction and Development (IBRD))

**BIRDTAM** Bird Hazard NOTAM (NOTAM Reporting Bird Hazard)

BIS
Best Intervention Strategy
Business Intelligence System
BIS
Boundary Intermediate System

**BISAM**Basic Indexed Sequential Access Method

**BISDN** Broadband ISDN

**BIST** Build-in Self Test (ODS)

Bit Binary Digit Built-In Test

Binary Digits (Bits) per Second

BITE Built-in Test Equipment

**BKH** Brussels Koksy High BKL Brussels Koksy Low

**BKN** Broken

**BL** Blowing

**BLACK** Flughafen geschlossen (DE) (Closed Airport)

**Bldq** Building

BLERT Block Error Rate Test
BLH Brussels Luxembourg High

**BLK** Blocked

**BLL** Brussels Luxembourg Low

**BLNS** Balloon

**BLO** Below Clouds

**BLOS** Beyond Line of Sight

**BLSC** Brétigny Local Staff Committee

**BLSN** Blowing Snow



BLU+ Blue plus (Colorstate): visibility>=8000m, Ceiling >=20000 ft**BLU--Blue** Blue (Colorstate): visibility>=8000m, ceiling 2500 -<20000 ft Cyprus, Greece, Italy, Malta, Egypt, Tunisia FAB **BLUE MED** Regional Project: Joint Feasibility Study for the Establishment of Functional **BLUE MED** Airspace Blocks Over the Mediterranean **BLW** Below BM **Business Manager BM** Basic Measurement **BMA Business Management BMCS Backup Master Control Station** Basic Measurement Display **BMD** Briefing Meeting of Directors **BMD** Bus Master Interface Controller **BMIC BMP** Batch Message Processing **Best Management Practices BMP** Bureau Militaire de Standardisation (FR) **BMS BMS** Building Management System **BMST** Bare Multi Sensor Tracker **Business/Mission Trajectory BMT BMUN** Better Meet User Needs **BMVBS** Bundesministerium für Verkehr, Bau- und Stadtentwicklung (DE) **BMVI** Bundesministerium für Verkehr und digitale Infrastruktur (DE) BN Backbone Node Bayesian Network BN Backbone Network BN BN **Briefina Note BNC Backbone Network Computer BNC** Bayonet Looking Coax **BNF** Backus-naur Form **BNH** Brussels Nicky High **BNIA** Bureau national de l'informatique et d'assistance au vol(FR) **BNL** Benelux **BNL Brussels Nicky Low BNLX** Benelux Boundary Network Node **BNN BNR** Binary Basic Name Server **BNS** BO **Business Object Bus Out Check BOC BOC** Binary Offset Carrier **Bell Operating Company BOC** 



**BOD** Beneficial Occupancy Date

**BOH** Brussels Olno High

**BOI** Biographical Oriented Interview

**BOL** Brussels Olno Low

**BOMB** Bombing

**BOOST**Building Object Oriented Software Technology
BOP
Budget opérationnel de programme (FR)

**BOS** Behavior Anchored Rating Scales

BPBest PracticesBPBritish PetroleumBPBusiness Plan

**BPA** Barometric Pressure Altitude

BPB Business Plan Builder
BPE Boundary Point of Entry

**BPF** Band Pass Filter

**BPG** Boundary Point Geographical

**BPI** Bits per Inch

BPL Boundary Point Lateral BPL Balloon Pilot License

**BPM** Business Process Management

**BPN** Boundary Point of Entry (Local Route)

BPR Business Processes ReviewBPS Barometric Pressure SettingBPS Business Planning and Support

**bps** Bits per Second

**BPS** Boundary Point Sector

**BPS BD**Business Planning and Support Business Division (EUROCONTROL)

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BPSX Binary Phase Shift Keying
BPSX Boundary Point Sector Exit
BPX Boundary Point of Exit

**BPXA** Boundary Point of Exit Aerodrome of Destination (Linked)

**BPXF** Boundary Point of Exit Truncated Route

BPXL Boundary Point of Exit Lateral
BPXS Boundary Point of Exit Subjacent

**BR** Mist

BR Basic Regulation (Regulation (EU) 2018/1139)

**BRA** Bearing, Range and Altitude

**BRA** Basic Rate Access

**BRADS**Business Report Application Development System

**BRAIN**Barcelona RNAV Approach Innovations
BRAINS
Baggage Routing and Information System

**BRE** Brekendorf (Air Defense Station)

**BRF** Short (Describing Type of Approach Required)

**BRG** Bearing



**BRI** Basic Rate Interface

**BRIA** Bureau régional d'information et d'assistance au vol(FR)

**Brief** Briefing

BRIGHT Intensify Selected Tracks in "OWN" Sector
BRITE Basic Rate Access Interface Extension

BRITE Bright Radar Indicator Terminal/Tower Equipment
BRITE Basic Research in Industrial Technologies for Europe

**BRL** Building Restriction Line

**BRKG** Breaking

**BRNAV** Basic Area Navigation

**BRO** Brockzetel (Air Defense Station)

BRS Back-up Radio System
BRT Beta-release Transfer
BRT CON Brightness Control
BRU Brussels Sectors

BS British Standard
BS Band Stop (ACS)
BS Backspace

**BS** Basic Strip Bootstrap

BS Broadcasting Station (Commercial)BS1 Incomplete Basic Strip (1) PlanBSA Belgian Supervisor Authority

**BSA-ANS**Belgian Supervisory Authority for Air Navigation Services

**BSAM**Basic Sequential Access Method
Broadcast Service Access Point

**BSC** Binary Synchronous Communications

**BSC** Balanced Scorecard

**BSC** Basic Services Component

**BSCM** Bosnian-Serbian-Croatian-Montenegrin (Interpretation Booth)

**BSCU** Brake Steering and Control Unit

BSD Barco Synoptic Displays,
BSD Berkeley Software Distribution
BSI British Standards Institute
BSM Basic Storage Module

BSN
BDU Sequence Number
BSP
Business Systems Planning
BSS
Best Signal Selection
BSS
Basic System Software
BSS
Broadcast Satellite Services
BSS
Broadband Switching Systems

**BSU** Beam Steering Unit

BT Bandwidth Time
BT British Telecom



BT BTAM BTC BTC BTDC BTE BTEC BTH (R) BTIV BTL BTN BTO BTS BTS BTS BTV BUEC BUG	Business Trajectory Basic Telecommunications Access Method Business Telecommunications Basic Training Course Before Top Dead Centre Bi-directional Transceiver Element Business and Technician Education Council Beyond the Horizon (Radar) Bureau de transmission des informations en vol(FR) Between Layers Between Block Time Overshoot Batch Terminal Simulator Back-up Telephone System Brake to Vacate  Back-up Emergency Communications Back-up Emergency Communications Equipment Bertem (Radar) User's Group
BUL-ROM	Bulgaria/Romania FAB
BULATSA	Bulgarian Air Traffic Services Authority
BUP	Backup
BVCS	Backup Voice Communication System
BVLOS	Beyond Visual Line of Sight
BVR	Beyond Visual Range
BW	Bandwidth
BWB	Blended Wing Body
BWH	Brussels West High
BWP	Budget and Work Program Planning
BY	Belarus (ISO Country Code)
BZ	Billing Zone



## 2.4. Letter - C

**C** Centre (Runway ID)

**C** Central

**C** Band Frequency Band

**C** Consumables

**C** Programming Language

**C** Confirm

**c** Speed of Light in Free Space (300,000 Meters per Second)

**C** Current Sector

**C** Degrees Centigrade (Celsius/°C)

**C** Programming Language

**C&A** Certification and Accreditation

**C&M** Control and Monitoring **C&P** Crossing and Passing

C, C-, C++ Programming Language C Variants

**C-** Programming Language

**C-ATM** Cooperative Air Traffic Management

**C-ATSU** Controlling ATS Unit

**C-band** C-band (Radar Frequency Band)

**C-BAS** Competency-Based Assessment System

**C-Channel** Circuit Mode Channel

**C-DPI** Cancel - DPI

**C-DPI** Cancel Departure Planning Information

**C-GATE** Cancel Gate

**C-Gate** Cancel Gate (DEVD)

**C-SAS** Cranfield Situation Awareness Scale

C/A
 C/A
 Coarse/Acquisition Code
 C/A
 Code Course/Acquisition Code
 C/AFT
 CNS/ATM Focused Team
 C/d
 Capacity Demand Ratio
 C/M
 Carrier-to Multi-Path Ratio
 C/N
 Carrier to Noise Ratio

C/N0
 C/R
 Command/Response bit
 C/S
 Carrier-to-Noise-Density Ratio
 Command/Response bit
 Callsign (of Aircraft)
 Certifying Staff

c/s Cycles per Second (in Hertz)C/S/S/N Capacity/Safety/Security/Noise

C1 Radio Navigation Satellite Services Frequency (5010-5030 MHz)

**C90** Abbreviation for Chicago TRACON

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 Multisensor, Issued 06/86 (RTCA DO-187, Issued 11/84)
C118(TSO) C119(TSO) C120(TSO)	Airborne TCAS I Equipmen4 Issued 08/88 (RTCA DO-197, Issued 3/87) Airborne TCAS II Equipment (RTCA DO-185, Issued 09/83) RNAV Equipment Using OMEGA/VLF, Issued 01/88 (RTCA DO-185 issued 9/83)
C2 C2 Level C2-SPI C3 C31d(TSO)	Command and Control Security Level in the United States Department of Defense Pulse Position C2 - Special Position Indicator (SPI) pulse phantom Command, Control and Communications High Frequency (HF) Communications Transmitting Equipment, Issued 04/84 (RTCA DO-163, Issued 03/76)
C32d(TSO) C34e(TSO)	High Frequency (HF) Communications Receiving Equipment, Issued /83 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) C37d(TSO)	ILS Localizer Receiver Equipment, Issued 01/88 (RTCA) DO-195, Issued 11/86) VHF Comm transmitting Equipment, Issued 08181 (RTCA DO-157, Issued 08/81(RTCA DO_157, Issued 08/74)
C38c(TSO) C38d(TSO) C3CM(TSO) C3I C3T C40c(TSO)	VHF Comm Receiving Equipment; Issued 08/81 (RTCA DO-156, Issued 08/74) Receiving Equipment, Issued 08/81 (RTCA DO_186, Issued 1/84) Command, Control and Communications Countermeasures Command, Control, Communications and Intelligence (network) Controller Tools and Transition Trials. See EVP. Airborne VOR Receiving Equipment, Issued 01/88 (RTCA DO-1996, Issued 11/86)
C41d(TSO) C4I C50c(TSO) C57a(TSO) C58a C59	Airborne ADF Equipment, Issued 05/86 (RTCA DO-179, Issued 05/82) Command, Control, Communications, Computers and Intelligence Audio Selector Panel and Amps, Issued 01/83 (RTCA DO-170, Issued 01/80) Headsets And Speakers, Issued 01/83 (RTCA DO-170, Issued 01/80) Aircraft Microphones, Issued 01/83 (RTCA DO-170, Issued 01/80) Selective Calling (SELCAL) Equipment, Issued 01/01 (RTCA DO-93, Issued 2/59) RNAV Equipment Using LORAN -C, Issued 05/88 (RTCA DO-194, Issued 11/86)
C63c C65a	11/86) Airborne Weather Radar, Issued 08/83 (RTCA DO-173 Issued 11/80) 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)
CA	Count Area
CA	Civil Aviation
CA	Conflict Alert
CA	Circulation aérienne (FR)
CA	Course to an Altitude
CA	Certificate of Airworthiness
CA	Computer Associates
CA	Competent Authority
CA	Command Area
CA	Capability
CA	Capability Control Bit
CAA	Computer Aided Analysis
CAA	Civil Aviation Authority (UK)
CAA	Civil Airworthiness Authority
CAA	Clean Air Act
CAAC	Civil Air Authority - China
CAAC	Civil Aviation Administration of China
CAAC ATMB	The Air Traffic Management Bureau of Civil Aviation Administration of China
CAAFI	Commercial Aviation Alternative Fuels Initiative
CAAI	Civil Aviation Authority of Israel
CAAMS	Civil Aviation ATM Modernization Strategy
CAAS	Common Aeronautical Address Form
CAAS	Civil Aviation Authority of Singapore
CAAS	Common AMHS Addressing Scheme
CAAS	Computer Aided Approach Sequencing
CAASD	Centre for Advanced Aviation System Development
CAATS	Canadian Automated Air Traffic System
CAATS	Cooperative Approach to Air Traffic Services
CAB	Civil Aeronautics Board
CAB-E	Change Approval Board – Eng.
CAB-O	Change Advisory Board - Operations
CAC	Coastal Assistant Controller



CAC Connection Admission Control
CAC Centralized Approach Control
CAC Common Acceptance Criteria

**CACD** Central Airspace and Capacity Database **CAD** Computer Aided/Assisted Design/Drawing

**CAD/CAM** Computer Aided Design / Computer Aided Manufacturing CADAS Computer-controlled Avionics Data Acquisition System

**CADD** Computer Aided Draughting and Design **CADF** Centralized Airspace Data Function

**CADIN** Czech Automated Data Interchange Network

**CADS** Centralized ADS

**CADS** Combined Arrival and Departure Sequencing/Study

**CADsim** Computer Aided Design for Simulations

**CAE** Computer Aided Engineering

CAEG Computer-aided Engineering Graphics
 CAEM Commission for Aeronautical Meteorology
 CAEP Committee on Aviation Environmental Protection

**CAER** Computer Assistance for En-route ATC

**CAERAF** Common American-European Reference ATN Facility

**CAF/LOC** Certificat d'aptitude à la fonction/position de contrôle local (FR)

**CAFA** Causal Factor Analyses Group

CAFAC African Civil Aviation Commission, AFCAC
CAFE Conventional Armed Forces in Europe
CAFE Collision Avoidance Fast Time Evaluator

**CAFO** Committee on Air traffic management and Flight Operations

**CAG** Collaborative Analysis Group

**CAG** Circulation aérienne générale (General Air Traffic )

**CAGR** Compound Annual Growth Rate

CAI Civil Aviation Inspection
CAI Computer Assisted Instruction

**CAI** Contractor Acceptance and Inspection

CAI Cooperative Airspace Initiative
CAI Computer Assisted Input

**CAIA** Collaborative Airline Interface to CFMU

**CAIIS** Computer Aided Imagery Interpretation System

**CAIM** Craft Autonomous Integrity Monitoring **CAIR** Confidential Aviation Incident Reporting

**CAIRDE** Civil Aviation Integrated Radar Display Equipment (IRE)

**CAIRS** Cable Assignment Information Retrieval System

CAL Computer Aided Learning
CAL Computer Aided Logistics
CAL Code Allocation List

**CALLSGN** Callsign

**CALM** Computer Assisted Landing Management System



**CALS** Computer-aided Acquisition and Logistic Support

**CAM** Control and Monitoring

CAM Conflict Alert Message (MADAP)
CAM Circulation Aérienne Militaire (FR)
CAM Computer Aided Manufacturing

**CAMACA** Commonly Agreed Methodology for Airport Airside Capacity Assessment

**CAMAR** Conflict Alert Message Analysis and Reporting

**CAMC** Conflict Alert Message Collection

**CAMC** Canadian Aviation Maintenance Council

**CAMES** Cooperative ATM Measures for a European Single Sky

**CAMI** Civil Aeromedical (Medical) Institute

**CAMO**Continuing Airworthiness Management Organization
CAMOS
Centralized ARTAS Maintenance and Operational Support

**CAMPS** Computer Aided Message Processing System

CAMU Central Airspace Management Unit (South Africa)

**CAMUS** Czech Automated Multi Radar System

**CAN** Contract Award Notice

**CAN** Cancel

**CAN** Committee on Aircraft Noise CAN Proj. Croatian Air Navigation Project

CANAC Computer Assisted National ATC Centre
CANSO Civil Air Navigation Services Organization
CAO Collaboration with Airport Operations

CAO Civil Aviation Office (Poland)
CAO Computer Assisted Operations
CAOC Combined Air Operations Centre

**CAOFA** Coordination of Air Operations in the Forward Area

**CAP** Controller Access Parameters

CAP Civil Aviation Publication (UK CAA)

CAP Code Allocation Plan
CAP Controller Access Protocol
CAP Computer Aided Production

**CAP** Common ATM Plan (Plan ATM Communication)

**CAP** Comité administratif paritaire(FR)

**CAP** Corrective Action Plan

**CAP** Capacitor

**CAP** Cost Allocation Principle

**CAP** Combat Air Patrol

**CAP** Capacity **CAP** Civil Air Patrol

**CAPA** CEATS ANS Providers Association

**CAPAN** Capacity Analyzer

**CAPC** Civil Aviation Planning Committee (NATO) **CAPE** Computer Assisted Planning Experiment



**CAPEX** Capital Expenditure

**CAPIG** CEATS Airspace Planning and Implementation Group

**CaPlan TF** Capacity Planning Task Force

**CAPOC** Pensions Administrative Committee of the Coordinated Organizations CAPOI Conférence annuelle des associations du personnel des organisations

internationales (Conference of Staff Associations of International

Organisations - CSAIO)

**CAPP** Client Applications Section

**CAPPI** Constant Altitude Plan Position Indicator **CAPRI** Core Applications Production Infrastructure

**CAPS** CEATS ANS Providers Support

CAPSIN Civil Aviation Packet Switching Integrated Network (UK)

**CAPST** Cooperative Area Precision Tracking System

**CAPT** Coverage Analysis and Planning Tool **CAQC** Computer Aided Quality Control

CARCARCARCARCommitted Access RateCARCivil Aviation Regulations

**CAR** Caribbean and Central America (ICAO Region)

CARAController Action Reliability AssessmentCARACollaborative Arrival Regulation AvoidanceCARATComputer-aided Route Allocation Tool

**CARAT** Center for Aviation Research and Aerospace Technology **CARATS** Collaborative Actions for Renovation of Air Traffic Systems

**CARD** CNS/ATM Research and Development

**CARD** CNS Applications - Research and Development

**CARD** Conflict and Risk Display (ODID)

**CARDS** Community Assistance for Reconstruction, Development and Stabilization

**CARE**Cooperative Actions of R&D in EUROCONTROL
CARF
Central Altitude Reservation Function/Facility

**CARFE** Conference on Airport and Route Facility Economics (ICAO)

**CARP** Computed Air Release Point

**CARS** Controller Acceptance Rating Scale

**CARS** Civilian Air Routes System

**CARSR** Common Air Route Surveillance Radar

**CART** Competency Assessment and Refresher Training

**CART** Classification a Turnaround Resilience, Performance and Prediction nd

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Regression Trees

**CARTS** Common Automated Radar Terminal System

CAS Channel Associated SignalingCAS Control Augmentation SystemCAS Computerized Assessment System

**CAS** Calibrated Air Speed



CAS Collision Avoidance System
CAS Compte d'affectation spécial

**CAS** Close Air Support

**CAS** Cost Accounting System

**CASA** Civil Aviation Safety Authority of Australia

**CASA** Computer-Assisted Slot Allocation **CASA** Controller Automated Spacing Aid

**CASCADE** Cooperative ATS through Surveillance and Communications Applications

Deployed in ECAC

**CASE** Computer Aided Software Engineering
CASE Computer Aided System Engineering

**Case** Case Study

**CASE** Computer Aided Software Engineering

CASFO Civil Aviation Security Office
CASI CFMU Aircraft Situation Image
CASOR Civil Area Services Operations Room

**CASP** Common AIS Staff Profiling

CASSIS COntinuing Analysis and Surveillance System
CTA ATM System Integration Studies (Project)
CASST Commercial Aviation Safety Strategic Team

**CASSY** Cockpit Assistant System

**CAST** Consequences of future ATM Systems for Air Traffic Controller Selection and

Training

CAST Comprehensive Airport Simulation Tool
CAST Commercial Aviation Safety Team
CAST Computer-Aided Software Testing

**CAST** Centre of Aviation Safety Technology (Civil Aviation Authority of China)

**CAST** Certification Authority Software Team

**CASTA** Controller Associate for Strategic and Technical Advice

**CASTAR** Computer Aided Synchronisation Tool for Airspace Repository **CASTLE** Consolidated Automated System for Time and Labor Entry

**CAT** Commercial Air Transport

**CAT** Computer Assisted Teaching/Training

**CAT** Clear Air Turbulence

**CAT** Category

**CAT** Continuous Attention Task

**CAT** Data Category

**CAT** Capacity Assessment Team

CAT I ILS Category "I" Instrument Landing System
CAT x Category "x" Precision Approach (I, II or III)

**CAT-1** Category One

**CAT Number** ASTERIX Category Number

**CATCAS** Copenhagen ATC Automated System

**CATCAS** Copenhagen Air Traffic Control Automated System (DK)



**CATCO** Chief ATC Operations

**CATF** Conformity Assessment Task Force

**CATIA** Computer Graphics Aided Three Dimensional Interactive Applications

CATIA TF on CNS/ATM Implementation Aspects
CATMAC Cooperative Air Traffic Management Concept
CATMT Collaborative Air Traffic Management Technology

**CATO** Civil Air Traffic Operations

**CATS** Contract-based Air Transportation System

**CATS** Data Categories

**CATSA** Croatian Air Traffic Services Authority

**CATSIM** CAA Air Traffic Simulator (UK)

**CATTS** Computerized Air Traffic Training System

**CATV** Community Antenna Television

**CATX** Categorical Exclusion Crypto Ancillary Unit

**CAUC** Civil Aviation University of China

**CAUSE** Collision Avoidance Requirements for UAS

**CAUTRA** Coordinateur Automatique de Trafic Aérien (FR) (Automated Computer

System for Air Traffic)

**CAV** Constant Angular Velocity

**CAVA**Concerted Action on Validation of ATM Systems
CAVEAT
Collision Avoidance Validation and Evaluation Tool

CAVOK Clouds and Visibility OK CAW Continuing Airworthiness CAW Channel Address Word

CB Central Battery
Cb Cumulonimbus
CBA Cross Border Area
CBA Cost-benefit Analysis

**CBAS** Competence Based Assessment System

CBCZ Cross Border Charging Zone
CBD Component Based Development
CBDS Circuit Board Design System
CBE Computer Based Education

**CBE/T** Computer Based Education/Training

**CBESC** CFMU Building Extension Steering Committee

**CBI** Computer Based Instruction

**CBIPO** Custom Built Installation Processing Offering

CBL Calculated Boundary Level
 CBM Core Business Manager
 CBN Common Backbone Network
 CBO Cross-Border Operations

**CBPDO** Custom Built Product Delivery Offering **CBPE** Computer Based Practical Exercises



**CBPM** Computer Based Performance Measure

CBQ Class Based Queuing
CBR California Bearing Ratio

**CBR** Constant Bit Rate

**CBS** Cost Breakdown Structure

CBS Cost/Benefit Studies
CBT Computer Based Tool
CBT Computer Based Training
CBU Core Business Unit

**CBX** Computerized Branch Exchange

**CC** Contextual Condition

CC Call Control
Cluster Controller
CC Clearing Cause
CC Change Control

**CC** Coordinator Controller

CC Cabin Crew Client Code

CC Common Control Unit CC Connection Confirm

**CC** Cirro-cumulus

CC UK Competition Commission
CC Construction Coordinator
Congestion Control Level 0 to

**CC0-3** Congestion Control Level 0 to 3

CCA Cabin Crew Attestation
CCA Channel Control Array
CCA Common Cause Analysis
CCA CFMU Customer Access

**CCAMS** Centralized SSR Code Assignment and Management System

CCB Change Control Board Configuration Control Board

CCBS Call Completion to Busy Subscribers
CCC Common Core Content (of ATC Training)

**CCC** Cellular CNS Concept

**CCC** Command, Control and Communications

CCC Coastal Coordinating Controller CCC Central Computer Complex

CCC Communications Command Center Committee on Climate Change

CCCB Configuration Change Control Board Cross Channel Coordination Centre

**CCCC** Staff Communications

**CCCH** Central Computer Complex Host

**CCCI** Command, Control, Communications and Intelligence (Network)

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Authors: N. Rieck & M.-M. Temme



**CCD** Cabin Crew Data

CCD Continuous Climb DeparturesCCD Charge Coupled Device

**CCDS** Code Callsign Distribution Systems

**CCE** Commission des Communautés européennes; Commission européenne

(Commission of the European Communities (CEC))

**CCESC** CEATS Chief Executive Standing Conference

CCF Centralized Control Function
CCF Central Control Facility

CCFG Computer and Communications Facilities Group CCFP Collaborative Convective Forecast Product

**CCFS** Communication/ACAS Capability and Flight Status

CCFT Cold Cathode Fluorescent Tube
CCG CEATS Coordination Group
CCI Co-channel Interference

**CCIA** Computer and Communications Industry Association

**CCIP** Code-callsign Input Position

**CCIR** Comité Consultatif International des Radiocommunications - International

Radio Consultative Committee (FR)

**CCIS** Closed Circuit Information System

**CCITT** International Telegraph and Telephone Consultative Committee (ITU)

CCL Compliance Check List
CCL Code Callsign List
CCL Crossing Climb
CCL Computation Cycle Loop
CCM Cabin Crew Member

CCM Corporate Conceptual Model
CCM Configuration Control Manager
CCM CASA Cancellation Message
CCM Military Control Centre

**CCM** Computerized Control and Monitoring

**CCMAV** Advisory Committee on Procurement and Sales Contracts

**CCMB** CFMU Crisis Management Board

**CCMG** CEATS Civil/Military Group

**CCMS** Central Claim Management System (formerly CFMU Claim Management

System)

**CCMS** Committee on the Challenges of Modern Society (NATO)

**CCN** Contract Change Note

CCNR Call Completion on no Reply
CCO Continuous Climb Operation
CC&O Customer Cost and Obligation
CCP Contract Change Proposal

**CCP** Circuit Switched Public Data Network



CCP Code Callsign Printout
CCP Configuration Control Plan

CCP Comité central du personnel (Central Staff Committee - CSC)
 CCP Congé de convenance personnelle (leave on personal grounds)
 CCPP Central Committee for Prevention and Protection at Work

**CCPUG** Change Control Procedure

**CCR** Centre de Contrôle Régional (FR)

CCR Concurrency and Recovery
CCR Cancel Contract Request

**CCR** Commitment Concurrency and Recovery

**CCS** Code Callsign

CCS Cabin Communications Systems
CCS Common Channel Signaling
CCS Hundred Call Seconds
CCS Contractual Conditions
CCS Change Callsign Message

**CCS7-NI** Communication Channel Signal-7 Network Interconnect

**CCSD** Command Communications Service Designator

**CCT** Code Callsign Table

**CCT** Communications Coordination Team,

CCTV Closed Circuit Television
CCU Cartridge Control Unit
CCU Central Control Unit
CCW Channel Command Word

**CCW** Counter-clockwise

**CCWG** Customer Consultation Working Group

CD Council DirectiveCD Call DeflectionCD Collision Detection

**CD** Course to a DME Distance

CD Conflict DisplayCD Compact DiscCD Common Digitizer

**CD** Candela

**CD&A** Conflict Detection and Avoidance **CD-2** Transmission Format for Radar Data

**CD-I** Compact Disc Interactive

**CD-ROM** Compact Disk/Read Only Memory

**CD2** Common Digitizer 2

CDA Current Data Authority (ICAO)
CDA Continuous Descent Approach
CDA Continuous Descent Arrival (ICAO)

**CDA** Client Defined Area

**CDA** Coordination Acceptance (Message)

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Authors: N. Rieck & M.-M. Temme



**CDA** Conflict Display Area; Coordination Approval

**CDB** Central Data Bank (Former DBE)

CDB Central Data Base Corporate Database

CDC Consistent Datastore Copy CDC Computer Display Channel

**CDC** Centre de Détection et de Contrôle

**CDD** Corporate Data Dictionary

CDE Crossing Descent Chef d'équipe

**CDFA** Continuous Descent Final Approach

**CDG** Console Design Group

**CDG** Charles De Gaulle (Paris North Airport)

CDG Core Drafting Group (Selection)
CDGPS Canadian Differential GPS

CDI Coordination Information
CDI Course Deviation Indicator
CDL Configuration Deviation List
CDM Collaborative Decision-making

**CDM** CFMU Data Modelling Working Group

**CDM** Concert Data Manager **CDM** Code Division Multiplexing

**CDM-A** CDM - Airport

**CDMA** Code Division Multiple Access

CDMS Corporate Document Management SystemCDN Coordination (Message Type Designator)CDN Airspace Crossing Coordination Message

**CDN** Coordination Message

**CDO** Continuous Descent Operations

**CDP** Central Data Processing

**CDP** Computer Diagnostics Program CDPS Central Data Processing System

CDQ Chef de quart (FR)
CDR Conditional Route

CDR Coded Departure Routes (US)CDR Coordination Request (Message)

CDR Call Detail Recording
CDR Critical Design Review

**CDR** Conflict Detection and Resolution

**CDR** Cost Detail Report

**CDRA** Cooperative Research and Development Agreement

**CDR1** Conditional Route category 1 - Permanently Plannable CDR During Times

Published in National AIPs

**CDR2** Conditional Route category 2 - Non-Permanently Plannable



**CDRL** Contractual Deliverable Requirement List -

**CDRL** Contracts Data Requirements List

**CDS** Controller Display Support

**CDS** Chef de salle (FR)

Central Dispatch System **CDS** 

Confirmed Data Service Element **CDSE** 

Committee to Develop Standards for Educational and Psychological Testing of **CDSEPT** 

The American Educational research Association, The American Psychological

Association, and The National Council on Measurement in Education

**CDT** Command Delivery Time

Chef de tour **CDT** 

Controlled Departure Time **CDT** 

CASCADE Deployment Task Force **CDTF CDTI** Cockpit Display of Traffic Information Console Detailed Technical Specification **CDTS** 

Control Display Unit CDU Cell Delay Variation **CDV** 

Compressed Digital Video **CDV** Cell Delay Variation Tolerance **CDVT** 

Clean Earth (Electrical Connection) CE

Congestion Experienced CE CE Committee of Management

Commission européenne (European Commission) CE

CE Conformity European CE Clearance Expires at...

Complément européen au GPS (European GPS Overlay) **CE-GPS** 

**Enlarged Committee for Route Charges** CE/R

CE/R/MET/TF Task Force on the Allocation of MET Costs to Civil Aviation Users

Centre for the Evaluation of Nuclear Protection **CEA** 

Cost-effectiveness Analysis **CEA** 

Committee for European Airspace Coordination (NATO Group) CEAC

Conférence Européenne de l'Aviation Civile (FR) CEAC

Conference on the Economics of Airports and Air Navigation Services **CEANS** 

Central European Air Traffic Services **CEATS** Central Europe ATS Financial Sub-group **CEATS FSG CEATS LSG** Central Europe ATS Legal Sub-group

Central European Air Traffic Services Upper Airspace Control Centre **CEATS UAC** 

**CEATS Working Group on Management Issues CEATS WGMI** 

Commission of the European Communities; European Commission CEC

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CEC Coastal Executive Controller

**CECAS** CFMU Engineering Competency Assessment Scheme Conference of European Computer Users Associations **CECUA** 

Categorical Exclusion Determination **CED** 

Critical Event Detection and Reporting (Consortium) **CEDAR** 



**CEDRe** Centre d'exploitation, de développement et d'études du réseau d'information

de gestion (FR)

**CEE** Communauté Economique Européenne (FR)

CEE Centre expérimental d'EUROCONTROL (EUROCONTROL Experimental Centre

(EEC))

**CEECs** Countries of Central and Eastern Europe; Central and Eastern Europe

Countries

CEF Contrast Enhancement Filter
CEF Capacity Enhancement Function
CEF Connecting Europe Facility

**CEFA** CRCO Extranet for Airspace users

**CEFA** Cooperation for Environmentally Friendly Aviation

CEFR CDTI Enhanced Flight Rules
CEG Continuous Edge Graphic
CEG Chief Executive Group
CEG CESC Executive Group

CEI International Electrotechnical Commission
CELI Congressional Economic Leadership Institute

**CELP** Code Excited Linear Prediction

**CEM** Collaborative Environmental Management

**CEM** Capacity Enhancement Manager **CEMA** Chef d'Etat-Major de l'Armée (FR)

**CEMT** European Conference of Ministers of Transport

**CEMT** CFMU Effort Management Tool

**CEN**European Committee for Standardization

**CEN** Certificat d'Examen de Navigabilité **CENA** French Air Navigation Study Center

**CENELEC** European Committee for Electrotechnical Standardization

**CENRAP** Center Radar Arts Presentation

**CENTRA** Tool Used for Teleconferencing and E-learning

CENTX Central Telephone Exchange
CEO Chief Executive Officer
CEP Circular Error Probability

**CEP** Capacity Enhancement Program

**CEPT** Conference Europeenne des Postes et Telecommunications (FR)

**CEO** Council on Environmental Quality

**CER** Cell Error Ratio

**CER**Cancel Emergency Mode Request
CERAN
Central European Surveillance Network

**CERAP** Center Radar Approach Control

**CERAP** Central Radar Approach

**CERCO** Comité Européen des Responsables de la Cartographie Officielle(FR)

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CERG Central European Rotation Group (ICAO Group)
CERN Conseil Européen pour la Recherche Nucléaire (FR)



**CERT** Computer Emergency Response Team

**CERT-EU** Computer Emergency Response Team of the EU Institutions

**CES** Capacity Enhancement Service (ATFM)

**CES** Circuit Emulation Service

**CES** Central and Eastern European States

**CESAR** Course Evaluation Sheets Analysis and Reporting

**CESC** Chief Executive Standing Conference

**CESNAC** Centre d'Exploitation des Systèmes de la Navigation Aérienne Centraux (FR)

**CEST** Central European Standard

**CESTOL** Cruise-efficient Short-take-off and Landing Transports

**CET** Central European Time

**CET** Compte épargne-temps (Leave Savings Account)

**CETCOPRA** Centre d'Etudes des Techniques, des Connaissances et des Pratiques - Univ.

Paris I (FR)

**CEU** Central Europe

**CEU** Central Executive Unit

CEU (W) Central Executive Unit (West) for Flow Management Purposes
CEU-E Central Executive Unit with Responsibility for Eastern Europe
CEU-W Central Executive Unit with Responsibility for Western Europe

**CEV** Flight Testing Centre Civil Engineering Works

cf Refer to...(from latin: Confero)
 CF Classification and Filtering
 CF Coordination Function
 CF Control Function

CF Control Function
Course to a Fix

CF Change Frequency to...
CF Control Field

**CF** Control Field Control Functions

**CF/AFS** Directorate Central Route Charges Office and Finance/Agency Finance

Services

**CF/AFS/ATT** Directorate Central Route Charges Office and Finance/Agency Finance

Services/Accounting & Treasury Unit

**CF/AFS/FPC** Directorate Central Route Charges Office and Finance/Agency Finance

Services/Financial Planning & Control

Unit

**CF/AFS/PAR** Directorate Central Route Charges Office and Finance/Agency Finance

Services/Procurement & Agreements

Unit

**CF/CRCO** Directorate Central Route Charges Office and Finance/Central Route Charges

Office

**CF/CRCO/BCE** Directorate Central Route Charges Office and Finance/Central Route Charges

Office/Billing, Customer Relations & Economics Division



**CF/CRCO/CAT** Directorate Central Route Charges Office and Finance/Central Route Charges

Office/Collection, Accounting & Treasury Division

**CF/CRCO/CIS** Directorate Central Route Charges Office and Finance/Central Route Charges

Office/CRCO Information Services Unit

**CF/FEO** Directorate Central Route Charges Office and Finance/Pension Fund Executive

Officer

**CF/OFF** Directorate Central Route Charges Office and Finance/Office of the Director

 $\mathsf{CF}$ 

**CF/QC** Directorate Central Route Charges Office and Finance/Quality & Compliance

Manager

**CF/SCRR** Directorate Central Route Charges Office and Finance/Central Route Charges

Office - CF/CRCO

**CF/SCRR/BCE** Directorate Central Route Charges Office and Finance/Central Route Charges

Office/Billing, Customer Relations & Economics Division -

CF/CRCO/BCE)

**CF/SCRR/CAT** Directorate Central Route Charges Office and Finance/Central Route Charges

Office/Collection, Accounting & Treasury Division CF/CRCO/CAT

**CFA** Crossed Field Amplifier

**CFAR** Constant False Alarm Rate (Radar Systems)

CFAR Constant False Alarm Rate
CFB Central Flight Plan Bank
CFB Call Forwarding Busy
CFC Chloro-fluoro-carbon
CFC Central Flow Control

**CFCF** Central Flow Control Facility (US) **CFCS** Central Flow Control Service

**CFD** Consistent Flight Data

**CFD** Change to Flight Data Message

**CFDS** Central Flight Data Suite (PALLAS System)

**CFE**Customer Furnished Equipment
CFEOI
Call for Expression Of Interest

**CFEP** Communications Front-End Processor

**CFF** Critical Flicker Frequency

**CFG** Configuration

CFG CEATS Financial Group
CFI Carbon Financial Instrument

**CFI** Court of First Instance of the European Communities

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Authors: N. Rieck & M.-M. Temme

CFI Customer Furnished Inputs
CFI Certified Flight Instructor
CFI Controlled Flight into Terrain
CFL Cleared (Current) Flight Level

**CFL** Cleared Flight Level

**CFM** Central Flow Management

**CFM** EEC Business Area - Support to ATFM



**CFM** Configuration Manager

**CFM** Confirm Message

**CFMO** Flow Management System Central Flow Management Unit **CFMU CFMU Steering Committee CFMUSC** Call Forwarding No Reply **CFNR** 

Central Flow Processing Unit (in a State) **CFPU** 

**CFO** Class-based Fair Queuing

Code of Federal Rules/Regulations (Collection of US Laws) **CFR** 

Concert Frame Relay Service **CFRS** 

Computerized Flight Plan Service Provider **CFSP** 

Computer Flight Planning Service Providers Group **CFSPG** 

Call for Tender **CFT** 

**CFTPD** Central File of Transponder Performance Data (ECC)

**CFU** Call Forwarding Unconditional **CEATS Financial Working Group CFWG** Central Flow Weather Processor **CFWP** Central Flow Weather Unit **CFWU** 

Center of Gravity CG

Challenges of Growth 2013 **GC13** Challenges of Growth 2018 **CG18 CGA** Clear and Graded Area Color Graphics Adapter **CGA** Coast Guard Air Station **CGAS** 

**CGCB** Common Ground Communications in the Balkans

General Conditions of Employment Governing Servants at the EUROCONTROL **CGE** 

Maastricht Centre

Unemployment Fund Management Committee (UFMC) **CGFSNE** 

Circling Guidance Light(s) **CGL** Computer Graphics Metafile **CGM** 

Comité de Gestion du Régime Assurance Maladie (FR) **CGRAM** 

Consultative Group on Route Charges **CGRC** 

Centimetre Gram Second cqs

**CGS** Communication Ground Segment **CGSO CEATS Group of Senior Officials** 

CH Switzerland (ISO Country Code)

CH Channel

**SVC Channel Number** CH

CHA Character

Chi Square Automatic Interaction Detection CHAID

**CHAIN** Controlled Harmonized Aeronautical Information Network

**CHAMAN** Chaotic Situation Management

**CHAMP** Collaborative and Harmonized ATCO Manpower Training

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Chap. Chapter



**CHASEIT** Collaborative Harmonization of Architecture, System Engineering and

Integration Techniques (Internal EUROCONTROL Agency)

CHC Coastal High Coordinator Controller
CHE Coastal High Executive Controller

**CHG** Change or Modification (Message Type Designator)

CHG Change Message (IFPS)CHI Computer/Human Interface

CHIEF Project Switzerland (CH), Italy (IT), Spain (ES), France (FR)

**CHIF** Channel Interface Feature

CHIRP Confidential human Factors Incident Reporting Program

**CHK** Check Message

**CHK MIKE** Check Stuck Microphone

**CHMI** Collaboration Human/Machine Interface

CHoD Chief of DefenceCHPID Channel Path Identifier

**CHRG** CEATS Human Resources Group

**CI** Course to Intercept

**CI** Call Intrusion

CI Continuous Improvement

**CI** Configuration Item

**Ci** Cirrus

CIA CFMU Internet Access
CIA Change Impact Assessment
CIA Command Input Area
CIA CFMU Internet Application

**CIAAIC** Comisión de Investigación de Accidentes e Incidentes de Aviación Civil (FR)

CIADN Croatian Integrated Aeronautical Data Network
CIAM Collaboration Interface for Airspace Management

CIAO Collaboration Interface for AO
CIAS CFMU Internet Application Service
CIBP CEATS Informal Budget Process

CIC Clearances and Information Communications
CIC Clearance and Information Communications

**CICL** Call Intrusion Capability Level

**CICS** Customer Information Control System

**CICT** Convergence and Implementation Coordination Team

**CID** Configuration Identification Document

CID Controller Identification
CID Case Inspection Delay

**CID** CWP Information Display (N-FDPS)

**CID** Computer Interface Device

**CIDIN** Common ICAO Data Interchange Network

**CIDR** Classless Internet Domain Routing

CIE International Commission on Illumination



**CIEL** Common Interface Exchange Language

**CIF** Common Interchange Format

**CIFLO** Collaboration Interface for Flow Management Position

CIG Ceiling ClGS Ceilings

CILO Capacity Increase of Lower Airspace
CIM Customer Information Management
CIMACT Civil/Military ATM Coordination Tool
CIMIC Civil/Military Interface Committee

**CIMIL** Civil/Military Coordination

**CIMSEL** Civil/Military SSR Environment Liaison Group

**CINCAT** Capacity Increase through Computer Assistance Tools

**CINCENT** Commander in Chief Central Europe

CINDI Core IT Novel Development Infrastructure

**CINT** Call Interception

**CINTIA** Control of Inbound Trajectories of Individual Aircraft

**CIO** Coastal Input Operator

**CIO** Conventional International Origin

**CIO** Chief Information Officer

**CIP** Convergence and Implementation Plan

CIP Cosine Implementation Phase CIP CFMU Implementation Plan Capital Investment Plan

**CIPD** Convergence and Implementation Program Document

**CIPL** Call Intrusion Protection Level

**CIPREC** Conversational and Interactive Project Evaluation and Control

**CIPROG** Cellule Inter-défense de Programmation (FR)

CIR CFMU Interactive Reporting
CIR Committed Information Rate

**CIREN** CFMU Interface for Remote Environment Access

**CIREN** CHMI for ENV Coordinators

CIRG CFMU Internet Requirements Group
CIS Cooperative Independent Surveillance

**CIS** Commonwealth of Independent States (States of former USSR)

**CIS** Communication and Information Systems

**CIS** Critical Incident Stress

CISC Conventional Instruction Set Computer
CISC Complex Instruction Set Computing

CISC Corporate Information Systems Committee
CISC Call Independent Signaling Connections

CISCO Cisco Systems Incorporated
CISD Critical Incident Stress Debriefing
CISM Critical Incident Stress Management

**CISMO** Centralized International System Management Organization



**CISNA** Certification, Infrastructure and Safety Support (with NATA, Albania)

CISO Chief Information Security Officer
CIT Critical Incidence Technique
CIT Near or Over Large Towns (Cities)
CITO Collaboration Interface for Towers

**CITRAC** Common Interface for Trajectory Calculation

CITS Corporate IT Services
CIU Cabin Interface Unit

**CIV** Civil

CIV Centre d'information de vol (FR)
CIV/MIL TF Civil/Military Task Force on Mode S
CIWS Corridor Integrated Weather System

CJEC Court of Justice of the European Communities (now European Court of

Justice)

**CJI** Controller Justification Indicator

**CJUE** Cour de justice de l'Union européenne (Court of Justice of the European

Union - CJEU)

**CK** Check

**CKD** Count Key Data

CL Cleared Cluster CL Centre Line

**CL** Connectionless Mode Service

CL Connectionless CL Controlled Load

CL Clock
CL Climb
CL Code Label

**Cl.3** Class 3 Medical Certification of Air Traffic Controllers

**CLA** CLA procedure, CRCO Claim (CLA) Procedure

CLA OCM Clear Type of Ice Formation
CLA OCM Clearance Echoback Message

**CLAM** Cleared Level Adherence Monitoring

CLAN Client's Local Area Network
CLASS Classroom Techniques

**CLBR** Calibration

**CLC** Course Line Computer

**CLD** DCL Clearance

**CLD** Cloud

**CLD DCL** Clearance Message (Message in the DCL Service)

**Cld PT** Cleared Point

**CLDM** Consolidated Logical Data Model

**CLDT** Calculated Landing Time

**CLEEN** Continuous Lower Energy, Emissions & Noise



**CLG** Calling

**CLIMAX** Multi-station Carrier Offset Mode, With Voting Override **CLIMAX** Offset Carrier System for VHF Voice Communications

**CLIMOP** Climate Assessment of Innovative Mitigation Strategies Towards Operational

Improvements in Aviation

**CLIN** Contract Line Item

Calling Line Identification Presentation **CLIP** 

**CLIR** Calling/Connected Line Identification Restriction

Clock System CLK

Concept Lifecycle Model **CLM** 

Connectionless Network Protocol **CLNP** Connectionless Network Service **CLNS** 

**CLP** Cell Loss Priority

**CLP** Connectionless Protocol

**CLPB** comité local du personnel de Brétigny (Brétigny Local Staff Committee - BLSC) comité local pour la prévention et la protection au travail (Local Committee **CLPP** 

for Prevention and Protection at Work - LCPP)

CLR Cell Loss Ratio **CLR** Clear, Cleared to... **CLSD** Close(d), Closing

**CLSK** Commando Luchtstrijdkrachten (Dutch Air Force Command)

**CLT** Calculated Landing Time

Connectionless Transport Protocol **CLTP CLTS** Connectionless Transport Service

**CLV** Constant Linear Velocity **CLW** Communications List Window

**CLX OCM** Clearance Message

Common Memory CM

CM Configuration (Context) Management

Certification Memorandum **CM** Configuration Management CM

Centimeter cm

Critical Milestone (MAS/DFS - ODS) CM

Conformance Monitoring CM CM Conflict Management

Central Monitoring Agency (NAT) **CMA** Context Management Application **CMA** 

Message Comparison Area **CMA** 

Configuration Management Administration **CMA** 

Civil-Military ATM Coordination **CMAC** 

**CMAP** Center Mapping Automation Program Civil Military ATM Performance Framework **CMATMPF** 

**CMB** Climb

**CMB CFMU Management Board** 



CMB Combined (PSR and SSR)
CMC Constant Mach Climb
CIDIN Management Centre

**CMC** Central Master Clock

**CMCES** Comité Minstériel de Coordination Economique et Social (FR)

**CMCSG** Civil and Military Coordination Sub-group

**CMD** Command Input Area

**CMD** Command

**CMDE** Channel Micro-code Device Exerciser

**CMDR** Command Reject **CME** Coronal Mass Ejection

**CMFO** Certificate Management Field Office **CMFIS** Cargo/Mail Flow Information Service

**CMG** Call Management

CMGCrisis Management GroupCMIComputer Managed Instruction

**CMI** collège médical interinstitutionnel (Inter-institutional Medical Board - IMB)

**CMIC** Civil-Military Interface Standing Committee

**CMID** Communciations "Middleware"

CMIDS
 CMIP
 COmmon Management Information Protocol
 CMIP
 Contract Management and Inspection Procedures
 CMIP/S
 Common Management Information Service/Protocol

CMIS Common Management Information Service
CMIS Certificate Management Information System

**CMIS/CMIP** Common Management Information Service/Protocol **CMISE** Common Management Information Service Element

CMMCMMCapacity Maturity ModelCapability Maturity ModelCore Management Meeting

**CMMC** Central Monitoring and Management Centre **CMMC** Common Maintenance Monitoring and Control

**CMMI** Capability Maturity Model Integration

**CMO** CEATS Management Office

**CMO** Configuration Management Officer **CMO** Certificate Management Office

CMOS Complementary Metal Oxid Semiconductor
CMOS Complementary Metal Oxide Semiconductor

**CMOT** Cmip Over Tcp/ip

**CMP** Configuration Management Plan

**CMP** Communications Management Processor

**CMPA** Complex Motor-powered Aircraft

**CMPL** Complete, Completion CMR Cell Misinsertion Rate



CMS Conversation Monitor SystemCMS Common Modular SimulatorCMS Control and Monitoring System

CMS Central Message Switch
CMS CFMU Management System
CMS Circuit Management System
CMSA Carrier Sense Multiple Access (

CMSA/CD Carrier Sense Multiple Access (Collision Detect)
 CMSC CEATS and Maastricht Standing Committees
 CMSD Consultation of Manufacturer and Supplier Data

CMSG Create Message
CMT Critical Milestone Test
CMT Core Management Team
CMT Capacity Management Team
CMT Crisis Management Team

CMTF Equipe spéciale civile-militaire d'EASIE (FR)
 CMTP Common Medium Term Plan (EUROCONTROL)
 CMTP Corporate Management Training Program

**CMU** Control Management Unit

**CMU** Communications Management Unit

**CMU** Certificate Management Unit

**CMUE** European Union Military Committee **CMV** Coverage Measurement Volume

**CMVRCO** Cancellation Multiple Visual Representation Communication Object

**CMX** Critical Milestone X

CN Corporate NetworkCN Correspondent NodeCN Permanent Commission

**CN** Change Notice

**CN** Connectivity Notification **CN** Common Network

CNAC Competent National Aviation Authority
CNACC Common National Area Control Centre
CNAS CFMU Network Administration System

**CNATCC** Common National Air Traffic Control Centre (Bulgaria)

**CNAV** Future GPS Navigation Message Structure

**CNC** Computerized Numerical Control CND Cooperative Network Design

**CND/CMF** CND Central Management Functions

CND/CoE CND Centre of Expertise
CND/ND CND Network Development
CND/SC CND SESAR Contribution
CND/SESI CND SES Implementation

**CNES** Centre Nationale d'Etudes Spatiales (French Space Agency)



**CNFL** Coordinated Flight Level (N-FDPS)

**CNG** Common Network Group CNG2020 Carbon-Neutral Growth 2020

**CNIP** Calling Name Identification Presentation

**CNIR** Calling/Connected Name Identification Restriction

**CNL** Cancel(lation) Message (ICAO)

**CNL** Cancel(led), Flight Plan Cancellation (Message Type Designator)

CNL ALL Cancel All (N-FDPS)
CNL BRT Cancel BRT (N-FDPS)

**CNLCOND** ATFM Exceptional Condition Cancellation Message

**CNLCOND ATFM** Exceptional Condition Cancellation Message

**CNLREG ATFM** Regulation Cancellation Message

**CNM** Communication Network Management

**CNMPS** Canadian Minimum Navigation Performance Specification Airspace

**CNOR** Annual Leave (congés normaux)

**CNR** Management of Common Network Resources Service

**CNS** Study Group of the Civil and Military Alternates to the Members of the

Permanent Commission (Study Group of Alternates)

**CNS** Communication, Navigation and Surveillance

**CNS** Continuous

**CNS** Consolidated NOTAM System

**CNS/ATM** Communications, Navigation, Surveillance and Air Traffic Management CNS/ATM-1 Communication, Navigation and Surveillance / Air Traffic Management

Package 1

**CNSFG** CNS Focus Group

**CNSG** as per CNS

**CN-SG** Study Group of Alternates to the Permanent Commission

**CNSP** Consolidated NOTAM System Processor

**CNS-PERF** CNS Performance Monitoring

**CNT** Count

**CO** Central Office

**CO** Connection Mode Service

**CO** Collapsing

**CO** Contracting Officer

**CO** Call Offer

**CO** Connection Oriented

CO/CO2 Carbon Monoxide / Carbon Dioxide
COA Continuing Airworthiness Organization
COBALT Common Objective Alignment Team

**COBIT** Control Objectives for Information and Related Technology

**COBOL** Common Business Oriented Language **COBT** Calculated Off-block Time (CFMU)

**COC** Certificate of Competency

**COC** Combat Operations Centre or Concept



**COCA** Complexity and Capacity Analysis

**COCESNA** Central American Corporation For Air Navigation Service

**COCOMO** Constructive Cost Model

COCOS
 COCR
 COMMUNICATIONS Operating Concept and Requirements
 COD
 Common Medium-term Plan Overview Document

**COD** SSR Code Assignment

**COD** CMTP Overview Document (EUROCONTROL)

**COD** SSR Code Assignment Message

**COD** Cash On Delivery

**CODA** Central Office for Delay Analysis

**CODA** Centre d'Opérations de Défense Aérienne (FR)

**CODASYL** Conference on Data System Languages

**CODEC** Coder/Decorder (ACS)

**CODOI** Centre d'Opérations de la Direction Opérationnelle Intégrée (FR)

**COE** U.S. Army Corps of Engineers

**CoE** Centre of Expertise

COF Change of Frequency (Message)CofA Certificate of Airworthiness

COFA Comando Operacional Força Aérea (PT)
COFAR Common Options for Airport Regions
COFEE Checked Operational Data Feeder
COFF Common Object Format File

**COFLIGHT** French/Italian/Swiss Cooperative Development of a New Flight Data

Processing System

**COFM** Conference Facilities Management System

**COG** Coordination Group (meeting of the EANPG) (ICAO)

**COHO** Coherent Oscillator

**COHOR** Association française des coordonnateurs d'aéroport (FR)

**COI** Coil

**COL** Coastal Line Map

**COL** Coastline

**COLL** Collapse Flight Input

**COLL** Collapse

**COLOC** Change of Location of Command

COLP Connected Line Identification PresentationCOLR Connected Line Identification RestrictionCOM Commercial Other than CAT Communications

**COM** Communication (Equipment) - Flight Plan Item 18 Indicator

COM "Competency" component of the SMS
 COM Aeronautical Telecommunication Service
 COM EUROCONTROL Committee of Management

**COM** Communications (ICAO)

**COM** Data Communication Complex



**COM** (Operational Air Traffic

COM A Standard Length Message (Uplink)
COM B Standard Length Message (Downlink)
COM C Extended Length Message (Uplink)
COM D Extended Length Message (Downlink)

**COM Team** Communications Team

**COM-B** Circulation opérationnelle militaire En-route

**COM-T** Communications Team

**COM/DIV** ICAO Communications Divisional Meeting

**COM/MET** Communications/Meteorology Divisional Meeting

COM/OPS
COMMAL
COMAL
COMALF-E
COMCO
COMECON
CO

**COMG** Communications Group

**COMIL** ATS Coordination Centre for Military Airspace Use (D)

**COMIL-1N** ATS Coordination Centre for Military Airspace Utilization - Phase 1 Network

**COMLAN** Communication Local Area Network

COMLOSS
COMM-A
Uplink SLM Protocol
Downlink SLM Protocol

Comm-B Mode S Downlink Format DF20 or 21

**COMM-C** uplink ELM protocol **COMM-D** Downlink ELM Protocol

**COMNAV** Groupe de travail sur les Télécommunications et les installations de navigation

(FR)

**COMOPS** Computer Operators

**COMOPSAIR** Air Component of the Belgian Armed Forces

COMOS Common Mode S COMP Competency

**COMP** Operating Company

**COMPAS** Computer Oriented Metering Planning and Advisory System

**COMPASS** Proposed New 3-D Chinese Positioning System

**COMSEC** Communications Security **COMT** Communications Team

**COMUTA** Comité des Usagers du Transport Aérien (FR) **COMX** Undefined Future Communication System

**CON** Conversion of National Licenses

**CON** Contract Change Note

CON Connector
CON Console
CONC Concrete



**CONCISE** Cosine Network's Central Information Service for Europe

**CONCOPS** Concept of Operations – Mode-S in Europe

**COND** Condition

**CONDAR** Conflict Detection and Resolution

CONDOR Confidential Direct Occurrence Report

**CONF** 'Conference' Facility Connects Incoming Calls to Any Position

**CONF** Conference Conflict

**CONFACP** Conflict Accept

**CONOPS** Concept of Operations

CONPConnected Name Identification PresentationCONPConnection Oriented Network ProtocolCONSConnection-Oriented Network Service

**CONST** Constructed, Construction

**CONT** Continue Continued

**CONUS** Continental United States

**CONV** Converter COO Coordinator

**CoO** Contract of Objectives

**COOP** Continuity of Operations Plan

**COOPANS** Cooperation Between LFV (SV), Naviair, Irish Aviation Authority and Thales

ATM

**COOPATS** Cooperative Air Traffic Services

COORD Coordinated
COP Coordinated
Changeover Point

**COP** Commission d'Ouverture des Plis (Tenders Board)

**COP** Contingency Operations Plan Coordination Point (SYSCO)

**COP (UNFCCC)** Conference of the Parties (United Nations Framework Convention on Climate

Change)

COPGCOPPCOPPCOPSCommon Operating Procedures GroupConnection Oriented Presentation ProtocolCommon Operational Performance Specification

**COPTRA** Combining Probable Trajectories

**COR** Correct

**COR** Correction Reguest Message

**COR** Correlate

**COR** Correct(ion), Corrected (Meteo Message)

**COR** Correlate(ion)

CORAConflict Resolution AdvisorCORAConflict Resolution AssistantCORAConflict Resolution Assistance



**CORA1** Conflict Resolution Assistant 1

**CORBA** Common Object Request Broker Architecture

**CORC** CEU Ops Room Contingency

**CorC** Computer Language

**CORC** CEU Ops Room Contingency

**CORDIS** Community Research and Development Information Service

**CORE** Controlled Requirements Expression

**CORE**CORFU

CORFU

CORFU

CORE Requirements for ATM Working Positions
Consolidated Representation of Flight in CFMU

**CORINAIR** Core Inventory of Air Emissions COROM Cognitive Competencies Model

**CORP** Corporate Data Model Documentation

**CORP** Private Corporation other than ARINC or MITRE

**CORS** Continually Operating Reference Station

CORUM
CORUM
Training and Human Resources Consultancy Company
CORUS
CORUS II
CORUS UCN

**COS** Chief of Staff

**COS** Computer Operating Station

COS Continuity of Service Cos Cone of Silence

**COSAAC** Common Simulator to Assess ATFM Concepts

**COSAC** Community System for Air Cargo

**COSEP** Cooperative and Delegated Separation Assurance

COSIBA Common Simulation for the Balkans

**COSINE** Cooperation for OSI Networking in Europe COSMO Consortium for Small-Scale Modelling

COSMO-DE COSMO-Modell des DWD für Ausschnitt Deutschland (DE) COSMO-Modell des DWD für Ausschnitt Europa (DE)

**COSO** Committee of Sponsoring Organisations of the Treadway Commission

**COSP** Connection Oriented Session Protocol

COSPACE Concept of Limited Delegation of Separation Assurance to the Cockpit Cospas Cosmicheskaya Sistyema Poiska Avariynich Sudov (RU) (Space System for the

Search of Vessels in Distress)

**COSPAS-SARSAT** COSPAS Search and Rescue Satellite-aided Tracking UK Based Arm of Raytheon, Developing Radar Systems

**COST** (European) Cooperation in the Field of Scientific and Technical Research

**COSU** Core Systems Unit

**COSU** CFMU Operational Systems Unit AIRBUS Training Database

**COT** At the Coast

**COTP** Connection Oriented Transport Protocol



**COTP4** Connection Oriented Transport Protocol

**COTR** Coordination and Transfer

**COTR** Contracting Officer's Technical Representative

**COTR** Commercial Off-the-shelf Condensation Trails

COTRAC
COTS
Common Trajectory Coordination
COTS
Commercial Off-the-shelf (Software)
COTS
Connection-oriented Transport Service
COTS
Connection-mode Transport Service
COUC
Collaboration Users Community
COV
Cover(ing)/Covered e.g. by Snow/Ice

CP Change Proposal
CP CWP Processor Unit
CP Circular Polarization
CP Contact Person
CP Central Processor
CP Current Position

**CP** City Pair

CP Crédits de paiement (FR)
 CP Conflict Probe (PATs)
 CP Connecting Point
 CP Concept Paper

CP2 Common Project Nr 2 (or "Next Common Project")

CP/M Control Program/Monitor
CPA Closest Point of Approach

**CPA** Common Procurement Agreement

**CPA** CFMU Portal Application

**CPASIN** Civil Aviation Packet Switched Network

**CPC** Control and Processing Centre

**CPC** Constant Pitch Climb

**CPC** Certified Professional Controller

**CPCI** Computer Program CI

CPCO Civil Planning Communication Object
CPCP Corrosion Prevention and Control Program
CPCS Consolidated Production Control System
CPCS Certified Professional Controllers (US)
CPD Continuous Professional Development

**CPD** CEATS Strategy, Planning and Development Program

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**CPDLC** Controller - Pilot Data Link Communication

**CPE** Customer Premises Equipment

**CPF** Control Program Facility **CPF** Central Processing Facility

**CPF** Correlated Position Reports for a Flight

**CPF** Plan Forced from RPL File



CPG CESC Preparation Group
CPG Cosine Policy Group
CPG Curtain Path Generator
CPI Computer/Pbx Interface

**CPI** Californian Psychological Inventory

**CPI** Call Priority Interrupt

**CPI** Coherent Processing Interval

CPIC Capital Planning and Investment Control
CPICL Call Priority Interrupt Capability Level
CPIPL Call Priority Interrupt Protection Level

**CPL** Current Plan

CPL Customer Priority Listing (NOG)
CPL Commercial Pilot's License

**CPL** Current Flight Plan (Message Type Designator) **CPLDC** Controller-Pilot Data Link Communications

**CPM** Correlated Position Message

**CPM** Critical Path Method

**CPMIS** Consolidated Personnel Management Information System

CPMO CEATS Programme Management Office
CPMU Cosine Project Management Unit
CPN Customer Premises Network

**CPO** Cosine Project Officer

**CPO** Commission consultative paritaire ouvrière(FR)

**CPPB** CEATS Planning and Pre-validation Body

**CPR** Compact Position Reporting **CPR** Correlated Position Report

**CPR** Conflict Prediction and Resolution

**CPRC** Competency Process Review Committee **CPRP** Comité de pilotage de la région parisienne(FR)

CPS Concert Packet Service
CPS Customer Packet Service

**CPS** Central Print Service (ODS); Central Processing System

CPS Characters per SecondCPS Central Processing System

CPS Central Print Server
CPSR Code (and) Plan Server

**CPT** Cockpit

**CPU** Central Processor Unit CPU Central Processing Unit

CPV Common Procurement Vocabulary
CPWG Contingency Plan Working Group

**CPWS** Cooperative Pedestrian Warning System

**CPY** Copy

**CQF** Coverage Quality Factor



**CR** Call Reference

**CR** Croatia (Country Identifier)

CR Call Related
CR Central Region
CR Carriage Return

**CR** Common Requirement

**CR** Committed Rate

**CR** Course to a VOR Radial

**CR** Contract Regulations of the EUROCONTROL Organization

**CR** Change Request

**CR(A)OC** Central Region (Air) Operations Centre

**CR/LF** Carriage Return, Line Feed

**CR/SCRR/CIS** Directorate Central Route Charges Office and Finance/Central

Route Charges Office/CRCO Information Services Unit - CR/CRCO/CIS

**CRA** Cross Reference Area

**CRA** Conflict Resolution Advisory

**CRAF** Central Reservation Airspace Facility **CRAF** Computer Resolution Advisory Function

**CRAF** Civil Reserve Air Fleet

**CRAFS** Civilian Reguest for Airspace and Flight Data System

**CRAM** Conditional Route Availability Message

**CRAMI** Centro de Retransmisión Automática de Mensajes Integrado (ES) (Automatic

Messages Retransmission Integrated Center)

**CRATF** Communications Requirements Analysis Task Force

CRC Control and Reporting Centre
CRC Cyclic Redundancy Check
CRC Coordinating Research Council
CRCO Central Route Charges Office

**CRCO/CAT** Collecting, Accounting and Treasury Division of the Central Roue Charges

Office

**CRD** Common Response Document

**CRD** Conflict Risk Display

**CRDA** Converging Runway Display Aid

**CRDA** Cooperative Research and Development Agreement

**CRDS** Color Raster Scan Display

CRDS Centre of Research, Development and Simulation
CRDS Ceats Research, Development and Simulation Centre

**CRE** Class Rating Examiner

**CRED** Redeployment

**CREDOS** Crosswind Reduced Separations for Departure Operations

**CREME** Creating the EATCHIP Management Environment (EATCHIP Adaptation)

**CRF** Central Repair Facility **CRI** Certification Review Item

**CRI** Critical Event



**CRIDA** Centro de referencia de investigación, desarrollo e innovación ATM (FR) **CRISTAL** Cooperative Validation of Surveillance Techniques and Applications Co-operative Validation of Surveillance Techniques and Applications of **CRISTALS** 

Package 1

Cockpit/Crew Resource Management **CRM** 

Coordination Revision Message **CRM** 

Collision Risk Modelling **CRM** 

**CRM** Customer Relationship Management

Crew Resource Management **CRM** 

Central RADNET Monitoring and Control System **CRMCS** Customer Relationship Management Extension **CRME** Centre Régional de la Navigation Aérienne (FR) **CRNA** 

Course Reservation Office **CRO** 

**CROBOCOM** Cross Border Communications Task Force **CRPA** Controlled Radiation Pattern Antenna

**CRS** Certificate of Release to Service **CRS** Central Receiving Station Contingency Routing System **CRS CRS** Computerized Reservation System

**CRS** Controller Route Sequence

**CRSTMP** ATC Capacity/Routings/Staffing/Equipment/Airspace Management/Special

**Events** 

**CRT** Comment-Response Tool

**CRT** Cathode Ray Tube **CRT** Choice Reaction Time

Civil Radar Window Communication Object **CRWCO** 

**CRZ** Cruise

**GALILEO Commercial Service** CS

CS Collapsed Sector

Certification Specification (EASA) CS Callsign or Contract Signature CS

Cs Cirrostratus

CS Centre Supervisor

CS Community Specification

CS Control Segment CS Circuit Switch

CS Cesium

CS Communication System

CS Czechoslovakia CS **Carrier Sense** 

CS or C/S Callsign

**CS-ACELP** Conjugate Structure - Algebraic Code Excited Linear Prediction

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Certification Specification - Engines (EASA) CS-E

Cooperative Separation Assurance **CSA** 



**CSA** Comparative Safety Assessment CSA Configuration Status Accounting

CSA Clear Acquisition
CSA CFMU Self-assessment
CSA Central Service Area

**CSA** Communications Service Authorization

**CSAC** Cooperative Structural Airspace Concept (ICAO)

**CSAIO** Conference of Staff Associations of International Organisation

CSAM
CASP
COmbined Services Access Point
CASP
COMMON Services Access Point
CSAR
CFMU System Anomaly Report

**CSB** Carrier Plus Sideband

**CSBT** Coordinated Shared Business Trajectory **CSC** Communication Services Component

CSC Common Signaling Channel
CSC Computer Sciences Corporation
CSC Customer Support Centre
CSC CEATS Steering Committee
CSC Computer Software Component

**CSC** Central Service Center

**CSCA** Country Signing Certificate Authority

**CSCE** Conférence sur la Sécurité et la Coopération en Europe (Conference on

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Security and Cooperation in Europe (CSCE))

CSCI Computer Software Configuration Item
CSCM Central System Control and Monitoring
CSCW Computer Supported Cooperative Work
CSD Context Specification Document (EATMS)
CSD Concept and System Domain (EATMS)

CSD Context and Scope Document
CSDC Circuit Switched Digital Capability
CSDN Circuit Switched Digital Network
CSDT Context and System Domain Team

**CSDT** Concept and Systems Development Team

**CSDW** Death Wife During Maternity **CSEL** Combat Survivor Evader Locator

**CSET** Customization SET **CSF** Critical Success Factor

CSFR Czech and Slovak Federal Republic
CSG CFMU System Working Group
CSI Commercial System Integrators
CSI Combined Safety Investigation
CSI Critical Success Indicator



**CSI** Computer Supported Instruction **CSIC** Master Station (GLONASS)

**CSIS** Centralized Storm Information System

**CSM** Communications and Surveillance Management

**CSM** Central Service Modules

**CSM BD** Communication and Surveillance Management Business Division

**CSMA** Carrier Sense Multiple Access

**CSMA/CD** Carrier Sense Multiple Access, Collision Detection

**CSMC** Call Sign Management Cell

**CSMC** Cyber Security Management Center

**CSMU** Call Sign Management Cell CSN Channel Sequence Number

**CSO** Customer Technical Service Desk and Operations

CSO Customer Service Office CSP Cross System Product

**CSP** Communications Systems and Programs

**CSP** Communication Service Provider CSPA Closely Spaced Parallel Approach

**CSPD Unit** CEATS Strategy, Planning and Development Unit CSPDU CEATS Strategic Planning and Development Unit

**CSPE** Special Awaiting Decision CSPEC Control Specification

**CSPR** Closely Spaced Parallel Runway Operations

**CSR** Corporate Social Responsibility **CSR** Common Software Repository

**CSR** Customer Service Requests (Database for DPN Operators)

**CSR** Cursor

**CSR** Communications Service Request

**CSRC** Contents Source Identifiers

CSS Call Sign Similarity
CSS Call Sign Similarity

CSS Centralized Structure Store
CSS Central Supervisory Section
Customer Satisfaction Survey

**CSS** Central Site System

**CSS UG** Call Sign Similarity User Group **CSSG** CFMU Safety Steering Group

CSSR Conventional SSR Call Sign Similarity Tool

**CSSUG** Call Sign Similarity Users Group

CST Calculated Start-up Time
CST Controller Support Tools
CST Central Standard Time
CST Cyclic Search Table



**CST** Common Supervisory Team

**CSTA** Chief Scientist and Technical Advisor

**CSTR** Constraint Maps

**CSTU** Currently Signed on Terminal User

**CSTWRK** Cost Work

CSU Computer Software Unit
CSU Channel Service Unit
CSU Control Sector Unit
CSU Constant Speed Unit
CSU-P Centre Supervisor

**CSUG** Callsign Similarity Users Group

**CSUP** Centre Supervisor

**CSV** Comma Separated Values

**CSV** Central Services (Unit), Maastricht **CSW** Customized Sliding Window

**CSW** Channel Status Word

**CT** Cooperative Tools

CT Call Transfer
CT Certification
CT Communication
CT Control Tower
CT Core Tasks
CT Centre (Select)
CT Core Team

CT1 Radar Window Centre 1

CT1 Offline Predefined Radar Window Centre Point [1]

CT1 Centre Definition1

CT2 User Defined Radar Window Centre Point [2]

CT2 Radar Window Centre 2
CT2 Centre Definition 2
CTA Cognitive Task Analysis
CTA Controlled Time of Arrival

CTA Contingency TACT System in IFPU2

**CTA** Control Area

CTA Calculated Time of Arrival

CTA Control Time of Arrival (when in AMAN Horizon)

CTA-SME Concerted Technology Access for SMEs
CTAF Common Traffic Advisory Frequency
CTA/FIR Control Area/Flight Information Region

**CTAM** Climb to and Maintain

CTAS Center TRACON Automation System
CTB Common Track Block (Radar Programs)

CTB Cooperative Tube Based CTC Channel to Channel



**CTC** Common Trajectory Coordination

CTC Cancel All Contracts and Terminate Connection Request (ICAO)

**CTC** Coast Time Counter

**CTC** Contact

CTCA Channel to Channel Adapter
CTCT CFMU Test Coordination Team
CTD Calculated Time of Departure

CTD Cancellation Message of Revised ETD

**CTD** Cell Transfer Delay

CTDL Complementary Diode Logic
CTE Calculated Time of Entry
CTF Communication Task Force
CTFM Current Tactical Flight Model

CTG Challenges to Growth
CTG Common Training Group

CTI Computer Telephone Integration
CTI Collegiate Training Initiative

**CTL** Control

CTL Certification Team Leader
CTM Cordless Terminal Mobility

CTMA Center Traffic Management Advisor
CTMC Continuous Time Markov Chain Models
CTMO Central Traffic Management Organization

**CTN** Caution

**CTN** Corporate Telecommunication Network

**CTO** Calculated Time Over

CTO Controlled Time Over/Overfly CTO Controlled Times of Overfly

**CTOP** Collaborative Trajectory Options Program

CTOT Calculated Take-off Time
CTP Conventional Terrestrial Pole
CTP Comité technique paritaire(FR)

**CTP** Control Transfer Point

**CTR** Control Zone

CTR Controlled Traffic Region
CTR Controller or Control Zone
CTR Current Transfer Ratio
CTR Controller (Identity)

CTR Control CTRL Control

**CTRS** Common Time Reference System (ODS)

CTS Command and Tracking Stations
CTS Contractual Technical Specification



**CTS** Central Time Source

CTS Clear to Send

**CTS** Conformance Test Suite

**CTWUEC** Committee of Transport Workers' Unions in the European Community

**CTX** Calculated Time of Exit

CuCumulusCUCoupling UnitCUControl Unit

CUA Common User Access
CUA Common User Access

**CUAC** Central European Air Traffic Services (CEATS) Upper Area Control Centre

**CUCDB** CFMU User Configuration Database

**CUD** Common Unix Development Working Group

**CUF** Cumuliform

**CUG** Closed User Group

**CUMA** Civil Use of Military Aerodromes

**CUMATF** Civil-Military Use of Military Aerodromes Task Force

**CUP** Computer Utility Program CWP-unit Processor

CUPPS Common-use Passenger Processing System
CUPS Consolidated Uniform Payroll System

**CUPS** Control Unit Power Sequence

**CUR** Current Sector or Centre or Controller

**CURA** Civil Use of Released Airspace

**CURE** Cure

CURTS Current Track Segment Common-use Self-service

**CUST** Customs

CUT Coding and Unit Testing
CUT Control Unit Terminal

CV Central Version
CV Curriculum Vitae

**CVFR** Controlled Visual Flight Rules

CVO Code Validity Overlap
CVR Cockpit Voice Recorder
CVR Crisis Vital Records
CVR Console Voice Recorder
CVS Combined Vision System

CVSD Continuous Variable Slope Delta Modulation
CVSM Conventional Vertical Separation Minima
CVTS Compressed Video Transmission Service

CW Clockwise
CW Call Waiting
CW Continuous Wave



**CWAAS** Canadian WAAS

**CWAR** Continuous Wave Acquisition Radar

**CWBS** Contract/Complete Work Breakdown Structure

**CWBT** Computer/Web-based Training

**CWDPS** Central Weather Data Processing System **CWIR** CFMU Generated What-if Re-routing

CWO
 CWP
 COntract Weather Observer
 Controller Working Position
 Central Weather Processor
 CWP
 Corporate Work Plan

**CWPO** CEATS Work Program Office

**CWRS** Canadian Wide Area Reference Stations

CWS Collaborative Workstation
CWS Collision Warning System
CWSU Central Weather Service Unit

**CWT** Channel Wrap Test

**CWY** Clearway

**CY** Cyprus (ISO Country Code)

**CY** Capacity

**CYPRO**Cyprus Project for ATC Improvements
CYTA
Cyprus Telecommunications Authority

**CZ** Czech Republic (ISO Country Code)

CZM Conventional Zero Meridian
CZY Eastern Canadian Centers
CZW Conflict Zoom Window

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## 2.5. Letter - D

D	Danger Area

D Day

Germany (Deutschland) D

Downward D Display D Distance D

D&A Detect and Avoid D&D Distress and Diversion

Danger, Restricted and Prohibited Areas D, R, P Areas **D-AIM** Digital Aeronautical Information Management

Data-link, Digital - Automatic Terminal Information Service **D-ATIS** 

**D-ATSU** Downstream Air Traffic Service Unit **D-BIN** Down-link Broadcast Identifier Number

**D-FLUP** Data-link Flight Update Service

Development Gate **D-Gate** 

**D-GPS** Differential Global Positioning System (ICAO - ADS)

Digital NOTAM **D-NOTAM** 

Data-link Operational Flight Information Service **D-OFIS** Data-link Operational Terminal Information Service **D-OTIS** 

Deployable Radar Approach Control **D-RAPCON** Data-link Runway Visual Range **D-RVR** 

Digital Significant Meteorological Information **D-SIGMET** 

Data-link Taxi Support **D-TAXI** 

**D-TAXI** Data-link Taxi Clearance Delivery Prefix to Danger Area Identifier D... Direct Current/Device Control d.c. D.O.T Department of Transport

D/A Digital-to-analog

D/CFMU Director Central Flow Management Unit (NB- No longer valid; replaced by

DNM)

D/CMAC & SESI Director Civil-Military ATM Coordination and SES Implementation

D/CND Director Cooperative Network Design Director Central Route Charges Office D/CRCO

D/EEC: D/CEE Director EUROCONTROL Experimental Centre

D/L Data Link

D/R Danger/Restricted Area

Pulse D1 (SSR Reply) **D1** 

**D4 SESAR** Fourth SESAR Milestone Deliverable of the Definition Stage

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64kbps Digital Leased Line with Octet Integrity **D64U** Differentially Encoded 8-phase Shift Keying D8PSK

Position Identification Area DA

Decision Altitude DA DA Default Addresses



**DA** Descent Advisor

**DA** (Fully) Dynamic and Optimized Airspace

DA Data Acquisition
DA Data Authority
DA Direct Access
DA Decision Attitude
DA Danger Area

**DA** Decision Altitude/Decision Height

DA Descent Adviser
DA Disc Assembly
DA Destination Address
DA Due for Activation
DA Designated Authority
DA Data Administration
DA Dimensional Aspect

**DA** Direct Access

**DA/H** Decision Altitude/Height

**DAA** Detect And Avoid

DAADynamic Airspace AllocationDAAData Access Arrangement

**DAARWIN** Distributed ATM Architecture Based on RNAV, Workstations, Intelligent

Tools, and Networks

**DAAS** Dependable Approach to ATM Systems

**DAB** Digital Audio Broadcast

**DABS** Discrete Address Beacon System (Forerunner of Mode-S, USA)

**DABBS** DITCO Automated Bulletin Board System

DACDelta Assistant ControllerDACDirection Aviation Civile

DAC
Dynamic Air Traffic Control Test
DAC
Dual Attached Concentrator
Deployable ACCS Component

**DACON** Data Concentrating Device, (ADMAR)

**DACOTA** Dispositif d'association de corrélation et de traitement radar pour les

approaches (FR)

DACSDigital Access and Cross connect SystemDACSDigital Aeronautical Chart Supplement

**DACU**Dissimilar Air Combat Training
Device Attachment Control Unit

**DADI**Datalink of Aircraft Derived Information
Digital Aeronautical Database System

**DAF**Demand Adjustment Factor
DAF
Data Analysis Facility (Software)

**DAFIF** Digital Aeronautical Flight Information File

**DAFIS** Departmental Accounting and Financial Information System



**DAG** Directed Acyclic Graph

**DAG-TM** Distributed Air Ground Traffic Management

**DAI** Development and Integration

**DAI** Direct Access Intercom

DAIDirect Access Intercom (VCS)DAIData Acquisition Interface

**DAIO** Departures, Arrivals, Internals and Overflights

DAIR Direct Altitude and Identity ReadoutDAISY Distributed Airport Information System

**DAIW** Danger Area Altitude Warning (or Area Proximity Warning)

**DAKOS** Daten Kommunikationssystem (DE)

**DAKOS/CBN** DAKOS Common Backbone Network (DE)

DAL
 DALR
 Digital Audio Legal Record
 DAM
 Direct Access Method
 DAM
 Data Administration Manual

**DAMA** Demand Assignment Multiple Access

**DANCE** Data Analysis Centre

**DANSAP** Data for ANS Performance Reporting

**DAP** Directorate ATM Programs (Direction Programs ATM)

DAP
 DAP
 Directorate of Airspace Policy
 DAP
 Directory Access Protocol
 DAP
 Device Access Package

**DAP**EATM Directorate ATM Programs (EUROCONTROL) **DAP/SAF**EUROCONTROL Safety Enhancement Business Division

DAP/SPR DAP/Sector Productivity
DAPs Downlink Aircraft Parameters

**DAR** Digital ACMS Recorder

DARDesignated Agency RepresentativeDARCDirect Access Radar Channel

**DARGNE** Study Group on Designators for ATS Routes, Geographical Points and

Navigation Elements (ICAO)

**DARP** Dynamic Aircraft Re-route Planning

**DARTS** Decision Aid for Real-time Synchronization

DAS
 DAS
 DME Based Azimuth System
 DAS
 Data Analysis Station (ARTAS)
 DAS
 Directorate ATM Strategies

**DAS** Dual Attachment (or Attached) Station (ODS - FDDI)

**DAS** Data Facility Station (Hardware)

DAS Dual-Attachment System (in Optical Fibre Lan Rings)
DAS/AFN DAS/Airspace Flow Management and Navigation

**DAS/ATS** DAS/Air Traffic Services



DAS/CSM DAS/Communication and Surveillance Management **EUROCONTROL EATM Human Factors Domain** DAS/HUM

**DASA** Deutsche Aerospace (DE)

Deutsche Aerospace (DE) Dasa

Digital Avionic Systems Conference **DASC** 

Direct Access Storage Device **DASD** Digital Altimeter Setting Indicator DASI **DASR** Department of ATC Systems Research **DASR** Digital Airport Surveillance Radar Defensive Aids Sub System (A 400M) **DASS** Direct Access Secondary Storage **DASS** 

Digital Audio Tape DAT

Data Link **DAT** 

**DAT** Differential Aptitude Test **DAT Dynamic Address Translation** 

Madap Message **DATA** 

Datalink and Transponder Analysis System **DATAS** 

**Duty Air Traffic Control Officer DATCO DATM** Digital Air Traffic Management

Digital Air Traffic Management Directorate **DATM** 

Danish Air Traffic Management Automated System **DATMAS** 

Delegation of ATS Task Force (ANT) **DATS TF** 

Data Valid **DAV** 

Departure and Arrival Integrated Management System for Cooperative **DAVINCI** 

Improvement of Airport Traffic Flow

Daytime, Daylight (Operations) DAY

DB Database dB Decibel

Decibels (Hearing Loss) dB(HL) Decibels A-Weighted dBA Database Administration **DBA DBC** Data Bank COMECON

Defense Base Closure and Realignment Commission **DBCRC** 

Database Design Aid **DBDA DBE** Data Bank EUROCONTROL

**DBE** Disadvantaged Business Enterprise

dBi Decibel with Respect to an Isotropic Antenna

**DBM** Databank Moscow

Decibel, Referenced to 1 Milliwatt dBm

**DBMS** Database/Data Bank Management System

**DBMS** Database Management System Deutsche Bundespost (Telecom) (DE) **DBP DBP** Database EUROCONTROL Point

**DBRITE** Digital Bright Radar Indicator Tower Equipment



DBS	Data Base System
DBU	Data Buffer Unit
1-1-	- "

**dBW** Decibel, Referenced to 1 Watt **dBZ** Decibel, Units of Reflectivity

DC Diagnostic Code
DC Direct Current
DC District of Columbia
DC Disconnect Confirm
DC Device Control

**DC** Departure Clearance (ICAO)

DC Display Controller
DC Device Coordinates

**DC** Software Development Section

DC Delete and Cancel Device Control 4 (Stop)

**DCA** Data Communications/ADMAR (MAS Maint. Team)

**DCA** Data Communication Architecture

**DCA** Lietuvos Respublikos Civilines Aviacijos Direkcija (LT) (Lithuanian State

Enterprise)

DCADCADirector(ate) of Civil AviationDCADocument Content Architecture

**DCA** Department of Civil Aviation (Various Countries)

**DCA** Digital Communications Associates

**DCA** Director of Civil Aviation

DCADefense Communications AgencyDCAADual Call, Automatic Answer DeviceDCACDepartment of Civil Aviation of CyprusDCAMDepartment Civil Aviation of Malta

**DCAN** Data Collector/Area Navigation Computer

**DCAS** Death of Ascendant

DCB Demand Capacity Balancing
DCC Detection and Control Centre
Digital Compact Cassette

**DCC** Data Country Code (CCITT X.121 Structure) **DCC** Détachement Civil de Coordination (FR)

**DCC** Delta Coordinating Controller

**DCC** (FAA Air Traffic) Control System Command Center

**DCC** Direct Channel Complex

**DCCB** Development Change Control Board

**DCCM** Database Completeness and Coherence Messages

**DCCO** Death of Spouse

**DCCU**Datagram Congestion Control Protocol
Data Communications Control Unit



**DCCVC** Direct Controller-Controller Voice Communication

DCD Double Channel Duplex DCD Data Carrier Detect

**dCDB** Dynamic Demand and Capacity Balancing (SESAR)

DCDU
 DCE
 Datalink Control and Display Unit
 Data Communications Equipment
 DCE
 Distributed Computing Environment
 DCE
 Data Circuit-terminating Equipment

**DCEC** Death Child of Cohabiter

**DCEN** Death of Child

**DCF** Discounted Cash Flow

**DCF** Director CF

**DCF77** German Time Standard, Digital Clock Function Emitting on 77.5 kHz with

Callsign DCF

**DCFEP** Data Communications Front End Processor

**DCH** Deco Coastal High

**DCIA** Dependent Converging Instrument Approach

**DCKG** Docking

DCL Departure Clearance
DCL Deco Coastal Low

**DCL/D-ATIS**Departure Clearance / Datalink Automatic Terminal Information Service

**DCM** Downstream Clearance Message (Service)

**DCM** Departure Clearance

**DCM** Decomposition and Consolidation Matrix

**DCM** Display Control Module

**DCM** Document Configuration Management

**DCND** Directorate of Cooperative Network Design

DCOSDeputy Chief of StaffDCPDisplay Control PanelDCPDatum Crossing Point

**DCPC** Direct Controller Pilot Communications

**DCPN** Dynamically Colored Petri Net **DCPs** Dedicated Personal Computers

DCRDisplay Control ReadoutDCRDesign Certification ReviewDCRData Communication Review

**DCRCO** Director Central Route Charges Office

**DCS** Double Channel Simplex



**DCS** Data Collection Service

**DCs** Design Classes

**DCS** Departure Control System

**DCS** Direction du contrôle de la sécurité(FR)

DCSData Communications SystemDCSDigital Communication System

**DCS/TELE-INFRA** Data Communication Service/Telecommunication Infrastructure

**DCT** Direct (Flight Plan Clearances and Approach)

**DCT** Direct Routing

**DCT-LB** Direct Telephone - Local Battery

**DCTS** Digital Communications Terminal System

**DCU** Display Control Unit DCW Digital Chart of the World

**DCW-DEM** Digital Chart of the World / Digital Elevation Model

**DD** Detailed Design

DD/RDDADetailed Design ReviewDownstream Data AuthorityDDADedicated Digital Access

DDAPDDASDDBDeputy Director ATM StrategiesDynamic Databank/Database

DDC Direct Digital Control Data Display Console

**dDCB** Dynamic Demand Capacity Balancing

**DDCMP** Digital Data Communication Message Protocol

DDD Detailed Design DocumentDDD Direct Distance DialingDDE Data Dictionary Entry

**DDE** Direction départementale de l'équipement (FR)

**DDE** Dynamic Data Exchange

**DDECMA** Director DECMA DDH Deco Delta High

**DDI** Domain Defined Attribute

**DDI** Direct Dialing In

**DDI-F** Delay Difference Indicator - Flight

**DDL** Data Description Language

**DDL** Deco Delta Low

**DDM** Daemon Data Manager

**DDM** Distributed Data Management

**DDM** Depth of Modulation DDM Data Display Monitor

DDMS Difference in Depth of Modulation
DDMS Digital Data Maintenance System
DDNM directeur de la DNM (Director NMD)



**DDP** Declaration of Design Performance

Distributed Data Processing **DDP DDP** Domain Defined Protocol Dynamic Device Reconnect **DDR** 

Downlink Data Rate **DDR DDR** Demand Data Repository

(ETFMS) Data Distribution System **DDS** 

**DDS** Digital Data Storage **DDS** Document Delivery System Data Distribution Service **DDS** 

Data-phone Digital Service **DDS** Digital Data Service

Data-phone Digital Service with Secondary Channel **DDS-SC** 

**DDSS** Digital Data Set Series

**DDT** Dichloro-diphenyl-trichloroethane

Display Drive Unit **DDU** 

Germany (ISO Country Code) DE

Derived Event DE Discard Eligibility DE

DE Descend

**DDS** 

DBE Effort Accounting (System) **DEA DEA** Data Exchange Agreement Drug Enforcement Agency **DEA DEBI** Data Exchange by Internet

**Debrief** Debriefing

Declaration; Declared DEC Delta Executive Controller **DEC DEC** Digital Equipment Corporation

Dec December

DFS/EUROCONTROL Common ATC Development **DECADE** 

**DECCA DECCA Navigational Facility** 

**DECCA** Decca Navigator System (Hyperbolic Low Frequency Radio Navigation

System)

**DECEA** Departamento de Controle do Espaço Aéreo (Brazil)

**DECLARE** Web-based Application to Manage Submission and Reporting on ETS

Monitoring, Reporting and Verification (EU) Directorate European Civil-Military Aviation **DECMA** 

Directorate European Civil-Military Aviation/Aviation Intelligence & **DECMA/AIU** 

Performance Review Unit

Directorate European Civil-Military Aviation/Aviation Intelligence & **DECMA/AIU/BIS** 

Performance Review Unit/Business Intelligence and Statistics Unit

Directorate European Civil-Military Aviation/Civil-Military Coordination **DECMA/CMC** 

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Division

Directorate European Civil-Military Aviation/Environment Unit **DECMA/ENV** 



**DECMA/INO** Directorate European Civil-Military Aviation/Innovation Division

**DECMA/OFF** Directorate European Civil-Military Aviation/Director and the Office of the

Director

**DECMA/PCS** Directorate European Civil-Military Aviation/Plans, Cooperation and

Stakeholder Support Division

**DECMA/SLO**Directorate European Civil-Military Aviation/States' Liaison Office

**DECNET**Digital Equipment Network
DECO
Delta and Coastal Sectors

**DECOS**Dependable Embedded Components and Systems
Digital European Cordless Telecommunications

**DECT** Digital Enhanced Cordless Telephone/Telecommunications

**DED** Director EATCHIP Development (in the Former Agency Structure)

**DED** Directorate of EATCHIP Development

**DEDS** Data Entry and Display System

**DEE** Data Entry Equipment

**DEEC** Director of the EUROCONTROL Experimental Centre

**DEF** Definition

**DEFAMM** Demonstration Facilities for Airport Movement Management

**DEFLT** Default (N-FDPS)

**DEG** Degrees

DEGDegDegrees (Radar Standard)DEGSDegraded Systems Capability

**DEI** Directorate EATCHIP Implementation (in the Former Agency Structure)

**DEIS** Draft Environmental Impact Statement

**DEL** Deliverable

**DEL** Data Extraction List

**DEL** Delete Deliverable

**DELM** Downlink Extended Length Message

**Delta** (Greek Letter, Upper Case) Symbol for Difference/Increment

**DEM** German Marks

**DEM** Digital Elevation Model

**DEMETER** DME Metering (Analysis Tool for DME Coverage)

**DEMETER** Distance Measuring Equipment Tracer

**Demo** Demonstration

**DENEB**Fog Dispersal Operations**DEP**(Aerodrome of) Departure**DEP**Departure Message/List

**DEP** Departure Message Type Designator

**DEP TC** Departure Tactical Controller

**DEP-VKL** Departure Controller **DEPA** Departure Airfield

**DEPCOS** Departure Coordination System



**DEPT** Department **DEQ** DE-queue

**DER** Departure End of the Runway

**DERA** Defense Evaluation and Research Agency DERD Darstellung Extrahierter Radar Daten (DE)

**DERD-X**Display of Extracted Radar Data - Extension (Mini Computer)
DERD-X/XL
Display of Extracted Radar Data - Expanded/Expanded with LAN

DES
 DES
 DES
 Data Exchange System
 Data Encryption Standard
 DES
 Descend, Descending to

**DES** Draft EUROCONTROL Standard Document

**DESC** Descend Descending

**DEST** Airport of Destination

**DEST** Destination (Aerodrome of) (Flight Plan Item 18 Indicator)

**DESV** Deferred Environment Server DETF Data Exchange Test Facility

**DETR** Department of the Environment, Transport and the Regions

**DETRESFA** Code Word Used to Designate Distress Phase

**DEV**Domain Executive View**DEV**Development System**DEV**Deviation (Magnetic)**DEVD**Development Division

**DEVD** CFMU Development Division

**DEVD-DE** CFMU Development Environment Team

**DEW** Distant Early Warning

**DEWIZ** Distance Early Warning Identification Zone

**DF** Finance Directorate

**DF** Direction Finding or Display Field

DF
DF
DF
Downlink Format
DF
Direct to a Fix
DF
Display Filter
DF
Director Finance

DF/FIM Financial Management Unit
DF/MIS Management Information Services
DF00 Downlink Format 00 (Short TCAS Reply)

**DF04**Downlink Format 04 (Mode-S Selective Surveillance Reply with Altitude)
DF05
Downlink Format 05 (Mode-S Selective Surveillance Reply with 3/A Identity)

**DF11** Downlink Format 11 (= All-call reply or TCAS Squitter)

**DF16** Downlink Format 16 DF17 Downlink Format 17



**DF18** Downlink Format 18 (= 'Non-Transponder' Extended Squitter)

**DF19** Downlink Format 19

**DF20** Downlink Format 04 (= Mode-S Selective Surveillance Reply with Altitude

and Data)

Downlink Format 04 (= Mode-S Selective Surveillance Reply with 3/A Identity **DF21** 

and Data)

Digital Facsimile **DFAX DfC** Direction for Change **DFD** Data Flow Diagram

Digital Flight Data Acquisition Unit **DFDAU** 

Digital Flight Data Recorder **DFDR** 

Deco Flevo High **DFH** 

**Direction Finding Indicator DFI** 

**DFID** Department for International Development

**DFIS** Data Link Flight Information Service

Division Flight Level **DFL** Dynamic Flight Leg **DFL** Daily Flight Log **DFL** 

**DFM** Departure Flow Management Dual-frequency, Multi-constellation DFMC

**DFMC GBAS** Dual-frequency Multi-constellation Ground-based Augmentation System

**DFS** Deutsche Flugsicherung GmbH (DE) **Detailed Functional Specification DFS DFSV** Deutscher Freiballonsport Verband (DE)

Deutsche Flugsicherung (DE) Control Centre Upper Maastricht **DFS-CCUM** 

Discrete Frequency Transmitter **DFT** Distance from Threshold Indicator **DFTI DFTI** Distance from Touchdown Indicator

**DFU** Data File Utility

Deutsche Forschungs- und Versuchsanstalt für Luft- und Raumfahrt (DE) **DFVLR** 

Datagram (OSI C-less Transport Protocol) DG

Degree Dg

DG Director General DG Drafting Group DG Directional Gyro

**DG CLIMA** Directorate-General for Climate Action

EC Directorate-General for Communications Networks, Content & **DG CONNECT** 

**Technology** 

European Commission Directorate-General Environment **DG ENV** 

Directorate-General for Mobility and Transport **DG MOVE DG TREN** Directorate-General (for) Energy and Transport Agency Safety Regulatory Oversight Unit **DG/ASRO** 

Cabinet of the Director General DG/CAB

International Coordination and Stakeholders' Relations Unit DG/CAB/ICS



**DG/CBP** Corporate Business Planning and Monitoring Unit

**DG/CBP/PM** Corporate Business Planning and Performance Monitoring

**DG/CBP/QRM** Quality and Risk Management

**DG/CEA** Corporate Communications and External Affairs **DG/CEA/OCCS** Online Corporate Communication Support Unit

**DG/COM** Office of the Director General/Corporate Communications Service

**DG-ENV** European Commission Directorate-General Environment

**DG-GNSSTF** Drafting Group of the Task Force on the Allocation of GNSS Costs

**DG/IA** Internal Audit Unit

**DG/JUR** Office of the Director General/Legal Service **DG/LING** Office of the Director General/Language Service

**DG/MIL** Military Unit (EUROCONTROL)

**DG/OFF** Director General Office

**DG/PO** Private Office of the Director General

**DG/PRU** Performance Review Unit

**DG/RU** Regulatory Unit

**DG/SEC** Office of the Director General/Central Secretariat Service

**DG/SRU** Safety Regulation Unit **DG8** Drafting Group 8

**DGAC** Direction Générale de l'Aviation Civile (FR)

**DGCA** Director General of Civil Aviation **DGE** Director General EUROCONTROL

**DGINT** Special Meeting at Directors General Level on Integration Issues

DGIWG
 Defense Geospatial Information Working Group
 DGLR
 Deutsche Gesellschaft für Luft- und Raumfahrt (DE)
 DGNSS
 Differential Global Navigation Satellite System

**DGOF** Office of the Director General

**DGON** Deutsche Gesellschaft für Ortung und Navigation (DE) (German Institute for

Navigation)

**DGP** Dangerous Goods Panel (ICAO)

**DGPS** Differential GPS

**DGPS** Differential Global Positioning Satellite (System)

**DGS** Directorate of the General Secretariat

**DGS** Docking Guidance System

**DGs** Dangerous Goods

**DGS/EPR** External and Public Relations

**DGTA** Direction Générale du Transport Aérien (FR)

**DGVII** Directorate-General of Transport (European Commission)

**DGW** Data Communication Gateway

**DH** Decision Height

**DHA/ALDA**Directorate Human Resources and Administration
Agency Library Documentation and Archives

**DHA/GS** General Services



DHA/HUM **Human Resources** Legal Service DHA/JUR **DHA/LING** Language Service **Mediation Service** DHA/M Office of the Director **DHA/OF** Social Dialogue Office DHA/SD Central Secretariat **DHA/SEC** DHA/W Welfare Service

DHC
 DHCF
 Distributed Host Command Facility
 DHCP
 Dynamic Host Configuration Protocol
 DHE
 Delta High Executive Controller

**DHI** Deutsches Hydrographisches Institut, Hamburg (DE)

**DCM** Digital Height Model

**DHMI** Devlet Hava Meydanlari Isletmesi (Turkey) (State Agency for Airports and Air

Traffic Control)

**DHP** Direct Host Processor

**DHR** Directorate Human Resources

**DHS** Department of Homeland Security (US)

DHT Data Handling Tools
DI Designator Identifier

**Di** Detectability

**DIA** Data Information Analysis Business Division

DIA Data Information and Analysis
DIA Denver International Airport

**DIADAM** Distributed ATM Data Management

**diag** Diagnostic

**DIAL** Dialogue Console

**DIANA**Documento del Impacto de la Armonización / Integración de la Navegación

Aérea en Europa (ES)

**DIANE**Direct Information Access Network for Europe
DIANS
Director Institute of Air Navigation Services

**DIB** Directory Information Base

DICEDirect Course ErrorDIDDirect Inward DialingDIDDirect Identification DataDIDData Item Description

**DIF** Diffuse

**DIGEST** Digital Exchange Standards

**DIGIT** (European Commission) Directorate General for Informatics

**DIGITS** Demonstration of ATM Improvements Generated by Initial Trajectory Sharing

**DII** Defense Information Infrastructure

DIL Data Items List
DIL Data Integrity Level



**DILCS**Dedicated Intelligence Loop Circuits System
DIN
Deutsches Institut für Normung e.V. (DE)

**DIO** Deco Input Operator

**DIO** Diode

DIP Dual In-line Package
DIP Drop and Insert Point

**DIRA** Department for Interdisciplinary Relations of Aviation

**DIRCAM** Direction de la Circulation Aérienne Militaire

**DIRECT** Dynamic Sectorization and Route Coordination System

**DIRF** Direction Finding Data Displayed

**DIS** Directorate Infrastructure ATC Systems and Support

**DIS/HUM** ATM Human Resources Unit (HUM Unit)

**DISC** Disconnect (Command)

**DISG** DMEAN Implementation Support Group

**DIST** Distance

**DISU** Drug Investigation Support Unit

**DIT** Data Integrity Tool

**DIT** Directory Information Tree DITC Divisional IT Coordinator

**DITCO** Defense Information Technology Contracting Office Agency

**DITE** Distributed IT Equipment

**DITS** Digital Information Transfer System

DIV Diverting or Diverging
DIV Diversion Message
DIXEL Display Element

**DJD** Design Justification Document

**DK**Denmark**DL**Data Link

**DL** Distribution List

DLADelay(ed) (Message Type Designator)DLAPData Link Applications Processor

**DLARD** Data Link Application Requirements Document (ICAO)

**DLASD** Data Link Application Systems Document

**DLAT**Directory Look Aside Table**DLC**Data Link Connection**DLC**Data Link Control

**DLCI**Data Link Channel Identifier**DLCP**Data Link Control Protocol**DLCR**Datalink Capability Report

**DLCRD** Data Link Communication Requirement Document

DLE Data Link Entity
DLF Data Link Frame
DLF Data Link Function



**DLH** Deutsche Lufthansa (DE)

**DLIC** Data Link Initiation Capability (ICAO)

DLLData Link LayerDLLDelay Locked LoopDLLData Link LogonDLMData Link Manager

**DLPU** Data Link Processing (Processor) Unit

**DLR** Deutsches Zentrum für Luft- und Raumfahrt e.V. (German Aerospace

Center)

**DLRS** Digital Legal Recording System

DLS
DLS
DLS
DLS
DLS
Device Level Selection
DLS
DLS
Data Link Sub-layer
DLS
Direct Link Service

DLS IR Implementing Rule for Datalink Services
DLS IR Data Link Services Implementing Rule

**DLT** Digital Linear Tape

**DLTA** Difference from Long-Term Average metric

**DLW** Departure List Window DLY Daily (ICAO Acronym)

DM Departure ManagerDM Disconnected ModeDM Downlink MessageDM Design Model

**DM** Distributed Management

**DMA** Divergence Monitoring and Alert

DMA
 DMA
 Direct Memory Access
 DMA
 Defense Mapping Agency
 DMA
 Decision Making Aids
 DMAN
 Departure Manager

**DMAS** Director Maastricht Control Centre

DMAS Distributed Management Accounting System
 DMC Detachment of Military Coordinators (FR)
 DME Distributed Management Environment

**DME** Distance Measuring Equipment

**DME/N**Distance Measurement Equipment (Normal)
DME/P
Distance Measuring Equipment/Precision

**DMEAN** Dynamic Management of the European Airspace Network

**DMG** Deutsche Meteorologische Gesellschaft

**DMI** Digital Multiplexed Interface

**DMIN** Minimum Distance

**DML** Data Manipulation Language



**DMM** Dynamic Memory Management **DMM** Directorate's Management Meeting

DMNDMODDMSDMPData Multiplexing NetworkDistance Modification (TCAS)Dynamic Map Parameters

**DMP** Documentation Management Plan

**DMR** Data Modification Request

**DMRS** Database Management Reporting System

DMSDMSDeparture Management SystemDMSData Management System

DMS
 DMS
 Document Management System
 DMS
 Database Management System
 DMS
 Drawing Management System

DMSR
 DMSS
 Development Maintenance and Support Service
 DMT
 Development Infrastructure Management Tool

**DMUAC** Director MUAC Demilitarized Zone

**DNA** Direction de la Navigation Aérienne (FR)

DNADeoxyribonucleic AcidDNADigital Network Architecture

**DNAs** ECAC Directors of Air Navigation

**DND** Do Not Disturb

**DNDO** Do Not Disturb Override

**DNG** Danger(ous)

DNIC
 DNIC
 Data Network Identification Code
 DNL
 Day / Night Equivalent Sound Level
 DNM
 Directorate Network Management "

**DNM/ACD** Network Management Directorate/Airspace and Capacity Division -

NMD/ACD

**DNM/BCS** Network Management Directorate/Business Coordination service - NMD/BCS

**DNM/INF**Network Management Directorate/Infrastructure Division - NMD/INF **DNM/NOM**Network Management Directorate/Operations Division - NMD/NOM

**DNM/OFF** Network Management Directorate/Director and the Office of the Director -

NMD/OFF

**DNM/SAF** Network Management Directorate/Operational Safety, SQS and Integrated

Risk Management Unit - NMD/SAF

DNM/TA
 DNM/TEC
 DNM/TRG
 Network Management Directorate/Technology Division - NMD/TEC
 DNM/TRG
 Network Management Directorate/Training Division - NMD/TRG

**DNM/COO** Directorate Network Management/Chief Operating Office



Deployment Coordination Division (DNM) DNM/COO/DCO

Communication and Frequency Coordination (DNM) DNM/COO/DCO/

**CFC** 

DNM/COO/DCO/ Deployment Support (DNM)

**DPS** 

Network Development (DNM) DNM/COO/DCO/

**NED** 

Surveillance and Code Coordination (DNM) DNM/COO/DCO/

SCC

Surveillance Services (DNM) DNM/COO/DCO/

**SRS** 

DNM/COO/FRM Flexible Resources Management (DNM)

Directorate Network Management/Network Operations Management DNM/COO/NOM

Division

Airspace/AIS Data Management (DNM) DNM/COO/NOM

/ADM

DNM/COO/NOM Airports (DNM)

/APT

Network Operations (DNM) DNM/COO/NOM

/NOS

Operations Domains and Training (DNM) DNM/COO/NOM

/NOS/DOM

**Current Operations (DNM)** DNM/COO/NOM

/NOS/OPS

Operational Requirements and Acceptance (DNM) DNM/COO/NOM

/NOS/ORA

Operations Planning (DNM) DNM/COO/NOM

/OPL

DNM/COO/NOM Airspace Design (DNM)

**/OPL/DES** 

DNM/COO/NOM Ops Performance Plan (DNM)

/OPL/PLA

DNM/COO/NOM ASM/ATM/ATFCM Procedures (DNM)

/OPL/PRO

Airspace Simulation (DNM) DNM/COO/NOM

/OPL/SIM

Safety (DNM) DNM/COO/NOM

/SAF

DNM/COO/NTS Network Technical Systems (DNM)

Communications, Network and System (DNM) DNM/COO/NTS/

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**CNS** 

DNM/COO/NTS/ Systems Upgrade and Architecture (DNM)

**SUA** 



**DNM/COO/NTS/** Technical Exploitation (DNM)

TEX

**DNM/COO/TRG** Directorate Network Management / Training Division (DNM) Formation

**DNM/COO/TRG/** ATC Training (DNM) / Formation ATC

**ATC** 

**DNM/COO/TRG/** ATM Training (DNM) / Formation ATM

**ATR** 

**DNM/COO/TRG/** Training Development and Harmonisation (DNM)

**TDH** 

**DNM/NTS** Directorate Network Management/Network Technical Systems Division

**DNM/OFF** Directorate Network Management/Office of the Director

**DNM/OMR** Directorate Network Management/Operational Monitoring and Reporting

Unit

**DNM/OMR/FTA** Forecast and Traffic Analysis (DNM)

**DNM/OMR/OAR** Operational Analysis and Reporting (DNM) **DNM/OMR/PRI** PRISME and Data Management (DNM)

**DNM/OMR/USR** Users Relations (DNM)

**DNM/SQS** Safety, Quality and Security (DNM)

**DNS**Digital Network Signaling
Domain Name System

**DNV GL** Det Norske Veritas Germanischer Lloyd

**DO** Direction des opérations (FR)

**DO** Document

**DO/EC** Directions des opérations/échelon central (FR)

**DO260A** RTCA Document 260A (ADS-B MOPS)

**DOA** Dead on Arrival

**DOA** Design Organization Approval

**DOC** Domain of Cooperation Direct Operating Cost

**DOC** Designated Operational Coverage

DOC Document (ICAO)
DOD Department of Defense

**DOD** Detailed Operational Description

**DOD** Direct Outward Dial

**DoD MIL** Department of Defense - Military

**DoDAF** Department of Defense Architecture Framework

**DODAR** Diagnosis, Options, Decision, Assessment and Revision

DOF
DOF
Digital Obstacle File
DOI
Domain of Interest
DOI
Department of Industry
DOM
Dictionary of Messages

**DOM** Domestic

**DOP** Dilution of Precision



DOPDirectors of OperationsDOPDaily Operations PlanDOPData Operations ProviderDOPSDirectors OperationsDORDomain of Responsibility

**DORA** Directorate Operational Research and Analysis

**DOS** Disc/Disk Operating System

DOSDirectory of ServicesDOSDepartment of StateDOSDelegation of SeparationDOTDepartment of TransportationDOTDepartment of Transport

**DOTCCC** Department of Transportation Computer Center

**DOTS** Dynamic Ocean Tracking System

**DOV** Data Over Voice

**DOVE** Datalink Operational Validation Experiments

**DOVE** DSR Oceanic VSCS En Route Implementation Working Group

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Authors: N. Rieck & M.-M. Temme

**DOVID** Diffractive Optically Variable Image Device

**DoW** Description of Work

**DOW** Day of Week

**DP** Dew Point Temperature

**DP** Data Provider

DP Documentation PlanDP Discussion PaperDP Data Packet

**DP** Departure Procedure **DP** Data Processing

**DP&P** Data Processing and Peripherals **DPA** Data Provider Agreement

DPA Distinguishing Path Attribute
DPAL Data Processing Assurance Level
DPC Defense Planning Committee

**DPC** Data Processing Chain

**DPCX** Distributed Processing Control Executive DPDG Diplomatic and Protocol Drafting Group

DPE Digital Plot ExtractorDPE Designated Pilot ExaminerDPF Data Preparation Facility

**DPI** Departure Planning Information

**dpi** Dots per Inch **DPIO** DPI Originator

DPLDeputy Project LeaderDPLDisplayed Flight PlanDuplicate Plan



**DPMI** Delta-plane Motorisé (FR) **DPMI** Dos Protected Mode Interface

**DPN** Data Packet Network

DPN100
 DPO
 Data Packet Network switch
 DPO
 Data Protection Officer
 Dynamic Path Reconnect
 DPS
 Data Processing System

DPS Detailed Production SpecificationDPS Distributed Processing System

DPSDPSData Preparation SystemDPSData Product Specification

**DPS** Directorate Pan-European Single Sky

**DPS/OFF** Directorate Pan-European Single Sky/Director's Office

**DPS/PEC** Directorate Pan-European Single Sky/Pan-European Coordinator

**DPS/ PEPR** Directorate Pan-European Single Sky/Pan-European planning, monitoring

and Reporting

DPS/PFC
DPS/ POL
DPS/ POL
DPS/ PRU
DPS/ PRU
DPS/ SLO
Directorate Pan-European Single Sky/Performance Coordinator
Directorate Pan-European Single Sky/Support to SES-related Policies
Directorate Pan-European Single Sky/Performance Review Unit
Directorate Pan-European Single Sky/States Liaison Office

**DPS/ SSR** Directorate Pan-European Single Sky/Support to States and Regional

initiatives

**DPS/ STAN** Directorate Pan-European Single Sky/Support to Standardisation

**DPS/ TEC**Directorate Pan-European Single Sky - Support to EU on ATM technical

Regulation

**DPSADD-TF** Data Processing Systems Architecture Description Document Task Force

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**DPSK** Differential Phase Shift Keying

**DPT** Depth

**DPT** Dynamic Time-based Planning

**DQAP** Data Quality Assurance Plan

**DQAS**Data Quality Assurance Summary Report **DQPSK**Differential Quadrature Phase Shift Keying

**DQR** Data Quality Requirements **DQTS** Data Quality Tool Set

**DR** Downlink Request (Control Bits)

**DR** Dead Reckoning

**DR** Danger/Restricted Area

DR Delivery Report
DR Disaster Recovery
DR Digital Recorder
DR Disaster Recovery
DR Disconnect Request
DR Directorate of Resources



**DR** Drifting

**DR/ABP** Directorate Resources/Agency Business Plan and Performance Management

**DR/AD** Directorate of Resources/Administration

**DR/AD/BB** Budget Process

**DR/AD/CMSR** Corporate Management Systems and Reporting

**DR/AD/FA** Financial Administration

**DR/AD/PA** Payroll/Pensions **DR/AD/PROC** Procurement

**DR/AD/PS** Partnership and Agreements **DR/AD/RR** Rules and Regulations

**DR/AD/TR** Treasury

**DR/APP** Directorate of Resources/Agency Planning and Performance

**DR/ATT**Directorate of Resources/Accounting and Treasury **DR/BPG**Directorate of Resources/Business Partnering

**DR/BPG/FIN** Finance Business

**DR/BPG/HR** Human Resource Business Partnering

**DR/BPG/ICS**ICS Business Partnering **DR/BPG/SUP**Support Business Partnering

**DR/COM** Directorate of Resources / Corporate Communications and Stakeholder

Relation Management Unit

**DR/CS** Directorate of Resources / Corporate Services (Services intégrés)

**DR/CS/FL** Directorate Resources / Corporate Services / Facility Management and

Logistics

**DR/CS/ICS**DR/CS/Information and Communication Systems and Technology
DR/CS/KM
Directorate Resources/Corporate Services/Knowledge Management

**DR/CS/LING**Directorate Resources/Corporate Services/Language Service
DR/CS/SEC
Directorate Resources/Corporate Services/Central Secretariat

DR/FLODirectorate of Resources/Facilities and LogisticsDR/FPRDirectorate of Resources/Finance and Procurement

**DR/JUR** Directorate of Resources/Legal Service

**DR/OF** Office of the Principal Director

**DR/PF** Directorate of Resources/Pension Fund

**DR/PM** Directorate of Resources/People Management

**DR/PM/OD** Organizational Development

DR/PM/PDDR/PM/PSPeople DevelopmentPeople Support

**DR/PM/RM** Recruitment and Mobility

**DR/PPF** Directorate of Resources /Planning and Performance

**DR/SD** Directorate Resources/Social Dialogue

DRA Defense Research Agency (UK)
DRA Defense Research Agency (UK)

**DRACAS** Data Reporting and Corrective Action System

**DRAG**Double Regulation (Working Group)

DRAHG
Double Regulation Ad-hoc Group



**DRAHG** Double Regulation Ad-hoc Group Dynamic random Access Memory DRAM DRC **Defense Review Committee** 

DRC Dynamic Route Change

Data Rate Control **DRC DRC Data Recording** 

Data Reduction Computer Program **DRCP** Digital Readout Direction Finder **DRDF** Directorate Resources Executive Team DRET

Document Review Form **DRF DRF** Departure Flow Regulation Direct Radar Front End Processor **DRFEP** 

**DRG** Durina

**DRH** Direction des Ressources Humaines

**DRMS** Distance Root Mean Square délai de route (Travel Time) **DROU DRP** Disaster Recovery Plan **DR Supervisory Board DRSB** Low Drifting Snow **DRSN** 

Disaster Recovery Team Leader DRTL

**DRUG** Dutch Radars Users Group (NL-EUROCONTROL) **DRUM** Diagnostic Recorder for Usability Measurement

Digital AIM and MET Services DS

DS **Data Source** 

DS **Differentiated Services** DS Deployment Scenario

DS Duststorm

**DSA** Director(ate) Safety, Airspace, Airports and Information Services

Date: 2021-01-28

(EUROCONTROL)

**DSA Directory System Agent** Directory Service Agent **DSA** 

**DSAC** Civil Aviation Safety Directorate **DSAP Destination Service Access Point** 

**Dutch Safety Board DSB DSB** Double Side Band

Double Side Band - Amplitude Modulation **DSB-AM** 

**DSC** Downstream Clearance **DSCP** Diffserv. Code Point

**DSCS** Digital Satellite Compression Service

Digital Selective Calling - Very High Frequency **DSCVHF** 

**DSD** Data Structure Diagram Dialogue Service Element **DSE** 

**DSF** Distribution and Switching Facility

**Data Services Group DSG** 



**DSI** Denmark/Sweden Interface **DSI** Data Source Interface

**DSK** Disk

**DSL** Digital Subscriber Line

**DSLM** Downlink SLM

**DSM** Departure Suspense Message

**DSM** Digital Surface Model

**DSNA** Direction des services de la navigation aérienne (Directorate Air Navigation

Services, France)

DSP Domain Specific Part
DSP Datalink Status Panel
DSP Data Link Service Provider
DSP Digital Signal Processing
DSP Digital Signal Processor
DSR Director SESAR and Research

**DSR** Display System Replacement

**DSR/CMN** Directorate SESAR and Research/Contribution Management Division

**DSR/CMN/APT** Airport Unit (DSR)

**DSR/CMN/ATS** Air Traffic Service Unit (DSR)

**DSR/CMN/DCM** Deputy Contribution Manager (DSR) **DSR/CMN/FRM** Flexible Resource Management (DSR)

**DSR/CMN/IM** System Wide Information Management / Enterprise Architecture Unit (DSR)

DSR/CMN/INO Innovative Research Unit (DSR)
DSR/CMN/MP Master Plan Maintenance Unit (DSR)
DSR/CMN/NAV Navigation - CNS Research Unit (DSR)

**DSR/CMN/NET** Network Unit (DSR)

**DSR/CMN/PM** Transversal Performance and Methods Unit (DSR)

**DSR/CMN/VIF** Validation Infrastructure (DSR)

**DSR/PSO** Directorate SESAR and Research / EUROCONTROL SESAR Joint Undertaking

**Project Support Office** 

DSS
 DSS
 Decision Support System
 DSS
 Directorate Single Sky
 DSS
 Direct Subsystem

**DSS** Direct Sequence Spread Spectrum

**DSS/CM** Directorate Single Sky / Civil-Military ATM Coordination Division

**DSS/CM/ATM** Civil-Military - ATM Coordination Unit (DSS) **DSS/CM/CNS** Civil-Military - CNS Coordination Unit (DSS)

**DSS/CM/SEC** Civil-Military - ATM Security Coordination Unit (DSS) **DSS/CM/SES** Civil-Military - SES Implementation Support Unit (DSS)

**DSS/CM/SPM** Civil-Military - SESAR Program Manager (DSS)

**DSS/EIPR** Directorate Single Sky / European Implementation Planning and Reporting

Unit

**DSS/OFF** Office of the Director DSS



**DSS/OVS** Directorate Single Sky / Oversight Division

**DSS/OVS/NOS** Network Oversight Unit (DSS)

**DSS/OVS/SAF** Safety Oversight Support Unit (DSS)

**DSS/PRU** Directorate Single Sky / Performance Review Unit

DSS/PRU/DAT Safety and Data Section (DSS)
DSS/PRU/ECO Economics Section (DSS)
DSS/PRU/PO Project Office (DSS)

**DSS/PRU/QOS** Quality of Services Section (DSS)

**DSS/REG** Directorate Single Sky / Regulatory Support Division

**DSS/REG/CAA** Support to CAA/NSA Unit (DSS)

**DSS/REG/ENV** Environment Unit (DSS)

**DSS/REG/FRM** Flexible Resource Management (DSS)

**DSS/REG/SES** SES Unit (DSS)

DSS1 Digital Signal System No.1DSS1 Digital Subscriber Signaling No.1

DST Decision Support Tools
DST Direct Support Task
DST Daylight Saving Time
DSU Division Support Unit
DSU Data-Source Selector Unit
DSU Declaration of Suitability for Use

**DSU** Direct Support Unit

**DSUA** Dynamic Special Use Airspace

**DT** Data Terminal

**DT** Displaced Threshold

**DT&E** Development, Test and Evaluation

**DTAM** Descend to and Maintain

**DTCM** Discrete Time Markov Chain Models

DTEData Terminal EquipmentDTEDDigital Terrain Evaluation DataDTEDDigital Terrain Elevation DataDTFData Link Test Facility (ICAO)

**DTG** Date Time Group **DTHR** Displaced Threshold

**DTI** Direction de la technique et de l'innovation (FR)

**DTI** Department for Trade and Industry

DTLDevelopment Team LeaderDTMDigital Terrain ModelDTMFDual Tone Multi Frequency

**DTMS** Database and Transaction Management System

**DTN** Data Transport Network

**DTO**Declared Training Organization
DTOP
Displaced Threshold Operations

**DTOW** Default Take-off Weight



**DTP** Desk Top Publishing DTR Data Terminal Ready

**DTRT** Deteriorate

**DTS** Distributed Time Service

**DTS** Data Terminal Set

**DTS**Data Transmission System
Dedicated Transmission Service

**DTT** Development Test Team **DTU** Data Transmission Unit

**DTV** Digital Television **DTVOR** Doppler Terminal VOR

**DTW** Departure Tolerance Window

**DU** Digital Signaling User **DU** Digital User Signaling

**DU**Data User**DU**Display Unit

**DU** Dust

**DU-TF** Digital User Signaling Task Force

**DUA**Dedicated User Area**DUA**Data User Agreement**DUA**Directory User Agent

**DUAT** Direct User Access Terminal

**DUATS** Direct User Access Terminal System

**DUAU** Data Update and Access Unit

**DUC** Dense Upper Cloud Due for Activation

**DUEV** Datenübertragungs- und Verteilersystem (DE)

**DULV** Deutscher Ultraleichtflugverband (DE)

**DUP** Duplicate

**DUPL-MIL** Send Flight Plan Info to Dutch Military

**DUR** Duration

**DUR** Desired/Undesired Signal Ratio

**DUR** Determined Unit Rate **DUT** Device Under Test

**DUX** Duplex

**DVAS** Documentation and Visual Aids Specialist

DVD Digital Versatile DiskDVFR Defense Visual Flight RulesDVFR Day Visual Flight Rules

**DVI** Digital Video Interactive (Intel)

**DVI** Direct Voice Input DVM Digital Voltmeter

**DVMG** Digital Video Map Generator

**DVO** Direct Voice Output



DVOF	Digital Vertical Obstruction File
DVOR	Doppler VOR
DVOR	Distance VOR
DVOR	Doppler Very High Frequency Omni Directional Range
DVORTAC	DVOR Combined with TAC-an
DVP	Development Verification Platform
DVRS	Digital Voice Recorder System
DWD	Deutscher Wetterdienst (German Weather Service)
DWDM	Dense Wave Data Multiplexing
DWDSAT	Satellitengestütztes Datenversorgungssystem des DWD (DE)
DWG	DMEAN Working Group
DWH	CFMU Datawarehouse
DWN	Down
DWP	Destination Waypoint
DWP	Departure Waypoint
DX	Duplex
DXC	Digital Cross Connect (Technology)
DXT	Data Extract
DYN	Dynamic Maps
DYNAV	Dynamic Route Availability
DYSIM	Dynamic Simulator
DZ	Algeria (ISO Country Code)
DZ	De-conflicting Zone
DZ	Drizzle
DZH	Deco Zeeland High
DÜS	Düsseldorf
DÜV	Datenübertragungs- und Verteiler System (DE)



## 2.6. Letter - E

**E** East, Eastern Longitude

**E** Spain (Espania)

E Error Engine

**E&M** Earth and Mark Signaling **E&OE** Errors and Omissions Excepted

**E+M** Signaling

**E-AMAN** Extended Arrival Management

**E-ATSAW** Enhanced Airborne Traffic Situational Awareness

**E-DPI** Early DPI

**E-learning** Electronic Learning **E-Mail** Electronic Mail

**E-MSAW** En-route Automated Minimum Safe Altitude Warning

**E-NM** Enhanced Network Management

**E-OCVM** European Operational Concept Validation Methodology

**E-SCAN** Electronic Scan

**E-Scan** Electronically Scanned

**e-STAR** ETFMS - Satellite Telecommunications Access for Redistribution of Data

E-TIBA Enhanced Traffic Information Broadcast by Aircraft
ITU-T Recommendations of Telephone Numbering

**E.g** For Example **e.m.** Electromagnetic

**E1** 2048kbps Interface

Proposed Galileo Frequency (1589 MHz)
Proposed Galileo Frequency (1561 MHz)
Proposed Galileo Frequency (1202 MHz)
Proposed Galileo Frequency (1278 MHz)

EA Europe Airports
EX Extended Address

**EA** Expedited Data Acknowledgement

EA Enterprise Architecture
 EAA European Aviation Agency
 EAB EASA Advisory Bodies
 EAB European ATM Board

**EAB** European AIS Database and Aeronautical Information Bureau

**EAC** East Assistant Controller

**EACAC** Evolutionary AIR Ground Cooperative ATM Concept

**EACCC** European Aviation Crisis Coordination Cell

**EACG** European ATFM Consultation Group

**EACI SG** Eatms Architecture and CNS Infrastructure Sub-group EACNSISG EATCHIP Architecture and CNS Infrastructure Sub-group

**EACP** European Aeronautical Common Position

**EAD** European AIS Database



**EAD** Earliest Arrival Date

**EAD** Economic Analyses and Databases Section (ICAO)

**EAD BUP** EAD Backup Site

**EAD SF** EAD Surveillance Function

**EAD SGR** EAD Sub-group

**EAD SSG** EAD Service Steering Group

**EAD TF** European Ais Data Base Implementation Task Force

**EAD WP EAD-ONL**EAD Online Environment

**EAD-TDS** EAD Test and Development Environment

**EAD-TRG** EAD Training Environment EAD Coordination Sub-group

**EADI** Electronic Attitude Director Indicator

**EADS** European Aeronautic Defense and Space Company

**EADTF** European AIS Database Task Force **EAEA** European ATM Enterprise Architecture **EAEC** European Airlines Electronics Committee

**EAFDM** European Authorities Coordination Group on Flight Data Monitoring

**EAG** Event Analysis Group

**EAG** European Aeronautical Group

**EAG** European ATFM Grou

**EAGDCS** European Air/Ground Data Communication Services

**EAGLES** European Air Ground Laboratory for Efficient System Integration

**EAH** Erroneous AFTN Header

**EAIMS** European ATM Information Management Service

**EAIP** Electronic AIP

**EAIP-TF** Electronic Aeronautical Information Publication (Task Force)

**EAM** ESARR Advisory Material

**EAM** EUROCONTROL Airspace Model

**EAM-GUI** ESARR Advisory Material - Guidance Material

**EAM3/AMCE** ESARR3 Advisory Material - Guidance on AMC in relation to ESARR3

EAM3/GUI1 ESARR3 Advisory Material - Guidance Document 1
EAM3/GUI2 ESARR3 Advisory Material - Guidance Document 2
EAM3/GUI3 ESARR3 Advisory Material - Guidance Document 3
EAM3/GUI4 ESARR3 Advisory Material - Guidance Document 4
EAM3/GUI5 ESARR3 Advisory Material - Guidance Document 5

**EAM3/ICAO** ESARR3 Guidance Material - Consistency between ESARR 3 and ICAO SARPs (EATCHIP) European ATFM Management Group (supervision of the CFMU)

**EAMG SSG** EAMG Systems Sub-group

**eAMI** Electronic Airspace Management Information Message

**EAN** European ANSP Network

**EAN** European Air Traffic Service Organizations Network

**eANP** Electronic Air Navigation Plan

**EANPG** European Air Navigation Planning Group



**EANS** Estonian Air Navigation Services

**EAO** Enseignement Assisté par Ordinateur (=CBT)

**EAOG** European Airline Operations Group

**EAP** EATCHIP Alignment Process

**EAPAIRR** European Action Plan for Airspace Infringement Risk Reduction

**EAPM** ECAC Airspace Planning Manual

**EAPPRI** European Action Plan on the Prevention of Runway Excursion European Action Plan for the Prevention of Runway Incursions

**EAPRLB** European Action Plan for the Prevention of Level Busts

**EARN** European Academic Research Network

**EAROM** Electrically Alterable ROM

**EARS** En-route Analysis and Reporting System **EARTS** En-route Automated Radar Tracking System

**EAS** EATMP Advisory Services

**EAS** EURCONTROL Advisory Services

EAS Effort Accounting System
Equivalent Airspeed
EAS European AIS System

**EAS** Emergency Avoidance System

**EASA** European Union Aviation Safety Agency

**EASA MB** EASA Management Board

**EASC** European ATM Staff Representatives Conference European ATM Standardisation Coordination Group

**EASEG** EUROCONTROL Ad hoc ATM Security Group

**EASG** EASIE ATM Support Group

**EASIE** Enhanced Air Traffic Management and Mode-S Implementation in Europe

**EASIT** European Association for Software Access and Information Transfer

**EASP** European Aviation Safety Program European Aviation Safety Plan

**EASPG** European Aviation System Planning Group (ICAO)

**EASS** European Aviation Safety Seminar

**EASSP** EUROCONTROL Specification for ATM Surveillance System Performance

**EAT** Experiments and Trials Platform

EAT Expected Approach Time
EAT Estimated Approach Time
EATA Enhanced AT Attachment (Bus)

**EATCHIP** European Air Traffic Control Harmonization and Integration Program

**EATCHIP LO** EATCHIP Liaison Officer

**EATCHIP OCD** Operational Concept Document

**EATCOS** ECAC TF on the Integration of European ATC Systems

**EATF** EATMS Architecture Task Force

EATFCM Enhanced Air Traffic Flow and Capacity Management
EATM European Air Traffic Management (EUROCONTROL)
EATM European Air Traffic Management Service Business Unit



EATMA European Air Traffic Management Architecture
EATMN European Air Traffic Management Network
EATMP European Air Traffic Management Program
EATMS European Air Traffic Management System

**EATN** Experimental Aeronautical Telecommunication Network

**EATN** European ATN

**EATRADA** European ATM Research and Development Association

**EAUP** European Airspace Use Plan

**EAVU** EUROCONTROL Airspace Validation Unit

**EAW** Easy Access to Weekend (Routes)

**EAWDG** EATMS Architecture Workshop Drafting Group

**EB** Eastbound

**EB** Executive Board (of the EUROCONTROL Agency)

**EBAA** European Business Aviation Association

**EBACE** European Business Aviation Convention and Exhibition

**EBC** Event Based Currency

**EBCDIC** Extended Binary Coded Decimal Interchange Code

**EBITDA** Earnings Before Interest, Taxes, Depreciation and Amortization

**EBP** Emergency Bypass Processor (ODS)

**EBRD** European Bank of Reconstruction and Development

EBU Evidence-based Training
EBU European Broadcasting Union
EBUS Enhanced Backup Surveillance

**EC** Executive Controller (also referred to a Radar Controller)

**EC** European Commission (to be Avoided Because of Possible Confusion with

**European Communities**)

**EC** Eyes Closed

**EC** Executive Controller

**EC** European Community/Commission

**EC** Engineering Center

**ECA** European Cockpit Association

**ECA** Executive Assistant Controller (Position)

ECAExecutive Controller AssistantECAAEuropean Common Aviation AreaECACEuropean Civil Aviation Conference

**ECAC ATI** ECAC / Air Transport Industry

**ECAC-DGCA** ECAC Directors General of Civil Aviation

**ECAC-JAA** ECAC Joint Aviation Authorities **ECAF** ECAC Centralized Airspace Facility

**ECAM** Electronic Centralized Aircraft Monitoring (Airborne Display)

**ECARDA** European Coherent Approach to Research and Technological Development

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

tor ATM

**ECAST** European Commercial Aviation Safety Team

**ECB** European Central Bank



**ECB** Event Control Block

**ECBAG** EATCHIP Cost-benefit Advisory Group

**ECC** EAN Consortium Committee

**ECC** Error Correction Code

ECC Exemption Coordination Cell EATCHIP Coordination Committee

**ECC-AIRS** European Coordination Centre for Aircraft Incident Reporting Systems European Coordination Centre for Aircraft Incident Reporting Systems

ECCBEUROCONTROL Change Control BoardECCBEngineering Change Control BoardECCGExperimental Centre Consultation GroupECCMElectronic Counter Countermeasures

European Centre for Cybersecurity in Aviation

**eCE** Enlarged Committee for Route Charges

ECEF Earth-Centered-Earth-Fixed
 ECET End of Civil Evening Twilight
 ECF Enhanced Connectivity Facility
 ECFP Extended Convective Forecast Plot

**ECFEP** Extended Communication Front End Processor

**ECG** Electrocardiogram

ECG European Communication Gateway
ECG EATMP Communications Gateway
ECG En-route Communications Gateway
ECGD Export Credit Guarantee Department

**ECHO** EATCHIP CNS / ATM Holistic Model Using RM-ODP ECHO European Concept for Higher Airspace Operations

**ECHOES** EUROCONTROL - Consolidation of HMI for Operations, Evaluations and

Simulations

**ECHO** EUROCONTROL Headquarters

ECI Every-citizen-interface
ECI EAD Client Interface
ECI Earth Centered Inertial

**ECIP** European Convergence and Implementation Plan

**ECIPD** Document ECIP

**ECIT** EAD Client Interface Terminal ECIT-SDR ECIT System Design Review

ECIV ECI Validation Suite En-route Cruising Level

**ECLECTIC** Electronic Separation Clearance Enabling the Crossing of Traffic Under

Instrument Meteorological Conditions

**ECM** Extended Callsign Menu

ECM Electronic Counter Measure/Message
ECM EATCHIP Coordination Meeting
ECM Executive Control Message



ECMAEuropean Computer Manufacturers' AssociationECMCETFMS Central Monitoring and Control SystemECMTEuropean Conference of Ministers of Transport

**ECMWF** European Centre for Medium Range Weather Forecasts

**eCN** Enlarged Commission

**ECN** Explicit Congestion Notification

**ECODA** Enhanced Central Office for Delay Analysis

**ECofA** Export Certificate of Airworthiness

ECOM En-route Communications
 ECOP Entry Coordination Point
 ECP Expedite Clearance Procedure
 ECP Engineering Change Proposal

**eCIP** Electronic Capital Planning Investment Control

ECCR European Central Question Bank
Event Contract Request (ICAO)
ECRG Experimental Centre Review Group

**ECRSG** EATMS Concept and Requirements Sub-group

**ECS** ETFMS Central System

**ECSC** European Conference on Satellite Communications

**ECSIO** Exit Coordination Status In/Out

**ECSTF** ETFMS Communications and Systems Task Force

ECT European CONOPS Team
EUROpean Coordination Team

**ECTAA** European Travel Agents' and Tour Operators' Associations

**ECTF** EATMS Concept Task Force

**ECTL** EUROCONTROL (unofficial abbreviation)

**ECX** European Currency Unit European Climate Exchange

ED EUROCAE Document
ED Entry Departure
ED Error Detail
ED Execute Director
ED (50) European Datum

**Ed(s)** Editor(s)

ED-101 EUROCAE Document 101
ED-102 EUROCAE Document 102
ED-115 EUROCAE Document 115
ED-117 EUROCAE Document 117

**ED-126** EUROCAE Documentation on ADS

ED-12A EUROCAE Document 12A ED-12B EUROCAE Document 12B ED-14D EUROCAE Document 14D ED-14E EUROCAE Document 14E ED-43 EUROCAE Document 43



ED-73B EUROCAE Document 73B EUROCAE Document 87 EUROCAE Document 126

ED50 European Datum 1950 (Geodetic System)
ED70 European Datum 1970 (Geodetic System)
ED87 European Datum 1987 (Geodetic System)
EDA Electro-Dermal Activity Measurement

**EDA** European Defense Agency

**EDAG**European Delay Analysis System Advisory Group
EDAG
European Delay Analysis System Advisory Group

EDAS European Delay Analysis System
EDAS European Delay Analysis System

**EDAY** End Day

**EDB** Environmental Data Base

EDCT Expect Departure Clearance Time
EDC Early Display Configuration
EDC En-route Departure Capability

**EDC** Enterprise Data Center

**EDCT** Estimated Departure Control Time

EDCT Expedite Departure Path
EDD Executive Director Decision
EDD Electronic (Tabular) Data Display

**EDD / TID** EDD / Touch Input Device

**EDD-VKL** EDD-controller/Planner-controller EDDA Environmental Due Diligence Audit

**EDDF** Environmental Data Processing and Distribution Function

**EDDUS** EDD Update System

**eDEP** Early Demonstration and Evaluation Platform

**eDEP** EUROCONTROL Simulation Capability And Platform for Experimentation

**EDGE** EDGE (of Runway)

**EDI** Electronic Data Interchange

**EDIFACT** Electrical Data Interface for Administration Commerce and Transport

**EDIM** Electronic Data Interchange Message

**EDIMS** Electronic Data Interchange Message Service

**EDISOFT** Empresa de Serviços e Desenvolvimento de Software, S.A. (PT)

**EDL** Event Driven Language

**EDMM** Engineering and Development Management Meeting

EDMS
 EDMS
 Engineering Data Management System
 EDMS
 Electronic Document Management Systems
 EDOP
 Enhanced Directors of Operations Forum

**EDP** Electronic Data Processing EDP Environmental Data Processing

**EDPD** Environmental Data Processing and Distribution



EDQ	External Data Quality Tool
EDS	Engineering Design System
EDS	Environment Dependent System
	· · · · · · · · · · · · · · · · · · ·
EDS	Explosives Detection System
EDS	Early Departure Scheme
EDS	Enterprise Database System
EDT	Electronic Data Terminal
EDTCB	ENV Data Transfer Control Board
EDTF	EATM E-learning Developers Task Force
EDTO	Extended Diversion Time Operations
EDTR	Environment Data Transfer Report
EDV	Elektronische Daten Verarbeitung (DE)
EDX	Event Driven Executive
EE	Estonia (ISO Country Code)
EEA	European Economic Area
EEA	European Environment Agency
EEB	European Environmental Bureau
EEC	Electronic Engine Control
EEC	EUROCONTROL Experimental Centre
EEC	European Economic Community
EEC	Enterprise Electronic Corporation
EEC/BSC	EUROCONTROL Experimental Centre / Building Steering Committee
	(Decision DG)
EEE	Etudes, Essays and Experimentation
EEG	Electroencephalogram
EEI	Essential Elements of Information
EEIG	European Economic Interest Group
EEO	Equal Employment Opportunity
EEPROM	Electrically Erasable Programmable Read-only Memory
EES	European Eastern States
EET	Eastern European Time
EET	Estimated Elapsed Time
EF	End Frame
EFAP	Enhanced Future ATM Profile
EFAS	Effort Accounting System
EFAS	En Route Flight Advisory Service
EFB	Electronic Flight Bag
EFC	Expect Further Clearance
	'
EFCT	Expected Further Clearance Time
EFDEMC	ETFMS Flight Data
EFDFMG	EUROCONTROL Flow Data and Flow Management Group

European Flight Data Processing

Environment-Friendly Flight Path

Date: 2021-01-28

Electronic Flight Instruments

**EFDP** 

**EFFP** 

**EFI** 



EFIR European Flight Information RegionEFIS Electronic Flight Instrument SystemEFIS Electronic Flight Information System

**EFIX** External Fix

**EFL** Entry Flight Level (for the first MADAP Sector)

**EFL** Estimated Flight Level

**EFMS** Experimental Flight Management System

**EFOB** Enhanced Flight Operations Estimated Fuel on Board

**EFP** España-France-Portugal Plan (Cooperation Agreement)

**EFPD** Electronic Flight Planning Device **EFPD** Extended Flight Plan Description

**eFPL** Extended Flight Plan

**EFPM** Extended Flight Plan Message **EFPS** Electronic Flight Progress Strip

**EFPS** External Front Processing System (PALLAS System) **EFQM** European Foundation for Quality Management

EFRExtended Flight RulesEFSExtended Flight StoreEFSElectronic Flight StripEFSETFMS Fallback System

EFSTS Electronic Flight Strip Transfer System
EFSU EUROCONTROL FAB Support Unit
EFTA European Free Trade Association
eFUA Enhanced Flexible Use of Airspace
EFVS Enhanced Flight Vision System

EGA Egypt (ISO Country Code)
Enhanced Graphics Adapter

**EGAST** European General Aviation Safety Team

**EGAT** EGATS (CHRONOTIME)

**EGATCM** EUROCONTROL Guild of Air Traffic Controllers - Maastricht

**EGATS** EUROCONTROL Guild of Air Traffic Services

**EGCSA** Enhanced Ground Controller Situational Awareness

**EGD** EUROCONTROL Generic Document

**EGERIA** Engineering Group for European Integration ATC

**EGIP** European Gateway for International NOTAM Operation Provision

**EGIS** EUROCONTROL Guidelines for Implementation Support

**EGM** Earth Gravitational Model

**EGNOS** European Geostationary Navigation Overlay Service

**EGNOS-EM** European Global Navigation Overlay Service - East Mediterranean

**EGP** Exterior Gateway Protocol

**EGPWS** Enhanced Ground Proximity Warning System

**EGSMM** EUROCONTROL Generic Safety Management Manual

**EGT** Exhaust Gas Temperature



EGU	ENV Graphical User Interface
EGU	European Gliding Union
EHA	European Helicopter Association
EHC	East High Coordinator Controller
EHD	Danger Area (Followed by Identification) (NL)
EHE	East High Executive Controller
EHEST	European Helicopter Safety (Implementation) Team
EHF	Extremely High Frequency
EHFAG	European Human Factors Advisory Group
EHQ	EUROCONTROL Headquarters
EHR	Restricted Area (Followed by Identification) (NL)
EHS	Enhanced Mode-S Surveillance
EHSI	Electronic Horizontal Situation Indicator
EHT	Extra High Tension
EI	early intent
EIA	Environmental Impact Assessment
EIA	Electrical Industries Association
EIA	Electronic Industries Alliance, Formally Electronic Industries Association
EIAF	Expanded Inward Access Features
EIAP	European Integrated Aeronautics Program
EIB	European Investment Bank
EIBT	Estimated In-block Time
EICAS	Engine Indication and Crew Alert System
EIF	Extended Interface Function
EIF	European Interoperability Framework
EIIC	Electronics Installation and Implementation Centre
EIPA	European Institute of Public Administration
EIPR	European IPS Repository
EIR	Equipment Identity Register
EIRS	External Interface Requirement Specification
EIS	Electronic Indicating System (Airbus)
EIS	Environmental Impact Statement
EIS	Environmental Information Sampling
EIS	EUROCONTROL Implementation Support
EKF	Extended Kalman Filtering
EKF-IMM	Extended Kalman Filter - Interacting Multiple Model
EL	Entry Lateral
EL	Elevation
EL	Electroluminescent (Display Panel)
EL/KYB	Electro-luminescent Keyboard
ELAN	EAD LAN
ELBA	Emergency Location Beacon Aircraft
ELD	Environment Load System
ELD	Electrical Load Database



**ELDT** Estimated Landing Time **ELE** Elementary Surveillance

**ELEF** Elf Electric Field

ELF Elevation (Environment)
Extremely Low Frequency

**ELFAA** European Low Fares Airline Association

**ELINT** Electronic Intelligence

**ELISE** Exact Landing Interference Simulation Environment

**ELM** Extended Length Message

**ELMF** Elf Magnetic Field

**ELMO** EUROCONTROL Logging and Monitoring for OJTI

**ELMS** Electronic Learning Management System

**ELOS** Equivalent Level of Safety

**ELPAC** English Language Proficiency for Aeronautical Communications

**ELR** Extra Long Range

ELS Elementary Surveillance (Mode-S)

Mode-S Elementary Surveillance

**ELS** Emergency Landing Strip

**ELS** Electronic Library Service (System)

**ELS-OP TF** Mode-S Elementary Surveillance - Operational Introduction

**ELSA** Enhanced Large Scale ATN Deployment

**ELSH** EUROCONTROL Self-registration Application (ICS Environment)

**ELT** Emergency Locator Transmitter

**ELVIRA** Extremely Low Visibility Instrument Rotorcraft Approaches **ELVIRA** Enregistrement Lecture Visualization Information Radar

**ELW** Extended Label Window Exerted Landing Weight

**ELWRT** Electrowriter

EM End of MediumEM Error MechanismEM Empty ModuleEM Electromagnetic

**EM** Emission Exempted

**EMA** Enterprise Management Architecture

**EMAC** European / Middle East ATM Coordination Mechanism

**EMAN** En-route Manager

**EMAS** Engineered Materials Arresting System

**EMAS** Environmental Management Audit System (Hamburg Airport)

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**EMAS** Engineered Materials Arresting System

EMBExecutive Management BoardEMBEUROCONTROL Medical BoardEMBDEmbedded (Cloud Types, Layers)EMCElectromagnetic Compatibility



**EMC** EAMTP Management Committee

**EMCC** EATMP Management Coordination Committee Electromagnetic Compatibility of IT Products

**EMCON** Emission Control

**EMCR(ATC)** Requirements for European Class 3 Medical Certification of Air Traffic

Controllers

EMD Editorial Manager on Duty
EME EUROCONTROL Military Expert

**EMEP** European Monitoring and Evaluation Program

**EMER** Emergency

**EMER** Flight in State of Emergency (Flight Plan Status Indicator)

**EMERALD** Emerging and Activities of Relevance to ATM Concept Definition

**EMERG** Emergency

**EMERTA** Emerging Technologies Opportunities, Issues and Impact on ATM

**EMEU** EUROCONTROL Military Expert Unit

**EMF** Electro Motive Force

**EMF** Exercise Management Facility (Simulator)

**EMF** Excellence Management Function

EMG Electromyogram Emergency (ICAO)

**EMG** EAD Management Group

**EMH** EATMP Management Handbook Electromagnetic Interference

**EMIRA** EUROCONTROL Maastricht Information Retriever Application

**EMIS** EATCHIP Management Information System

**EMK** Emergency Medical Kit **EMM** Expanded Memory Manager

**EMM** Engineering Management Meeting **EMM** Extractor Monitoring Message

**EMMA** European Airport Movement Management by A-SMGCS

**EMOD** Emitting Module on the MC Side

**EMOSIA** European Model for ATM Strategic Investment Analysis

**EMOTION 7** European Maintenance of TCAS II Version 7

**EMP** Electromagnetic Pulse

**EMPA** Eidgenössische Materialprüfungs- und Forschungsanstalt (Schweiz)

**EMPS** En-route Maintenance Processor System

**EMS** Error Management Restriction European Mobile System

EMSEMSExpanded Memory SpecificationEMSEuropean Mode-S Station

EMS EATCHIP Management Support
EMSA European Maritime Safety Agency

**EMSEC** Emission Security



**EMSO** EATCHIP Management Support Organization

**EMSS** European Mobile Satellite Services

**EMT** Eye-movement Tracking **EMT** Editorial Manager Team

**EMTO** ECAC Medium-term Objectives Group (to deal with 'Constraints to Growth')

**EMU** Extended Memory Unit European Monetary Union

**EMUC** European Union Military Committee

**EN** Entry Node

**EN** European Standard

**EN** Enabler

**ENA** Escuela Nacional de Aeronáutica (ES)

**ENAC** Italian Civil Aviation Authority

**ENAC** Ecole Nationale de l'Aviation Civile (French Civil Aviation School)

**ENAIRE** ANSP Spain

**ENAV** Ente nazionale di assistenza al volo (Italian Government Agency for Air

Traffic and Aeronautical Services)

**ENAV** En-route Navigational Aids **END** European Norm Draft

END EU Environmental Noise Directive 2002/49/EC

**END** Key for Aborting the Current Operation

**END** Stop END

**ENE** East / North / East

**ENG** Engine Engineering

**ENGD** Engineering Division

**ENHANCE** European Harmonized Aircraft Noise Control Modelling Environment

**ENIAC** Electronic Numerical Integrator and Computer European Union Agency for Cybersecurity

**ENJJPT** Euro-NATO Joint Jet Pilot Training

ENNA Etablissement National de la Navigation Aérienne (FR)
ENOC European Network Operating/Operation Concept
ENPI European Neighborhood and Partnership Instrument
ENPRM EUROCONTROL Notice of Proposed Rule-Making

**ENQ** Enquiry En-route

**ENRI** Electronic Navigation Research Institute (US - ADS)

**ENRT** En-route

**ENT** EGNOS Network Time

**ENUM** E.164 Numbering Mapping to URI

**ENV** Environment Business Area (Domaine Environment)

**ENV** Environment System (CFMU)

**ENV** Environmental Studies

**ENV** Environment



**ENV** CFMU Environment Database

**ENV KPI** Environment Key Performance Indicators

**ENVCOOR** Environment Coordinators; National Environment Coordinator Meetings

**EO** Executive Objectives

**EO** Eyes Open

**EO** Erdoberfläche (DE) EOA End of Address

**EOAG** European Operations Advisory Group

**EOB** End of Block

**EOB** End of Business (i.e. End of Working Day)

**EOBD** Estimated Off-block Date

**EOBDT** Estimated Off-block Date and Time

**EOBT** Estimated Off-block Time

**EOC** Edge of Coverage

**EOC** Essential Operational Changes

**EOCD** EATMS Operational Concept Document

**EOCG** EUROCONTROL Operations Consultative Group

**EODP** EATMS Options Discussion Paper

**EOF** End of File

**EOF** Emergency Operating Facility

**EOFDM** European Operators Flight Data Monitoring Forum

**EOG** Electrooculogram Expression of Interest

**EOIG** EGNOS Operators and Infrastructure Group

**EOLIA** European Pre-operational Datalink Applications Project

**EOM** End of Message

**EONS** EUROCONTROL Open and Generic Graphic System

**EOP** End of Picture

**EOQ** Electronic Official Personnel File European Organization for Quality

**EoS** Element of Service

**EOS** Executive Operations Support

**EOSD** Evaluation of Operational System Deficiencies **EOSH** Environmental and Occupational Safety & Health

**EOSH** Environmental Compliance Occupational Safety and Health Engine-out Standard Instrument Departure Procedure

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**EoSM** Efficacy of Safety Management

**EOT** End of Transmission

**EOT&V** EGNOS Operational Test and Validation

**EP** European Parliament

**EP** Expert Panel

**EPA** Event Processor Array

**EPA** Environmental Protection Agency

**EPAC** EUROCONTROL Program Appraisal Committee



**EPAC** Eatchip Policy and Allocation Committee

**EPAS** European Plan for Aviation Safety

**EPATS** European Personal Air Transport System

**EPB** EATCHIP Project Board EPC Enhanced Planning Control

**EPC** Enhanced Planning and Coordination function

**EPCM** Enhanced Planning Control Message

**EPD** EATCHIP Planning Division (EUROCONTROL)

**EPFLY** Experimental Flying **EPG** EASIE Policy Group

**EPHOS** European Handbook for Open Systems

EPI Electrical Power Installation
EPI Element Performance Inspection

**EPIC** Electronic Pre-flight Information Bulletin Emergency Procedures Information Centre

**EPIC** European Program for the Implementation of a Common Geodetic reference

Frame

**EPIC** Extended PCM Interface Controller

**EPIC** EUROCONTROL Publication and Information Centre

**EPISMAS** Economic Performance Indicators in Support of Mathematical Air Traffic

**Control Simulations** 

**EPLD** Erasable Programmable Logic Device **EPM** Electromagnetic Protection Modification

**EPM** EATCHIP Planning Method

EPMB EASIE Program Management Board
EPNL Effective Perceived Noise Level
EPNS Electro-plated Nickel Silver
EPOL Elliptical Polarization

EPP Extended Projected Profile
EPR External and Public Relations

**EPROM** Erasable-programmable Read-only-memory

**EPRT** External Processing Response Time **EPS** Exercise Preparation Suite (Simulator)

**EPS** Emergency Power Supply

**EPS** Engineered Performance Standards

**EPS** EUMETSAT Polar System

**EPSG** European Petroleum Survey Group

**epsilon** (Greek Letter) Symbol for Azimuth Increment

EPSS Enhanced Packet Switched Service
EPSU European Public Service Union

**EPT** Estimated Parking Time

**EPT** EUROCONTROL English language Placement Test

**EPU** Effective Performance Time Estimated Position Uncertainty



EQ Equalizer (not Equipment!)
EQA European Quality Award
EQF EUROCONTROL Quality Forum
EQM Engineering Quality Manual
EQPM Equipment and Systems

**EQPT** Equipment (Instrumentation, Communication)

**Egpt** Equipment

**EQUATOR** Environment for Qualitative Temporal Reasoning (AI)

**Equipe R** Perception des redevances de route au titre des accords bilatéraux passés

avec des Etats non-contractants (Collection of Air Navigation Charges Under

Bilateral Agreements with Non-contracting States)

**ER** Elementary Restart

**ER** En-route

**ER** Executive Rule (for the use of Safety Management System)

**ER** Error

ER Essential Requirement
ER TC En-route Tactical Controller
ER-PC En-route Planning Controller
ERA European Regional Airlines

**ERA** Czech Republic Manufacturer of MLAT and ADS-B Equipment

**ERA** European Regional Airlines Organization

**ERA** European Research Area

**ERA** Economic and Regulatory Affairs (Unit)

ERA Economic Regulation Analysis
ERABIS (Swedish) Route Invoicing System
Electronic Route Availability Document

**ERAD** En-route Broadband Radar

**ERAF** EUROCONTROL Regulatory and Advisory Framework

**ERAM** EUROCONTROL Risk Analysis Method

**ERAM** EUROCONTROL Remuneration Adjustment Method

**ERAMTF** EUROCONTROL Remuneration Adjustment Method Task Force

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**ERAM** En-route Automation Modernization

**ERASMUS** En-route Air Traffic Soft Management Ultimate System

**ERATO** En route Air Traffic Organizer

**ERATS** Environmentally-responsible Air Transport

**ERBD** European Bank for Reconstruction and Development

ERC
 ERCG
 External Relations Coordination Group
 ERCS
 EXM Resistant Communications System

**ERD** Entity Relationship Diagram

**ERD** End Routing Domain

**ERDF** European Regional Development Fund

**ERDS** Error Recording Data Set ERDs End Routing Domains



**ERDT** Estimated Ready Time for Movement

**EREF** External Reference

**ERF** EUROCONTROL Regulatory Framework

**ERFA** Conference on the Economics of Route Air Navigation Facilities and Airports

(ICAO)

ERIP EAD Remote Interface Package
 ERIP ENDS En-route Information Display System
 ERIP EAD Remote Interface Package

**ERIS** EATMP Reference Industry-based ATM Simulation and Trials Platform

**Program** 

**ERIS eDEP** Early Demonstration and Evaluation Platform for Rapid Prototyping

**ERIT** Enhanced Radar Intelligent Tool

**ERM** En-route Metering

ERM En-route Spacing ProgramERM Estimate Revision MessageERM EMC Replication Manager (Eng.)

**ERML** ERM Long ERM Short

**ERMS** Environmental Remote Monitoring System

ERN Earth Referenced Navigation
ERN Erntebrück (Air Defense Station)
ERND European Route Network Design

**ERNIP** European Route Network Improvement Plan

**ERNP** European Radio Navigation Plan (European Commission)

**ERP** Extracted Route Points (FPPS/DECADE)

ERP Earth Rotation Parameters
ERP Effective Radiated Power
ERP Event-related Potential

**ERR** Error Message ERR En-route Radar

**ERRIDS** European Regional Renegade Information Dissemination System

ERS Early Retirement SchemeERS Environment Reporting SystemERS Extracted Route Sequence

**ERSA** Effective use of Reserved or Segregated Airspace EUROCONTROL Radar Surveillance Standard

ERT Execution Reference Time
ERT Expected Ready Time
ERV ECM Resistant Voice

**ERYM** Ex République yougoslave de Macédoine

ES Entry Sector
Entry Subjacent

**ES** Spain (ISO Country Code)



**ES** End Service

ES EUROCONTROL Standard Elementary Airspace

**ES** End System

ES Enhanced Surveillance
EX Extended Squitter

ES Emergency System (ODS)
ES-ES End System to End System

**ES&H** Environmental Safety and Health

**ES-IS** End System to Intermediate System (Routing Information Exchange Protocol)

**ES2** Experience Sharing to Enhance SMS

ESA European Space Agency
 ESA Emergency Safe Altitude
 ESA Electronically Scanned Array
 ESA Enterprise Systems Architecture

**ESA** Eastern Service Area

ESAM European Society of Aerospace Medicine
ESAO Environmentally Sustainable Airport Operations
ESARR EUROCONTROL Safety Regulatory Requirement

ESARR 5 EUROCONTROL Safety Regulatory Requirement for ATM Services' Personnel EUROCONTROL Safety Regulatory Requirement 1 Safety Oversight in ATM EUROCONTROL Safety Regulatory Requirement 2 Reporting and Assessment

of Safety Occurrences in ATM

**ESARR3** EUROCONTROL Safety Regulatory Requirement 3 Safety Management

Systems in ATM

**ESARR4** EUROCONTROL Safety Regulatory Requirement 4 Risk Assessment and

Mitigation in ATM

ESARR5 EUROCONTROL Safety Regulatory Requirement 5 ATM Services' Personnel EUROCONTROL Safety Regulatory Requirement 6 Software in ATM Systems EUROCONTROL Specification for ATM Surveillance System Performance

**ESB** Enterprise Service Bus

**ESC** Environment Services Component

**ESC** Enterprise Service Center

**ESC** Escape

**ESC** Eastern Service Center

ESC BD European ATM Systems and Convergence Business Division European ATM Systems and Convergence Business Division

**ESCAN** Electronically Scanned

**ESCAPE** EUROCONTROL Simulation Capability And Platform for Experimentation

**ESCAT** Emergency Security Control of Air Traffic **ESCE** En-route Broadband Secondary Radar **ESCO** Executive Support and Coordination Office

**ESCON** Extended Serial Connection

**ESDAP-SG** Enhanced Surveillance DAP Steering Group



**ESDF** Environmental Static Data Processing and Distribution Function

**ESDI** Enhanced Small-device Interface

**ESE** Equivalent Spherical Error

**ESE** East / South / East

ESF Equivalent Safety Finding
 ESF Essential Support Facilities
 ESF Extended Superframe Format
 ESG Extended Scenario Generator

ESH End System Hello EAD System Interface

**ESI-V** EAD System Interface - Validation

**ESIGETEL** Ecole Superieure en informatique et genie des telecommunications

**ESARR** Implementation

**ESARR** Implementation Monitoring and Support (Program)

ESIS Enhanced Status Information System
ESIS Environmental Safety Information System

**ESL** Entry Sequence List

**ESME** Enhanced Simulation Modelling Environment

**ESMTP** Enhanced SMTP

ESO European Standardisation Organisation
 ESOC European Security Operations Centre
 ESP European Safety Program for ATM
 ESP En-route Spacing/Sequencing (Program)

**ESP+** European Safety Program Plus

**ESPN-R** European Safety Promotion Network Rotorcraft **ESPOSA** Efficient Systems and Propulsion for Small Aircraft

**ESPRIT** European Strategic Program for Research and Development in Information

Technology

ESR European Staff Requirement (A 400M)
ESRA EUROCONTROL Statistical Reference Area
ESRC EAD Service and Royalty Charging Sub-group
ESRI Environmental Systems Research Institute

**ESRS** EUROCONTROL Standard Document for Radar Surveillance in En-route and

Major Terminal Area

**ESS** Epc Software Server

**ESs** End Systems

ESSAP European Strategic Safety Action Plan
ESSI European Single Sky Implementation
ESSI European Strategic Safety Initiative

**ESSIP** European Single Sky Implementation (Mechanism/Documents)

**ESSIP/LSSIP** European/Local Single Sky Implementation (Mechanism)

**ESSP** European Satellite Services Provider

**EST** Boundary Estimate Message **EST** Estimate message designator

Date: 2021-01-28



**EST** Estimate(d), Boundary Estimate Message

**EST** ATC Estimate

EST Eastern Standard Time, UTC -5h. (USA)
EST Estimate/ICAO Estimated Message

**ESTB** EGNOS System Test Bed

**ESTEC** ESA European Space Research and Technology Centre European Space Technology and Research Centre

**ESTEEM** Elaboration of a Strategy for the Transition from EATCHIP Phase III to the

**EATMS** 

**ESTI** European Telecommunications Standards Institute

**ESUG** European SIMMOD User Group

**ESUP** Eurocat Support System Environment Server

**ESVA** Enhanced Successive Visual Approach

**ESYS** En-route Equipment Systems

**ET** Executive Team (of CFMU)

ET Error Type
EXECUTIVE Task

**ET** (Shuttle) External Tank

**ET** Event Tree

**ETA** Extract, Transfer and Load

**ETA** Even Tree Analysis

**ETA** Estimated Time of Arrival / Estimating Arrival

**ETB** End of Transmitted Block

**ETCAS** Enhanced Traffic Alert and Collision Avoidance System

ESTIMATE TIME of Departure ESTE Estimated Time of Entry

ETFEuropean Transport Workers FederationETFDDElectronic Tabular Flight Data DisplayETFDMElectronic Tabular Flight Data Message

**ETFMS** Enhanced Tactical Flow Management System

ETFMS/DDS ETFMS Data Distribution System
ETG European GNSS Tripartite Group
ETG Enhanced Target Generator
EAD Terminal Interface

**ETIC** EUROCONTROL Test Tool for Intercentrum Communication

ETKR European Tracker Service
ETL Extended Track Label
ETL Estimated Time of Leaving

ETMAExtended Terminal Maneuvering AreaETMSEnhanced Air Traffic Management SystemETMSEnhanced Traffic management SystemsETNElectronic Telecommunications NetworkETNAExtranet for National Administrations



**ETO** Estimated Time Over

**ETO Engineering Technical Officer** 

**eTOD** Electronic Terrain and Obstacle Data

**ETOPS** Extended Range Operation; Extended Twin-engine Operation; Extended

Range Operation by Twin-engined Airplane

Estimated Take-off Time **ETOT** 

Estimated Time Overhead Exchange **ETOX** 

**ETP** éguivalent temps plein (Full-time Equivalent - FTE)

Runway Entry Point **ETR** ETSI Technical Report **ETR** 

Easy Transported Radar Analysis System **ETRAS** 

**European Travel Retail Council ETRC** 

**EUROCONTROL** Technical Requirements Model (EAS) **ETREM** 

European Terrestrial Reference Frame **ETRF ETRS** European Terrestrial Reference System European Emissions Trading System **ETS** Emissions Trading Scheme (EU) **ETS** 

Early Termination of Service (ETS) Scheme **ETS** European Telecommunications Standard **ETS** 

European Telecommunication Standards Institute **ETSI ETSI European Telecommunications Standards Institute** 

**ETSO** European Technical Standard Order

**ETS Support Facility ETSSF** 

Emissions Trading Scheme Workflow Automation Project **ETSWAP** 

**Environment Test Team** ETT

European TAAM Technical Sub-group **ETTSG** 

Estimated Time to Turnround **ETTT** 

**ETV Environment and Trajectory Validation** 

En-route Training Voice Communication Tool **ETVCT** 

**Enhanced Terminal Voice Switch ETVS** 

**Estimated Time Of Exit ETX** 

EU European Union EU Electronic Unit

**EU ETS EU Emissions Trading Scheme** 

European Union Emissions Trading Scheme **EU ETS** 

European Union Airport Coordinators Association (represent more than 120 **EU-ACA** 

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airports)

European Union Wide **EU-wide** 

**EUCARF** European Central Altitude Reservation Facility

European Federation of Airline Dispatchers Association **EUFALDA** 

**EUIR** European Upper Information Region

Europe Mediterranean Air Navigation Region (ICAO) **EUM** European Military Aviation Authorities Conference **EUMAAC** 

**European Military Committee EUMC** 



**EUMED** Europe Mediterranean Air Navigation Region (ICAO) **Eumed** Europe Mediterranean Air Navigation Region (ICAO)

**EUMETNET** European Meteorological Services Network

**EUMETSAT** Meteorological Satellites, Europäische Org. für die

Nutzung von met. Satelliten, Darmstadt (DE)

**EUNET** European Union Military Staff European Unix Network

**EUNIS** European Network Integration Study

EUR Euro
EUR Europe
EUR European

**EUR** ATN European ATN EUR ICAO European Region

**EUR** ANP Air Navigation Plan in Europe (ICAO Region)

**EURAFTN/AFS** Group on European Regional AFTN/AFS Implementation and Operation

**GERAC** Coordination

**EUR ANP** ICAO European Air Navigation Plan

**EUR RAN** European Regional Air Navigation (Meeting)

**EUR Region** European Region (ICAO)

**EUR-AFS** European Aeronautical Fixed Service Group (ICAO)

**EUR-ANP** European Air Navigation Plan (ICAO)

**EUR-FMG** European Frequency Management Group (ICAO)

**EUR-RAN** European Regional Air Navigation

**EUR/M** Mediation Service **EUR/W** Welfare Service

**EURACA** European Air Carrier Assembly

**EURAM**European Research in Advanced Materials
European ATM Military Directors Conference
EURAP
European Regional ATS Packet Switching Network

**EURATN** European Experimental Aeronautical Telecommunications Network

**EURATN** Experimental ATN Type Datalink in the Euret Program

**EUREF** IAG Sub-commission for Europe

**EURET** European Research for Transport (European Communities); Specific

Resource and Technological Development Program in the Field of Transport

**EURO** EUROCONTROL

**Euro 88** States and Regions in the CRCO Are in 1988 EURO/5-States EUROCONTROL/5-States Route Structure Group

**RSG** 

**EUROCONTROL** ECAC Area Rules for OAT-IFR

**EUROBIT** European Association of Manufacturers of Business Machines and

Information Technology

**EUROCAE** European Organization for Civil Aviation Equipment European Organization for the Safety of Air Navigation



**EUROMED** Euro-mediterranean Partnership (Algeria, Egypt, Israel, Jordan, Lebanon,

Morocco, the Palestinian Authority, Syria, Tunisia, and Turkey)

European Organization of Airline Pilots Associations **EUROPILOTE** 

EUROCONTROL Simulator at the Institute of Air Navigation Services **EUROSIM** 

Advanced Autonomous atc Training Work Station **EUROSIM EUROCONTROL** Routine Observation Safety Survey **EUROSS** Statistical Office of the European Communities **EUROSTAT EUTELSAT** European Telecommunications Satellite Organization

**EUUP** European Update Airspace Use Plan

**EV** Every

Earned Value EV

Enhanced Video Adapter **EVA EVA Enhanced Visual Acquisition** 

**EVAC** Evacuation

EUROCONTROL Voluntary ATM Incident Reporting (System) **EVAIR** 

Évaluation des services par liaison de données(FR) **EVALINK** 

**EATMS Validation Strategy EVAS** 

**EVAS Enhanced Vortex Advisory System** 

**Enhanced Video Control EVC** 

European Venture Capital Association **EVCA Emergency Voice Communications System EVCS** 

**EVFR** Electronic Visual Flight Rules

European Crisis Visualization Interactive Tool for ATFCM **EVITA** 

Earned Value Management **EVM EVP** European Validation Platform **EATMP Validation Project EVP Executive Vice President EVP** 

**EVP/CORA** EATMP Validation Platform for CORA Enhanced Visual (or Vision) System **EVS** 

Evaluation System (ODS) **EVS** Exploitation-vacation-sujetion **EVS** 

**Evaluation Task EVT** 

**EWA** Error/Warning Area EWA1 Error/Warning Area [1] EWA2 Error/Warning Area [2]

**EWAN EAD WAN** 

EGNOS Wide Area Network **EWAN** 

**EATCHIP Work Breakdown Structure EWBS** 

**EWC Enhanced Working Conditions Executive Working Group EWG** 

**EWIS** Electrical Wiring Interconnection Systems **EWOS** European Workshop on Open Systems

**EATMP Work Program EWP EWP EATCHIP Work Program** 



**EWP** Enhanced Working Position

EWPD EATCHIP Work Program Adaptation
EWPD EATMP Work Program Document
EWPD EATCHIP Work Program Document
EWPD Eatchip Work Package Definition
EWS Experimental Workstation Simulator

EWSEWSTEWSTESTIMATE Wait Stand TimeEWTEATMS Working Team (CSD)

EX Exercises
EX Execute
EX Excluded

**ex GDR** Ex German Democratic Republic

**EXAC** EUROCONTROL Exchange and Civil-Military ATM Information and

Coordination

**EXC** Executive Controller

**EXC** Except

**EXCDS** Extended Computer Display System (Canada)

**EXCEL** Microsoft Excel

**EXCOND ATFM** Exceptional Condition Notification Message

EXEC Executive Exercise(s)

**EXIT** Estimated Taxi in Time

**EXM** Exempt

**EXOT** Estimated Taxi Out Time

**EXP** Expected

EXP Expect(ed), Expecting (Status)
EXPLT Extrapolate, Extrapolation
EXSPEC Exercise Specification

**EXT** "External Services" Component of Safety Management System (CFMU)

**EXTD** Extend(ing)

**extra EUR** Regional AIS System Centre outside the ICAO EUR Region

**EZMW** Europäisches Zentrum für mittelfristige

Wettervorhersage



## 2.7. Letter - F

F&CM	Flow and Capacity Management
F&E	Facilities and Equipment Program (FAA)
F&E	Forschung und Entwicklung (DE)
F.435	ITU-T Recommendation F.435 on EDI Messaging Services
F.440	ITU-T Recommendations F.440 on Voice Messaging
F/D	Flight Director
F/G	Foreground
F/NAV	GALILEO's Freely Accessible Navigation Message Type
F/V	Flight visibility
F1	Keyboard Function Key (1)
F1	Framing Pulse 1
F15	Field 15 of Flight Plan
F18	Field 18 of Flight Plan
F2	Framing Pulse 2
F2WGO	Free Flight Working Group
f	Frequency
F	France
F	Fahrenheit (°F)
F	Fixed (Relating to Marine Lights)
FA	Fix to an Altitude
FA	Course from a Fix to an Altitude
FA	Final Acceptance
FA1	Flight Data Monitoring Area 1
FA2	Flight Data Monitoring Area 2
FAA	Federal Aviation Administration USA
FAA-STD-042	National Airspace System Open System Interconnection Naming
	and Addressing
FAAAC	FAA Aeronautical Center
FAACIS	FAA Communications Information System
FAAIP	FABEC ATFCM/ASM Implementation Project
FAAS	Flight Plan Assessment and Alert System
FAAST	FAA Safety Team
FAATC	FAA Test Centre
FAATC	FAA Technical Center
FAATSAT	FAA Telecommunications Satellite
FAB	Functional Airspace Block
FAB CE	Functional Airspace Block Central Europe (Austria, Bosnia and
	Herzogovina, Czech Republic, Hungary, Slovakia and Slovenia
FAB EC	FAB Europe Central (Belgium, France, Germany, Luxembourg,
	Netherlands, Switzerland)
FABEC	Functional Airspace Block Europe Central (Belgium, France,
	Germany, Luxembourg, Netherlands, Switzerland)
FAC	Flight Augmentation Computer



**FAC** Final Approach Course (same as IS)

**FAC** Facility

**FACC** Feature and Attribute Coding Catalogue FACET Fast ACC Capacity Evaluation Tool

**FACF** Final Approach Course Fix

**Facil** Facilitation

**FACT** Future Communication Architecture to Support Intra-Centre

Communications Between Air Traffic Management System

Components Based on TCP/IP

**FACTOR** Development of Functional Concepts from the EATMS Operational

Requirements

**FACTS** Future Area Control Tools Support

**FACUTL** Facility Utilization System

**FADE** Federal Aviation Administration's (FAA) Airline Data Exchange

**FADEC** Full Authority Digital Engine Control

**FAF** Final Approach Fix

**FAFEP** Fans Front End Processor

**FAI** Fédération Aéronautique Internationale (FR) **FAIRS** Federal Aircraft Management Information System

**FALBALA** First Assessment of the Operational Limitations, Benefits and

**Applicability** 

**FAK** First Aid Kit

**FAM** Fire Alarm Monitor

**FAM** Flight Activation Monitoring

**FAMIS** Federal Air Marshal Information System

**FAML** Family Leave

**FAN** FAN (Marker) (Navigational Facility) **FAN** False Alarm Normalizer (Radar)

**FANA** Federal Air Navigation Authority (Russia)

**FANOMOS** Flight Track and Aircraft Noise Monitoring System

**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 Air Traffic Management, New Systems, and Technologies

Integration in Cockpit

**FAP** Final Approach Point

**FAP** Future ATM Profile (Simulation Brétigny) (Profil ATM Futur)

**FAP** Frequency Allocation Panel

**FAPM** FTS2000 Associate Program Manager

**FAQ** Frequently Asked Questions

**FAR** False Alarm Rate

**FAR** Federal Aviation Regulation



**FAR** False Acceptance Rate

**FARADS** Feasibility of an ACAS RA Downlink Study

FARAWAY
FARE
Fallback ACT and FDPS Recovery Enhancement
FARM
Fielded Automation Requirements Management
FAROA
Final Approach and Runway Occupancy Awareness

**FAROS** Final Approach Runway Occupancy Signal

FAS Final Approach SegmentFAS Flight level Allocation SystemFAS Flexible Access System

FASC FAA Aviation Safety Center

FASID Facilities and Services Implementation Document (ICAO)

**FAST** Full Autonomous Separation Transfer

**FAST** Final Approach Spacing Tool

**FASTER** Future AO-ATM-airports Synergy Towards Enhanced Operations

**FASTI** First ATC Support Tools Implementation

**FASVAL** Value of the parameter FAS Factory Acceptance Testing

**FAT** File Allocation Table

**FAT** First-of-class Acceptance Test Force Aérienne Tactique (FR)

**FATA** Force Aérienne Tactique Alliée (OTAN) (Allied Tactical Air Force

(ATAF))

**FATA** Rosaviatsia (Russian Federal Air Transport Agency)

**FATAC** French Air Force Tactical Air Command

**FATCA** Federal Air Traffic Control Authority (Yugoslavia) **FATMI** Finnish Air Traffic Management Integration

**FATO** Rosavianadzor (Russian Federal Air Transport Oversight

Organization)

**FATUREC** Federation of Air Transport User Representatives in the EEC

**FAVES** FAA's Administrative Voice Enterprise Services

**FAX**Fax
Fax
Fax
Facsimile Equipment
Fax
Facsimile Transmission

FB Fallback
FB Fast Byte

FB Fluglärmbewertungsmaß (DE)

**FBL** Light, as Adjective Qualifying Icing, Turbulence, Interference

FBO Fixed Base Operator
FBS Fallback Switch (CSS)
FBS Fallback System/Switch
FBT Forecast Business Trajectory

**FBU** Flight Briefing Unit

**FBW** Fly-by-wire



FBZ	FPL Buffer Zone
FC	Frequency Change
FC	Frame Control
FC	Flight Crew
FC	Course from a Fix to a Distance
FC	Formalized Clearances
FC	Feeder Controller
FC	Funnel Cloud (Tornado, Waterspout)
FC	Forecast
FCA	Functional Configuration Audit (MAS - ODS)
FCA	Flow Constrained Area
FCAA	Finnish Civil Aviation Authority
FCB	File Control Block
FCB	Frequency Coordination Board
FCC	Federal Communications Commission
FCC	Flight Control Computer
FCC	Federal Communications Commission
FCC	Flow Coordination Cell
FCCS	Flight Control Computer System
FCD	Flow Control Decision
FCD	Flight Crew Data
FCDS	Frequency Channel and Distribution System
FCE	Flow Control Execution
FCG	Financial Consultation Group (AFG)
FCG	Frequency Coordination Group
FCI	Future Communications Infrastructure
FCL	Flight Crew Licensing
FCLT	Freeze Calculated Landing Time
FCLTP	Flight Crew Licensing and Training Panel (ICAO)
FCM	Flight Crew Member
FCM	Flight Confirmation Message
FCM	Flow and Capacity Management
FCNP	Fire Control and Navigation Panel
FCO	Future Concepts (EATCHIP Domain)
FCO	Flow and Capacity Operational Grades
FCOM	Flight Crew Operating Manual
FCOM	FSS Radio Voice Communications
FCOT	Future Concepts Team
FCPU	Facility Central Processing Unit
FCR	Flow Control Request
FCS	Flight Control Computer (Eurofighter)
FCS	Future Communication System
FCS	Frame Check Sequence
FCS	Flight Control System



FCS Frame Check Sequence (RMCDE)
FUTURE Communication Study

**FCS** Flight Conflict Store

**FCST** Forecast

**FCT** Federal Contract Tower

**FCTL** Flow Control

**FCTM** Flight Crew Training Manual

**FCU** Flight Control Unit

**FCWOS** Federal Contract Weather Observing Site

**FD** Course from a Fix to a DME Distance

FD Flight Data Position
Fd Doppler Frequency
FD Flight Director
FD Flight Data

FD Flight Data Assistant Role FDA Flight Data Assistant

**FDAT** Flight Data Entry and Printout (FDEP) and Flight Data Service

**FDB** Full Data Block

**FDCO** Flight Data Communication Object

FDD Frequency Division Duplex
FDD Flexible (Floppy) Disc Drive
FDD Flight Data Distribution

FDDI Fiber Distributed Data Interface

**FDDI** Fiber Optical Digital Data Interchange

FDE Flight Data Exchange/Entry
FDE Fault Detection Exclusion
FDE Failure Detection and Exclusion

**FDE ICD** Flight Data Exchange Interface Control Document

**FDE-ICD-P1** Flight Data Exchange Interface Control Document Part 1

FDEP Flight Data Entry and Printout
FDETXTF Flight Data Exchange Task Force
FDFM Flight Data and Flow Management

**FDFMG** Flight Data and Flow Management Group

FDG Flight Plan Data Generator
FDG Flight Data Group (MAS)
FDI FAA Departure Information
FDIO Flight Data Input/Output

**FDIOP** Flight Data Input/Output Center Flight Data Input/Output Remote

FDI2 ISO/IEC Standard for MHS Use of the Directory

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**FDM** Frequency Division Multiplexing

FDM Flight Data Message
FDM Flight Data Management
FDM Flight Data Manager



**FDM** Flight Data Monitoring

**FDMA** Frequency Division Multiple Access

**FDMAS** Flight Data Management Automated System **FDMD** Flight Data Management and Distribution

**FDMS** Flight Data Management System

**FDMSAW** Fully Digital Minimum Safe Altitude Warning

**FDO** Flight Data Operations/Operator

**FDO** Fdps Data Operator

**FDOD** Flight Data Operations Division

**FDP** Flight Data Processing / Flight-plan Data Processor

FDP Flight Duty PeriodFDP Flight Data ProcessingFDPA Flight Data Processing Area

**FDPD** Flight Data Processing and Distribution

**FDPE-TF** Flight Plan Related Data Exchange Task Force

**FDPI** Flight Data Processing Inter-operability (know as eFDP)

**FdpListCO** FDPLIST Communication Object Flight Data Processing System

**FDR** Flight Data Record

**FDR** Flight Data Recorder (CDB / CFMU)

FDR Federal Data Registry
FDS Flight Data Section
FDS Flight Data Specialist
FDS Fire Detector System
FDSU Flight Data Storage Unit
FDSUP Flight Data Supervisor

**FDT** Formal Description Techniques FDT Flight Deck Training Program

**FDX** Full Duplex

**FE** Functional Earth (Electrical Connection)

FE Framing Error
Flight Examiner

**FE** Tones Injected by the Far End Switch

**FEA/FCA** Flow Evaluation Area (FEA) / Flow Constrained Area (FEA)

**FEAST** First European Air Traffic Controller Selection Test

**FEATS** Future European Air Traffic Management System Concept

**FEB** February

FEC Forward Error Correction Forward Error Control

**FECN** Forward Error Congestion Notification Fonds européen de développement

**FED** Federal

**FEDCAD** Federal Civil Aviation Department (Republic of Serpska, Bosnia and

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Herzegovina)



**FEDER** Fonds européen de développement régional (FR)(ERDF)

**FEI** Flight Efficiency Initiative

**FEIS** Final Environmental Impact Statement

**FEO** Fund Executive Officer

**FEODP** Flight Edit and On-Demand Printing

**FEP** Front End Processor **FEP** Flight Efficiency Plan

**FERA-WoC** Flexible En-route Airspace in West of China Facility and Equipment Reporting System

**FES** Fixed Earth Station

**FESG** Forecasting and Economic Support Group (CAEP)

**FEV1/FVC** Forced Expiratory Volume (in One Second) (Forced Vital Capacity)

**FEVP** Fallback Equipment Verification Procedure FeW (Degree of Coverage of a Cloud Layer)

**FEW** Flight Economical Weight

**FF** Form Feed

**FF-ICE** Flight and Flow Information for a Collaborative Environment

**FFA** Functional Failure Analysis

**FFAC** From Facility

**FFAP** FAA Free Flight Action Plan

**FFAS** Free Flight Airspace Final Factory Inspection

**FFLA** Flexible Flight Level Assignment

**FFM** Frankfurt am Main (DE)

**FFM** Free Flight Mode Filed Flight Plan

**FFPE** Fédération de la Fonction Publique Eurpéenne (FR)(Trade Union)

**FFPG** FABs Focal Point Group (Platform)

**FFR** Fire Fighting

**FFRDC** Federal Funded Research & Development Center

**FFS** Führungs und Förderungs System (DE)(Leadership and Promotion

System)

**FFSC** Free Flight Select Committee (RTCA)

FFT Fixed Field Transponder
FFT Fast Fourier Transform
FFT Free Flight Track

**FFTF** Future Functions Task Force (EUROCONTROL)

FFU Fire Fighting Unit
FG Functional Group
FG Focus Group

**FG** Fog

**FGA** Future Graphics Array

**FGCS** Flight Guidance Control System

**FHA** Functional Hazard Assessment



**FHSS** Frequency Hopping Spread Spectrum

**FHT** File Handle Table

**FI** Finland (ISO Country Code)

**FI** Flight Instructor

FIAO Flight Inspection Area Office
FIAT First Installed Article Test
FIB Forward Information Base
FIC Flight Information Centre

**FIC** Frequency Intercom

**FICAN** Federal Interagency Committee on Aviation Noise

**FICO** Flight Inspection Central Office

**FICON** Federal Interagency Committee on Noise

FID (International) Federation for Information and Documentation

FIDS (Swedish) Flight Information Display System

FIE Flight Instructor Examiner
Field Fields Containing Data Items

**FIFO** First-in, First-out

FIFO Flight Inspection Field Office
FIFOR Flight (Weather) Forecast
FIFU Financial Information for Users

**FIFU/TF** Task Force on Financial Information to Users

**FIG** Figure

**FIG** Flight Inspection Group

**FILTIM** Date and Timestamp of Original Message

FIM Flight Information Message
FIM Financial Management Unit
FIM Flight Deck Interval Management
FIN Fingerprint Identification Number (US)

**FIN** Finland

**FIN** TCP Close Connection Message

**FIN** Financial Services **FINC** Job-seeking

**FINO** Flight Inspection National Field Office

**FIO** Flight Inspection Office

**FIP** Facility Improvement Program

**FIPS** Flight Increase Process

FIPS Federal Information Processing/Publication Standards (USA)

**FIR** Flight Information Region

**FIRE** Fire Station

**FIRMR** Federal Information Resource Management Regulation **FIRO-B** Fundamental Interpersonal Relations Orientation - Behavior

**FIRPS** Flight Inspection Reports Processing System Flexible Independent Radar Skill Trainer



FIS Field Instruction System

FIS Flight Information Service/System FIS Financial Information System

FIS-B Flight Information Service - Broadcast Flight Information Service - Automated **FISA** Flight Information Services Communications **FISC** 

Flight Information Services Data Link **FISDL** 

Federal Information Security Management Act of 2002 **FISMA** 

**FISO** Flight Information Service Officer

Flight Information Service Officer Licence **FISOL** 

Factory Inspection Test **FIT** 

Factory Inspection Test/Testing **FIT** 

First Transfer **FIT** 

**FIT FANS Interoperability Team FIT** Flight Plan Input Terminal Flight Integration Task **FIT** 

Flight Trials of ATN and Mode S **FITAMS** FAA/Industry Training Standards **FITS** 

**FIW** Flight Input (Information) Workstation (IFPS) FIX Point at which a Flight Plan HOLD Acts

**FIX** Fixed FIM (N-FDPS)

**FIX Fixpoint** 

Flight Information Exchange Model **FIXM** 

Führungskräfte Entwicklung in der DFS (DE) (Management **FKE** 

Development Program)

Flight Level, Unit of Altitude (Expressed in 100's of Feet) FL

Forward Link FL **FL300** Flight Level 300 FL350 Fliaht Level 350

**FLAG** 5-LIVES Advisory Group

Trade Mark, Flight Alarm", Commercial Low-cost Collision-**FLARM** 

Avoidance System

Flight Level Allocation System/Scheme **FLAS** 

Flight Level Allocation Scheme **FLAS** 

**FLB** Fallback (N-FDPS) **FLC** Flight Level Cap

Field **FLD** 

Floppy Disc Drive **FLD** 

**FLDS** Flight Loads Data System

Flight Level Figures **FLFIG** 

**FLG** Flashing

**FLID** Flight Identification

Flight Information Publication **FLIP** 

Flight ID Flight Identity (Callsign Used in Flight)



Flight Intent Trials **FLINT** 

Flight Information Publication **FLIP** 

**FLIPCY** Flight Plan Consistency Flight Path Intent **FLIPINT** 

Forward Looking Infra-red **FLIR** Flight Recorder Panel (ICAO) **FLIRECP** 

Flight Recorder Panel **FLIRECP** Front Line Manager **FLM** 

Future Land Mobile Public Telecommunications Systems **FLMPTS** 

**FLO** Flow Meetings

ATS/ATFM Coordination Meeting (ICAO) **FLO** ICAO ATS/ATFM Coordination (Europe East) **FLOE** Informal Flow Control Meeting (Europe East) **FLOEast FLOPC** Flight Operations Performance Committee

**FLOS** Flight Level Orientation Scheme

Informal ATS / ATFM Coordination Meeting (Europe West) **FLOW** 

FLOW controller **FLOW** 

Informal Flow control Meeting (Europe West) **FLOWest** 

**FLOWSIM** Traffic Flow Planning Simulation **NOTAM on ATFM Measures FLOWTAM** 

**FLR** Flares

**FLS** Flight Suspension Message Fair Labor Standards Act **FLSA** 

**FLT** Flight Flight Leg **FLT LEG** Flight Plan FLT/PLN

Flight Level Table **FLTAB** Flight Check **FLTCK** Flight Lea **FLTLEG** 

Flexible Luxembourg Training Platform **FLTP** 

Flight Visibility **FLTVIS** 

Fluctuating(ed), Fluctuation **FLUC** 

Follow, Following **FLW** 

**FLY** Fly, Flying

**FM** From ...

Course from a Fix to a Manual Termination **FM** 

Frequency Management **FM** Frequency Modulation **FM** 

Flow Manager **FM FMA** Final Monitor Aid

**FMAQ** Flight Management Attitudes Questionnaire **FMC** Flight Management Computer/Control

**FMC** Frontline Managers Courses

Flow Management Coordination Group **FMCG** 



**FMCS** Flight Management Computer System

**FMD** Flow Management Division Failure Mode Effects Analysis

**FMECA** Failure Modes, Effects and Criticality Analysis

**FMF** Facility Master File

**FMG** Frequency Management Group Flow Management Group (ICAO)

**FMGC** Flight Management and Guidance Computer

**FMGES** Flight Management Guidance Envelope System (Airbus)

**FMGS** Flight Management and Guidance System

FMI Fonds monétaire international (International Monetary Fund)

**FMIS** FTS2000 Management Information System

FMIT Flight Message Transfer Protocol FMO Flow Management Operation FMO Facility Management Office FMP Flow Management Position FMP Field Maintenance Party

**FMPG** Flow Management Planning Group

Fernmelderegiment (DE) **FmRgt** Flexible Manufacturing System **FMS FMS** Flow Management Services **FMS** Flow Management System Flight Management System **FMS** Facility Management Service **FMS FMS** Financial Management System Flight Message Transfer Protocol **FMTP** 

**FMU** Flight Management Unit Flow Management Unit

FN Flight Notification
FN Format Number
FN False Negative
FNA Final Approach

**FNM** Flight Notification Message

**FNM** Flugsicherung Niederlassung Maastricht (DFS)(DE)

**FNM** Flow Notification Message

**FNMS** FTS2000 Network Management System FNPT Flight and Navigation Procedure Trainer

**FNS** FREQUENTIS Network System **FNS** Federal NOTAM System (US)

**FO** Flight Object

FOC Flight Operations Briefing Note
FOC Full Operational Capability
FOC Final Operation Capability
FOC Flight Operations Control



**FOC/WOC** Flight/Wing Operations Centre Floor of Controlled Airspace

**FOCA** Federal Office for Civil Aviation (Switzerland)

**FOCS** Flow Optimisation Concept Scenario

**FOCUS** Futura Posición del Controlador para UCS SACTA (ES)

FOD Foreign Object DamageFOD Foreign Object DebrisFOG Fiber Optic Gyro

FOIA Fuel Oil Heat Exchanger
FOIA Freedom of Information Act
FO IOP Flight Object Interoperability

**FOIPS** Flight Object Interoperability Proposed Standard

**FOM** Figure of Merit (ICAO - ADS) **FOM** Flight Object Manager (iTEC)

**FOMS** Flight Operations Management System

**FONSI** Finding of No Significant Impact **FOQA** Flight Operations Quality Assurance

**FOR-DEC** Facts, Options, Risks and Benefits, Decision, Execution and Check

**FORC** FMD Ops Room Contingency

FORM Training (Formation)
FORTRAN Formula Translation
FOS Flight Object Servers

**FOU** Fiber Optics Transmission System Frequency of Use (CPDLC Messages)

**FOUO** For Official Use Only

Four-state BFWG Four-state Budgetary and Financial Working Group

FP Flight Plan
FP Flight Prediction
FP False Positive
FP Focal Point

**FP** Framework Program of the European Community for Research,

Technological Development and Demonstration

**FP5** Fifth Framework Program of the European Community for

Research, Technological Development and

Demonstration

FP6 Sixth Framework Program
FP7 Seventh Framework Program

**FPA** Flight Plan Activation False Plot Analysis

**FPAP** Flight Path Alignment Point

FPB Flight Progress Board FPC Flight Planning Centre FPCP Flight Path Control Point

**FPD** Flight Plan Data



**FPDE** Flight Plan-related Data Exchange **FPDE-TF** Flight Plan Data Exchange Task Force

FPDPS Front Panel Data Ports
FPDS Flight Plan Data Section
FPF Flight Plan Fallback
FPFS First Planned First Served

**FPGM** Flight Plan Generated Message

**FPH** Flight Plan History

FPI Fluorescent Penetrate Inspection
FPL Full-performance Level (US)

**FPL** Flight Plan

**FPL** Filed Flight Plan (Message Type Designator)

**FPL BRT** Flight Plan Bright (N-FDPS) **FPL EDIT** Flight Plan Edit (N-FDPS)

**FPLA** Flight Plan Handling Applications Section

**FPLA** Field Programmable Logic Array **FPLA** Flight Plan Application Section

**FPLMTS** Future Public Land Mobile Telecommunications System

**FPLR** Flight Plan Route

**FPLSG** (ICAO) Flight Plan Study Group

**FPM** Feet Per Minute

FPM Flight Plan Monitoring
FPM Flight Progress Message
FPM Flight Path Monitor
FPM Flight Plan Message
FPM Flight Position Monitor
FPM Flight Plan Management
FPO Flight Procedures Office

FPO Flight Plan OfficeFPO Flight Plan OperationsFPP Flight Plan Processing

**FPPS** Flight Plan Processing System **FPPS** Federal Personnel Payroll System

**FPPU** Flight Planning and Flight Progress Updating

**FPR** Flight Profile Restriction

**FPR** Flight Plan Route

**FPRDETF** Flight Plan related Data Exchange Task Force

**FPS** Functional Performance Specification

FPS Flight Plan Server
FPS Flight Progress Strip
FPS Flight Progress Strip
FPS Military Primary Radar
FPSP Flight Plan Service Provider

**FPT** Flight Plan Terminal



FPV FPWO	Flight Path Vector Flight Plan Work Station Operator
FPZ	Flight Path Zone
FQIS	Fuel Quantity Indication System
FQM	Flight Plan Query Message
FQR	Formal Qualification Review
FQR	Factory Qualification Review
FQR	Flight plan Query Reply
FQT	Formal Qualification Testing
FQUO	For Official Use Only
FR	France (ISO Country Code)
FR	Frame Relay
FR	Financial Regulations of the Agency
FR	Fuel Remaining
FR	Flight Route
FRA	Failure Reporting and Analysis (ODS)
FRA	Free Route Airspace
FRAC	Free Route Airspace Concept (EUROCONTROL)
FRAC	Final Review and Comment
FRAL	Free Route Airspace Lisboa (FIR)
FRAM	Free Route Airspace Maastricht
FRAMaK	Free Route Airspace Maastricht and Karlsruhe
FrameAPS	Frame Maker Aeronautical Publishing System
FRAP	Free Route Airspace Project
FRAP5	5th Free Route Airspace Project
FRAS	Free Route Airspace Sweden
FRB	Failure Review Board (ODS)
FRBK	Flugroutenbelastungskennzahl (DE)
FRC	Request Full Route Clearance
FRCP	Full Remote Control Panel
FRD	Facility Reference Data
FREE	Free the PSSR for Reallocation
FREER	Free Route Experimental Encounter Resolution

Frequency **FREQ** 

**FREER** 

**FREGATE** 

**Next Sector Frequency** Freq

Fast-time Roster Emulation Tool **FRET** 

Freer Flight

Further Route of Flight **FRF** 

**FRG** Federal Republic of Germany

FRI

Flight Crew Reaction Time to ATC Line up Clearance **FRLC** 

d'Anticipation des Tâches Excessives (FR)

Financial Resources Management Core Team **FRM** 

Filtre de Régulation Ergonomique de la Gestion des Secteurs and



**FRMR** Frame Reject

**FRMS** Fatigue Risk Management System Facility Roster Management System

**FRN** Field Reference Number

**FRNG** Firing

**FROG** Free Flight Rocket Over Ground

**FROM RIT** From Reroute Issue Time

**FRONT** (Weather) Front

**FRONTEX** European Agency for the Management of Operational Cooperation

at the External Borders of the Member

States of the EU

**FRP** Federal Radionavigation Plan

**FRQ** Frequent

**FRR** False Rejection Rate **FRS** Future Radio System

**FRS** Functional Requirements Specifications

**FRT** Fixed Radius Transition

**FRTT** Flight Crew Reaction Time to ATC Take-off Clearance False Replies Unsynchronized to Interrogator Transmission

**FRUIT** False Replies Unsynchronized In Time

**FS** Fast Select

**FS** Functional Specification

**FS** Frame Status

**FS** Functional Statement (ICAO)

**FS** Flight Segment

**FS** Flight Status (Control Bits)

FS Flight Standard
FS File Separator
FS Foot Switch (VCS)
FS Flight Plan Server
FSA First Stop Altitude

**FSA** First System Activation (Message) **FSAS** Flight Service Automation System

**FSC** Flight Services Component

**FSCAP** Flight Safety Critical Aircraft Parts

FSD Full Scale Development
FSD Flow Situation Display
FSD Full Scale Deflection

**FSD** TF Functional Specification Development Task Force (EASIE/MODE-

S)

**FSDM** Forecasting, Statistics and Data Management

**FSDO** Flight Standards District Office

**FSDPS** Flight Service Data Processing System **FSEP** Facility, Service, and Equipment Profile



**FSF** Flight Safety Foundation **FSFO** Flight Standards Field Office

**FSH** Flight Shift Message

Flight Service Information Area Group **FSIAG** Flight Safety Information Exchange (ICAO) **FSIX** Flight Safety Information Exchange (ICAO) **FSIX** 

Flugsicherungskontrolldienst (DE) **FSK** 

**FSK** Frequency Shift Keying Full Stop Landing **FSL** Finite State Machine **FSM** 

**FSM** Frequency Shift Modulation Flight Schedule Monitor. **FSM** Frequency Selection Module **FSM** 

**FSP** Flight Strip Printer **FSP** Flight Service Predictor Freeze Speed Parameter **FSPD** 

Field Specification (ASTERIX)(Field of Variable Length, Indicating **FSPEC** 

which Data Fields are Present in a Record and in which Order)

**FSR** Flight Suspension Request Message Facility Security Risk Management **FSRM** 

**FSS** Fixed Satellite Services **FSS** Flight Service Station (US) Flight Service Station **FSS** 

**FSSA** Final State Selected Altitude

Flight Service Station Automated Service **FSSA** 

**FSSkt-A** Flugsicherungs Sektor-A (DE)

First **FST** 

**FST** Fuel Storage Tanks

Flight Simulation Training Device **FSTD** 

Flight Simulation Training Device (Airplane) FSTD(A) Fight Simulation Training Device (Helicopter) FSTD(H)

Federal Secure Telephone Service **FSTS** 

Functional Standards Test Specifications **FSTS FSYS** Flight Service Station Equipment Systems

Feet (100 of Which Make 1 FL) FT

FT Foot (12 Inches) Fast Track FT Filing Time FT Fault Tree FT

Fault Tree Analysis **FTA** 

**FTAM** File Transfer and Access Method

**FTAM** File Transfer Access Management (Protocol) **FTAM** File Transfer Access and Management (Protocol)

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Fast Time Constant **FTC** 



FTE Full Time Equivalent (Post)
FTE Functional Time Equivalent
FTE Flight Technical Error
FTFM Filed Tactical Flight Model
FTI FUA Temporary Instruction

FTI FAA Telecommunications Infrastructure

FTI Flight Test Instructor
FTL Flight Time Limitation

FTL.1 Commercial Air Transport by Airplane — Scheduled and Charter

Operations

FTMn False Track Length Mean FTP File Transfer Protocol FTP Fictitious Threshold Point FTprob False Track Probability FTPS FTP Server System

FTS Functional and Technical Specification

**FTS** Fast Time Simulation System **FTS** Flight Time Specifications

**FTS** Federal Telecommunications System

**FTS2000** Federal Telecommunications System 2000 False Track Length Standard Deviation

**FTT** Flight Test Team

FTT Flight Technical Tolerance

FTTC Fiber to the Curb FTTH Fiber to the Home FTTN Fiber to the Node

**FU** Smoke (Fume)

**FUA** Flexible Use of Airspace

**FUAG** Flexible Use of Airspace Group (Sub-group of APT)

**FUCO** Functional Budget Functional Cost Base

**FUCOZOC** Fuel Consumption Estimator in a ZOC

**FUG** Feast User Group

FUI Flight Plan User InterfaceFUM Flight Update MessageFUS Functional Units or Systems

**FUSE** Frequency Usage analysis in Europe Frequency Utilization in Europe

**FUSG** Flexible Use of Airspace Sub-group (Sub-group of ANT)

**FUT** Future

**FUT** Frequency Usage Transparency

**FUT FCO** Future Concepts

**FVHF** Future VHF System Study Flugverkehrskontrolle



FVS	Flight Verification System
FW	Functional Window
FW	Flow
FWC	Flight Warning Computer
<b>FWCS</b>	Flight Warning Computer System
FWS	FAA Weather Service
FWW	Flugwetterwarte (DE)
FX	Field Extension
FX	Field Extension Indicator
FY	Fiscal Year
FYI	For Your Information
FYP	Five Year Program
FYROM	Former Yugoslav Republic of Macedonia
FZ	Freezing
FZDZ	Freezing Drizzle
FZFG	Freezing Fog
FZLVL	Frezzing Level
FZRA	Freezing Rain

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Authors: N. Rieck & M.-M. Temme



## 2.8. Letter - G

G	General Aviation Flight Type
G	Group Training
G	Gust
G-G	Ground to Ground
G-MARS	GBAS Monitoring and Reference Station
G-SDPD	Ground - Surveillance Data Processing and Distribution
G.114	ITU-T Recommendation: One-way Transmission Time
G.703	ITU-T Recommendation for Transmitting Voice Over Digital Carriers
G.704	ITU-T Recommendation: Framing Specification for G.703.
G.711	ITU-T Recommendation for PCM Voice Coding
G.721	ITU-T Recommendation: Quantization Differential Encoding Pulse
	Code Modulation.
G.728	ITU-T Recommendation: LD-CELP Voice Coding
G.729	ITU-T Recommendation: CS-ACELP Speech Coding
G.783	ITU-T Recommendation: Characteristics of Synchronous Digital
	Hierarchy (SDH) Equipment Functional Blocks
G.803	ITU-T Recommendation: Architecture of Transport Networks Based
	on the Synchronous Digital Hierarchy (SDH)
G.811	ITU-T Recommendation: "Timing Requirements of Primary
	Reference Clocks" Defines Requirements of Level 1 Primary
	Reference Clock Systems"
G.822	ITU-T Recommendation: Controlled Slip Rate Objectives on an
	International Digital Connection
G.825	ITU-T Recommendation: The Control of Jitter and Wander within
	Digital Networks which are Based on the Synchronous Digital
	Hierarchy (SDH)
G/A	Ground to Air
G/A	Ground / Air
G/A/G	Ground to Air to Ground
g/dl	Grammes per Deciliter
G/G	Ground to Ground
G/S	Glideslope
G/S	Ground Speed
G/T	Gain over Noise Temperature Ratio
G/w	Gateway
G2G	Gate-to-gate
G3	Group 3 FAX
GA	General Aviation
GA	Ground Antenna
Ga-As	Gallium-arsenid
GA-P	General Aviation - Primary
GA-S	General Aviation - Secondary
GAA	General Aviation Activity



GAAA
 GAAP
 GAAS
 General Aviation Activity and Avionics
 Generally Accepted Accounting Principles
 Generic Approach for ATM Systems

**GAASR** Group of Air Navigation Service, Airport and Ground Aids Safety

Regulators

**GAATS** Gander Automated Air Traffic System

**GAC** Ground-Air Communications

GACC General Aviation Consultative Committee
GA CDR General Aviation Coded Departure Routes
GACS Generic ATN Communication Service

**GACSP** Global Aeronautical Communication Service Provider

**GAD** Ground Accuracy Designator

**GADIRU** GPS Air Data Inertial Reference Unit (A 400M)

**GADO** General Aviation District Office

**GADSS** Global Aeronautical Distress and Safety System

**GAEM** GPS Anomalous Event Monitor **GAES** Global Aviation Emissions Studies

**GAF** German Air Force

**GAFLO** German Air Force Liaison Officer

**GAFO** German Air Force Office

**GAFOR** General Aviation Forecast (Meteo)

**GAGAN** Geosynchronous Augmented Navigation System

**GAI** Guidance and Advisory Information

**GAIM** Global Aeronautical Information Management

**GAIT** Ground-Based Augmentation and Integrity Technique

**GALA** Galileo Architecture Definition

**GALILEO** European Satellite Positioning Constellation

**GAM** Generic Airport Model GAM Graphics Access Method

**GAMA** General Aviation Manufacturers Association

**GAME** GEADGE/ADKAR Message Exchange **GAMET** Area Forecast for Low-level Flights

**GANDD** GREPECAS Air Navigation Deficiencies Database

**GANIS** Global Air Navigation Industry Symposium

GANP Global Air Navigation Plan (ICAO)GAO Government Accountability OfficeGAO Government Accounting Office

**GAP** Global Action Plan

**GARB** Garbled

**GARP** GBAS Approach Reference Point GARS German Aviation Research Society

**GARTEUR** Group for Aeronautical Research and Technology in Europe

GASC Global Aviation Satellite Communications System
GASEL Generic ATFM Simulator Engine and Library



GASP	Global Aviation Safety Plan
GASR	Group of Aerodrome Safety Regulators
GASR	Global Aviation Safety Roadmap
GAST-D	GBAS Approach Service Type D - for Operations to CAT III
G. 13.1 2	Performance with Specific Aircraft Integration
	assumptions
GAT	Group for ATM Training
GAT	General Air Traffic (Civil)
GAT	General Aviation Terminal
GAT	
	Global Aviation Training
GATE	Group of ATM in the Eastern Part of the ICAO EUR Region
CATELINIZ	(Including Middle Asia)
GATELINK	Gate Aircraft Terminating Environment Link
GATM	Global Air Traffic Management
GATT	General Agreement on Tariffs and Trade
GAW	Gallium Acoustic Wave
GB	United Kingdom (ISO Countries Codes)
GB	Great Britain
Gb	Gigabyte
GBA	Geostationary Broadcast Area
GBAS	Ground-based Augmentation System
GBCC	Ground-based Control Complex
GBDA	Gestor de Base de Datos de Adaptación (ES) (Environment Data
	Base Manager)
GBLK	Gat Blocked SSR Codes
GBPS	Gigabits per Second
GBWG	Global Benchmarking Workgroup
GC	Great Circle
GC	Graphics Controller
GC	Ground Controller
GCA	Government Quality Assurance
GCA	Ground Controlled Approach
GCA	German Cockpit Association
GCAA	General Civil Aviation Authority (United Arab Emirates)
GCAS	Ground-based Collision Avoidance System
GCCS	Geostationary Communications and Control Segment
GCD	Great Circle Distance
GCE	General Condition of Employment
GCE	General Certificate of Education
GCID	Ground Continuity and Integrity Designator
GCL	Graphical Information Category Cursor Line
GCO	Ground Communications Outlet
GCR	
	Group Coded Recording Ground Control Sagment
GCS	Ground Control Segment



GCSE	General Certificate o	f Secondary Education

GCST Group for Coordination of STAR (Studies, Tests and Applied

Research)

**GCTA** Gestion des Courants de Trafic Aérien (FR) (ATFM)

**GCU** Generator Control Unit

**GCWP** Generic Controller Working Position

GD General Display and Data Handling
 GDCA General Directorate for Civil Aviation (SP)
 GDCE Ground Data-circuit Terminating Equipment
 GDCE Ground Data Communications Equipment

GDDM
 Graphical Data Display Manager
 GDE
 Ground Delay Enhancements
 GDF
 Graphic Definition Format
 GDI
 Graphical Device Interface
 GDL
 Graphics Definition Language
 GDLP
 Ground Data Link Processor

**GDM** Graphical Information Category Dynamic Maps

**GDOP** Geometric Dilution of Precision

GDP Gross Domestic ProductGDP Ground Delay Program (US)GDP General Data Processor

GDPR
 GDPS
 GBAS Differential Positioning Service
 GDQF
 Graphical Display and Query Facility
 GDS
 Gestionnaire de Supervision (FR)

**GDT** Gas Discharge Tube

**GE** Georgia (ISO Country Codes)

GEADGE German Air Defense Ground Environment
GEARS Generic Algorithmic Resolution Service
GEC Ground Track Equatorial Crossing

**GEDARC** Groupe d'Experts de Détection Automatique et Resolution des

conflits (SPACDAR)

**GEF** General Economic Factor

**GEM** Graphical Environment Manager

**GEMINUS** Galileo European Multimodal Integrated Navigation User Service

**GEMS** Generic Error-Modelling System

**GEN** General **GENL (GNL)** General

**GENOFIC** General North Sea Flight Information Centre

**GENOT** General Notice

**GENOVA** General Overall Validation for ATM

**GENSPACE** Generic Airspace and Environment for Common Use

**GEO** Geostationary Orbit



**GEO** GEO Point (Point that is Only Defined by its Geographical

Coordinates)

**GEO** Geographic, or True

**GEOInfoDBW** Geoinfodienst der Bundeswehr (DE) **GEOREF** Geographical Reference (Letters)

**GEORGI** Gender-based Organisational Impairment

**GEOS** Geo-stationary Satellite

**GEOSTAR** Multipurpose Satellite System Using Fixed Orbit Satellites (US)

**GeoTIFF** Geographic Transport Image File Format

**GEPNA** Groupe Européen de Planification de la Navigation Aérienne

(FR)(ICAO)

**GERAC** EANGP WG on Coordination of the Implementation and Operation

of an Improved

**GERT** Graphical Evaluation and Review Technique

**GES** Ground Earth Station (ICAO - ADS)

**GET** Generator

**GETALIS** Sistema de Gestão de Tráfego Aéreo de Lisboa (PT) (Future Lisboa

Air Traffic Management System)

**GETS** Grievance Electronic Tracking System

**GETS** Government Emergency Telecommunications Service

**GF** Generic Functional

**GFART** Greece, FYROM, Albania Real-time Simulation

**GFC** Generic Flow Control

**GFDI** GNSS Fault Detection and Isolation **GFE** Government Furnished Equipment

**GFI** General Format Identifier

**GFM** Graphical Information Category Fixed Maps

GFM Government Furnished Materials
GFP Generic Functional Protocol
GFP Government Furnished Property

**GFR** Guaranteed Frame Rate

**GFSK** Gaussian-filtered Frequency Shift Keying **GFTC** Generic Functional Transport Control

**GG** Gat General (Queue)

**GGC** Ground/Ground Communications

**GGC-SG** Ground/Ground Communication Sub-group GGCS Ground/Ground Communication System (ICAO)

**GGDC** Ground/Ground Data Communications

**GGDCSG** Ground/Ground Data Communications Sub-group

**GGSNIF** Ground/Ground Subnetwork Infrastructure

**GGT** Gamma Glutamyl Transferase

**GGVCSG** Ground/Ground Voice Communications Sub-group

**GHG** Greenhouse Gases

**GHMI** Ground Human-machine Interface



GHz	Gigahertz
GIACC	Group on International Aviation and Climate Change
GIANT	GNSS Introduction in the Aviation Sector
GIB	Global Navigation Satellite System Integrity Broadcast
GIB	GPS Integrity Broadcast
GIC	Geostationary Integrity Channel
GIC	GNSS Integrity Channel
GIC	Ground Integrity Channel
GIC	Geostationary Integrity Channel
GICB	Ground Initiated Comm-B Protocol (Mode-S)
GIDAB	General Information Data Base
GIEE	Groupement d'intérêt économique européen(FR)
GIF	Graphics Interchange Format
GIOVE	Galileo In Orbit Validation Element
GIP	Government Industry Partnership
GIPS	Global Initial Positioning System
GIPS	Gestion Informatisee du Personel en Salle(FR)
GIPS	General Image Processing System
GIPS	Giga Instructions Per Second
GIS	Geographical Information System
GIS	Geostationary Integrity Service
GISP	Global Internet Service Provider
GISS	GALILEO Interim Support Structure
GIT	Generic IT
GIVE	Grid Ionospheric Vertical Error
GJU	GALILEO Joint Undertaking
GLAN	Geographic Longitude of Ascending Node
GLB	Global System
GLD	Glider
GLLFC	Graphical Low-level Forecast
GLONASS	Global'naya Navigatsionnaya Sputnikovaya Sistema (RU) (Global
C1 0 C C	Navigation Satellite System)
GLOSS	Global Sea Level Observing System
GLS	GNSS Landing System
GLSU	GPS Landing System Unit
GLU	Ground Loading Unit (Eurofighter)
GLU	GNSS Landing Unit
GM	Greenwich Meridian
GM	Guidance Material
GM Gmbh	Global Menu Gemeinschaft mit Roschränkter Haftung (DE)
	Gemeinschaft mit Beschränkter Haftung (DE) Ground Movement Control
GMC GMC	Ground Movement Control  Ground Movement Controller
GMCC	
GIVICC	General National Airspace System Maintenance Control Center



**GMD** General Meeting of Directors

**GMDSS** Global Maritime Distress and Safety System

**GME** Global Model Extended

**GMGCS** Ground Movement Guidance and Control System

Geography Markup Language **GML** Ground Movement Planner **GMP** General Medical Practitioner **GMP GMR** Ground Movement Radar **GMS** Gate Management System Grants Management System **GMS** Ground Monitoring System **GMS Ground Monitoring Station GMS** Ground Movement Surveillance **GMS** 

GMS Geostationary Meteorological Satellite
GMSK Gaussian Minimum Shift Keying

**GMT** Greenwich Mean Time

**GMU** GPS (Height) Monitoring Unit Grupo de Mecánica del Vuelo (ES)

**GN** Global Network

GNAS General National Airspace SystemGNBL Gat non-blocked SSR CodesGNC Global Network Connect

**GNC** Global NAVCOM (IATA/ICAO Conference)

**GND** Ground

**GND** Ground Control Service/Facility

**GND** Ground Level GNDCK Ground Check

GNE Gross Navigational Error
GNI Ground Network Interface

**GNLS** GNSS Navigation and Landing System GNLU GNSS Navigation and Landing Unit

GNP Gross National ProductGNS Satellite Navigation (EEC)GNS Global Navigation System

**GNSS** Global Navigation Satellite System **GNSS-EUR** GNSS - European Applications Course

GNSS1 First Generation GNSSGNSS2 Second Generation GNSS

**GNSSP** Global Navigation Satellite System Panel (ICAO)

**GNSSU** Global Navigation Satellite System Unit

**GNU** GNSS Navigation Unit

**GOC** Galileo Operating Company

**GOES** Geostationary Operational Environmental Satellite

**GOESF** GOES Feed Point

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GOEST GOES Terminal Equipment
GOMP Gulf of Mexico Program

**GOMS** Goals, Operators, Methods, Selection (Rules)

**GOMT-PRC** General Office of Ministry of Transport of the People's Republic of

China

**GOS** Grade of Service

**GosNIIAS** Russian State Research Institute of Aviation Systems

GOSPAR GPS Operational Control System Performance Analysis and

Reporting

**GOTS** Government Off-the Shelf

**GOTV** GNSS Operational Test and Validation

**GP** General Procurement

**GP** Glide Path

**GPA** Glide Path Angle

**GPEA** Groupe Permanent de l'Espace Aérien (FR)

**GPEEC** Gestion de prévision des emplois, des effectifs et des

compétences(FR)

**GPI** Ground Position Indicator

GPI Graphics Programming Interface
 GPIP Glide Path Interception Point
 GPIWG Glide Path Intercept Waypoint
 GPM Geopotentielle Meter (DE)
 GPO Government Printing Office
 GPOSM Gat Position Management

**GPRA** Government Performance and Results Act

GPRS General Packet Radio ServiceGPS Global Positioning SatelliteGPS Global Positioning System

**GPS**Geographical Paging / Positioning System
GPSCO
General Plan Server Communication Object

**GPSS** General Purpose Simulation System

**GPSSU** GPS Sensor Unit

GPSW GPS Wing (Formerly the JPO)
GPTP Guided Part-task Practice

GPU Ground Power Unit

GPV GNSS Performance Validation
GPW Ground Proximity Warning
GPWG

**GPWS** Ground Proximity Warning System

**GR** Grêle (FR) (Hail)

**GR** Greece

**GRACE** Geographical Association and Classification of Events

**GRADE** Ground Return Area Digital Eliminator **GRADE** Graphical Airspace Design Environment

**GRADU** Gradual



GRAM
GPS Receiver Application Module
GRANAS
Global Radio Navigation System (D)
GRAS
Global Remote Access Service

**GRAS** Ground-based Regional Augmentation System

**GRASS** Grass Landing Area

**GRC-ITD** Green Rotorcraft Integrated Technology Demonstrator

**GRD** Aerodrome Ground Controller

**GREPECAS** Caribbean/South American Regional Planning and Implementation

Group

**GRF** Global Reporting Format for Runway Surface Conditions

**GRH** Gestion des ressources humaines

**GRI** Group Repetition Interval GRIB Gridded Binary Code

**GRID** Meteo Data in GRID Point Value form, in Aeronautical Meteo Code

**GRIGRI** Gestures, Recognition on Interactive Graphical Radar Images

**GRM** Graphical Route Modification **GROBI** Graphical Object Interface

GROUP SIMUL
 GRRT
 Group Rerouting Too
 GRS
 Grob-rundsicht Radar (DE)
 GRS
 Ground-based Radio Station
 GRSS
 Global Runway Safety Symposium

**GRVL** Gravel Group Work

**GS** Ground Speed

**GS** Glideslope (Indicator)

**GS** Ground Stop (Program) (US)

**GS** Guaranteed Service

**GS** Glide Slope

**GS** Graphical Station Ground Station

**GS** Graupelschauer (DE) (Small Hail or Snow Pellets)

**GSA** Ground Surveillance Application

GSAGSAGNSS Supervisory AuthorityGSAGeneral Services Administration

**GSB** Galileo Security Board

**GSC** Gaining Stakeholder Commitment (EATM)

GSC
 GSCU
 Ground Station Control Unit
 GSE
 Ground Service Equipment
 GSE
 Ground Support Equipment

**GSFL** Groupe d'experts 'Sélection, formation et licences du personnel

ATS' (ATS Selection, Training and Licensing Panel)



**GSG** Governance Study Group

**GSIF** Ground Station Identification Frame

**Gsimul** Group Simulation **GSIMUL** Guided Simulation

**GSIO** Gat Sector Input Operator

**GSM** Graphical Information Category Scale Marking

**GSM** Groupe Spécial Mobile

**GSM** Global System for Mobile Communications

**GSN** Goal Structuring Notation

**GSNA** Ground-Supported Navigation Advisory

**GSO** Group of Senior Officials **GSO** Geosynchronous Orbit

**GSOC** German Space Operations Center (DLR)

GSS Graphics System Software
GST GALILEO System Time
GSTB Galileo System Test Bed

**GT** Ground Transmitter

Ghost Track Rate (Radar Standard)

**GTB** General Tool Box

**GTBF (4 Etats)** Groupe de travail budgétaire et financier (FR) (Four-State Budgetary

and Financial Working Group)

**GTC** Gain Time Control

GTE Groupe tripartite européen
GtG Gate to Gate (Program)

GTID Group Training - Instructor-dependent
GTIS Ground-based Traffic Information System

**GTM** General Terrain Model

**GTMD** Group Training - Material-dependent GEOS Geosynchronous Transfer Orbit

Groupe de travail "Pensions" (Pensions Working Group)

**GTr** Ghost Track Rate

**GTRC** General Technical Requirements and Conditions

GTRF Galileo Terrestrial Reference Frame
 GTS Global Telecommunications System
 GTVS Ground Transponder Verification System

GUFI Globally Unique Flight Identifier
GUH Get U Home (Eurofighter)
GUI Graphical User Interface

**GUI** Guidelines

GUIDE General User Interface Device

GUKOS State Department of Space Means

GUS Geosynchronous Satellite Up-link Station

GUST Galileo User Support Transport

GUTMA Global UTM Association



GV	Group Validation
GVAT	Ground Vehicle ADS Transponder
GVCSG	Ground/Ground Voice Communications Sub-group
GVHRR	Geostationary Very High Resolution Radiometer
GVT	Group Validation Test
GVTS	Ground Vehicle Tracking System
GWDS	Graphic Weather Display System
GWG	GBAS Working Group
GWL	Graphical Information Category Weather Lines
GZ	Gesetzliche Zeit (DE)



### 2.9. Letter - H

h	Hour
h	Heading
Н	Height/High
Н	Hungary
Н	Heavy
Н	Helicopter
LI OEE A	Hand off Ac

Hand-off Accept H-OFF-A Hand-off Propose H-OFF-P

H.323 "Voice Over Ip" Standard Head of ATM Training Unit H/ATM

H/HRS Head of Human Resources and Services H/M/L High/Medium/Low (ATC Complexity)

Hand-off Accept H/OFF/A Hand-off Propose H/OFF/P

Head of Training Division H/TD

H/W Hardware

Hours 16, Availability 16 Hours/Day, 7 Days/Week H16 Hours 24, Availability 24 Hours/Day, 7 Days/Week **H24** 

H<sub>2</sub>A Japanese Launch Vehicle

Holding to an Altitude HA

High Availability HA

HA Handset

Holding Pattern to an Altitude HA

Height Above Airport HAA

**HAC** Hamburg Assistant Controller **HACO** Hamburg - Coastal project **Human Aspects Development** HAD

**HADAMARD** Multi-radar Processing Written in ADA Help Tool for Airspace Design EEC Studies **HADES** 

**HAE** Height Above Ellipsoid

HAI Helicopter Association International

HAL Height Above Landing HAL Human Assurance Level HAL Horizontal Alert Limit

HAL Holding and Approach to Land procedure

High Altitude Long Endurance **HALE** High Altitude, Low Opening **HALO HALS** High Approach Landing System

High Approach Landing System / Displaced Threshold Operations HALS / DTOP High-level All-purpose Monitoring and Management Equipment for **HAMMER** 

**RADNFT** 

HAN Hannover Sectors

Hellenic Air Navigation National Supervisory Authority **HANSA** 



HAPI	Helicopter Approach Path Indicator
HAPN	Highly Annoyed Population Number
HARE	Helping AMHS Roll-out in Europe
HARS	High Altitude Route System
HASP	Houston Automatic Spooling Program
HAT	Height Above Threshold
HAT	Height Above Touchdown
HATR	Hazardous Air Traffic Report
HAW	Horizontal Aid Window
HAZ	Hazard
HAZMAT	Hazardous Materials
HAZOPS	Hazard and Operability Study
НВ	Hot Air Balloon
HBN	Hazard Beacon
HBS	Hotline Back-up System
HBS	(Multi-Level) Hold Baggage Screening
НС	High Capacity
HC	Hydrocarbons
HCA	Human-centered Automation
HCAA	Hellenic Civil Aviation Authority (GR)
HCAP	High Capacity Carriers
HCC	Hamburg Coordinating Controller
HCD	Hard Copy Device
HCI	Human-computer Interface
HCn	High Capacity Needs
HCP	Hard Copy Printer
HCS	Host Computer System
HCT	Human-computer Trust
HCY	Hard Copy
HD	Harmonization Documents
HD	Help Desk
HDA	Hard Disc Assembly
HDAM	Hierarchical Direct Access Method
HDB	Historical Data Base
HDB3	Higher Density Bipolar Three Zeros Substitution
HDBK	Handbook
HDC	Hard Disc Drive Controller
HDD	Head Down Display
HDD	Hard Disc Drive
HDF	Hf Direction Finding station
HDG	Heading
HDG	Heading (True Heading)
HDG	Heading
HDL	High Level Document
	<del>-</del>

Date: 2021-01-28



**HDLA** Handling Agent

HDLCHigh-level Data Link Control (Protocol)HDLCHigh-level Data Link Communication

HDLC/LAP-B High-level Data Link Control / Link Access Protocol - Type B

**HDME** NDB with Distance Measuring Equipment

**HDOP** Horizontal Dilution of Precision

**HDQ** FAA Headquarters

**HDR** Hardware Discrepancy Report

**HDS** Help Desk Staff

**HDSL** High Bit Rate Digital Subscriber Line

**HDTV** High Definition Television

**HDX** Half Duplex

**HEAD** Flight by Head of State (Flight Plan Status Indicator)

**HEC** Header Error Control

**HEC** Hamburg Executive Controller

**HED** Heading

**HEFA** Hydro Processed Esters and Fatty Acid

**HEH** Hannover East High

**HEI** Human Error Identification

**HEIDI** Harmonization of European Incident Definitions Initiative for ATM

(SQS)

**HEL** Helicopter

**HEL** High Energy Laser

**HELI** Heliport

HELLANETHellenic aeronautical NetworkHELOHelicopter External Load OperationHEMSHelicopter Emergency Medical Services

**HEO** Highly Elliptical Orbit **HEP** Human Error Probability

**HEP** Horizontal Expansion Program **HERA** Human Error in ATM Analysis Tool

**HERAS** Hellenic Radar System

**HERMES** Harmonized En-route Metering and Spacing System Hermes Heuristic Runway Movement Event Simulation

**Hermes** HERMES Air Transport Organisation

**HESSD** Human Error, Safety and Systems Development HeTA Harmonized European Transition Altitude

**HEX** Horizontal Expansion (of 8.33 kHz Deployment)

**HEX** Hexadecimal

**HF** Human Factors

**HF** High Frequency (3-30MHz)

HF Holding to a FixHF Case Human Factors CaseHFDL High Frequency Data Link



**HFDR** HF Data Radio HFDU HF Data Unit

**HFFG** Human Factors Focus Group

**HFGS** HF Ground Station

**HFI** Human Factors Integration

**HFIAI** Human Factors in Incident and Accident Investigation (HRT)

**HFNPDU** High Frequency Subnetwork Protocol Data Unit

HFOMHorizontal Figure of MeritHFSHuman Factors StudiesHuman Factors Sub-group

**HFSG** Human Factors Study-group (ICAO)

**HFSMS TF** Human Factors in Safety Management Systems Task Force

**HFSNDP** HF Subnetwork Data Protocol

**hft** Hecto Feet

**HFTE** Human Factors Testing and Evaluating

**HFX** Holding Fix

**Hg** Mercury

**HGT** Height, Height Above

HHCHannover High Coordinator ControllerHHEHannover High Executive Controller

HHHHannover Hamburg HighHHLHannover Hamburg LowHours and Minutes

**HHMMSS** Hour to Hour / Minute to Minute / Second to Second

**HHO** Helicopter Hoist Operations

**HI FI SIM** High-Fidelity Simulator

**HICP** Harmonized Index of Consumer Prices

**HID** Host Interface Display

HID/NAS/LAN Lost Interface Device/National Airspace System/Local Area Network

**HIDE** Harmonized, Integrated Development Environment

**HI-EFAS** High Altitude EFAS

**HIEO** Highly Inclined Elliptical Orbit Satellite

**HIFA** Human Factors Integration in Future ATM Systems

HIGEHover in Ground EffectHILHuman in the LoopHILHorizontal Integrity Limit

**HILAS**Human Integration in the Lifecycle of Aviation Systems **HIMS**Hide Implementation Management Support (Group)

**HIO** Hamburg Input Operator **HIP** Hearing of Interested Parties

**HIPER-LAN** High Performance Local Area Network **HIPS** Highly Interactive Problem Solver

HIRIS Human Resources Information System

**HIRL** High Intensity Runway Lights



HIROHigh Intensity Runway OperationsHIRTAHigh Intensity Radio Transmission AreaHISACEnvironmentally-friendly High Speed Aircraft

**HIST** History

HIT Hughes Improved TerminalHIT Hardware Integration TestHITL High Intensity Taxiway Lights

**HITL** Human in the Loop

**HIWAS** Hazardous Inflight Weather Advisory Service

**HJ** Sunrise to Sunset **HLA** High Level Airspace

**HLAPB** High-Level Airspace Policy Body

**HLD** High-Level Document

**HLD** Hold List **HLD** Hold

**HLDC** High-level Data Link Control

**HLDG** Holding

**HLEN** Header Length High-level Group

**HLLC** High-level Link Layer Control **HLM** High-level Management

**HLM** High Low Mixed

HLR
 HLRIE
 HOST Lateral Intent Error
 HLS
 Hue, Lightness, Saturation
 HLT
 Heavy Load Threshold

**HM** Holding to a Manual Termination

**HM** Hold Message

**HM** Holding Pattern to a Manual Termination

**HMA** High Memory Area

**HMAI** Harmonization of Military Aeronautical Information

**HMATTF** Handling of Military Air Traffic Task Force

HMD
 HME
 Height Measuring Element
 HME
 Height Monitoring Element
 HMH
 Hannover Münster High

HMI Hazardously Misleading InformationHMI Human Machine Interface/Interaction

HML Hannover Münster LowHMR Helicopter Main RoutesHMS Head of Medical Service

HMSOHMTHANDHANDHeight Monitoring Unit (RVSM)



HMZ	Slovenian National Hydrometeorological Institute
HN	Sunset to Sunrise
HN50	Incident ayant pour conséquence une réduction de séparation
	inférieure à 50% du minimum de séparation radar
HN70	Incident ayant pour conséquence une réduction de séparation
	inférieure à 70% du minimum de séparation radar
HND	Hand Over Keyboard Button
HNS	Host Nation Support
HNSE	Horizontal Navigation System Error
НО	Hours Office, Availability During Office Hours
HOA	Hand-off Acceptance
HOA	Hand-off Accept
HOGI	Harmonization of Operational Air Traffic and its General Air Traffic
	Interface
HOGE	Hover Out of Ground Effect
HOL	High-order Language
HOL	Holiday
HOLD	Hold(ing)
HOLD	Hold (Flight Plan Navigation)
HOLD	Hold an Incoming Call while Making Another
HOOD	Hierarchical Object Oriented Design
HOP	Harmonization of Operational Procedures
HOP	Hand-over Proposal
HOP	Hand-off Propose
Hor	Horizontal
HOSP	Medical (Hospital) Flight (Flight Plan Status Indicator)
HOT	Holdover Time
HOV	High Occupancy Vehicle
HP	High Precision
HP	Hewlett Packard
HP	Human Performance
HP	Horizontal Polarization
HP	Horse-power
HP-UX	Hewlett Packard Unix
HPA	High Power Amplifier
hPa	Hectopascal
HPC	Hughes Programming Centre
HPD	Horizontal Polar Diagram
HPE	High Precision Equipment
HPE	Horizontal Position Error
HPFG	Human Performance Focus Group
HPL	Horizontal Protection Level
HPL	Horizontal Position Limit
HPMS	Human Performance Management System



HPO High Performance Option
HPOL Horizontal Polarization
HPP Hardware Plot Processor
HPR High Performance Routing
HPRS Hide Problem Reporting System
HPRT Human Performance Steering Full

**HPSF** Human Performance Steering Function **HPSF** Human Performance Steering Function

**HPZ** Helicopter Protection Zone

**HQ** Headquarter

**HR** Hours

**HR** Croatia, Republic of Croatia (ISO Country Code)

HR Human ResourcesHR Hight Resolution

**HRA** Human Reliability Assessment/Analysis

**HRD** Human Resources Directorate

**HRFG** Human Resources Framework Group

**HRFGS** Human Resource, Finance and General Services Bureau

**HRH** Hannover Ruhr High

HRI Human resources International (Israel)HRIS Human Resources Information System

**HRL** Hannover Ruhr Low

**HRM** Human Resources Management Human Resources Management Team

**HRP** Human Resources Planning and Corporate Services

**HRPTSG** Human Resource Planning and Training Study Group (ICAO)

**hrs** Hours

**HRS** Human Resources

**HRS/AIFM** Human Resources and Services/Agency Infrastructure & Facilities

Management

HRS/BPS Human Resources and Services/HRS Budget, Projects & System

Support

**HRS/COMP** Human Resources and Services/Compensation & Benefits

**HRS/CSS** Human Resources and Services/Corporate Security

**HRS/HRBP** Human Resources and Services/Human Resources Business

Partnering

**HRS/HWB** Human Resources and Services/Health & Wellbeing

**HRS/OFF** Human Resources and Services Office

**HRS/RSD** Human Resources and Services/Rules & Regulations & Social

Dialogue

**HRS/SPP** Human Resources and Services/Prevention & Protection at Work **HRS/WPSD** Human Resources and Services/Workforce Planning & Staff

Development

**HRS ATM** Human Resources Management Program (EATMP)



**HRS PSG** Human Resources Program Steering Group

**HRS/TSP-004-** ATCO Development Training

**GUI-06** 

**HRS/TSP-004-** Guidelines for Management Training for Operational ATM

**GUI-07** Supervisors"

**HRSC** Human Resources Steering Committee (Training Program Ab Initio,

CC)

HRT Human Resources TeamHRV High Resolution VisibleHRV Heart-Rate Variability

**HS** Headset

**HS** Service Available During Hours of Scheduled Operations

HS-DTS High Speed Data Transmission SystemHSA Hollandse Signaal Apparaten (NL)HSCSD High-speed Circuit Switched Data

HSCT High-speed Civil Transport
 HSD Hardware System Design
 HSE Health and Safety Executive
 HSH Hannover Soling High

**HSI** Horizontal Situation Indicator HSI Horizontal Situation Indicator

**HSL** Hannover Soling Low **HSM** High Speed Modem

**HSM** Hierarchical Storage Management **HSN** Non-standard Headset Module

**HSNR** Highest Value of SNR **HSP** High Speed Printer

**HSP** Human Factors Sub-program

**HSPD** Homeland Security Presidential Directive

HSRPHot Standby Routing ProtocolHSSStandard Headset ModuleHSSIHigh Speed Serial Interface

**HSST** Helicopter Sub-sectorial Team (JAA)

HST High Speed Train
HST Hypersonic Transport

**HSUP** Hannover Sectors Supervisor

HSV Hue, Saturation, Value

**HT** High Tension Horizontal

HTA Hermes Training AircraftHTA Hierarchical Task AnalysisHTA Harmonized Transition Altitude

**HTAWS** Helicopter Terrain Avoidance and Warning System

**HTD** History Trial Dots



**HTII** Human Technology Integration **HTML** Hypertext Markup Language

**HTMS** Highway Transportation Management System

**HTP** Hardware Test Plan

**HTTP** Hypertext Transport Protocol

**HTTPS** Secure HTTP

**HTZ** Helicopter Traffic Zone

**HU** Hungary, Republic of Hungary (ISO Country Code)

**HUD** Head-up Display

HUD
 HUDLS
 Head-up Display Landing System
 HUFRA
 Hungaro Free Route Airspace
 HUM
 Human Factors Management

**HUM** Humanitarian Flight (Flight Plan Status Indicator)

**HUM BD** Human Factors Management Business Division (EUROCONTROL)

**HUM RES** Human Resources

**HUM-ACA** ATSEP Competence Assessor **HUM-CCA** Controller Competence Assessor

**HUM-CLASS** HUM-CLASS Content

HUM.ET1.ST05.4 Air Traffic Controller Training at Operational Units Edition 2, 29

**000-GU** June 99

**HUM.ET1.ST13.3** Critical Incident Stress Management

000-RE

**HUM02-ASP08** HUM02-ASP08 Use Commonly Based Team Resource Management

Concepts, Methods and Tools

**HUMR** Human Resources

**HUMS** Health and Usage Monitoring System

**HUP** Head Up Panel

**HV** Height Velocity

**HVAC** Heating, Ventilation and Air Conditioning

**HVDF** HF and VHF Direction Finding Stations Co-located

**HVO** Hydrotreated Vegetable Oil **HVPSU** High Voltage Power Supply Unit

**HVY** Heavy Hail

**HW** Hardware

**HWAL** Hardware Assurance Level

**HWAS** Hazardous In-Flight Weather Advisory

**HWCI** Hardware Configuration Item

**HWCO** Holding Window Communication Object

**HWG** Harmonization Working Group

**HWH** Hannover West High

**HWMTP** HW Maintenance Training Plan

**HWP** Holding Waypoint



HWS	Horizontal Wind Shear
HWU	Hardware Unit
НХ	No Specific Working Hours
HYB	Hybrid Position
HYR	Higher
Hz / MHz / GHz	Hertz (Cycle per Second) / Mega Hertz / Giga Hertz
HZ	Dust Haze
HZ	Нате



### 2.10. Letter - I

I Italy

**I&I** Impact and Implementation

**I&Q** In-phase and Quadrature Channels

**I(Fd)** MTI Improvement Factor I-AM-SAFE I-AM-SAFE Feasibility Study

**I-DCTS** Interim Digital Communication Terminal System

**I-GWG** International GBAS Working Group

**I-TCP** Indirect TCP

I/A If Applicable (CPDLC)I/A Incident AnalysisIAFSS International AFSS

I/F Interface

I/NAV GALILEO's Integrity Navigation Message Type

I/O Input / Output I/O Interoperability

I/R Interrogator / Responsor

**I001** Item in Data Category 001

Incident Type 1Incident Type 2

**I2RO** Incident Type 2 Reporting Office

Initial 4D

IA Indirect Access

IA International Alphabet
 IA Information Assurance
 IA Interoperability Assessment
 IA Interconnection Agreement

IA Impact AssessmentIA Instantaneous Access

IA-5 International Alphabet Number 5
IA/CC Indirect Access / Common Control
IA5 International Alphabet No. 5

IA; IAUIAAIAAIsrael Airports Authority

**IAAE** International Association of Airport Executives

**IAASM** International Academy of Aviation and Space Medicine

IAB Internet Activities Board

IAC Irish Air Corps

IAC Instrument Approach Chart

IACA International Air Carriers Association
IACH Individual ATC Flight Plan Changes

IACS INTERGRAPH Aeronautical Charting System

IACS Integrated Avionics Card System



IACSP International Aeronautical Communications Service Providers

IADB Inter-American Development Bank IAEA International Atomic Energy Agency

IAF Initial Arrival Fix
IAF Initial Approach Fix
IAF Israeli Air Force

IAFP Individual ATC Flight Plan Proposal

IAG Interim Airport Group

IAG International Association of Geodesy

IAG International Airlines Group

**IAGC** Instantaneous AGC

IAHA International Aviation Handlers' Association
IAIP Integrated Aeronautical Information Package

IAL International Air-radio Limited (UK)

IAL Instrument Approach and Landing (Chart)

**IALA** International Association of Lighthouse Authorities

**IAM** Institute of Aviation Medicine

IAMFInternational Aviation Monetary FundIANAInternet Assigned Numbers AuthorityIANSInstitute of Air Navigation Services

IANSSC IANS Steering Committee
IAO Internal Audit Office
IAO In and Out of Clouds

IAOPA International Council of Aircraft Owner and Pilot Associations

IAP Instrument Approach Procedure

IAPA Instrument Approach Procedures Automation

**IAPA** Implications on ACAS performances due to ASAS implementation

IAPL IFPS APL Message

IAPS Integrated Avionics Processing System

IAR Institutional Arrangements and Requirements Task Force

IAR Intersection of Air RoutesIAR Instrument Autonomous RulesIAR Investment Analysis Report

IARR Individual Arrival IARR IFPS ARR Message

IARTF Institutional Arrangements and Requirements Task Force

IAS International Accounting Standards

IAS Investment Analysis Staff
IAS Indicated Air Speed

**IASCC** International Air Safety and Climate Change Conference

IAS-TFA Implementation of Airspace Strategy - Task Force "A" of ASMSG

(EUROCONTROL-

**IAS-TFB** Implementation of Airspace Strategy - Task Force "B" of ASMSG

(EUROCONTROL-



IASA	International Aviation Safety Assessment
IASS	International Air Safety Seminar (FSF)

IAT Information Analysis Table
IAT International Atomic Time
IAT Investment Analysis Team

IATA International Air Transport Association

IATC International Air Traffic Control ICAO Air Transport Symposium IATTF IFPS Acceptance Test Task Force

IAVW International Airways Volcano Watch (ICAO Operational Sub-

group)

IAW Initial Airworthiness IAW In Accordance with

IAWP Initial Approach Waypoint

**IB** Information (Display) Button

IB Information Button, (Mouse / Trackball)
 IBAA International Business Aviation Association
 IBAC International Business Aviation Council

**IBAFO** Invitation to Submit a Best and Final Binding Offer

**IBAP** Industry-based Prototype

**IBC** Integrated Broadband Communications

**IBF** Institut für Begleitforschnung und psychologisches

Qualitätsmanagement (DE)

IBI Intergovernmental Bureau for Informatics
 IBIS ICAO Bird Strike Information System
 IB(I)LS Integrity Beacon Landing System
 IBM International Business Machines (US)

**IBN** Identification Beacon

IBP International Boundary PointIBP Industry-based PlatformIBR Intermediate Bit Rate

**IBRD** International Bank for Reconstruction and Development (BIRD)

IC Interrogator Code IC Integrated Circuit

IC Intercom

IC Implementation Center

IC Ice Crystals

IC/DS In Climb/Descent Spacing

ICA Independent Component AnalysisICA Instructions for Continued AirworthinessICAA International Civil Airport Association

ICADE Integrated CFMU Applications Development Environment

ICAEA International Civil Aviation English Association ICAO International Civil Aviation Organization

Title: Air Traffic Management Abbreviation Compendium Version: 1.0

Date: 2021-01-28 Authors: N. Rieck & M.-M. Temme



ICAO EUR European Region of the International Civil Aviation Organization

ICAO-CAEP
ICAO Committee on Environmental Protection
ICAO/NAT/SPG
ICAO North Atlantic System's Planning Group
ICAO SARPs
ICAO Standards and Recommended Practices

ICAO Five-Letter Name-Code and Route Designator System

ICAO EUR/NAT Regional Database

**ICAS** International Council of the Aeronautical Sciences

ICAT II-Code Allocation Tool

iCAT interactive Computer Assisted Training

ICATEE International Committee for Aviation Training in Extended

**Envelopes** 

**ICB** Industry Consultation Body

ICB International Competitive Bidding
ICBM Intercontinental Ballistic Missile

ICBWG Implementation and Capacity Building Working Group

ICC Inbound Control Channel
ICC Inter-Centre Coordination
ICC Inter-Centre Communications

**ICCAIA** International Coordinating Council of Aircraft Industry Associations

ICCB Information Change Control Board

ICCB Internet Control and Configuration Board ICCS Integrated Communication Control System

ICCT Internal Communications Core Team ICCU Intercomputer Communications Unit

**ICD** Increase Descent

ICD Interface Control Document ICD International Code Designator

ICE lce, lcing

ICET IATA Capacity Enhancement Team

ICHG IFPS CHG Message ICHG Individual Change

ICI Interface Control Information

ICIP Initial CIP (APT)

**ICL** International Computers Limited

ICL Increase Climb

ICM Intercom

ICMInterline Communications ManualICMMIntegrated Capability Maturity ModelICMPInternet Control Message ProtocolICMSIntegrated Control and Monitor System

ICNA Ingénieur du contrôle de la navigation aérienne (Air Traffic Control

**Engineer**)

**ICNI** Integrated Communications, Navigation and Identification

**ICNL** Individual Cancel (CFMU)



**ICNL** IFPS Cancellation Message

IFPS CNL Message **ICNL** 

Integrated Communication, Navigation and Surveillance **ICNS** 

Improved Configuration Optimizer ICO

Intermediate Circular Orbit **ICO** 

Interoperability Consulting Group **ICOG** 

**Involved Controllers ICON** 

**ICON** Icosahedral Non-hydrostatic Global Circulation Model

**ICO Network ICONET** 

Interactive Control Panel **ICP ICP** Internal CFMU Point

**ICP** Internal Clarification Project Interactive Conflict Resolution **ICR** 

Integrated Collaborative Rerouting (US) **ICR** 

**ICR** Integrated Cancellation Ratio

International Conference on Research in Air Transportation **ICRAT** 

Implementation Conformity Statement **ICS** Information and Communication Services **ICS ICSS** Integrated Communications Switching System International Communications Switching Systems **ICSS** Information and Communication Technology **ICT** 

**ICTS** Ice Contaminated Tailplane Stall **ICTZ** Intertropical Convergence Zone

Inter Clutter Visibility **ICV** 

Interface Control Working Group **ICWG** integrated Controller Working Position **iCWP** 

Integrated Control Work Station **ICWS** 

Identity/Identification ID Information Display ID

Identifier ID

Identification (ICAO) ID **IDA** Identification Area **IDA** Initial Distribution Area

Interchange of Data between Administrations **IDA** 

Date: 2021-01-28

**IDA** Indirect Access **IDAT** Interfacility Data Integrated Database **IDB** Indirect Digital Control **IDC** Integrated Data Dictionary **IDD** Interface Device Enhancement **IDE IDE** Integrated Drive Electronics

Squawk Ident **IDENT IDENT** Identification

Individual Departure **IDEP** 



**IDG** Integrated Database

**IDHS** Intelligence Data Handling System

**IDI** Initial Domain Identifier

IDL Interface Definition LanguageIDLA Individual Delay (Message)IDLM Internal Directory Level Meeting

**IDMS** Integrated Database Management System

**IDN** International Data Number

**IDP** Initial Domain Part

**IDP** Individual Development Plan

**IDRF** Interessengemeinschaft der regionalen Flugplätze e.V. (DE)

(Community of Interests of the Regional Aerodromes Incorporated

Association)

IDRP Inter-Domain Routing ProtocolIDS Information Display SystemIDS Intrusion Detection System

**IDSG** Interim Deployment Steering Group

**IDU** Interactive Database Utility

IDU Interface Data Unit
IE Included / Exempted

IE Ireland (ISO Country Code)

**IE** Information Element

**IEC** International Electrotechnical Commission/Committee

IEC Interexchange Carrier
IED Improvised Explosive Device
IEE Institution of Electrical Engineers

**IEEE** Institute of Electrical and Electronic Engineers (US)

**IEFPM** Individual EFPM

**IEHF** Institute of Ergonomics and Human Factors

**IEM** Interpretative / Explanatory Material (Joint Aviation Requirements)

**IEP** Information Exchange Program

IES Interface Editing Station
IES Interface Editor System

**IESG** Internet Engineering Study Group

**IESSA** Ingénieur électronicien des systèmes de la sécurité aérienne(FR)

IESVInstant Environment ServerIETFInternal EATMS Task ForceIETFInternet Engineering Task Force

**IF** Intermediate Frequency

**IF** Initial Fix

IF Intermediate Fix In-flight Alignment

**IFA** Image Frequency Attenuation

**IFA** International Federation of Airworthiness



**IFAIMA** International Federation of Aeronautical Information Management

Associations

**IFALDA** International Federation of Airline Dispatchers' Associations **IFALPA** International Federation of Air Line Pilots' Associations

**IFATCA** International Federation of Air Traffic Controllers' Associations **IFATSEA** International Federation of Air Traffic Safety Electronic Associations

**IFB** Invitation for Bid

ifbInstitut für Begleitforschung (DE)IFCPInterfacility Communications Processor

IFD
 Initial Functional Description
 IFDS
 Interactive Flight Data System
 IFDS
 Interfacility Data System
 IFEA
 In-flight Emergency Assistance

IFF Identification (or Interrogation) Friend/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** 

**IFI** International Financial Institution

**IFIP** International Federation for Information Processing

**IFL** Intermediate Flight Level

**IFLIPS** Integrated Flight Prediction System **IFMP** Integrated Flow Management Position

IFO International Field OfficeIFOP Initial Flight Object PrototypeIFOR Implementation Forces (UN, NATO)

**IFP** Keyword from IFPS Used in Field18 to Provide a Warning

**IFP** Instrument Flight Procedures

IFPA IFPS Area

**IFPA** Instrument Flight Procedures Automation Program

IFPAU IFPS Applicable Unit
IFPD Individual Flight Plan Data
IFPDSQ Individual FPD Summary Query
IFPDSQR Individual FPD Summary Query Reply

**IFPL** Individual Flight Plan Message

**IFPL** IFPS Internal Flight Plan

**IFPLID** Individual Flight Plan Identity code

IFPMIndividual FPMIFPNIFPS NetworkIFPOIFPS Operator

**IFPP** Instrument Flight Procedures Panel

**IFPP** Initial Flight Plan Processing

**IFPPS** Integrated Flight Plan Processing System

**IFPR** IFPS Region



**IFPRU** IFPS Responsible Unit

IFPSIntegrated Initial Flight Plan Processing SystemIFPUIntegrated Initial Flight Plan Processing Unit

**IFPU-1** IFPS Unit - Haren Brussels (Belgium) **IFPU-2** IFPS Unit - Brétigny-Sur-Orge (FR)

**IFPU-2** Integrated initial Flight Plan Processing Unit (Unit 2)

**IFPUV** "Integrated Initial Flight Plan Processing System Validation System"

or "IFPS Validation System"

**IFPZ** IFPS Zone IFPS Zone A

IFR Induced Field Ratio
IFR Instrument Flight Rules

IFR/GATInstrument Flight Rules/ General Air TrafficIFRBInternational Frequency Registration BoardIFRSInternational Financial Reporting Standards

**IFS** Indemnité forfaitaire spéciale (Special Fixed Allowance)

**IFS** Implementation Feasibility Study

IFSA Institu Français de Sécurité Aérienne(FR)
IFSAR Interferometric Synthetic Aperture Radar

IFSETICAO Fuel Savings Estimation ToolIFSSInternational Flight Service Station

**IFTO** International Federation of Tour Operators

**IG** Inspector General

**IGA** International General Aviation

IGAC Inspection générale de l'aviation civile (FR)IGCN Independent Ground Communications Network

**IGEB** Interagency GPS Executive Board

**IGIA** Interagency Group on International Aviation

**IGN** Institut géographique national (FR)

IGP Interior Gateway Protocol IGP Ionospheric Grid Point

**IGS** International GPS Reference Network

**IGS** Increased Glide Slope

**IGSO** Inclined Geosynchronous Orbit

IHL Internet Header LengthIHM Interface Homme-machineIHS Inner Horizontal Surface

**IHST** International Helicopter Safety Team

II Interrogator Identity
 II Interrogator Identifier
 II-Code II/III Interrogator Identifier Code
 II/III Category II / III (Airport)

IIE Integrated Information Environment IIFG Institutional Issues Focus Group



UBACEC	Initial Invalance Assistance of Market C. Eulance of Committee as /a Jaint
IIMSES	Initial Implementation of Mode-S Enhanced Surveillance (a Joint
IIOD	Project of UK, France, Germany, Benelux, Including POEMS)
IIOP	Internet Inter-ORB Protocol
IIRS	Internal Interface Requirement Specification
IIS	Internal Information System
IISLS	Improved Interrogator Sidelobe Suppression
IKBS IKD	Intelligent Knowledge Based System
ואט	States in Kind Delivery States (France, Germany, Italy, Spain, UK,
	Represented by their ATS Providers DNA, DFS, ENAV, AENA, NATS)  Israel (ISO Countries Codes)
IL ILC	,
ILC	IATA Learning Centre
ILM	International Labour Organisation
ILO	Inventory Logistics and Maintenance Suite International Labor Organization
ILOAT	Administrative Tribunal of the International Labor Organization
ILS	Instrument Landing System
ILS	Integrated Logistic Support
ILSP	Integrated Logistic Support Program
ILT	Inspectie Leefomgeving en Transport (Netherlands Human
161	Environment and Transport Inspectorate)
IM	Information Management
IM	Inner Marker
IM	Instant Messaging
IM S&M	Interval Management Spacing and Merging
IMA	Integrated Modular Avionics
IMAGE	Instrument Macroscopique d'aide à la Gestion de l'espace (FR)
IMAGINE	Improved Methods for the Assessment of the Generic Impact of
	Noise in the Environment
IMAL	Integrity Monitoring Alarm Limit
IMAP	Internet Message Access Protocol
IMASSA	Institut de Médecine Aérospatiale du Service des Armées (FR)
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 (FR)
IMO	International Maritime Organization
IMOTHEP	Investigation and Maturation of Technologies for Hybrid Electric
	Propulsion
IMP	Implementation Master Plan
IMP	Inter Message Processor
IMP	(Safety) Improvement - CFMU Safety Management System
IMP	Implementation Services



**IMPACT** Innovative Methodology for the Projection of ATM Concepts Onto

the Training of ATCOs

**IMPACT** Information Market Policy Actions

**IMPACT** Methods and Tools to Assess Impact of Future ATM Systems on

Controllers' Jobs

**IMPACT** Integrated Model of Perceived Awareness Control

**Impl** Implementation

**IMPLAN** Implementation Plan (Cross Reference for Internal Traceability)

**IMPR** Improve(ing)

**IMS** Integrated Management System

**IMS** Integrity Monitor Station

**IMT** Immediate(ly)

IMTIMTEGIMUInformation Modelling TeamILS/MLS Transition EUR GroupInertial Measurement Unit

**IMUK** Institut für Meteorologie und Klimatologie der Universität

Hannover (DE)

**IMUX** Input Multiplexer

IN Included

IN ATM Interconnected Network

**IN(S)** Inch(es)

**INA** Institut de la navigation aérienne (Luxembourg) (Institute of Air

Navigation Services)

INA Initial Approach

**INAC** Instituto Nacional De Aviaco Civil (Portugal)

**INAP** Integrated Network Management and extended ATC Planning

INBD Inbound

**INC** (Safety) Incident - CFMU Safety Management System

**INC** In Cloud

**INCA** Incident circulation aérienne (FR)

**InCAS** Interactive Collision Avoidance Simulator

**INCERFA** Uncertainty Phase

INCOSE International Council of Systems Engineering INCS Independent Non-cooperative Surveillance

**Ind** Industry

**INDOC** ICAO Area E, Indian Ocean Region

**IND SIMUL** Individual Simulation

INDRA Indra Systemas (Company from Spain)
INEA Innovation and Networks Executive Agency

**INEXSES** (ICAO Forum on) Integration and Harmonization of Nextgen and

**SESAR** 

INFO1 Information Information

**INFOMET** telefonische Bereitstellung flugmeteorologischer



Informationen (DE)

INFOSEC Information Security
INFR-C Infrastructure Creation
INI Initial Approach Controller
INM Integrated NM System
INM Integrated Noise Model

**INMARSAT** International Maritime Satellite

INOInnovative ResearchINOInnovative Research

**INO** International NOTAM Operation

INOPINPInputINPRIN Progress

INR Input Reconstruction

**INREP** Voluntary and Confidential Reporting of Safety Issues

**INREP** Incident Reporting

**INREP** Voluntary reporting of safety issues in Maastricht UAC

**INRIA** Institut national de Recherche en Informatique et Automatique (FR)

(National Institute for Computer Science and Automation Research)

**INS** Inertial Navigation System

**INSPIRE** Infrastructure for Spatial Information in the European Community

**INST** Installation

**INSTAR** Institutional Arrangements for European Air Traffic Management

**INSTILUX** EUROCONTROL Institute of Air Navigation Services (LU)

**INSTL** Install(ation), Installed

**INSTR** Instrument

**INT** Integration and SWCI Resting Phase

INT Intersection International

**INTEG** Integration of EGNOS into Galileo

INTEGRA Advanced ATM Tool Integration Project (CARE Action)
INTELSAT International Telecommunications Satellite (Organization)

**INTENT** Transition Towards Global Air and Ground Collaboration in Traffic

Separation Assurance

**INTER** The ATN Internet Strategy

**INTER** Intermittent

**INTERCAUTRA** Internal CAUTRA Protocol

INTEROP Interoperability
INTL International

**INTNET** Integration Network (for Interchange of Flight Plan Data)

INTRG Interrogator INTRP Interrupt(ion)

**Intruder** Aircraft Against which TCAS Issues an Advisory

**INTSF** Intensify(ing)



INTST Intensity of Runway LightingINU Interial Navigation UnitINV Inventory AnalysisINV Inverse/Inverted

**INV** Innovative Studies and Technological Assessment (ARDEP)

INV Inverted INV Invalidity INVOF In Vicinity of

**INWP** Intermediate Waypoint

IO Input Operator IO Input/Output

IO Interoperability - Input/OutputIOATF IFPS Operational Advisory Task Force

**IOAT FPL** Improved Operational Air Traffic Flight Plans

IOBD Initial Estimated Off-block Date
IOBT Initial Estimated Off-block Time

Initial Operational (or Operating) Capability/Condition

IOC Input/Output Calls

IOC(M)
 Initial Operational Capability (Milestone)
 IOCD
 Initial Operational Concept Document
 IOCP
 Input/Output Configuration Program
 IOCP
 Internal Operational Clarification Project

**IOD** Issue of Data

IOD Input/Output Device
IODC Issue of Data Clock
IODE IOD Ephemeris
IOD Fast Corrections

**IODI** IOD Ionospheric Grid Point Mask

**IODP** IOD PRN Mask

IOLP
 ION
 Institute of Navigation
 IOP
 Interoperability Protocol
 IOP
 Interoperability Program
 IOP
 Input/Output Processor

IOPA International Council of Aircraft Owners and Pilot Association

IOR Indian Ocean Region (ICAO)
IOR INMARSAT Indian Ocean Region

**IOR** Indian Ocean Region

**IOR** Interoperable Object Reference

IORS Internal Occurrence Reporting System

**IOSS** Input Output Sub System

**IOT** In-orbit Testing

**IOTE** Independent Operational Test and Evaluation

**IP** Information Button (Mouse)



IP Implementation PackageIP Information Processing Level

IP Information PaperIP Internet Protocol

**IP-Message** Inter-Personal Message

IP-PBXIP-based Private Branch ExchangeIP-ReplyInter Personal Message Reply

**IP-VCS** IP-based Voice Communication System

IP1-3 Implementation Package 1 to 3IPA International Phonetic Alphabet

**IPA** Institut für Physik der Atmosphäre (DE)

**IPAG** Intellectual Property Advisory Group (Policy Guidelines for

Intellectual Property Rights)

IPAS Integrated Preparation and Analysis System
IPAX Internet Protocol for Aeronautical Exchange

**IPAX-TF** Internet Protocol for Aeronautical Exchange Task Force

**IPB** Inner Performance Boundary (Tunnel Concept)

IPC Intermittent Positive Control IPC Inter-Process Communication

IPCC Intergovernmental Panel on Climate Change IPDS Instrument Procedure Development System

IPG Integration Project Group
IPI Initial Protocol Identifier
IPL Individual Flight Plan
IPL Initial Program Load
IPL Intermediate Flight Plan

**IPLM** Internal Program Manager Level Meeting

**IPM** Inter Personal Message

**IPM-Service** Inter-Personal Message Service

**IPMM** IPM Message (IPM and its P1 Envelope)

IPMS Inter Personal Message Service
IOMS IT Program Management System

**IPN** Inter Personal Notification

IPNG Internet Protocol (Next Generation)
IPNL Integrated Perceived Noise Level

IPOA Classical IP Over ATM IPP Ionospheric Pierce Point

**IPP** Inter Pulse Period

IPR Intellectual Property Rights
IPR Internal Process Review (ISO)

**IPR** In Process Review

IPRS Intellectual Proprietary Rights
IPRT Internal Processing Response Time

**IPS** Internet Protocol Suite



IDCE	late and all Due and and a Comment Facility and
IPSE	Integrated Programming Support Environment
IPsec	Internet Protocol Security
IPSky	Internet Protocol in the Sky
IPSs	Intellectual Proprietary Rights
IPT	Internal Processing Time
IPT	Integrated Product Team
IPv4 IPv6	Internet Protocol Version 4 Internet Protocol Version 6
IPX	Internet Paquet Exchange
IQ	Irag (ISO Countries Codes)
IQ IQ	Intelligence Quotient
IQM	Intelligence Quotient Integrated Quality Management (for Radar Sensor)
IR	Iran (ISO Countries Codes)
IR	Ice on Runway
IR	Information Retrieval
IR	Infra-Red
IR	Interrogator Responder
IR	Integrated Receiver
IR	Implementing Rule/Regulation (SES)
IRAB	Innovative Research Advisory Board (EUROCONTROL)
IRAS	Interactive Radar Analysis System
IRB	Independent Review Board
IRB	Incident Review Board
IRCAS	Intranet Radio Coverage Analysis System
IRD	Interface Requirements Document
IRD	Initial Requirements Document
IRE	Instrument Rating Examiner
IREF	Internal Reference
IREN	Incident Reporting European Network
IRF	Incident Report Form
IRF	Interrogation Repetition Frequency (Radar Standard)
IRG	Internal Reference Generator
IRI	Instrument Rating Inspector
IRIG	Inter-range Instrumentation Group Time Codes
IRIS	Iris Recognition Immigration System (UK)
IRL	Ireland
IRM	Information Resource Management
IRMA	Intermediate Redesigned MCC Architecture
IRMA IRMC	Indicateur Radar de Mouvements d'Avions (FR)
IRMP	Integrated Risk Management Checklist Information Resources Management Plan
IROI	Instantaneous Return on Investment
IRP	Integrated Risk Picture
IRPD	Integrated hisk ricture Internal Repetitive Flight Plan Data
D	internal repetitive riight rian bata



**IRPL** Internal Repetitive Flight Plan

IRQ Interrupt Request IRR Internal Rate of Return

IRS Intermediate Route Sequence IRS Inertial Reference System

**IRS** Interface Requirement Specification

IRSImplementing Rules (SES)IRSGInternet Research Study GroupIRTInterrogation Repetition TimeIRTFInternet Research Task ForceIRUInertial Reference Unit

**IRVR** Instrument Runway Visual Range

In-Sequence Sector
 Interface Specification
 International Standard
 Iceland (ISO Country Codes)

IS Infrastructure Support Section (of England)

**IS** Intermediate System

**IS-BAO** International Standard for Business Aircraft Operations

**IS-ES** Intermediate System - End System

**IS-IS** Intermediate System to Intermediate System Routing Information

**Exchange Protocol** 

**IS-SME** Intermediate System - Systems Management Entity

**ISA** International Standard Atmosphere

ISA Independent Safety Auditor
ISA International Standards Authority

ISA Innovative Slot AllocationISA Instantaneous Self-assessmentISA Initial Safety Assessment

ISABEL Interbank Standards Association of Belgium ISAGO IATA Safety Audit for Ground Operations

**ISAWARE** Increasing Safety Through Collision Avoidance Warning Integration

ISBN International Standard Book Number ISBP Information Security Business Portal Initial Shared Business Trajectory

**ISC** Initial System Capability

**ISCM** IFPS Software Configuration Manager

**ISDEFE** Ingenieria de Sistemas para la Defensa de Espana (SP)

**ISDN** Integrated Services Digital Network

**ISDN PRI** Integrated Services Digital Network Primary

**ISH** Intermediate System Hello

**ISIS** Improved Switch Integrated System (Bremen VCS)

**ISIS** Implementation of the Single European Sky in South East Europe

**ISIS** Integrated Standby Instrument



**ISL** Inter-Station Link

**ISL** Intermediate Supplementary Flight Level

ISLS Interrogator Sidelobe Suppression
ISM Information Security Manual

**ISMF** Information Security Management Framework

**ISMG** Institute Strategy and Management Group (EUROCONTROL)

ISMLS Interim Standard Microwave Landing System
ISNM Integrated Systems and Network Management

**ISO** Information System Owner

**ISO** International Standards Organization

**ISO/IEC** International Standards Organization / International Electrotechnical

Committee

**ISO/OSI** Interconnexion de Systèmes Ouverts / Open System Interconnection

**ISPACG** 

**ISO/VT** ISO standard Virtual Terminal

**ISOC** Internet Society

**ISOL** Isolated

**ISP** Internet Service Provider

ISP International Standardized Profile ISPAC-G Informal South Pacific Group

ISPF Interactive System Productivity Facility
ISPL Individual Supplementary Flight Plan
Information Security Policy Statement

**ISQMS** Integrated Safety and Quality Management System (Safety Domain)

**ISR** Independent Standby Radio

ISRMInformation Services Reference ModelISRMInformation Service Reference Model

**ISRP** Interconnexions sud de la région parisienne

**ISS** Intermediate Systems

**ISS** Implementation Support Services, Implementation Support to

States

ISS International Space Station
ISS Integrated Surveillance System

**ISS** Indirect Sub-system

**ISS** Information Systems Security

**ISSCA** Information Systems Security Certification Agent

**ISSG** Industry Safety Strategy Group

ISSM Information Systems Security Manager ISSO Information Systems Security Officer

**ISSRE** International Symposium on Software Reliability Engineering

**ISSS** Initial Sector Suite System (FAA)

**IST** Indirect Support Task

**IST** Inter-colonial (or Atlantic) Standard Time

**IST** Inter Service Team



ISTA Istanbul FMU Initial Signal Unit

ISUP Integrated Service User Part
ISV Independent Software Vendors

**ISW** Input Sequence Window

**ISWIM** Initial System-Wide Information Management

IT Integration Team

IT Italy, Italian Republic (ISO Country Code)

IT Information TechnologyIT Institutional TrainingITA Integrated Task Analysis

ITA Institut du Transport Aérien (Institute of Air Transport)

ITA International Telegraphic Alphabet

ITA-2 International Telegraph Alphabet Number 2
ITAEG Information Technology Advisory Expert Group

**ITAM** Integrated Task Analysis Methodology

**ITAR-TASS** Russian News Agency

**ITASPS** Informal International Civil Aviation Organization Trans Siberia,

Trans Asia, Cross Polar Routes Steering Group (ICAO)

ITB International Time Bureau (ITB)
 ITC Integrated Timing Concept
 ITC International Trade Commission
 ITC International Transit Code

ITC In-trail Climb

ITCZ Inter Tropical Convergence Zone
ITD Integrated Technology Demonstrators

ITD In-Trail Descent

ITEB Information Technology Executive Board

**iTEC** Interoperability Through European Cooperation

**iTEC-FDP** Interoperability Through European Collaboration -- Flight Data

Processing

ITF International Transport Workers Federation

**ITF** In-Trail-Follow

ITF International Transport Workers' Federation

ITI Italian Interface

**ITI** Interactive Terminal Interface

ITID Individual Training Instructor-dependent
 ITIL Information Technology Infrastructure Library
 ITIRS International Terrestrial Reference System

ITL Integration Team Leader

ITM Intermediate Approach ControllerITM Information Technology ManagementITMD Individual Training Material-dependent

ITMRA Information Technology Management Reform Act



**iTOPS** Initial Trajectory Operations (Document)

**ITP** In-trail Procedure

ITP Information Technology Provider

**ITQI** IATA Training and Qualification Initiative

ITR International Transit Route

ITRF International Terrestrial Reference Frame
ITRS International Terrestrial Reference System

ITS Integrated Tower Systems
ITS Intelligent Transport Systems

ITS IT Security System ITSD IT Service Desk

**ITSEC** Information Technology Security

ITSM Information Technology Service Management ITSTC Information Technology Steering Committee

ITT Invitation to Tender
ITT Invitation Property Rights

ITU International Telecommunications Union (UIT)

ITU WARC-95 International Telecommunications Union World Radio Conference

ITU-R International Telecommunications Union - Radio

**ITU-T** International Telecommunications Union - Telecommunications

ITWP Integrated Tower Working Position ITWS Integrated Terminal Weather System

**ITY** Interoperability

IUCM IFPU Configuration Manager
IUCM IFPS Unit Configuration Manager

**IUSO** IFPU Security Officer

**IUSOAP** ICAO Universal Safety Oversight Audit Program

**IUT** Implementation Under Test

IVAO International Virtual Aviation Organisation
IVATF International Volcanic Ash Task Force

IVF Independent Variable FilterIVN Intervening NetworkIVR Immersive Virtual Reality

**IVRS** Interim Voice Response System

**IVSI** Instantaneous Vertical Speed Indicator

IVSN Initial Voice Switched Network IVT Interactive Video Teletraining

**IVV** Independent Verification and Validation

**IVV** Inertial Vertical Velocity

IVV Manager
IW Inter-working

**IW** Inter Network Function

**IW** Inside Wiring

**IWF** Interworking Function



**IWG** Interoperability Working Group

**IWGE** International Working Group (on Air) Exercises

**IWGDS** Interim Weather Graphic-Display System

**IWGE** International Working Group on (Air) Exercises

IWP Intermediate Waypoint IWP IFPS Working Position

**IWSO** Instructor Weapons Systems Operator

**IWU** Interworking Unit

Integrated Initial Flight Plan Processing System (CFMU)

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme



# 2.11. Letter - J

J/S	Jammer / Signal Level
J2EE	Java 2 Enterprise Edition
JAA	Joint Aviation Authority
JAA AMC	JAA Acceptable Means of Compliance
JAA OPS	Joint Aviation Authorities Operations Committee
JAA-TO	JAA Training Office
JAAB/JAA-B	Joint Boards
JAAC/JAA CE	JAA Committee
JAARC	JAA Research Committee
JAC	Joint Airmiss Committee (UK)
JAFTI	JURG ADS-B Fast Track Initiative
JAI	Joint Acceptance Inspection
JAMC	Joint Airspace Management Cell (UK)
JAN	January
JANE	Joint Air Navigation Experiments
JAOTF	Joint AOT-ODSG Task Force
JAPCC	Joint Air Power Competence Centre
JAR	Joint Aviation Regulations
JAR	Joint Aviation Requirements
JAR	Joint Aviation Rules
JAR-ATSOPS	Joint Airworthiness Requirements - Air Traffic Services-Operations
JAR-FCL	Joint Aviation Requirements - Flight Crew Licensing (JAA)
JAR-OPS	Joint Aviation Requirements - Operations
JARUS	Joint Authorities for Rulemaking on Unmanned Systems
JATCC	Joint Air Traffic Control Centre
JATCRU	Joint Air Traffic Control Radar Unit
JATR	Joint Authorities Technical Review
JAVA	Java Programming Language
JBP	Joint SCF-ANSB Business Planning Working Group
JCAB	Japanese Civil Aviation Bureau
JCB	Joint Coordination Board
JCD	Joint Committee for Disputes
JCL	Job Control Language
JCN	Job Control Number
JCOD	Code Allocation Overview
JCTF	(EUROCONTROL) Just Culture Task Force
JD TF	Job Description Task Force
JFADT	Joint Future Airspace Design Team
JFCS	Flight Conflict Store (Contains all Displayed Conflicts)
JFK	John F. Kennedy (Airport in New York)
JFPS	Flight Plan Store (all Details of all Active Flights)
JFSS	Flight Segment Store (Every Route Segment in all Active CPLs)
JFT	Job File Table



JHCT	Hash Code Table
JHTS	Height Track Store
JIAAC	Junta Investigadora de Accidentes de Aviación Civil (Venezuelan
	Civil Aviation Accident Investigation Board)
JIPS	Internal Points Store
JISSA	Joint International Symposium on Sensors and Systems for Airport
	Surveillance
JIT	Joint Implementation Team (chaired by EUROCONTROL)
JITSO	Joint Technical Standard Order
JITT	Initiation Track Table
JLLOG	Retry Store for SEROS and PHAROS Messages
JLSS	Lower Segment Store (Derived Lower Airspace Route Segments)
JLTS	Local Track Store (List of all Confirmed LTBs)
JMATS	Joint Military Air Traffic Services
JMC	Job Management Committee
JMDS	Message Display Store
JMP	Joint Master Plan
JMS	Java Messaging Service
JMT	Job Management Team
JMWS	Multiple radar Weather Store (Quantity of Weather Vectors)
JOINT	Joint Operational Incidents Training
Joint WP	EUROCONTROL-EASA Joint Work Program
JOT	Joint Operational Team (ESCO)
JPALS	Joint Precision Approach Landing System
JPDA	Joint Probabilistic Data Association
JPDO	Joint Planning and Development Office (US)
JPEG	Joint Photographic Expert Group
JPLM	Joint Program Manager Level Meeting
JPO	Joint Program Office
JPTS	Departure Suspense Message Store
JRC	Joint Research Centre
JRC	Joint Report Committee
JRC	Joint Resources Council
JRPS	Reporting Point Store
JRSS	Route Segment Store
JSD	Jackson Structured Design
JSON	Java Script Object Notation
JSP	Joint Services Publication
JSSG	Joint Service Specification Guide (US)
JSSI	JAA's Safety Strategy Initiative
JSS	Joint Surveillance System
JST	Japan Standard Time (GMT+0900)
JST	Joy Stick
JTC	Joint Technical Committee



JTC1	Joint technical Committee Number 1	
JTFS	Track Flight Store	
JTI	Joint Technology Initiative	
JTIDS	Joint Tactical Information Distribution System	
JTM	Job Transfer and Manipulation	
JTPS	Temporary Plot Store	
JTRS	Joint Tactical Radio System	
JTSB	Japan Transport Safety Board	
JTSO	JAA Technical Standard Order	
JTST	Jetstream	
JU	Joint Undertaking	
JUL	July	
JUN	June	
JURG	Joint Users Requirements Group (EUROCONTROL)	
JVM	Java Virtual Machine	
JWP	Joint Work Program (EUROCONTROL - EASA)	



# 2.12. Letter - K

K	Kelvin
k	Kilo
KABA	Kontrastive Aufgabenanalyse in Büro (DE) (Contrastive Task
	Analysis of Office Workplaces)
KAR	Karlsruhe
KARLDAP	Karlsruhe Automatic Data Processing and Display System
KAZAERONAVIGATSIA	ANSP Kazakhstan
kB	Kilobyte
KB	Kilobyte
KBPS	Kilobit per Second
kbps	Kilobits per Second
KBS	Knowledge-based System
kByte	Kilobyte
kc/s	Kilocycles per Second (kHz)
KCAS	Knots Calibrated Airspeed
KD1	Keyboard and Display Window (1)
KDS	Keyboard Display Station
KDS	Keyboard Display System
KE	Control ELM (Field)
KE	Control Elm (transmit or Acknowledge)
KEA	Average Horizontal En-route Flight Efficiency of the Actual
	Trajectory
KECU	Thousands of European Currency Units
KEMA	Keuring van Elektrotechnische Materialen (NL)
KEP	Average Horizontal En-route Flight Efficiency of the Last Filed Flight
	Plan
KFOR	Kosovo Force
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 (CCTV)
KIS	Keyboard Input Station
KISS	Keep It Short and Simple
KLDAP	Karldap + Langen (D)
KLM	Royal Dutch Airlines
KLOC	Thousand Lines of Code
KLU	Koninklijke Luchtmacht (NL) - Royal Dutch Air Force
KM	Kilometer
km	Kilometer



Km/h	Kilometers per Hour
KMH	Kilometers per Hour
KML	Keyhole Markup Language
KNMI	Koninklijk Nederlands Meteorologisch Instituut (NL) (Royal
	Netherlands Meteorology Institute)
KNW	Known
KO-Index	Konvektions-Index
KOX	Karlsruhe Operational Telephone Exchange
KP	Kept
KP	Start of Pulsing
kPa	Kilopascal
KPA	Key Performance Area (PRC)
KPI	Key Performance Indicator
KPT	Karlsruhe Planning Team
KR	Knowledge of Result
KR 20	A Measure of the Internal Consistency, or Homogeneity, or
	Scalability, of A Test Material (Ferguson, 1976).
KRA	Key Risk Area
KSA	Knowledge, Skills, Abilities
KSAO	Knowledge, Skills, Abilities, and Other Personal Requirements
KSD	Kontrollstreifendruck (DE)
KSDS	Key Sequence Data Set
KSN	Knowledge Services Network
KSR	Keyboard Send/Receive
KT / KTS or KTAS	Knots (i.e. 1 NM/Hour (Unit of Speed))
KTD	Keyboard Tabulator Display
KUAC	Karlsruhe Upper Airspace Control Centre
KUG	KPI User Group
Kurtosis	A Term which Refers to the Flatness or Peakedness of One
	Distribution in Relation to Another (Ferguson, 1976).
KVS	Keep (Maintain) Vertical Speed
KVDT	
kW	Kilowatt
KYB	Keyboard
KybCmd	Keyboard Command
<b>,</b>	riaja a a a a a minimina



# 2.13. Letter - L

1	Luxembourg
Ī	Locator
Ī	Left
Ī	Low
L	Tones Injected by the Local Switch
L-AII	Legacy-accuracy Improvements Initiative
L-Band	Frequency Range
L-band	L-band (Frequency Band)
L-NAV	Lateral Navigation
L/T	Long-Term S
L/V	Light and Variable
L1	GPS Signal Frequency (1575.42 MHz)
L1K	GLONASS Central Frequency (1.602 GHz) and Channel Number
	Separator (k)
L2	GPS Signal Frequency (1227.60 MHz)
L2	Layer 2
L2 CL	L2 Civil-long Code
L2 CM	L2 Civil-moderate Code
L2K	GLONASS Central Frequency (1.246 GHz) and Channel Number
	Separator (k)
L2TP	Layer 2 Tunneling Protocol
L5	(Proposed) GPS Signal Frequency (1176.45 MHz)
LA	Limited Airspace
LA	LAN Adapter
LA	Local Area
LA	Logical Address
LA	Local Action
LA(M)	Lifecycle Architecture (Milestone)
LA-MLAT	Local Area 9 Multi-lateration
LAA	Laboratoire d'Anthropologie Appliquée (FR)
LAA	Local Area Augmentation
LAADB	Local Airport Advisory
LAADR	Low Altitude Arrival/Departure Routing.
LAAQ	Layover Assessment Adjustment Questionnaire
LAAS LAAS	Local Area Augmentation System Low Altitude Alert System
LAB	Legal Advisory Board
LAB	Label Conflict Management (DCP)
Lab	Laboratory (Sound or Multimedia)
LABEL	Allocate a Callsign to an Indicated Label
LABS	Leased A B Service
LABSC	LABS GS-200 Computer
LABSW	LABS Switch System
	2 (2) Switch System



LAC Luxembourg Assistant Controller

LAC Logical Access Control

Latin American Civil Aviation Commission LACAC

**LACC** London Area Control Centre **LACK** Logical Acknowledgement

Positive Logical Response Message Used for Air/Ground Data **LACK** 

Communications

**LAD** Look Ahead Display

**LADA** Local Agency Directory Administrator

Local Area Differential GNSS **LADGNSS** 

Local Area Differential Global Positioning System **LADGPS** 

LAF **Local Adaptation Functions** 

Local Area Global Positioning System **LAGPS** Land and Hold Short Operations **LAHSO LAM** Logical Acknowledgement Message

Local Area Multi-lateration **LAM** 

Ljubljana ATC Data Processing System LAM

(Greek Letter, Lower Case) Symbol for Wavelength Lambda **LAMOS** Local ARTAS Maintenance and Operational Support **LAMPS** Long-term ATCO Manpower Planning Simulation

Local Area Network LAN

LAN Inland

**LAN NMS** Local Area Network Management System

Logistics and Administration **LANDA** 

LAN Emulation LANE

Local Air Navigation Service Unit (DFS) **LANSU** 

**LAP** Lower Airspace Project LAP Link Access Protocol

**LAPB** Link Access Procedure, Balanced Link Access Protocol -D Channel **LAPD LAPF** Link Access Protocol - Frame Relay

**LAPL** Light Aircraft Pilot License **LAPM** Link Access Protocol-modem

Local Air Quality LAQ LAR/LRR Long Range Radar

Local and Regional ASM application **LARA** 

Lower Airspace Radar Service **LARS LAS** Last Assigned Landing Slot Lower Airspace Sector LAS Linked A Sub-field LAS LAS Limited Airspace

LAS Linked Comm-A Sub-field Light Activated SCR **LASCR** 

Light Amplification by Stimulated Emission of Radiation **LASER** 



**LASKA** Learning and Skills Acquisition

**LASPP** Local Advisor on Service for Protection and Prevention

LASS Local Area Augmentation System
Light Aviation SSR Transponder

**LAT** Local Area Transport

LAT Last Transfer Latitude

**LATA** Local Access and Transport Area

**LATC** Local Air Traffic Control London ATC Centre

LATCO Licensing of Air Traffic Control Officers (ICAO Study Group)

Landing and Take-off (Sub-group of Navigation Steering Group)

**LAU** Local Approach Unit

**LAVA** Large Scale Validation of Cooperative Air Traffic Management

**LAW** Aviation Law

LAWRS Limited Aviation Weather Reporting Station/Service

LAYER Filter for Height Banding of Mode c Equipped Tracks

**LB** Local Battery (Circuits)

**LB** Pound Weight

LBAC Luftfahrtbundesamt (DE)
Logical Burst Access Channel

LAN Based Random Access Plan Position Indicator

LBS Linked Comm-B Sub-field
LBZ Luftfahrtberatungszentrale (DE)

LC Light Control
LOW Capacity
LOW Clouds

LCA Local Competence Assessor Load Control and Messaging

LCC Lifetime Cycle Costing Low-cost Carrier

**LCC** Luxembourg Coordinating Controller

**LCC** Life Cycle Cost

**LCCS** Local Control and Correction Station

LCD Liquid Crystal Display Local Control Facility

LCFZ Laser-beam Critical Flight Zone
Load Classification Group

**LCGS** Low Cost Ground Surveillance Radar

**LCIP** Local Convergence and Implementation Plan

**LCIPD** Local Convergence and Implementation Plan Document

**LCK** Line Check Message

**LCM** Late Change (Modification) Message (Designator)

**LCM** Label Conflict Management



**LCn** Low Capacity Needs

**LCN** Local Communications Network

LCP Left Circular Polarization
LCR Least Cost Routing

**LCTR** Large Commercial Tilt-rotors

**LCU** Lan Control Unit

LD Line Detector
LO Disconnect

LDA
 LDA
 LDA
 Landing Distance Available
 LDA
 Localizer Directional Aid
 Localizer Directional Aid

**LDA WG** Library, Documentation and Archive Working Group

L-band Datalink/Digital Aeronautical Communication System

**LDAP** Lightweight Directory Access Protocol

**LDB** Limited Data Block

**LDCELP** Low-delay Code Excited Linear Prediction

**LDG** Landing

**LDGNSS** Local Differential Global Navigation Satellite System

**LDI** Landing Direction Indicator

LDIN
LDL
L-band Data Link
LDLP
LOW Drag - Low Power
LDM
Limited Distance Modem

**LDPU**Low Duty Cycle Power Amplifier
Link and Display Processing Unit

LDR Light Dependent Resistor
LDR Labor Distribution Reporting

**LDRP** Local Display Recording and Playback

LDU Logistic Delay Time Link Diagnostic Unit

**LE** Link Establishment

**Lec** Lecture

**LEC** Local Exchange Carrier

**LEC** Luxembourg Executive Controller

**LED** Light Emitting Diode

**LEFCO** Project for the Procurement of New ATM Facilities in Nicosia ACC

**LEFD** Local Essential Flight Details (MADAP)

LEN Length Indicator
LEN Low Entry Networking
LEN Field Length indicator
LENGTH Length of the Data Block

**LENNUAMET** Estonian CAA



LEO LEONARDO LEOS LEOS LEP LEPC	Low Earth Orbit Linking Existing On-ground Arrival and Departure Operations Low Earth Orbiting System Low Earth Orbit Satellites Linear Error Probability Left-hand Enhanced Planning Console
LER	Label Edge Router
Les	Lesson / Demonstration
LF	Line Feed
LF 	Late Filer
LF	Low Frequency
LFAA	Logical Functional ATFCM Areas
LFC LFE	(Swedish) Air Defense Centre (or Unit) Local File Editing
LFHB	Low Flying Handbook
LFL	Last (Reported) Flight Level
LFME	Local Flow Management Enhancements
LFN	Local Fixed Node
LFN	Lufthansa Flight Nav (European Datahouse)
LFP	Low Pass Filter
LFPP	Limited Flight Plan Processing
LFR	Low-level Flight Rules
LFS	Level Flight Spacing
LFS	Low-Fidelity Simulation
LFU	Late Filer and Updater
LFV 	Luftfartsverket (SE) (CAA of Sweden)
LFZ	Luftfahrzeug (DE)
LGF	LAAS Ground Facility
LGS LGT	Latvijas Gaisa Satiksme, Latvia Light(ing)
LGTD	Lighted
LgUM	Longitudinal acceleration Uniform Motion
LGW	London Gatwick
LHCP	Left Hand Circular Polarization
LHR	London Heathrow (UK)
LI	Length Indicator
LIC	Pilot Licensing
LIC	License
LICI	Link Interface Control Information
LIDAR	Light Detection and Ranging
LIDO	Lufthansa Integrated Dispatch Operation
LIDU	Link Interface Data Unit
LIE	Lateral Intent Error
LIFO	Last in First Out



LIH Light Intensity High
LIL Light Intensity Low
LIM Light Intensity Medium

**LIM/MID/RAN** Limited Middle East Regional Air Navigation Conference (ICAO)

**LINCS** Leased Interfacility NAS Communications System

LINK 2000+ Link 2000+ Program

**LINK2000** Link 2000 Program (EATMP Program)

**LIO** Luxembourg Input Operator

**LIP** Light-pen

LIR Local Internet Registry
LIRL Low Intensity Runway Lights

**LIS** Logical IP Sub-nets

LIS Logistics and Inventory System
LISATM Lisbon Air Traffic Management

**LISP** List Processing

**LISREL** Linear Structural Relations

**LIT** Light Transfer

LIT Link Integration Team
LOW Intensity Taxiway Lights

**LIW** Label Input Window

LL Label Line LAT-LON

LLC Logical Link Control
Link Layer Control
LUC-1 Logical Link Control 1
LUC-1 Logical Link Control Class I

LL-Jet Logical Link Layer
Low Level Jet

LLM L-band Land Mobile LLR Low-level Routes

**LL-SWC** Low Level Significant Weather Chart

LLT Low-light Television
LLTR Low-level Transit Route

**LLWAS** Low-level Wind Shear Alert System

**LLZ** Localizer (Part of ILS System)

LM Layer Management Locator, Middle

**LM** Low/Medium ATC Complexity

**LM** Logistics Manager

LMA Load Measurement Analysis
Local Monitoring and Control

**LMCF** Local Monitoring and Control Facility

LME Link Management Entity
LME Local Model Extended



LMM	Locator Middle Marker	
LM/MS	Low/Medium Frequency	

**LMS** Logistics Management Specialist

**LMS** LORAN Monitor Site

**LMO** Leadership Management and Organization

LMP Link Management Processor
LMP Link Management Protocol

**LMP** Late Merging Point

**LMS** Learning Management System

**LMT** Local Mean Time

**LN AMP** Low Noise Amplifier **LNA** Low Noise Amplifier

**LNA/DPLX** Low Noise Amplifier/Diplexer

**LNAV** Lateral Navigation

**LNG** Long (Describing Approach Type Required)

**LNO** Olno (Belgium Sector Indication)

LO Liaison Officer
LO Lockout override
LO learning Objective
LO Locator, Outer
LO Local Oscillator

**LO(M)** Lifecycle Objectives (Milestone)

**LOA** Letter of Agreement LOA Letter of Acceptance

**LOA** Letter of Offer and Acceptance

**LOA** List of Abbreviations

**LoA** Line of Action

**LOAT** Level of Automation Taxonomy

**LOB** Line of Business

LOST Last received Off Block Time Lines of Communications

**LoC** Lines of Change

**LOC** Location, Local(ly), Located

**LOC** Localizer

LOCLoss of ControlLOCIDLocation IdentifierLOC-ILoss of Control In-flight

**LOD** Level of Detail

**LOF** Log-On Forwarding Message

**LoFA** Longitudinal acceleration Fast Acceleration Longitudinal Acceleration Fast Deceleration

**LOFT** Line-orientated Flight Training

**LOG** Logging Component (Sub-system of BSC)

**LOHSO** See LSPPA



LOI Letter of Intent
LoL Loss of License
LoL List of Lots

LOLI Level of Involvement
Loss of Licence Insurance

**LOM** Compass Locator at Outer Marker

**LOCATION** Locator Outer Marker

LONLongitudeLONLaunch on NeedLONDLondon FMULONGLongitude

**LOPA**Local Operating Procedure
LOW Powered Acquisition Radar

LORANLong Range NavigationLORANLong Range Air NavigationLORANLong Range Aids to Navigation

**LORAN-C** Long Range Navigation / Hyperbolic Navigation System

**LORD** Leading Optimized Runway Delivery

**LORD** Lateral Obstacle & Resolution Display (alternatively Left or Right

Display)

LORESLow ResolutionLOSLine of SightLOSLevel of SafetyLOSLockout Subfield

**LOSA** Line Operations Safety Audit

**LoSA** Longitudinal acceleration Slow Acceleration Longitudinal acceleration Slow Deceleration

**LOSR** Line of Sight Range

**LoTA**Longitudinal acceleration Typical Acceleration
Longitudinal acceleration Typical Deceleration

LOV List of Values
Lower Airspace

**LP** Light Pen

**LPATS** Lightning Position and Tracking System

LPC Linear Predictive Coding
LPC Less Paper Cockpit (Airbus)
LPC Logistics Program Coordinator

**LPDU** Link Protocol Data Unit

**LPE** Language Proficiency Endorsement

LPL Lateral Protection Limit
LPL Leisure Pilot License

Letové Prevádzkové Sluzby Slovenskej Republiky (Slovakia ATC

Authority)

**LPTF** Laboratoire Primaire du Temps et des Fréquences(FR)



. 51/	
LPV	Lateral Precision with Vertical Guidance Approach
LPV	Localizer Performance with Vertical Guidance
LQ	Listening Quality
LR	Linear Regression
LR	Low Resolution
LRC	Legal Recording
LRC	Legal Requirement Cell
LRCO	Limited Remote Communications Outlet
LRD	Long Range Crossborder DCT
LRE	Linguistic Research and Engineering
LREF	Local Reference
LRI	Legal Recording Investigation
LRI	Légiforgalmi és Repülétéri Igazgatóság (Hungarian ATS Provider)
LRIP	Low Rate Initial Production
LRL	Local Recording Logistics
LRM	Line Replaceable Module
LRM	Logical Rejection Message
LRNAV	Long Range Navigation
LRNZ	Luftraumnutzungszentrale (DE) (Airspace and Traffic Management Centre)
LRPS	Local Recording and Playback System
LRR	Long Range Radar
LRRAP	Long Range Resource Allocation Plan
LRRS	Last Resort Radar System
LRS	Local Route Sequence
LRST	Local Runway Safety Team
LRTAP	Long-range Transboundary Air Pollution
LRU	Line Replaceable Unit
LRU	Lowest Replicable Unit
LRW	Long-Range Warning
LRY	Standby Legal Recording
LS	Loudspeaker
LS DAI	DAI Loudspeaker
LS RTB	R/T Backup Loudspeaker
LSA	Logistic Support Analysis
LSA	Lowest Safe Altitude
LSA	Light Sport Airplane
LSA	Localizer Sensitive Area
LSA	Leave Savings Account (Rule of Application No. 36)
LSB	Least Significant Bit
LSC	Local Signalling Channel
LSC	Local Staff Committee
LSC	Life Support Cost (Cyprus)
LSCM	Local System Control and Monitoring

**LSCMIO** 



LSD LSE Support Document **LSDU** Link Service Data Unit **LSE** Local System Expert Laser-beam Sensitive Flight Zone **LSFZ** Longitudinal Station Keeping **LSK** Line Station Maintenance Section **LSMS LSP** Loud Speaker **LSP** Logistics Support Plan **LSP** Label Switch Path **LSP** Local Status Panel **LSP** Link State Protocol Local Service Protection and Prevention Advisor **LSPPA LSSI** Local Single Sky Implementation **LSSIP** Local Single Sky Implementation (Mechanism / Documents) Traffic Listing **LST LSU** Lone Signal Unit Lithuania (ISO Country Code) LT Sequence Time Requirement Lt Local Time LT Long-Term (and Innovative Research) LT **LTB** Local Track Block **LTD** Limited Line Terminating Equipment LTE **LTF** Long-term Forecast Licensing Task Force **LTF** Latest Time Information of Value **LTIOV** 

Local System Control and Input/Output Monitoring

LTIP	Long-term Investment Plan
LTM	Long-term Memory
LTM	Local Traffic Management
LTO	Landing and Take-off Cycle
LTOG	Long-term Objectives Groups
LTP	Landing Threshold Point
LTP	Legal and Technical Panel
LTSS	Long-term Systems Studies
LTV	Load Threshold Values (CFMU)
LU	Logical Unit

	- 5
LU	Late Updater
LU	Local User
LU	Luxembourg
LU	Logical User
LUC	Line-up Clearance
LUF	Luxembourg Francs
LUF	Lowest Usable Frequency



LUG	Leerdam Users Group
LUGS	·
	Link up Glons-semmerzake
LUI	Logical Unit Interface
LUPT	Line Up Time
LUT	Line Up Time
LUX	Luxembourg (ISO Countries Code)
LV	Length of Packet Header Field
LV	Length of User Data (Field)
LV	Last Value
LV	Latvia (ISO 2 Character Country Code)
LV	Laser Vision
LVA	Large Vertical Aperture
LVB	Luchtverkeersbeveiliging (NL)
LVC	Low Visibility Conditions
LVL	Level
LVNL	Luchtverkeersleiding Nederland (Netherlands Air Traffic Control)
LVO	Low-visibility Operations
LVP	Low-visibility Procedures
LVTO	Low-visibility Take-off
LWG	Licensing Work Group
LWP	Lone Worker Protection
LWP	Level-Weighted Population
LWR	Lower
LZW	Lempel-Ziv-Welch (compression algorithm)

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme



## 2.14. Letter - M

m	Symbol for Milli
m	Meter
M	Modules
M	Minus
M	Symbol for Mega
M	Many-to-many Relationship
M	Management
M-ADS	Modified Automatic Dependent Surveillance
M-Code	New GPS Military Code
M-MMC	Military Mission Management Computer
M-PSK	M-level Phase Shift Keying
M-XFL	Maastricht Exit Flight Level
M	Prefix to the Mach Number Applying to the Flight
M/CH	Msp Channel Number
M/F	Mainframe
m/sec	Meters per Second
M/T	Medium Term
M1FC	Model 1 Full Capacity
M3	Multimodal Mobility and Integration of All Airspace Users
MA	Message Area
MA	Message-A (Field)
MA	Membership Agreement
MA	Morocco (ISO Countries Codes)
MA	Member Association
MA	Message Assurance
MA-AFAS	More Autonomous Aircraft in the Future Air Traffic Management
	System
MA1	Dynamic Map 1
MA2	Dynamic Map 2
MAA	Maximum Authorized Altitude
MAAFAS	More Autonomous Aircraft in the Future ATM System
MAAP	Maastricht Administrative Automation Plan
MAAS/ATM	Maastricht Upper Area Control Centre/Air Traffic Management
MAAS/ATM/ATD	Maastricht Upper Area Control Centre/Air Traffic
	Management/ATM Development
MAAS/ATM/CHG	Maastricht Upper Area Control Centre/Air Traffic
	Management/Change Management
MAAS/ATM/CO	Maastricht Upper Area Control Centre/Air Traffic
	Management/Current Operations
MAAS/ATM/FCS	Maastricht Upper Area Control Centre/Air Traffic
	Management/Facilities
MAAS/ATM/STR	Maastricht Upper Area Control Centre/Air Traffic Management
	Strategy



MAAS/ATM/TRG Maastricht Upper Area Control Centre/Air Traffic

Management/ATM Training

MAAS/ATM/TS Maastricht Upper Area Control Centre/Air Traffic

Management/Technical Systems

MAAS/DIR Maastricht Upper Area Control Centre/Directorate

MAAS/DIR/HSM Maastricht Upper Area Control Centre/Directorate/Health and

Safety

MAAS/DIR/LPA Maastricht Upper Area Control Centre/Directorate/Legal,

Procurement and Accounting

MAAS/DIR/MAKC Maastricht Upper Area Control Centre/Directorate/Maastricht ATM

Knowledge Centre

MAAS/DIR/SEC Maastricht Upper Area Control Centre/Directorate/Secretary Pool Maastricht Upper Area Control Centre/Directorate/Strategy and

Performance Management

MAAS/DIR/SQS Maastricht Upper Area Control Centre/Directorate/Safety, Quality

and Security Management

MAAS/DIR/SSM/HRM Maastricht Upper Area Control Centre/Directorate/Support Services

Management/Human Resources

Management

MAAS/DIR/STK Maastricht Upper Area Control Centre/Directorate/Stakeholder

Relations

MAB Military ATM Board

MACMedia/Medium Access ControlMACMean Aerodynamic CordMACMaintenance Action Code

MAC Message for the Abrogation of Coordination

MAC Mid Air Collision

MACMessage Authentication CodeMACMedium/Media Access ControlMACManagement Advisory Committee

MAC Message for the Abrogation of Coordination

MACMilitary Airlift CommandMACCMilitary Area Control CentreMACCManchester Area Control Centre

MACE Multi-criteria Analysis for Concept Evaluation

MACE Malvern Capacity Estimate

MACEN Mando Centra

MACH Speed Relative to the Speed of Sound MACS Multiple Access Communications System

MADMADModel of Activity for Design

MADAMSMode-S and ACAS Data Management SystemMADAPMaastricht Data Processing and Display SystemMADARSMaastricht Data Analysis and Reporting System



MADR Madrid FMU

MADREC Maastricht Data Recording

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 Optimization

MAEVA Master ATM European Validation Plan

MAG Magnetic

MAG LBL Magnified Label

MAGA Serious Illness Relative in the Ascending Line

MAGBSerious Illness CohabiterMAGCSerious Illness SpouseMAGESerious Illness Child

MAGF Serious Illness Child of Cohabiter

MAGIC Manager of Air-Ground Interface Communications

MAGPSerious Illness Cohabiter ParentMAHFMissed Approach Holding Fix

MAHWP Missed Approach Holding Waypoint

MAICA Modelling and Analysis of the Impact of the Changes in ATM

**MAINT** Maintenance

MAISMaximum Abbreviated Injury ScaleMAKCMastricht ATM Knowledge CentreMALEMedium Altitude Long Endurance

MALNUncertified SicknessMALOCertified Sickness

MALS Medium-Intensity Approach Lighting System

MALSF Medium-intensity Approach Lighting and Sequenced Flashing lights

MALSR Medium Intensity Approach Lighting System with Runway

Alignment Indicator Lights

MALSR MALS with Runway Alignment Indicator Lights

MAMMedium Area Multi-laterationMAMMaintenance Assumed MonitoringMAMMIMulti-actor Man Machine Interface

MAN Manual Message

MANMultiple Area NetworkMANMetropolitan Area NetworkMANACTManual Activation Message

MANACT Manual ACT

MANL Uncertified Illness Replaced

MANPADSMan-portable Air Defense SystemMANSMetropolitan Area NetworksMANSUPMacedonian ANS Upgrade Project

MANTAS Maastricht ATC New Tools and Systems

MANTEA Management of Surface Traffic at European Airports

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme



MAP Mapping

MAPMissed Approach PointMAPMissed Approach ProcedureMAPMeteo Aeronautical Charts

MAP SDD Video Map

MAP Aeronautical Map or Chart
MAP Maintenance Action Plan

MAPMilitary Assistance/Airport ProgramMAPMaintenance Automation Program

MAP Modified Access Pricing

MAPD Maximum Agreed Period of Disruption

MAPI Messaging Application Programming Interface MAPSG Mode-S and ACAS Program Steering Group

MAPT MUAC Annual Planning Tool
MAPt Missed Approach Point
MAR Mode-A Reconstructor

MARMarchMARAt Sea

MARA Maastricht Rating Training Project

MARRES Manual Radar Return Exploitation System

MARS Maastricht Reserve System
MARS Military Air Route Structure

MARS Monitoring and Reference Station

MARSA Military Authority Assumes Responsibility for Separation of Aircraft

MART Message Acknowledge Response Time

MARTIN Maastricht Randomization Tool for Intake Numbers

MARTOS MADAP Real Time Operating System

MAS Mode-S and ACAS (Program)

MASMultiple Access StoreMASMiddle Airspace

MAS Multi-source Acquisition Suite
MAS Missed Approach Surface

MAS Military Agency for Standardization

MAS Message Assurance Service

MAS Manual Assumption of Communication
(UAC) Maastricht Upper Area Control Centre

MAS Manual Assume of Control Message

MAS Manage Airspace

MAS UAC Maastricht Upper Air Control
Mastricht Track Sorver

MAS-TS Maastricht Track Server
MAS/E Maastricht Engineering Division

MAS/H Maastricht Engineering Division
MAS/O Maastricht Operations Division
MASAW Minimum Safe Altitude Warning



MASCMediterranean Aviation Safety CellMASORMilitary Area Services Operations RoomMASPMinimum Aviation Specification PerformanceMASPSMinimum Aviation System Performance Standards

MASPS Minimum Aviation/Aircraft System Performance Specifications

MASSMulti-aircraft Simplified SimulatorMASSMilitary Approach Surveillance SystemMASSMaintenance Automation System Software

MAST Multi-aircraft Simulation Terminal

MAST 4 4 States Integration and Maastricht Development Steering Group

MASUACMaastricht Upper Area Control CentreMATMackinnon-aerospace and Training

MAT Message Acknowledge Time

MATCC Military ATC Centre

MATCOMMaastricht ATC Operations ManualMATDMinimum Approach-to-terrain DistanceMATEMulti-aircraft Training Environment

MATIAS Magyar (Hungarian) Automated and Integrated Air Traffic Control

System

**MATO** Military Air Traffic Operations

MATOS Modélisation et Allocation de Tâches entre Opérateur et Système

(FR)

MATRACMilitary Air Traffic Radar (Control) CentreMaTraCproMaastricht Trainee Career Progression

MATS Malta Air Traffic Services Ltd Manual of Air Traffic Services

MATSE Meeting of ECAC Transport Ministers on the Air Traffic System in

Europe

MATSOG Military Air Traffic Services Organization Germany

MATWP Missed Approach Turning Waypoint MATZ Military Aerodrome Traffic Zone

MAVMedium Access ControlMAWPMissed Approach Waypoint

MAX Maximum May

MAZ Mini ASCAP-ZKSD Coupling

mbMillibarMBMaribor

MB Message for Comm-B (Data-field in Downlink SLM)

MB Megabyte

MB Management Board MB Message-B (Field)

MbMillibarsMB-IIMultibus II



**mbar** Millibar

MBB Messerschmitt, Bölkow and Blöhm (DE)

MBDMicrowave Barrier DetectorMBIMessage Block IdentifierMbit/secMegabit per Second

MBOManagement by ObjectivesMbpsMegabits per SecondMBRMittel Bereich Radar (DE)MBSMaximum Burst SizeMBSMobile Broadcast ServicesMBSMultisite Comm-B Sub-field

MBST Microburst

MBT Maneuvers Based Training

**MByte** Megabyte

MC Message-C (Field)

MC Monaco (ISO Countries Code)

MCMedium CapacityMCMedical CertificateMCMain Computer

MC Message for Comm-C (Data-field in Downlink SLM)

MC Middleware Channel

Mc/sMegacycles per Second (MHz)MCAMinimum Crossing Altitude

MCA Multi-criteria Analysis

MCAC Military Common Area Control

MCASMarine Corps Air StationMCCMaster Control CentreMCCMission Control Centre

MCCMünster Coordinating ControllerMCCMain Computer Complex (Maastricht)

MCCMilitary Control CentreMCCMaintenance Control CenterMCCBMain Change Control Board

MCCE Movement Coordination Centre Europe
MCCI Multi-crew Cooperation Instructor

MCDA Multi-criteria Decision Analysis

MCDMMeasure Collaboration Decision MakingMCDUMaintenance and Control Display UnitMCDUMultifunction Control and Display Unit

MCE Management Centre Europe (Seminars/Courses)

MCFManning Calculation FormulaMCFMaintenance Check FlightMCGMaastricht Coordination Group



MCH Modified Cooper-Harper Rating Scale for System Workload

Assessment

MCI Mobile Communication Infrastructure

MCIMode C IntruderMCKMaintenance CheckMCLMiddle Compass Locater

MCM Model Configuration Management

MCMG Military Committee Meteorological Group

MCnMedium Capacity NeedsMCPMode Control Panel

MCPMultifunction Control PanelMCPManagement Control Point

MCR Minimum Cell Rate

MCRIMilitary Certification Review ItemMCRR1Muac Reserve Sector Position [1]MCRR2Muac Reserve Sector Position [2]

MCS Maintenance and Convergence to SESAR

MCSMulti-aircraft Cockpit SimulatorMCSMonitoring and Control SystemMCSMaintenance and Control System

MCSMaster Clock SystemMCSMilitary Centre SupervisorMCSMaster Control Station

MCSGMilitary Committee Staff GroupMCTMaastricht Coordination Team

MCTR Military CTR Main CWP unit

MCU Modular Concept Unit Main Computer Unit

**md** Man Day

MD Moldova (ISO 2 Characters Country Code)

MD
 MD
 Management Domain
 MD
 Message D user data field
 MDA
 Minimum Descent Altitude
 MDA
 Minimum Discernible Signal
 MDA
 Model Driven Architecture
 MDA
 MDA
 Manageable Danger Area

MDA/H Minimum Descent Altitude/Height

MDB Minimal Detectable Bias

MDC Maintenance Diagnostic Computer

MDCRS Meteorological Data Collection and Reporting System

MDD Meteorological Data Distribution (Function)

**MDF** Main Distribution Frame



**MDFM** Material Delivery Forecast Module Mathematics Drafting Group **MDG MDH** Minimum Descent Height **MDI** Minimum Departure Interval Multiple Document Interface **MDI** MDI Manage Document Inputs Master Data Management **MDM MDM** Multi-disciplinary Measure Managed Data Network Service **MDNS** Madap Data Flight Plan **MDP** Maastricht Development Plan **MDP** 

MADAP Data Processor **MDP** 

Multistatic Dependent Surveillance **MDS** Management Document Storage **MDS MDS** Minimum Detectable Signal

Mean Down Time **MDT** 

Maintenance Data Terminal **MDT** Mission Development Trajectory **MDT MDT** Maintenance Data Terminal

Message Editing ME Message E Data Field ME **MEA** Minimum En-route Altitude

**MEARTS** Micro-FARTS Main Earthing Bar **MEB** 

**MEC** Münster Executive Controller

Military European Convergence and Implementation Plan Focus **MEC FG** 

Group

Model for the Economical Evaluation of the Capacities of the ATM **MECA** 

System

**MUAC East Sector Position MECO** 

**MECO** Main Engine Cutoff Millions of ECU **MECU** 

**MED** Aviation Medicine/Medical Maintenance Error Decision Aid **MEDA** 

**MEDA** (MEDA I, (the Financial Instrument of the Euro-mediterranean Partnership) -

MEDA 12: Algeria, Cyprus, Egypt, Israel, Jordan, Lebanon, Malta, MEDA-II)

Morocco, the Palestinian Territory, Syria, Tunisia and Turkey.

Mécanisme d'Echange et de Diffusion d'Information Cartes Inter **MEDICIS** 

Systèmes (FR)

Multipath Delay Lock Loop **MEDLL** 

**MEDUP** Mediterranean Upgrade Program

Methodology for the U-Space Safety Assessment medusa

Minimum Essential Facilities **MEF** 



**MEFISTO** Modelling, Evaluating and Formalizing Interactive Systems using

Tasks and Interaction Objectives

**MEG** Magnetoencephalography

MEHT Minimum Eye Height Over Threshold

MELMinimum En-route LevelMELMinimum Equipment List

MEMPAC CBT on Memory, Perception, Cognition and Attention

**MEMS** Microelectromechanical Systems

MEO Medium Earth Orbit

MEOsMedium Earth Orbit SatellitesMEPMaastricht Exchange PositionMEPManual Exchange PositionMEPMUAC East Sector PositionMEPMilitary Engagement PlanMEPACMUAC East Sector Position

MEPC MUAC East Planning Coordinator
MEPS Military Engagement Plan for SESAR

MERC1MUAC East Sector PositionMERC2MUAC East Sector Position

**MERISE** Méthodes Eprouvées de Ralentissement Important et Significatif des

Etudes (FR)

**MERR** MUAC East Sector Position

MESMobile Earth StationMESMobile Earth StationsMESMulti-site Elm Sub-field

MESZMitteleuropäische Sommerzeit (DE)METMeteorological or Request Metar

METMeteorological Services for Air NavigationMETMeteorology/Meteorological Information

METEOSAT 9 (standby geostationary satellite over Africa

at 0 degrees West)

MET 10 METEOSAT 10 (operational geostationary satellite over

Africa at 0 degrees West)

**METAR** Aviation Routine Weather Report

**MET SVC** Meteorological Services

MET/AIS Meteorological and Aeronautical Information Processing System

MET/TF Task Force on the Allocation of Meteorological Costs to Civil

**Aviation Users** 

**METAR** Meteorological Aerodrome or Aeronautical Report

METCE Modèle pour l'Échange des informations sur le Temps, le Climat et

l'Eau (WMO)

METEOSAT Geostationärer meteorologischer Satellit der ESA

MEZ Mitteleuropäische Zeit (DE)

**METI** Meteorological Information



MEU	Medical Examination Unit
MEURO	Millions of Euro
MF	Multi-frequency
MF	Multi-field
MF	More Frames
MF	More Fragments
MF	Manning Factor
MF	Medium Frequency (300 kHz - 3 MHz)
MF	Metering Fix
MF	Multiplication Factor
MF	Middle Frequency
MF-format	MF Address Format
MFA	Message Format Area
MFA	Multilateral Framework Agreement (SESAR JU)
MFA	Minimum Flight Altitude
MFA	Multi-factor Authentication
MFA1	CPL Message Format Area Gat
MFA10	CPL Message Format Area Oat
MFAL	Major Functional Areas List (
MFC	Multi Format Converter
MFC	Multi Frequency Coding (Telephone System)
MFC	Multi Frequency Compelled
MFC-R2	Multi Frequency Compelled - R2
MFC/LB	Multi Frequency Coding / Local Battery
MFD	Main Function Display
MFD	Multi-Function Display
MFD	Mini Flight Data
MFDA	Military Flight Data Assistant
MFDA1	MUAC Flight Data Assistant [1]
MFDA2	MUAC Flight Data Assistant [2]
MFDA3	MUAC Flight Data Assistant [3]
MFF	Mediterranean Free Flight (Project)
MFG	Manpower Focus Group
MFI	Mainframe Interactive
MFJ	Modified Final Judgment
MFL	Military Flight List
MFO	Medical Field Office
MFLOPS	Million Floating Point Operations per Second
MFPU	Mobile Field Processing Unit
MFS	Mainframe Systems Team (Phased-out System)
MFS	Message from Shanwick
MFS	Maastricht Fallback System
MFT	Meter Fix Crossing Time/Slot Time
MFUR	Most Frequently Used Route



MG Military General

MGAMessage Guidance AreaMGCMain Graphics Controller

MGF Maneuver Generation Function

MGT Management

MGTOW Maximum Gross Take-off Weight

MGV Miss Generation Volume

MHA Minimum Holding Altitude

MHDD Multifunction Head Down Display (Eurofighter)

MHE Message Handling Environment

MHF Medium High Frequency

MHS Message Handling Service (or System)MHT Multi-hypothesis Technique (ARTAS)

MHT Multi-head Tracking

**MHz** Megahertz

MIA Minimum IFR Altitudes

MIAT Mission d'inspection administrative et technique (Administrative

and Technical Inspection Committee)

MIB Management Information Base

MIC Microphone (VCS)

MICA Mode-S Interrogator Code Allocation
MICA Met Improvements for Controller Aids

MICAM Military Code Assignment (or Allocation) Method

MICCA Mode-S Interrogator Code Conflict Alerter

MICoG Mode-S IC Coordination Group

MICOG Mode S Interrogator Code Coordination Group

MICUP Méthode d'Interaction Constante des Unités Programmées

(Computerised Unit Constant Interaction Method)

MID MID Point (Relating to RVR)
MID ICAO Area G, Middle East

MIDA Message Interchange Distributed Application
MIDAS Man-machine Integration Design Analysis System

MIDCAS Mid-air Collision Avoidance System

MIDE Madap Integrated Development Environment
MIDO Manufacturing Inspection District Office

MIDS Multi-function Information Distribution System

MIF MTI Improvement Factor

MIFG Shallow Fog

MIG Mikojan - Gurevich

MIHF Media Independent Handover Framework

MILMilitary OrganizationsMILMilitary Business Division

MIL Military

MIL AHSG EAD Military Ad-hoc Sub-group on EAD Matters



MIL BDMilitary Business DivisionMIL FSMilitärische Flugsicherung (DE)

MIL-HDBK Military Handbook MIL-STD Military Standard Milatrc Military ATC Centre

MILATCC Military Air Traffic Control Centre

MILE Multiple Integrated Laser Engagement System

MILEX Military Exercise

MILHAG Military Harmonization Group

MILNETMilitary NetworkMILOMilitary Liaison OfficerMILREPMilitary Representation

MILSATCOM Military Satellite Communications

MILT Military Team

MIM Marketing and Information Management
MIME Multi-purpose Internet Mail Extensions

MIME Market-based Impact Mitigation for the Environment

MIN Message Identification Number

MIN Minute min Minute

MINFAP Minimum Facilities Project

MINIPLN Set of Flight Plan Related Information Provided by an FPPS to an

ARTAS Unit, Used for track Labelling

MINIT Minutes in Trail

**MINLINEUP** Minimum to Line-up for Take-off

MIO Münster Input Operator

MIOMilitary Sector Input OperatorMIOManufacturing Inspection OfficeMIPMultinational Information ProductionMIPMulti-format Integration of Plots

MIP Merge Initiation Point
MIP Mode Interlace Pattern

MIPS Million Instructions per Second

MIR Management Information Repository

MIR Master Inspection Record
MIR Management Initiation Report

MIRACULIX Multi Interface Radarformat Calculator and User Line Information

Exchange

MIRL Medium Intensity Runway Lights

MIRTE Maastricht Interactive Route Training Environment

MIS Manual Input Station

MIS Management Information System
MIS Meteorological Impact Statement

MISC Miscellaneous



Manufacturing Inspection Satellite Office **MISO** Massachusetts Institute of Technology MIT MIT Miles in Trail (US) MITL Medium Intensity Taxiway Lights R&D Company Associated with the Massachussets Institute for **MITRE Technology** MIW Message in Window Μk Mark The former Yugoslav Republic of Macedonia (ISO Country Codes) MK Mark 12 Transponder **MK12** Military Key Performance Indicator **MKPI** Marker Radio Beacon **MKR** Meter Kilogram Second **MKS** Mean Level ML Maximum Likelihood ML ML Military **MLAT** Multilateration **MLD** Military Liaison Division Mean Logistic Down Time **MLDT** Maastricht Legal Expert **MLE** Ministry of Land, Infrastructure, Transport and Tourism (Japan) **MILIT MLS** Microwave Landing System MLS Manual Line Switch **MLT** Multilateration Millimeter mm Middle Marker MM Man-month mm Mental Model MM MM Middle Marker Mobility Management MM **MMAC** Mike Monroney Aeronautical Center Multimedia Computer **MMC** Maintenance Monitoring Console **MMC** Master Minimum Equipment List **MMEL** Millimeters of Mercury (Unit of Pressure) mmHa **MMHS** Military Message Handling System Man-Machine Interface. See HMI MMI Martin-Marietta International Link

MMRMulti-mode ReceiverMMRMinimum Monitoring Requirement

MMIL MMO

Mmo

**MMOC** 

**MMPI** 

Main Meteorological Office Maximum operating Mach

Martin-Marietta Overseas Corporation

Minnesota Multi-phasic Personality Inventory



MMS Message Multiplying System
Military Mission System

**MMS** Military Mission System

MMSMan - Machine Interface and SupervisionMMSMaastricht UAC Management SystemMMSMan-Machine interface SupervisionMMSMaintenance Monitoring SystemMMSSRMulti Mission Monopulse SSRMMULManagement SystemMMULManagement SystemMMULManagement System

MMUManchester Metropolitan UniversityMMUSICMultipart Multimedia Session Control

MNC Major NATO Commander

MNCC Multinational Coordination Centre MNCO MUAC North Sector Position

MNM Minimum

MNPAC MUAC North Sector Position

MNPC MUAC North Planning Coordinator

**MNPS** Minimum Navigation Performance Specification

MNPSA Minimum Navigation Performance Specification Airspace

MNRC1MUAC North Sector PositionMNRC2MUAC North Radar Controller 2MNRRMUAC North Sector PositionMNSMobile Network ServicesMNSMission Need StatementMNTMach Number Technique

MNT Monitor Maintain

MNWG Multi-national Working Group

MOMaintenance opérationnelleMOManagement ObjectiveMOAMemorandum of Agreement

MOA Maintenance Organization Approval

MOA Military Operations Area

MOB Mobile

**MoC** Means of Compliance

MOC Minimum Obstacle Clearance MoC Memorandum of Cooperation

**MOCA** Minimum Obstruction Clearance Altitude

MOCBITE Maastricht Operational Computer Based Information, Training and

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**Examination System** 

MOCC Mid-States Operations Control Center

**MOD** Ministry of Defense

**MOD** Modification

MOD Method of Operations Document

**MOD** Memorandum of Decision

**MOD** Moderat



**MODAF** Ministry of Defense Architecture Framework

**MODCOND** ATFM Exceptional Condition Modification Message Mode A A Secondary Radar reply Message Giving Aircraft Identity A Secondary Radar reply Message Giving Aircraft Hight Mode C

Altitude Reporting Mode of Secondary Radar **MODE C** 

Altitude Reporting Mode of Secondary Radar (ICAO) **MODE C** 

Mode Select: Discrete Addressable Secondary Radar System With **MODE S** 

Data Link

Mode S-SG Sub-group for the Initial Implementation of Mode-S Enhanced

Surveillance

**MODE-S** Mode Select

Modulator Demodulator Modem **Dutch Ministry of Defense MODNL** 

ATFM Regulation Modification Message **MODREG** 

**MOF** Mode of Flight Minister of Finance MoF

Longitudinal Mode of Flight **MOFL** Mode-S FDPS Requirements **MOFR MOFT** Transversal Mode of Flight Vertical Mode of Flight **MOFV** 

**MOGAS** Motor Gasoline

**MoldATSA** Moldovan Air Traffic Services Authority Message Orientated Middleware **MOM** 

Minutes of Meeting MoM

Mode-S Data Link Model **MOMO** 

MON Monday

Monitoring System MON

MON Centre of Expertise Monitoring

MON Monitor Unit MON **Above Mountains MONA** Monitoring Aids

Mitigation of the Noise Impact of Civil Aviation **MONICA** 

Multiplexer Operated Network Infrastructure for High Quality **MONIQUE** 

Date: 2021-01-28

Exchange

Menu of Output of Plans in System **MOOPS** 

Milestone Objective Plan **MOP** 

Minimum Operational Performance Specifications **MOPS MOPS** Minimum Operational Performance Standards

Mandatory Occurrence Reporting **MOR** Military Operational Requirements **MOR MORA** Minimum Off-route Altitude

**MORS** Mandatory Occurrence Reporting Scheme

Mean Opinion Score MOS MOS Minimum Operating Strip



MOS Military Operations Specialst MOS **Model Output Statistics** 

**MOS-LQO** Mean Opinion Score-Listening Quality Objective **MOSD** Mission Objectives and Strategy Document

Mode S Operational Simulation for Enhanced Surveillance **MOSES** 

Mode-S Squitter Unit (Thales - for Surface Vehicles) **MOSQUITO** 

Maastricht Operational Statistics Tool **MOST** 

**MOSYS** MUAC Operational Systems (i.e. OPS Systems Requirements Team

at MUAC)

**MOT** Ministry of Transport

Multinational Operational Testing and Evaluation **MOT&E** Message Oriented Text Interchange System **MOTIS** 

Meteorological Operational Telecommunications Network Europe **MOTNE** 

Mouse Pointing Device MOU

Memorandum of Understanding MoU

Mode-S Operational Use of Enhanced Surveillance **MOUSES** 

Mode-S Operational Use of Enhanced Surveillance Task Force **MOUSES TF** 

Move(ment), Moving MOV

MOV Move rlb: mkr Moves Picture to the Desired Centre Position

**MOW** Message out Window

**MOX** Maastricht Operational Telephone Exchange

MOX (-B) Maastricht Operational Telephone Exchange (Version B)

Microprocessor αM MP Maintenance Plan

**MP** Mapping

Manpower Planning **MP** Message Priority **MP** Mental Picture **MP** 

Management Planning System Evaluation and Control **MP-SEC** 

Maritime Patrol Aircraft **MPA** Military Planning Assistant **MPA MOF** Performance Analysis **MPA** 

Multi-function Phased Array Radar **MPAR** Military Planning Coordinator **MPC** 

**MPC** Multimedia PC

**MPC** Message Processing Centre Military Planning Controller **MPC** 

Multiple Protocol Communications Controller **MPCC** 

Date: 2021-01-28

Most Penalized City Pairs in Europe **MPCPE** 

**MPD** Multi Purpose Display

**MPDP** Masuac People Development Program Medium Powered Doppler Radar **MPDR** 

**MPDU** MAC Protocol Data Unit **MPDU** Message Protocol Data Unit



MPEMaximum Permissible ExposureMPEGMoving Pictures Experts GroupMPFRMulti-purpose Flight RecorderMFPSMulti-purpose File SystemMPH(Statute) Miles per Hour

MPL Mini Flight Plan

MPL Multi-crew Pilot License

MPLCO Map Parameter List Communication Object

MPLSMulti-protocol Label SwitchingMPMTMulti-protocol Message Terminal

MPOMaastricht Project OfficeMPOManagement Project Office

MPO Metropolitan Planning Organization

MPOAMulti-Protocol Over ATMMPPMUAC Prioritization Plan

MPR Swedish National Board for Measurement and Testing

MPRMedium Powered RadarMPRTMenu Preview Response Time

MPs Manpower Planners

MPS Manpower Planning Sub-group

MPS Mission Planning System MPS Meters per Second

MPS Minimum Performance Specification

MPS Maintenance Processor Subsystem (OR) Master Plan Supplement

MPSC Maximum Passenger Seating Configuration

MPSGManpower Planning Sub-groupMPTMinimum Performance Transponder

MPVU Multiple Plot Variable Update MPX Multiplex (Transmission)

MR Mobile Router

MRA Mandatory Route Activation/Cancellation/Modification Message

MRA Military Reserved Airspace
MRA Minimum Reception Altitude
Minimum Reception Airspace

MRAMixed Route AirspaceMRBMaintenance Review BoardMRBMaastricht Review Board

MRBO Maastricht Review Board Operations Division

MRC Multi Radar Computer
MRC Military Radar Controller

MRCMonitoring and Remote ControlMRCMonthly Recurring ChargeMRCMinimum Radar Vectoring Chart

MRCA Multirole Combat Aircraft

MRCC Multiple Reference Consistency Checks



**MRD** Mission Requirement Document **MRDP** Multi Radar Data Processing

**MRDPS** Multi Radar Data Processing System

Multi Radar Daten Verarbeitung / Multi-radar Processing System **MRDV** 

Multi Radar Environment Assessment **MREA** 

**MRF** Mobile Routing Facility

Medium Range **MRG** 

MRI Magnetic Resonance Imaging

Master Record Index MRI

Mountain Rating Instructor MRI

**MRK** Marker

Minimum Risk Level MRL

**MRM** Minimum Required Maneuver Maintenance Returned Monitoring **MRM** 

**MRN** Message Reference Number

Maintenance Repair and Overhaul **MRO** 

ATS / Met Reporting Point **MRP** Mandatory Rerouting Message **MRR** Minimum Risk Routing Point **MRRP** Monitoring and Ranging Stations **MRS** Mandatory Radar Service Area **MRSA** 

**MRT** Mean Response Time

Monitorina R/T **MRT** 

Monitoring R/T, an ACM Service Message **MRT** 

Multi Radar Tracking **MRT MRT** Multi-Radar Tracking

**MRT-VU** Multi Radar Tracking, Variable Update **MRTD** Machine-Readable Travel Document Multi Radar Tracker and Server (System) **MRTS** 

**MUAC Reserve Sector Position 1** MRTS1 MRTS2 MUAC Reserve Sector Position 2

Projekt Marknadsföring Rekrytering Urval och Utbildning (SE) **MRU** 

Date: 2021-01-28

(Project for Marketing, Recruitment, Selection and Training for

ATCO Students in Sweden)

**MRVA** Minimum Radar Vectoring Altitude

**MUAC** West sector Position **MRWR** 

Microsoft MS

Middleware Service MS

Minus MS

MS Member State ms Millisecond MS Message Store

MS Maintenance Spécialisée Mode-S System Task Force MS TF



MS-DTS Medium Speed-Data Transmission System

MSA Multi-system Assistant
MSA Minimum Safe Altitude
MSA Minimum Sector Altitude

MSAP Middleware Service Access Point

MSAS MTSAT Satellite Based Augmentation System

MSASMTSAT Augmentation SystemMSATMulti-purpose Transport SatelliteMSAWMinimum Safe Altitude WarningMSBManagement Support Bureau

**MSB** Most Significant Bit

MSBNMobile Satellite Business NetworkMSCMaastricht Steering CommitteeMSCMessage Services Component

MSC Multi-system Coupling
MSC Mobile Switching Centre

**MSC** Meteorological Services Communication

MSCMiscellaneous Simulation FacilityMSCCMode-S Conspicuity CodeMSDMost Significant DigitMSDModem Sharing Device

MSD Multi-Site Damage

MSDA Material Safety Data Sheet MSDS Microsoft Data Engine

**MSDU** Middleware Service Data Unit

MSEA Multi-Sensor Environment Assessment

**msec** Millisecond

MSF Master Simulation Facility
MSG Manpower Sub-group

**MSG** Message

**MSGDLP** Mode-S Ground Data Link Processor

MSGFMessage Format aftnMSGSUMMessage SummaryMSGTXTMessage Text

**MSHT** Material Standardization Harmonization Team

MSI IR Implementing Rule on Mode-S Interrogator Code Allocation

MSK Minimum Shift Keying

MSL Mean Sea Level

MSN Multiple Subscriber Number
MSN Message Switching Network

MSNDCF Mobile Subnetwork Dependent Convergence Function

MSNFMulti System Networking FacilityMSOMessage Start OpportunityMSPMode-S Specific Protocol



MSP Multi-sector planning

MSPC MUAC South Planning Coordinator
MSPO Maastricht Simulator Planning Office

MSPSCO Madap Specific Plan Server Communication Object

MSPSR Multi Static Primary Surveillance Radar MSQS Maastricht UAC Safety Quality Security

MSR Message success rate
MSR Monthly Status Report

**MSRT** Mean Services Restoration Time

MSSMobile Satellite ServicesMSSMessage Storage SystemMSSMessage Switching System

MSS Maintenance and Support Services

MSSMass Storage SystemMSSMode-S Specific ServiceMSSAMessage Switching SystemMSSEMode-S Specific Service EntityMSSPMode-S Specific (Service) Protocol

MSSR Monopulse Secondary Surveillance Radar

MSSSMode-S Specific ServiceMSTMember State TaskMSTMultiple Sensor Tracking

MSTAMode-S Trials and ApplicationsMS TFMode-S System Task ForceMSTUMultiple Stagger Trigger UnitMSUManagement Storage Unit

**MSUP** Military Supervisor

MSVG Member States' Voluntary Group

MSX Microsoft Extended (Basic)

MT Message Transfer

MT Mountain

MT Mission Trajectory
MT Message Type
MT Magnetic Track

MT Malta (ISO 2 Characters Country Code)

MT Mosaic Table

MT-ServiceMessage Transfer ServiceMTAMessage Transfer AgentMTAMessage Transfer AreaMTAMilitary Training Area

MTACMultiple Time Around ClutterMTAEMessage Transfer Agent EntityMTATMultiple Time Around Targets

MTBCF Mean Time Between Critical Failures

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Authors: N. Rieck & M.-M. Temme



MTBFMean Time Between FailureMTBRMean Time Between RemovalsMTCAMedium-term Conflict AlertMTCDMedium-term Conflict Detection

MTCDR Medium-term Conflict Detection and Resolution
(Short) and Medium Term Capacity Enhancement Plan

MTCS Modular Terminal Communications System

MTCU Message Transfer and Control Unit

MTD Moving Target DetectorMTD Micro Tabular DisplayMTD Medium Time to DetectMTD Mean Down Time

MTD Moving Target Detection

MTDP Maastricht Technical Development Plan

MTEM Ministère des transports, de l'équipement et de la mer (FR)

MTF Medium-term Forecast

MTF Modulation Transfer Function

MTFA MTF Area MTF Integration

MTIMoving Target IndicationMTIMoving Target IndicatorMTLMessage Transfer Layer

MTMA Major TMA

MTN Mega Transport Network

MTO Maintenance Training Organization

MT OBSC Mountains obscured

MTOE Million Tones of Oil Equivalent

MTOMMaximum Take-off MassMTOTManaged Take-off TimeMTOWMaximum Take-off WeightMTPMessage Transfer Protocol

MTP Medium-term Plan

MTPA Mobile (SSR) Transponder Performance Analyzer

MTRMid-term ReviewMTRMilitary Training RouteMtraqMulti-track Quality

MTS Maneuverable Target Simulator
Upper Winds and Temperature Data

MTSMessage Transfer SystemMTSMemory Time SwitchMTSMeteorological Store

MTSATMultifunction Transport SatelliteMTSOMobile Telephone Switching Office

MTTF Mean Time to Failure



MTTR Mean Time to Repair/Restore/Recover

MTTRIruMean Time to Repair LRUMTTRpMean Time to Repair ProductMTTRsruMean Time to Repair SRUMTUMaster Trigger UnitMTUMaximum Transfer Unit

MTU Metric Units

MTU Magnetic Tape Unit

MTV Mid-term Concept Validation Program

MTW Mountain Waves

MTWA Maximum Take-off Weight Authorized MTWA Maximum Total Weight Authorized

MTX Matrix

**MU** Management Unit (ACARS)

Mu(Greek Letter, Lower Case) Symbol for MicroMUACMaastricht Upper Area Control CentreMUACCMaastricht Upper Area Control Centre

**MUC** Munich International Airport

MUDPIE Multiple User Data Processing Interactive Environment

**MUF** Maximum Usable Frequency

**MUFTIS** Model Use of Fast-Time Simulation

MUM Matcc Update Message

MURMaximum Unambiguous RangeMURATRECMulti-Radar Trajectory ReconstitutionMUSACMultiple Switching and Confirming

Muse Maastricht Upgraded Simulation Environment

MUTMean Up TimeMUXMultipleerMUXMultiplex

MVMotor VesselMVMonitoring Value

**MVA** Minimum Vectoring Altitude

MVACO Madap Value Added Communication Object

MVE Move (RLB)

MVFRMarginal Visual Flight RulesMVIDMajor Vector IdentifierMVPAMilitary Variable Profile Area

MVPA Mobile Virtual Path Network Architecture

MVSMultiple Virtual StorageMVSMonitor Vertical SpeedMVTMovement Message

mWMilliwattMWMegawattmwMan Week



**MW** Microwave link

MWAMessage Warning AreaMWCOMUAC West Sector PositionMWOMeteorological Watch Office

**MWP** Meteorological Working Position/Processor

**MWP** Main Work Package

**MWPAC** MUAC West Sector Position

MWPCMUAC West Planning CoordinatorMWRC1MUAC West Sector Position 1MWRC2MUAC West Sector Position 2MWT(A)Mean Waiting Time, Administrative

**MWTP** Mean Willingness to Pay

**MWW** (Incoming) Upper Wind and Temperature Forecast

**MX** Mixed Type of Ice Formation (White and Clear)

MXCOP Madap Exit Coordination Point



## 2.15. Letter - N

N	Neper
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**n** Symbol for Nano

Non-scheduled Flight Type

N Next Sector

N North, Northern Latitude

**N.OPS** Network Operations and Information Management Pillar

**N-CMPA** Non-complex Motor-powered Aircraft

**n-CONECT** Network-Common Enhanced Collaborative ATM

**N-Data** Network Data Service

**N-FDPS** New Flight Data Processing System

**N-FDPS** Next-generation Flight Data Processing System

N-FRGN-HRAN-HRANSA Human Resources ApplicationN-ODSNew Operator Input and Display System

**N/A** Not Available or Not Assigned

N/AN/AppN/CNot ApplicableNot Comparable

**N1-10** Number 1 to 10

**N90** Abbreviation for "New York TRACON

NA Navigation Aérienne
NA National Administration
NA Navaid or Navigation Aid

**NA** Non-active

**NAA** National Aviation Authority

NAA
National Airworthiness Authorities
NAAQS
NABS
National Ambient Air Quality Standards
National Augmentation Broadcast System

**NAC** NextGen Advisory Committee

NAC North Atlantic Council

**NAC** Navigation Accuracy Category

**NACA** National Advisory Committee for Aeronautics

**NACG** National Aeronautical Charting Group

**NACMA**NATO Agency for Air Command and Control System Management

**NACp** Navigation Accuracy Category for Position

NAD Network Added Delay NADA NADIN Concentrator

**NADC** NATO Air Defense Committee

NADGENATO Air Defense Ground EnvironmentNADINNational Airspace Data Interchange NetworkNADPNoise Abatement Departure Climb Procedure

**NADPS** Noise Abatement Departure Procedures

**NADSW** NADIN Switches



**NAEW NATO Early Warning** 

**NAEW & C** NATO Airborne Early Warnings (and Control)

New Arrival Form (Web Form) NAF NAF NATO Architecture Framework

North American Free Trade Agreement (Canada, US, Mexico) **NAFTA** 

Notice Advisory to GLONASS Users **NAGU** 

Non-Automated (or Non-automatic) Initiation NAI

NAIA New Athens International Airport

**NAILS** National Airspace Integrated Logistics Support Norwegian Aeronautical Information System **NAIS** 

Negative Acknowledgement NAK Negative Acknowledge NAK National Long Lines Agency **NALLA** North America Region **NAM** 

**NAM** Non AMC-Manageable Area

National Airspace Management Cell **NAMC** Nadge - ADMAR Message Exchange **NAME** 

**NATO Military Committee NAMILCOM** 

**NAMS** NADIN IA

NATO Maintenance and Supply Agency **NAMSA** NATO Maintenance and Supply Organization **NAMSO** 

NAN Next Authority Notified Message

**National Networks NANET** 

National Air Navigation Services Company (Egypt) **NANSC** 

Notice Advisory to NAVSTAR Users NANU Noise Abatement (Operating) Procedure NAP

NAP **National Associated Programs NAP** Needs Assessment Program

**NAPM** National Associate Program Manager

**NAPRS** National Airspace Performance Reporting System National Air Pollution Surveillance Network **NAPS** 

North American Route System **NAR** 

National Airspace Review 66 NAR

**NARACS** National Radio Communications System

Norwegian Automatic Dependent Surveillance **NARDS** 

National Radio Frequencies Agency **NARFA** 

Navigation Aids and Area Navigation Group **NARG** 

**NARP** National Aviation Research Plan NLR ATC Research Simulator **NARSIM** National Airspace System NAS

NAS **National Airspace** NAS **Naval Air Station** 

Network Administration System NAS

**NAS** National Airspace System or Naval Air Station



**NAS-Plan** National Airspace Plan

**NASA**National Aeronautics and Space Administration

NASA RTLX
NASA TLX
NASC
NASC
NASA Raw Task Load Index
NASA Task Load Index
NASC
NASO National AIS System Centre

**NASDA** National Space Development Agency of Japan

**NASDC** National Aviation Safety Data

NASE
NAS Adaptation Services Environment
NASG
Navigation Applications Sub-group
NASP
National Airspace System Plan

**NASPAC** National Airspace Performance Analysis Capability

**NASR** National Airspace System Resources

**NASTEP** National Airspace System Technical Evaluation Program

NASUG North American SIMMOD User Group

**NAT** Network Address Translation

**NAT** North Atlantic Track

**NAT** ICAO Area H, Northern Atlantic

**NAT ADS**North Atlantic Automatic Dependent Surveillance

**NAT ATMG**North Atlantic Air Traffic Management **NATCA**National Air Traffic Control Association

**NAT CADAG** North Atlantic Communications Automation and Data Link

**Applications Group** 

**NAT CMA**North Atlantic Region Central Monitoring Agency **NATCO**National Communications Switching Center

NAT IMG
North Atlantic Implementation Management Group
NAT MWG
NAT NAM
North Atlantic Mathematicians Working Group
North Atlantic / North America (ICAO Regions)
NAT OPS MNG
NAT PCO
North Atlantic Operations Managers Meeting
North Atlantic Program Coordination Office

**NAT RSSIG**North Atlantic Reduced Separation Standard Implementation Group

**NAT SPG** North Atlantic Systems Planning Group

**NAT VSIG**North Atlantic Vertical Separation and Implementation Group

**NAT-PT** Network Address Translation - Protocol Translation

**NAT-TFG** North Atlantic Air Traffic Forecasting Group

**NATA** National Air Traffic Agency, Albania

**NATCON** North Atlantic Concept

**NATINAD(S)**NATO Europe Integrated Air Defense (System)

**NATMAC**National Air Traffic Management and Advisory Committee **NATMC**National Airspace and Traffic Management Centre (Germany)

**NATMC**NATO Air Traffic Management Committee

NATMIG

North European ATM Industry Group

**NATN** (Swedish) National Aeronautical telecommunications Network

**NATO**North Atlantic Treaty Organization **NATPG**North Atlantic Planning Group



**NATS** National Air Traffic Services (UK)

**NATSPG** North Atlantic Systems Planning Group (ICAO)

**NAV** Net Asset Value

NAV Navigational Equipment (Flight Plan Item 18 Indicator)

**NAV** Navigation(al)

**NAV** Navigation (EUROCONTROL Domain Name)

**NAV-1** Radar Data System (Portugal)

NAVAID
NAVAID
NAVCEN
NAVDATA
NAVDB
Navigation Aid
Navigation Aid
Navigation Center
Navigation Data
Navigation Data Base

**NAVIAIR** Flyvesikrinstjenesten (Danish Air Navigation Service Provider)

**NAVMN** Navigation Monitor and Control

**NAVSAT** Navigation Satellite

**NAVSEP** Navigation and Separation Specialist Panel Navigation Satellite Timing and Ranging System

NAWAU
National Aviation Weather Advisory Unit
NAWPF
National Aviation Weather Processing Facility

**NAWS** NILU Ash Warning Service

**NB** Northbound Finnish CAA (SU)

**NBAA**National Business Aviation Association **NBAA**National Business Aircraft Association

**NBAC** Number of Aircraft

**NBCAP** National Beacon Code Allocation Plan

**NBCFAE** National Black Coalition of Federal Aviation Employees

**NBFR** Not Before ...

**NBS** National Bureau of Standards

**NBV** Net Book Value

NC No Change

**NC** Number of C-segment (Bits)

NC non-compliant Non-conformance

NC Non-critical

**NC** Navigation Computer (Eurofighter)

NC Normally Connected NC Normally Closed

**NCAR** National Center for Atmospheric Research; Boulder, CO

NCC Non-commercial Air Operations with Complex Motor-powered

Aircraft

**NCAA** Norwegian Civil Aviation Authority

NCAA NATO Civil Aviation Agency
NCAB National Civil Aviation Board



**NCAIC** National Civil Aviation Information Centre

**NCAT** Net-centric Air Transportation

NCC Non-commercial Operations with Complex Motor-powered Aircraft

**NCCA** No Clearance to Civil Aircraft

**NCCF** Network Communications Control Facility

**NCD** Network Adapter Card

**NCD** Network Capacity and Demand

NCD No Clouds Detected
NCF National Control Facility
NCIPD National CIP Documents

NCIUNEXRAD Communications Interface UnitNCMSNetwork Channel Management SystemNCMSNetwork Channel Management Station

**NCN** Non-compliance Notification

NCO Non-commercial Air Operations with Other than Complex, Motor-

powered Aircraft

**NCOP** Entry Coordination Point

NCP National Supervisory Authorities Coordination Platform

NCP Network Control Protocol
NCP Entry Coordination Partner
NCP Network Control Program
NCP Noise Compatibility Program

NCP NAS Change Proposal

NCP National Communications SystemNCQ Network, Communication, Quality Unit

NCR Non-conformity Report

NCS
Network Communication System
NCS
Navigational Computer System
Network Control System/Station

NCT North California TRACON
NCW Non-conformance Warning

**ND** Number of Dte Addresses

ND **Network Digit Navigation Display** ND Number of D-Segment ND Network Delay Attribution **NDA** Non-disclosure Agreement **NDA National Distribution Agency NDA** Next Data Authority (ICAO) **NDA** Non-directional Beacon **NDB** 

NDB/ADF Non-directional Beacon/Automatic Direction Finder

NDB-A Nondirectional Beacon Circling Approach
NDBX Open Navigation Data Base Standard

**NDC** National Data Center



**NDE** Node Processor

NDEFNDINDINon-development ItemsNDINondestructive Inspection

NDNB NADIN II

**NDOP** Network Directors of Operations

**NDOP/NDTECH** Network directors of operations & Technology **NDP** National Airspace System Defense Programs

NDSNDSNOn-Deviation StatusNDTNDVNo Directional Variation

**NE** Network Element

**NE** North-East

**NEA**Nederlands Instituut voor Economische Argumentatie (NL)

**NEAC** North European ANS Providers Cooperation

**NEAN** North European ADS-B Network

**NEAP** North European CNS/ATM Application Project

**NEAP** North European ANS Providers

**NEASCOG** NATO/EUROCONTROL Air Traffic Management (ATM) Security

Coordinating Group

**NEB** North/Eastbound

**NEC** National Environment Coordinator

**NEC** National Electric Code **NECP** Entry Coordination Point

**NECS** Next Generation End User Computing Services Project

**NED** National Elevation Data **NEF** Noise Exposure Forecast

**NEFAB** North European Functional Airspace Block

NEFRA North European Free Route Airspace Programme
NEG Negative, No, Incorrect, Permission Refused

**NEGATIVE RA**RA Applying Maximum Vertical Rate

**NEI** Noise Exposure Index

**NELS** Northwest European Loran-C System

**NEM** Noise Exposure Map

**NEMC** Network Enterprise Maintenance Center

**NEMO** Network Mobility

**NEO**Network Enabled Operations
NEON
New Organization Natenheim

**NEP** (A)NSP Expert Panel

NERC New En-Route Control Centre
NERC System New En-Route Centre System

**NERS** North Atlantic European Routing System



NES Navigation Ground Earth Station
NESN Next Expected Sequence Number
nest Network Strategic Monitoring Tool

**Net** Network

**NET** Network Entity Title

**NET BD**Network Capacity Business Division **NET-TF**Network Management Task Force

NetBIOS-DGMNet Bios Datagram ServiceNetBIOS-NSNet Bios Name ServiceNetBIOS-SSNNet Bios Session ServiceNETCAPNetwork Capacity (Simulator)

**NETMA**NATO Eurofighter and Tornado Management Agency

**NETO** Entry ETO

**NEVAC** Network Estimation Visualization ACC Capacity

NEWCTOTNew Calculated Take-off TimeNEWEOBDNew Estimated Take-off DateNEWEOBTNew Estimated Off-block TimeNEWETOTNew Estimated Take-off Time

NewPENSNew Pan-European Network ServiceNEWPTOTNew Provisional Take-off TimeNEWREGNew ATFM Regulation Message

**NEWRTE** New Route

**NEXCOM** Next Generation Air/Ground Communications **NEXRAD** Next Generation (Weather) Radar - US WR Program

**NexSAT** Next Generation Satellite Systems

**NextGen** Next Generation Air Transportation System (FAA)

**NF** Noise Figure

NFAX National Facsimile Service
NFD National Flight Database
NFDC National Flight Data Center
NFDD National Flight Data Digest

**NF IR** Network Functions Implementing Regulation

NFIS
NAS Facilities Information System
Flight Level (Re-entrant Flight)
NFL
Nachrichten für Luftfahrer (DE)

**NFL** Entry Flight Level

**NFLGB** Nachrichten für Luftfahrt Gerichte Beratung (DE)

**NFP** NIMS Premier Facility

**NFPPDS** National Flight Plan Processing System

**NFR** Non-Functional Requirement

NFS Network Filing System

**NFS** Native File Store

NFT Nominal Flight Trajectory
NFT Never Filtered Tracks



NGA	Non-Governmental Authorities
NGA	National Geospatial-Intelligence Agency
NGAP	Next Generation Aviation Professionals
NGATS	Next Generation Air Transport System
NGATS	Next Generation Air Transportation System
NGS	National Geodetic Survey
NGSS	Next Generation Satellite System
NGT	Night
NH	Network Header
NHCFAE	National Hispanic Coalition of Federal Aviation Employees
NHIP	Nordic Harmonization and Integration Program
NHRP	Next Hop Resolution Protocol
NHS	Non-standard Headset
NI	Not-involved Sector
NI	Navigation Infrastructure
NI	Network Interface
NIC	Network Information Centre
NIC	Navigation Integrity Category
NIC	Network Interface Cards
NICS	National Airspace System Interfacility Communications System
NICS	National Interfacility Communications System
NIFO	Next-in, First-out
NIH	Noise Induced Hearing Loss
NII	Noise Impact Index
NIK	Nicky VOR
NIL	None, Nothing to Communicate, Non Existent
NILU	Norsk Institutt for Luftforskning (Norwegian Institute for Air
	Research)
NIM	Network Information Message
NIM	Navigational Integrity Monitoring (ICAO)
NIMA	National Imagery and Mapping Agency (of the US Department of Defense)
NIMS	Network Information Management System
NIMS	NAS Infrastructure Management System
NINS-NILS	New Integrated Navigation System - New Integrated Landing
	System
NINST	Non-instrument Runway Type
NIPS	Network Infrastructure Performance Monitoring and Analysis
	Service
NIPS/SAT-NAV	NIPS/Monitoring and Prediction of Satellite Navigation
NIPT	National Infrastructure Planning Team
NIROS	Noise Impact Reduction and Optimization System
NIS	Network Infrastructure and Security
NIS	Network Information Services



NISC
NISC
NAS Implementation Support Contract
NAS Integration Support Contractor
NISG
Navigation Infrastructure Sub-group

**NIST** National Institute of Standards and Technology

NIT Nordic Implementation Team
NIT Nitere (1 cd/m² Luminance)

**NITA** New Information Technologies in Aviation

**NITS** Nature of the Emergency, (Crew's) Intentions, Time frame, Special

instructions

**NKZ** Netzkontrollzentrale (DE)

NLNLNLANetwork LayerNLANew Large AircraftNLANext Level Aggregation

NLC Netherlands Aviation College (NL)
NLES Navigation Land Earth Station

**NLG** Nose Landing Gear

**NLM** Netware Loadable Module

**NLM** Nederlandse Luchtvaart Maatschappij (NL)

**NLQ** Near Letter Quality

**NLR** Nationaal Lucht- en Ruimtevaartlaboratorium(NL)

**NLRI** Network Layer Reachability Information

NLS Navigation and Landing System
NLSP Network Layer Security Protocol

NLST New List
NLT Not Later Than

NM North Marker Nm Newton Meter

NM Nautical Mile (1,852 m)
NM Negotiation Manager

NM Network Manager/Management

NM 4ACC Network Manager 4 Area Control Centres
NM WAN Network Manager Wide Area Network

**NMAC** Near Mid Air Collision

NMB Network Management Board

**NM B2B** Network Manager Business to Business

**NMC** Management Centre

NMC Network Management Cell NMC National Meteorological Center

NMCE Network Monitoring and Control Equipment NMCS Network Monitoring and Control System

**NMD** Network Management Directorate

NMD/ACD Network Management Directorate/Airspace and Capacity Division NMD/BCS Network Management Directorate/Business Coordination Service



**NMD/INF** Network Management Directorate/Infrastructure Division **NMD/NOM** Network Management Directorate/Operations Division

**NMD/OFF** Network Management Directorate/Director and the Office of the

Director

NMD/SAF Network Management Directorate/Operational Safety, SQS and

Integrated Risk Management Unit

NMD/TA
Network Management Directorate/Technology Advisor
NMD/TEC
Network Management Directorate/Technology Division
NMD/TRG
Network Management Directorate/Training Division
NME/ad hoc
Ad Hoc Working Group of National Management Experts

**NMEA** National Marine Electronics Association

**NMF** Network Management Function

NM FIR Network Management Functions Implementing Rule
NMICP Network Manager Incident Coordination Procedure

**NMIL** Nieuw Milligen

**NMIR** Network Manager Interactive Reporting

**NML** Normal

**NMOC** Network Manager Operations Centre

NMOCRD NM Operational Contingency Requirements Document

**NMOS** N-type Metal Oxide Semiconductor

**NMP** Network Monitoring Protocol

**NMPP** Network Manager Performance Plan

**NM PTF** Network Operations Performance Task Force

NMR
 NMR
 National Military Representative
 NMS
 Network Management System
 NMS
 National Meteorological Service

**NMT** Network Management

NMVP Network Manager Validation Platform
NM WAN Network Manager Wide Area Network

**NNCOP** New Node Change-over Protocol

NN Normal Null (DE)
NNE North North-East

**NNEW** NextGen Network Enabled Weather NNI Network to Network Interface

NNI Noise and Number Index

**NNSS** Navy Navigation Satellite System

**NNW** North-North-West

NO Normally Open

**NO** Norway (ISO Country Code)

**NO** Network Operator

NOAA National Oceanic and Atmospheric Administration
NOAA New Optimized Approach for ATSM Workshop



**NOAAPORT** National Oceanic and Atmospheric Administration Data

Transmission System

NOC Network Operation Centre
NOC Notice of Completion

NOCC National Operation Control Center
NOD Network Operations Division

**NODE** NATS Operational Display Equipment

**NOF** NOTAM Office

**NOG** Northern Telecom Network Operator's Group

**NOG** National Operations Group

**NOG OA&M**NOG Operations, Administration and Maintenance Sub-group

**NOG-FSG** NOG Features Sub-group

**NOIRh** Nouvel outil informatique des ressources humaines

**NOKIA** Nokia Corporation

**NOM** NAS Operations Manager

**NOMAS** NOTAM Management System (NL)

**NOMSG** Number of Messages

**NOP** Non-operational (Device Status)

NOP Network Operations Plan
NOP Network Operations Portal

**NOPAL** Network Operations Plan Access Layer

**NOPIA** Nouvel outil de production de l'information aéronautique (FR)

NOPLA Network Operations Planner
NOPT No Procedure Turn Required

**NOP TF** Network Operations Performance Task Force

NORAC No Radio Contact

**NORACON** Northern European and Austro Control Consortium

**NORAD** North American Air Defense Command

**NORAP** Norwegian Radar Program

**NOREP** National Oceanic Review and Enhancement Program

**NOS** Network Operating System

**NOSIG** No Significant Change (Trend Type Landing Forecasts)

**NOSS** Normal Operations Safety Survey

**NOT** Boolean Symbol - NOT

NOT No Transfer Notam

**NOTA** Northern Oceanic Transition Area

NOTAM Notice to Airmen
NOTAMC NOTAM to Cancel
NOTAMN NOTAMN NOTAMR NOTAM NOTAM to Replace

**NOTAMR** NOTAM to Replace Notification to Captain

**NOV** November

**NOVOSTI** Russian News and Information Agency



**NOW** Network Operations World

**NOx** Nitrogen Oxides

**NOZ** Normal Operating Zone

**NP** Network Protocol

**NP-Complete** Nondeterministic Polynomial - Complete

**NPA** Non-Precision Approach (Approached Classique)

NPA Notice of Proposed Amendments
NPDU Network Protocol Data Unit (RMCDE)
NPE Non-primary Airport Entitlement

NPDES National Pollutant Discharge Elimination System

NPDU Network Protocol Data Unit
NPI Null Pointer Indication

**NPIAS**National Plan of Integrated Airport Systems (US)

**NPL** Night Plan

NPM
 NPM
 NPM
 NPM
 NAS Program Manager/Management
 NPO
 Scientific and Development Association

NPO KIP Scientific Production Organization; Scientific Production Institute of

Space Device Building (RU)

NPO PM NPO Prikladnoi Mekhaniki (RU) (Scientific Production Institute for

Applied Mechanics)

NPP Network Performance Plan
 NPR Noise Preferential Routes
 NPR National Performance Review
 NPRM Notice of Proposed Rulemaking
 NPSI Network Packet Switching Interface

**NPV** Non-precision Approach Procedure with Vertical Guidance

**NPV** Net Present Value

**NPWP** Non-published Way Point

**NPZ** No Planning Zone

**NR** Normal Response

NR Number

NR Non-reserved Bandwidth

NR Noise Rating Nr. Number

NRA Non-radar Airspace
NRAC Number of Aircraft

NRC National Research Council NRC Non-recurring Charge

**NRCS** National Radio Communications Systems

**NRF** NATS Research Facility

**NRH** No Reply Heard

NRL US Naval Research Laboratory



NRM Normal Response Mode
NRP National Route Program
NRP Next Reporting Point

NRP North American Route Program

NRP North Reference Pulse
NRPO New Roster Project Office

**NRT-VBR** Non-real Time - Variable Bit Rate

NRZ Non-return to Zero

NRZI Non-return to Zero Inverted

NS Next Sector
Ns Nimbo Stratus
ns Nanosecond

NS
 NS avigation Separation
 NS Navigation Specifications
 NSA National Supervisory Authority
 NSA Non-sequenced Acknowledgement

**NSA - SOCA**NSA Training Initiative: Oversight of Competence Arrangements for

**ATM Staff** 

**NSA - SOSM** NSA Training Initiative: Oversight of Safety Management

Arrangements in ATM

NSA -SOSW
NSA Training Initiative: Oversight of Software Used in ATM
NSA SOCH
NSA Training Initiative: Oversight of Changes in ATM

**NSAA** North Sea Area Amsterdam

**NSAC** National Supervisory Authorities Committee

NSAP Network Service Access Point
NSAP Network Service Access Point
NSAP National Service Assurance Plan

NSC New Scottish Centre
NSC Nil Significant Cloud

**NSC** Notice to Airmen Selection Criteria

NSC National Service Center
NSD Navigational Status Display
NSD Navigation System Database

**NSDI** Noise Sensitivity Depreciation Index

**NSDMCG** Nextgen-SESAR Data Model Coordination Group

**NSDU** Network Service Data Unit **NSE** Navigation System Error

**NSFC** Near Surface

NSFL
NSFNET
Supplementary Entry Flight Level
US Wide Internet Backbone
NSI
Non-sequenced Information
NSM
Network Station Management

**NSM-TF** Network and System Management Task Force

**NSP** Network Strategic Plan



NSP Navigation Systems Panel
NSP National Simulator Program

**NSRCATN** National Strategy to Reduce Congestion on America's

Transportation Network

**NSS** Network Server System

**NSSFC** National Severe Storms Forecast Center **NSSG** Navigation and Separation Sub-group

NSSL National Severe Storms Laboratory; Norman, OK NSSR Next/New Secondary Surveillance Radar Code NST Northern Standard Time, UTC -3h30. (US)

NSTB National Satellite Test Bed
NSTB National Safety Transport Board
NSVN NATO Secure Voice Network

**NSW** Nil Significant Weather

**NSWC**NSWRH

Naval Surface Warfare Centre
NWS Regional Headquarters

NT Northern Telecom

NT Microsoft Windows NT Operating System

NT Network Termination

NT1 Network Termination Type [1]NT2 Network Termination Type [2]NTA No Traffic Accepted Message

**NTACNL** No Traffic Accepted Cancellation Message **NTAMOD** No Traffic Accepted Modification Message

NTC Notices to Airmen Publication
NTC Negative Temperature Coefficient
NTCR Near-term Conflict Resolution Tool

NTE Not to Exceed

**NTI** NSA Training Initiative

**NTM F/T SIM** Nattenheim Fast Time Simulation

NTN Network Terminal Number
NTP Network Termination Point
NTP Network Time Protocol

NTP National Transportation Policy

NTP Notice to Proceed

NTPI New Travel Policy Implementation
NTPI New Travel Policy Implementation

**NTPS** New Travel Policy System

NTR New Task Request
NTR/ADD NEW Task Request/ADD
NTR/SRD New Task Request/SRD

NTR/TL.ADD New Task Request/Top Level ADD and ICD

**NTRC** National TMA RNAV Coordinator

**NTRY** Entry



NTS	NOTAM Tracking System
NTSB	National Transportation Safety Board (US)
NTT	NERC Transition Team
NTW	Network
NTWG	New Technologies Working Group
NTZ	Non-transgression Zone
NUA	Network User Address
NUAC	Nordic Upper Area Control Centre
NUC	Navigation Uncertainty Category
NUDET	Nuclear Detection
NUL	Blank
NUP	North European ADS-B Network (NEAN) Update Program
NVA	Navigational Aid (ENV Entity Item, Used in all CHMI)
NVCS	New Voice Communication System
NVG	Night Vision Goggles
NVIS	Night-vision Imaging System
NVM	Non-volatile Memory (Flight Data Recorder)
NvPM	Non-volatile Particulate Matter
NVRAM	Non-volatile RAM
NW	North/West
NWB	North/Westbound
NWP	National Work Plan
NWP	Nextgen Weather Processor
NWS	National Weather Service (US)
NWSR	NWS Weather Excluding NXRD
NWSTG	National Weather Service Telecommunications Gateway (US)
NXRD	Advanced Weather Radar System
NXRPT	Next Reporting Point
NXT	Next
NXT	Exceeding Time to Perform Next Clearance
NXT [7]	Next: Display of the Next Edd Page/Queue
NXT [8]	Next: Display of the Next Tid Page/Queue
NY	New York
NZ	New Zealand



## 2.16. Letter - O

0	Oceanic
O-TGS	ODS - Target Generation System
O&M	Operations and Maintenance
O/R	On Request
O/R	Originator/Recipient
O/R-Addres	Originator/Recipient - Address
021	Ocean21
OA	Office Automation
OAA	Open Aviation Area
OAC	Olno Assistant Controller
OACA	Office of Airports and Civil Aviation
OACC	Oceanic Area Control Centre
OACI	Organisation de l'Aviation Civile Internationale (International Civil
	Aviation Organization)
OAG	Official Airlines Guide
OALT	Operational Acceptable Level of Traffic
OAM	Operations and Maintenance
OAMP	Off-line Aircraft Management Program
OAP	Oceanic Automation Program
OAPC	Office Automation and Personal Computer
OAS	Office Automation System
OAS	Oceanic Automation System
OASIS	Operational Application of Special Intelligence Systems
OASIS	Open Architecture for Simulation Systems
OASIS	Operational and Supportability Implementation System (US)
OASIS	Oceanic Area System Improvement Study
OASIS	Open ATC System Integration Strategy
OAST	Office Automation Support Team
OASYS	Obstacle Avoidance System
OASYS	Operational Airspace and System Section
OAT	Operational Air Traffic
OAT	Outside Air Temperature
OATA	Overall ATM/CNS Target Architecture
OATE	OAT Prewarning Communication Object
OATS OATTS	Office Automation Technology Services
OAUG	Operational Air Traffic Transit Service
OAUG	Office Automation Users Group
OBA	Off-airway Weather Station
OBC	Off-bore Sight Angle
OBC	Operations Backup Centre On-board Computer
Obc.	Objective in CIP
OBJ. OBLK	Oat Blocked SSR Codes
ODLIN	טמנ שוטכתכע שאות בטעפא



**OBM** Madap Data Obsolete

OBR Obnova Radiolomunikaci (YU) (Renewal of Air-Ground

Communications)

**OBS** Obsserve, Observation

**OBS** Organizational Breakdown Structure

**OBS** Time at which Record is Cancelled, (Declared Obsolete)

OBSC Observation Status
Obscure(d), Obscuring

**OBST** Obstacle

**OBT** Off-block Time

OC Optical Carrier
OC Other Centre
OC Object Correlator
OCA Oceanic Control Area

**OCA** Overall Concept and Architecture Activity

OCA Online Communication Affairs
OCA Obstacle Clearance Altitude

**OCA/H** Obstacle Clearance Altitude/Height

OCC Out of Control Action Plan
OCC Operations Control Centre
OCC Olno Coordinating Controller

**Occ** Occulting, (Relating to Marine Lights)

**OCC** (Safety) Occurence - CFMU Safety Management System

**OCCAR** Organisation Conjointe de Coopération en matière d'Armament

**OCCB** Operational Change Control Board

OCDOceanic Clearance DeliveryOCDOperational Concept Document

**OCDB** Oracle Content Database

**OCDE** Organisation de Coopération et de Développement

économiques(OECD)

OCE Operational Concept Element
OCG Operations Coordination Group

**OCGCTA** Organisme Central de Gestion des Courants de Trafic Aérien

**OCH** Obstacle Clearance Height

OCIC Operations Control Incident Centre
OCL Obstacle Clearance Limit (ICAO)

**OCL** Oceanic Clearance

OCL Operation Control LanguageOCL Oceanic Clearance deliveryOCL Object Constraint Language

**OCM** Operational Configuration Management

**OCM** Oceanic Clearance Message

**OCNL** Occasional(ly)

**OCP** Operational Change Proposal



OCP Obstacle Clearance Panel
OCP Operator Control Panel

**OCP** Operational Computer Program

**OCR** Operational and Certification Requirements

**OCR** Optical Character Recognition

**OCR TF** Operational and Certification Requirements Task Force

OCS Operational Control Segment
OCS Obstacle Clearance Surface
OCS Operational Control System
OCT Operating Control Terminal

**OCT** Operational Control Terminal (VCS)

**OCT** Onward Clearance Time

**OCT** October

**OCTF** Operation Concept Task Force

**OCTOPUS** Off-line Concentrator Based Token Ring Protocol User Support

**OCTS** Ods Contract Technical Specification

OCU Operational Conversion Unit OCV Operational Coverage Volume

OCVM Operational Concept Validation Methodology
OCVSD Operational Concept Validation Strategy Document

**OCW** Operational Configuration Window

**OCX** New Object Similar to VBX

OC4J Oracle Containers for Java Enterprise Edition

**OD** Optional Data

**OD** Organization and Development (Unit Attached to the Director

General)

**ODA** Open Document Architecture

ODALS Omnidirectional Approach Lighting System
ODAPS Oceanic Display and Planning/Processing System

**ODBC** Open Data Base Connectivity

**ODBMS** Object Database Management System

**ODC** Office of Defense Cooperation

**ODC** Organizational Development Committee

ODCS Obstacle Data Collection Surface
ODETE On-line Data Exchange Terminal
ODF Oceanic Development Facility (ICAO)

**ODI** Open Data-link Interface

**ODIAC** Operational Development of Integrated Surveillance and

Air/Ground Data Communications

**ODIAC-SG** Operational Development of Initial Air/Ground Data

Communications Sub-group

**ODIAC-TF** Operational Development of Initial Air/Ground Data

**Communications Services** 

**ODID** Operational Display and Input Development



ODID Operational Display and Input Device
ODIF Open Document Interchange Format
(Swedish) Briefing System (AIS)

ODL Optional Data Length
ODL Oceanic Data Link

**ODL** Opposite Direction Flight Level

**ODP** Omnidirectional Departure Procedures

**ODP** Optimized Descent Profile

**ODP** Operational Deployment Package ODP Open Distributed Processing

**ODP** ATM Operational Requirements and Data Processing

**ODRA** Office of Dispute Resolution for Acquisition

**ODS** Operator Input and Display System

ODS Operational Display System
ODS Operational Data Store

**ODSG** Operations and Development Sub-group

**ODSGADC** ODSG ATFM Delay Calculation

**ODT** Operational Requirements and (ATM) Data Processing Team

**ODT** Operational Requirements and Data Processing Team

**ODU** Output Distribution Unit **ODZ** Origin Destination Zone

OE Operating Environment OE Obstacle Evaluation

**OE** Obstruction Evaluation/Airport Airspace Analysis

**OEC** Olno Executive Controller

**OEC** Organe Exécutif Central (Central Executive Unit)

**OEC-Est** Organe Exécutif Central pour l'Europe Orientale (Central Executive

Unit East)

**OEC-Ouest** Organe Exécutif Central pour l'Europe Occidentale (Central

Executive Unit West)

**OECD** Organization for Economic Co-operation and Development

OED Operational Environment Description
OED Operational Environment Definition
OEM Original Equipment Manufacturer

**OEP** Oceanic Entry Point

**OEP** Operational Evolution Partnership

OEP Operational Evolution Plan
OES Outside Electric Supply
Outside Electricity Supplies

**OETS** Obstacle Evaluation Tracking System

**OF** Option Flag

OFA Operational Focus Area

**OFA** Object Free Area

**OFAC** Office Fédéral de l'Aviation Civile (Federal Office for Civil Aviation)



OFDM OFDPS OFF-PDR	Orthogonal Frequency Division Multiplexing Offshore Flight Data Processing System Off Pre-determined Route
OFFPDR	Off Pre-determined Route
OFFPDR	Off Pre-determined Route
OFG	Operational Focus Group
OFI	Opportunity for Improvement
OFIR	Oceanic FIR
OFIS OFL	Operational Flight Information Service Off-line
OFP TF	OAT Flight Plan Task Force
OFS	Ordered Field Sequencing
OFST	Offset
OFT	Outer Fix Time
OFZ	Obstacle Free Zone
OGC	Open Geospatial Consortium
OGHFA	Operators Guide to Human Factors in Aviation
OGM	Objectives > Goals > Mission
OGRAN	Open Gate Router Access Node
OH	Operational Handbook
ОНА	Operational Hazard Analysis/Assessment
OHD	Overhead
OHP	Overhead Projector
OHMP	Occupational Health Medical Practitioner
OHTF OI	Operational Harmonization Task Force Operational Improvement
OI	Operational improvement  Operator Interface
OID	Object Identifier
OIDS	Operational Information Display System
OIFG	ORCAM Improvement Focus Group
OIFG	"Originating Region Code Assignment Method (ORCAM)
	Improvement Focus Group" or "ORCAM Improvement Focus
	Group"
OIG	Operational Implementation Group
OIG	Office of the Inspector General
OIO	OLNO Input Operator
OIS	Operational Information System
OIS	Obstacle Identification Surface
OIS	Office Information Systems
OIT	Organisation Internationale du Travail
OJ	Official Journal (of the European Union)
OJCT	On-the-job Conversion Training
OJEC	Official Journal of the European Communities
OJ L	Official Journal of the European Union (Legislation)



OIT	On the inh Training
OJT	On-the-job Training
OJTI	On-the-job Training Instructor
OJTI-e	On The job Training Instructor E-Learning Version
OKAY	Normal Operation Resumed
OL	Operating Location
OLA	Operational Level Agreement
OLDI	On-line Data Interchange
OLDINA	OLNO, Diekirch, Nattenheim (Nattenheim Area)
OLDISP	OLDI Specialist Panel
OLE	Object Linking and Embedding
OLEVAT	On-line Exercise of Validation of Aircraft Trajectories
OLM	Output Link Management
OLR	Off-load Route
OLRA	Off-load Route Activation Message
OLRCNL	Off-load Route Cancellation Message
OLRMOD	Off-load Route Modification Message
OLS	Obstacle Limitation Surfaces
OLS	Off-line System
OM	Original Message
OM	Ministerial Order
OM	Operations Manual
OM	Operation and Maintenance (Phase)
OM	Outer Marker
OMAS	Operations Manager Airspace and Systems
OMB	Office of Management and Budget
OMC	Operational Monitoring Complex
OMC	Operational Monitoring Complex; Operational Monitoring Cell
	(ACAS, AIG Sub-group)
OMC	Ods Monitoring and Control System
OMD	Operational Management Domain
OMEGA	OMEGA Navigational Facility
OMEGA	Very Low Radio Navigation System
Omega	(Greek letter, Upper Case) Symbol for Omni Directional
OMG	Object Management Group
OMG	Operational Monitoring Group (ACAS)
OMI	Organization Maritime Internationale (International Maritime
	Organisation)
OMIC	Operations Manager in Charge
OMM	Organisation Météorologique Mondiale (World Meteorological
	Organisation (=WMO))
OMT	Operations Division Management Team
OMT	Object Modelling Technique
ON	Office Notice
ON	Operational Notice



**ONBL** Oat Non-blocked SSR Codes

**ONDA** Office National Des Aéroports (Morocco)

**ONER** Oceanic Navigational Error Report

**ONERA** Office National d'Étude et de Recherche Aéronautique (FR)

**ONL** On-line (Device Status)

**ONL** On-line

**ONP** Open Network Provision (Telecommunications)

OD Object Oriented

OOA Object Oriented Analysis
OOD Object Oriented Design

**OoD** Office of Director

**OODBMS** Object Oriented Database Management System

OOOI Out, Off, On, In

OOOI Off, Out, On and In Times

OOOI Out (Departure Block Time), Off (Take-off), On (Landing), In (Arrival

Block Time)

OOP Object Oriented Programming
OOP Operational Outline Program
OOR Outline Operational Requirement

**OP** Operational (Device Status)

**OP** Operational (Issues)

**OP** Organizational Productivity **OPA** Opaque Type of ice Formation

OPAOperational Performance AssessmentOPADDOperating Procedures for AIS Dynamic Data

**OPAL** Optimization Platform for Airports, Including Landside

**OPAT** Office des Ports Aériens de Tunisie (Tunisian Office of Airports)

**OPB** Outer Performance Boundary (Tunnel Concept)

**OPC** Opto-coupler

**OPC** Operational Control (is Indicated)

**OPC** Operational Control

OPCOperational CommunicationsOPDOperational Procedures Document

OPD Optimum Profile Descent
OPDU Operation Protocol Data Unit
OPE Operational Systems Section

**OPER** Operational Mode

**OPER** Operative

**OPERA** Organsime parisien de contrôle en-route et d'approche

**OPEX** Operational Expenditure OPI Office of Primary Interest

OPIF Operator Interface
OPLAN Operational Plan
OPLINK Operational Data Link



**OPLINK-P** Operational Data Link Panel

OPLINKP Operational Data Link Panel (ICAO)
OPLT Operational Acceptable Level of Traffic
OPM Office of Personnel Management

**OPM** Office of Personnel Management **OPM** Operational Position Management

**OPMA** On-board Performance Monitoring and Alerting **OPMET** Operational Meteorological (Information)

**OPN** Operational Planning Notes

**OPN** Open(ed), Opening

**OPNET** Operational Network for ATS and System Management

(Switzerland)

**OPO** Olno Planning Overflow **OPOSM** Oat Position Management

**OPQ** Operational Professional Questionnaire

**OPR** ATM Operational Requirements; ATM Working Rules and

**Operational Requirements** 

**OPR** Operate, Operating, Operator, Operational, Operative

**OPR** Operational Problem Report **OPR** Office of Primary Responsibility

**OpRep** Operational Reply

**OPS** Operations

**OPS** Operations Support (EEC)

**OPS** Operational AF Operations

**OPSD** Operational Division

**OPSG** Operational Procedures Steering Group (JAA)

OPSEC Operational Security
OPSNET Operations Network
OPSP Operations Panel
OPSroom Operations Room
OPSW Operational Switch
OPT Operational Testing

**OPTARION** Mission Planning System (Airbus) **OPTF** OCG Prioritization Task Force

**OPTIMAL** Optimized Procedures and Techniques for Improvement of

Approach and Landing

**OPTIMI** Oceanic Position Tracking Improvement and Monitoring

**OPX** Off Premises Extension

OQAI Operations Division Quality Improvement
OQPSK Offset Quadrature Phase Shift Keying

OR Originator Recipient
OR Operational Requirement
OR Organization Requirements
OR-Address Originator Recipient Address

Date: 2021-01-28



**OR-Name** Originator Recipient Name

**ORA** Operational Research and Analysis Group

ORA Organization Requirements (in the Aircrew Regulation)
ORAS-TF Operational Requirements for ATS Systems Task Force

**ORB** Object Request Broker

**ORCAM** Originating Region Code Assignment Method

**ORD** Indication of an Order

**ORD** Operational Requirements Document

**ORD** Operational Readiness Demonstration - Milestone

OREGIN Organization of European GNSS Equipment and Service Industries
ORG "CFMU Safety Organisation and Responsibilities" component of the

SMS

ORG Organization
ORG Original

**ORGMSG** Original Message

**ORGN** Originator **ORGRTE** Original Route

ORM Operational Reply Message
ORM Operations Room Management

**ORMAQ** Operation Room Management Attitudes Questionnaire

**ORName** Originator Recipient Name

**ORO** Organization Requirements (in the Air Operations Regulation)

**Oro Navigacija** State Enterprise Oro Navigacija, Lithuania **OROCA** Off-route Obstruction Clearance Altitude

ORP Optional Response Poll
ORP Outsourcing Renewal Project
ORQ D-OTIS Request Message
ORR Operational Readiness Review
ORS Operational Requirements
ORS Obstruction Repository System

**ORSG** Operational Requirements Sub-group

**ORT** Owner Requirement Table

ORTCA Off-route Terrain Clearance Altitude
ORTF Operational Requirements Task Force

OS Operating System
OS Originating System
OS GALILEO Open Service
OS Organization Syndical

OS Operational Shakedown & Cutover

OS/2 Operating System / 2
OSA Operational Safety Analysis

**OSA** Operational Support Applications Team

OSA Operational Safety Assessment OSC Operations Steering Committee



**OSC** Operational Suitability Certificate

**OSCAR** Orbiting Satellite Carrying Amateur Radio

OSD Operational Scenarios Document
OSD Operational Suitability Data

OSD Operational Suitability Demonstration
OSDR Operational Support Data Retrieval

OSDS Oceanic System Development and Support
OSED Operational Service and Environment Definition

**OSEIC** Operational Services and Environment Information Capture

**OSF** Open System (Software) Foundation

OSG Operational Services Group
OSG Operations Sub-group

**OSHA** Occupational Safety and Health Administration

**OSI** Open Systems Interconnection

**OSI** Open Source Initiative

**OSI CLNP** OSI Connectionless Network Protocol

**OSICP** Operational Safety and Infrastructure Contingency Procedures

**OSI-RM** Open Systems Interconnection - Reference Model

**OSIE** OSI Environment

**OSIP** Office Safety Inspection Program

**OSIRM** Open Standards for Interconnection Reference Model

**OSRWG** Oceanic Separation Reduction Working Group

**OSM** Operational Systems Management Section (of England)

OSM Optimized Sector Manning
OSPF Open Shortest Path First
OSS Operator Sub-system
OSS Open Source Software
OST Operational Support Team

**OST** Office of the Secretary of Transportation

**OST** On-site Training

OST Operational Support Traffic
OSTI On-site Training Instructor

**OSTIV** Vol á Voile (International Scientific and

Technical Organization for Gliding)

**OSV** Officier de Sécurité des Vols

**OT** Operational Training

**OTAN** Organization du Traité de l'Atlantique Nord (NATO)

**OTCG** Operational Technical Coordination Group

OTD Operational Target Date
OTD Other Training Device
OTD D-OTIS Delivery Message

OTF Operational, Technical and Financial Working Group

**OTF** Operational Task Force

**OTF** On Top Fix



**OTFO** Operations Technical Field Office **OTF (VHFOTF)** Operational VHF Task Force

**OTF/BFWG** Combined Operational, Technical / Budgetary and Financial

Working Group

Ods - Target Generation System **OTGS** 

OTH Other

**OTH** Over the Horizon

OTH (R) Over the Horizon (Radar)

**OTIS** Operational Terminal Information Service

**OTLK** Outlook

**OTMV** Occupancy Traffic Monitoring Values

**OTP** Overall Test Plan

**OTP** On Top

Oceanic Traffic Planning System **OTPS OTR** Ods Toolbox Rps Extension Operational Turn Around **OTR OTR** Oceanic Transition Route **OTS** Oceanic Track System

**OTS** Out of Service **OTS** Off the Shelf **OTS** Out of Service

**OTS** Organized Track System

Optimized Traffic Systems Development GmbH **OTSD** Operational Training and Selection Group **OTSG** 

**OTSP** OK-to-start-package

**Observed Tactical Trajectory OTT OTT D-OTIS Termination Request OTT D-OTIS Termination Message OTV** Orbital Transfer Vehicle

Operational Test and Evaluation OT&E

Organizational Unit OU

**OUBD** Outbound

**OUG ORCAM Users Group** 

Operational Use of Mode-S Enhanced Surveillance Task Force **OUMSESTF** 

**OUNS Operational Navigation System OUR** CFMU Operational User's Request

Ourasie Toolkit, Software X-Windows Toolkit Built Above Xt **OURASIE** 

Intrinsics Layer

**OUTREG** Out of Regulation

**Operational View** OV

**OVC** Overcast

**OVF** Optically Variable Feature **OVO Openview Operations** 

**OVV** Onderzoeksraad Voor Veiligheid (Dutch Safety Board)

Date: 2021-01-28



**OWA** Outlook Web Access

Own TCAS II Equipped Aircraft - Source of TCAS Event OWN Select/Deselect Line 3 of OWN Traffic Labels

**OWN SEC** Own Sector

OWS One Way Simultaneous OWS OGC Web Services

Date: 2021-01-28



## 2.17. Letter - P

D	Drafiv
P	Prefix
P	Prohibited Area
P	Propeller Propeller
P	Process Log
P	Priority  Postposskip 9. Agreements (Unit of DR)
P&A P&H	Partnership & Agreements (Unit of DR)
P&H	Press and Hold (Mouse)  Press and Hold (Mouse/Trackhall Button)
P, R, D Area	Press and Hold, (Mouse/Trackball Button) Prohibited, Restricted, or Danger Area
P-channel	Packet Mode Channel
P-code	Precision Code (GPS)
P-Gate	Planning Gate
P-MAP	Paper Map
P-RNAV	Precision RNAV
P-t-P	Point to Point
P	Prefix to a Prohibited Area Identification
P.800-Method	ITU-T Recommendation: Methods for Subjective Determination of
	Transmission Quality
P.862	ITU-T Recommendation: Perceptual Evaluation of Speech Quality
P.ACCs	Pairs of ACCs
p.t.t	Push to Talk
P/AR	Peak to Average Ratio
P/F	Poll Bit (in Command Frame) and Final Bit (in Response Frame)
P1	Message Transfer Protocol
P1	Store and Forward Protocol
P1	Pulse 1
P2	Protocol No 2
P2	interpersonal Messaging Protocol
P2	Pulse 2
P2FEP	PETAL II Front End Processor
P2GW	Petal II Gateway
P2R2	Preferred Route Reduction Program
P3	Submission and Delivery Protocol
P3 P3	Pulse 3
P35	submission and Delivery Program  Protocol No 3
P4	Pulse 4
P5	Pulse 5
P6	Pulse 6
P7	Message Retrieval Protocol
PA	Public Address
PA	Power Amplifier
PA	Passenger Address
<del>-</del>	



PA Provisional Acceptance
PA Participating Area
PA Precision Approach
PA Project Authorization

PA1 Precision Approach Runway Category I
PA2 Precision Approach Runway Category II
PA3 Precision Approach Runway Category III

PAA Plot Accuracy Analysis

**PAAV** Pathfinding for Airspace with Autonomous Vehicles

PAB Proposal Analysis Board

PABI Post-OPS Analysis and Business Intelligence

**PABX** Private Automatic Branch Exchange

PAC Pacific Region (ICAO)

**PAC** Preliminary Activation Message

**PACE** Perspectives for Advanced Communications in Europe

**PACF** Performance and Checkout Facility

**PACIF** ICAO Area I, Pacific

PACS Pan-European Airport Capacity and Delay Analysis Support

PACT Portable ACC Capacity Tool

PADProgram Acronyms and DefinitionsPADPacket Assembler/Dis-assembler

PADAC PRISMIL Automated Data Acquisition and Collection Tool
PADIS Passenger and Airport Data Interchange Standards

PAF-A Percentage of Advanced Flights on Arrival PAF-D Percentage of Advanced Flights on Departure

**PADGAR** Profile Alignment Group for ODA (Open Document Architecture)

PAGODA Profile Alignment Group for ODA
PAK Pilot Acknowledgement (Service)
PAL Programmable Array Logic

PAL Phase Alternation Line
PAL Procedure Assurance Level

**PALLAS** Phased Automation of the Hellenic ATC System

PALS Precision Approach Landing System
PALS Precision Approach Lighting System
Pilot Acknowledgement Message

**PAM** Program Analysis Madap, Program Analysis Module

PAM Pulse Amplitude Modulation PAM Peripheral Adapter Module

**PAMCS** Panel on Air Space Management and Control Systems **PAMELA** Parametric ATM Model for Economic Long-term Assessment

**PAMPA** Platform for Aircraft Modelling Performance Analysis

**PAMPL** Program Analysis Module Replay Position

**PAMPLAY** PAM Replay System

**PAMRI** Peripheral Adapter Module Replacement Item



**PAMS** Published AIP Management System

**PANEP** Pan-European Partners; Pan-European Partner Countries

**PANS** Procedures for Air Navigation Services

**PANS-ABC** Procedures for Air Navigation Services - ICAO Abbreviations and

Codes

**PANS-ATM** Procedures for Air Navigation Services - Air Traffic Management PANS-OPS Procedures for Air Navigation Services - Aircraft Operations

PANS-OPS/I Procedures for Air Navigation Services - Aircraft Operations - Flight

**Procedures** 

**PANS-OPS/II** Procedures for Air Navigation Services - Aircraft Operations -

Construction of Visual and Instrument Flight Procedures

**PANS-RAC** Procedures for Air Navigation Services - Rules of the Air and Air

**Traffic Services** 

PANSA
Polish Air Navigation Services Agency
PAPI
Precision Approach Path Indicator
PAQ
Position Analysis Questionnaire
PAR
Planning, Analysis and Reporting

PAR Precision Approach Radar
PAR Preferential Arrival Route

**PARADISE** Prototype of an Adaptable and Reconfigurable ATM Demonstration

and Integration Simulator Environment

**PARI** Precursor, Action, Result, Interpretation

**PARI method** Precursor, Action, Result, Interpretation Method

**PARL** Parallel

PARR Problem Analysis, Resolution and Ranking
PARS Performance Analysis and Reporting System

**PARZOC** Parabolic Approximation of Aircraft Performance for use in a ZOC

PAS Psycho-active Substance
PAS Project Assignment Sheet

PASAS Predictive Airborne Separation Assurance System
PASS Performance and Safety Aspects of STCA - Full Study

**PASS** Professional Airway System Specialists

PASSUR
PAT
Port Address Translation
PAT
PHARE Advanced Tools
PAT
Performance Assurance Tool
PAT
Provisional Acceptance Testing
PATA
Polish Air Traffic Agency

**PATC** Precision Approach Terrain Chart

**PATCG** PHARE Advanced Tools Coordination Group **PATCHWORK** Polish ATC Harmonization Work Program

**PATCO** Principle ATCO

PATCO Professional Air Traffic Controllers Association
PATIN Protection of Air Transportation and Infrastructure



**PATIO** Platform for ATM Tools Integration up to pre Operation **PATN** PHARE Experimental Aeronautical Telecommunication Network **PATROCLOS** Peripheral Airports Terminal Radars, ODS and Centrally Linked **Operations System** PHARE Advanced Tools **PATs** Precision Approach Tracking System **PATS** Pilot Automatic Telephone Weather Answering Service **PATWAS PAU** Primary Authorized User **PAX** Passenger **Project Board** PB Performance-based Approach **PBA** Performance-based Communication and Surveillance **PBCS Proposed Boundary Crossing Time PBCT** Peripheral Bus Extender **PBE PBIM** Performance-based Information Management **PBL** Problem-based Learning Planning Board Maastricht Operational **PBMO** Performance-based Navigation **PBN** Performance-based Navigation Study Group (ICAO) **PBNSG** Projected Benefit Obligations **PBO** Plot-based Resolution/Regulation Analysis **PBR PBRA** Plot-based Resolution Analysis Pilot Briefina **PBRF** Performance-based Transition Guidelines **PBTG PBX** Public Branch Exchange **PBX** Private Branch Exchange PC Protocol Control (Bits) PC Protocol Field PC Planning Controller PC performance class **Provisional Council** PC PC Planning Coordinator PC Peripheral Controller PC Premier contrôleur PC Personal Computer PC Plotting Chart (ICAO) Personal Computer-based **PC-based** Physical Configuration Audit **PCA PCA** Principal Component Analysis **PCA** Prior Coordination Airspace **PCA** Positive Control Airspace **PCB** Printed Circuit Board **PCB** Personnel Compensation and Benefits PCB&T Personnel Compensation Benefits and Travel



PCC Project Coordinating Committee
PCC Planning Coordination Controller
PCC Polygone Coordination Centre

**PCC** Provisional Council Coordinating Committee

PCC Peripheral Computer Complex
PCCB PC Change Control Board
PCCB Program Change Control Board

**PCD** Pre-departure Clearance

**PCD** Proceed(ing)

PCD Probability of Code Detection Planning Controller Display

**PCD** Personal and Career Development

PCDE PC Development Environment Working Group
PCDE Portable Common Development Environment

**PCFL** Preferred Cruise Flight Level

**PCI** Permanent Commission for Investigation (on ATS incidents)

PCI Protocol Control Information
PCI Program Controlled Interrupt

**PCIP** Pilot Conversion and Implementation Plan

PCL Procedure Changeover Lines
PCL Pending and Coast List
PCL Pilot Controlled Lighting
PCM Project Certification Manager
PCM Planning Control Message
PCM Pulse Code Modulation

**PCMA** Post Code Modulation Using A-law Companding

**PC\_Met** Selfbriefing-System

PCMP Project Configuration Management Plan
PCMS Product Configuration Management System

**PCMT** Plan Commun à Moyen Terme (Common Medium-Term Plan)

**PCMU** Post Code Modulation Using Mu Law Companding

**PCN** Pavement Classification Number

PCN Planning Controller Entry
PCN Project Control Number

**PCP** Previous Exit Coordination Partner

PCP Project Control Plan
PCP Pilot Common Project

PCPB Provisional Council President's Bureau
PCPS Purchase Card Processing System
PCPU PCM Central Processing Unit

**PCR** Peak Cell Rate

PCR Periodic Contract Request
PCR Problem Change Request
PCR Post-Conference Report



PCR Planning Controller Radar
PCS Phase Control System
PCS Production Control System
PCS Power Conditioning System

**PCS** Personal Communications Services

**PCS** Process Control System

PCS Permanent Change of Station
PCT Planning Control Theory

**PCTE** Portable Common Tool Environment

**PCV** Probability of Code Validation

**PCX** Set of the CFMU PCs Running Only Off the Shelf Software.

**PCX** A Window-compatible BIT Format

**PD** PHARE Demonstration

PD Plan Display
PD Pulse Doppler

**Pd** Probability of Detection

PD Plot Detection PD Pointing Device

Protocol Discriminator PD PD Probability of Detection **PD-Channel** Packet Data Channel PD/1 PHARE Demonstration 1 PD/1+ PHARF Demonstration 1+ PD/1++ PHARE Demonstration 1++ PD/2 PHARE Demonstration 2 PD/2+ PHARE Demonstration 2+ PD/3 PHARE Demonstration 3 **PDA** Probabilistic Data Association **PDA** Physical Delivery Access

PDA Personal Digital Assistant
PDA Probability of Detection Analysis

PDA Probability of Detection Analy

**PDA** Plot Detection Analysis

**PDA** Planning Coordination Message Display Area

**PDAI** Predetermined Address Indicator

**PDAR** Preferential Arrival and Departure Route

**PDATM** Principal Director ATM

**PDATM/OFF** Office of the Principal Director ATM

**PDAU** Physical Delivery Access Unit

**PDC** Private Data Channel

**PDC** Peripheral Device Controller

**PDC** Pre-departure Clearance (Message)

**PDC** Program Designator Code

**PDCA** Plan do Check Act

**PDD** Project Definition Document



**PDE** Path Definition Error

PDES Pulse Doppler Elevator Scan
Pdet Probability of detection

**PDF** Percentage of Delayed Flights (Delay Parameter Abbreviations)

PDF Portable Data Format
PDF Portable Document Format

PDF-A Percentage of Delayed Flights on Arrival PDF-D Percentage of Delayed Flights on Departure

PDFG PENS Development Focus Group
PDFG PENS Development Focus Group
PDG Procedure Design Gradient
PDH Plesiochronous Digital Hierarchy

PDL Persistent Data Library
PDL Program Design Language
PDLC Product Development Life Cycle
PDM People Development Manager

PDME Precision Distance Measuring Equipment
PDMS Personal Data Management System

**PDN** Public Data Network

**PDO** Financial Cycle Planning and Development Office

**PDOP** Position Dilution of Precision

**PDP** Polar Diagram Plotter

**PDP11** Programmable Data Processor Mark 11

PDR Preliminary Design Review PDR Pre-determined Route

PDR Principal Director of Resources
PDR Preferential Departure Route
PDRP Problem Detection and Resolution
PDS Pairing Distribution System

PDS Pairing Distribution System
PDS Portable Data Store (Eurofighter)
PDS Program Development System

**PDS** Physical Delivery Service

PDS Proficiency Development Specialists
PDTWG Plot Data Transmission Working Group

PDU Power Distribution Unit
PDU Protocol Data Unit

PDU People Development Unit PDUS Primary Data User Station

**PE** Ice Pellets

**PE** Protective Earth (Electrical Connection)

PE Protected Earth
PE Process Engineering
PE Parabolic Equation Model
PE Parameters of the Earth



**PE** Parity Error

**PE** Processor Element

**PE** Performance (of an Aircraft)

**PE 90** Parameters of Earth, 1990. Russian Geodetic System

PECO Parameter and Environment Assembler
PECO Pays d'Europe Centrale et Orientale (FR)

PECU Pressure Error Corrector Unit
PED Portable Electronic Device
PED Personal Electronic Devices
PEE Position Estimate Error
PEF Pan-European Functions

**PEGASE** Providing Effective Ground & Air Data Sharing via Extended

Projected Profile

**PEGASUS** Prototype EGNOS and GBAS Analysis System Using SAPPHIRE

**PEGASUS** Pan-European Ground/Air Single Unified ATM System

**PEL** Personnel Licensing

**PEL** Planned Entry Level (to a sector or Volume of Airspace)

**PELA** Proficiency Test in English Language for ATCOs

PEM Phone Emergency Module PEN Pan-European Network

**PENS** Pan-European Network Service

**PENS-VPN** Pan-European Network Services-Virtual Private Network

**PENV** Professional Environment

**PEP** Performance Engineering Program (Long-term Scientific Studies)

PER Packet Encoding Rules
PER Program Event Recording

PER Performance PERM Permanent

PEROP Performance-based Airspace Operations
PERT Program Evaluation and Review Technique
PES Proposed EUROCONTROL Standard Document

**PESQ** Perceptual Evaluation of Speech Quality

**PESQ-LQO** Perceptual Evaluation of Speech Quality - Listening Quality

Objective

**PETAL** Preliminary EUROCONTROL Test of Air-Ground Data Link

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Authors: N. Rieck & M.-M. Temme

**PEWP** Physical EWP Identity

**PEX** Programmers Extension to X

**PEX** PHIGS Extended X-Windows System

**PF** Pilot Flying

PFA Probability of False Alarm
Pfa Probability of False Alarm

**pFAST** Passive Final Approach Spacing Tool

PFC Passenger Facility Charge PFC Porous Friction Course



**PFD** Predicted Flight Data

**PFD** Probability of Failure Detection

**PFD** Primary Flight Display **PFD** Planned Flight Data

**PFD** Potentielle Flugstrecke (DE)

**PFE** Performance Flow Management Performance and Efficiency

PFE Path Following Error
PFE Pharos Front End
Private Finance Initiati

**PFI** Private Finance Initiative

**PFIS** Passenger Flow Information Service

**PFL** Planned Flight Level

**PFLext** Probability of Failure/Fault Localization, External

**PFLint** Probability of Fault Localization, internal

PFM Pre-flight Messages
PFN Pulse Forming Network
PFO Planning Front Office
PFR Probability of Failure Repair

**PFR** Performance, Forecasts and Relations

**PFS** Plan Flight Store

**PFSB** EUROCONTROL Pension Fund Supervisory Board

PGA Pin Grid Array PGM Program

**PGMM** Program Management Methodology **PGMP** Pilot Group on ATCO Manpower Planning

PGN Pulse Generator
PGP Pretty Good Privacy
PGP Planning Grant Program
PGS Perimeter Guard System

**PGS** Personnel/General Services Team (of ADB)

PH Potenz Hydrogen (Acidity)PH Presentation Header

**PHA** Preliminary Hazard Analysis

PHARE Poland, Hungary Aid for Restructuring of the Economy (European

Commission)

**PHARE** Program for Harmonized ATM Research in EUROCONTROL

**PHAROS** Plan Handling and Radar Operating System

PHB Per-hop Behaviors
PHB Produkt Handbuch (DE)
PHD Project History Document
PHI Preliminary Hazard Identification

**PHIDIAS** Position Harmonisant et Intégrant des Dialogues Intéractifs

(Harmonizing and Interactive Dialogue Integrating Position)

**PHIGS** Programmer's Hierarchical Interactive Graphics System

**PHL** Preliminary Hazard List



PHM	Passive Hydrogen Maser (Atomic Clock)
PHP	Hypertext Preprocessor
PI	Procedure Turn to Intercept
PI	Peripheral Interface
PI	Performance Indicator
PI	Parity / Interrogator Identifier
PI	Parity Information
Pi	(Greek Letter, Lower Case) Symbol for pi
PIAC	Peak Instantaneous Aircraft Count
PIAF	Pc-gestüzte Individuale Ausbildung Flugsicherung(DE)
PIATA	Performance Indicator Analysis Tool for Airports
PIATA+	Performance Indicator Analysis Tool for Airports +
PIB	Pre-flight Information Bulletin (EAD)
PIB	Policy Information Base
PIB	Pilot Information Briefing
PIB	Preflight Information Bulletin
PIB	Policy Information Base
PIB	Produit Intérieur Brut (FR)
PIC	Pilot in Command
PIC	Principal Interexchange Carrier
PICAO	Provisional International Civil Aviation Organization
PICAP	Programa de Investigacion de Capacidad de Pista(FR)
PICASSO	Control, Analysis and Monitoring of the Spanish Air Navigation
	System Statistical application
PICOS	Parts Inventory Control On-line System
PICS	Protocol Implementation Conformity Statement
PID	Pilot Information Downlink
PID	Pilot Intention Downlink
PID	Product Identification Description
PIDP	Programmable Indicator Data Processor
PIF	Program Information File
PIF	Picture Interchange Format
PII	Personally Identifiable Information
PIM	Personal Information Manager
PIM	Program Implementation Manager
PIM	Protocol Independent Multicast
PIM	Program Implementation Management
PIMB	Pcte Interface Management Board
PIN	Personal Identification Number
PIN	Positive Intrinsic Negative
PINS	Point in Space
PINT	PSTN and Internet Interworking
PINX	Private Integrated Network Exchange
PIO	Pilot Induced Oscillation



<b>PIP</b> Project Initiation Phase
-------------------------------------

**PIP** Product Improvement Package

**PIP** Plug in Panel

PIP Primary Interface Processor
PIP Program Implementation Plan
PIR Part of Information Region
PIR Project Initiation Report

**PIREP** Pilot Report

**PIREP** Pilot Weather Report

PIRG Planning and Implementation Regional Group

PISC Pre-implementation Safety Case
PISN Private Integrated Services Network

PIU Parent IFPS Unit

**PIW** Weekly Planned Interventions

**PIXEL** Picture Element

**PJE** Parachute Jumping Exercise

**PJMM** Project Management Methodology

**PJSA** Project Scope Agreement

**PJ18 4DTM** The SESAR 4D-trajectory Management **PJ31 Digits** Project: Initial trajectory Information Sharing

PKCS Public Key Cryptosystems
PKD Public Key Directory (ICAO)
PKI Public Key Infrastructure

**PL** Procedural Language

**PL** Poland

PL Plain Language PL Protection Levels

PL Pseudolite
PL Pilot License
PL (Ice) Pellets

**PL/SQL** Procedural Language/Structured Query Language

**PLA** Practice Low Approach

**PLANE** Platform for Logistics and Aviation Networks in Europe

**PLANO** Procedures Linked to Abating Noisy Operations

**PLATON** New RDPS

PLB Personal Locator Beacon

**PLC** Programmable Logic Controller

**PLC** Planning Controller

PLCC Plastic Leaded Chip Carrier

PLI Pitch Limit Indication
PLL Phase Locked Loop

**PLMN** Position Log Management PLMN Public Land Mobile Network

PLN (ARTAS) Plan



**PLN** Flight Plan SSD Plan Track

**PLN** Flight Plan Conformance

PLNR Planner PLO Plotter

**PLOC** Prolonged Loss of Communications

PLP Packet Layer Protocol
PLP Packet Layer Processing

**PLPL** Predicted Lateral Protection Levels

**PLV** Presentation Level Video

**PLVL** Present Level

PM Project Management/Manager

PM Program Management
PM Progress Meeting
PM Particulate Matter
PM Pilot Monitoring
PM Phase Modulation
PM Presentations Manager
PM Preventive Maintenance

**PM/FL** Process Monitoring / Fault Location

PMA Pilot-monitored Approach
PMA Parts Manufacturer Approval
PMB Program Management Board
PMB Project Management Bureau
PMB POEMS Management Board
PMB Project Management Board

**PMBO** Project Management Board Operation

PMC Project Management Centre
PMC Program Management Cell
PMC Path Management Control
PMC Project Management Cell
PMC Project Materials Cumulative

PMCG Preliminary Maastricht Coordination Group
PMCS Performance Management Computer System

PMCT People Management Core TeamPMD Pre-warning Message for Departure

PME Pre-warning Message Entry
PMH Problem Management Hardware

**PML** Project Material List

**PMM** People Management Meeting

**PMMM** Program Management Maturity Model

**PMN** Planning Message Entry **PMO** Pre-warning Message OAT

**PMOS** P-type Metal Oxide Semiconductor



PMP Program Management Plan
PMP Project Management Plan
PMS Point Merge System

**PMS** Pantone Matching System

PMS Performance Management System
PMS Program Management System
PMT Plan à Moyen Terme (MTP)
PMT Portable Maintenance Terminal
PMTU Path Maximum Transmission Unit

PMU PENS Management Unit PMU Project Management Unit

**PMW** Project Management (or Manager) Workbench

PMX Planning Message Exit

**PN** Perceived Noise

PN Prior Notice (Required)
PNdB Perceived Noise Decibels

PNF Pilot Not Flying (Pilot Monitoring: PM)PNIC Private Network Identification Code

PNL Passenger Name List PNL Perceived Noise Level

**PNLT** Tone Corrected Perceived Noise Level

**PNNI** Private Network to Network (or Network Node) Interface

PNO Public Network Operator
PNR Point of No Return

**PNT** Point

**PNT** Position, Navigation and Timing

PO Principle of Operation
PO Purchase Order
PO Dust Devils

**PO-ASAS** Principles of Operation of ASAS

POA Plain Old ACARS

**POA** Production Organization Approval

**POA** Portable Object Adapter

**PoACCS** Portuguese Air Command and Control System

POAF Portuguese Air Force
POB Persons on Board
POC Point of Contact

POCC Pacific Operations Control Center POD Planning at Operations Division

**POD** Port of Debarkation

**PODIUM** Proving Operations of Drones with Initial UTM (SESAR Horizon

2020 Project)

**POE** Port of Embarkation

**POEMS** Pre-operational European Mode-S



**POF** Problem-oriented Flight Leg

**POG** Point of Gaze **POH** Path Overhead

**POH** Pilot's Operating Handbook

"Safety Policy" component of the SMS **POL** 

Position Logging System **PoLo** 

Point of Presence **POP** Point of Risk **PoR** Power-on Reset **POR** Pacific Ocean Region **POR** 

**POS Position** 

**POS** (Target) Position as Indicated by rlb Marker

Post-implementation Safety Case **POSC** 

RA Applying Minimum Vertical Rate (eg. Climb) **Positive RA** 

**POSIX** Portable Operating System Interface for Computer Environments

Position LOG Management **POSLOG** 

Power-on Self Test **POST POT** Point-of-Termination

**POT** Potentiometer

PΡ Present Position (Eurofighter) **PPB** Principal Place of Business **PPC** Physical Protected Circuit

Projects, Procurement and Communications Section (of England) **PPC** 

**PPC** Policy Planning Committee **PPD** Planned Problem Display Potential Problem Display **PPD** Pilot Preference Downlink **PPD PPD** Pilot References Downlink Plans and Policy Division **PPD** Personal Printer Data Stream **PPDS PPE** Personal Protective Equipment

Points per Inch ppi PPI Points per Inch

PPI Plan Position Indicator

Personal Property Information Management System **PPIMS** 

**PPL** Private Pilot License **PPL** Project Participant List

Polish Airports State Enterprise/Polish Air Traffic Agency PPL/PATA

Date: 2021-01-28

Precise Position Location and Identification **PPLI** 

**PPM** Pulse Position Modulation

**PPM** Pages per Minute Parts per Million ppm

**PPM** Program Portfolio Management

Task Force on the Possible Pricing Mechanisms PPM/TF



<b>PPO</b> Principal Place of Operation	on
---	----

Present Position **PPOS** 

Point to Point Protocol **PPP PPP** Purchasing Power Parities **PPP** Public Private Partnership **PPR** Prior Permission Required Personal Property Report **PPR** 

**PPS** Precision Positioning Service/System

**PPS** Pulses per Second

Precise Positioning Service **PPS** 

Pulses per Second pps

Precise Positioning Service Security Module PPS-SM Private Packet Switched Data Network **PPSDN PPSDNS** Private Packet Switched Data Networks

**PPSN Present Position** 

**PPSN** Public Packet Switching Network

**PPT PowerPoint** 

Project Quality Manager **PQM PQP** Program Quality Plan Project Quality Plan **PQP** 

Problem Report PR Plot Reconstruction PR

PR Printer

PR Primary Radar

PR Probability of Reply (Control Bit)

Path Replacement PR Purchase Requisition PR PR Position Reporting PR Pseudo Range PR Packet Number PR Procurement Request

PR Project Review / Program Review

PR **Partial** 

Product Release (Milestone) PR(M) PR/PSR Primary (Surveillance) Radar **PRA** Procedural Areas Map Project Review Authority **PRA** Primary Rate Access **PRA** 

**PRA** Procedural Areas/Windows Plot Resolution Analysis **PRA** 

**PRAISE** Preparation for Research and Development in Support of EATMS

Program

**PRAWNS** Pressure, Roles, Airports, Weather, Non-standard/Priority Info, Strips

to Display



PRBProject Review BoardPRBPerformance Review BodyPRBSPseudo Random Bit SequencePRCPerformance Review Commission

**PRE** Previous (Centre)

**PRE** Preview

PRE Priority Preference Bit
Pre-OJT Pre-on the Job Training

**Pre-Simul** Pre-simulation **preC** Pre-council

PREDICTPre-tactical SystemPREDSITPredicted SituationPRESPresent Heading

**PREV** Previous

**PREV RTE** Previous Route

**PREVAIL** Preparation for EGNOS Validation in Approach and Landing **PREVI** Data Processing System to Support the Forecast and Regulation of

the Air Traffic (FR)

**PRF** Pulse Repetition Frequency

**PRF** Percentage of Regulated Flights (Delay Parameter Abbreviations)

PRFD PRF Discriminator
PRI Primary (Radar or Unit)
PRI Primary Rate Interface
PRI Pulse Repetition Interval

PRI Printed Board

PRIF PROC Interface Tool

**PRIO**Key Allowing Participation in a Current Communication **PRISME**Pan-European Repository of Information Supporting the

Management of EATM

**PRISMIL** Pan-European Repository of Information Supporting Military Key

**Performance Indicators** 

**PRKG** Parking

PRLPilot Request, Level (Service)PRMPrecision Runway MonitorPRMPrecision Radar MonitoringPRMParallel Runway Monitor

PRM Passengers with Reduced Mobility
PRM Precision Runway Monitoring
PRMA Packet Reservation Multiple Access
PRMD Private Management Domain

PRN Pseudo Random Noise

**PRN Code** Pseudo Random Noise Code **PRNAV** Precision Area Navigation

**ProATN** Prototype Aeronautical Telecommunications Network



**PROB** Probability **PROC** Procurement

**PROC** Procurement (Tool)

**PROC** Procedure

**PRODAT**PROSAT Data Link Experiment
Multinational Project Financing

**PROH** Prohibited(ion)

**PROM** Programmable Read-only Memory

**PROMET** Working Group on the Provision of Meteorological

Information Required before and during Flight

**PROOF** Primary Rate isdn Osi Office Facilities

PRORES Problem Resolution
PROSAT Promotion of Satellites
PROSIT Problem Situation
PROT Protected(ion)
PROV Provisional

**PROVE** European ATC Pre-operational Validation and Experimental Trials

Platform

**PRP** Pulse Repetition Period

**PRPL** PC RPL System

**PRQ** Pilot Request (Service)

PRRPerformance Review ReportPRRPilot Request, Route (Service)PRRPerformance Review ReportPRR1Performance Review Report

PRS Public Regulated Service (GALILEO)

PRS Picture Repetition Store
PRS Performance Review System

**PRS** Picture Refresh Store

**PRSG** Performance Review Sub-group

**PRT** Printer

**PRT** Processing Response Time (EUROCONTROL)

PRT Preferences Tool
PRT Pulse Repetition Time
PRU Performance Review Unit

**PRX** Proximity (ADPS)

PS Power Supply
PS Problem Statement

**PS** Plus

PS Position Symbol
PS Problem Solver

**PSA** Primary Subject Area

PSA Provisional Site Acceptance
PSA Passive Slot Allocation



**PSA** Provisional Site Acceptance

**PSA** Path Stretching Ar

**PSAL** Provisional Slot Allocation List **PSAP** Presentation Service Access Point

**PSB** Parallel System Bus

**PSC** Project Steering Committee

**PSC** Performance, Standard, Conditions

**PSC** Project Safety Committee **PSC** Program Support Center

**PSCO** Predicted Situation Communication Object

PSD Packet Switched Data
PSD Phase Sensitive Detector
PSD Power Spectral Density
PSD Phase Sensitive Discriminator
PSD Process Support Document
PSDN Public Switched Data Network
PSDN Packet Switched Data Network

PSE Path Steering Error
PSE Project Safety Engineer
PSE Packet Switch Exchange

**PSE** Primary Surveillance Equipment

**PSE** Please

**PSG** (OATA) Project Steering Group

**PSG** Passing

PSG Program Steering Group
PSK Phase Shift Keying
PSL Projected Service Life

**PSM** Practical Supervisory Manual

**PSMC** Packet System Management and Control Channel

**PSMSL** Permanent Service for Mean Sea Level

**PSN** Position

PSN Packet Switched Network
PSN Public Switched Network
PSO Project Support Office
PSO Program Support Office
PSP Program Segment Prefix
PSP Primary Spare Part

**PSPDN** Packet Switched Public Data Network

PSPECPSRPrimary Surveillance RadarPSRProject Status Report

**PSS** Perimeter Surveillance System

PSS Paperless Strip System
Packet Switched Service



**PSS1** Private Signaling System 1

**PSSA** Preliminary System Safety Assessment

**PSSG** PEN Service Steering Group

**PSSR** Present Secondary Surveillance Radar Code

**PST** Project Support Team

**PST** Pacific Standard Time, UTC -8h.

**PST** Project Supervision Team **PSTF** Pension Scheme Task Force

**PSTN** Public Switched Telephone Network

**PSU** Power Supply Unit

PSU Program Sequencing Unit
PSV Pilotage sans visibilité
PSW Program Status Word
PSYS Pressure Systems

PT Point: ENV Data Entity Type

**PT** Payload Type

PT Portugal (Country Identifier)
PT Special Reporting Point
PT Predicted Trajectory

PT Product Team
PT ID Point Identification
pt to pt Point to Point

PTC ATS QSIG Test Equipment Partner Training Center

**PTC** Precision Trajectory Clearance

PTC Presumed-to-Conform
PTE POEMS Test Environment
Ptfe Poly-tetra Fluorethylene
PTI Payload Type Identifier

**PTI** Protection de Travailleur Isolé (LWP)

PTI Packet Type Identifier
PTID Point Identification
PTL Predicted Track Line
PTM Pointto Multipoint

PTM Pulse Timing Modulation
PTM Programmable Timer Module

**PTN** Procedure Turn

**PTN** Public Telephone Network

**PTN** Private Telecommunication Network

**PTO** Program Team Organization

PTO Public Telecommunication Operator

**PTO** Preferred Time Over PTOT Provisional Take-off Time

**PTP** Point to Point



**PTP** Part Task Practice

PTR Profile Tuning Restriction (Management)

PTR Program Technical/Trouble Report

**PTRMC** Prototype Team Resource Management Courseware

PTS Poems Test Set
PTS Planned Traffic Store

**PTS** Peripheral Transaction Server

PTS Polar Track Structure
PTS Pre-training Screen
PTS Points (Route Points)

PTS Special Reporting Points, Civil and Military

PTS Procedures Tracking System
PTSD Posttraumatic Stress Disorder

PTT Part Task Trainer
PTT Push to Talk

PTT Post, Telecommunications and Telegraphs

PTT Part Task Trainer

PTT Post, Telephone and Telegraph (BE New Belgacom) Push to Talk

PTT1 The OPS Room PTT1 Line PrinterPTT2 The OPS Room PTT2 Line Printer

**PTW** Project Team Work

**PTWMG** Part-time Work on Medical Grounds

PU Physical Unit PU Processing Unit

**PUA** Public Address System

**PUB** Publication

**PUB** Publications and Charts

PUB ADD Public Address / Paging System
PUE Power Utilization Effectiveness

PUG PENS User Group Pulsar Pulsating Star

**PUMA** Performance Usability-modelling of ATM

PUP Principal User Processor

**PV** Performance Verification

**PV** Present Value

**PVASI** Pulsating Visual Approach Slope Indicator

**PVC** Poly-vinyl Chloride

**PVC** Permanent Virtual Circuit

**PVD** Plan View Display

**PVPL** Predicted Vertical Protection Levels

PVS Projection Video System
PVT Position, Velocity and Time
PVT GNSS Position Velocity Time

**PWA** PFSB Working session on Actuarial assumptions



PWG	Pensions Working Group
PWI	Proximity Warning Indicator
PWM	Pulse Width Modulation
PWM	Pre-warning Message Window
PWO	Pre-warning Message Oat
PWP	Pilot Working Position (Used in MUAC Simulator)
PWP	Physical Working Position
PWP	Published Way Point
PWR	Power
PWS	Predictive Wind Shear
PWS	Power Supply
PWS	Pair Wise Separation
PYM	Payment Milestone
PZ	Portotroz (SI)
PZ 90	Parameters of Earth 1990
PÄD	Problemmeldungs- und Änderungsdienst (Non-conformance
	Reporting and Change System)

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Authors: N. Rieck & M.-M. Temme



## 2.18. Letter - Q

Q	Quadrature Component (MTI)
Q	Indicator for QNH in hPa
Q	Atmospheric Pressure
Q&A	Question and Answer
Q.23	Signaling System for PABX
Q.920	ITU-T Recommendation: Digital Subscriber Signaling System No.1
	(DSS) ISDN User-network Data Link Specification
Q.921	ITU-T Recommendation: Digital Subscriber Signaling System No 1
•	(DSS1) - ISDN User - Network Data Link Layer - Specification
Q.931	ITU-T Recommendation: ISDN User-network Interface Layer 3
•	Specification for Basic Call Control
Q.932	ITU-T Recommendation: Digital subscriber Signaling System No. 1 -
•	Generic procedures for the Control of ISDN Supplementary Services
Q.SIG	ATS-Q.SIG - Standard for ATC. G/G Voice Communications
Q10	Kio Private Queue
Q23	ITU-T Standard
Q2O	Oio Private Queue
Q3O	Llio Private Queue
Q40	Rio Private Queue
Q5O	Dio Private Queue
Q6O	Sio Private Queue
Q70	Not Allocated Private Queue
Q8O	Transferred Chg and Cnl
QA	Quality Assurance
QA	Quality Assurance Section
QA	Quality Assurance
QA	Qdm Area
QAD	Aerodromes Store (Static Data Bank)
QAE	Quality Assurance Evaluator
QAM	Quadrature Amplitude Modulation
QAM	QA Manager
QAP	Quality Assurance Plan
QAPT	Aircraft Performance Table, (Static Data Bank)
QAR	Quick Access Recorder
QAR	Quality Assurance Representative/Resource
QATL	Aircraft Type List (Static Data Bank)
QBE	Query by Example
QBI	compulsory IFR Flight
QC	Common Queue
QC	Quality Control
QCAA	Qatar Civil Aviation Authority
QCM	Quality Control Manager
QDIR	Queue Directory



QDM	Magnetic Heading (Zero Wind)
QDM	Magnetic Heading
QDR	Reciprocal of QDM
QDR	Magnetic Bearing
QE	Qualified Entity
QF	Quality Factor
QFE	Atmospheric Pressure at Aerodrome Elevation (or at Runway
4	Threshold)
QFE	Actual Air Pressure
QFF	Barometric Pressure Reduced to Mean Sea Level
QFF	Pressure in NN
QFP	Quad Flat Pack
QFU	Magnetic Orientation of Runway
QFU	Runway in Use
QGG	Gat FDG General Queue
QHN	Altimeter Sub-scale setting (RLD Paper)
QIA	Queue Identification Area
QIC	Quarter Inch Compatibility
QinetiQ	Formerly known as the UK 'Defense Evaluation and Research
	Agency'
QIP	Quality Improvement Plan
QISAM	Queued Indexed Sequential Access Method
QIT	Quarter Inch Tape
QLIN	Table of Valid Flight Levels
QM	Quality Management or Quality Manager
QMF	Query Management Facility
QMG	Oat FDG General Queue
QMP	Question Mark Perception
QMS	Quality Management Support (Group)
QMS	Military Supervisor Queue
QMS	Quality Management System
QMU	outside air temperature
QMWG	Quality Management Working Group
QNE	Standard Pressure Setting
QNH	Atmospheric Pressure at Nautical Height; Q-code Designation for
00	Atmospheric Pressure at Mean Sea Level
QO	Obsolete Queue
QOS	Quality of Service
QOTS	Quantum-Optical Tracking Stations
QP OPE	Quality Plan
QPF OPSI	Quadra Potential Focus
QPSK QPSK	Quadrature Phase Shift Keying Quaternary Phase Shift Keying
	Quaternary Friase Strict Reyling  Question
QQ	Question



QRA	Quick Reaction Alert
QRA	Who Are You
QRH	Quick Reference Handbook
QRLA	Rout Link Aerodrome, (Static Data Bank)
QRPS	Route Points Store (Static Data Bank)
QRSS	Route Segments Store, (Static Data Bank)
QSAM	Quadrature Side-band Amplitude Modulation
QSAM	Queued Sequential Access Method
QSIG	Q-Reference Point Signaling
QSIG-BC	QSIG-Basic Call
QSIG-GF	QSIG-General Functional
QSMS	Quality and Safety Management System
QSP	Gat Sup Private Queue
QTA	Quality, Technology and Architecture
QTA	Cancel Decision
QTA	Cancellation of Flight Message
QTAM	Queued Telecommunications Access Method
QTC	Quick Transit Centre (Airports)
QTE	True bearing (ICAO)
QTG	Qualification Test Guide
QUAD	Quadrant
QUASAR	Quasi Stellar, (Source of Radio Emanations)
QUASAR	Questionnaire for ATSEP Standard Assessment Routines
QuestionAIR	Computer-based ATM Questions Bank
QUIS	Questionnaire for User Interface Satisfaction
QUJ	Reciprocal of QTE
QUPID	Quick-reaction Perimeter Intrusion Detection
QVZON	Video Zone Maps for UIRs and Sectors, (Static Data Bank)
QWERTY	Arrangement of Keys on Keyboard for English Style
QWERTZ	Arrangement of Keys on Keyboard for German Style
QZSS	Quasi Zenith Satellite System



## 2.19. Letter - R

R R R R r R	Report Romania Red Right Right (Runway ID) Rate of Change (Climb or Descent) Team Collection of Air Navigation Charges Under Bilateral Agreements with Non-contracting States Restricted Area Indicator for RVR En-route
r R&D	Rate of Change (Climb / Descend)  Research and Development
R&R	Rules and Regulations
R,E&D	Research, Engineering and Development
R+B	Range and Bearing line
R-ATSU	Receiving ATS Unit
R-Channel	Random Access Channel
R-NAV	Area Navigation
R-OMC	Rfs-operational Monitoring and Control Position
R-VKL	Radar (Executive-) Controller
R	Prefix to a Restricted Area Identifier
R/F	Radio / Frequency
R/T	Radio Telephony
R/T	Receiver / Transmitter
R/T R/T MS	Radio / Telephony Radiotelephone Monitoring System
R/W	Radiotelephone Monitoring System Runway
R2	European Signaling Standard (Voice Communication)
R2	EUROCONTROL Signaling Protocol
R2	Signaling System Used for Telephone Exchanges
RA	Routine Area
RA	Registration Authority
RA	Radio Astronomy
RA	Random Access
RA	Rain
RA	Routing Scheme Area
RA	Resolution Advisory (ACAS)
RA	Risk Analysis (TCAS)
RA	Radio Access
RAA	Regional Airline Association
RaADS	Radar and ADS Display System
RAAF	Royal Australian Air Force



**RAAN** Right Ascension of the Ascending Node

**RAARR** Radar Arrival

**RAAS** Radar à synthèse d'ouverture (FR) (Synthetic Aperture Radar)

RAAS
Regional Area Augmentation System
RAC
Resolution Advisory Complement
Rules of the Air and Air Traffic Services

**RAC** Ruhr Assistant Controller

RAC Rules of the Air and Air Traffic Services
RAC Rules of the Air and Air Traffic Control

**RACE** Runway Capacity Enhancement RACF Resource Access Control Facility

**RACGAT**Russian-American Air Traffic Coordination Group
RACI
Responsible, Accountable, Consulted, Informed

**RAD** Radar Point (ENV Entity Type)

**RAD** Radar

**RAD** Route Availability Document

**RAD** Requirements Application Document

**RADA** Regional Air Navigation Services Development Association

**RADA** Regional ATM Development Area RADA Regional ATM Development Area

**RADAC** Radar Verification Equipment in Norway

**RADAR** Radio Detecting and Ranging

**RADAR** Results Approach Deployment Assessment and Review

**RADCOR** Route Availability Document Coordinator

**RADEP** Radar Departure

**RADES** Radar Data Evaluation System

**RADIN** Radar Interface Card

**RADIN** Radar Data Interchange Network

**RAdio** Radio

**RADLO**Regional Air Defense Liaison Office
RADLS
Range Applications Data Link System

**RADNET** Radar Network,

**RADVIEW** Radar Verification Equipment in Norway

**RAE** Royal Aerospace Establishment RAeS Royal Aeronautical Society (UK)

**RAeS-HFG** Royal Aeronautical Society Human Factors (Group)

**RAF** Reference ATN Facility (US/EUROCONTROL)

**RAF** Royal Air Force

**RAFC** Regional Area Forecast Centre

**RAG** Ragged

RAG Runway Arresting Gear
RAG Rulemaking Advisory Group
RAG Regulatory Advisory Group (EASA)
RAG Range-azimuth Gate Generator



**RAG** Requirements Assessment Group

**RAI** Italian Aeronautical Certification Authority

**RAI** Runway Alignment Indicator

**RAID** Redundant Array of Inexpensive Disks

**RAIDS** Real-Time ATFM Interactive Demonstrator/Simulator

**RAIL** Runway Alignment Indicator Lights

**RAIM** Receiver Autonomous Integrity Monitoring RNDSG Airspace Improvement Synopsis

**RAISG** RNAV Approach Implementation Support Group

**RAL** Remote Analogue Loop

**RALT** Radio Altimeter

**RAM** Random Access Memory

**RAM** Reliability, Availability and Maintainability

**RAM** Research Area Manager

**RAM** Responsibility Assignments Matrix RAM Route Adherence Monitoring

**RAM** Rapid Air Mobility **RAM** Rapid Alert Messaging

**RAMBO** Reliable, Available, Maintainable, Benefits, Objectives

**RAMCC** Regional Air Movement Control Centre

**RAMS** Reorganized ATC Mathematical (Model) Simulator

**RAN** Regional Air Navigation (Meeting)

**RANSU** Regional Air Navigation Service Unit (DFS)

**RAOC** Regional Air Operation Centre

**RAP** Recognized Air Picture

**RAP** Required Aircraft Performance RAP Referred Activate Proposal Message

**RAP** Resource Allocation Process

**RAP** Runway Access Point

**RAPCON** Radar Approach Control Facility

**RAPID** Recognized Picture Identification Distribution

**RAPID** Rapid(ly)

**RAPNET** Regional ATS Packet Switched Network

**RAPPI** Radar Access Plan Position

**RAPPI** Random Access Plan Position Indicator

**RAPS** Radar Analysis, Playback and Simulation System for Surveillance

Data

**RAR** Restricted Area Requested

**RAR** Risk Analysis Report RARAD Radar Advisory

**RARP** Reverse Address Resolution Protocol

**RAS** Resource Allocation System

**RAS** Rectified Air Speed

**RASA** Requirements, Analysis, Strategy and Architecture

Date: 2021-01-28



**RASA-SG**Requirements Analysis Strategy and Architecture Sub-group
RASC
Regional AIS System Centre (Outside the ICAO EUR Region)

**RASCAL** Radar Sharing Calculation **RASG** Regional Aviation Safety Group

**RASH** Rain Showers

**RASIF** Radar Simulator Flugsicherung (DE)

**RASN** Rain and Snow

RASP Regional ATC Service Provision
RASP Regional Airport System Plan
RASP Radar Application Specialist Panel

**RASP** Radar Surface Picture

**RASS** Radar Analysis Support System

**RASS-A** RASS - Airborne

RASS-C Radar Analysis Support System - Centre Level RASS-P Radar Analysis Support System - Plot Data RASS-PDP RASS - Polar Diagram Measurement Facility

**RASS-T** RASS for Tracks

**RASS-T** Radar Analysis Support System - Track Data

**RASS-V** RASS for Individual Radar Sites Data **RASSP** Radar Analysis Support System - Plot

**RASTA** Radar Statistics

**RASV** Responsibility Air Space Volume

RAT Risk Analysis Tool
RAT Risk Assessment Tool
RAT Risk Assessment Team

**RATCC** Radar Air Traffic Control Center

RATCF Radar Air Traffic Control Facility (USN)
RATE Remote Air Traffic Services Terminal
RATS Radar Analysis and Test System

**RATT** Radio Teletype

**Rb** Rubidium

RB Router Bridge (Hardware)
RB Reserved Bandwidth
RBC Rotating Beam Ceilometer
RBD Reliability Block Diagram

**RBDPE** Radar Beacon Data Processing Equipment

**RBI** Radar Blip Identification RBL Range Bearing Line

**RBMT** Reference Business/Mission Trajectory

**RBP** Radar Bypass Processor

**RBPM** Remote Beacon Performance Monitor

**RBR** Router Bridge

**RBS** Radio (Telephony) Backup System

**RBS** Radar Bypass System



**RBSS** Radar Bomb Scoring Squadron RBT Reference Business Trajectory

**RBTA** Authorized Part of a Reference Business Trajectory **RBTP** Planned Part of a Reference Business Trajectory **RBTX** Executed Part of a Reference Business Trajectory

RC Reply Control
RC Radar Control
RC Reply Control (Bits)

RC Roll-Call

RC Radar Controller RC Reset Cause

RC 12C Radio Callsign - Callsign
RC 12R Radio Callsign - Radio
RCA Remote Client Access
RCA Remote Client Application

RCA Revised Contribution Assessment RCA Reduced Coordination Airspace RCA Reach(ing) Cruising Altitude

RCAG Remote Communications Air/Ground RCAS Radio Coverage Analysis System

RCAT Route Catalogue
RCB Release Control Board
RCC Route Charges Committee
RCC Remote Client Configuration
RCC Rescue Coordination Centre

**RCC** Rail Control Centre

RCC Ruhr Coordinating Controller
RCCB Residual Current Circuit Breaker

**RCCC** Regional Communications Control Center

RCD DCL Request Request Message

**RCDB** Reference Code Data Base

RCDM
Release Content Definition Meeting
RCDS
Radio Channel Distribution and Switching
RCDSS
Redex Control and Display Substitutes

RCDSS Radar Control and Display Subsystem
RCE Radio Control Equipment

**RCF** Remote Communications Facility

**RCF** Radio Communications Failure (Message Type Designator)

**RCFEP** Radar (Data) Communications Front-end Processor

**RCGSP** Review of the General Concept for Separating Panel (ICAO)

**RCH** Reach

**RCHG, RCNL** Possible Titles of an ADEXP RFPM RCIU Remote Control Interface Unit

**RCL** Runway Centre Line



**RCL** Executive (i.e. Radar) Controller

**RCL** Reversal Climb

RCL Radio Communications Link RCLL Runway Centre Line Lights

**RCLR** Radio Communications Link Repeater

RCLR RCL Repeater
RCLT RCL Terminal

**RCM** Radar Coordinator (Controller) Message

**RCM** Statement of Basic Operation Requirement, Planning Criteria and

Methods of Application

**RCM** Radar Controller Message

**RCM** Reliability Centered Maintenance

**RCMS** Remote Control anf Monitoring System

**RCNL** Reason for Cancellation RCO Route Charges Office

RCO Remote Communications Outlet RCO Reduce Cumulative Overloads

**RCOWG**ROUTE Charges Offices' Working Group
RCP
Required Communication Performance

RCP Right-circular Polarization RCR Runway Condition Reading

**RCR** Raw Collision Risk

RCRRescue Coordination RegionRCRTRefresh Cycle Response TimeRCSRisk Classification Scheme

RCS Radar Cross Section
RCS Radar Cross Section
RCS Reply Control Subfield
RCS Remote Control System
RCT Route Catalogue system

**RCT** Rectifier

**RCU** Remote Control Unit

RD Routine Domain
RD Risk Display
RD Redirect

RD Request Disconnection
RD Requirements Document
RD-Channel Random Data Channel
RDAF Royal Danish Air Force

**RDBMS** Relational Database Management System

**RDC** Reversal Descent

**RDC**RDCom

ROUTING Domain Confederation
FAA/EUROCONTROL R&D Committee

**RDCU** Radar Data Compressor Unit



RDD Raw Data Display
RDE Radar Data Equipment

**RDE-FG** Radar Data Exchange Focus Group

RDF Radio Direction Finding
RDF Routine Domain Format
RDFS Radio Direction Finder System

RDI Radar Data Generator
RDI Routing Domain Identifier
RDIF Radar Data Interchange Format

RDL Radial (VOR)
RDLY Reason for Delay

**RDM** Running Display Message **RDN** Relative Distinguished Name

**RDO** Radio

**RDP** Radar Data Processor **RDP** Radar Data Processing **RDP** Remote Data Processing Runway Datum Point **RDP** RDP (NM) Releases Deployment Plan **RDPC** Radar Data Processing Chain **RDPP** Radar Data Post Processor **RDPS** Radar Data Processing System **RDOC** Radar Data Quality Control Radar Data Recording **RDR** 

**RDR** Radar

**RDR.HDV** Radar Handover

**RDSIM** Runway Delay Simulation Model RDSS Radar Determination Satellite System

**RDSS** Radar Data Survival System

**RDTE** Research, Development, Trials and Evaluation

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**RDY** Rapid Deployment Voice Switch Ready for Take-off Message

**RDY** Ready Message

**RE** Recall

**RE** Reserved Expansion Indicator

**RE** Recent

RE Real Equipment
RE Resident Engineer

**REA** Ready (to depart) Message

**Real** Real time

REC Ruhr Executive Controller
REC Request EOBT Change

REC Record(ing)
REC Receive(r)



**REC** Recommendation

**REC** Recall (ICAO) / Recording

**RECAT** Re-categorization of Wake Turbulence Separation Minima

**RECAT** (Aircraft Wake) Reclassification

**RECAT-EU** European Separation Standard for Aircraft Wake Turbulence

**RECCL** Recording Class

**RecDPS** Recording Data Processing System

**RED** Random Early Detection

**REDAC**Research, Engineering & Development Advisory Committee
REDAN
Red de Datos de Navegación Aérea de Aena (Spanish CAA Data

Network)

**REDES** Route Efficiency in Approaching Destination

**REDL** Runway Edge Lights

**REDMACS** Research, Engineering, and Development Monitoring, Analysis and

Control System

**REDZ** Recent Drizzle REF Refer(ence) to ...

**REFGHMI** Reference Ground Human Machine Interface

**REFPM** Repetitive Extended FPM REFZRA Recent Freezing Rain

**REG** Aircraft Registration Marking (Flight Plan item 18 Indicator)

REG Region REG Regulators REG Registration

**REG** Registration Number REGC Regulation Cause

**REGUL** Recent Gail Regulation

**REIL** Runway End Identifier Lights **REGIS** Regional Information System

**REJ** Receive Reject Reject Message

**REJCTOT** Rejected Calculated Take-off Time

**REJTOT** Rejected Take-off Time

REL Relay
REL Release

**REL** Aircraft is Released

RELP Residual Error Linear Prediction
REM Radio Emergency Module
REM Rapid Eye Movement

**REM** Röntgen (or Roentgen) Equivalent Man

**Rem De-icing** Remote De-icing Procedure

**REMOCO** Remote Control (Supervision System)

**REMP** Radar Replacement and Modernization Program

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme



**REMP** Radar Exchange and Modernization Program

**REN** Re-entrant (Flight)

**REN** Re-entry

**RENAR** Réseau de la Navigation Aérienne (FR Network)

**RENL** Runway End Lights

**REP** Report(ing), Reporting Point

**REP** Report

REP Radar Emergency Processing
REP Field Repetition Indicator
REP Repetition Indicator

**REPC** Right Hand Enhanced Planning Console

**REPF** Regulations of the EUROCONTROL Pension Fund

**REQ** Request Message

**RER** Rerouting

**RER** Residual Error Rate

**RERA** Recent Rain

**RERASN** Recent Rain and Snow

**RERTE** Re-route RES Research Task

RES Radar Environment Simulator
RES Radar Environment System
RESA Runway End Safety Area (ICAO)
RESET Reducing Separation Standards

**RESH** Recent Rain Showers

**RESN** Recent Snow

**RESNSH** Recent Snow Showers RESP Response (ICAO)

**RESPBY** Respond by (Time to Give a Response) **REST 1** Runway in Use, Equipment, Situation, Traffic **REST 2** Restrictions, Equipment, Situation, Traffic

**RESTQ** Recovery Stress Questionnaire

**RESTR** Route Efficiency in Straightness of Traiectory

**RET** Revised EOBT

**RET** Retain the Pssr for Allocation to the Next Identical c/s

**RET** Airborne and Ground Retrofit (issues)

**RET** Rapid Exit Taxiway

**RETD** Revised Estimated Time of Departure

**RETEX** Return of Experience

**RETILS** Rapid Exit Taxiway Indicator Lights

**RETINA** Resilient Synthetic Vision for Advanced Control Tower Air

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**Navigation Service Provision** 

**RETS** Recent Thunderstorms

**RETX** Retransmission or Cross-Coupling REV Revision (Message Type Designator)



REX	Tail Clear
RF	Radio Frequency
RF	Radius to a Fix
RF	Radiative Force
RF, RFL	Requested Flight Level
RFA	Radar Field Analyzer
RFC	Radar Front-end Communications Unit
RFC	Radio Facility Chart
RFC	Request for Comments
RFC	Request for Comment
RfC	Request for Connection
RfC	Request for Change
RFC	Radar Fallback Communication System
RFCA	Panel on Route Facility, Cost Accounting and Cost Allocation
	(ICAO)
RFCP	Route Facility Costs Panel (ICAO)
RFEP	Radar Front End Processor
RFF	Radar Fall-back Facility
RFF	Radio Frequency Function
RFFS	Rescue and Firefighting Services
RFG	Requirements Focus Group
RFG	Radio Frequency Generator
RFI	Request for (Direct) Improvement Message
RFI	Radio-frequency Interference
RFI	Request for Information
RFI	Return on Future Investment
RFID	Radio-frequency Identification
RFK	Regionale Flugklimatologie (DE)
RFL	Requested Flight Level
RFLT	Radio-frequency Unit
RFM RFP	Remote Field Monitor
RFP	Repetitive Flight Plan Reference Point (ENV Entity Type)
RFP	Replacement Flight Plan (Procedure)
RFP	Replacement Flight Plan
RFP	Request for Proposal
RFPD	Repetitive Flight Plan Data
RFPM	Repetitive Flight Plan Message
RFPS	Radar data Front Processing System
RFQ	Request for Quotes/Quotation
RFS	Random Field Sequencing
RFS	Radar Fallback System
RFS	Remote File Server
RFS	Random Field Sequencing Organization



RFS	Requirements and Features Specification
RFSG	Regulatory Functions Study Group
RFT	Request for Tender
RFT	Radio Telephony
RFT	Revisable Form Text
RFU	Radio Frequency Unit
RFZ	Restricted Flying Zone
RG	Range (Lights)
RG	Review Group
RG	Regulation
RGB	Red, Green, Blue
RGCSP	Review of the General Concept of Separation Panel (ICAO)
RGGI	Regional Greenhouse Gas Initiative
RGI	Radar Gyroscope and Inclinometer
RGIC	Ranging Geostationary Integrity Channel
RGS	Regional Ground Station
RGS	Remote Ground Station
RGS	Remote Ground Station
RH	Radar Head
RHC	Ruhr High Coordinator Controller
RHCP	Right Hand Circular Polarization
RHD	Radio (or Radar) Horizon Distance
RHE	Ruhr High Executive controller
RHEA	Role of the Human in the Evolution of Air Traffic Management
1111 <b>2</b> 7 (	Systems
RHEL	Red Hat Enterprise Linux
RHI	Range / Height Indicator
RHP	Radar Head Processor
RI	Reliability Indicator
RI	Radar Information
RI	rectification interval
RI	Route Intercept
RI	Routing Information
RI	Ring-in (Connection)
RIA	Regulatory Impact Assessment
RIA	Rich Internet Application
RIANNA	Research into Improving Aircraft Noise Nuisance Assessment
RIAS	Airport Situational Awareness and Runway Incursion Alert System
RIB	Routing Information Base
RIC	Radar Integration Control
RICBAN	Regulatory and Information Board Area Northwest
RICE	RTF Interface Control Equipment
RID	Review Item Disposition; Review Item Discrepancy
RIE	Rectification Interval Extension
IXIL	Nectification interval Extension



**RIF** Radio Interface Reclearance In Flight **RIF** 

**RIFF** Resource Interchange File Format Regional Implementation Group RIG

Runway Incursion Information Evaluation Program **RIIEP** 

Runway Incursion Monitoring **RIM** 

Runway Incursion Monitoring and Conflict Alert System **RIMCAS** 

**RIMS** Ranging and Integrity Monitoring Station

Portuguese Data Network RINAL Ruhr Input Operator **RIO** 

Risks, Issues and Opportunities **RIO** 

Ram I/O Interval Timer **RIOT** 

Routing Information Protocol **RIP RIP** Runway Incursion Program

**RIPE** Reseaux IP Européens (FR) (European IP Network Authority)

Required Information Performance Concept **RIPE** Runway Incursion Reduction Program **RIRP** 

Russian Institute of Radio Navigation and Time (St. Petersburg) **RIRT** 

Relational Interface System RIS Route Implementation Summary RIS

Recommendations from Incidents and Safety Concerns **RISC** 

**RISC** Reduced Instruction Set Computer

Retrieval and Interchange of Standards in Europe **RISE** 

Riso National Laboratory (Denmark) **RISO** Radar System Improvement Program **RISP** RADNET/RMCDE Implementation Team RIT

**RITA** Réseau Intégré de Transmissions Automatiques (FR)

**RITA** Replay Interface for TCAS Alerts

RJ Reject

Airspace Crossing Reject Message (Airspace Crossing Dialogue) **RJC** 

**RJC** Reject Message

Reject Coordination Message **RJC** 

Remote Job Entry RJE

**RJEF** Remote Job Entry Function **RJT** Rerouting Rejection Message

Reference Location RL

RL Reverse Link RL Report Leaving **RLA** Relay to

Rolling Ball **RLB RLB/CS** 

Rolling Ball/Callsign (Input Combination)

**RLBCS** Rolling Ball Callsign (Input)

Request Flight Level Change En-route **RLCE** 

Rijksluchtvaartdienst (Civil Aviation Department (Netherlands) **RLD** 



**RLE** Run Length Encoding (Bit Mapping Algorithm)

**RLG** Ring Laser Gyroscope

RLIM Radar Line Interface Module
RLL Run Length Limited (HDC/HDD)
RLLS Runway Lead in Lighting System

**RLP** Remote Line Printer

**RLS** (Flight) Rules

**RLS** Reliable Link Service

**RLSD** Released (US)

**RLSM** Reduced Lateral Separation Minimum

**RLST** Revised List

**RLT** Start of Take-off Roll

**RLW** Regie der Luchtwegen (BE) (Belgium Aviation Authority)

**RLW** Remote Line Watch

RM Rulemaking
RM Risk Management
RMG Rulemaking Group

**RM-ODP** Reference Model of Open Distributed Processing

**RMA** Reliability, Maintainability, Availability

**RMA** Regional Monitoring Agency

**RMA** Reliability Maintainability Availability

**RMAP** RMA Plan

RMC Resources Management Board
RMC Regional Meteorological Centre
RMCC Remote Monitor Control Center
RMCD Remote Master Control Desk

**RMCDE** Radar Message Conversion and Distribution Equipment RMCDS Radar Message Conversion and Distribution System

**RMCF** Remote Monitor Control Facility

**RMCS** Remote Monitoring and Control System

**RMD** Recommended

RMI RAD Management Group,
RMI Radio Magnetic Indicator
RMI Remote Maintenance Interface

**RMK** Remark

**RMK** Remark (Flight Plan Item 18 Indicator)

**RML** Radar Microwave Link

**RMLR** RML Repeater

**RMLS** Remote Monitoring and Logging System

**RMLT** RML Terminal

**RMM** Remote Maintenance Monitoring

**RMMC**Remote Maintenance Monitoring and Control
RMMS
Remote Maintenance Monitoring System
Receiving Module no. on the Mc-side



**RMON** Remote Monitor, Remote Monitoring

**RMonMIB** Remote Monitoring Management Information Base

**RMP** Required Monitoring Performance

**RMP** Risk Management Plan Radio Management Panel

**RMPS** Radar Message Processing System

**RMR** Roke Manor Research RMS Root Mean Square

**RMS** Remote Maintenance/Monitoring Subsystem

**RMS** Risk Management System

**RMSC** Remote Monitoring Subsystem Concentrator

RMS Error
RMScv
See RMSK (Infinite)
RMSpv
RMS Peak Value.
RMT
Rulemaking Task

RMT Reference Mission Trajectory
RMT Resource Management Tool
RMT Risk Management Team
RMX Replacement Sub-multiplexer

RNAV Reference Number
Area Navigation
RNAV Radio Navigation

**RNC** Required Navigation Capability RNC Radio Navigation Chart (ICAO)

**RNDSG** Route Network Development Sub-group

**RNE** Rapid Net Entry RNG Range Arker

**RNIS** Réseau National à Intégration de Services (FR)

**RNLAF** Royal Netherlands Air Force **RNP** Required Navigation Performance

**RNP-(X)** Required Navigation Performance (Minimum to be Defined)

**RNP-AIRNAV** Required Navigation Performance - Area Navigation

**RNP1** Required Navigation Performance (1nm Minimum Performance) **RNP5** Required Navigation Performance (5nm Minimum Performance)

**RNPC** Required Navigation Performance Capability

**RNPSORSG** Required Navigation Performance Special Operational Requirements

Study Group (ICAO)

**RNPTF** Required Navigation Performance Task Force

**RNR** Reference Number (PHAROS)

**RNR** Receive Not Ready RNR Royal Naval Reserve

**RNSS** Radio Navigation Satellite System

RO Read-only Router Function

Date: 2021-01-28



**RO** Regulations Officer

RO RPL Office Romania

**RO** Ring-Out (Connection)
ROA Record of Assistance

**ROAD** Representation of Overall ATM Development

**ROBIN** Road Billing Network

**ROC** Rate of Climb

ROC/D Regional Operations Center ROC/D Rate of Climb/Descent

ROD Rate of Descent ROD Record of Decision

ROE Reference Operating Environment ROF Request on Frequency (Message)

**ROFA** Runway Object Free Area

**ROFOR** Route Forecast (in Aeronautical Meteorological Code)

ROI Return on Investment ROL Request On-line

**ROLC** Routing Over Large Clouds

**Role** Role-play

**ROM** Read-only Memory

**ROMATSA** Romanian Air Traffic Services Administration

**ROMBUL** Romania, Bulgaria

**ROMBULPO** Romania, Bulgaria, Poland (Roumanie, Bulgarie et Pologne)

**RON** Receiving Only Rules of Procedure

ROPA RAPNET Operations and Planning Agreement ROPA RAPNET Operational Planning Agreement

**ROR** Range Only Radar

ROS Route Orientation Scheme
ROSA Report of Service Activity

**ROSAS** Regional Organization of the Sequencing and Scheduling of Aircraft

System

**ROSE** Remote Operation Service Element

**ROSE**Rational Object Oriented Software Engineering
ROSHM
Regional Occupational Safety and Health Manager

**ROT** Runway Occupancy Time ROT Remotely Operated Tower

**ROTA** Runway Occupancy Time for Arrivals **ROTD** Runway Occupancy Time for Departures

**Route1** Ats Routes and Reporting Points DCP Designator

**Route2** Weekend Routes and Reporting Points DCP Designator

**ROZ** Restricted Operations Zone

**RP** Routing Protocol



RP Route Point
RP Reporting Point
RP Radar Post

**RP** Reference Period (SESAR) **RP** Restoration Priority

RP2 Reference Period 2 (SESAR)
RPA Remotely Piloted Aircraft

RPAS Remotely Piloted Aircraft System
RPBT Relative Processor Busy Time
RPC Remote Procedure Call
RPC Restoration Priority Code
RPC Regional Planning Criteria
RPDS Reference Path Data Selector

**RPE-LTP** Regular Pulse Excited Long-term Prediction **RPEPTS** Selected Reporting Points from Flight Plan Route

**RPF** Rapid Prototyping Facility

**RPG** Report Programmed Generator

RPG Radar Processing Group
RPI Radar Position Indication
RPI Real Property Inventory
RPIs Radar Position Indicators
RPK Revenue Passenger Kilometer

**RPL** Repetitive Flight Plan

**RPLC** Replace(d)

**RPM** Revolutions Per Minute

**RPM** Resource and Partnership Management/

**RPM** Rational Portfolio Manager RPM RTP Program Manager

**RPMES** Regional Program Manager for Environment and Safety

**RPOA** Recognized Private Operating Agency

**RPOC** Risk Point-of-Contact

**RPQ** Request for Price Quotation

RPR Reprint Message
RPR Real Property Report
RPS Revolutions per Second

RPS Real-time Programming System
RPS Recording and Playback System

RPS Regulated Power Supply
RPS Radar Position Symbol
RPT Regular Proficiency Training
RPU Radar Processing Unit
RPV Remotely Piloted Vehicle
RPVD Radar Plan View Display

**RPWO** Repetitive Flight Plan Workstation Operator



RPY	Replay
RPZ	Runway Protection Zone
RQ	Request (Indication of)
RQD	Required
RQI	Request for Initialization
RQL	Request NOTAM List
RQM	Radar Quality Monitoring
RQMNTS	Requirements
RQN	Request NOTAM
RQO	Request for Original
RQP	Request Flight Plan (Message Type Designator)
RQS	Request Supplementary Flight Plan (Message Type Designator)
RQT	Requesting
RR	Reply Request (Control Bits)
RR	Report Reaching
RR	Receive Ready
RR	Routing Scheme Route
RR	Radio Resource
RRA	Radar Recording Analysis
RRA	Rerouting Acceptance Message
RRC	Recording Replay Computer
RRCS	Remote Radio Communication System
RREC	Repetitive Flight Plan Recovery Message
RRH	Remote Reading Hygrothermometer
RRHS	Remote Reading Hydrometer
RRI	Router Reference Implementation
RRI	Reference Router Implementation
RRN	Rerouting Notification Message
RRP	Remote Radar Post
RRP	Reduced Radar Plot
RRP	Re-routing Proposal Message
RRR	Radar Data Recording and Replay System
RRR	Radar Recorder
RRSS	Regional Runway Safety Symposium
RRTEREF	Reroute Reference
RRTES	Reroutes
RRU	Remote Radio Unit
RRV	Referred Revision Message
RRWDS	Remote Radar Weather Display
RRWSS	RWDS Sensor Site
RS	Restrictions / Generic Concept Comprising all Kinds of Restrictions
	Applicable to Air Traffic
RS	Radar Surveillance
RS	Reference Station



**RS** NASC Providing Regional Support

RS Radar System
RS Routing Scheme
RS Record Separator

**RS NATS** Recruitment Services NATS

RSA Radar Service Area
RSA Runway Safety Area
RSA Restricted Airspace
RSA Russian Space Agency
RSAP Runway Safety Action Plan

**RSAP** Replenishment Spares Acquisition Program

RSAP RMCDE Service Access Point
RSAP Radnet Service Access Point
RSAP Radar Source Access Point
RSAT Runway Safety Action Team

**RSC** Route Catalogue Services Component

**RSC** Rotorcraft Sectorial Committee

**RSC** Rescue Sub-center

**RSCAD** Civil Aviation Department of Republic of Srpska (Republic of Srpska,

Bosnia and Herzegovina)

**RSCD** Runway Surface Condition

**RSCS** Remote Spooling Communications Subsystem

**RSE** responsabilité sociale des entreprises (Corporate Social

Responsibility – CSR)

**RSFTA** Réseau de Service Fixe des Télécommunications Automatiques (FR)

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**RSG** Route Structure Group RSG Research Study Group

**RSI** US-based Radar Antenna Manufacturer

RSI Radiation Status Indicator
RSL Raytheon Systems Limited
RSL Runway Status Light

**RSLS** Receiver Side-lobe Suppression

**RSM** Radar Service Message

**RSM** Radar S-Mode

**RSMC** Regional Special Meteorological Center

**RSMCC** Random System Management Control Channel

**RSMCP** Radar System Mosaic Centre Point **RSMTF** Radar Separation Minimum Task Force

RSO Reduced Spacing Operations
RSO Route per State Overflown
RSO Regional Sub-Office (ICAO)

**RSOO** Regional Safety Oversight Organization

**RSOQ** Radar Stores Occupancy Query

**RSP** Responder Beacon



**RSP** Response

**RSP** Required Surveillance Performance

**RSP** Remote Status Panel RSPD Reported Speed

**RSPL** Recommended Spare Parts List **RSR** En-route Surveillance Radar

**RSRE** Royal Signals and Radar Establishment

**RSS** Radar Separation Standard

**RSS** Remote System Software Section

RSS Remote Speaking System
RSS Reservation Status Sub-field
RSS Recording Sub-System
RSS ROOT Sum Squared
RSS Radar Sub-system

**RSSI** Received Signal Strength Indication RSSP Radar Systems Specialist Panel

**RSTCA** Redevance pour services terminaux de la circulation aérienne (FR)

(Approach/Departure Charges)

**Rstd** Restricted (Time-restricted Learning)

**RSUP** Replay Supervisor

**RSUPG RSURTF**RSUS

Rest picture Gat Supervisor
RASS-S Upper Requirements TF
RPL Suspension Message

**RSUS**Repetitive Flight Plan Suspend Message
RSVM
Reduced Vertical Separation Minimum

**RSVP** Resource Reservation Protocol

**RSYD** (Aircraft) Released Subject to Your Discretion

**RT** Real Time

RT Receive Transmit RT Route Table

**RT** Radio Telecommunication

RT Radio Telephony

RT Route (ENV Entity Type)
RT Remote Transmitter

**RT&BTL** Radar Tracking and Beacon Tracking Level

**RT-VBR** Real Time - Variable Bit Rate **RT1** ATS Routes and Reporting Points

**RT1** Route 1 Map

**RT2** Weekend Routes and Reporting Points + Link Routes

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Authors: N. Rieck & M.-M. Temme

RT2 Route 2 Map

RTA Required Time of Arrival
RTA Requested Time of Arrival
RTA Remote Terminal Access System

**RTA** Remote TACT Access



**RTAD**Remote Tower Alphanumeric Display
RTAM
Remote Teleprocessing Access Method

**RTB** Radar Tool Box

RTB R/T Backup Equipment
RTC Radio Transmission Control
RTC Restricted Type Certificate

RTC (European) Regional Technical Conference

**RTC** Remote Tower Center

**RTCA** Radio Technical Commission for Aeronautics

**RTCC** Real Time Channel Controller

RTC-DES Route Extension Due to Airspace Design
RTCE Regional Training Centre of Excellence (ICAO)

**RTCP** Real Time Control Protocol

RTCS Recruitment, Training, Competence and Selection
RTD Retarded (Meteo) Message (Message Type Designator)

RTD Research and Technological Development

**RTDS** Radar Terminal Display System

**RTE** Route

**RTE-FPL** Route Extension Due to Last Filed Flight Plan RTE-T Réseau transeuropéen de Transport (FR)

**RTEPNT** Route Point

**RTEPTS** Selected Reporting Point from Flight Plan Route

**RTF** Radio Telephony

**RTF** Requirements Task Force

RTF Radiotelephone RTF Rich Text Format

**RTF SRC** Requirements Task Force

**RTFM** Regulated Tactical Flight Model

RTG Radiotelegraph(y)

**RTH** Regional Telecommunication Hub

**RTHL** Runway Threshold Lights

**RTI** RVR Transmit Information Message

**RTI** D-RVR Delivery Message

**RTI** Request Tactical Instructions Message RTILS Runway Threshold Identification Lights

**RTK** Real-time Kinematic

**RTK** Revenue Tone - Kilometer

RTL Route Table Length
RTLS Return to Launch Site

**RTMDE** RADNET Test Monitoring and Demonstration Equipment (Color

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

Screen)

RTN Return(ed)(ing)

**RTO** Remote Tower Operation

**RTO** Rejected Take-off



**RTO** Ready for Take-off, Reduced Take-off and Landing

**RTOS** Real Time Operating System

RTP Real Time Protocol RTP Radar Trigger Pulse

RTP Regional Transportation Plan RTP Remote Transmitter/Receiver

RTPC Réseau Téléphonique Public Commuté (Public Switched Telephone

Network PSTN)

**RTPTS** Route Points

**RTQC** Real Time Quality Control

RTQC/A Real Time Quality Control / Assessment

RTR RVR Transmit Request Message
RTR Remote Transmission / Receiver

**RTR** D-RVR Request Message

**RTR** Router

RTR Radar Termination Range
RTRD Remote Tower Radar Display

RTS Remote Tower Service
RTS Return to Sender/Service
RTS Reliable Transport Service

RTS Return to Service
RTS Request to Send
RTS Real Time Simulation

RTS Madap Real Time System Software Section

RTSA Real-time Status of Airspace
RTSE Reliable Transfer Service Element

**RTSIM** Real Time Simulation

**RTSX** Real Time Supervisor Executive

**RTT** Round Trip Time Radio Teletypewriter

**RTT** Ready to Task

**RTT** D-RVR Termination Message

**RTT** RVR Transmit Termination Message

RTT Regie van Telegraaf en Telefoon (Belgacom) (BE)

**RTTS** Real Time Tactical Server

**RTV** Real Time Video RTX Request to Send XID

**RTZL** Runway Touchdown Zone Lights

**RU** Regulatory Unit RU Routing Scheme Unit

**RU** Russian Federation (ISO Country Code)

RUC Rapid Update Cycle
RUG RASS Users Group
RUG RMCDE User Group



RUI	Remote User Interface
RUI	Radio Interface Unit
RUP	Rational Unified Process
RUT	Standard Regional Route Transmitting Frequencies
RV	Rescue Vessel
RVA	Régie des Voies Aériennes
RVI	Reverse Interrupt
RVI	Radar Video Interface
RVM	Radar Video Map
RVP	Rendezvous Point
RVR	Runway Visual Range
RVS	Reduced Vertical Separation
RVSM	Reduced Vertical Separation Minima
RVSM Entry	Reduced Vertical Separation Minimum Entry Point
Point	
<b>RVSM Exit Point</b>	Reduced Vertical Separation Minimum Exit Point
RVV	Runway Visual Value
RW	Runway
RWEWP	Runway End Way-point
RWIP	Runway Intercept-point
RWIS	Roadway Weather Information System
RWIWP	Runway Intercept Way-point
RWP	EUROCONTROL Regulatory Work Program
RWP	Real-time Weather Processor
RWSL	Runway Status Lights
RWY	Runway
RWY WP	Runway Way-point
RX	Receive(r), Reception
RX	Receive
RX	Receiver Station
RY	Route Assembly
RZ	Return to Zero

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Authors: N. Rieck & M.-M. Temme



## 2.20. Letter - S

C	Schadulad Flight Type
S	Scheduled Flight Type
S	Schedule Cycle Select
S	
S	South, Southern Latitude Sweden
S S	Select
	Second
s S (0)	Basic Access Interface at S ref. Point 192 kbit/s.
S (2)	Primary Rate Interface at Siref. Point 192 kbit/s
S&M	Sequencing and Merging
S-Band	S-Band (Radar Frequency Band)
S-CAT	Special Category 1 - Norwegian GBAS system
S-Connect	Session Connect Service
S-Data	Session Data Service
S-ELS	Mode-S Elementary Surveillance
S-Gate	Start Project Gate
S-Give	Session Give-token Service
S-JU	SESAR Joint Undertaking (Entreprise Commune SESAR)
S-P-R-c	Stimuli, Processing, Response, controlled executive
S-Please	Session Please-token Request Service
S-Release	Session Release Service
S-SUP	Sector Supervisor
S-TDMA	Self-organizing Time Division Multiple Access
s.m.	Statute Mile
<b>S/2</b>	Symbol for Stochastic Probability of Reply of 50%
S/ATM	Secretary ATM Unit
S/M	Sequencing/Metering
S/MIME	Secure MIME
S/N	Signal to Noise (Ratio)
S/S	Sector Suite
S/T	Short/Term
S/T	Space/Time
S/W	Software
S0	Security Class 0
<b>S1</b>	The Future (Desired) State
SA	System Administrator
SA	Salivary Cortisol
SA	Structured Analysis
SA	Selective Availability
SA	Source Address
SA	Sub-address Saparation Assurance
SA	Separation Assurance
SA	Situational Awareness



**SA** Selective Availability

**SA** Satellite

SA Security Architecture
SA Skill Acquisition

**SA** Sand or Dust Storm, Rising Sand

**SA** Steep Approach

**SA FG** Surveillance Architecture Focus Group

**SA/BARS** Situation Awareness Behaviorally Anchored Rating Scales

**SAA** System Application Architecture

**SAA** Special Activity Airspace

**SAAAR** Special Aircrew Aircraft Authorization Required

**SAAM** System for Assignment and Analysis at a Macroscopic Level

**SAAP** Safety for ATM Procedures

**SAAP** Substance Abuse Avoidance Procedure

**SaaS** Software as a Service

**SAASM** Selective Availability Anti Spoofing Module

**SAB** Stakeholder Advisory Body

SABENA Société Anonyme Belge d'Exploitation de la Navigation Aérienne SABET Study of an ATC Baseline for the Evaluation of Team configurations

**SABM** Set Asynchronous Balanced Mode

**SABME** Set Asynchronous Balanced Mode Extended

SAC Single Attached Concentrator SAC Surveillance Architecture Cell SAC Sector Active list (Counter)

**SAC** Source Area Code

**SAC** System Assisted Coordination

**SAC** System Area Code

**SAC** Soling Assistant Controller

SAC System Area Code Strategic Air Command

**SACA** Safety Assessment of Community Aircraft SACADO SASS-C Advanced Development Office

**SACCAN** Sistema ADS/CPDLC en Canarias **SACEUR** Supreme Allied Commander Europe

SACHA Separation and Control Hiring Assessment Supreme Allied Commander Atlantic

**SACMAS** SASS-C Development, Maintenance and Support

**SACMO** SASS-C Management Office

**SACO** Sequence Acknowledgement Communication Object

**SACON** Slovak Aeronautical Communication Network

**SACSO** SASS-C Support Office

**SACTA** Sistema Automatizado de Control del Tráfico Aéreo (ES) (Spanish

Automated ATC System)

**SAD** Speech Activity Detection



**SAD** System Architecture Document

**SADIS** (Swedish) Satellite Distribution System

**SADIS** Satellite Distribution of World Area Forecast System

**SADT** Structured Analysis and Design Technique

**SAE** Society of Automotive Engineers

**SAEC** Safety Assurance and Evidence Collection

**SAF** Safety

SAF System Attachment Feature SaF Safety - EEC business Area

**SAF BD** Safety Enhancement Business Division **SAF-AOI** (Safety) ATM Occurrence Investigation

**SAF-E2I** Detailed ESARR 2 Implementation Training Course

**SAF-E4I** ESARR 4 Implementation Training

**SAF-NSA** Safety - National Supervisory Authority course

**SAF-SAAP** Safety Assessment ATM Procedures

**SAF-SMG** Safety Manager Course

**SAF-SOAM** Systemic Occurrence Assessment Method training course

**SAFA** Safety Assessment of Foreign Aircraft

**SAFEE** Security of Aircraft in the Future European Environment

**SAFER** Safety Analysis Function EUROCONTROL and associated Repository

**SAFER** Safety and Errors **SAFG** Safety Group

SAFI Safety Monitoring for Indicators
SAFI Semi Automatic Flight Inspection

**SAFIRE** (Aeronautical) Spectrum and Frequency Information Resource

**SAFLEARN** Safety Learning for R&D

**SAFMAC** Safety Validation for Major Changes

**SAFMOD** Safety Modelling

**SAFP** Surveillance Avionics Functional Performance

**SAFREP** Safety Data Reporting and Data Flow

**SAFREP TF** Safety Data Reporting and Data Flow Task Force

SAFT Safety Management Team SAG Surveillance Avionics Group SAG Security Access Gateway

SAGA System Safety Approach for General Aviation
SAGAT Situation Awareness Global Assessment Technique

**SAGE** Safety Awareness Group at the EEC

SAI System Architecture Interface
SAI Safety Attribute Inspection

SAICO Swedish Aeronautical Information Computer Aided system
SAIFIT Security Protection and Audit Concept for ATC IT-systems

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Authors: N. Rieck & M.-M. Temme

**SAIP** Single Aeronautical Information Publication

**SAKAERONAVIG** Georgian ANSP

**ATSIA** 



**SAL** Slot Allocation List

**SALADT** Screening Angle and Line-of-Sight Analysis from Digitized Terrain

**SALE** Software Architect's Lifecycle Environment

SALGOS Système d'Aide en Ligne à la Gestion Opérationelle de la Salle (FR) SALIANT Situation Awareness Linked Indicators Adapted to Novel Tasks

SALS Simple Approach Lighting System
SALS Short Approach Lighting System

SALSA Situation Awareness bei Lotsen der Streckenflugkontrolle im

Kontext von Automatisierung(DE) (Situation Awareness of En-route

Air Traffic Controllers in the Context of Automation)

**SALT** Strategic Arms Limitation Talks

SAM Slot Allocation Message
SAM Sequential Access Method
SAM ICAO Area B, South America
SAM Safety Assessment Methodology

**SAMAX** Swiss Airport Movement Area Control System

**SAME** Safety Assessment Made Easier

**SAMHS** Spanish Aeronautical Messages Handling System

SAMM Surface Area Movement Manager
SAMM Surface Area Movement Management
SAMS Special Use Airspace Management System

**SAMSO** Space and Missile Organization - US Air Force Systems Command

**SAMTF** Safety Assessment Methodology Task Force

**SAN** Stochastic Activity Networks

**SAN** Sanitary

SAN Satellite Access Node SAN Storage Area Network

**SAND** Safety Assurance for New Designs

**SANe** Skill Acquisition Network

**SANIS** Safety and Air Navigation Implementation Symposium

SAP Signatories Affairs Office
SAP Second Audio Program
SAP System Access Parameters
SAP Service Access Point

SAP Service Advertisement ProtocolSAP Surveillance Appraisal ProgramSAPI Service Access Point Identifier

**SAPPHIRE** Satellite and Aircraft Database Program for System Integrity

Research

SAPS Situation Awareness ProbesSAPS Staffing and Personnel SystemSAR Segmentation and Reassembly

SAR Search and Rescue
SAR System Access Request



SARSARSynthetic Aperture RadarStand-Alone ReceiverSARASpeed and Route Advisor

**SARGAL** Study for Research and Rescue in Galileo **SARM** Set Asynchronous Response Mode

SARMESet Asynchronous Response Mode ExtendedSARPSignal Automatic Radar Processing (NL)SARPsStandards and Recommended PracticesSARSSevere Acute Respiratory Syndrome

**SARSAT** Search and Rescue Satellite Aided Tracking **SART** Situational Awareness Rating Technique

**SARTS** Safety Related Training Scheme

SAS SESAR and ATM Strategy
SAS Single Attachment Station
SAS Scandinavian Airlines

SAS
Stability Augmentation System
SAS
Surface Antenna Subfield
Single Attached Station
SAS
Safety Assurance System

**SASE** Stand Alone Synchronization Equipment

**SASHA** Situation Awareness for SHAPE

**SASHA\_L** Situation Awareness for SHAPE On-line

**SASHA O** Situation Awareness for SHAPE Ouestionnaire

SASI Support to ANSPs for SMS (Safety Management System)

Implementation

**SASKI** Name of an ATS Route Reporting Point

SASMAS SASS-S Development, Maintenance and Support

SASO System Approach for Safety Oversight
SASP Separation and Airspace Safety Panel
Surveillance Analysis Support System

SASS-A SASS - Airborne

SASS-C DMSS Surveillance Analysis Support System for ATC-Centre SASS-C Development, Maintenance, Support and Services

**SASS-S** Surveillance Analysis Support System/Sensor (Site)

SAT System Acceptance TestSAT Simulation Assessment TeamSAT Site Acceptance Testing

**SAT** Satellite

SAT Software Acceptance Tests
SAT Systems Approach to Training
SAT Site (System) Acceptance Test

**SAT** Saturday

**SAT** Static Air Temperature

**SAT** Security, Awareness, and Training System



**SAT** SEOAT Analytical Team

SAT/I Inter-System System Acceptance Testing
 SAT/O Operational System Acceptance Testing
 SAT/S Stand-Alone System Acceptance Testing
 SAT/T Technical System Acceptance Testing

**SATCAS** Selenia Air Traffic Control Automated System

**SATCNS** Satellite Communications Navigation and Surveillance

SATCNS WG
SATCO
SATCO
SATCO
SATCO
SATCO
SATCOM
SATI
SATI
SATI
SATNAV GNSS
Satellite CNS Work Group
Senior Air Traffic Controller
Signal Automatic Control
Satellite Communications
SHAPE Automation Trust Index
Satellite Navigation Sub-Group

**SATORI** Systematic Air Traffic Operations Research Initiative (US)

Satellite Navigation GNSS

**SATP** Software Acceptance Tests Plan

**SATS** Simulator System for Air Traffic Services

**SATSA** Swedish ATS Academy

**SATNAV GNSS** 

**SAVASI** Simplified Abbreviated Visual Approach Slope Indicator

**SAVES** Strategic Sourcing for the Acquisition of Various Equipment and

**Supplies** 

**SAVVAN** Système Automatique de Vérification en Vol des Aides à la

Navigation (FR)

SAW Surface Acoustic Wave (Filter)
SAWD Surface Acoustic Wave Device

**SAWRS** Supplemental Aviation Weather Reporting Station/Service/System

**SAXFRA** Slovenian/Austrian Cross Border Free Route Airspace

SB Southbound Service Bulletin

SBA Standard Beam Approach (Superseded by ILS)

SBAS Satellite-based Augmentation System
Space-based Augmentation System

SBB Sector Building Block
SBGP State Block Grant Program

**SBIR** Small Business Innovation Research

SBO Sideband Only
SBR Spaceborne Radar

SBRME Set Balanced Response Mode Extended SBS Surveillance and Broadcast Services

SB-S
 SBSR
 Space Based Secondary Radar
 SBT
 Shared Business Trajectory
 SBT
 Self Briefing Terminal
 SCENTION BASED Training



SBT/RBT	Shared Business Trajectory
SBU	Support Business Unit
SBU	Service Business Unit
SBY	Stand-by (Device Status)
SBY	Stand-by Message
SC	Staff Committee
SC	System Controller
SC	Security Council (UN)
SC	Single Click (Mouse Input)
SC	Special Corridor
SC	Soft Copy
SC	Senior Controller
SC	Special Committee
SC	Scale
SC	Sector Coordinator
SC	Standing Committee
SC	Strato Cumulus
SC	Simultaneous Call
SC	Schedules Conference
SC	Self-contained (Type of Landing Forecast)
SC	String Controller
SC	Sector Configuration
SC	Stack Controller
SC [•]	Scale Up: SDD Picture Zoom-out, in Range Intervals of 10nm
SC [¯]	Scale Down: SDD Picture Zoom-in, in Range Intervals of 10nm
SC-116B	Special Committee 116B
SC-135	Special Committee 135
SC-147	Special Committee 147
SC-167	Special Committee 167
SC-186	Special Committee 186
SC-187	Special Committee 187
SC-209	Special Committee 209
SCA	Safety-Critical Activities
SCA	Serial Communication Adapter
SCAA	Servicio de Control de la Circulación Aérea (ES)
SCAA	Swedish Civil Aviation Authority
SCAA	Slovenian CAA
SCADA	Supervisory Control and Data Acquisition
SCALE	Display a Set of SDD Ranges for Scale Selection
SCAMPI	Standard CMMI Appraisal Method for Process Improvement
SCAN	Swiss Control Area Network
SCAS	Surveillance Coverage Analysis Suite
SCAP	System Certification and Accreditation Package
SCAS	Surveillance Coverage Analysis Suite



**SCAT** Supersonic Civil Air Transport

**SCAT** Special Category

**SCAT** Staffing and Cost Analysis Tool

**SCAT-1** Special Category 1

**SCATANA** Security Control of Air Traffic and Air Navigation Aids

**SCATCC** Scottish Air Traffic Control Centre

**SCC** System Control Center

**SCC** Soling Coordinating Controller

**SCC** Satellite Control Centre

**SCCAG** General Air traffic Coordination System

**SCCB** System Change Control Board

**SCCB** Software Configuration Control Board

**SCCM** Senior Cabin Crew Member

SCCO Sector Code Communication Object SCCS Software Configuration Control System

**SCDB** SASS-C db

**SCDT** Selected Controlled Departure Times

**SCEAP** Steering Committee for External Assistance Projects

**SCEPC** Senior Civil Emergency Planning Committee

SCF Surveillance Coordination Function
SCF Standing Committee on Finance
SCF-BP SCF Budget Process Task Force

**SCG** System Concept Group

SCG Stakeholders Consultation Group SCHUKO Schutzkontakt (DE) (Earthing Contact)

**SCIA** Simultaneous Converging Instrument Approach

**SCM** Subcontractor Manager

SCM System Control and Monitoring SCM Signaling Carriage Mechanism

**SCM** Software Configuration Management

SCMM Safety Culture Maturity Model
SCN Surveillance Coordination Network

**SCO** Sector Coordinator

SCOATCCScottish Oceanic Air Traffic Control CentreSCODLScan Conversion Object Description Language

**SCORS** Surveillance Concepts and Operational Requirements

SCP Support Computer Program
 SCP Standard Correction Procedure
 SCP System Control Programming
 SCPC Single Channel Per Carrier
 SCPC Special Connectivity PCs
 SCPG SSR Code Planning Group

**SCPL** Senior Commercial Pilot's License

**SCPS** Satellite Communications Protocol Standard



**SCR** Scroll

**SCR** Sustained Cell Rate

**SCR** Silicon Controlled Rectifier

**SCRAD** Steering Committee for Research, Analysis and Development

**SCRN** Screen

SCRR Service Central des Redevances de Route SCRS Surveillance and Conflict Resolution System

**SCRSP** Surveillance and Conflict Resolution System Panel

**SCS** Squitter cA

**SCS** Sna Character String

SCS Strategy Concept and System
SCS System Concept and Scope
SCSI Small Computer System Interface

**SCT** Scattered

SCT Surveillance Coordination Team
SCT Southern California Area TRACON
SCTA Service du Contrôle du Trafic Aérien

**SCTR** Sector Role

**SCU** Support Computer Unit

**SCU** Satellite Communications Unit

SCU Support CWP-Unit SCU Spoiler Control Unit SCU Support Control Unit SCV Sub-clutter Visibility

**SCVTS** Switched Compressed Video Telecommunications Service

SD Serial Dialing
SD Specialist Domain
SD Special Designator

SD Senior Director, EATM Service Business Unit

SD Surveillance Data
 SD Storage Director
 SD Starting Delimiter
 SD Service Desk

SD Standard DeviationSD Software DevelopmentSD Statistical Display

**SD'xx'** Specialist Domain 'number'

SD/ESC Senior Directorate/European ATM System and Convergence SDA Système de Détection Aéroporté (Airborne Early Warning and

Control Systeme)

SDASDASESAR Deployment AllianceSDASocial Dialogue Assistant

**SDAY** Start DAY



**SDB** Static Data Bank

**SDB** Single European Sky Digital Backbone

**SDBY** Standby

SDC Staff Development Centre
SDC Software Development Centre

**SDCPS** Safety Data Collection and Processing Systems

SDDSynthetic Dynamic DisplaySDDSoftware Design DocumentSDDSurveillance Data Distribution

**SDD** Synthetic Data Display

**SDDLC** System Design and Development Life Cycle

**SDDR-F/RUG** Surveillance Data Distribution Requirements Focus Group/RMCDE

User Group

**SDDS** Surveillance Data Distribution System

**SDE** Smoke Detector

**SDE** (EUROCONTROL) Senior Director, European Air Traffic

Management Program

**SDE** Submission Delivery Entity

**SDE** System Development Environment

**SDER** Sous-direction des études et de la recherche appliquée

SDF
 Simplified Directional Facility
 SDF
 Simplified Direction Finding
 SDF
 Software Development File
 SDF
 Software Defined Network

SDFI Sous-direction des finances de la DSNA SDG Strategic Development Group (ACIG)

**SDG** Sensor Data Generator

**SDH** Synchronous Digital Hierarchy **SDI** Single Document Interface

**SDIS** Switched Digital Integrated Service

**SDK** Software Development Kit

**SDL** Specification and Description Language

**SDL** Standard Distribution List

SDLCSynchronous Data Link ProtocolSDLCSoftware Development Life CycleSDLSSynchronous Data Link ControlSDLSSatellite Data Link SystemSDMSupplementary Data MessageSDMService Delivery Management

**SDM** Systems Development Methodology

**SDM** System Definition Manual

**SDM** Strip Display Management (Psychometric Test for Selection)

**SDM** Serial Dial Module



**SDMIF** Sous-direction de la modernisation, de l'informatique de gestion et

de la formation

SDO Selected Display Option
SDO Static Data Operation

**SDO** Supplementary Display Option

**SDOE** Senior Director Operations and EATCHIP

Software Development Plan **SDP SDP** Simulator Development Program **SDP** Static Data Procedures (AIS) **SDP** Surveillance Data Processing **SDP** Software Development Phase **SDP** Second Development Project Session Description Protocol **SDP SDP** Surveillance Data Processing

**SDP** Service Delivery Point

**SDPD** Surveillance Data Processing and Distribution

**SDPDS** Surveillance Data Processing and Distribution System

**SDPS** Sous-direction de la planification et de la stratégie de la DSNA

**SDPS** Surveillance Data Processing System **SDPTF** Static Data Procedure Task Force

**SDR** System Design Review **SDR** Service Difficulty Report

**SDR** System Documentation Release

**SDRH** Sous-direction des ressources humaines de la DSNA

SDS Surveillance Data Server
SDS Synoptic Display System
Switched Data Service

**SDSSS** Software Development Standard for Space Systems

**SDT** Software Development Testing

**SDT** Support, Development and Training Section

**SDT** Stack Departure Time

SDTDL Saturating Drift Transistor Diode Logic

**SDTF** System Development Task Force

SDTF SYSCO Development TF
SDU Static Data Update message
Support of Display Unit

**SDU** Synoptic Display Unit Satellite Data Unit

**SDUS** Secondary Data User Station

**SDU** Service Data Unit

**SDV** Simulator Development

SE Simulation Engine
SE Software Engineer
SE Strategy Element
SE South - East



**SE** Situational Example

**SE** System Engineering or System Engineer

**SE** Sweden (ISO Country Codes)

SEA Strategic Environmental Assessment Sea South East Asia (ICAO-Region)

SEAC SESAR European Airports Consortium
SEAC Service d'Etat de l'Aviation Civile

**SEAFRA** South-East Axis Free Route Airspace (Croatia, Serbia, Montenegro,

Bosnia and Herzegovina)

**SEAP** South European ADS Pre-Implementation Program

**SEAT** Site Equipment Acceptance Test

**SEB** South-Eastbound

**SEC** Sector

**SEC** Civil Sectors and lower airspace Sectors (LAS)

**SEC** Second Seconds

**SEC** Soling Executive Controller

SEC Sector Map Security

**SEC** Strategic Event Coordination

**SECAM** Safety, Efficiency and Capacity in ATM Methodologies

**SECBR** Severely Errored Cell Block Ratio

**SECCODE** Sector SSR CODE

**SECG** Software Engineering Coordination Group

**SECID** Sector ID (N-FDPS)

**SECM** Safety and Environmental Compliance Manager

**SECN** Section

SecMS (ATM) Security Management System
SECOP Sensor Coverage Planner Tool

**SECRA** Secondary Radar

**SECSI FRA**Free Route Airspace of Croatia, Bosnia-Herzegovina and Serbia-

Montenegro

**SECT** Sector

**SecWG** Information Security Working Group

**SEE** Single Event Effect

**SEE** Software Engineering Environment

**SEE-FABA** South-East Europe Functional Airspace Block Activity **SEEFRA** South East Europe Free Route Airspace project

**SEI** Software Engineering Institute

**SE-IMC** Single Engine — Instrument Meteorological Conditions

**SEL** Sector List Window

SELSingle-event Expose LevelSELSound Exposure LevelSELSector Control List



SEL Page Selection ModuleSEL System Architecture Element

SEL Nsap Selector
 SEL Single Event Level
 SELCAL Selective Calling System
 SELEX Italian ATM Systems Provider

**SELF** Simplified Short Approach Lighting System with Sequenced

Flashing Lights

SelfSelf-paced LearningSELRELSelective Release

**SEM** System Engineering Manager

**SEM** Semaphone Semmerzake

**SEMP** Software Engineering Management Plan

SENL Single-event Noise Level
SENSE Human Factors Program

**SEOAT** Systems Engineering Operational Analysis Team

**SEP** September

SEPSelective Employment PlanSEPSensor Evaluation ProgramSEPSpherical Error Probability

SEP STAR Entry Point
SEP Separation of Aircraft

**SEQ** Sequence

**SEQE-UE** Système d'échange de quotas d'émission (EU Emissions Trading

System - EU ETS)

**SEQG** Software Engineering Quality Group

**SER** Service(ing)(ed)

SERA Standardized European Rules of the Air SerC Software Engineering Resource Center

**SEROS** Semmerzake Radar Operating System (B / Military)

SERT ATM Safety Regulatory Training Program
SES Supplementary Equipment and Services

SES Single European Sky
SES II Single European Sky 2

**SES-SEE** Single European Sky extension to South East Europe

**SESAME** Single European Sky Air Traffic Management (Modernization

Program)

**SESAR** Single European Sky ATM Research (Program)

**SESAR PA** SESAR Program Area

SESAR 2020 Single European Sky ATM Research (2016-2022)
SESFARR Single European Sky Factual Review and Reporting

**SESI** SES Implementation

**SESII** Second Package of the Single European Sky



**SESIM** SES Implementation by the Military

SESS Single European Sky Implementation Support Sess Software Engineering for Secure Systems

**SESY** Service Systems Section (Previous Section of DEVD)

**SET** Initiate a Parameter Change

SET ATM Security Team
SET Spacing Efficiency Tool

**SETA** System Engineering and Technical Assistance

**SETD** Slot Estimated Time of Departure

SEV Software Engineering Unit Severe (Icing, Turbulence)

SEVIS Student and Exchange Visitor ProgramSEW Software Engineering WorkshopSEWG Software Engineering Working Group

**SF** Start Frame

**SF** Finland (ISO Country Codes)

SF Security Flights
SF Surveillance Function

**SF** Scaling Factor **SF21** Safe Flight 21

**SFA** Surveillance Functional Architecture

**SFACT** Service de la Formation Aéronautique et du Contrôle Technique

SFARSpecial Federal Aviation RegulationsSFAR-38Special Federal Aviation Regulation 38SFCSurface (Ground Level / Sea Level)

**SFCM** Social Factors and Change Management

SFDStart Frame DelimiterSFDService Flow DiagramSFESynthetic Flight ExaminerSFGSafety Focus Group

**SFI** Synthetic Flight Instructor

**SFIE** Syndicat des Fonctionnaires Internationaux et Européens (FR)

(Union of International and European Civil Servants (UIECS))

**SFL** Supplementary Flight Level

**SFL** Safe Forced Landing

SFLA SFL Above
SFLA Assign SFL
SFLB SFL Below

**SFM** Simulation Facility Management

**SFMC** Sickness Fund Management Committee

**SFOR** Stabilization Force (Sarajevo)

SFPL System Fight Plan
SFPL Short Flight Plan

**SFS** Start of Frame Sequence



SFT	Simplified Fast Time Simulations
SFT	System File Table
SG	Safety Group
SG	Sub-Group
SG	Snow Grains
SG	Sector Group
SGAMI	Select Group for Assessing Manpower Issues
SGB	State Governance Body
SGBD	Système de Gestion de Base/Banque de Données
	(Database/Databank Management System (DBMS))
SGC	Swept Gain Control
SGCAS	Study Group on Certification of Automatic Systems
SGEG	Surveillance Ground Environment Group
SGI	Silicon Graphics Incorporated
SGL	Signal
SGMAN	Stand and Gate Manager
SGML	Standard Generalized Markup Language
SGN	Signal Generator
SGR	Study Group for Route Charges
SGS 85	Sovietic Geodetic System
SGSI	Subsystema Grabador y Servidor de Información (ES) (Recording
CII	and Data Server Sub-system)
SH	Sub-Header
SH	Shower
SH	Session Header
SHA SHACC	Safety Hazard Analysis
SHANDAP	SHAPE Airspace Coordination Centre Shannon-Data Processing (System)
	<u> </u>
SHAPE SHAPE	Solutions for Human-automation Partnerships in European ATM Supreme Headquarters Allied Powers Europe
SHEL	Software, Hardware, Environment, Liveware
SHELL	Software, Hardware, Environment, Liveware
SHF	Super High Frequency
SHIELD	Safety Through Harmonized Implementation of European Local
JIIILLD	Databases
SHK	Statens haverikommission (Swedish Accident Investigation
Siik	Authority)
SHL	Saville and Holdsworth Ltd.
SHO	Software Hand-Over
SHOM	Software Hand-Over Meeting
SHORAN	Short-Range Navigation
SHPO	State Historic Preservation Officer
SHRP	Strategic Highway Research Program
SHS	Special Headset
	- I

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Authors: N. Rieck & M.-M. Temme



SHT	Statens havarikommisjon for Transport (Accident Investigation
	Board Norway, AIBN)
SI	Sector Indicator
SI	Situational Interview
SI	Surveillance Identity
SI	Software Integrator
SI	Système international (International System of Units)
SI	Surveillance Identifier
SI	Sistemi Integrati (ITA)
SI	Selective Interrogator
SI	Slovenia, Republic of Slovenia
SI	Shift In
SI-Code	Surveillance Identifier Code
SI-Code	Surveillance Interrogator Code
SIA	Semiconductor Industry Association
SIA	Safety Improvement Area
SIA	Service d'Information Aéronautique
SIAM	Service Integration and Management
SIAP	Standard Instrument Flight Procedure
SIB	Strategic IT Board
SIB	Safety Information Bulletin
SIBT	Scheduled In-block Time
SIC	Sector Intercom
SIC	Safety Information Communication
SIC	Source Identification Code
SIC	System Identification Code
SIC	Subject Indicator Code
SIC	Sector Inactive List (Counter)
SIC	Sector Intercom Function
SIC	Service Initiation Charge
SICAS	SSR Improvements and Collision Avoidance System
SICAS/6	SICASP Panel Meeting No. 6
SICAS/7	SICASP Panel Meeting No. 7
SICASP	SSR Improvements and Collision Avoidance Systems Panel (ICAO)
SICASP/5	SICASP Panel Meeting No. 5
SICASP/6	SICASP Panel Meeting No. 6
SICCAP	Système Intégré de Commande et de Contrôle Aérien du Portugal (FR)
SICT	System Implementation Coordination Team
SICTA	Italian Consortium for the Applied ATM Research
SID	STATFOR Interactive Dashboard
SID	Standard Instrument Departure
SID	Specification for Information Disclosure
SID	Service Identification Document



SID Subject Interface Document

**SID** Station Identifier

**SIE** Standard Interface Equipment

**SIF** Successor IFF

**SIF** Selective Identification Feature

**SIFP** Single Initial Flight Plan

SIG Significant Significant Point

**SIG-P** Special Interest Group, Peripherals Esprit

**SIGMA** Systemintegreging Gemensam Maskinvara (SE) (System Integration

in Common Hardware)

**SIGMA** Système informatique de gestion des mouvements aéroportuaires

**SIGMA** SDO Input Guidance Manual

Sigma (Greek Letter, Upper Case) Symbol for Sum

Sigma (Greek Letter, Lower Case) Symbol for Standard Deviation

**SIGMET** Significant Meteorological information

SIGWX Significant Weather Sector Inbound List

SILSector Inbound List WindowSILSurveillance Integrity LevelSILSafety Integrity LevelSIMSimulator Sub-system

SIM Security Incident Management
SIM Subscriber Identity Module
SIM Sensor Interface Module
SIM Set Initialization Mode

**SIM** Simulator

**SIM-5** Simulation Modernization Project

SIMARTAS ARTAS CSCI Simulator of an ARTAS User
SIMC Sickness Insurance Management Committee

SIMC Simulator Control SIMD Simulator Data

**SIMEX** Simulation and Experiment (CFMU)

**SIMEX** Simulation expeditor

**SIMM** Single In-line Memory Module

**SIMM** Symbolic Integrated Maintenance Manual

**SIMMOD** Simulation Model

SIMMOD Airspace and Airport Simulation Model
SIMOS SDDS Maintenance and Operational Support
SIMP CFMU System Incident Management Procedure

**SIMPLE** SIP for Instant Messaging and Presence Leveraging Extensions

SimulSimulationSIMULSimultaneous(ly)

**SINAD** Signal-to-Noise Ratio and Distortion



**SINTAC** Système Intégré d'Identification, de Navigation, de Contrôle de

Trafic, d'Anticollision & de Communication (FR)

SIO Sector Input Operator (MAS Ops Room)

**SIOP** Sector Input Operator Position

Society for Industrial and Organizational Psychology, Inc. **SIOP** 

Session Initiation Protocol SIP Single In-line Package SIP

SIP Slot Improvement Proposal Message (CFMU)

SIP SMDS Interface Protocol SIP State Implementation Plan

Controller Working Position employing SIP SIP-CWP

SIP interoperability tests **SIPit** Single In-line Pin Package **SIPP** 

**SIPPING** Session Initiation Protocol Investigation

**SIR** Serveur d'Information Radar (Radar Information Server)

Serveur d'Information Réseau SIR

SIR Stakeholders Information Repository Screening Information Request SIR

Safety Issue Rectification **SIRE** 

Système d'information des ressources humaines (FR) **SIRH SIRO** Simultaneous Intersecting Runway Operations

**SIROCCO** Study of the Impact of Revised Operational Concepts on the

CNS/ATM ODP Model

**English Standard for Documentation** SIS

Special Information System SIS

Stakeholders Implementation Support SIS

SIS **Support Information Systems** 

SIS Signal in Space

Schengen Information System SIS Screen to Screen Coordination **SISCO** Safety Improvement Sub-group SISG

System Integration Team SIT Slot Issue Time Parameter SIT SIT Subsystem Integration Test **SIT** System Implementation Team ( Software Integration Test SIT

**SIT 1-3** Slot Issue Time 1-3

**SITA** Société Internationale de Télécommunications Aéronautiques

(Airline Telecommunications and Information Service)

Simulator for Transportation, Analysis and Planning **SITAP** 

**SITATEX** Software developed by SITA

Systems Integration and Test Department **SITD** 

**SITP** Software Integration Test Plan Single Isolated Wheel Load **SIWL** 



SJA	Strategic Job Analysis
SJU	SESAR Joint Undertaking
SJU PSO	SJU Project Support Office
SK	Slovakia (Country Identifier)
SK	Station Keeping
SKC	Sky Clear
SKED	Schedule
skeyes	Belgocontrol (renamed in 2018)
SKI	Ski (Winter) seasonal Traffic Flows
SKIP	Skip a Sector
SKPI	Safety Key Performance Indicator
skyguide	Air Navigation Service Provider Switzerland
SLA	Site-level Aggregation
SLA	Service-level Agreement
SLA	Stochastic Lockout Acquisition
SLAP	Slot Allocation Procedures
SLAR	Side-Looking Airborne Radar
SLB	Sidelobe Blanking
SLBM	Submarine Launched Ballistic Missile
SLC	Side Lobe Cancellation
SLC	Synchronous Link Control
SLC	Slot Cancellation Message
SLD	Sector Load Diagram
SLD	Subscriber Line Digital
SLDT	Scheduled Landing Time
SLEP	Long Range Radar Service Life Extension Program
SLEP	Service Life Extension Program
SLHW	(CFMU) Second Line Hardware
SLI	Minimum Climbing Sector Entry Height
SLI	Supplementary Level Inbound
SLIC	Subscriber Line Interface Card
SLIC	Software Lifecycle
SLIP	Serial Line Internet Protocol
SLM	Standard Length Message (Mode-S)
SLM	Sound Level Meter
SLO	Minimum Non-level Flight Sector Exit Height
SLO	Supplementary-level Outbound States Liaison Office / Officer
SLO SLOA	
SLOA	Stochastic Lockout Acquisition Stakeholders Line of Action
SLOC	Source Line of Code
SLOC	Strategic Lateral Offset Procedure
Slot	An Arrival or Departure Time Window Reserved for a Flight
SLP	Speed Limiting Point
JLF	Speed Limiting Form



SLP	Sea Level Pressure
SLR	Satellite Laser Ranging
SLS	Service Level Specification
SLS	Side-lobe Suppression
SLT	Slot Allocation
C. T	C

SLT Scheduled Landing Time
SLV Statens Luftfartsvaesen

**SLW** Slow

SLW Sector Load Window Selected Label Window

SM System Management Suspense Message SM SM Stack Manager Segment Manager SM SM Security Manager Systems Management SM Surveillance Map SM Statute Mile SM

SMA Spectrum Management Activities
SMA Surface Movement Advisor

**SMA** Surface Monitor Aid

SMAA Study for Mediterranean Area ADS
 SMAE Systems Management Application Entity
 SMAG Safety Management Advisory Group

SMAN Surface Manager SMAN Surface Management

**SMAP** Systems Management Application Process

SMART Specific, Measurable, Agreed, Relevant (or Realistic), Timely SMART Simulator for Multi-radar Analysis for Realistic Traffic

**SMART** System Monitoring And Revision Team **SMART** Self-Managed Arrival Resequencing Tool

SMART Senior Management Refresher Training Program
SMAS STATFOR Medium-term Forecast Access System

**SMAS** Service Mobile Aéronautique par Satellite (Satellite Mobile

Aeronautical Service)

**SMATSA** Serbia and Montenegro Air Traffic Services Agency

SMAW Safe Minimum Altitude Warning
SMC Systems Management Concept
SMC System Management Centre
SMC Station Monitoring and Control
SMC Surface Movement Control
SMC System Monitoring Computer
SMD Surface-Mounted Device

**SMD** Storage Module Device (Interface)



**SMDE** Software Maintenance and Development Environment

SMDR
 SMDS
 Switched Multimegabit Data Service
 SMDS
 Switched Multimegabit Digital Service

**SME** Systems Management Entity

**SME** Subject Matter Expert

**SMED** Single Minute Exchange, or Die

SMEQ
 SMF
 System Management Function/Facility
 SMG
 System Management Group of the AAG
 SMGC
 Surface Movement Guidance and Control

**SMGCS** Surface Movement Guidance and Control System

**SMGET** Surveillance Map Generator

**SMHI** Swedish Government-owned (Civil) MET Institute

**SMI** Structure of Management Information

**SMI** Stakeholder Relations Management and International Coordination

**SMI** Standard Message Identifier

**SMICG** Safety Management (Systems) International Collaboration Group SMIDTS Synthetic Moving's Image Didactic / Tower Control Simulator

**SMIME** Secure MIME

SMIP Simple Management Information Protocol
 SMIP Safety Measure and Improvement Program
 SMIP Small and Medium Size Infrastructure Projects
 SMIS Specific Management Information Services
 SMITF Safety Monitoring and Improvement Task Force

**SMM** Slot Missed Message

**SMM** Software Management Meeting

SMMSector Monitor MessageSMMSafety Management ManualSMMSafety Managers Meeting

**SMMC** System Maintenance Monitor Console

SMOSystem Management OfficeSMPSoftware Maintenance PlanSMPA proposed Evolution of SNMPSMPSimple Management ProtocolSMPSESAR Safety Management Plan

**SMPDU** Service MPDU

**SMPS** Sector Maintenance Processor Subsystem

SMPT Simple Mail Transfer Protocol
 SMR Surface Movement Radar
 SMS Surface Movement System
 SMS Switching Management System

SMS System Manager System
SMS Service Monitoring System



SMS Safety Management System
SMS Short Message Service

**SMS** System Manager Station (Hardware)

SMS Surface Management System
Service Management System

**SMSS** Surface Movement Surveillance System (Airports)

SMSTR
 SMT
 Shared Mission Trajectory
 SMT
 Station Management
 SMT
 Simple Message Text
 SMT
 Standard Message Text

SMT Schedule Management Toolset
SMTP Simple Mail Transfer Protocol

SMU Social & Medical Unit SMX Sub-Multiplexer

SMX Sub Multiplexer

**SN** Subscriber Number

**SN** Snow

SN Subnetwork
SN System Notam
SN Sub-network
SN Sequence Number
SN Signal-to-Noise
SN Safety Net

**SNA** Systems Network Architecture

**SNA** Satellite Navigation

**SNA** System Network Architecture (IBM Network)

**SNA** Satellite Navigation Application

**SNA-RP** Service de Navigation Aérienne - Région de Paris

**SNAc** Subnetwork Access

SNACFSubnetwork Access FunctionSNACPSubnetwork Access ProtocolSNACPSub-Network Access Protocol

**SNADS** Systems Network Architecture Delivery System

**SNAP** Standard Network Access Protocol

SNASSatellite Navigation Augmentation SystemSNASGSatellite Navigation Applications Sub-groupSNCSmall-scale aeronautical Navigation Chart

**SNC** Sub-network Connect

**SNDC** Subnetwork Dependent Convergence

**SNDCF** Subnetwork Dependent Convergence Function/Facility

**SNDCP** Sub-Network Dependent Convergence Protocol

**SNET** Safety Net

**SNICF** Subnetwork Independent Convergence Function



**SNICP** Subnetwork Independent Convergence Protocol

**SNIR** Signal to Noise Ratio

SNM
 Sub-Network Management
 SNME
 Subnetwork Management Entity
 SNMP
 Simple Network Management Protocol

**SNOCLO** Closed due to Snow

**SNOTAM** Snow Notification to Airmen

**SNOWTAM** Notam on Snow Conditions (Message Containing Snow Fall

Information)

**SNP** Specified Navigation Performance SNPA Subnetwork Point of Attachment

**SNPDU** Subnetwork Dependent Protocol Data Unit

**SNR** Signal-to-Noise Ratio **SNR** Flatbed Scanner

**SNR** Sequence Number of Received Packet

**SNRM** Set Normal Response Mode

**SNRME** Set Normal Response Mode Extended

SNSSub-network ServiceSNSSub-network Source

**SNSDU** Sub-network Service Data Unit

**SNSH** Snow Showers

**SNT** Staffed NextGen Tower

**SNTP** Simple Network Time Protocol **SNVN** Subnetwork Version Number

**SO** Safety Objective

**So** The Present (Undesired) State

**SO** Standards Office

**SO** Shift Out

SO Strategy OfficerSO Specialist ObjectiveSOA Safety Oversight Audit

**SOA** Service-oriented Approach / Architecture (SESAR)

**SOAM** Systemic Occurrence Assessment Method

**SoaML** Service-oriented architecture Modelling Language

SOAPSimple Object Access ProtocolSOARSystem of Airports ReportingSOBTScheduled Off-block Time

**SOC** System / Sector Operations Centre

**SOC** Start of Climb

SOC Service Operations Center SOC Service Oversight Center

**SOCS** Safety Objective Classification Scheme

**SODAR** Sound Detection and Ranging



**SODPROPS** Simultaneous Opposite Direction Parallel Runway Operations

**SOE** Software Engineer

**SOF** Stand-alone Operations Facility

**SOFA PfP** Status of Forces Agreement Partnership for Peace

**SOFIA** Sequentially Outlining and Follow-up Integrated Analysis **SOFREAVIA** Société Française d'Etudes et de Réalisations d'Equipments

Aéronautiques (FR)

**SOG** System Operator Guide

**SOGITS** Senior Official Group in IT Standardization

**SOH** Start of Header

SOI Supplementary Operating Instruction
SOIA Simultaneous Offset Instrument Approach

**SOIR** Simultaneous Operations on Parallel (or Near-parallel) Instrument

Runways

**SOIWR** Simultaneous Operations on Intersecting Wet Runways

SOL Sector Outbound List SOM Start of Message

**SONAR** Sensing, Openness, Non-judgment, Assessment, Resolution

**SONET** Synchronous Optical Network

SOOD Safety Oversight Overview Document SOP Standard Operating Procedure/Practice

**SOP** Start of Picture

**SOP** System Operation Procedure

**SOR** State of Readiness

SORA Safety Oversight / Occurrence Reporting and Assessment SORA Safety Occurrence Reporting and Assessment in ATM Function Combining Sarp and Madap Flight Plan Data

**SOS** Systems Operations Section of England

SOSGSafety Oversight Study GroupSOSTScheduled on Stand TimeSOTSector Opening Times

SOTA South Oceanic Transition areaSOTA Sector Opening Times ArchitectSOTA Shannon Oceanic Transition Area

**SOV** Storage Operating System and Virtualization

**SOV** System Operations Validation

**SOW** Statement of Work

SP Supervisory Packet
SP Special Point

**SP** Special Purpose Indicator

**SP** Safety Promotion; Safety Publication

SP Significant Point
SP Standard Precision

**SP** Space



SP Special Designator
SP Service Provider

SP Special Purpose IndicatorSP Succession PlanningSp Ground Speed

SP System Parameter (Madap)SP Surveillance ProcessingSPA Special Procedure Airspace

**SPA** Slot Proposal Acceptance Message

**SPA** Specific Approval

**SPACDAR** Specialist Panel on Automatic Conflict Detection and Resolution SPACE Study and Planning of AMHS Communications in Europe

**SPADE** SNMP Proxy Agent Device

**SPADE** Supporting Platform for Airport Decision-making and Efficiency

**SPAF** Strategic Performance Analysis and Forecast

**SPAM** Situation Present Assessment Method Sparc Scaleable Processor Architecture

SPAS Sensor Performance Analysis Standard System Performance Analysis System

SPC
 SPC
 Surveillance Product Centre
 SPC
 Spectrum Management
 SPC
 Statistical Process Control

**SPCCO** Sector Planning Conflict Communication Object

**SPD** Speed

**SPD** Software Product Description

**SPD** Speed

**SPDA** Surveillance Data Processing System Processing Delay Analysis

**SPDS** Surveillance Data Processing System

**SPDU** Squitter PDU

**SPDU** Session Protocol Data Unit

**SPE** Special codes (SSR)

**SPECI** Aviation Selected Special Weather Report (In Meteo Code)

**SpecTRM-RL** Specification Tools and Requirements Methodology - Requirement

Language

**SPES** Single Plan European Sky

**SPF** Scratch Pad Field

**SPF** Standard Precision Format

SPF Strategic Performance Framework
 SPF Structured Planning Framework
 SPF System Productivity Facility
 SPG Spectrum Protection Group
 SPG SRC Strategy and Policy Group

**SPG** Special Planning Group



SPI Special Position Identification

SPI Special Pulse (Position) Identification SSR

SPI Special Position Identification SSR

SPI Special Protocol Identifier **Special Position Indicator** SPI SPI Special Pulse Identification

Surveillance Performance and Interoperability Implementing Rule **SPI IR** 

**SPICE** Synchronised PBN Implementation Cohesion Europe

Standardised Communication Protocols to support Intra-centre **SPICSY** 

Communications Between ARTAS Systems

**SPIFR** Single Pilot IFR

**SPIN** Safety Nets Performance Improvement Network

Safety Nets Planning Implementation or Enhancements Task Force, **SPIN-TF** 

SPIN Task Force

**SPIRITS** Service in the PSTN/IN requesting Internet Services

Specific Pre Implementation Safety Case **SPISC** 

System Flight Plan **SPL** Sailplane Pilot License **SPL** 

**SPL** Sarp Plain Language Message

**SPL** Student Pilot's Licence

**SPL** Supplementary Flight Plan (Message Type Designator)

**SPM** Source Program Maintenance

Special Message **SPM** 

Standards Program Management Function **SPMF** 

Software Project Management Plan **SPMP** Spare Part Management System **SPMS** 

**SPN** Short Plan

**SPN** Safety Promotion Network

**SPN** Stochastic Petri Nets Special Project Office **SPO** Single Pilot Operations **SPO** Specialized Operations **SPO** Strategic Plan of Operation **SPO SPOC** Single Point of Contact

South Pacific Operations Manual **SPOM** 

Simultaneous Peripheral Operation On-line **SPOOL** 

Specialist Panel on Operational Research and Analysis **SPORA** Surveillance Products and Open Source Software **SPOSS** 

**SPOT** Spot Wind

**SPP** Service for Protection and Prevention

**SPPAT** Strategic Planning and Performance Assessment Tool

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**SPR** Strip Printer

Safety and Performance Requirements **SPR** 

**SPR** Service Provision Regulations



SPR BD SPRINT SPS SPS SPS SPS-UFIG	Sector Productivity Business Division Strategic Program for Innovation and Technology Transfer STDMA/VDL Mode 4 Performance Simulator Siemens Plessey Systems Standard Positioning Service Surveillance Products and Services User Funding Implementation Group
SPSD SPSG	Static Pairwise Separation for Departures Spectrum Protection Steering Group
SPSS SPT	Statistical Package for the Social Sciences Separation Performance Tool
SPT	Sectors Per Track
SPT	Safety Promotion Task
SPT	Strategic Planning Team
SPX	Sequenced Packet Exchange
SQ	Squall
sq-cm	cm <sup>2</sup>
sq. in.	Square Inch
SQA	Software Quality Assurance
SQE SQL	Software Quality Engineer Structured Query Language
SQL	Squall Line
SQM	Signal Quality Monitoring
SQM	Surveillance Quality Monitoring
SQP	Signal Quality Parameter
SQS	Safety, Quality and Security Manager
SQS	Safety, Quality Management and Standardization
SQSM	Safety Quality Security Manager
SQU	Squelch
SQWK	Squawk
SR	Status Report
SR	System Restart
SR SR	Slovak Republic (ICAO Country Code) Study Report
SR	Sunrise
SR	Standard Route
SR	Software Requirements
SR/R	Software Requirements Review
SRA	Strategic Research Agenda
SRA	Safety Risk Assessment
SRA	Surveillance Radar Approach
SRAM	Static RAM
SRAP	Sensor Receiver and Processor
SRB	Solid Rocket Booster



**SRBP** Synthetic Resin Bonded Paper **SRC** Safety Regulation Commission

**SRC** Source Reference

SRD System (or Software) Requirements Document

SRD Software Requirements Document
SRD System Research and Development

SRDTF System Research and Development Task Force SRE Surveillance Radar Element of Par System

**SRE** Slant Range Error **SREJ** Selective Reject

SRG Software Requirement Group
SRG Safety Regulation Group

**SRG** Short Range

**SRGM** Software Reliability Growth Model

SRI Stanford Research InstituteSRI System Replay and InvestigationSRI Inertial Reference System

**SRIA** Strategic Research and Innovation Agenda

**SRJ** Slot Proposal Rejection message

**SRK** Skill-rule Knowledge

**SRM** System Reconfiguration Memory

SRM Sector Revision Message
 SRM Safety Risk Management
 SRM Slot Revision Message
 SRM Software Reliability Model

**SRM** Stakeholder Relations Management Stakeholder Relations Management

**SRM** Safety Risk Management

SRMSingle Pilot Resource ManagementSRMDSafety Risk Management DocumentSRMDMSafety Risk Management MemoSRPSignificant Reporting Point

SRP Slot Reference Point
SRP Slot Revision Proposal
SRP Spacing Reference Point

**SRPI** Server/Requester Programming Interface

**SRQ** Slot Request

SRR Search and Rescue Region
SRR Slot Revision Request

SRRSystem Requirements ReviewSRSSegment Request Sub-fieldSide Receiving Station

SRS Schéma d'acheminement standard (FR)
SRS Software Requirement Specification



CDC	Ctandard Dayting Caharas
SRS	Standard Routing Scheme
SRS	Shuttle Reservation System
SRSG	Safety Regulation Sub-group
SRT SRT	Single Radar Tracker
SRT	Source Route Transparent Slot Reference Time
SRT	Sort Routine
SRTM	
SRU	Shuttle Radar Topography Mission Shop Replaceable Unit
SRV	Server (Software)
SRY	Secondary
SS	Session Service
SS	Server (Hardware)
SS	Server System
SS	System Start
Ss	Seconds
SS	Sunset
SS	Sector Supervisor
SS	Supervisory Subset
SS	Sand Storm
SS-CI	Supplementary Service- call Intrusion
SS-CPI	Supplementary Service- call Priority Interrupt
SS-CPIP	Supplementary Service-call Priority Interrupt Protection
SS7	Signaling System Number 7
SSA	Smallest Space Analysis
SSA	Software Support Administration
SSA	Structured System Analysis
SSA	System Safety Assessment
SSA-DG	Operational Requirements for System Support to ASM Drafting
	Group
SSADM	Structured System Analysis and Design Method
SSALF	SSALS with Sequenced Flashers
SSALR	Simplified Short Approach Lighting System
SSALS	Simplified Short Approach Lighting System
SSAP	Session Service Access Point
SSAP	Source Service Access Point
SSAP	Strategic Safety Action Plan
SSAS	Surveillance Support Analysis System
SSB	Single Side Band
SSBA	Service spécial des bases aériennes (FR)
SSBA	Suite Synthétique de Benchmarks de l'AFUU (FR)
SSC SSC	Supplementary Service Control
SSC	Single Sky Committee Supervision Component
<b>33C</b>	Supervision Component



**SSC** System Support Center

Safety Standards Consultative Committee

SSCP System Services Control Point
SSCVR Solid-State Cockpit Voice Recorder

SSD Synthetic Situation Display
SSD System Support Directive

SSDD System/Segment Design Document SSDG Surveillance Strategy Drafting Group

SSE Session Service Data Unit
SSE Sum of Squared Errors
SSE Specific Service Entity
SSE South-South-East

**SSE** Safety Significant Event Scheme

SSEA Surveillance Data Processing System Systematic Error Analysis

**SSEC** Static Source Error Correction

**SSEP** Self-separation

**SSF** Software Safety Folder

**SSFDR** Solid-state Flight Data Recorder

SSG Service Steering Group
SSG System Sub-group

**SSGHI** Surveillance Sub-group on Harmonization and Implementation

SSGS Surveillance Sub-group on StandardsSSGT Surveillance Sub-group on ToolsSSH Safety, Security and Human Factors

SSI Site System Inspection
SSID Station Slot Identifier

**SSIM** Standard Scheduling Information Manual

**SSL** Secure Socket Layer

SSM System Surveillance and Maintenance SSM Safety and Security Management

SSM Servicing Security Element
SSM System Support Modification

**SSM BD** Safety and Security Management Business Division

**SSMA** Spread Spectrum Multiple Access

**SSN** Sun Spot number

**SSND** Satellite Sub-network Dependent

**SSNDP** Satellite Sub-network Dependent Protocol

SSO
 SSO
 STAR Support Office
 SSP
 State Safety Program
 SSP
 System Security Policy

SSP State Safety Program; State Safety Plan

SSP Source Selection Panel Secondary Spare Part

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SSP Sole Source Procurement SSPA Solid State Phased Array

SSPSG Structures for Service Provision Sub-group (High-Level Group Single

European Sky (EU))

SSR Secondary Surveillance Radar

**SSR** Solid State Relay

SSR Mode S Software Specification Review Mode-S Selective Address SSR

**SSR-CF** SESAR Safety Regulation Coordination Function **SSRBRIGH** Create Track and Intensify Position Symbol and Label

**SSRBRIGH** Highlight Set Code to Target (Input)

**SSRC** Current SSR Code

SSRCI Synchronization Source Identifier
 SSRWG Systems Safety Risk Working Group
 SSS System Segment Specification
 System/Segment Specification

SSS Surveillance Status Subfield

Source Select Switch

SSSAR
 System Safety Security Assessment Report
 Safety Supervisory Steering Committee
 SSSO
 Specialized Satellite Service Operators

**SSSP** EU Sub-group on Structures for Service Provision

**SSSP** System Selection Switch Panel

**SST** Supersonic Transport

SST System Shakedown Testing

SSTD System Segment Test Description
SSTF Surveillance Standard Task Force
SSTL Surrey Space Technology Limited

Space Surveillance and Tracking System

**SSU** Subsequent Signal Unit

SSUP Sector Supervisor
SSV Sub-system Validation
SSW South-South-West

**SSWG** System Support Working Group

STStandard TimeSTSystem TestingSTSpecialist Task

**ST** Saint Stratus

**ST** Supervisory Type

ST
ST
Short-Term
ST
Specialist Task
ST
Subjacent Tracked



ST Standard Paths
ST Special Task

**ST&E** Security Test and Evaluation

**ST-ICD** Short-term Interface Control Document

**ST/I** System Testing - Interoperability

**STA** Statistics

STA Scheduled Time of Arrival STA Straight-in Approach

STA Staggered Threshold Approach
STAC Second Time Around Clutter

**STAIRS** Storage and Information Retrieval System

**STALO** Stable Local Oscillator

**STAM** Short-Term ATFCM Measures

STAMP Site Transition Activation Management Plan
 STAN Standard Changes and Standard Repairs
 STANAG NATO Standardization Agreement

STANAG NATO Standardization Agreement

**STANINE** Standard Nine Score **STANLY** Statistics and Analysis

**STANS** Simulation of a Total Air Navigation System **STAPES** System for Airport Noise Exposure Studies

**STAR** Surface to Air Recovery

**STAR** Système de Traitement des Archives et Redevances (FR)

STAR
 Star
 Star
 Safety Target Achievement Roadmap
 Star
 Studies, Tests and Applied Research

**STAR** Sistema Telegráfico Automático de Retransmissão (PoAF) (PT)

**STAR** Standard Instrument Arrival

**STAR** Self Test and Repair

**STAR** Standard Terminal Arrival Route **STAR** Standard Terminal Arrivals

STARS
 STARS
 STARS
 Standard Terminal Automation Replacement System
 START-OVER
 Process of putting in action the COLD-STANDBY

**STAT** Statistics **STAT** Static Maps

**STAT** Second Time Around Targets

**STATE** Military, Customs or Police Flight (Flight Plan Status Indicator)

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Authors: N. Rieck & M.-M. Temme

**STATFOR** EUROCONTROL Statistics and Forecasts Service

**STATS** Statistics

**STAY** Time Spent in an Area (STAY Area) **STB TF** Short-term Benefits Task Force

**StBf** Structured Briefing

**STBY** Standby (Transponder Operating Mode)



**STC** Steering Committee

**STC** Simulation Technical Coordinator

STC Shape Technical Centre (NATO, The Hague)

STC Short Time Constant STC Sensitivity Time Control

STC Supplemental Type Certificate
STCA Short-term Conflict Alert
STCD Short-term Conflict Detection
STCW Short-term Conflict Warning
STD Software Technical Designer
STD Software Test Description

STD Standard (Label)

**STD** Software Transfer Document

**STD** Standard

**STD** Synthetic Training Device

STD Standard Deviation
STD State Transition Diagram
STD Scheduled Time of Departure
STD Subscriber Trunk Dialing
StDf Structured Debriefing

**STDM** Statistical Time Division Multiplex

STDMASelf Organizing Time Division Multiplex AccessSTEADESSafety Trend Evaluation and Data Exchange SystemSTEMScience, Technology, Mathematics and EngineeringSTEPSocial, Technological, Environmental and Political

**STF** Selection Task Force

**STF** Stratiform

STF Short-term forecast Sub-network Test Facility

**STF** Stratiform

**STF ARTAS** Surveillance Task Force on ARTAS Development

**STF-SDPS** Surveillance Task Force on Surveillance Data Processing Systems

STFAD Surveillance Task Force on ARTAS Development
STFAP Surveillance Task Force on the Appraisal Program

**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

**STFSPAS** Surveillance Task Force on the Sensor Performance Analysis

Standard

**STFTE** Special Task Force of Training Experts



Surveillance Task Force on Transponder Verification **STFTV** 

**STG EUROCONTROL Standards Group** Synthetic Training Instructor STI

**STIP** Système Central de Traitement Initial de Plans de vol (FR)

Software Template Library **STL** 

ATS Selection Training and Licensing Panel **STLP** 

Synchronous Transport Mode **STM STM** Surface Traffic Management

Special Traffic Management Program (US) **STMP** 

Statistical Data Multiplexer **STMUX** Subtask No. for the MC Module **STN** 

**STN** Station

Service technique de la navigation aérienne (Air Navigation **STNA** 

Technical Service)

**STNR** Stationary

Scientific and Technological Options Assessment **STOA** 

Short Take-off and Landing **STOL** 

Software Tool for Online Recording and Interactive Analysis **STORIA** 

**STORIA** Simulation Tool for Online Recording and Analysis

Scheduled Take-Off Time **STOT** 

**STP** Software Test Plan (MAS/DFS - ODS) **STP** Standardized Training Package

Shielded Twisted Pair **STP** 

**STP** Surveillance Transmit Processing Subsystem

**STP** Spanning Tree Protocol

Service du Traitement automatique des Plans de Vol (F-FPPS) **STPV** 

Service du Traitement des données Radar (F-RDPS) **STR** 

**STR** Software Test Report (ODS) **STR** Secure Transaction Recorder

**STR** Strategic System

System Technical Release **STR** 

Strategic System STR (STRAT)

Simplified Trajectory Generator **STRANGE STRAT** Strategic Planning System (CFMU)

Strategic System **STRAT** 

Surveillance Strategy Task Force **STRAT-TF** 

CFMU Strategic Planning Meeting (CFMU) **STRATPLAN** 

Specific Targeted Research Project **STREP** 

Software Training Plan **STRGP** 

Système de Traitement, d'Identification et de Visualisation des **STRIDA** 

Données de la Défense Aérienne (FR)

Support to States (EUROCONTROL) (replaced by SIS - Stakeholders StS

Implementation Support)

**STS** Status



**STS** Stand-by Telephone System

**STS** System Status Status Indicator STS

Standby Telephone System **STS** Status (Coordination) STS Status Modification **STSMOD** Delay ac (input) **STSMOD** 

Studies, Tests and Trials (same as STAR) STT

**STT** Staffing to Traffic

Scheduled Time to Turnround **STTT STU** Selected Trajectory Update

**STUD** Innovative studies **STW** Slot Tolerance Window

**STWG** Special Technical Working Group (EUROCONTROL Management

and Trade Unions)

Stop-way Lights **STWL** 

Small Tower Voice Switch **STVS** 

Start of Text STX SU Soviet Union SU Summer Time SU Signal Units

**SUA** Special Use Airspace

Single Unified ATM System **SUATMS** 

Sub-addressing **SUB SUBJ** Subject to ... Start-up Controller **SUC** 

Surveillance analysis and Calibration Tools **SUCT** 

System Under Description **SUD** Surveillance data Processing **SUDP** 

**SUF** Service Units Forecast

Surveillance User Group on Centre Tools **SUGCT** Surveillance User Group - Sensor Tools **SUGST** 

**SUID** Set User ID

Software User Manual SUM

Software Usability Measurement Inventory **SUMI** 

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**SUN** Sunday

**SUP** Internal abbreviation for the Course

Supervisor **SUP SUP** Supplement Watch Supervisor **SUP** 

**SUP** Suspected Unapproved Parts

**Supervised Practices** Sup. Pract.

SUP/ACC Supervisor Area Control Centre

Supervisor Approach SUP/APP



**SUP/MIL** Supervisor Military

**SUPCOM** Supervisors Committee (AAT AND AAF)

**SUPPS** Supplementary Procedures

**SUPPS** Regional Supplementary Procedures **SUPR** (Flight Plan) Supervisor Operator

**SUPRA** Support for Presently Unserved Airspace

**SUPSIS** Supervisor (Centre and System)

**SUR** Surveillance Domain (Domaine "Surveillance")

**SUR** Shortest Unconstrained Route

**SUR-ADS** IANS ADS Course

**SUR-RAD** IANS Surveillance Course

**SUR-RF** NIPS Performance of 1030/1090 RF Bands

**SUR-T** Surveillance Team **SURF** (Airport) Surface

**SURF IA** Surface Indications and Alerts

**SURPIC** Surface Picture

**SURT** Screen Update Response Time

**SURT** Surveillance Team

**SurvITE** Surveillance Integrated Tested for EATMS **SUSIS** Sector, Unusual, Situation, Information, Split

**SUT** System Under Test **SUTP** Software Unit Test Plan

**SV** System Validation **SV** Synthetic Vision

**SV** Space Vehicle (Satellite)

SV Service Volume SV Secure Voice

**SVC** Service Message (AFS Stations Only)

SVC Service Verification Centre
SVC Switched Virtual Circuits
SVC Switched Virtual Call
SVC Service Processor

**SVC** Service

**SVC A/B/C/O** SVCA A/B/C/O **SVCBL** Serviceable

SVD Software Version Description
SVF A/B/C/D Interphone Service F (B)

**SVFR** Special VFR

SVGASuper Video Graphics ArraySVIDSystem V Interface Definition

SVN Space Vehicle Number SVP Service Processor

**SVP** Supervisor

**SVR** Slant Visual Range



**SVRWX** Severe Weather

**SVS** Sprachvermittlungssystem (DE)

**SVS** Synthetic Vision System

**SVVP** Software Verification and Validation Plan

SWSwitching BoxSWSwirlingSWSouth-WestSWSoftwareSWSoftware

**SWA** Software Architecture **SWAL** Software Assurance Level

**SWAP** Severe Weather Avoidance Procedure/Program **SWAT** Subjective Workload Assessment Technique

**SWB** South-Westbound

**SWC** Significant Weather Chart

**SWCI** Software Configuration Item (ODS) (equivalent to a primary

subject)

**SWG** Security Working Group (advisory sub-group of CISC) / Groupe de

travail sur la sûreté

**SWG** Simulation Working Group

**SWG** SRC Workgroup for liaison with EUROCAE WG

**SWI** Swisscontrol Interface

**SWIFT** Specifications for Working positions In Future Air Traffic Control

**SWIFT** Structured What-if Technique **SWIFT** Selections Within Faster Times

**SWIFT** Society for Worldwide Interbank Financial Telecommunication

**SWIM** System-wide Information Management

**SWIMSUIT** System-wide Information Management Supported by Innovative

Technologies

**SWIS** Straßenzustands- und Wetterinformationssystem (DE) (Significant

Weather Chart)

**SWM** SIP Wanted Message

**SWORD** Subjective Workload Dominance Technique

**SWOT** Strengths, Weaknesses, Opportunities and Threats

**SWP** Sub-work Package

SWP Software Simulation PackageSWP Support Working PositionSWP Strategic Workforce Planning

**SWPPP** Storm Water Pollution Protection Plan

SWR
 SWS
 Synchronous Work Station
 SWS
 Software Service (LAN)
 SWS
 Silly Window Syndrome
 SWSAS
 Software Safety Assurance



SWU	Software Unit
SWY	Stop Way
SX	Simplex (Transmission)
SXCOP	Sector Exit Coordination Point
SXIT	Scheduled Taxi-in Time
SXOT	Scheduled Taxi-out Time
SY	Syrian Arab Republic (ISO Countries Codes)
SYCA	System Capacity
SYCO	System Configuration
SYCU	Synthetic (Video) Control Unit
SYLK	Symbolic Link (Graphics File Format)
SYMA	System Manager
SYMB	Symbol
SYN	TCP Synchronization Message
SYN	Synchronization
SYNBA	Synthetische Beanspruchungs- und Arbeitsanalyse (DE) / Synthetic
	Strain and Task Analysis
Sync.	Synchronous
SYNOP	signifikanter Wettererscheinungen (niedriges Flugniveau)
	SYNOP Bodenwettermeldung einer Landstation (DE)
SYNT	Syntax
SYS	System Identifier
SYS	System Section
SYS	System Services
SYS/DEG	System Degradation
SYSCIMIC	System-supported Civil/Military Coordination
SYSCO	Screen-to-Screen Coordination
SYSCO	System-Supported Coordination
SYSCO	System Controller
SYSEVAL	System Evaluation
SYSID	Data Source Identification
SYSPAR	System Parameter



## 2.21. Letter – T

Т	Temperature
Т	Terminal
T	Tesla
T&I	Test and Integration
T-ADLP	Trail Airborne Data Link Processor
T-ATSU	Transferring ATS Unit (ICAO)
T-Channel	Time Division Multiple-Access Channel
T-Connect	Transport Connect Service
T-CSF	Thomson - Compagnie Sans Files
T-Data	Transport Data Service
T-DPI	Target DPI
T-Gate	Transfer Gate (DEVD)
T-GCAS	Tactical Ground Collision Avoidance System
T-Unit	Transport Connect Service
t.b.d.	To be decided / discussed
T/B/T	Terra/Bordo/Terra (ITA) (Ground/Air/Ground)
T/C	Transfer of Control
T/R	Transmit / Receive
T0	Time 0
T1MUX	T1 Multiplexer
TA	Transition Altitude
TA	Target Area
TA	Transition Action
TA	Traffic Advisory ACAS
TA	Terminal Adapter
TA	Task Analysis
TA	Test Area
TA	Track Analysis
TA	Title Area
TAA	Test Access Area
TAA	Tracker Accuracy Analysis
TAA	Track Accuracy Analysis
TAA	Terminal Arrival Area
TAAM	Total Airspace and Airport Modeler
TASS TABL	Terminal Advance Automation System Tra-A Blocked SSR Codes
TAC	Tactical System
TAC	Tacan Map
TAC	Tactical Air Defense Radar Station
TAC	Tacan Routes and Reporting Points
TAC	Terminal Area Chart
TAC	Tactical Air Command (USAF) Tester
TACAN	Tactical Aircraft Control and Navigation
., 19, 111	ractical, include Control and Havigation



**TACAN** Tactical Air Navigation **TACAN UHF** Tactical Air Navigation Aid

**TACIS** Technical Assistance to the Community of Independent States (EC)

**TACOT** TACT Automated Command Tool

**TACOT** Tactical Operational Tool TACR TACAN at VOR, TACAN only

**TACT** Tactical System

**TACT** Tactical Flow Management (Working Position)

**TACT** CFMU Tactical Computer System **TAD** Technical Architecture Description

TAD Test and Development

TADTarget Audience DescriptionTADTelephone Answering DeviceTADILTactical Distribution List

**TAER** Terminal Arrival Efficiency Rating **TAF** Terminal Area (Aerodrome) Forecast

**TAF** Terminal Aerodrome Forecast

**TAFD** Total Advanced Flights on Departure **TAFEI** Task Analysis for Error Identification

**TAFT** Terminal Airspace Task Force (EUROCONTROL)

TAG Technical Advisory Group
TAG Thematic Advisory Group
TAG Transitional Airport Group

**TAG ATM** Thematic Advisory Group ATM (EASA) **TAGA** Traffic Awareness for General Aviation

**TAI** International Atomic Time

**TAI** Tätigkeitsanalyseinventar (DE) (Job-Analysis Inventory)

**TAI** Temps Atomique International

TAIL Tail Wind

**TALIS** Total Information Sharing

**TALK** (Swedish) VCS Upgrade Program / System

**TAM** Total Airport Management **TAM** Tivoli Access Manager

**TAM** Technical Acknowledgement Message **TAMP** Turkish ATC Modernization Project

**TAMR** Terminal Automation Modernization and Replacement

**TANB** Tra-A non Blocked SSR Codes

**TAOIT** Tribunal Administratif de l'Organisation Internationale du Travail

(ILOAT)

**TAP** Target Acquisition Protocol

**TAP** Total Average Peak

**TAP** Telematics Application Program

**TAR** Tape Archive TAR Trials ATN Router



**TAR** Terminal Approach Radar

**TAR** Terminal Area (Surveillance) Radar

**TARA** Terminal Airspace (or Area) RNAV Applications Task Force

TARADTracking Asynchronous Radar DataTARETelegraphic Automatic Relay EquipmentTARSTerminal Automated Radar Service

**TARTAR** ATS Route Structure between Armenia, Azerbaijan, Georgia, Iran,

Turkey

**TAS** Traffic Advisory System Terminal Airspace

**TAS** Transmission Acknowledgement Sub-field

**TAS** True Air Speed (Knots)

**TASC** The Analytical Science Corporation (Industry)

**TASI** Time Assigned Speech Interpolation **TASP** Track Acquisition and Support Protocol

**TASS** Russian News Agency

TAT Transputer Anwender Treffen (DE)
TAT Thematic Apperception Test
TATCA Terminal ATC Automation (FAA)

**TATCI** Tallinn ATC Improvement project (Estonia)

**TAU** Trunk Access Unit

**Tau** Range / Range rate (TCAS)

**Tau** (Greek Letter, Lower Case) Symbol for Time

**TAVT** Terminal Airspace Visualization Tool **TAWS** Terrain Avoidance Warning System

**TAX** Taxi(ing)

TB TellbackTBA To be AdvisedTBA Tellback Area

**TBBL** Tra-B Blocked SSR Codes

TBC To be Completed
TBD To be Done
TBD To be Discussed
TBD To be Determined
TBD To be Defined

**TBFM** Time Based Flow Management

**TBM** Time-based Metering

**TBN** To be Notified

TBNBTra-B non Blocked SSR CodesTBOTrajectory-based OperationsTBSTelephone Back-up System (VCS)

**TBS** Time-based Separation

**TBS-GA** Tätigkeitsbewertungssystem - Geistige Arbeit (DE) (Job-Assessment

Date: 2021-01-28

System - Mental Work)



TC Technology Centre (from DEVD)

TC Request Number of the ground DTE Request

TC Transit Counter

TC Trajectory Calculation
TC Type Certificate
TC Temporary Channel
TC Transition Concept

TC Tactical Controller (Radar)

TC Tropical Cyclone
TC Transit Corridor
TC Typical Changes

**TC-APD** Tactical Controller Activity Predictor Display

TC-SA Trajectory Control by ground based Speed Adjustments

TC/OC Technical Control and Operational Control
TCA Terminal Conflict Alert/ Control Area

TCA Track-to-chain Association
TCA Track Continuity Area
TCA Traffic Count Area (CFMU)
TCA Tactical Customer Advocate

TCA Traffic Control Airport or Tower Control Airport

TCAA Transatlantic Common Aviation Area
TCAC Tropical Cyclone Advisory Centre

**TCACCIS** Transportation Coordinator Automated Command and Control

Information System

**TCAM** Telecommunications Access Method **TCAP** Traffic Count Automation Program

**TCAS** Traffic Alert and Collision Avoidance System

TCAS
Traffic Collision Avoidance System
TCB
TCB
Trajectory-based Conflict Probe
Training Coordination Board
TCC
Traffic Coordination Centre
TCC
Thrust Control Computer
TCC
Target Compilation Computer

**TCC** Traffic Control Centre

TCC DOT Transportation Computer Center

TCCA Transport Canada Civil Aviation
TCCB TIDE Change Control Board

TCCC Tower Control Computer Complex
TCCS Thrust Control Computer System
TCDP Technical Control Data Processor

TCE Tone Control Equipment
TCF Transponder Code Function
TCF Terrain Clearance Floor
TCF TFM Convective Forecast



**TCFG** Transponder Code Function Group

TCG Training Consultation Group TCH Threshold Crossing Height

**TCL** Terminal Control

**TCLT** Tentative Calculated Landing Time

TCM Tactical Capacity Manager
TCM Trellis Coded Modulation
TCM Traffic Complexity Manager
TCM Time Compression Multiplexing
TCM Time and Clock Management
TCO Third-country Operator

**TCO** Swedish Confederation of Professional Employees

**TCO** Telecommunications Certification Officer

TCO Technical & Coordination Office (EASA-EUROCONTROL)

TCOP Transfer Coordination Point
 TCP Transmission Control Protocol
 TCP Transport Control Protocol
 TCP Trajectory Change Point

TCP/IP Transmission Control Protocol / Internet Protocol

**TCPA** Time to Closest Point of Approach

**TCPU** Touch Panel Central Processing Unit (ACS)

**TCRB** Transfer Conflict Resolution Board

TCS Two Channel Switch
TCS Type Control Subfield
TCS Target Compilation System
TCS Test Case Specification

**TCS** Tower Communications System

TCT Tactical Controller Tool
TCT Technical Control Terminal

**TCU** Towering Cumulus (Cumulus congestus)

**TCVR** Transceiver

**TCWP** Threshold Crossing Way-point

**TCX** Transfer Coordination Cancellation Message

**TCZ** Terminal Charging Zone

**TD** Transfer and Delete (KDS Input)

**TD** Training Division (IANS) (Division "Formation")

TD Time Difference Traffic Demand

**TDA** Track Detection Analysis

TDB Track Data Block
TDC Top Dead Centre

**TDCE** Telephone Distribution and Control Equipment

**TDCP** Test Display and Control Panel

**TDD** Time Division Duplex



**TDDS** Terminal Data Distribution/Display System

**TDF** Total Delayed Flights

**TDF** Training and Development Facility

**TDH** Training Development and Harmonization (Unit)

**TDHS** Time Domain Harmonic Scaling

TDLS
Tower Data-Link Services
TDM
Total Delay in Minutes
TDM
Time Division Multiplexing
TDM
Track Dressing Management
TDMA
Time Division Multiple Access
TDMUX
Time Division Data Multiplexer

**TDO** Tornado

**TDOA** Time Difference of Arrival **TDOP** Time Dilution of Precision

**TDR** Track Drop Rate

**TDR** Time Domain Reflectometer

TDR Traffic Data Record
 TDR Target Data Receiver
 TDS Test Design Specification
 TDS Test and Development System

**TDS** Tactical Data System

**TDS** Test and Development Sector

**TDSP** Training Documentations and Special Projects

**TDSU** Transport Service Data Unit **TDWR** Terminal Doppler Weather Radar

**TDZ** Touchdown Zone

TE Entry Time Test Error

TE Terminal Equipment
TE Transport Entity

**TE1** Terminal Equipment Type [1] **TE2** Terminal Equipment Type [2]

TE2 Test Error 2
TE3 Test Error 3
TEAM SIMUL Team Simulation

**TEB** Tender Evaluation Board

**TeB** Member State Technical Body

**TEC** Technical ATM Systems and Logistics Support

**TEC** Stakeholder Technical Committee

**TEC** Technical: for Use Only by Maintenance Personnel

**TEC** Total Electron Content

**TECH** Technical

**TECR** Technical Reason

**TED** Tactical Environment Data



**TED Trajectory Editor** 

**TEDIS** Trade Electronic Data Interchange Systems

Terminal Equipment Identifier TEI Terminal Endpoint Identifier TEI

Telephone **TEL** 

Telephone Central Office **TELCO** Tele-printer Exchange **TELEX** 

Telecommunications Provider (Swedish) **TELIA** Telecommunications Management System **TELMS** 

Transmission Control Protocol over Internet Protocol Virtual **TELNET** 

Terminal Protocol

Telematics for Safety Critical Systems **TELSACS** 

Total Energy Model **TEM** 

Threat and Error Management **TEM TEMP** Test and Evaluation Master Plan

Transient Electromagnetic Pulse Emanation Standard (US) **TEMPEST** 

Temporary, Temporarily **TEMPO** Trans-European Network TEN

Trans-European Network (-Transport) (European Commission TEN(-T)

Funding)

**TEN-T** Trans-European Transport Network

**TEN-TEA** Trans-European Transport Network Executive Agency

Trans-European Telecommunications Network **TEN-Telecom** 

Tend, Tending to, Tendency **TEND** 

Trajectory Editor and Problem Solver **TEPS TER** Terminal Point (ENV Entity Type)

Terrain Profile Matching **TERPROM** 

**TERPS Terminal Instrument Procedures** 

**TES** Trials End System

Toolset For Environmental Sustainability Assessment **TESA** 

Test - Test test **TEST** Test Mode

Test test

**TestDB** Test Data Base (Lotus Notes)

TEST the Link Between WPP and IMUX **TESTLOOP TETRA** Trans European Trunk Radio Architecture

Trans-European Trunk Radio **TETRAPOL** Training Experts Working Group **TEWG** 

Task Force TF

Touch Field (VCS) TF TF Track to a Fix

Task Force Common Core Content **TF-CCC** 

TF-TTM TF on Technology Based Training Tools and Methods

Test Flight Analysis **TFA** 



**TFAC** To Facility

**TFACS** Task Force on Assessment Centre Standards

**TFC** Traffic

**TFD** Thin-film Diode Tactical Flight Data

**TFDATS**Delegation of ATS Task Force
TFDM
Tower Flight Data Manager
Training Focus Group

**TFIS** Traffic Flow Investigation System

TFL Transfer Flight Level
TFM Tactical Flight Model
TFM Traffic Flow Management

**TFMS** (FAA) Traffic Flow Management System

**TFMS** Technical Facilities and Management Support Section (of England)

TFR Terrain Following Radar
TFR Tactical Flight Record (CFMU)
TFR Transfer of Control Message
TFR Temporary Flight Restriction

**TFS** Track Flight Store Thin-Film Transistor

**TFTR** Terrain Following Training Route **TFTS** Terrestrial Flight Telephone System

**TFV** Traffic Volume (CFMU)

**TG** Task Group

**TGB** Tethered Gas Balloon

**TGDLP** Trials Ground Data Link Processor

**TGF** Traffic Growth Factor

**TGL** Target Level

**TGL** Temporary Guidance Leaflet **TGL** Touch and Go Landing

TGM Temporary Guidance Material TGS Target Generation System Taxiing Guidance System

**TGTWNG** Target Towing

**TGV** Train à Grande Vitesse (High Speed Train)

**TH** Transport Header

**TH** Threshold Th-CSF Thomson CSF

**THD** Total Harmonic Distortion

**Theta** (Greek Letter, Upper Case) Symbol for Azimuth

**THP** Thrust Horse Power

THR Thermometer
THR Threshold
THRU Through



**THS** Trimmable Horizontal Stabiliser

**THU** Tuesday

**THX** Threshold crossing

TI Transmit Interdict

Technologie de l'Information (Information Technology)

TI Technical Instructions (ICAO)

**TI** Transfer Initiation

**TIA** Traffic Information Area

**TIARE** Traitement des informations ATM et radar pour l'exploitation

TIB Tactical Agency IT Board
TIB Technical Instruction Book

**TIBA** Traffic Information Broadcast by Aircraft TIBS Telephone Information Briefing System

**TIC** Token Ring Interface Coupler

TIC Transition Input Class
TIC Time in Change

**TICTAC** Time Constrained Trajectory Computation Trajectory Predictor

TID Touch Input Device
TID Test Item Discrepancy

TIDE Tactical and IFPS Development Environment

**TIDmn** Track Initiation Delay Mean

**TIDsd** Track Initiation Delay Standard Deviation

**TIF** Transport Interface Facility **TIFF** Tagged Image File Format

**TIGA** Texas Instruments Graphics Architecture

TIL Until ...
TIM Time

TIM Tivoli Identity Manager
TIM Transfer Initiation Message
TIM Technical Interchange Meeting

**TIMERS** Traffic Intelligence for the Management of Efficient Runway

Scheduling

**TIMS** Telecommunications Information Management System

**TIN** Triangulated Irregular Network **TIO** Transmit Interdict Override

**TIOP** Tactical and IFPS Operational Platforms

TIP Until Past ... (Place)
TIP Touch Input Panel

**TIPH** Taxi into Position and Hold

**TIPS**Terminal Information Processing System
TIRP
Technical Incident Reporting Procedure

TIS Titan Information Sharing
TIS Time to Insert the Sequence
TIS Traffic Information Service



TIC D	Tueffic Information Comition Duranteset
TIS-B	Traffic Information Service - Broadcast
TITAN	Turnaround Integration in Trajectory and Network
TITLE	Message Name
TIV	Traffic Information Volume
TIXM	Terrain Information Exchange Model
TIZ	Traffic Information Zone
TK	True Track
TK	Theoretical Knowledge
TKB	Tracker Ball Pointing Device
TKOF	Take-off
TKS	Thanks  Crosstall Tracker
TKX	Crosstell Tracker
TL	Traverse Level
TL	Transition Line (Level)
TL	Thermo Luminescent Taxilane
TL	
TLA TLA	Title Line Area
TLA	Top-Level Aggregation
	Terminal Loop Adapter Technical Link Assessment Team
TLAT	
TLD	Tactical Load Data
TLM	Telemetric Word
TLM	Traffic Load Monitoring
TLMA	Telematic Access Unit
TLOF	Touchdown and Lift-off Area
TLOS	Target Level of Safety
TLP TLP	Tactical Leadership Program  Traffic Light Protocol
TLPD	Traffic Light Protocol Traffic Load Prediction Device
TLPV	Tratamiento Local de Planes de Vuelo (ES)
TLS	Target Level of Safety
TLS	Transponder Landing System
TLS	Tolerable Level of Safety
TLS	Tactical Load Smoother
TLS	Transport Layer Security
TLU	Taxi for Line Up
TLV	Type Length Value
TLX	Task Load Index (NAA)
TLXAU	Telex Access Unit
TM	Training Manager
TM	Technical Manual
TM	Technical Project Manager
TMA	Telecommunications Managers Association
TMA	Terminal Control Area
TIVIC	reminal Control Area



TMA Terminal Maneuvering Area
TMA Traffic Management Advisor
TMA-TC TMA Tactical Controller

**TMA2000+** Trajectory Management Applications

**TMAN** Traffic Manager

TMAS
Terminal Maneuvering Area Services
TMC
Technical Monitoring and Control
TMC
Telematics Management Committee
TMC
Traffic Management Coordinator
TMC
Travel Management Center

**TMC/MC** Traffic Management Coordinator/Military Coordinator

TMCC Terminal Information Processing System
TMCC Traffic Management Computer Complex
TMCD Technical Monitoring and Control Desk
TMCS Technical Monitoring and Control System

**TMCU** Tower Main CWP Unit

**TMF** Trajectory Management Framework

**TMF** Traffic Management Facility

**TMG** Track Made Good

TMI Traffic Management InitiativeTMI Traffic Management InitiativeTML Television Microwave Link

**TMLI** Television Microwave Link Indicator

**TMLLF** Terrain Masking Low-level Flight Computer

**TMLR** Television Microwave Link Repeater **TMLT** Television Microwave Link Terminal

**TMN** Telecommunications Management Network

**TM&O** Telecommunications Management and Operations

**TMP** Teleprinter Multiplexer

**TMP** Traffic Management Processor

**TMR** Trajectory Management Requirements

**TMRR** Temporary Minimum Disk Route

TMS Telemanagement System
TMS Traffic Management System

**TMS** Tools Manager Server

**TMSPS** Traffic Management Specialists

**TMSSG** Top Management Structure Sub-group

**TMT** Technical Monitoring Team

**TMU** Total Vertical Error Monitoring Unit

**TMU** Traffic Management Unit **TMV** Traffic Monitor Value

**TMZ** Transponder Mandatory Zone

**TN** Trajectory Negotiation

**TN** True Negative

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**TN** Tunisia (ISO Countries Codes)

TN Technical Note TN Track Number

**TN** Temperature Minimum (TAF)

**TNA** Turn Altitude **TNAV** Time Navigation

TNAV Terminal Navigational AidsTNC Tactical Network CoordinatorTNC Terminal Navigation Charge

**TNG** The Next Generation

**TNH** Turn Height

**TNM** Tactical Network Management

**TNMC** Tactical Network Management Coordinator

**TNO** Stereovision Test (Trade Name)

**TNR** Non-radar Transfer of Control Message

**TO** Telecommunications Operator

TO Technical Order
TO Operation Time
To Time Over

TO RIT
TO/GA
TO/L
TO\_RIT
TO Reroute Issue Time
Take-off/Go Around
take-off/Landing
To\_RIT
To Reroute Issue Time

**TOA** Time of Arrival

**TOA** Terms of Agreement

**TOA** Training Organization Approval

**TOAST** Team Oriented ATC Simulator Training Technical Operations and Systems Tests

TOBTTarget Off-block TimeTOCTechnical Operators CentreTOCTraffic Observation Center

**TOC** Top of Climb

TOC ATC take-off Clearance Transfer of Communication

**TOC** Transfer of Control

**TOCC** Technical Operations Control Center

TOCS Take-off Climb Surface
TOD Terrain and Obstacle Data

**TOD** Time of Day TOD Top of Descent

**TODA** Take-off Distance Available (ICAO)

**TOPMG**Terrain and Obstacle Data Working Group
TOEFL
Test of English as a Foreign Language

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

**TOF** Time of Flight



**TOFMS** Time of Flight Mass Spectrometer

**TOFT** Take-off Time

**TOGA** Take-off Go Around

**TOGAF** The Open Group Architecture Framework

**TOI** Temporary Operational Instruction

**TOIT/TF** Task Force on the Treatment of Internal Tax **TOKAI** Toolkit for ATM Occurrence Investigation

**TOP** The TOP Object Class, Containing no Attributes

**TOP** Cloud Top

TOP Technical and Office Protocols
TOP Total Operations Planner
TOPL Take-off Performance Limits

**TOPS** Telecommunications Ordering and Pricing System (GSA software

tool)

**TOPTHERM** Numerische Thermikgebietsvorhersage (DE)

**TOR** Terms of Reference TORA Take-off Run Available

**TORCH** Technical, Economical and Operational Assessment of an ATM

Concept Achievable from the Year 2005

TOS Take-off Safety (Airbus)
TOS Traffic Orientation Scheme
TOS Tape Operating System

**ToS** Type of Service

**TOSCA** Testing Operational Scenarios for Concepts in ATM

TOTTime Over TargetTOTTake-off TimeTOWTake-off WeightTOWTime of the WeekTOWPTake-off Waypoint

Trajectory Prediction TP **Terminal Procedure TP Trajectory Predication TP Technical Prospectus** TP **Trajectory Predictor TP** Transaction Processing TP **Transport Protocol TP Turning Point** TP True Positive TP

**TP** Telecommunication Processor

**TP** Track Processing

**TP0** Transport Protocol - Class 0 **TP4** Transport Protocol - Class 4

**TPAS** Trajectory Predictor based Aircraft Simulator

**TPB** Propagation Backward Delay



TPC	Training, Procedures and Competency
TPD	Transition Program Description
TPD	Tape Drive
TPD	Tabular Problem Display
TPDR	Transponder (Abbreviated Term)
TPDU	Transport Protocol Data Unit
TPF	Propagation forward delay
TPF	Technology Performance Financing
TPG	The Preston Group
TPI	Threads per Inch
TPI	Traffic Prediction Improvements
TPIAS	Transition Plan for Implementation of Airspace Strategy
TPIC	Transition Plan for Implementation of CUAC
TPINS	Transition Plan for the Implementation of the ECAC Navigation
	Strategy
TPL	Task Priority List
TPL	Transport Layer
TPM	Transaction Processing Monitor
TPP	Terminal Procedures Publication
TPR	Technical Performance Record
TPS	Test Procedure Specification
TPS	Mono-radar Track Format
TPS	Transaction Processing System
TPT	Touchdown Point
TQ	Technical Query
TQL	Tool Qualification Level
TQL	Transmit Quality Level
TQM	Total Quality Management
TR	Trouble Report
TR	Transfer Retain
TR	Technical Requirement
TR	Transmit / Receive (Duplexer)
TR	Transfer Phase
TR	Release Time
TR	Track
TR	Token Ring
TR	Track Reconstruction
TR	Test Report
TR	Telecommunications Request
TRA	Temporary Reserved Area (Military Reserved Airspace)
TRA	Traffic (Type)
TRA	Token Ring Adapter
TRA	Technical Risk Assessment
TRA	Required Time for Arrival



**TRA** Transistor

**TRA** Temporary Reserved Airspace **TRA** Track Resolution Analysis

**TRACAB** Terminal Radar Approach Control in Tower Cab **TRACECA** Transport Corridor Europe Caucasus Asia

**TRACER** Technique for the Retrospective Analysis of Cognitive Errors in ATM

**TRACON** Terminal Radar Approach Control (Facility)

**TRACT** Trajectory Adjustment through Constraint of Time

**TRAD** Terminal Radar Service

**TRADIS** Traffic Display

**TRAFCA** Traitement Automatique des Fonctions de la Circulation Aérienne

(Algeria)

**TRAINDEV2** Integrated EUROCONTROL Training Design Tool

**TRAMON** Traffic Monitoring **TRAMS** Transition to Mode-S **TRAN** Traffic Analysis

**TRANS** Transmitter, Transmits

**TRANSCOM** French public Telecommunication Network

**TRANSEC** Transmission Security

**TRANSFER** Transfer an SPN to the EC of an Adjacent Sector

**TRAP** Trier Remote Air Picture

**TRAP** Technical Review and Audit Plan

**TRASAS**Trans-regional Airspace and Supporting ATM Systems Steering

Group

**TRB** Tracker Ball

**TRB** Tender Review Board

**TRB** Transportation Research Board (4-States)

**TRC** Traffic Count

**TRC** Tracing Component (Subsystem of BSC)

TRD Trials, Research and Development (Mode-S Stations)

TRD Transit Routing Domain
TRD Transfer Document
TRD Technical Reference Data

**TRDR** Technical Reference Data Record

**TRE** Type Rating Examiner

**TREE** Transit Radiation effects on Electronic Equipment

**TREN** Transport and Energy (Directorate-General, European Commission)

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Authors: N. Rieck & M.-M. Temme

**TREND** Landing Forecast

**TREND** Zweistündige Entwicklungsvorhersage (DE) **TRES** Trajectory Reconstruction and Evaluation Suite

**TRF** Transformer

TRF Tuned Radio Frequency
TRF Total Regulated Flights
TRG Technical Review Group



**TRG** Training

**TRG/SRI** Training / System Replay and Investigation Environment

**TRGP** Training Plan

**TRI** Type Rating Inspector/Instructor **TRIP** Trade Related Intellectual Property

**TRK** Tracker (Software)

**TRK** Track

**TRKBRT** Track Bright TRL Transition Level

TRL Technology Readiness Level
TRL Tra for Lower Airspace Sectors

**TRM** Token Ring Multiplexer

**TRM** Team Resource Management **TRMM** Token Ring Management Module

**TRMTFII** Team Resource Management Task Force II

**TRN** Terrain Reference Navigation **TROL** Tapeless, Rotorless On-line

**TROP** Tropopause

TRPThrust Rating PanelTRPTrue Revision ProcessTRRTest Readiness ReviewTRRTraffic Regulated Rate

TRS Time to Remove from SequenceTRS Transmission Rate Sub-fieldTRS Task Requirement Sheet

**TRSB** Time Reference Scanning Beam

**TRSS** Token Ring Sub-system

**TRU** Tra for Upper Airspace Sectors

**TRUST** Terminal Routes Using Speed-control Techniques

**TRX** Transmitter

**TRY/PFL** Try Input of Planned Flight Level

TS Transport Service User
TS Test Specification (ODS)

**TS** Thunderstorm Ts Track Server

TS Technical Specification
TS Trajectory System
TS Terminating System
TS Tracker (Hardware)
TS Transport Service
TS Time Source

TS Technical Supplement
TS Traffic Synchronization
TS Starting and Stopping Time



**TS** Top Secret

**TSA** Traffic Situation Awareness (ASAS Application)

**TSA** Time Stamp Area

**TSA** Temporary Segregated Area **TSA** Technical Support Administrator

**TSA** Taxiway Safety Area **TSA** Two Segment Approach

**TSAF** Transparent Services Access Facility **TSAP** Transport Service Access Point

**TSARTS** Terminal Stand-Alone Radar Training System

**TSAT** Target Start-up Approval Time TSC Technical Surveillance Complex

TSCTechnical Support CenterTSCUTower Support CWP UnitTSDTraffic Situation DisplayTSDTime Sequence DiagramTSDTraffic Situation Display

**TSDD** Test Synthetic Dynamic Display

**TSDF** Time Slot Duty Factor

**TSDG** Technical and System Development Group

**TSDU** Transport Service Data Unit

**TSE** Total System Error

**TSEA** Track Systematic Error Analysis **TSEC** Terminal Secondary Radar Service

**TSEL** Transport Selector **TSG** Training Sub-group **TSG** Technical Sub-group

**TSGE** Tri-Service Group on Communications and Electronics

**TSGR** Thunderstorm with Hail Time Slots Interchanges

**TSIKADA**Russian 4-Satellite Civil Navigation System. **TSIKADA M**Russian 6-Satellite Military Navigation System.

**Tsimul** Team Simulation

TSO Technical Service Order
TSO Technical Standard Order
TSO Time Sharing Option

**TSP** Transponder

**TSP** Track Support Protocol

**TSP** Telecommunications Service Priority

**TSP** Traffic Sequence Planning

**TSR** Telecommunications Service Request

**TSR** Terminal Surveillance Radar **TSR** Terminate & Stay Resident

**TSr** Track Swap Rate



**TSRV** Transport System Research Vehicle

TSS Target Software Server Traffic Sub-system

**TSS** Tower Simulation System

TSSA Thunderstorm with Sand or Dust Storm
TSSC Technical Support Services Contract
TSSD Turnaround Service Sequence Diagram

**TSSDU** Typed SSDU Data

**TST** Test and Acceptance Flights

**TST** Test

**TST** Trajectory Support Tool

**TSTMS** Thunderstorms

**TSU** Transmission Selection Unit TSU Technical Support Unit

**TSWP** Technical Surveillance Working Position

**TSYS** Terminal Equipment Systems

TT Teletype (Writer)

**TT** True Track

TT&C Telemetry, Tracking and Commanding

TTA Tactical Training Area
TTA Target Time of Arrival
TTA Target time of Arrival
TTA Track Time-based Analysis

TTC Telemetry and Telecommand Centre
TTCN Table and Tree Combined Notation

**TTD** Target Time of Departure

TTE Transport, Telecommunications and Energy Council (EU)

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme

TTF Total Flights
TTG Time to Go

TTL Transistor to Transistor Logic

**TTL** Time to Live

TTL Technical Team Leader
TTLEET Total Estimated Elapsed Time

TTMA TRACON Traffic Management Advisor

TTO Target Time Over
TTOT Target Take-off Time
TTP Telephone Twisted Pair
TTP TCAS II Transition Program
TTR Type of Transponder
TTR Test and Training Room
TTR Target Tracking Roder

TTR Target Tracking Radar
TTS Trials Transport Service
TTS Transaction Tracking System

**TTSV** Training Supervisor



**TTW** Through the Wall

**TTWG** Technical Transfer Working Group

**TTY** Teletypewriter (Telex)

TTY Teletype (ADMAR), Teletype Device

**TU** Turkey (ISO Country Code)

TU Tributary Unit Temps Universal

**TUC** Time of Useful Consciousness

**TUC** Temps Universel Coordonné (Universal Coordinated Time)

**TUE** Tuesday

**TUEM** Trade Union EUROCONTROL Maastricht

TUGTributary Unit GroupTUMTime Update MessageTURTime Utilization Report

**TURB** Turbulence

**TurnRPP** Turnaround Resilience, Performance and Prediction

**Tut** Tutoring

**TV** Traffic Volumes

**TV** Television

**Tv-Tc** Transversal Acceleration - Typical Changes

**TVE** Total Vertical Error **TVOR** Terminal VOR

**TVSR** Terminal Voice Switch Replacement

**TW** Target Window

**TW** Taxiway

TW (TWK) Team Work Design Tool
TWA Two-way Alternate
TWDL Two-way Datalink

**TWEB** Transcribed Weather Broadcast

TWF Temporary Work Force
TWG Training Working Group
TWG Tide Working Group

**TWI** Terminal Weather Information

**TWIP** Terminal Weather Information for Pilots

**TWN** Tactical Weather Network

**TWP** Transition Way Point (Eurofighter)

**TWP** Technical Work Program in the Air Navigation Field **TWR** Tower Control Unit (Aerodrome Control Tower)

TWR Tower

**TWR** Aerodrome Control Tower or Aerodrome Control

**TWS** Track While Scan

TWS Terminal Weather Service (ICAO)
TWS Technical Watch Supervisor
TWS Two-way Simultaneous



TWT	Travelling Wave Tube
TWX	Tele-typewriter Exchange
TWY	Taxiway
TWYL	Taxiway Link
TX	Transmission, Transmit(ter)
TX	Transmitter Station
TX	Transmit
Tx	Next waypoint ETA
TX	Temperatur Maximum
TX / RX	Transmitter / Receiver (Radar Head)
TX1	Dynamic Text 1
TX2	Dynamic Text 2
TXI	Taxi-in
TXIT	Target Taxi-in Time
TXO	Taxi-out
TXOT	Target Taxi-out Time
TXT	Text (of SDD Labels)
Txt	Text
TXWY	Taxy Way
TYP	Type of Aircraft
TYP/	Type of Aircraft
TYPE	Aircraft Type
TYPH	Typhoon

Date: 2021-01-28



## 2.22. Letter - U

U	UHF Equipped
U	Unknown
U	Upward
U-S	U-space Services
U & D	Uplink and Downlink
U-BIN	Up Broadcast Identifier Number
U-Space	Urban Space (Operating area for RPAS)

Upper / Lower - Upper Link U/L

U/S Unserviceable U/V Ultra Violet

UA Ukraine (ISO Countries Codes)

UA User Agent

Unnumbered Acknowledgement UA

**Unmanned Aircraft** UA Until Advised By ... **UAB** 

**UAB** Unable

**Unbalanced Asynchronous Mode Class UAC** 

Upper Area Control Centre **UAC** 

**User Agent Client UAC** 

Unrecoverable Application Error UAE

**UAE User Agent Entity Urban Air Mobility UAM** Upper Airspace Project **UAP User Application Profile UAP** 

User Agent Protocol Data Unit **UAPDU** 

**Upper Air Route UAR** 

Universal Asynchronous Receiver / Transmitter **UART** 

Unmanned Aircraft System **UAS** 

**UAS** Upper Airspace User Agent Server **UAS** 

**UAS** Uniform Accounting System **UAT** Universal Access Transceiver

Unmanned/Uninhabited/Unpiloted Aerial Vehicle **UAV** 

Date: 2021-01-28

**UAV-OAT TF UAV-OAT Task Force** 

**User Benefits Applications UBA** User Benefits Infrastructure **UBI Unspecified Bit Rate UBR UBSS** Unix-based System Software

UC **Unified Communications** 

**UCA** Use Case Analysis

Unmanned Combat Air Vehicle **UCAV** 

**UCD** Use Case Design

Universal Control and Display Unit **UCDU** 



UCE	11-47 -1
UCE	Unité de contrôle espace
UCO	Universal Communications Object
UCP	Unit Centre Point
UCR	Unsatisfactory Condition Report
UCS	Unit Competency Scheme
UCS	Uniform Chromaticity Scale
UD	User Data
UDA	Upper Advisory (Service) Area Universal Decimal Classification
UDC UDDI	
UDF	Universal Description, Discovery and Integration User Defined Function
UDF	Ultra High Frequency Direction Finding Station
UDOP	User Defined Operational Picture
UDP	User Datagram Protocol
UDP	Unified Delay Program
UDPP	User Driven Prioritization Process
UDR	Uplink Data Rate
UDRE	User Differential Range Error
UE	Union européenne
UEATMS	Uniform European Air Traffic Management System
UELM	Uplink Extended Length Message
UEO	Union de l'Europe Occidentale (Western European Union)
UERE	User Equivalent Range Error
UF	Uplink Format
UFAS	Uniform Federal Accessibility Standard
UFF	Ultimate Fallback Facility
UFMC	Unemployment Fund Management Committee
UFN	Until Further Notice
UFO	Unidentified Flying Object
UFR	Upper Flight Region
UFS	Ultimate Fallback System
UG	User Guide
UHDT	Unable Higher Due to Traffic
UHF	Ultra-high Frequency
UHT	Ultra Heat Treated
UI	User Interface
UI	Unnumbered Information
UIC	Upper Information Centre
UIC	Unit Identity Code
UID	User Identification
UIECS	Union of International and European Civil Servants
UIMS	User Interface Management System
UIR UIT	Upper Flight Information Region Union Internationale des Télécommunications (FR)
OH	official internationale des relectionifications (FN)



UIVE	User Ionospheric Vertical Range
UJT	Uni-junction Transistor
UK	United Kingdom (but ISO Code=GB)
UKAATS	UK Advanced ATS
UKD	Upgrade ZKSD and coupling with DERD-X
UKFSC	United Kingdom Flight Safety Committee
UKNATS	United Kingdom National Air Traffic Services
Ukraviatsia	Ukrainian State Aviation Administration
UkSATSE	Ukrainian State Air Traffic Services Enterprise
UKW	Ultrakurzwelle (DE) (Ultra-short Wave)
UL	Upper Link (ATS route indication) or Uplink
ULA	Upper Layer Architecture
ULB	Underwater Locator Beacon
ULC	Urz d Lotnictwa Cywilnego (Civil Aviation Office (Poland))
ULM	Ultra Léger Motorisé (FR)
ULR	Ultra Long Range
ULS	Ultra-large Scale
UM	Uniform Motion
UM	Uplink Message
UM	Utility Message (Bits)
UMA	Unmanned Aircraft
UMAS	Unmanaged Airspace
UMB	Upper Memory Block
UML	Unified Modelling Language
UMPDU	User Message Protocol Data Unit
UMTS	Universal Mobile Telephone Service
UMTS	Universal Mobile Telephone System
UMTS	Universal Mobile Telecommunications System
UN	Unassigned
UN	United Nations
UN CTED	United Nations Counter-Terrorism Committee Executive Directorate
UNA	Unable
UNAP	Unable to Approve
UNAS	Universal Network Architecture Services
UNC	Unified, Coarse
UNC	Unassociated Sarp MUM/CCS/CNL
UNC	Unbalanced Normal Response Mode
UNF	Unified, Fine
UNFCCC	United Nations Framework Convention on Climate Change
UNHCR	United Nations High Commissioner for Refugees
UNI UNIN	"User to Network" Interface Unusual / Emergency Situations
UNINC	Unusual Incidents
UNITE	Unification of Accounts and Marginal Costs for Transport Efficiency
CIVITE	Offinication of Accounts and Marginal Costs for Transport Efficiency



UNIX UNIX O/S

**UNIX** Uniplexed Information and Computing Service/System

**UNK** Unrecognizable (SARP) Message.

**UNKN** Unknown **UNL** Unlimited

**UNMA** Unified Network Management Architecture

**UNMIK** United Nations Interim Administration Mission in Kosovo

**UNO** United Nations Organization

**UNREL** Unreliable **UNT** Until

**UNWTO** UN World Tourism Organization

**UOD** User Objectives Document

UP Unknown PrecipitationUPC Usage Parameter ControlUPD Update Plan Divergence

**UPDM** Unified Profile for DODAF/MODAF

UPPUPPUpper airspaceUPRUser Preferred Route

**UPRT** Upset Prevention and Recovery Training

**UPS** Uninterruptible Power Supply

UPSUPS-ATUPSELUnited Parcel ServicesUpdate Selection

UPT User Preferred Trajectory
UPU Universal Postal Union (UN)
UPU Union Postale Universelle (ONU)
UP4DT User Preferred 4D Trajectory

**UR/R** User Requirements Review

**URA** User Range Accuracy

**URA**Uniform Relocation Assistance and Real Property Acquisition Policies

Act of 1970

**URANIA** Upgrading Athens Terminal Area and Interfacing to the PALLAS

ACC system

**URB** User Relations and Development Bureau (CFMU)

**URD** User Requirements Document

**URE** User Range Error

**URET** User Request Evaluation Tool (MITRE Conflict Detection Product)

**URG** Urgency (ICAO)

**URG** Urgent

URI Uniform Resource Identifier
URL Internet Web-Site Address
URL Uniform Resource Locator
URP User Requirements Phase



URR	User Requirements Review
URS	User Requirements Section
URSF	Universal Remote Support Facility
URTF	User Requirements Task Force
US	United States
US	Unit Separator
USA	Unix System Administrator
USA	United States of America
USAF	United States Air Force
USAL	User Access Level
USAP	Universal Security Audit Program
USAREUR	US Army (Representative) in Europe
USART	Universal Synchronous / Asynchronous Receiver / Transmitter
USC	Unit Safety Case/Code
USCG	United States Coast Guard
USD	US Dollar
USEF	Union Syndical EUROCONTROL France (FR)
USERID	User Identification
USFSPEI	Union Syndicale Fédérale du Service Public Européen et
	International
USG	US Government
USGS	US Geological Survey
USiT	Undetected Simultaneous Transmission
USLM	Uplink Standard Length Message
USNO	United States Naval Observatory
USOAP	Universal Safety Oversight Audit Program
USOC	Uniform Service Order Code
USRA	Upper Search & Rescue Area
USRA	Upper airspace Special Rules Area
USS	Update Synchronization System
USSPE	Union Syndical - Service public Européen (European Public Service
LICCD	Union (=EPSU))
USSR	Union of Soviet Socialist Republics
UT	Universal Time
UT	Unit
UTA	Upper Transition Area
UTA	Upper (Traffic) Control Area
UTC	Universal Time Coordinated Unicode Transformation Format
UTF	Universal Transverse Mercator
UTM	
UTM UTP	UAS Traffic Management
UTP	Unit Training Plan Unshielded Twisted Pair
	Universally unique Identifier
UUID	Oniversally unique lucitumer



UUP	Update Airspace Use Plan
UUP	Updated (Airspace) Use Plan
UUS	User to User Signaling
UVA	Utility Value Analysis
UVSCT	Madap System Configuration Table
UWB	Ultra Wide Band
UX	UNIX

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Authors: N. Rieck & M.-M. Temme



## 2.23. Letter - V

V Volt
 V Speed
 V Variable

**V&V** Validation and Verification

**V-NAV** Vertical Navigation

**V-PAT** Vertical Flight Path Analysis

V/D Voice/Data
V/M Volts per Meter
V/S Vertical Speed

**V/STOL** Vertical or Short Take-off and Landing

**V4** ARTAS Version 4

V6 ARTAS Version 6B including Mode-S ELS

V6B ARTAS Version 6B for ELE

V7 ARTAS Version 7 includes EHS and ADS-B

**VA** Heading to an Altitude

**VA** Volcanic Ash

VAA Value Added Applications
VAA Volcanic Ash Advisory

**VAAC** Volcanic Ash Advisory Centre

VAC Visual Approach Chart
VAC Alternate Current Voltage
VAC Violation Conflict Alert

**VACP** Volcanic Ash Contingency Plan

VAD Vertical Azimuth Display VAD Voice Activity Detection

**VADS** Value-added Data Network Service

**VAFB** Vandenberg Air Force Base

**VAFOR** Very Advanced Flight Data Processing System Operational

Requirements

**VAFORIT** Very Advanced Flight Data Processing System Operational

Requirements Implementation

**VAGI** Visual Approach Guidance Indicator

**VAL** Vertical Alert Limit

**VAL** Visual Approach and Landing

**VAL** in Valleys

**VALE** Voluntary Airport Low Emission (Program)

ValFor Validation User Group VAN Value-added Network VAN Runway Control Vehicle

VAP Volumetric Airspace Penetration
VAP Volumetric Airspace Profile

VAP Value Added Process
VAP Visual Aids Panel (ICAO)



**VAPORETO** Validation Process for Overall Requirements in (Air) Traffic

Operation

**VAPS** Visual Approaches

**VAPS** Virtual Applications Programming Software

**VAQ** VHF Avionics Qualification

VAR Variable FIM

VAR Magnetic Variation
VAR Value Added Reseller

VAR Variation Varactor

**VAR** Visual Aural Radio range

**VAR** VCS, Ancillaries and Remote-control System

**VAS** Vortex Advisory System

VAS Vienna ATCC Data Processing System Vasi Visual Approach Slope Indicator

**VASIS** Visual Approach Slope Indicator System

**VAT** Value-added Tax

**VATSIM** Virtual Air Traffic Simulation Network

**VAW** Vertical Aid Window

**VAW** Vertical Assistance Window

VBC Vertical Binary Check
VBR Variable Bit Rate
VBS Video Blanking Sync

**VBScript** Visual Basic Scripting Edition

**VBX** Visual Basic Extensions

VC Virtual Circuit
VC Virtual Classroom

VC Virtual Call In the Vicinity

VCVC-31VC-32VC-4Voice CommunicationVirtual Container-31Virtual Container-32Virtual Container-4

**VCC** Virtual Channel Connection

**VCCS** Voice Communication and Control System

VCI Voice Change Instruction
VCI Virtual Circuit Identifier
VCI Virtual Channel Identifier

**VCNA** Vtam Communications Network Application

VCO Voltage Controlled Oscillator
VCPI Virtual Control Program Interface

VCR Video Cassette Recorder VCR Visual Control Room

**VCRI** Verification Cross Reference Index



**VCS** Voice Channel spacing

**VCS** Voice Communication System

**VCS-TF** Voice Communication Systems Task Force **VCSS** Voice Communications Switching System

**VCSTF** Voice Communications System Specification Task Force

**VCXO** Voltage Controlled Crystal Oscillator

**VCY** Vicinity

**VD** Heading to a DME Distance

VD Vertical Dispersal
VDB VHF Data Broadcasting
VDC Direct Current Voltage

**VDD** Version Description Document

**VDE** Verband der Elektrotechnik Elektronik Informationstechnik e.V. (DE)

VDEVVDFVDFVDIVertical DeviationVertical Deviation Indicator

**VDI** Verein Deutscher Ingenieure (DE)

VDL Voice Data Link
VDL VHF Digital/Data Link

**VDL/4** VHF Voice and Data Link - Mode 4

VDLM2 Vhs Digital Link Mode-2 VDLMode2 VHF Data Link Mode 2 VDLMode4 VHF Data Link Mode 4

**VDME** VOR with Distance Measuring Equipment

**VDOP** Vertical Dilution of Precision **VDPG** Validation Plan Drafting Group

VHF Digital/Data Radio **VDR** Voltage Dependent Resistor **VDR** Validation Data Repository **VDR** Validation Data Repository **VDR** Voice Distribution System **VDS** Video Display Terminal **VDT** Video Display Unit **VDU VDU** Visual Distribution Unit

**VDX** Videotext

**VE** Validation Environment

**VEARS** VSCS Emergency Access Radio System

VEB Variable Elevation Beam
VeFC Vertical Motion Fast Climb
VeFD Vertical Motion Fast Descend

**VEIRT** Versatile Environmental Impact Reporting Tool

**VEL** Velocity

**VEL** Velocity Leader **VENSIM** Ventana Simulator



**Ver** Vertical

**VER** Version Identifier

**VERA** Verification (of Horizontal Separation) and Advice (to Other

Controllers)

**VERACO** MADAP Value Added VERA Communication Object

**VERT** Vertical

**VESA** Video Electronics Standards Association

**VESDA** Very Early Smoke Detection Apparatus (Fire Alarm System)

**VET** Visualisateur Electronique de Texte **VEX** Video Extension to X (Windows)

**VEX** Vertical Expansion

VF Validation Framework
VF Voice Frequency
VFG Validation Focus Group
VFG Visual Flight Guide

**VFO** Variable Frequency Oscillator

**VFOP** Visual Flight Rules Operations Panel

**VFR** Visual Flight Rules

**VG** Validity Generalization

**VG** Vertical Gyro

VGA Variable Geometric Area VGA Video Graphics Array

VGS VHF Datalink Ground Stations
VGSI Visual Guidance Slope Indicator

**VHC** Very High Capacity

**VHCn** Very High Capacity Needs

VHFVery High Frequency (30 - 300 MHz)VHF R/TVery High Frequency Radio/Telephony

**VHF-OTF** VHF Operations Task Force

**VHFAMS** Very High Frequency Aeronautical Mobile Services

**VHLM** Very High Level Management

**VHS** Video Home System

**VHZ** Vereinigte Hauptzentrale (DE)

VI Heading to Intercept
Vi Voice Interface

**VIA** Versatile Interface Adapter

**VIA** By Way Of ...

**VICTOR** Visualización Integrada de Control de Torre (ES) / ATC Integrated

display for TWR

**VID** Visual Image Display

Video Video

**VIF** Validation Infrastructure

**VIM** Vendor Independent Messaging (Interface)

**VIP** Very Light Jet Integration Platform



\	V/
VIP	Very Important Person
Vis	Visual aids
VIS	Visibility
VIS	Visueller Spektralbereich (DE)
Vis	Visit
VIS1	Visibility Condition 1 (A-SMGCS)
VIS2	Visibility Condition 2 (A-SMGCS)
VIS3	Visibility Condition 3 (A-SMGCS)
VIS4	Visibility Condition 4 (A-SMGCS)
VISAID	Visual Landing Aid
VIT	Voluntary Intervention Team
VIVO	Visualisation des Vols Oceaniques
VKS	Military Space Forces
VL VLA	Very Light Airplane
VLA	Very Light Airplane
VLAN	Virtual Local Area Network
VLBI	Very Long Baseline Interferometry
VLCT	Very Large capacity Transport
VLD	Very Large-scale Demonstrations
VLF	Very Low Frequency
VLF	Very Lines Lines
VLJ	Very Light Jet
VLL	Very Low Level (RPAS Category)
VLMC	Virtual Link Management Channel
VLMF	Very Low frequency Magnetic Field
VLOS	Visited Leasting Register
VLR	Visited Location Register
VLR	Very Light Batagraft
VLR	Very Light Rotorcraft
VLS	Voice Logging System
VLSI VLUT	Very Large-scale Integration
VM	Video Look-up Table Virtual Machine
VM	Heading to a Manual Termination
VM	Voice Messaging
VMC	Visual Meteorological Conditions
VMD	Video Motion Detector
VME	VDL Management Entity
VMMS	VHF Multi-frequency Management System
Vmo	Maximum Operating Limit Speed
VMS	Virtual Memory System
VMS	Voice Messaging Service
VN	Valid Negatives
VNAV	Vertical Navigation
714/1V	V CI dical I Mavigation



VNCA Vtam Node Control Application VNSE Vertical Navigation System Error

**VNTSC** Volpe National Transportation System Center

**VOB** Versioned Object Base

**vocoder** Voice coder

**VOCODER** Voice Coder Decoder

VOI Volume of Operational Interest VoIP Voice Over Internet Protocol

**VOL** Value of Life **VOL** Volume

**VOLCEX** ICAO Volcanic Ash Exercises

**VOLMET** Routine Voice Broadcasts of MET Information for Aircraft in Flight

**VON** Virtual On-net

**VOR** Very High Frequency Omnidirectional Radio Range

**VOR-A** Very High Frequency Omnidirectional Range Station Circling

Approach

**VOR-TACAN** Combined VOR and TACAN

**VOR/DME** VHF Omni-directional Ranging / Distance Measurement Equipment

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Authors: N. Rieck & M.-M. Temme

**VORTAC** Combined VOR and TACAN VOSL Value of Statistical Life

**VOT** VOR Test Facility

VOT VOR Airborne Equipment Test Facility
VOT VHF Omnidirectional Range Test

VP Vertical Profile
VP Virtual Path
VP Valid Positives
VPA Variable Profile Area
VPAE Vertical Profile Angle Error
VPC Virtual Path Connection
VPD Vertical Polar Diagram

V/PD Vehicle/Pedestrian Deviation
VPDG Validation Plan Drafting Group

Vertical Position Error **VPE VPI** Virtual Path Identifier **VPIP** Vertical Intercept Point Vertical Protection Level **VPL** Virtual Private Network **VPN VPOL** Vertical Polarization Vertical Pressure Profile **VPP VPT** Virtual Path Termination

VQL Variable Quantizing Level VQL Visual Query Language

**VR** Heading to a VOR Radial



\/D A B#	Vide - DANA
VRAM	Video RAM
VRB	Variable
VRC	Vertical Redundancy Check
VRC	Vertical Rate of Change
VRC	View Reference Coordinates
VRC	Vertical Rate of Change
Vref VRNP	Threshold speed Vertical Required Navigation Performance
VRRP	Voice Recorder Replacement Program
VRRS	Voice Recorder Replacement Program  Voice Recording and Display System
VRS	Voice Response/Recording System
VS	Virtual Storage
VS	Vocational Stabilization
VS	Traffic Volume Sets
VS	Vertical Status
VS	Virtualization of Service Provision
VSA	by Visual reference to the Ground
VSA	Visual Separation on Approach
VSAM	Virtual Storage Access Method
VSAT	Very Small Aperture Terminal
VSBP	Voice Switch Bypass
VSBY	Visibility
VSCS	Voice Switching and Control System
VSD	Vision and Strategy Document
VSE	Virtual Storage Extended
VSG	Validation Sub-group
VSI	Vertical Speed Indicator
VSI	Validation Support Interface
VSIG	Vertical Separation Implementation Group
Vsl	Visual Aids
VSL	Vertical Stack List
VSM	Vertical Separation Minimum
VSM	Vertical Separation Monitoring
VSP	Vertical Speed
VSP	Variable System Parameter
VSS	VDL Specific Services
VSSG	Vertical Separation Sub-group
VSWR	Voltage Standing Wave Ratio
VT	Vertical Tabulation
VT	Vertical
VT	Virtual Terminal
VT	Valid Time
VTA	Vertex Time of Arrival
VTAC	VOR collocated with TACAN



VTAM	Virtual Telecommunications Access Method
VTM	Vacuum Tube Voltmeter
VTMS	Voice Text Message System
VTN	Voice Telecommunications Network
VTOL	Vertical Take-off and Landing
VTP	Virtual Terminal
VTS	Vessel Traffic Services
VTS	Voice Telecommunications System
VTT	Variable Taxi Time
VTT	Vertical Threshold Test
VUB	Vorschriften und Betriebsunterlagen (DE)
VV	Verification and Validation
VV&T	Verification, Validation and Testing
VVCO	Vertical View Communication Object
VVD	Vertical View Display
VVIEW	Vertical VIEW
VVP	Volume Velocity Processing
VWF	Video for Windows
VWS	Vertical Wind Shear
VWU	Viewing Unit Western longitude
Vx	Version x

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme



## 2.24. Letter - W

W	Watt
W	West
W	White

WWake Vortex CategoryW/EWarning/Error Condition

W/S WorkStation

**W/T** Wind/Temperature

**W/U** Wilco/Unable (CPDLC Response Type)

W/V Wind Velocity and Direction W3C World Wide Web Consortium

WA Wide Area

**WA** EATM Working Arrangements

**WA** working arrangement

**WA** Weather Area

**WAA** Wide Area Augmentation

**WAAS** Wide Area Augmentation System (US)

WAC World Aeronautical Chart
WAC West Assistant Controller
WAC World ATM Congress

**WACC** Weighted Average Cost of Capital

**WACS** Wireless Airport Communication Systems

WAD Wide Area Differential WAD-GNSS Wide Area Differential GNSS

**WADGNSS** Wide Area Differential Global Navigation Satellite System

WAPS Wide Area Differential GPS WAFC World Area Forecast Centre WAPS World Area Forecast System

**WAFTAGE** Winds Analyzed and Forecast for Technical Aircraft Guidance over

Europe

**WAGE** Wide Area GPS Enhancement Program

**WAI** Women in Aviation International

**WAIT** Parking Facility for Up to 3 Incoming Calls (VCS)

**WAIT** Wait time

**WAKESEP** Wake Vortex Separation Reductions

**WAM** Wide Area Multilateration **WAMLAT** Wide Area Multi Alteration

WAN Wide Area Network
WAP Wireless Access Protocol

**WAR** Warning

**WARC** World Administrative Radio Conference

**WARC-MOB** World Administrative Radio Communication Conference - Mobile

Communication.

**WAREP** Warnmeldung vor aufgetretenen gefährlichen



	Wettererscheinungen (DE)
WARP	Weather and Radar Processor
WASS	Wide Area Augmentation System - GPS
WB	World Bank
WB	Westbound
WBAR	Wing BAR lights
WBC-SD	World Business Council for Sustainable Development
WBE	Work Breakdown Element
WBS	Wheel Braking System
WBS	Work Breakdown Structure
WBS	Web Seal
WBT	Web-based Training
WC	Working Cell/Center
WC	World Coordinates
WC	Waypoint Capture
WCAM	Weather Camera
WCC	West Coordinating Controller
WCG	Washington Consultant Group
WCIS	Workmen's Compensation Information System
WCL	Weather Channel
WCM	World Cloud Map
WCO	Wilco
WCP	Weather Communications Processor
WCS	Web Coverage Service
WDF	World Duty Free
WDG	Watchdog
WDI	Wind Direction Indicator
WDM	Wavelength Division Multiplexing
WDPS	Weather Data Processing
WDS	Weather Dependent Separation
WDSPR	Widespread
WDW	(Screen) Window
WDW	Window
WEA	Whole ECAC Area
WEC	West Executive Controller
WECO	Western Electric Company
WED	Wednesday
WEF	With Effect From
WE-FREE	Week End Free Route for Environmental Efficiency
WEO	West Executive Overflow
WEP	Wired Equivalent Privacy
WESCOM	Western Electric Satellite Communications
WEST	Weather, Equipment, Situation, Traffic
WEU	Western European Union (Military Matters)



WFD	Widespread Fatigue Damage
WFO	Weather Forecast Office
WFQ	Weighted Fair Queuing
WFS	Web Feature Service
WG	Working Group
WG Number	Working Group 1,2,3
WG Letter	Working Group A,B,C
WGPDS	Word and Graphics Process Documentation System
WGR	Working Group on Route Charges
WGRSG	Sub-group of the Charges Working Group
WGS	World Geodetic Survey
WGS	World Geodetic System
WGS 84	World Geodetic System -Map Projection System Defined by the
	International Union of Geodesy and Geophysics (IUGG)
WGS-72	World Geodetic System/Standard (1972)
WGS-84	World Geodetic System 84, which is the ICAO Recommended
111000	Parameterization of an Ellipsoid Earth Model
WGS84	World Geodetic System 1984
WGS84	World Geodetic System 84
WGTS	Working Group of Training Specialists
WHC	West High Coordinator controller
WHE	West High Executive controller
WHO	World Health Organization
WHORU	Who are you? (CWP Status/Configuration)
WHOT	What's Happening Out There? Within
WI WI	Work Instructions
WIAS	Wetterdaten und Informations-Anzeigesystem (DFS) (DE)
WIC	Weekly Information Corner
WID	Width
WIDAO	Wake Independent Departure and Arrival Operations
WIE	With Immediate Effect
WiFi	Wireless Fidelity
WILCO	Will Comply
WIMAX	Worldwide Interoperability for Microwave Access
WIMP	Windows, Icons, Mouse and Pointers (ODS)
WINTEM	Forecast Upper Winds and Temperatures for Aviation
WIO	West Input Operator
WIP	Work in Progress
WIPO	World Intellectual Property Organization
WIPP	WAAS Integrity Performance Panel
WIR	What-If Re-routing
WIRS	Wide Area Reference Stations
WISDOM	World Interconnected Sources Database of Operational Movements



WKN	Weakening
WKSP	Transmission Centers Workshop
WL	Workload
WLA	Workload Assessment
WLAN	Wireless Local Area Network
WM	Working Memory
WM	Working Practice Management
WMB	Window Management Button, (Mouse / Trackball)
WMC	World Meteorological Centre
WMO	World Meteorological Organization
WMS	Web Map Service
WMS	Wide-area Master Station
WMSC	Weather Message Switching Center (US)
WNT	WAAS Network Time
WNW	West-North-West
WO	Without
WOC	Wing Operations Centre
WOCC	Washington Operations Center Complex
WOCL	Window of Circadian Low
WOD	Word of the Day
WORM	Write Once, Read Many (Digital Storage Medium)
WP	Work Package
WP	Way Point
WP	Working Paper
WP	Work Program
WP	Working Position
WPCG	Work Program Coordination Group
WPD	Work Program Document
WPG	Agency Web Publication User Group
WPG	Wise Persons Group
WPL	Work Package Leaders
WPM	Words per Minute
WPn	First Waypoint in the Next Sector
WPP	Working Position Processor
WPR WPS	Waypoint Position Report
WPs	Working Practices Working Positions
WPT	Way-point (or Waypoint)
WPx	Next Waypoint on the Flight Plan
WR	Weather Radar
WRC	Work station Resource Centre
WRC	World Radiocommunication Conference
WRED	Weighted Random Early Detection
WRF	Weather Research and Forecasting Model
A A 1 / 1	vvedirer hesearch and rorecasting Model



WRI	Written Assessment
WRNG	Warning
WRS	Wide Area Augmentation System Reference Station
WRS	Wide Area Reference Stations
WRT	With Respect to
WS	Work Station
WS	Watch Supervisor
WS	Wind Shear
WSA	Western Service Area
WSC	Western Service Center
WSC	West Sector Coordinator
WSCMO	Weather Service Contract Meteorological Office (US)
WSDL	Web Service Definition Language
WSFO	Weather Service Forecast Office
WSO	Weapons Systems Operator
WSO	Weather Service Office (US)
WSP	Weather Systems Processor
WSPD	Windspeed
WSR	Weather Surveillance Radar
WSUS	Windows Server Update Service
WSW	West-South-West
WSWS	Wirbelschleppenwarnsystem (Wake Turbulence Warning System)
WT	Wake Turbulence
WTC	Wake Turbulence Category
WTN	Within
WTP	Willingness to Pay
WTHR	Weather
WTTF	Wind Turbine Task Force
WTWS	Wind Shear and Turbulence Warning System
WUT	Wheels-up Time
WV	Wake Vortex
WV	Water Vapor
WVTF	Wake Vortex Task Force
WW2	World War II
WWLUA	Wijziging Werkwijze Luchtverkeerbeveiliging in de Upper Airspace
	(NL)
WWTUG	Worldwide TAAM User Group
WWW	World Wether Watch
WWW	World Wide Web
WX	Weather
WX	Qualitätsgesichertes 5-min Deutschlandkomposit RADAR-Bild (DE)
WXCM	Weather Exchange Conceptual Model
WX DEV	Weather Deviation
WXMS	Weather Mapping System

#### Air Traffic Management Abbreviation Compendium



**WX NIL** No significant weather **WXR** Airborne Weather Radar

**WXXM** Weather Information Exchange Model **WXXS** Weather Information Exchange Schema

**WYSIWYG** What You See Is What You Get WYSIWYP What You See Is What You Print

Date: 2021-01-28

Authors: N. Rieck & M.-M. Temme



#### 2.25. Letter – X

X	Cross
X-axis	Horizontal Plane
X-band	X-band (Radar Frequency Band)
X-Gate	Exit Gate
X-pulse	Pulse Position 8 in a Classical SSR Reply
X.121	CCITT Data Network Addressing Standard
X.25	Packet Switched Data Network
X.25	X.25 (ISO Networking Standard)
X.25	Message Handling Protocol
X.25	CCITT / ITU-T Packet Switched Data Interchange Standard
X.400	The OSI Message Handling Protocol
X.435	ITU-T Recommendations on EDI Messaging
X.440	ITU-T Recommendations X.440 on Voice Messaging Systems
X.500	Directory Standards
X25	Standard protocol in telecommunications
XA	Exit Arrival
XAP	Crossing Alternate Proposal Message
XASM	Cancel Assume
XASP	Extended AIRCOM Service Processor
XBAR	Crossbar (of Approach Lighting System)
XBD	Boundary Crossing Flight Level
XBRIGHT	Cancel Increased Intensity of a Selected Track in Own Sector
XBRIGHT	Cancel Highlighting
XBYPASS	Cancel BYPASS
XCC	Cancel Code Callsign
XCD	Exceptional Conditions
XCM	Crossing Request Cancelation Message
XCONF	Cancel Conflict Warning Symbols in the ECMS Concerned
XCONF	Delete Conflict
XCOORD	Cancel Coordination
XCOP	Exit Coordination Point
XCORD	Cancel Correlation
XCORR	Cancel Correlation  Either an ADCE or a GDCE
XDCE XDLP	Either an ADLP or a GDLP
XDR	External Data Representation
XECM	Cancel Executive Controller Message
XECM	Erase ECM Display
XERM	Cancel ERM
XEU	European Currency Unit (ECU)
XEXPLT	Cancel Extrapolation
XF	Translated-form Addressing Scheme
M	Translated Total Addressing Scheme



XFDM	Cancel FDM
XFER	Transfer
XFF	Extended Free-flight
XFL	Exit Flight Level (From a Sector or Volume of Airspace)
XFRQ	Cancel Frequency message
XGA	Extended Graphics Array
XGEO	Cancel GEO
XHOLD	Cancel Hold
XID	Exchange Identification
XIFL	Cancel Intermediate Flight Level
XIN	Military Crossing Intention Notification Message
XIN	Crossing intentions
XL	Exit Lateral
XLS	Excel Program
XLS	Instrument Approach using either ILS, MLS, SBAS or GBAS
XMAN	Cross Border Arrival Management
XMAN	Group of AMAN, DMAN, SMAN, TMAN, SGMAN
XMET	Cancel METAR
XMIB	Cross-domain Management Information Base
XML	Extensible Markup Language
XMS	Extended Memory Specification
XMT	Transmission
XMT	Excluding (Message)
XNG	Crossing
xNOTAM	Digital NOTAM
XNSSR	Exit NSSR
XOFF/PDR	Cancel off Predetermined Route
XOL	X (Windows) Open Look
XOR	Exclusive OR
XPDR	Transponder (Abbreviated Term)
XPFL	Cancel Planned Flight Level
XPG XPLN	Excellence Policy Group of ANSP Managers Cancel Flight Plan
XPNDR	Transponder (Abbreviated Term)
XPT	Exit Point
XPT	Exit Point of a Sector
XQDM	Cancel QDM
XRA	Crossing Request Answer
XRANGE	Cancel Range Marker
XRNG	Cancel Range Marker
XRQ	Airspace Crossing Request Message (Airspace Crossing Dialogue)
XS	Atmospherics
XSD	XML Schema Definition
	Cancel Supplementary Flight Level
XSFL	Cancer Supplementary Filant Level



**XSKIP** Cancel SKIP

**XSSDU** Expedited SSDU Data

**XSSR** Exit SSR

**XSSRBRIGH** Cancel SSR Highlight

**XSSRBRIGH** Cancel SSR Bright Input in Own Sector

**XSTAT** Cancel Statistics

**XSTAT** (Exclude from) Statistics

**xStream** Cross-border SESAR Trials for Enhanced Arrival Management

**XT** Extended Technology (PC)

**XTDCP** Cancel DCP Test

XTDCP Cancel Test Display Control Panel
XTEDD Cancel Test Electronic Data Display

**XTFL** Cancel Transfer Flight Level

**XTI** X-Open Transport Layer Interface

**XTK** Cross Track Distance

XTRK Cancel Track XTRK Cross Track Error

XXX Across Track Tolerance

Outside of Validity Range (Base or Top of a Layer) of a

Significant Weather Chart



#### 2.26. Letter - Y

**Y** Yes

**Y-axis** Horizontal Plane

Y2000 Year 2000 Y2K Year 2000 Bug Y2K Year 2000

YAG Yttrium Aluminum Garnet

**YCZ** Yellow Caution Zone (Runway Lighting)

YD Yard (Length of 3 Feet)
YIG Yttrium Iron Garnet

**YR** Your

YTD Year to Date

**YU** The Federal Republic of Yugoslavia (ISO Countries Codes)



#### 2.27. Letter – Z

Z-axiZ-componentZulu TimeVertical PlaneVertical Plane

**Z-count** 29-bit Binary Number Consisting of the Fundamental GPS Time **ZAMG** Zentralanstalt für Meteorologie und Geophysik, Wien (DE)

**ZBTSI** Zero Byte Time Slot Interchange

ZDR
ZFTT
Zero Flight Time Training
ZH
Horizontal Reflectivity
ZI
Maximum Reflectivity
ZIF
Zero Insertion Force
Zigzag In-line Package

**ZKSD** Zentraler Kontrollstreifendruck (DE)

**ZNY** New York Air Route Traffic Control Center

**ZOC** Zone of Convergence Zero Security Architecture

**ZT** Zone Time

**ZTS** Zero Trust Security **ZV** Vertical Reflectivity

**ZVE** Zentrale Überwachung (DE)

**ZVF** Zero Velocity Filter



# 3. Further Directories

# 3.1. The Convention on International Civil Aviation Organization (ICAO)

Annex Number	Definition
Annex 1	Personnel Licensing
Annex 2	Rules of the Air
Annex 3	Meteorological Services
Annex 4	Aeronautical Charts
Annex 5	Units of Measurement
Annex 6	Operation of Aircraft
Annex 7	Aircraft Nationality and Registration Marks
Annex 8	Airworthiness of Aircraft
Annex 9	Facilitation
Annex 10	Aeronautical Telecommunications
Annex 11	Air Traffic Services
Annex 12	Search and Rescue
Annex 13	Aircraft Accident and Incident Investigation
Annex 14	Aerodromes
Annex 15	Aeronautical Information Services
Annex 16	Environmental Protection
Annex 17	Security
Annex 18	The Safe Transportation of Dangerous Goods by Air
Annex 19	Safety Management



# 3.2. Aeronautical Radio Incorporated

<b>ARINC Number</b>	Definition
400 Series	The 400 Series Describes Guidelines for Installation, Wiring, Data Buses,
	and Databases
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 and Avionics Service Bulletins
ARINC 424	Navigation System Data Base
ARINC 429	Mark 33 Digital Information Transfer System
500 Series	The 500 Series Describes Older Analog Avionics Equipment Used on Early
	Jet Aircraft such as the Boeing 727, Douglas DC-9, DC-10, Boeing 737 and
A DINIC FOO	747, and Airbus A300
ARINC 528	Airborne Tape Recorder
ARINC 533A	Airborne HF SSB/AM System
ARINC 541	Airborne Magnetic Flight Data Recorder
ARINC 542	Airborne Oscillograph Flight Data Recorder
ARINC 542A	Digital Flight Data Recorder
ARINC 551	Airborne Glide Slope Receiver - Mark 2
ARINC 557	Airborne Voice Recorder
ARINC 559A	Mark 2 Airborne HF SSB/AM System
ARINC 561	Air Transport Inertial Navigation System - INS
ARINC 566	Airborne VHF Communications Transceiver And Mark 1 VHF SATCOM
ADING EGGA	System  Mark 3 VHF Communications Transceiver
ARINC 566A ARINC 569	
ARINC 569	Airborne Distance Measuring Equipment
ARINC 509 ARINC 571	Heading and Altitude Sensor (HAS) Inertial Reference System (INS)
ARINC 572 ARINC 573	Mark 2 Air Traffic Control Transponder Aircraft Integrated Data System (AIDS) Mark 2
ARINC 573 ARINC 574	Aircraft Integrated Data System (AIDS) Mark 2  Passanger Appropriate Entertainment and Service Multipley System
	Passenger Announcement, Entertainment and Service Multiplex System Mark 3 Subsonic Air Data System (Digital)
ARINC 575 ARINC 576	, , ,
	Mark 4 Subsonic Air Data System
ARINC 577	Audible Warning System
ARINC 578	Airborne ILS Receiver



ARINC 579	Airborne VOR Receiver
ARINC 585	Electronic Chronometer System
ARINC 591	Quick Access Recorder for Aids System (OAR)
ARINC 592	Airborne Passenger Tape Record
ARINC 594	Ground Proximity Warning System (GPWS)
ARINC 595	Barometric Altitude Rate Computer
ARINC 596	Mark 2 Airborne SELCAL System
ARINC 597	Aircraft Communications Addressing and Reporting System (ACARS)
ARINC 597A	Enhanced ACARS Avionics
ARINC 59MA	Airborne Announcement Tape Reproducer
600 Series	The 600 Series are Reference Standards for Avionics Equipment Specified
	by the ARINC 700 Series
ARINC 600	Air Transport Avionics Equipment Interfaces
ARINC 601	Control/Display Interfaces
ARINC 602	Test Equipment Guidance
ARINC 602A	Test Equipment Guidance
ARINC 603	Airborne Computer Data Loader
ARINC 604	Guidance For Design and Use of built-in Test Equipment (BITE)
ARINC 605	Users Guide for ARINC 616 Avionics Subset of ATLAS Language
ARINC 606	Guidance for Electrostatic Sensitive Device Utilisation and Protection, Sup.
	1
ARINC 608	Standard Modular Avionics Repair and Test System (SMART)
ARINC 609	Design Guidance for Aircraft Electrical Power Systems
ARINC 610	Guidance For Design and Integration of Aircraft Avionics Equipment In
	Simulators, Supplement 1
ARINC 611	Guidance for The Design and Installation of Fuel Quantity Systems, Sup. 1
ARINC 612	BITE Glossary
ARINC 613	Guidance for Using the Ada Programming Language in Avionics Systems
ARINC 614	Standard Firmware Loader for Avionics Shops
ARINC 615	Airborne Computer High Speed Data Loader, Supplement 3
ARINC 616	Avionics Subset of ATLAS Language
ARINC 620	Data Link Ground System Standard and Interface Specification
ARINC 623	North American Specification for ACARS-based Messages
ARINC 624	Design Guidance for Onboard Maintenance System
ARINC 626	Standard ATLAS for Modular Test
ARINC 627	Programmers Guide for Smart Systems Using ARINC 626 ATLAS
ARINC 629	Multi-transmitter Data Bus
ARINC 629	Multi Tester Data Bus
ARINC 631	Aviation Packet Communications Functional Description
ARINC 651	Design Guidance for Integrated Modular Electronics
ARINC 659	Backplane Data Bus for Integrated Modular Avionics
700 Series	The 700 Series Describes the Form, Fit, and Function of Avionics
	Equipment Installed Predominately on Transport Category Aircraft
ARINC 701	Flight Control Computer System



ARINC 702	Flight Management Computer, Supplement 4 and 5
ARINC 703	Thrust Control Computer
ARINC 704	Inertial Reference System, Supplement 6
ARINC 705	Altitude and Heading Reference System (AHRS)
ARINC 706	Subsonic Air Data System
ARINC 707	Radio Altimeter, Supplement 6
ARINC 708	Airborne Weather Radar
ARINC 709	Airborne Distance Measuring Equipment, Supplement 8
ARINC 709A	Precision Airborne Distance Measuring Equipment
ARINC 710	Mark 2 Airborne ILS Receiver
ARINC 711	Mark 2 Airborne VOR Receiver
ARINC 714	Mark 3 Airborne SELCAL Systems
ARINC 715	Airborne Passenger Address Amplifier
ARINC 716	Airborne VHF Communications Transceiver
ARINC 717	Flight Data Acquisition and Recording System
ARINC 718	Mark 3 ATC Transponder
ARINC 719	Airborne HF/SSB System
ARINC 720	Digital Frequency/Function Selection for Airborne
ARINC 722	Electronic Equipment Protection Video System
ARINC 723	Ground Proximity Warning System (GPWS)
ARINC 724	Mark 2 Aircraft Communications
ARINC 724A	Mark 2 ACARS Avionics
ARINC 724B	Aircraft Communications Addressing and Reporting System (ACARS)
ARINC 725	Electronic Flight Instruments (EFIS)
ARINC 726	Flight Warning Computer System
ARINC 727	Airborne Microwave Landing System
ARINC 728	Avionics Refrigeration and Cooling System (ARCS)
ARINC 729	Analog and Discrete Data Converter System
ARINC 730	Airborne Separator Assurance System
ARINC 731	Electronic Chronometer
ARINC 732	Mark 2 Airborne Passenger Audio Entertainment Tape Reproducer,
	Supplement 1
ARINC 735	Traffic Alert and Collision Avoidance System (TCAS), Supplement 1
ARINC 737	On Board Weight and Balance System. Supplement 1
ARINC 738	Air Data and Inertial Reference System (ADIRS)
ARINC 739	Multi-purpose Control and Display Unit
ARINC 740	Multiple-input Cockpit Printer
<b>ARINC 7411P2</b>	Aviation Satellite Communication System Part 2 - Satellite Design
ARINC 741P1	Aviation Satellite Communication System Part I - Aircraft Installation
	Provisions
ARINC 741P4	Aviation Satellite Communications System Part 4 - Specification and
	Description Language
ARINC 742	Design Guidance For Wind Shear Warning and Guidance Equipment
ARINC 743	Airborne Global Positioning System Receiver



ARINC 743A ARINC 744 ARINC 745 ARINC 746 ARINC 747 ARINC 748 ARINC 750 ARINC 751 ARINC 752 ARINC 753 ARINC 757	GPS/GLONASS Sensor Full Format Printer Automatic Dependent Surveillance, Supplement 1 Cabin Communications System, Supplement 1 Flight Data Recorder Communications Management Unit (CMU) VHF Data Radio (VDR) Gate-aircraft Terminal Environment Link (Gatelink) - Aircraft Side TFTS Airborne Radio Sub-system HF Data Link System Cockpit Voice Recorder (CVR)
ARINC539A	Airborne 400 Hz AC Tape Reproducer
800 Series	The 800 Series Comprises a Set of Aviation Standards for Aircraft, Including Fiber Optics Used in High-speed Data Buses
ARINC 801 ARINC 810	Through 807 Define the Application of Fiber Optics on the Aircraft Standard for the Integration of Aircraft Galley Inserts and Associated Interfaces Title: Definition of Standard Interfaces for Galley Insert (GAIN) Equipment, Physical Interfaces
ARINC 811	Provides a Common Understanding of Information Security Concepts as they Relate to Airborne Networks, and Provides a Framework for Evaluating the Security of Airborne Networked Systems
ARINC 812	Standard for the Integration of Aircraft Galley Inserts and Associated Interfaces
ARINC 816	Defines a Database for Airport Moving Maps
ARINC 817	Defines a Low-speed Digital Video Interface
ARINC 818	Defines a High-speed Digital Video Interface Standard Developed for High Bandwidth, Low Latency, Uncompressed Digital Video Transmission
ARINC 821	Top-level Networking Definition Describing Aircraft Domains, File Servers and Other Infrastructure
ARINC 822	Standard for Gatelink
ARINC 823	Standard for end-to-End Datalink Encryption
ARINC 825	Standard for Controller Area Network Bus Protocol for Airborne Use
ARINC 826	Protocol for Avionic Data Loading Over a Controller Area Network Bus
ARINC 827	Specifies a Crate Format for Electronic Distribution of Software Parts for Aircraft
ARINC 828	Defines Aircraft Wiring Provisions and Electrical Interface Standards for Electronic Flight Bag (EFB)
ARINC 834	Defines an Aircraft Data Interface that Sources Data to Electronic Flight Bags, Airborne File Servers, etc.
ARINC 836 ARINC 838 ARINC 839	Describes Modular Rack-style Aircraft Cabin Standard Enclosures Provides a Standardized XML Description for Loadable Software Parts Function Definition of Airborne Manager of Air-ground Interface Communications (MAGIC)



**ARINC 840** Defines the Application Control Interface (ACI) Used with an Electronic

Flight Bag (EFB)

**ARINC 841** Defines Media Independent Aircraft Messaging

**ARINC 842** Provides Guidance for Usage of Digital Certificates on Airplane Avionics

and Cabin Equipment



# 3.3. Certification Specifications

CS Number	Definition
CS-22	Certification Specifications for Sailplanes and Powered Sailplanes
CS-23	Certification Specifications for Normal, Utility, Aerobatic and Commuter
	Aeroplanes
CS-25	Certification Specifications and Acceptable Means of Compliance for
	Large Aeroplanes
CS-26	Additional Airworthiness Specifications for Operations
CS-27	Certification Specifications and Acceptable Means of Compliance for
	Small Rotorcraft
CS-29	Certification Specifications and Acceptable Means of Compliance for
	Large Rotorcraft
CS-31GB	Certification Specifications and Acceptable Means of Compliance for Free
	Gas Balloons
CS-31HB	Certification Specifications and Acceptable Means of Compliance for Hot
CC 24TCD	Air Balloons
CS-31TGB	Certification Specifications and Acceptable Means of Compliance for
CS-34	Tethered Gas Balloons  Cortification Specifications Assentable Means of Compliance and
C3-34	Certification Specifications, Acceptable Means of Compliance and Guidance Material for Aircraft Engine Emissions and Fuel Venting
CS-36	Certification Specifications, Acceptable Means of Compliance and
C3-30	Guidance Material for Aircraft Noise
CS-ACNS	Certification Specifications and Acceptable Means of Compliance for
CS / (CITS	Airborne Communications, Navigation and Surveillance
CS-ADR-DSN	Certification Specifications and Guidance Material for Aerodromes Design
CS-APU	Certification Specifications, including Airworthiness Codes and Acceptable
	Means of Compliance, for Auxiliary Power Units
CS-AWO	Certification Specifications, including Airworthiness Codes and Acceptable
	Means of Compliance, for All Weather Operations
CS-CCD	Certification Specifications and Guidance Material for Cabin Crew Data
<b>CS-Definitions</b>	Definitions and abbreviations used in the Certification Specifications for
	Products, Parts and Appliances
CS-E	Certification Specifications and Acceptable Means of Compliance for
	Engines
CS-ETSO	Certification Specifications for European Technical Standard Orders
CS-FCD	Certification Specifications for Operational Suitability Data (OSD) — Flight
CC FCTD(A)	Crew Data
CS-FSTD(A)	Certification Specifications for Aeroplane Flight Simulation Training
CC ECTD/U\	Devices  Cortification Specifications for Heliconter Flight Simulation Training
CS-FSTD(H)	Certification Specifications for Helicopter Flight Simulation Training
CS-FTL.1	Devices  Certification Specifications and Guidance Material for Commercial Air
C3-F1L.1	Transport by Aeroplane — Scheduled and Charter Operations
	Transport by Aeropiane Scheduled and Charter Operations



**CS-FTL.2** Certification Specifications and Guidance Material for Commercial Air

Transport by Aeroplane — Air Taxi Operations and Aeroplane Emergency

Medical Service (AEMS) Operations

**CS-FTL.3** Certification Specifications and Guidance Material for Commercial Air

Transport by Helicopter — Helicopter Emergency Medical Service (HEMS)

Operations

**CS-GEN-MMEL** Certification Specifications and Guidance Material for Generic Master

Minimum Equipment List

**CS-LSA** Certification Specifications and Acceptable Means of Compliance for Light

**Sport Aeroplanes** 

**CS-MMEL** Certification Specifications and Guidance Material for Master Minimum

**Equipment List** 

**CS-P** Certification Specifications for Propellers

**CS-SIMD** Certification Specifications and Guidance Material for Simulator Data **CS-STAN** Certification Specifications for Standard Changes and Standard Repairs

**CS-VLA** Certification Specifications for Very Light Aeroplanes

**CS-VLR** Certification Specifications and Acceptable Means of Compliance for Very

Light Rotorcraft



# 3.4. American City Acronym List

Acronym	Definition
ZAB	Albuquerque Center
ZAN	Anchorage Center
ZAU	Chicago Center
ZBW	Boston Center
ZDC	Washington Center
ZDV	Denver Center
ZFW	Fort Worth Center
ZHU	Houston Center
ZID	Indianapolis Center
ZJX	Jacksonville Center
ZKC	Kansas City Center
ZLA	Los Angeles Center
ZLC	Salt Lake Center
ZMA	Miami Center
ZME	Memphis Center
ZMP	Minneapolis Center
ZNY	New York Center
ZOA	Oakland Center
ZOB	Cleveland Center
ZSE	Seattle Center
ZTL	Atlanta Center
ZWY	New York Oceanic Airspace



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