Aeronautical Codes and Abbreviations

Reference Handbook

Parham Alibakhshi

نشر سها

Part of:

Dorna FOUNDATION

Version: 1.0 | Sep, 2022

Intentionally Left Blank

Proudly Presented to My

PARENTS

Who Dedicated Their Life
to My Future and Goals

با افتخار تقدیم به

پدر و مادر

عزیزتر از جانم که زندگی
خود را فدای آینده و اهدافم
کردند.

Acknowledgment

My gratitude to you for all you have done, which I will never forget, I truly appreciate you and your time spent helping me in many occasions to change my life.

Thanks to Dr. Reza Tahvildaran, Dr. Seyed Davood Akhavan Kazemi, Capt. Reza Shahbazi and Mrs. Aysan Shadmand

N&A PUBLISHING

Aeronautical Abbreviations and Codes

Reference Handbook

ISBN: 978-622-7500-64-6

Author: Parham Alibakhshi
Scientific Editor: Parham Alibakhshi
Technical Editors: Mohammad-Hesam Nasiri & Parsa Alibakhshi
Art Director:Jalal Mohebi-Raad
Graphic and Layout: Parham Alibakhshi
Head of Production: Shoka Shakiba
Printing Observer: Ali Momtazi
Release Tag: First - Fall 2022
Printing and Binding: Chap -e- Sohaa

Title and Name of Creator: Aeronautical Abbreviations and Codes Reference Handbook
Publication Details: Sahaa, Tehran, Iran 2022
Visible Details: 302 pages, 14.5*21.5 cm
ISBN: 978-622-7500-64-6
Cataloging Status: C.I.P.
Genre (Iran): Aeronautics - Dictionaries
Genre (BISAC-North America): Transportation / Aviation / Piloting & Flight Instruction (TRA002050)
Library of Congress Classification: TL 509
Dewey Decimal Classification: 1300321/629
National Library and Archives of Iran Catalogue No. : 9008965

Printed in Iran
چاپ شده در ایران

Dorna FOUNDATION
Publication Group

عنوان: کتاب مرجع کد ها و مخفف های هوانوردی
نویسنده: پرهام علی بخشی
ویراستار علمی: پرهام علی بخشی
ویراستاران فنی: محمدحسام نصیری و پارسا علی بخشی
ویرستار علمی
مدیر هنری: جلال محبی راد
طراحی گرافیک و صفحه آرا: پرهام علی بخشی
سرپرست تولید: شکا شکیبا
ناظر چاپ: علی ممتازی
نوبت چاپ: اول - پاییز ۱۴۰۱
چاپ و صحافی: چاپ سها

عنوان و نام پدیدآورنده: Aeronautical Abbreviations and Codes Reference Handbook, Parham Alibakhshi
مشخصات نشر: تهران، ایران، سها، ۱۴۰۱
مشخصات ظاهری: ۳۰۲ص. ۵/۲۱*۵/۱۴ س م.
شابک: ۶-۶۴-۷۵۰۰-۶۲۲-۹۷۸
وضعیت فهرست نویسی: فیپا
موضوع (ایران): هوانوردی - واژه نامه
موضوع (BISAC- آمریکا شمالی): حمل ونقل / هوانوردی / خلبانی و آموزش پرواز (TRA۰۰۲۰۵۰)
رده بندی کنگره: TL۵۰۹
رده بندی دیویی: ۱۳۰.۳۲۱/۶۲۹
شماره کتابشناسی ملی: ۹۰۰۸۹۶۵

Digital Distribution
Amazon Kindle
410 Terry Ave N, Seattle, Washington DC, United States
Apple Books
One Apple Park Way, Cupertino, California, United States
Google Play Books
Amphitheatre Parkway, Mountain View, California, United States
Rakuten Kobo
Rakuten Crimson House, 1-14-1 Tamagawa, Setagaya-ku, Tokyo, Japan

N&A

Website: **NandA.OctalGroup.one**
Email: **NandA@OctalGroup.one**

FOREWORD

Idea of creating this book started when me and Parham ran "Octal Group Knowledge-based enterprise"

After more than 10 years of friendship we decided to gather around in a professional way, and by this gathering we decided to change our treatise of life via ideas and perspectives that wa had.

- ***Dorna Foundation*** (Freeware High-Definition Aviation-Focused Massive Open Online Course [MOOC])
- ***IT Branch Network*** (Freeware High-Definition Information Technology and Computer Sciences-Focused Massive Open Online Course [MOOC])
- ***Teachearn International*** (High-Definition Fundamental Sciences and Languages Training Material Producer)
- ***Mixel Entertainments*** (Groundbreaking and Innovative Music Distribution Label)
- ***N&A Publishing*** (Groundbreaking and Innovative Book and Training Material Publishing)
- And etc, which by checking our enterprise's website: https://octalgroup.com you can get more detailed information about them.

This books is result of monthes of effort, researching and planning ,24 hours 7 days of the week. It's first publicly shown work of our friendship. This path will be continued in mostly nonprofit ways to share high-level knowledges and skills with people all around world

A note from **Hesam Nasiri** | Summer 2022

INTRODUCTION

Aeronautical Abbreviations and Codes Reference Handbook is the world largest and most practical reference to frequent and notable acronyms, initialisms, codes and abbreviations used in the aviation industry and aeronautical sciences and its subsidiaries.

This N&A's reference handbook is designed to overcome one of the most notable needs of aircrew and related aviation industry personnel, helping to easily understand or decode their desired code or abbreviation.

For your information this book also contains a dedicated section to current ICAO, ISO 3166 ALPHA-2 and ISO 3166 ALPHA-3 country codes *(pages 289 until 296)*

With considering months of effort and working for creating this reference handbook, you may face problems inside its text and contents or you feel need of something should be added to this book. So for contacting us in this regard, **stay in touch via:**
Form: https://octalgroup.com/report
Email: report@octalgroup.com

Parham Alibakhshi
Summer 2022

TABLE OF CONTENT

NUMERICAL

1973

Imperial Iranian Air Force
Fokker F-27 Friendship
Le Bourget, Paris, France

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

A

ALPHA

1978

Imperial Iranian Air Force General Dynamics F-16 Fighting Falcon

Yazd, Iran

A	Amber
A	Ampere
A	at or Above
A	Autotuned NAVAID
A.ICE	Anti-Icing
A/A	Air-to-Air
A/BRK	Autobrake
A/C, a/c	Aircraft
A/COLL	Anti-Collision
A/D	Analog-to-Digital
A/D Converter	Analogue-to Digital Converter
A/DC	Analog-to-Digital Converter
A/G	Air-to-Ground
A/I	Accident Incident
A/I	Anti-ice
A/L	Auto Land
A/L	Airline
A/N	Alphanumeric
A/P	Autopilot
A/S	Airspeed
A/SKID	Anti-Skid
A/STAB	Auto Stabilizer
A/T	Autothrottle
A/THR	Autothrottle
AA	Approved agency
AAA	Advanced ATC System Amsterdam
AAA	Asian Airliners Association
AAA	Amended Meteorological Message
AAATS	Australian Advanced Air Traffic Services
AAC	Alpha Attenuation Coefficient
AAC	Aeronautical Administration Communication
AAC	Airline Administrative Communication

AACC	Airport Associations Coordinating Council
AACE	Airfield Approach Control Element
AACI	Airports Association Council International
AACO	Arab Air Carriers Organization
AAD	Assigned Altitude Deviation
AAF	ATM Added Functions
AAF	Army Air Field
AAFCE	Allied Air Forces Central Europe
AAFG	ATM Added Functionality Sub-Group
AAG	AIS Automation Group
AAGDI / AGADE	Automated Air/Ground Data Interchange
AAH	Autonomous Aircraft Hybrid
AAIB	Air Accident Investigation Branch
AAIM	Aircraft Autonomous Integrity Monitoring
AAIS	Automated AIS
AAL	Above Aerodrome Level
AALS	Advanced Approach and Landing System
AAM	Airbus Asset Management
AAM	Airline Administration Message
AAME	Association of Aviation Medical Examiners
AAP	Advanced Automation Program
AAPA	Association of Asia Pacific Airlines
AAR	Airport Acceptance Rate
AAR	Air-to-Air Refueling
AAR	After Action Review
AAS	Advanced Automation System
AASA	Airlines Association of Southern Africa
AASC	Airport Authorities Steering Committee
AASI	Aeronautical Applications Service Interface
AASR	Airways and Airport Surveillance Radar
AAT	Alpha Attenuation Test

AATF	Airworthiness Assurance Task Force
AATMS	Advanced Air Traffic Management System
AATT	Advanced Aviation Transportation Technology
AAU	Authorized Approach UNICOM
AAUI	Aeronautical Applications User Interface
AB	Action Button
AB	Airbase
ABAS	Aircraft-Based Augmentation System
ABC	ATC Bypass Complex
ABET	Airspace Behavioral Engineering Technology
ABFG	ATM Basic Functions Sub-Group
ABI	Advanced Boundary Information
ABM	Abeam
ABN	Aerodrome Beacon
ABPSK	Aviation Binary Phase Shift Keying
ABT	About
ABV	Above
AC	Alternating Current
AC	Altocumulus
AC	Assessment Center
AC	Assistant Controller
AC	Advisory Circular
ACA	Air Traffic Center Architecture
ACA	Arctic Control Area
ACA	Airport Coordinators Association
ACA	Airspace Control Activity
ACA	AUP Composition Application
ACA	Austrian Cockpit Association
ACAC	Arab Civil Aviation Council
ACAD	Academic Establishments
ACAD	Auto Computer Aided Design
ACAG	Airspace Coordination Agencies

ACAIS	Aircraft Certification Audit Information System
ACAM	Airport Capacity Airside Modelling
ACAMS	Aircraft Condition Analysis and Management System
ACARS	Aircraft Communications, Addressing and Reporting System
ACARS	ARINC communications and address reporting system
ACARSMU	ACARS Management Unit
ACAS	Airborne Collision Avoidance System
ACAS I	Aircraft Collision Avoidance System Version 1
ACAS II	Aircraft Collision Avoidance System Version 2
ACAS III	Aircraft Collision Avoidance System Version 3
ACASA	ACAS Analysis
ACATF	ATC Center Communications Architecture Task Force
ACB	Aeroclub
ACC	Area Control Center
ACC Controller	Area Controller
ACC Loop	Anticipation-Action-Comparison Loop
ACCA	Air Charters Carriers Association
ACCC	Australian Competition and Consumer Commission
ACCEL	Accelerate
ACCESS	Aircraft Control Console for Experiments and Simulations Studies
ACCID	Notification of an Aircraft Accident
ACC-PC	ACC Planning Controller
ACCS	Air Command and Control System
ACC-TC	ACC Tactical Controller
ACCUM	Accumulate
ACDMD	Air Collaborative Decision-Making Demonstrator
ACE	Allied Command Europe
ACE	Altimeter Control Equipment
ACE	ATC Communications Environment
ACF	Area Control Facility

ACFS	Advanced Concepts Flight Simulator
ACFT	Aircraft
ACG	Advanced ATS Concept Group
ACG	Advanced Concept Group
ACG	ATN/CNS Consultation Group
ACG	ATS System Concept Working Group
ACG	Austro Control GmbH
ACH	ATC Flight Plan Change Message
ACH	ATC Flight Plan Change
ACI	Airports Council International
ACI	Area of Common Interest
ACID	Aircraft Identification
ACK	Acknowledge message
ACK	Acknowledge
ACL	ATC Clearances
ACL	Altimeter Check Location
ACM	Acceptance of Coordination Message
ACM	Acceptable Means of Compliance
ACM	Airspace Control Measures
ACM	ATC Communication Management
ACM	Air Cycle Machine
ACMP	Alternating Current Motor Pump
ACMS	Aircraft Condition Monitoring System
ACMS	Airplane Conditioning Monitoring System
ACN	Aircraft Classification Number
ACN	Airspace Coordination Notification
ACN	Austrian Communication Network
ACN	Aircraft Classification Number
ACNZ	Airways Corporation of New Zealand
ACO	Airspace Coordination Order
ACOD	Area Conflict Detection
ACP	Accept Message

ACP	Acceptance Message
ACP	African, Caribbean and Pacific States
ACP	Aircraft Control Position
ACP	Airspace Control Plan
ACP	Airspace Crossing Acceptance Message
ACP	Allied Communications Publication
ACP	Azimuth Change Pulses
ACP	Azimuth Count Pulses
ACP	Area Control Procedural
ACP	Audio Control Panel
ACPO	Aircraft Position Operator
ACPSC	Advisory Committee on Procurement and Sales Contracts
ACPT	Accept or Accepted
ACR	Air Carrier
ACR	Atlantic Coordinated Route
ACRPWG	Aircraft Crash Recovery Procedures Working Group
ACS	Advanced Communication System
ACS	Airspace Control System
ACS	Area Control Surveillance
ACSA	Allied Communications Security Agency
ACSE	Application Control Service Element
ACT	Active
ACT	Activation Message Designator
ACT	ATC Activation Message
ACT	Active or Activated or Activity
ACT/LAM	Activation Message / Logical Acknowledgement Message
ACTF	Aeronautical Charting Task Force
ACU	Airspace / Antenna Control Unit
AD	Administrative Domain
AD	Aerodrome

AD	Air Defense
AD	Airworthiness Directive
AD	Airspace Data Section
AD	Aerodrome
AD	Airworthiness Directive
ADA	Advisory Area
ADA	Advisory airspace
ADAGES	Action Plan Definition on the Basis of Architecture studies from GAAS for EATMS
ADAP	Automated Downlink of Airborne Parameters
ADAPT	ATS Data Acquisition, Processing and Transfer Panel
ADC	Air Defense Center
ADC	Air Defense Command
ADC	Air Data Computer
ADC	Analog to Digital Converter
ADC	Aerodrome Chart
ADCA	Air Defense Classification Area
ADCE	Aircraft Data Circuit-Terminating Equipment
ADCP	Air Defense Command Post
ADD	Architectural Design Document
ADD	Average Delay per Delayed Flight
ADDI	Automated Digital Data Interchange
ADDN	Addition or Additional
ADDR	Address
ADE	Air Defense Element
ADE	Autonomous Display Equipment
ADEG	ATS Data Exchange Group
ADEP	Aerodrome of Departure
ADES	Aerodrome of Destination
ADEXA	Air Defense Exercise Area
ADEXP	ATS Data Exchange Presentation ATS Data Exchange Program Format

ADF	Automatic Direction Finder
ADF	Automatic Direction-Finding Equipment
ADFL	Augmented Dynamic Flight Leg
ADGE	Air Defense Ground Environment
ADI	Aerodrome Control Instrument
ADI	Attitude Director Indicator
ADI	Altitude Direction Indicator
ADIDS	Advanced Data & Image Distribution System
ADIRS	Air Data Inertial Reference System
ADIRU	Air Data Inertial Reference Unit
ADIS	Automatic dependent surveillance and Data Link Interim System
ADIS	Automated Data Interchange System
ADIZ	Air Defense Identification Zone
ADJ	Adjacent
ADL	Airborne Data Loader
ADLP	Aircraft Data Link Processor
ADM	Administrative / Administration
ADM	Aeronautical Decision Making
ADM	Average Delay per Movement
ADM	Airborne Data Bus
ADM	Air Data Module
ADMA	Aviation Distributors and Manufacturers Association
ADMD	Airspace Data Management & Distribution
ADNC	Air Defense Notification Center
ADNS	Aeronautical Radio Incorporated Data Network Service
ADO	Aerodrome Office
ADOC	Air Defense Operations Center
ADOLT	Air Defense Liaison Team
ADORA	Analysis and Definition of the Operational Requirements for ATM
ADP	Activity Predictor Display

ADP	ATFM Daily Plan
ADP	Automated Data Processing or Auxiliary Data Processing
ADP	Air Driven Pump
ADPG	ATM Data Processing Sub-Group
ADR	Advisory Route
ADR	Air Data Reference
ADR	Airfield Damage Repair
ADR	Average Delay per Regulated Flight
ADR	Advisory Route
ADR	Accident Data Recorder
ADREP	Accident/Incident Reporting System
ADRS	Air Defense Radar Site
ADRS	Address
ADS	Air Data System
ADS	the Address
ADS	Automatic Dependent Surveillance
ADS-A	Automatic Dependent Surveillance-Addressed
ADS-B	Automatic Dependent Surveillance-Broadcast
ADS-C	Automatic Dependent Surveillance-Contract
ADSEL	Address Selective SSR System
ADSIA	Allied Data Systems Interoperability Agency
ADSP	ADS Processor
ADS-P	Automatic Dependent Surveillance-Panel
ADS-R	Automatic Dependent Surveillance-Report
ADSU	ADS Unit
ADSU	Automatic Dependent Surveillance Unit
ADT	Air Data Tester
ADT	Approved Departure Time
ADTI	Additional Technical Information
ADU	Advisory Display Unit
ADUG	Airport Database User Group

ADV	Aerodrome Control Visual
ADVON	Advanced Echelon
ADVS	Advisory Service
ADZ	Advise
ADZD	Advised
ADZY	Advisory
AE	ATM Engineering
AE	Application Entity
AEA	Association of European Airlines
AECB	Atomic Energy Control Board
AECG	ACAS Evaluation and Coordination Group
AEEC	Airlines Electronic Engineering Committee
AEGIS	Airborne Early Warning Ground Environment Integrated Segment
AEGIS	ATM European Group for Improvement of Scenarios
AEIS	Aeronautical Enroute Information Service
AEM	Airports & Environment Management
AEM	Audio Entertainment Multiplexer
AER	Approach end of runway
AERA	Automated Enroute Air Traffic Control
AERADIO	Air radio
AEREA	Association of European Research Establishments in Aeronautics
AEROSAT	Aeronautical Satellite Council
AES	Aircraft Earth Station
AES	Airborne Earth Station
AES	ATC Engineering Section
AES	Automatic Enhanced Surveillance
AES	Aircraft Earth Station
AEV	Annual Equivalent Value
AEW	Airborne Early Warning
AEWPD	Adapted EATM Work Program Document

AF	Air Force
AF	Audio Frequency
AF	DME Arc to a Fix
AFA	Association of Flight Attendants
AFAS	Aircraft in the Future ATM System
AFAST	Active Final Approach Spacing Tool
AFB	Air Force Base
AFC	Airport Facilities Control
AFC	ATC Frequency Change
AFCAC	African Civil Aviation Commission
AFCNF	Air Force Central NOTAM Facility
AFCS	Automatic Flight Control System
AFD	Airport Facility Directory
AFD	Associated Flight Details
AFDC	Air Flight Data Control
AFDS	Autopilot Flight Director System
AFFS	Automated flight service station
AFFSC	Air Forces Flight Safety Committee
AFG	Advisory Financial Group
AFI	African-Indian Ocean Region
AFI	Assistant flying instructor
AFIL	Air Filed Flight Plan
AFIL	Flight Plan Filed in the Air
AFIL	Airfield flight plan
AFIS	Airport/Aerodrome Flight Information Service
AFIS	Aerodrome Flight Information Service
AFISO	Aerodrome Flight information Service Officer
AFIZ	Aerodrome Flight information Zone
AFL	Actual Flight Level
AFL	Assigned Flight Level
AFL	Air Flow
AFM	Airplane Flight Manual

AFM	Yes, or Affirm or Affirmative or That Is Correct
AFMS	Advanced Flight Management System
AFMSG	Audit and Financial Matters Sub-Group
AFN	Air Traffic Services Facilities Notification
AFN	Airspace / Flow Management & Navigation Business Division
AFP	Active Flight Plan Processing
AFP	Area Forecast Panel
AFP	ATC Flight Plan Proposal
AFPA	Automated Flight Plan to Track Association
AFPL	ADEXP Filed Flight Plan
AFRAA	African Airlines Association
AFRU	Aerodrome frequency response unit
AFS	Advanced Functional Simulator
AFS	Automatic Flight System
AFS	Aeronautical Fixed Service
AFS	Air Force Station
AFS	Office of Safety Standards of the Flight Standards Service
AFSATCOM	Airborne Satellite Communication
AFT	After
AFTN	Aeronautical Fixed Telecommunication Network
AFW	Area Flows Window
AFWA	Automatic Flight Weather Advisory
AFX	Flight Standards Service
AGA	Aerodromes, Air Routes and Ground Aids
AGARD	Advisory Group on Aeronautical Research and Developments
AGAS	European Action Group for ATM Safety
AGATE	Advanced General Aviation Transport Experiments
AGC	Automatic Gain Control
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
AGDC-TF	Air/Ground Data Communications-TF
AGDL	Air-Ground Data Link
AGDLS	Air-Ground Data Link System
AGL	Above Ground Level
AGLAE	Air-Ground Data Link Applications Experimentation
AGN	Again
AGN	Agenda
AGNIS	Azimuth guidance nose-in-stand
AGOD	Advisory Group on Deliverables
AGR	Agreement
AGSG	Air / Ground Data Communication Sub group
AGVC-SG	Air/Ground Voice Communication Sub Group
AH	Alert height
AHDG	Assigned Heading
AHEAD	Automation and Harmonization of European Aeronautical Data
AHGSO	Ad Hoc Group of Senior Officials
AHMI	Airborne Human Machine Interface
AHP	Army HeliPort
AHRS	Attitude and Heading Reference System
AHS	American Helicopter Association
AI	Artificial Intelligence
AI	Attitude Indicator
AIA	Aerospace Industries Association
AIAA	American Institute of Aeronautics and Astronautics
AIAA	Area of Intense Aerial Activity
AIAA	Area of intense air activity
AIB	Aeronautical Information Bulletin
AIC	Aeronautical Information Circular
AICB	Air Initiated Comm-B Protocol

AICG	Ab Initio Coordination Group
AICG	ACAS Implementation Coordination Group
AICG	Airport Interface Coordination Group
AICM	Aeronautical Information Conceptual Model
AID	Aid
AID	Aircraft Identification
AIDA	Aeronautical Information and Data handling Austria
AIDC	ATS Interfacility Data Communications
AIDC	Air Traffic Services Interfacility Data Communications
AIDS	Aircraft Integrated Data System
AIDS	Airborne Integrated Data System
AIG	ACAS Implementation Group; Automatic Input Generation
AIG	Accident Investigation and Prevention
AIL	Aeronautical Item Location Bank
AIM	Airman's Information Manual
AIM	ATFM Information Message
AIM	Aeronautical Information Manual
AIMEC	AIR Information Management Executive Committee
AIM-FANS	Airbus Interoperable Modular FANS
AIMS	Airplane Information Management System
AIMS	Aircraft Integrated Monitoring
AIO	AIR Integrated Oversight
AIP	Aeronautical Information Publication
AIPN	Appointing Authority
AIR	Armament Initiative and Requirements
AIR	Air Control
AIR	Aircraft Certification Service
AIR 4653	Aerospace Information Report 4653
AIRAC	Aeronautical Information Regulation and Control
AIRCOM	Aircraft Communications

AIREP	Air-Report
AIRMET	Air Meteorological Information Report which may affect the safety of low-level aircraft operations
AIRMET	Information Concerning Enroute Weather Phenomena Which May Affect the Safety of Low-Level Aircraft Operation
AIRPROX	Air Traffic Incident Report to Designate Aircraft Proximity
AIRS	Advanced Infrared Sounder
AIS	Aeronautical Information Services
AISAP	AIS Automation Specialist Panel
AISAS	Aeronautical Information Services Automated System
AISC	Aeronautical Mobile Communications System Panel
AISC	Aeronautical Industry Service Communication
AISG	AIS Automation Group
AISPOP	AIS Planning and Operations Subgroup
AISS	Aeronautical Information Server System
AIS-TF	AIS Training Task Force
AISU	Aeronautical Information Service Unit
AITSC	Administrative IT Steering Committee
AIXM	Aeronautical Information Exchange Model
AKARD	Available Knowledge and required system Research and Development
AL	Aircraft Label
AL	Alerting Service
AL	Allegheny
ALA	Alighting Area
ALB	Alternative Label
ALCC	Airlift Central Coordination Center
ALCE	Airlift Control Element
ALCM	Air Launched Cruise Missile
ALD	Airlift Division
ALERFA	Alert Phase

Alert	Alert phase
ALIM	Altitude Limit
ALLA	Allied Long Lines Agency
ALMC	Airlift Movement Cell
ALO	Air Force Liaison Officer
ALPA	Air Line Pilots Association
ALR	Alerting message
ALR	Alerting
ALRS	Alerting Service
ALRT	Alert
ALS	Approach Lighting System
ALS	Architecture Layer Structure
ALS	Automatic Line Switch
ALS	Approach Lighting System
ALSTG	Altimeter Setting
ALT	Airborne Link Terminal
ALT	Altitude
ALT	Alternate
ALT	Altimeter
ALT HOLD	Altitude Hold Mode
ALTM	Altimeter
ALTN	Alternate Aerodrome
ALTN	Alternate or Alternating
ALTNLY	Alternately
ALTRV	Altitude Reservation System
AM	Airspace Management
AM	Amplitude Modulation
AM	Arrival Manager
AM	Attribute Modification
AMA	Area Minimum Altitude
AMA	Airlift Management Agency
AMA	Area Minimum Altitude

AMAN	Arrival Manager
AMC	Airspace Management Cell
AMC	ATC Microphone Check
AMC	Avionics Maintenance Conference
AMC	Airspace Management Cell
AMCP	Aeronautical Mobile Communication Panel
AMD	Administrative Management Domain
AMD	Advisory Map Display
AMD	Amend or Amended
AMD	Arrival Manager Display
AMDP	Airspace Management Data Processing
AMDP-TF	Airspace Management Data Processing Task Force
AMDT	Amendment
AMDWP	Aeromedical Working Party
AME	ATM Message Exchange
AME	Aircraft Maintenance Engineer
AMEG	Air Miss Evaluation Group
AMGR	Airport Manager
AMHS	Aeronautical Message Handling Service
AMI	Airline Modifiable Information
AMI	Administrative and Management Information [Software]
AMID	Approach Multi-Input Device
AMJ	Advisory Material Joint
AML	Airfield Markings and Lighting
AMLCD	Active-Matrix Liquid Crystal Display
AMN	Airspace Management and Navigation
AMOC	ATFM Air Traffic Flow Management
AMOC	ATFM Modelling Capability
AMOS	Automatic Meteorological Observing System
AMOS	ARTAS Maintenance and Operational Support Organization

AMOSS	Airline Maintenance and Operation Support System
AMPS	American Mobile Phone System
AMS	Aeronautical Mobile Service
AMS	Airspace Management Service
AMS	ATC Model-Simulations Studies
AMSC	Allied Military Security Code
AMSL	Above Mean Sea Level
AMSS	Aeronautical Mobile Satellite Service
AMSS	Aeronautical Mobile Satellite System
AMSS	Automatic Message Switching System
AMSS	Aeronautical Mobile Satellite Service
AMSSP	Aeronautical Mobile Satellite Service Panel
AMT	ADS Mediterranean Trials
AMTI	Adaptive Moving Target Indicator
AMU	Audio Management Unit
AN	Access Node
ANC	Access Network Computer
ANC	Air Navigation Commission / Conference
ANC	Aeronautical Chart
ANCAT	Abatement of Nuisances Caused by Air Transport
ANCMT	Announcement
ANCPT	Anticipate
ANCPTR	Anticipator
ANCS	Aeronautical Navigation Chart - Small Scale
ANDRA	Advanced Node for Data Relay in ATN
ANDS	ANS Department
ANERC	Advanced New Enroute Center
ANM	ATFM Notification Message
ANOVA	Analysis of Variance
ANP	Actual Navigation Performance
ANP	Air Navigation Plan
ANPP	Air Navigation Plan Publication

ANS	Air Navigation Service
ANS	Answer
ANS	Ambient Nose Sensor
ANS/CR	Air Navigation Services of the Czech Republic
ANSA	International Advisory Group Air Navigation Services
ANSEP	Air Navigation Services Economics Panel
ANSI	American National Standards Institute
ANSIR	Advanced Navigation System Inertial Reference
ANSO	Air Navigation Services Offices
ANSP	Air Navigation Service Provider
ANT	Airspace and Navigation Team
ANTI-COLL	Anti-Collision
AO	Airlines Operator
AO	Arrival Operations
AO	ATM Operations
AOA	Aircraft Operating Agency
AOA	Airport Operations Area
AOA	Angle of Attack
AOB	Air Order of Battle
AOB	Angle of Bank
AOC	Advanced Operational Capability
AOC	Aerodrome Obstruction/Obstacle Chart
AOC	Aeronautical Operational Communications
AOC	Aircraft Operating Company
AOC	Aircraft Operations Center
AOC	Airline Operation Control
AOC	Aeronautical Operation Control
AOC	Assume of Control
AOC	Auxiliary Output Chip
AOC	Aeronautical Operational Control
AOC	Air Operator’s Certificate

AOC	Airline Operational Communications
AOC	Aerodrome Obstacle Chart
AOC	Air/Oil Cooler
AOCC	Aircraft Operator Control Center
AOCI	Airport Operators Council International
AOCP	Airborne Operational Computer Program
AOCS	Attitude and Orbit Control System
AOCU	Aircraft Operator Control Unit
AOF	AIS Office
AOF	Allocation of Functions
AOG	Aircraft on Ground
AOI	Aircraft Operations Information
AOI	Area of Operational Interest
AOIS	Aeronautical Operational Information System
AOM	Aircraft Operations Manual
AOP	Aeronautical OSI Profile
AOPA	Aircraft Owner and Pilot Associations
AOPG	Aerodrome Operations Group
AOPTF	Aerodrome Operations Task Force
AOR	Area of Responsibility
AOR	Atlantic Ocean Region
AOR-E	Atlantic Ocean Region - East
AORTF	ATM Added Functionality Operational Requirements Task Force
AOR-W	Atlantic Ocean Region - West
AOS	Airport Operations Strategy Drafting Group
AOT	Airport Operations Team
AOU	Aircraft Operator Unit
AOWIR	Aircraft Operator What-If Re-routing
AOWP	Airport Operations Work Plan
AP	Airport
AP	AutoPilot

AP	Application Process
APA	Allied Pilots Association
APANPIRG	Asia/Pacific Air Navigation Planning and Implementation Regional Group
APAPI	Abbreviated Precision Approach Path Indicator
APATSI	Airport / Air Traffic Systems Interface
APB	APATSI Project Board
APB	Auxiliary Power Breaker
APC	Aeronautical Passenger Communications / Correspondence
APC	Aeronautical Public Correspondence
APC	Assistant Planning Controller
APCH	Approach
APD	Activity Predictor Display
APDC	Aircraft Parking/Docking Chart
APDLC	Aircraft Proximity Data Link Communication
APDSG	ATM Procedures Development Sub-Group
APE	Analysis Program for Evaluation
APG	Aircraft performance group
APHAZ	Aircraft proximity hazard
API	Application Programming Interface
APID	Airplane Identification
APIRG	Africa-Indian Ocean Planning and Implementatio Regional Group
APL	Abbreviated Flight Plan
APL	Applied Physics Laboratory
APL	ATC Flight Plan
APLGT	Airport Lighting
APM	Architecture Project Management
APMB	ACAS Program Management Board
APMS	Automated Performance Measurement System
APN	Apron
APO	Airport Operator

APO	Aircraft Performance and Operations
APOD	Airport of Disembarkation
APP	Approach Center / Control
App	Appendix
APP	Approach Control Office or Approach Control or Approach Control Service
APP Controller* /Director	Approach controller/director
APP-ASS	Approach-Assistant
Appendix	ATFM Policies and Principles Advisory Sub-Group
APPR	Approach/Approach Mode
APPR	Approach
APR	Automatic Position Reporting
APR	April
APRT	Airport
APRX	Approximate or Approximately
APRX	Approximately
APS	Approach Control Surveillance
APSG	ACAS Program Steering Group
APSG	After Passing
APT	Airport
APT	Airspace Planning Team became ANT
APU	Auxiliary Power Unit
APV	Approve or Approved or Approval
APW	Area Proximity Warning
AQAP	Allied Quality Assurance Publication
AQG	Agency Quality Group
AQP	Advanced Qualification Program
A-QPSK	Aviation Quadrature Phase Shift Keying
AR	Agency Representative
AR	Air Route

AR	Automatic Reminder
AR-1	Approach Radar 1
ARAC	Aviation Rulemaking Advisory Committee
ARB	Authoritative Representative Body
ARC	Airlift Requirement Center
arc	assigned rate of climb/descent
ARC	Advanced Research for/in Air Traffic Control
ARC	Archive System
ARC	Area Chart
ARC 2000	Automatic Radar Control for the 21st Century
ARCC	Air Rescue Coordination Center
ARCH	Archives and Quality Control System
ARCID	Aircraft Identification
ARCOS	Arrival Coordination System
ARCP	Air Refueling Control Point
ARDEP	Analysis / Assessment of Research and Development in Eurocontrol Programs
ARDRS	Automatic Radar Data Recording System
ARDS	ATM Architecture and overall system engineering
ARETA	ATM with RNAV in Extended Terminal Area
ARFA	Allied Radio Frequency Agency
ARFF	Airport Rescue and Fire Fighting
ARFOR	Area Forecast
ARH	Architecture
ARIBA	ATM system safety criticality Raised Issues in Balancing Actors Responsibility
ARINC	Aeronautical Radio Incorporated
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 Utilization and Transient Protection
ARINC 414	General Guidance for Equipment and Installation Engineers
ARINC 415	Operation/Technical Guidelines on Failure Warning and Functional Test
ARINC 419	Digital Data System Compendium
ARINC 421	Guidance For Standard Subdivision of ATA Spec 100 Numbering System for Avionics
ARINC 422	Guidance For Modification Status Indicators & Avionics Service Bulletins
ARINC 424	Navigation System Data Base
ARINC 429	Mark 33 Digital Information Transfer System
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 System
ARINC 566A	Mark 3 VHF Communications Transceiver
ARINC 569	Airborne Distance Measuring Equipment
ARINC 569	Heading and Altitude Sensor
ARINC 571	Inertial Reference System
ARINC 572	Mark 2 Air Traffic Control Transponder
ARINC 573	Aircraft Integrated Data System (AIDS) Mark2
ARINC 574	Passenger Announcement, Entertainment & Service Multiplex System
ARINC 575	Mark 3 Subsonic Air Data System

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
ARINC 592	Airborne Passenger Tape Record
ARINC 594	Ground Proximity Warning System
ARINC 595	Barometric Altitude Rate Computer
ARINC 596	Mark 2 Airborne SELCAL System
ARINC 597	Aircraft Communications Addressing and Reporting System
ARINC 597A	Enhanced ACARS Avionics
ARINC 59MA	Airborne Announcement Tape Reproducer
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
ARINC 605	Users Guide for ARINC 616 Avionics Subset of ATLAS Language
ARINC 606	Guidance For Electrostatic Sensitive Device Utilization & Protection, Sup. 1
ARINC 608	Standard Modular Avionics Repair and Test System
ARINC 609	Design Guidance for Aircraft Electrical Power Systems
ARINC 610	Guidance For Design and Integration of Aircraft Avionics Equipment in Simulators, Supplement
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 622-1	the ACARS Convergence Process
ARINC 624	Design Guidance for Onboard Maintenance System
ARINC 626	Standard ATLAS For Modular Test
ARINC 627	Programs Guide for Smart Systems Using ARINC 626 ATLAS
ARINC 629	Multi Tester Data Bus: Part 1 – Technical Description
ARINC 629	Multi-Transmitter 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
ARINC 701	Flight Control Computer System
ARINC 702	Flight Management Computer, Supplement 4 & 5
ARINC 703	Thrust Control Computer
ARINC 704	Inertial Reference System, Supplement 6
ARINC 705	Altitude and Heading Reference System
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
ARINC 724	Mark 2 Aircraft Communications
ARINC 724A	Mark 2 ACARS Avionics
ARINC 724B	Aircraft Communications Addressing and Reporting System
ARINC 725	Electronic Flight Instruments
ARINC 726	Flight Warning Computer System
ARINC 727	Airborne Microwave Landing System
ARINC 728	Avionics Refrigeration and Cooling System
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 Supplement 1
ARINC 737	on Board Weight and Balance System Supplement 1
ARINC 738	Air Data and Inertial Reference System
ARINC 739	Multi-Purpose Control and Display Unit
ARINC 740	Multiple-Input Cockpit Printer
ARINC 7411P2	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 Windshear Warning and Guidance Equipment

ARINC 743	Airborne Global Positioning System Receiver
ARINC 743A	GPS/GLONASS Sensor
ARINC 744	Full Format Printer
ARINC 745	Automatic Dependent Surveillance, Supplement 1
ARINC 746	Cabin Communications System, Supplement1
ARINC 747	: Flight Data Recorder
ARINC 748	Communications Management Unit
ARINC 750	VHF Data Radio
ARINC 751	Gate-Aircraft Terminal Environment Link Aircraft Side
ARINC 752	TFTS Airborne Radio Sub-System
ARINC 753	HF Data Link System
ARINC 757	Cockpit Voice Recorder
ARINC539A	Airborne 400 Hz AC Tape Reproducer
ARLO	Air Liaison Officer
ARM	ADS Report Message
ARM	Air Request Message
ARM	Anti-Radiation Missile
ARMATS	State Closed Joint-Stock Company of Armenian Air Traffic Services
ARN	ATS Routes and Associated Navigation Means
ARN-1 (Table)	Basic ATS Route Network in the Lower and Upper Airspace
ARN-2 (Table)	Radio Navigation Aids Associated with the Basic ATS Route Network Terminal Area and Instrument Approach Procedures
ARNG	Arrange
ARNIC	Aeronautical radio incorporated
ARN-V2	ATS Route Network - Version 2
ARN-V3	ATS Route Network - Version 3
ARO	Air Traffic Service Reporting Office
ARO	Air Traffic Services Reporting Office
ARO	Aerodrome reporting office

ARP	Aerodrome Reference Point
ARP	Aerospace Recommended Practice
ARP	Automated Route Planning
ARP	Aerodrome Reference Point
ARP	Air Report
ARPA	Advanced Research Project Agency
ARPL	ADEXP Format Repetitive Flight Plans Message
ARQ	Automatic error Correction
ARQ	Automatic Request Repeat
ARQ	Automatic Response to Query
ARQ	Automatic Error Correction
ARR	Airport Arrival Rate
ARR	Arrive or Arrival or Arrival Message
ARR	Arrive r Arrival
ARR SP	Arrival Sequence Planner
ARS	Aeronautical Radio Navigation Service
ARS	Avoidance Routing Scheme
ARS	Special Air-Report
ARSA	Airport Radar Serve Area
ARSC	Air Rescue Sub Center
ARSR	Air Route Surveillance Radar
ARST	Arresting
ART	Analysis and Replay Tool
ARTAS	Air Traffic Management Surveillance Tracker and Server System
ARTAS TF	ARTAS Task Force
ARTCC	Air Route Traffic Control Center
Artemis	An ESA experimental telecommunications satellite hosting an EGNOS navigation transponder
ARTES-9	Advanced Research in Telecommunication Systems
ARTS	Area Radar Training Squadron
ARTS	Automated Radar Terminal System

ARU	Archive to UNIX
ARU	Airspace Reservation Unit
AS	Airspeed
AS	Airspace
AS	Altostratus
AS, A-S	Anti-Spoofing
ASA	Aircraft Situation Awareness
ASA	Automated Support to ATC
ASA	Automatic Slot Assignment
ASA	Autoland Status Annunciator
ASA System	Automatic Slot Assignment System
ASAP	Aircraft Separation Assurance Program
ASAP	As soon as possible / practicable
ASARS	Air Surveillance Airborne Radar System
ASAS	Airborne Separation Assurance System
ASC	Ascend to or Ascending to
ASCAP	Automatic SSR Code Assignment Procedure
ASCB	Avionics Standard Communication Bus
ASCII	American Standard Code for Information Interchange / Exchange
ASCOT	Airport Slots Compliance Tools
ASCPC	Air Supply Cabin Pressure Controller
ASCTS	Air Supply Control and Test System
ASCTU	Air Supply Control and Test Unit
ASD	CFMU/ENGD - Architecture & System Design Section
ASDA	Accelerated Stop Distance Available
ASDAR	Aircraft to Satellite Data Relay
ASDE	Airport Surface Detection Equipment
ASD-TF	Air Situation Display Task Force
ASE	Altimetry System Error
ASE	Application Service Element

ASE	Altimetry System Error
ASECNA	Agency for the Safety of Air Navigation in Africa and Madagascar
ASEP	ACCS Surveillance Exploratory Prototype
ASHTAM	NOTAM relating to volcanic and/or dust activity
ASHTAM	Special Series NOTAM Notifying, by Means of a Specific Format, Change in Activity of a Volcano, A Volcanic Eruption and/or Volcanic Ash Cloud That Is of Significance to Aircraft Operations
ASI	Aerospace Sciences Inc
ASI	Asia Region
ASI	Air Speed Indicator
ASIC	Application-Specific Integrated Circuit
ASKME	Aviation Safety Knowledge Management Environment
ASM	Ad-hoc Schedule Message
ASM	AirSpace Management
ASMAC	Automated System for Management of Aeronautical Information and Charting
ASMC	Airspace Management Communications
ASMGCS	Advanced Surface Movement Guidance and Control Systems
ASMGCS	Advanced Surface Movement Guidance and Control Systems
ASMI	Airport Surface Movement Indicator
ASMT	ATM Safety Monitoring Tool
ASMTF	Airspace Management Task Force
ASN	Abstract Syntax Notation
ASN 1	Abstract Syntax Notation One
ASNO	Approach Sequence Number
ASO	Air Surveillance Officer
ASO	Applicant Showing Only
ASOC	Air Sovereignty Operations Center
ASOC	Army Support Operations Center

ASOP	Airspace Organization and Procedures
ASOS	Automatic Surface Observing System
ASP	Adjustable System Parameter
ASP	Aeronautical Fixed Service Systems Planning for Data Interchange Panel
ASP	Air Space
ASP	AIRCOM Service Processor
ASP	Arrival Sequence Planner
asp	assigned speed
ASP	Audio Select Panel
ASPH	Asphalt
ASPP	Aeronautical Fixed Service Systems Planning for Data Interchange Panel
ASQF	Application Specific Qualification Facility
ASR	Airport Surveillance Radar
ASR	Altimeter Setting Region
ASRS	Aviation Safety Reporting System
ASRT	Air Support Radar Team
ASSR	Assigned SSR code
ASTA	Airport Surface Traffic Automation
ASTARS	AVS Staffing Tool and Reporting System
ASTC	Amended Supplemental Type Certificate
ASTER	Aviation Safety Targets for Effective Regulation
ASTERIX	All-purpose Structured Eurocontrol Radar Information Exchange
ASTM	American Society for Testing and Materials
ASTP	ADS Studies and Trials Project
ASW	Anti-Submarine Warfare
ASW	Air Situation Window
AT	Actual Time Count Down
AT	Air Transport
AT	at Time
AT	at

ATA	Actual Time of Arrival
ATA	Air Transport Association
ATA	Actual Time of Arrival
ATAC	Airspace Traffic Data Capture
ATAF	Allied Tactical Air Force
ATAFF	Air Traffic Arbitrated Free Flight
ATAG	Air Transport Action Group
ATAR	Automatic Air Reporting
ATARS	Automatic Traffic Avoidance and Resolution System
ATAS	Air Traffic Advisory Service
ATC	Air Traffic Control
ATC	Amended Type Certificate
ATCA	Air Traffic Control Association
ATCA	Allied Tactical Communications Agency
ATCA	Air Traffic Control Assistant
ATCAP	Air Traffic Control Automation Panel
ATCAS	ATC Automated System
ATCC	Air Traffic Control Center
ATCC	Air Traffic Control Clearance
ATCCC	Air Traffic Control Command Center
ATCEUC	Air Traffic Controllers European Union's Coordination
ATCgram	Illustration in graph form of the main functional levels of ATC systems
ATC-HMI	Air Traffic Control Human Machine Interface
ATCI	Airport ATC and Information systems
ATCO	Air Traffic Controller or Air Traffic Control Officer
ATCRBS	Air Traffic Control Radar Beacon System
ATCRU	Air Traffic Control Radar Unit
ATCS	Air Traffic Control Service
ATCS	Advanced Train Control Systems
ATCSCC	Air Traffic Control System Command Center

ATCSMAC	Air Traffic Control Surveillance Minimum Altitude Chart
ATCSQ	ATC Safety Questionnaire
ATCT	Airport Traffic Control Tower
ATCU	Air Traffic Control Unit
ATD	Actual Time of Departure
ATD	Along Track Distance
ATD	Actual Time of Departure
ATDS	Airborne ATFM Data System
ATE	Automatic Test Equipment
ATFC	Air Traffic Flow Controller
ATFM	Air Traffic Flow Management
ATFM	ATFM Application Section
ATFM	Air Traffic Flow Management
ATFMC	Air Traffic Flow Management Communications
ATFMO	Air Traffic Flow Management Organization
ATFMP	Air Traffic Flow Management Position
ATFMS	Air Traffic Flow Management System
ATFMU	Air Traffic Flow Management Unit
ATFR	Air Traffic Flow Regulator
ATG	Air Traffic Generator
ATHR	Autothrust System
ATI	Automatic Tracking Initiation
ATIC	Administrative and Technical Inspection Committee
ATIF	ATN Trials Infrastructure
ATILO	Administrative Tribunal of the International Labor Organization
ATIS	Automatic Terminal Information Service
ATLAS	Air Traffic Land and Air Study
Atm	Tire Pressure
ATM	Air Traffic Management
ATM	Air Transportation Management

ATM	Asynchronous Transfer Mode
ATM	Air Traffic Management
ATM 2000+	Eurocontrol ATM Strategy for the Years 2000+
ATMAS	Air Traffic Management Automated System
ATMC	Air Traffic Management Center
ATMCP	ATM Operational Concept Panel
ATMCT	Air Terminal Movement Control Team Center
ATMG	Air Traffic Management Group
ATMO	Air Traffic Management Organization
ATMOS	Air Traffic Management Operating System
ATMS	Advanced Air Traffic Management System
ATN	Aeronautical Telecommunications Network
ATN	Aeronautical Telecommunication Network
ATN EURET	see EURATN
ATN RD	Aeronautical Telecommunication Network Routing Domain
ATN RDC	Aeronautical Telecommunication Network Routing Domain Confederation
ATNC	ATN and Communication Architecture
ATNI	Aeronautical Telecommunication Network Internet
ATNP	Aeronautical Telecommunication Network Panel
ATNSI	ATN System Inc
ATO	Actual Time Overhead of Overflying
ATO	Airborne Traffic Observation
ATOC	Allied Tactical Operations Center
ATOPS	Advanced Transport Operating System
ATOT	Actual Take Off Time
ATP	at *(time or place)*
ATP	Airline Transport Pilot
ATPL	Airline Transport Pilot License
ATRAC	Air Navigation Services Employee Training Concept
ATRACC	ATC System for Riga Area Control Center

ATRK	Alone Track Error
ATS	Air Traffic Services
ATS	Automatic Throttle System
ATS	Air Traffic Services
ATSA	Air traffic Services Authority
AT-SAT	Air Traffic Selection and Training
ATSC	Air Traffic Service Communications
ATSD	Air Traffic Situation Display
ATSEP	Air Traffic Safety Electronics Personnel
ATSIS	Air Traffic Services Investigation System
ATSN	Air Traffic Service Network
ATSO	Air Traffic Services Operator
ATSORA	Air Traffic Services Outside Regulated Airspace
ATSP	Air Traffic Service Providers
ATSSD	ATS Standards Department
ATSU	Air Traffic Service Unit
ATSup	Air Traffic Supervisor
ATT	Along Track Tolerance
ATT	Attitude Indicator
ATTN	Attention
AT-VASIS	Abbreviated T Visual Approach Slope Indicator System
ATWR	Apron TWR
ATYP	Aircraft Type
ATZ	Aerodrome Traffic Zone
AU	Arbitrary Unit
AUA	ATC Unit Airspace
Aud	Audio aids
AUG	August
AUP	Airspace Use Plan
AUS	Airspace Utilization Service
AUSOTS	Australian Organized Track Structure

AUTH	Authority
AUTH	Authorized or Authorization
AUTH	Authorized or Authorization
AUTOB	Automatic Weather Reporting System
AUTOCAD	Automatic Computer Aided Design
AutoNav	Auto-Navigation
AUTOVON	Automatic Voice Network
AUW	All Up Weight
AUX	Auxiliary
AV	Audio-Visual aids
AVAIL	Available
A-VASIS	Advanced Visual Approach Slope Indicator System
AVBL	Available
AVBL	Available or Availability
AVDEX	Aviation Data Exchange
AVENUE	ATM Validation Environment for Use towards EATMS
AVG	Average
AVGAS	Aviation Gasoline
AVHRR	Advanced Very High-Resolution Radiometer
AVI	Audio/Video Interleaved
AVM	Airborne Vibration Monitor
AVOL	Aerodrome Visibility Operational Level
AVPAC	Aviation VHF Packet Communications
AVS	Aviation Safety
AW	Area Width
AW	Aerial Work
AW/P	Active Way Point
AWACS	Airborne Warning and Control System
AWAS	Automated Weather Advisory Station
AWIPS	Advanced Weather Interactive Processing System
AWIR	Automatically generated What-If Re-routing
AWOG	All Weather Operations Group

AWOP	All Weather Operations Panel
AWOS	Automatic Weather Observing System
AWP	Ancillary Working Position
AWP	Arrival Waypoint
AWTA	Advise at What Time Table
AWTA	Advise at What Time Able
AWX	All Weather
AWY	Airway
AZ	Aerodrome zone
AZM	Azimuth

B

BRAVO

1970s

Imperial Iranian Air Force Boeing KC707 and Boeing 747

Iran

B	Blue
B&D	Bearing and Distance
B/A	Bank Angle
B/C	Benefit / Cost
B/CRS	Back Course
BA	Barometric Altitude
BA	Breaking Action
BA	Braking Action
BA FAIR	Braking action Fair
BA NIL	Braking Action Nil
BA POOR	Braking Action Poor
BAA	British Airport Authority
BADA	Base of Aircraft Data; Aircraft performance Data Base
BAF	Belgian Air Force
BALPA	British Air Line Pilots Association
BARO-VNAV	Barometric Vertical Navigation
BARS	Behavior Anchored Rating Scales
BARTCC	Berlin Air Route Traffic Control Center
BASE	Cloud Base
Base AM	Base Arrival Manager
Base AMD	Base Arrival Manager Display
BASIS	British Airways Safety Information System
BASOO	Boeing Aviation Safety Oversight Office
BAST	Basic ATC Skills Trainer
BAT	Battery
BATAP	Type-B' Application to Application Protocol
BC	Patches
BC	Back Course
BCA	Border Crossing Authority
B-CAS	Beacon Collision Avoidance System
BCBP	Bilateral Communication Plan Coordination

BCD	Binary-Coded Decimal
BCFG	Fog Patches
BCMT	Beginning of Civil morning twilight
BCN	Beacon
BCST	Broadcast
Bd	Baud
BDP	Brussels ACC Computer
BDR	Battle Damage Repair
BDRY	Boundary
BECMG	Becoming
BEM	Boundary Estimate Message
BENELUX	Belgium, Netherlands and Luxembourg
BER	Bite Error Rate
BERM	Snowbank Containing Earth/Gravel
BFD	Basic Flight Data message
BFL	Blocked Flight Level Area
BFR	Before
BFWG	Budgetary and Financial Working Group
BGD	Background
BIAC	Brussels International Airport Company
BIF	Deliver Implementation Benefits Faster
BIRDTAM	NOTAM on Bird Activity
BIS	Boundary Intermediate System
BIST	Build-in Self-Test
BIT	Built-in-Test
BITE	Built-in-Test-Equipment
BKN	Broken
BKN	Broken
BL	Blowing
BLDG	Building
BLO	Below Clouds
BLW	Below

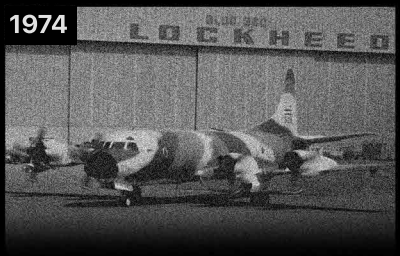
BMUN	Better Meet User Needs
BN	Backbone Node
BNC	Backbone Network Computer
BND	Bound
BNL	Benelux
BOI	Biographical Oriented Interview
BOMB	Bombing
BOS	Behavior anchored Rating Scales
BP	Business Plan
BPCU	Bus Power Control Unit
BPF	Band Pass Filter
BPN	Boundary Point of Entry
bps	bits per second
BPS	Boundary Point Sector
BPSK	Binary Phase Shift Keying
BPSX	Boundary Point Sector Exit
BR	Mist
BRA	Basic Rate Access
BRA	Bearing, Range and Altitude
BRASS	Bilateral Relationship Assurance and Standardization System
BRF	Short
BRF	Short (*used to indicate the type of approach desired or required)*
BRG	Bearing
BRITE	Basic Research in Industrial Technologies for Europe = EURAM
BRKG	Braking
BRM	Bilateral Relationship Management
BRNAV	Basic Air NAVair Traffic Control Unit
B-RNAV	Basic Area Navigation
BRT	Brightness
BS	Band Stop

BS	BootStrap
BS	Commercial Broadcasting station
BSC	Binary Synchronous Communications
BSCU	Brake System Control Unit
BSP	Aircraft Parameter Downlink
BSS	Best Signal Selection
BST	Boost
BSU	Beam Steering Unit
BTB	Bus Tie Breaker
BTC	Basic Training Course
BTEC	Business and Technician Education Council
BTH	Beyond the Horizon
BTL	Between Layers
BTLCS	Brake Torque Limiting Control System
BTMU	Brake Temperature Monitor Unit
BTN	Between
BUFR	Binary Universal Form for the Representation of Meteorological Data
BVR	Beyond Visual Range
BW	Bandwidth
BWP	Budget and Work Program Planning
BYD	Beyond

C

CHARLIE

1974



Imperial Iranian Navy Lockheed P-3F Orion

Burbank, California, United States

C	Center
C	Degree Celsius
C	Centigrade
C	Center
C	Celsius Degrees
C	Cold
C & E	Compliance and Enforcement
C of A	Certificate of Airworthiness
C/A Code	Course / Acquisition Code
C/d	Capacity demand ratio
C/M	Carrier-to Multi-Path Ratio
C/N	Carrier-to-Noise Ratio
C/N0	Carrier-to-Noise-Density Ratio
C/S	Call Sign
C102	Helicopter Radar Approach, Issued 04/02/84
C104	Microwave Landing System (MLS) Receiving Equipment, Issued 06/82
C105	Optional Display for Weather Radar, Issued 06/84
C110	Airborne Thunderstorm Detector, Issued 01/01/01
C115	RNAV Equipment Using Multi-Sensor, Issued 06/86
C118	Airborne TCAS I Equipmen4 Issued 08/88
C119	Airborne TCAS II Equipment
C120	RNAV Equipment Using OMEGA/VLF, Issued 01/88
C2 level	Security level in the United States Department of Defense
C31d	High Frequency (HF) Communications Transmitting Equipment, Issued 04/84
C32d	High Frequency Communications Receiving Equipment, Issued /83
C34e	ILS Glide Slope Receive Equipment, Issued 01/88
C35d	Radio Marker Receiving Equipment, Issued 04/71
C36e	ILS Localizer Receiver Equipment, Issued 01/88
C37d	VHF Comm transmitting Equipment, Issued 08181

C38c	VHF Comm Receiving Equipment; Issued 08/81
C38d	VHF Comm: Receiving Equipment, Issued 08/81
C3CM	Command, Control and Communications Counter-measures
C3T	Controller Tools and Transition Trials. See EVP
C40c	Airborne VOR Receiving Equipment, Issued 01/88
C41d	Airborne ADF Equipment, Issued 05/86
C50c	Audio Selector Panel and Amps, Issued 01/83
C57a	Headsets and Speakers, Issued 01/83
C58a	Aircraft Microphones, Issued 01/83
C59	Selective Calling Equipment, Issued 01/01
C60b	RNAV Equipment Using LORAN -C, Issued 05/88
C63c	Airborne Weather Radar, Issued 08/83
C65a	Doppler Radar Air Speed Equipment, Issued 08/83
C66b	Airborne DME
C67	Airborne Radar Altimeters, Issued 11/64
C68a	Dead Reckoning Computer Equipment, Issued 08/83
C74e	Airborne ATC Transponder Equipment, Issued 01/01
C87a	Low Range Radar Altimeters, Issued 01/01
C91a	Emergency Locator Transmitter, Issued 04/85
C92b	Ground Proximity Warning (GPWS) Equipment, 01/01
C94a	OMEGA Receiving Equipment, Issued 08/81
CA	Civil Aviation
CA	Conflict Alert
CA	Course to an Altitude
CAA	Civil Aviation Authority
CAA	Civil Aviation Organization (Iran)
CAAC	Civil Aviation Authority of China
CAAS	Class A Airspace
CAAS	Computer Aided Approach Sequencing
CAB	Civil Aeronautics Board

CAC	Centralized Approach Control
CACTS	Cabin Air Conditioning & Temperature Control System
CAD	Computer Aided / Assisted Design
CADAS	Computer Controlled Avionics Data Acquisition System
CADC	Central Air Data Computer
CADF	Centralized Airspace Data Function
CADIN	Czech Automated Data Interchange Network
CADS	Combined Arrival and Departure Sequencing/Study
CADS	Computer aided Departure System
CADS	Central Air Data System
CAE	Computer Aided Engineering
CAEP	Committee on Aviation [Environmental] Protection Emissions Operational Commission on Aviation Environmental Protection
CAERAF	Common American-European Reference ATN Facility
CAI	Civil Aviation Inspection
CAI	Computer Assisted Input
CAIIS	Computer Aided Imagery Interpretation System
CAIR	Confidential Aviation Incident Reporting
CAIRDE	Civil Aviation Integrated Radar Display Equipment
CAL	Computer Aided Learning
CALIB	Calibrator
CALLSGN	Callsign
CALM	Computer Assisted Landing Management System
CALS	Computer-aided Acquisition and Logistic Support
CAM	Computer Aided Manufacturing
CAM	Conflict Alert Message
CAMI	Civil Aeromedical Institute
CAMOS	Central ARTAS Maintenance & Operational Support
CAMPS	Computer Aided Message Processing System
CAMUS	Czech Automated Multi radar System

CAN Proj	Croatian Air Navigation Project
CANAC	Computer Assisted National ATC Center
CANSO	Civil Air Navigation Services Organization
CAO	Computer Assisted Operations
CAOFA	Coordination of Air Operations in the Forward Area
CAP	Combat Air Patrol
CAP	Controller Access Parameters
CAP	Capture
CAPAN	Capacity Analyzer
CAPC	Civil Aviation Planning Committee
CAPE	Computer Assisted Planning Experiment
CAPP	CFMU/DEVD - Client Applications Section
CAPP	Certification Authorities for Propulsion Products
CAPSIN	CAA Packet Switched Integrated Network
CAPT	Captain
CAR	Caribbean Region
CARAT	Computer-Aided
CARD	CNS Applications - Research and Development
CARD	Conflict and Risk Display
CARE	Co-operative Actions of ATM Research and Development in Eurocontrol
CARFE	Conference on Airport and Route Facility Economics
CART	Classification and Regression Trees
CAS	Calibrated Air Speed
CAS	Close Air Support
CAS	Collision Avoidance System
CAS	Computerized Assessment System
CAS	Calibrated Airspeed
CASA	Computer Assisted Slot Allocation
CASE	Computer Aided Software Engineering
CASI	CFMU Aircraft Situation Image
CASOR	Civil Area Services Operations Room

CAST	Consequences of future ATM systems for air traffic controller Selection and Training
CAST	Commercial Aviation Safety Team
CASTA	Controller Associate for Strategic and Technical Advice
CASTLE	Consolidated Automated System for Time and Labor Entry
CAT	Clear Air Turbulence
CAT	Computer Aided Testing
CAT	Commercial Air Transport
CAT	Computer Assisted Teaching / Training
CAT	Continuous Attention Task
CAT	Category
CAT I	Facility providing operation down to 200 feet decision height and runway visual range not less than 2600 feet
CAT II	Facility providing operation down to 100 feet decision height and runway visual range not less than 1200 feet
CAT II a	Facility providing operation with no decision height limit to and along the surface of the runway with external visual reference during final phase of landing and with a runway visual range not less than 700 feet.
CAT x	Category x Precision Approach
CATCAS	Copenhagen Air Traffic Control Automated System
CATCO	Chief ATC Operations
CATIA	TF on CNS/ATM Implementation Aspects
CATSA	Croatian air Traffic Services Authority
CATSIM	CAA Air Traffic Simulator
C-ATSU	Controlling ATS Unit
CAUTRA	Automated Computer System for Air Traffic
CAVOK	Clouds and Visibility OK
CAVOK	Visibility, Cloud and Present Weather Better Than Prescribed Values or Conditions

CB	Central Battery
CB	Cumulonimbus
CBA	Cost Benefit Analysis
CBA	Cross Border Area
C-Band	Frequency Band
CBAS	Class B Airspace
CBI	Computer Based Instruction
CBN	Common Backbone Network
CBPM	Computer-Based Performance Measure
CBS	Cost/Benefit Studies
CBSA	Class B Surface Area
CBT	Computer Based Tool
CBT	Computer-Based Training
CC	Contractual Conditions
CC	Cirrocumulus
CCA	Corrected Meteorological Message
CCA	Central Control Actuator
CCAS	Class C Airspace
CCB	Change Control Board
CCC	Cellular CNS Concept
CCC	Central Computer Complex
CCC	Command, Control and Communications
CCC	Common Core Content
CCCC	Cross Channel Coordination Center
CCCI, C3I	Command, Control, Communications and Intelligence
CCDS	Code Callsign Distribution System
CCF	Centralized Control Function
CCFT	Cold Cathode Fluorescent Tube
CCG	CEATS Coordination Group
C-Channel	Circuit Mode Channel
CCIP	Code-Callsign Input Position

CCIS	Closed Circuit Information System
CCL	Code Callsign List
CCL	Cargo Control Logic
CCLKWS	Counterclockwise
CCM	Computerized Control and Monitoring
CCM	Cargo Control Module
CCMS	Committee on the Challenges of Modern Society
CCP	Circuit Switched Public Data Network
CCP	Configuration Control Plan
CCR	Cancel Contract Request
CCS	Code Call Sign
CCSA	Class C Surface Area
CCTV	Closed Circuit TeleVision
CCU	Cargo Control Unit
CCW	Counter-Clockwise
CD	Candela
CD	Conflict Display
CD	Council Directive
CD	Course to a DME Distance
CD&A	Conflict Detection and Avoidance
CD2	Common Digitizer 2
CD-2	Transmission format for radar data
CDA	Client Defined Area
CDA	Conflict Display Area
CDA	CoorDination Acceptance
CDA	Coordination Approval
CDA	Current Data Authority
CDB	Central Data Base
CDI	Coordination Information
CDI	Course Deviation Indicator
CDM	Collaborate Decision Making
CDMA	Code Division Multiple Access

CDN	Airspace Crossing Coordination Message / Coordination
CDN	Coordination
CDP	Central Data Processing
CDP	Computer Diagnostics Program
CDPS	Central Data Processing System
CDR	Coded Departure Routes. Predefined route
CDR	Conditional Route
CDR	Conflict Detection and Resolution
CDR	Coordination Request
CDR	Critical Design Review
CDRL	Contracts Data Requirements List
CD-ROM	Compact Disk / Read Only Memory
CDS	Controller Display Support
CDSEPT	Committee to Develop Standards for Educational and Psychological Testing
CDT	Command Delivery Time
CDTI	Cockpit Display of Traffic Information
CDTS	Console Detailed Technical Specification
CDU	Control and Display Unit
CDU	Control Display Unit
CE	Committee of Management
CEAC	Committee for European Airspace Coordination
CEAS	Class E Airspace
CEATS	Central European Air Traffic Services
CEATS LSG	Central European Air Traffic Services Legal Sub Group
CEATS UAC	Central European Air Traffic Services Upper Airspace Control Center
CEC	Commission of the European Communities
CEECs	Countries of Central and Eastern Europe; Central and Eastern Europe Countries
CEF	Capacity Enhancement Function

CEFA	Co-operation for Environmentally Friendly Aviation
Central Region	Operations Center
CEO	Chief Executive Officers
CEP	Circular Error Probable
CER	Cancel Emergency Mode Request
CES	Central and Eastern European States
CESA	Class E Surface Area
CESAR	Course Evaluation Sheets Analysis and Reporting
CESC	Chief Executive Standing Conference
CEU	Central Executive Unit
CEU-E	Central executive unit with Responsibility for Eastern Europe
CEU-W	Central executive unit with Responsibility for Western Europe
CEW	Civil Engineering Works
CF	Change frequency to….
CF	Course to a Fix
CF	Change Frequency to
CF	Course to a Fix
CFAR	Constant False Alarm Rate
CFB	Central Flight plan Bank
CFCF	Central Flow Control Facility
CFD	Change to Flight Data Message
CFDS	Central Flight Data Suite
CFDS	Centralized Fault Detection System
CFE	Customer Furnished Equipment
CFEP	Communications Front End Processor
CFI	Certified Flight Instructor
CFIT	Controlled Flight into Terrain
CFL	Cleared
CFM	Central Flow Management
CFM	EEC business area - support to ATFM

CFM	Confirm or I Confirm
CFMU	Central Flow Management Unit
CFMUSC	CFMU Steering Committee
CFR	Code of Federal Regulations
CFTPD	Central File of Transponder Performance Data
CG	Center of Gravity
CGAS	Class G Airspace
CGL	Circling Guidance Light
CGS	Centimeter-gram-second
CH	Channel
CH#	This Is a Channel-Continuity-Check of Transmission to Permit Comparison of Your Record of Channel-Sequence Numbers of Messages Received on the Channel
CHA	Character
CHAID	Chi Square Automatic Interaction Detection
CHAN	Channel
Chap	Chapter
CHEM	Chemical
CHG	Change Message
CHG	Change of Modification
CHG	Modification
CHI	Computer-Human Interface
CHIRP	Confidential human Factors Incident Reporting Program
CHKPT	Checkpoint
CHMI	CFMU Human Machine Interface
CHSP	Course Heading Select Panel
CI	Configuration Item
CI	Course to Intercept
CI	Cirrus
CIA	CFMU Internet Application
CIADN	Croatian Integrated Aeronautical Data Network

CIC	Clearances and Information Communications
CIC	Cabin Interphone Controller
CICT	Convergence and Implementation Coordination Team
CID	Computer Interface Device
CIDIN	Common ICAO Data Interchange Network
CIEL	Common Interface Exchange Language
CIG	Ceiling
CIM	Customer Information Management
CIMIL	Civil/Military Coordination
CINCAT	Capacity Increase through Computer Assistance Tools
CINCENT	Commander in Chief Central Europe
CINTIA	Control of Inbound Trajectories of Individual Aircraft
CIO	Conventional International Origin
CIP	CFMU Implementation Plan
CIP	Convergence and Implementation Program
CIS	Commonwealth of Independent States
CIS	Cooperative Independent Surveillance
CIS	Critical Incident Stress
CIS	Cabin Interphone System
CISD	Critical Incident Stress Debriefing
CISM	Critical Incident Stress Management
CISMO	Centralized International System Management Organization
CIT	Compressor Inlet Temperature
CIT	Critical Incidence Technique
CIT	Near or over large towns
CIT	Near or Over Large Towns
CIT	Continuous Improvement Team
CITRAC	Common Interface for Trajectory Calculation
CIU	Cabin Interface Unit
CIV	Civil

CIWS	Central Instrument Warning System
CJEC	Court of Justice of the European Communities
CJI	Controller Justification Indicator
CK	Check
CI	Cost Index
CL	Center Line
CL	Cleared
CL	Connectionless Mode Service
CL	Center Line
CLA	Clear type of ice formation
CLA	OCM Clearance Echoback Message
CLA	Clear Type of Ice Formation
CLB	Climb Detent of the Thrust Levers
CLB	Climb
CLBR	Calibration
CLD	Cloud
CLD	DCL Clearance Message
CLG	Calling
CLIMAX	Multi-station carrier offset mode, with voting override
CLIMB OUT	Climb-Out Area
CLKWS	Clockwise
CLNP	Connection Less Network Protocol
CLNS	Connection Less Network Service
CLR	Clear or cleared to or clearance
CLR	Clear or Cleared to . . . or Clearance
CLRD	Runway Cleared
CLSD	Closed
CLSD	Close or Closed or Closing
CLTP	Connection Less Transport Protocol
CLW	Communications List Window
CLX	OCM Clearance Message

cm	Centimeter
CM	Configuration Management
CM	Common Memory
CM	Conformance Monitoring
CM	Critical Milestone
CM	Centimeter
CMA	Central Monitoring Agency
CMA	Context Management Application
CMB	Combined
CMB	Climb to or Climbing to
CMC	Central Maintenance Computer
CMC	Central Master Clock
CMC	Constant Mach Blimp
CMC	Central Maintenance Computer
CMCS	Central Maintenance Computing System
CMCSG	Civil and Military Coordination Sub-Group
CMD	Command
CMG	Crisis management Group
CMIC	Civil Military Interface Standing Committee
CMIP	Contract Management and Inspection Procedures
CMIS/CMIP	Common Management Information System / Protocol
CMM	Component Maintenance Manual
CMMC	Central Monitoring and Management Center
CMMC	Common Maintenance Monitoring and Control
CMOS	Complementary Metal Oxid Semiconductor
CMPL	Completion or Completed or Complete
CMS	Central Message Switch
CMS	Common Modular Simulator
CMS	Cabin Management System
CMSA	Carrier Sense Multiple Access
CMSND	Commissioned

CMT	Core Management Team
CMT	Critical Milestone Test
CMT	Certificate Management Team
CMTP	Common Medium-Term Plan
CMU	Communications Management Unit
CMV	Coverage Measurement Volume
CN	Change Notice
CN	Common Network
CN	Permanent Commission for the safety of air navigation
CNACC	Common National Area Control Center
CNATCC	Common National Air Traffic Control Center
CNG	Common Network Group
CNL	Cancel message
CNL	Cancel or Cancelled
CNL	Flight Plan Cancellation
CNS	Communication Navigation and Surveillance
CNS	Study Group of Alternates
CNS	Communications, Navigation and Surveillance
CNS/ATM	Communication, Navigation and Surveillance/Air Traffic Management
CNS/ATM-1	Communication, Navigation and Surveillance / Air Traffic Management Package 1
CNTRLN	Centerline
CO	Connection Mode Service
CO	ContinentalXC
CO ROUTE	Company Route
COB	Certification Oversight Board
COBALT	Common Objective Alignment Team
COBT	Calculated Off Block Time
COC	Combat Operations Center or Concept
COCESNA	Central American Corporation For Air Navigation Service

COCOS	Computer Controlled SSR Code Assignment Procedures
COD	Common Medium-Term Plan Overview Document
CODA	Central Office of Delay Analysis
CODE	Aircraft address when required by the appropriate ATS authority
CODEC	Coder/Decoder
CoE	Center of Expertise
COF	Change of Frequency
COFAR	Common Options for Airport Regions
COFEE	Consolidated Operational data FEEder
COG	Coordination Group
COHO	Coherent Oscillator
COLL	Collapse
COLL	Collision
COLOC	Change of Location of Command
COM	Cockpit Operating Manual
CoM	EUROCONTROL Committee of Management
COM	Communications
COM/DIV	ICAO Communications Divisional Meeting
COM/MET	Communications / Meteorology Divisional Meeting
COM/NAV	Communication/Navigation
COM/OPS	Communications / Operations
COMALF-E	Commander of Airlift Forces - Europe
COMED	Combined Map and Electronic Display
COMG	Communications Group
COMIL	Coordination Center for Military Airspace Use
COMIL-1N	ATS Coordination Center for Military Airspace Utilization - Phase 1 Network
COMLAN	COMmunication Local Area Network
Comm-B	Mode S downlink format DF20 or 21
COMP	Operating Company

COMPAS	Computer Oriented Metering Planning and Advisory System
COMSEC	Communications Security
COMT	Communications Team
COMX	Undefined Future Communication System
CON	Continuous
CONC	Concrete
COND	Condition
CONDAR	Conflict Detection and Resolution
CONDOR	Confidential Direct Occurrence Report
CONF	Conflict
CONFACP	Conflict Accept
CONOPS	Concept of Operations of Mode S in Europe
CONP	Connection Oriented Network Protocol
CONS	Continuous
CONST	Construction or Constructed
CONT	Continue or Continued
Cont'd	Continued
CONUS	Continental United States
COO	Coordinator
COOR	Coordinate or Coordination
COORD	Coordination
COORD	Coordinates
COP	Change over Point
COP	Contingency Operations Plan
COP	Coordination Point
COP	Change-Over Point
COPG	Common Operating Procedures Group
COPP	Connection Oriented Presentation Protocol
COPS	Common Operational Performance Specifications
COR	Correct or Corrected or Correction
COR	Correlate

COR	Correct or Correction or Corrected
COR	Corrector
CORA	Conflict Resolution Assistant
CorC++	Computer language
CORE	Controlled Requirements Expression
CORE	CORE Requirements for ATM Working Positions
COROM	Cognitive Competencies Model
CORUM	Training and Human Resources Consultancy Company
COS	Chief of Staff
COS	Computer Operating Station
COS	Continued Operational Safety
COSAAC	Common Simulator to Assess ATMF Concepts
COSP	Connection Oriented Session Protocol
COSPAS	Space system for the search of vessels in distress
COST	Cooperation in the Field of Scientific and Technical Research
COSU	Core Systems Unit
COT	at the Coast
COTP	Connection Oriented Transport Protocol
COTR	Contracting Officer's Technical Representative
COTS	Commercial Off-the-Shelf
COV	Cover or Covered or Covering
CP	Circular Polarization
CP	Conflict Probe
CP	Contact Person
CP	Control Panel
CP	CWP Processor Unit
CP	Control Panel
CPA	Closest Point of Approach
CPC	Constant Pitch Climb
CPC	Control and Processing Center

CPCs	Certified Professional Controllers
CPCS	Cabin Pressure Control System
CPD	Continuous Professional Development
CPD	Coupled
CPDLC	Controller-Pilot Data Link Communications
CPF	Central Processing Facility
CPG	FAA & Industry Guide to Product Certification
CPI	Californian Psychological Inventory
CPL	Commercial Pilots License
CPL	Current Flight Plan
CPL	Customer Priority Listing
CPL	Current Flight Plan
CPL	Commercial Pilot License
CPN	Certification Project Notification
CPR	Conflict Prediction and Resolution
CPS	Central Print Service / Central Processing System
CPS	Characters Per Second
CPU	Central Processing Unit
CR	Central Region
CR	Course to a VOR Radial
CRAF	Central Reservation Airspace Facility
CRAF	Civil Reserve Air Fleet
CRAF	Computer Resolution Advisory Function
CRAFS	Civilian Request for Airspace and Flight Data System
CRAM	Conditional Route Availability Message
CRATF	Communications Requirements Analysis Task Force
CRC	Control and Reporting Center
CRC	Cyclic Redundancy Check
CRCO	Central Route Charges Office
CRD	Conflict Risk Display
CRDA	Converging Runway Display Aid

CRDS	CEATS Research & Development & Simulation Center
CRDS	Color Raster Scan Display
CREME	Creating the EATCHIP Management Environment
CRF	Central Repair Facility
CRITTER	Civil Rotorcraft IFR Terminal-Area Technology Enhancement Research
CRKG	Cranking
CRM	Cockpit / Crew Resource Management
CRM	Collision Risk Modelling
CRM	Coordination Revision Message
CRM	Collision Risk Model
CRMCS	Central RADNET Monitoring and Control System
CRS	Contingency Routing System
CRS	Controller Route Sequence
CRS	Course
CRT	Choice Reaction Time
CRZ	Cruise
CS	Callsign or Contract Signature
CS	Cirrostratus
CS	Collapsed Sector
CS	Call Sign
CS	Cirrostratus
CSAC	Cooperative Structural Airspace Concept
CSAR	CFMU System Anomaly Report
CSB	Compressor Stability Bleed
CSC	Common Signaling Channel
CSCE	Conference on Security and Cooperation in Europe
CSCP	Cabin System Control Panel
CSCW	Computer Supported Co-operative Work
CSD	Concept and System Domain
CSD	Constant Speed Drive

CSD	Context and Scope Document
CSD	Context Specification Document
CSDT	Concept & Systems Development Team
CSDT	Context and System Domain Team
CSEL	Combat survivor evader locator
CSEU	Control System Electronics Unit
CSF	Critical Success Factor
CSFR	Czech and Slovak Federal Republic
CSI	Combined Safety Investigation
CSI	Critical Success Indicator
CSI	AVS Consistency and Standardization Initiative
CSM	Central Service Modules
CSM	Chaotic Situation Management
CSMA	Carrier Sense Multiple Access
CSMA/CD	Carrier Sense Multiple Access with Collision Detect
CSMU	Cabin System Management Unit
CSN	Channel Sequence Numbers
CSO	CFMU System Operations HELPDESK Team
CSP	Communication Service Provider
CSP	Comprehensive Strategic Plan
CSPDU	CEATS Strategic Planning & Development Unit
CSR	Cursor
CSR	Customer Service Requests
CSSR	Conventional SSR
CSU	Control Sector Unit
CSU-P	Center Supervisor
CT	Center
CT	Cooperative Tools
CT	Core Tasks
CT	Core Team
CT	Control Transformer
CTA	Calculate Time of Arrival

CTA	Controlled-Time of Arrival
CTA	Cognitive Task Analysis
CTA	Control Area
CTAM	Climb to and Maintain
CTAS	Center TRACON Automation System
CTB	Co-operative Tube Based
CTC	Cancel All Contracts and Terminate Connection Request
CTC	Centralized Train Central
CTC	Contact
CTC	Cabin Temperature Controller
CTD	Calculated time of Departure
CTF	Communication Task Force
CTG	Common Training Group
CTI	Collegiate Training Initiative
CTL	Control
CTMO	Central Air Traffic Flow Management Organization
CTN	Caution
CTO	Computed Time Over
CTOT	Calculated Take Off Time
CTR	Center
CTR	Civil Tilt Rotor
CTR	Controller or Control Zone
CTR	Control Zone
CTRL	Control
CTRS	Common Time Reference System
CTS	Command Tracking Stations
CTS	Cabin Temperature Selector
CTS	Conversational Terminal System
CTWUEC	Committee of Transport Workers' Unions in the European Community
CU	Control Unit

CU	Cumulus
CUF	Cumuliform
CUG	Closed User Group
CUP	Computer Utility Program
CUP	CWP-Unit Processor
CUR	Current Sector or Center or Controller
CUST	Customs
CV	Curriculum Vitae
CVFR	Controlled Visual Flight Rules
CVO	Code Validity Overlap
CVR	Cockpit Voice Recorder
CVR	Console Voice Recorder
CVSM	Conventional Vertical Separation Minimum
CVSRF	Crew-Vehicle Simulation Research Facility
CW	Clockwise
CW	Continuous Wave
CWAR	Continuous Wave Acquisition Radar
CWBS	Contract/Complete Work Breakdown Structure
CWDPS	Central Weather Data Processing System
CWIR	CFMU Generated What-If Re-routing
CWP	Controller Working Position
CWS	Control Wheel Steering
CWS	Collision Warning System
CWS	Control Wheel Steering
Cwt	Hundredweight
CWY	Clearway
CX	Cathay
CYPRO	Cyprus Project for ATC Improvements
CYTA	Cyprus Telecommunications Authority
CZM	Conventional Zero Meridian
CZW	Conflict Zoom Window

DELTA

1970

Imperial Iranian Air Force
Lockheed C-130E Hercules
London, United Kingdom

D	Danger Area
D	Day
D	Derated
D	Downward
D	Danger Area
D&D	Distress and Diversion
D.O.T	Department of Transport
D/A	Digital-to-Analog
D/D	Drift Down
D/L	Data Link
DA	Decision Altitude
DA	Descent Adviser
DA	Dimensional Aspect
DA	Direct Access
DA/H	Decision Altitude Height
DAA	Dynamic Airspace Allocation
DAA	Digital/Analog Adapter
DAAIS	Danger Area Activity Information Service
DAARWIN	Distributed ATM Architecture based on RNAV, Work-stations, Intelligent tools, and Networks
DABS	Discrete Address Beacon System
DAC	Deployable ACCS Component
DAC	Direction Aviation Civile
DAC	Dynamic Air Traffic Control Test
DACT	Dissimilar Air Combat Training
DADC	Digital Air Data Computer
DAF	Demand Adjustment Factors
DAFIF	Digital Aeronautical Flight Information File
DAH	Design Approval Holder
DAI	Direct Access Intercom
DAISY	Distributed Airport Information System
DAIW	Danger Area Altitude Warning

DALGT	Daylight
DAP	Directorate of Airspace Policy
DAP	Downlink Aircraft Parameter
DAPs	Downlinked Aircraft Parameters
DAR	Digital Aids Recorder
DARC	Direct Access Radar Channel
DAS	Directorate ATM Strategies
DAS	DME Based Azimuth System
DAS	Dual Attachment Station
DASA, Dasa	Deutsche Aerospace
DASR	Department of ATC Systems Research
DAT	Differential Aptitude Test
DATALINK	Digitized Information Transfer
DATAS	Datalink and Transponder Analysis System
D-ATIS	Digital ATIS
D-ATIS	Data Link Automatic Terminal Information Service
DATS TF	Delegation of ATS Task Force
D-ATSU	Downstream Air Traffic Service Unit
DAVINCI	Departure and Arrival Integrated Management System for Cooperative Improvement of Airport Traffic Flow
DB	Data Base
dB	decibel
DBC	Data Bank COMECON
DBE	Data Bank EUROCONTROL
dBi	decibel with respect to an isotropic antenna
dBm	decibel, referenced to 1 milliwatt
DBMS	Data Base/Data Bank Management System
DBS	Data Base System
DBS	Direct Broadcast Satellite
dBW	decibel, referenced to 1 watt
dBZ	decibel, units of reflectivity

DC	Departure Clearance
DC, d.c.	Direct Current Electricity / Device Control
DCA	Department of Civil Aviation
DCA	Director of Civil Aviation
DCAM	Department Civil Aviation of Malta
DCC	Data Country Code
DCD	Double Channel Duplex
DCDU	Datalink Control and Display Unit
DCE	Data Circuit-terminating Equipment
DCE	Data Communications Equipment
DCF	Discounted Cash Flow
DCF77	German time standard, emitting on 77.5 kHz with callsign DCF
DCFEP	Data Communications Front End Processor
DCIA	Dependent Convergent Instrument Approaches
DCKG	Docking
DCL	Departure Clearance
DCM	Decomposition and Consolidation Matrix
DCM	Document Configuration Management
DCM	Downstream Clearance Message
DCMSN	Decommission
DCMSND	Decommissioned
DCOS	Deputy Chief of Staff
DCP	Display Control Panel
DCP	Datum Crossing Point
DCPC	Direct Controller Pilot Communication
DCPC	Direct Controller-Pilot Communications
DCPs	Dedicated Personal Computers
DCR	Design Certification Review
DCR	Display Control Readout
DCRCO	Director Central Route Charges Office
DCS	Data Communications System

DCS	Double Channel Simplex
DCT	Direct
DCT-LB	Direct Telephone - Local Battery
DCTS	Digital Communications Terminal System
DCU	Display Control Unit
DCW	Digital Chart of the World
DDA	Downstream Data Authority
DDB	Dynamic Databank/Database
DDC	Data Display Console
DDD	Detailed Design Document
DDE	Dynamic Data Exchange
DDL	Data Description Language
DDM	Data Display Monitor
DDP	Declaration of Design Performance
DDP	Distributed Data Processing
DDU	Display Drive Unit
DE	From
DEA	Data Exchange Agreement
Debrief	Debriefing
DEC	Digital Equipment Corporation
DEC	December
DECADE	DFS/EUROCONTROL Common ATC Development
DECCA	Hyperbolic Area Navigation System
DECR	Decrement
DED	Director EATCHIP Development
DED	Dead Ended Shield
DEE	Data Entry Equipment
DEEC	Director of the Eurocontrol Experimental Center
DEFAMM	Demonstration Facilities for Airport Movement Management
DEG	Data Environment Generator
DEG	Degrees

DEGS	Degrees
DEI	Directorate EATCHIP Implementation
DEL	Delete
DEL	Deliverable
DEL	Diagram Equipment List
DEM	German Marks
DEMETER	Distance Measuring Equipment Tracer
DEMETER	DME Metering
Demo	Demonstration
DEP	Depart, Departure
DEP	Depart or Departure
DEP	Departure
DEP PROC	Departure Procedure
DEP TC	Departure Tactical Controller
DEPA	Departure Airfield
DEPCOS	Departure Coordination System
DEPO	Deposition
DEP-VKL	Departure Controller
DER	Departure End of the Runway
DERA	Defense Evaluation and Research Agency
DERD-X	Display of Extracted Radar Data - Extension
DERD-X/XL	Display of Extracted Radar Data - Expanded/Expanded with LAN
DES	Data Exchange System
DES	De-Suspension Message
DES	Draft Eurocontrol Standard Document
DES	Descend to or Descending to
DESC	Descending
DEST	Destination Aerodrome
DEST	Destination
DETF	Data Exchange Trust Facility
DE-TO Nl	Derated Takeoff Engine Fan Speed

DE-TO PR	Derated Takeoff Engine Pressure Ratio
DETR	Department of the Environment, Transport and the Regions
DETRESFA	Distress Phase
DEV	Deviation
DEV	Domain Executive View
DEV	Deviation or Deviating
DEVD	Development Division
DF	Direct to a Fix
DF	Direction Finding or Display Field
DF	Directorate Finance / Direction des Finances
DF	Direction Finding
DFCS	Digital Flight Control System
DFDAU	Digital Flight Data Acquisition Unit
DFDR	Digital Flight Data Recorder
DFGS/C	Digital Flight Guidance System/Computer
DFIS	Data Link Flight Information Service
DFL	Division Flight Level
DFL	Dynamic Flight Leg
DFS	Detailed Functional Specification
DFS	German ATC Corporation
DFTI	Distance From Touchdown Indicator
DGCA	Director General of Civil Aviation of ECAC Member States
DGE	Director General Eurocontrol
DGNSS	Differential Global Navigation Satellite System
DGOF	Director General's Office
DGON	Deutsch's German Institute for Navigation
D-GPS	Differential Global Positioning System
DGS	Director General Secretariat
DGVII	Directorate General of Transport / European Commission
DH	Decision Height

DHP	Direct Host Processor
DHR	Directorate Human Resources
Di	Detectability
DIADAM	Distributed ATM Data Management
DIANS	Director Institute of Air Navigation Services
DIB	Directory Information Base
DICE	Direct Course Error
DID	Direct Identification Data
DIF	Diffuse
DIGEST	Digital Exchange Standards
DIL	Data Items List
DILCS	Dedicated Intelligence Loop Circuits System
DIR	Direct
DIR/INTC	Direct Intercept
DIRA	Department for Interdisciplinary Relations of Aviation
DIS	Data Displayed
DIS	Directorate Infrastructure ATC Systems and Support
DIS	Distance
DIS/HUM	ATM Human Resources Unit
DISABLD	Disabled
DISCR	Discrepancy
DIST	Distance
DIU	Digital Interface Unit
DIV	DIVert or DIVerging
DIV	Divert or Diverting
DK	Denmark
DL	Data Link
DL	Delta
DL	Delta Airlines
DLA	Delay or Delayed
DLA	ATS message indicator for delay

DLARD	Data Link Application Requirements Document
DLASD	DL Application System Document
DLCRD	Data Link Communication Requirement Document
DLF	Data Link Frame
DLIC	Data Link Initiation Capability
DLL	Data Link Layer
DLL	Delay Locked Loop
DLP	Data Link Processor
DLPU	Data Link Processing Unit
DLR	German Aerospace Center
DLS	Data Link Splitter
DLT	Delete
DLT	AIR's Division Leadership Team
DLW	Departure List Window
DLY	Daily
DM	Departure Manager
DMA	Decision Making Aids
DMA	Defense Mapping Agency
DMA	Direct Memory Access
DMA	Divergence Monitoring and Alert
DMAN	Departure Manager
DMAS	Director Maastricht Control Center
DMC	Display Management Computer
DMC	Detachment of Military Coordinators
DME	Distance Measuring Equipment
DME/P	Precise DME
DML	Data Manipulation Language
DMR	Data Modification Request
DMS	Database Management System
DMSTN	Demonstration
DMU	Data Management Unit
DNAs	ECAC Directors of Air Navigation

DNG	Danger or Dangerous
DNIC	Data Network Identification Codes
DNS	Digital Network Signaling
DNTKFX	DownTrack Fix
DOC	Designated Operational Coverage
DOC	Direct Operating Cost
DOC	Document
DoD	Department of Defense
DoD MIL	Department of Defense - military
DODAR	Diagnosis, Options, Decision, Assessment and Revision
DOF	Date of Flight
DOI	Department of Industry
DOM	Domestic
DOP	Daily Operations Plan
DOP	Dilution of Precision
DORA	Directorate Operational Research and Analysis
DOS	Disk Operating System
DOT	Department of Transportation
D-OTIS	Data Link Operational Terminal Information Service
DOTS	Dynamic Ocean Tracking System
DP	Dewpoint Temperature
DP	Discussion Paper
DP	Dew Point Temperature
DP	Differential Protection
DP&P	Data Processing and Peripherals
DPA	Distinguishing Path Attribute
DPA	Digital Pre-Assembly
DPC	Defense Planning Committee
DPCT	Differential Protective Current Transformer
DPDG	Diplomatic and Protocol Drafting Group
DPE	Digital Plot Extractor

dpi	dots per inch
DPL	Deputy Project Leader
DPL	Displayed Flight Plan
DPL	Duplicate Plan
DPLY	Deploy
DPS	ATM Data Processing System
DPS	Detailed Production Specification
DPS	Distributed Processing System
DPSADD-TF	Data Processing Systems Architecture Description Document Task Force
DPSK	Differential Phase Shift Keying
DPT	Depth
DPT	Dynamic Time-based Planning
DR	Low drifting
DR	Drifting
DR	Dead Reckoning
DR	Disaster Recovery
DR	Dead Reckoning
DR	Low Drifting
DRA	Defense Research Agency
DRAM	Dynamic Random Access Memory
DRC	Defense Review Committee
DRC	Dynamic Route Change
DRCP	Data Reduction Computer Program
DRDF	Digital Readout Direction Finder
DRF	Departure Flow Regulation
DRFT	Snowbank caused by wind action
DRG	During
DRMS	Distance Root Mean Square
DRU	Data Retrieval Unit
DRUG	Dutch Radars Users Group
DRUM	Diagnostic Recorder for Usability Measurement

DS	Data Source
DS	Dust Storm
DSA	Director Safety, Airspace, Airports and Information Services
DSA	Directory System Agent
DSAP	Destination Service Access Point
DSB	Double Side Band
DSC	Downstream Clearance
DSCVHF	Digital Selective Calling - Very High Frequency
DSF	Distribution and Switching Facility
DSI	Data Source Interface
DSI	Denmark Sweden Interface
DSM	Departure Suspense Message
DSP	Datalink Status Panel
DSP	Digital Signal Processor
DSP	Domain Specific Part
DSP	Display Select Panel
DSPLCD	Displaced
DSPY	Display
DSS	Data Systems Specialist
DSS	Decision Support System
DSS	Direct Subsystem
DST	Decision Support Tools
DST	Direct Support Task
DSU	Data-Source Selector Unit
DSU	Direct Support Unit
DT&E	Development, Test and Evaluation
DTAM	Descend to and Maintain
DTE	Data Terminal Equipment
DTED	Digital Terrain Evaluation Data
DTF	Data Link Test Facility
DTG	Distance-to-go

DTG	Date-Time Group
DTHR	Displaced Runway Threshold
DTMF	Dual Tone Multifrequency
DTN	Data Transport Network
DTP	Desk Top Publishing
DTRT	Deteriorate or Deteriorating
DTS	Data Terminal Set
DTS	Data Transmission System
DTU	Data Transmission Unit
DTVOR	Doppler Terminal VOR
DTW	Dual Tandem Wheels
DU	Display Unit
DU	Dust
DUA	Dedicated User Area
DUA	Directory User Agent
DUAT	Direct User Access Terminal
DUAU	Data Update and Access Unit
DUC	Dense Upper Cloud
DUPE	This Is a Duplicate Message
DUR	Duration
DVAS	Documentation and Visual Aids Specialist
DVI	Direct Voice Input
DVO	Direct Voice Output
D-VOLMET	Data Link VOLMET
DVOR	Distance VOR
DVOR	Doppler VOR
DVORTAC	Doppler VOR and TACAN
DVP	Development and Verification Platform
DW	Dual Wheels
DWP	Departure Waypoint
DYNAV	Dynamic Route Availability
DZ	Drizzle

E

ECHO

1970

Imperial Iranian Army Aviation
Bell AH-1 Super Cobra
Fort Worth, Texas, United States

E	East
E	East or Eastern Longitude
E/D	End-of-Descent
E/O	Engine-Out
EA	Europe Airsports
EAA	European Aviation Agency
EAC	East Assistant Controller
EACAC	Evolutionary AIR Ground Cooperative ATM Concept
EACG	European ATFM Consultation Group
EACNSISG	EATCHIP Architecture and CNS Infrastructure Sub-Group
EAD	Earliest Arrival Date
EAD	European AIS Database
EAD SGR	EAD Sub-Group
EADCOS	EAD Coordination Group
EADI	Electronic Attitude Director Indicator
EADTF	European AIS Database Task Force
EAG	European ATFM Consultation Group and its two Subgroups
EAG	Event Analysis Group
EAIP / EAIP-TF	Electronic Aeronautical Information Publication
EAM	Eurocontrol Airspace Model
EAMG	European ATFM Management Group
EAMG SSG	EAMG Systems Sub-Group
EAN	European ATSO Network
EANPG	European Air Navigation Planning Group
EAP	EATCHIP Alignment Process
EARTS	Enroute Automated Radar Tracking System
EAS	Equivalent Airspeed
EAS	EUROCONTROL Advisory Service / Division
EAS	European AIS System
EASA	European Aviation Safety Authority

EASG	EASIE ATM Support Group
EASIE	Enhanced Air Traffic Management and Mode S Implementation in Europe
EAT	Estimated Approach Time
EAT	Expected Approach Time
EATCFMU	European Air Traffic Central Flow Management Unit
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
EATMP	the European Air Traffic Management Program
EATMS	European Air Traffic Management System
EATN	Experimental Aeronautical Telecommunication Network
EAWDG	EATMS Architecture Workshop Drafting Group
EB	Eastbound
EB	Executive Board
EBAA	European Business Aviation Association
EBCDIC	Extended Binary Coded Decimal Interchange Code
EBP	Emergency Bypass Processor
EC	European Commission
EC	European Community
EC	Executive Controller
EC	Eyes closed
ECA	Executive Controller Assistant
ECAC	European Civil Aviation Conference
ECAC area	European Civil Aviation Conference Area
ECAC Reference Levels	European Civil Aviation Conference Area Reference Levels
ECAC Strategy	European Civil Aviation Conference Strategy

ECAF	ECAC Centralized Airspace Facility
ECAM	Electronic Centralized Aircraft Monitoring
ECARDA	European Coherent Approach to Research and Technological Development for ATM
ECBAG	EATCHIP Cost-Benefit Advisory Group
ECC	EATCHIP Coordination Committee
ECC-AIRS	European Coordination Center for Aircraft Incident Reporting Systems
ECCG	Experimental Center Consultation Group
eCE	enlarged Committee for Route Charges
ECEF	Earth-Centered-Earth-Fixed
ECET	End of Civil Evening Twilight
ECG	EATCHIP Communication Gateway
ECHO	EATCHIP CNS/ATM Holistic Model Using RM-ODP
ECHQ	Eurocontrol Headquarters
ECI	EAD Client Interface
ECIP	European Convergence and Implementation Plan
ECIPD	Document ECIP
ECIT	EAD Client Interface Terminal
ECM	EATCHIP Coordination Meeting
ECM	Electronic Counter Measure / Message
ECM	Executive Control Message
ECM	Extended Callsign Menu
ECMA	European Computer Manufacturers' Association
ECMT	European Conference of Ministers of Transport
eCN	enlarged Commission
ECON	Economy
ECP	Engineering Change Proposal
ECP	Expedite Clearance Procedure
ECR	Event Contract Request
ECRG	Experimental Center Review Group
ECRSG	EATMS Concept & Requirements Sub-Group

ECS	Environmental Control System
ECSC	European Conference on Satellite Communications
ECT	European Coordination Team
ECTF	EATMS Concept Task Force
ECU	European Currency Unit
Ed	Editor
ED50	European Datum 1950
ED70	European Datum 1970
ED87	European Datum 1987
EDA	Electro-Dermal Activity measurement
EDA	Elevation Differential Area
EDAG	European Delay Analysis System Advisory Group
EDAS	European Delay Analysis System
EDB	Environmental Data Base
EDCT	Expect Departure Clearance Time
EDD	Electronic Data Display
EDD / TID	EDD / Touch Input Device
EDDF	Environmental Data Processing and Distribution Function
EDDUS	EDD Update System
EDD-VKL	EDD-controller/planner-controller
EDI	Electronic Data Interchange
EDIFACT	Electrical Data Interface for Administration Commerce and Transport
EDIU	Engine Data Interface Unit
EDMS	Engineering Data Management System
EDP	Electronic Data Processing
EDP	Environmental Data Processing
EDP	Engine Driven Pump
EDPD	Environmental Data Processing and Distribution
EDS	Explosives Detection System
EE	Estonia

EEB	European Environmental Bureau
EEC	Electronic Engine Control
EEC	EUROCONTROL Experimental Center
EEC	European Economic Community
EEC	Electronic Engine Control (Unit)
EEC/BSC	Eurocontrol Experimental Center / Building Steering Committee
EEE	Etudes, Essays and Experimentation
EEE	Error
EEG	Electroencephalogram
EEI	Essential Elements of Information
EEPROM	Electrically Erasable Programmable Read-Only Memory
EES	European Eastern States
EET	Estimated Elapsed Time
EFAS	Electronic Flash Approach Light
EFAS	EnRoute Flight Advisory Service
EFC	Expect Further Clearance
EFCU	Elevator Feel and Centering Unit
EFDFMG	EUROCONTROL Flow Data and Flow Management Group
EFDP	European Flight Data Processing
Eff	Effective from
EFIS	Electronic Flight Instrument System
EFL	Entry Flight Level
EFL	Estimated Flight Level
EFMS	Experimental Flight Management System
EFP	España-France-Portugal Plan
EFPD	Extended Flight Plan Description
EFPM	Extended Flight Plan Message
EFPS	External Front Processing System
EFQM	European Foundation for Quality Management
EFR	Extended Flight Rules

EFS	Electronic Flight Strip
EFS	Extended Flight Store
EFTA	European Free Trade Association
EGA	Enhanced Graphics Adapter
EGATCM	Eurocontrol Guild of Air Traffic Controllers Maas-tricht
EGATS	EUROCONTROL Guild of Air Traffic Services
EGERIA	Engineering Group for European Integration ATC
EGIP	European Gateway for INO Provision
EGNOS	European Global Navigation Overlay Service
EGNOS	European Geostationary Navigation Overlay Service
EGNOS	Overlay Service
EGNOS-EM	European Global Navigation Overlay Service - East Mediterranean
EGPWS	Enhanced Ground Proximity Warning System
EGT	Exhaust Gas Temperature
EGU	European Gliding Union
EHA	European Helicopter Association
EHD	Danger Area
EHF	Extremely High Frequency
EHQ	Eurocontrol Headquarters
EHR	Restricted Area
EHSI	Electronic Horizontal Situation Indicator
EHT	Extremely High Tension
EIA	Electronic Industries Association
EIB	European, Investment Bank
EICAS	Engine Indicating Crew Alerting System
EICAS	Engine Indicating and Crew Alerting System
EIF	Extended Interface Function
EIIC	Electronics Installation and Implementation Center
EIPA	European Institute of Public Administration
EIRP	Effective / Equivalent Isotropic Radiated Power

EIS	Environmental Information Sampling
EIS	Enforcement Information System
EIU	Electronic Interface Unit
EL	Electro-Luminescent
EL/KYB	EL Keyboard
ELBA	Emergency Location Beacon-Aircraft
ELBA	Emergency Location Beacon
ELCU	Electrical Load Control Unit
ELEV	Elevation
ELINT	Electronic
ELM	Extended Length Message
ELMS	Electrical Load Management System
ELOS	Equivalent Levels of Safety
ELR	Extra Long Range
ELS	Electronic Library Service
ELS	Emergency Landing Strip
ELT	Emergency Locator Transmitter
ELW	Extended Label Window
EM	Emission
EMAS	Environmental Management Audit System
EMBD	Embedded in a Layer
EMC	ElectroMagnetic Compatibility
EMCC	EATM Management Coordination Committee
EMCON	Emission Control
EMER	Emergency
EMERALD	EMErging and Activities of reLevance to ATM concept Definition
EMERG	Emergency
EMEU	Eurocontrol Military Expert Unit
EMF	Exercise Management Facility
EMG	EAD Management Group
EMG	ElectroMyoGram

EMG	Emergency
EMH	EATCHIP Management Handbook
EMI	Electromagnetic Interference
EMIRA	Eurocontrol Maastricht Information Retriever Application
EMIS	EATCHIP Management Information System
EMM	Extractor Monitoring Message
EMOTION 7	open Maintenance of TCAS II Logic Version 7.0
EMP	ElectroMagnetic Pulse
EMP	Electric Motor Pump
EMS	EATCHIP Management Support
EMS	Emergency Medical Services
EMS	European Mobile System
EMSO	EATCHIP Management Support Organization
EMSS	European Mobile Satellite Services
EMT	Eye-Movement tracking
EMTO	ECAC Medium Term Objectives Group
EMU	Extended Memory Unit
EN	Euro Norm
END	Stop-End
ENE	East-North-East
ENG	Engineering / Engine
ENG	Engine
ENGD	Engineering Division
ENHANCE	EuropeaN Harmonized Aircraft Noise Control modelling Environment
ENJJPT	Euro-NATO Joint Jet Pilot Training
ENOC	European Network Operating Concept
ENPRM	European Notice of Proposed Rule-Making
ENRC	Enroute Chart
ENRI	Electronic Navigation Research Institute
ENRT	EnRoute

ENTMT	Entertainment
ENV	Environment System
ENWY	Entryway
EO	Executive Objectives
EO	Eyes Open
EOBD	Estimated Off Block Date
EOBT	Estimated Off-Block Time
EOC	Edge of Coverage
EOCD	EATMS Operational Concept Document
EODP	EATMS Options Discussion Paper
EOG	ElectroOculoGram
EOIG	EGNOS Operators and Infrastructure Group – the ATS providers in the states formerly known as the IKD States
EOLIA	European Pre-operational Datalink Applications Project
EONS	Eurocontrol Open and Generic Graphic System
EOQ	European Organization for Quality
EP	Expert Panel
EPAC	EATCHIP Policy and Allocation Committee
EPAC	Eurocontrol Program Appraisal Committee
EPAS	Emergency Power Assist System
EPB	EATCHIP Project Board
EPC	Enhanced Planning and Coordination function
EPCM	Enhanced Planning Control Message
EPD	EATCHIP Planning Division
EPG	EASIE Policy Group
EPHOS	European Handbook for Open Systems
EPIC	European Program for the Implementation of a Common geodetic reference frame
EPIC	Extended PCM Interface Controller
EPM	EATCHIP Planning Method

EPM	Electromagnetic Protection Modification
EPMB	EASIE Program Management Board
EPR	Engine Pressure Ratio
EPR, DGS/EPR	External and Public Relations
EPRL	Engine Pressure Ratio Limit
EPROM	Erasable-Programmable Read-Only-Memory
EPRT	External Processing Response Time
EPS	Exercise Preparation Suite
EPSU	European Public Service Union
EPT	Estimated Parking Time
EPT	Eurocontrol English language Placement Test
EQPT	Equipment
EQUATOR	Environment for Qualitative Temporal Reasoning
ER	EnRoute
ER	Here . . . or Herewith
ER TC	Enroute Tactical Controller
ERA	European Regional Airlines Organization
ERABIS	Route Invoicing System
ERATO	Enroute Air Traffic Organizer
ERCG	External Relations Coordination Group
ERCS	EXM Resistant Communications System
ERD	End Routing Domain
ERDF	European Regional Development Fund
ERFA	Conference on the Economics of Route Air Navigation Facilities and Airports
ERIP	EAD Remote Interface Package
ERM	Enroute Metering
ERM	Estimate Revision Message
ERN	Earth Referenced Navigation
ERNP	European Radio Navigation Plan
EROPS	Extended Range Operations by Twin-Engine Aircraft
ERP	Effective Radiated Power

ERP	Event-Related Potential
ERP	Extracted Route Points
ER-PC	Enroute Planner Controller
ERR	Error Message
ERS	Early Retirement Scheme
ERS	Extracted Route Sequence
ERSS	Eurocontrol Radar Surveillance Standard
ERT	Estimate Revision Message
ERT	Execution Reference Time
ERV	ECM Resistant Voice
ES	Elementary Sector
ES	Emergency System
ES	End Service / System
ES	Eurocontrol Standard
ESA	Electronically
ESA	European Space Agency
ESARR	Eurocontrol Safety Regulatory requirements
ESCAPE	EUROCONTROL Simulation Capability and Platform for Experimentation
ESCAT	Emergency Security Control of Air Traffic
ESCC	Electrical Supply and Control Center
ESCO	Executive Support and Coordination Office
ESDF	Environmental Static Data Processing and Distribution Function
ESDI	Enhanced Small-Device Interface
ESDS	Electrostatic Discharge Sensitive
ESE	East-South-East
ESF	Essential Support Facilities
ESL	Entry Sequence List
ESME	Enhanced Simulation Modelling Environment
ESNTL	Essential
ESP	Enroute Spacing

ESPRIT	European Strategic Program for Research and Development in Inform. Technology
EST	Estimated
EST	Boundary Estimate Message
EST	Estimate message designator
EST	Estimate or Estimated or Estimation
ESTEC	European Space Technology and Research Center
ESTEEM	Elaboration of a Strategy for the Transition from EATCHIP phase III to the EATMS
ESUP	Eurocat Support System
ET	External Tank
ET	Executive Task
ETA	Estimated Time of Arrival or Estimating Arrival
ETC	Electronic Temperature Control
ETD	Estimated Time of Departure or Estimating Departure
ETE	Estimated Time of Entry
ETFDD	Electronic Tabular Flight Data Display
ETFDM	Electronic Tabular Flight Data Message
ETFMS	Enhanced Tactical Flow Management System
ETG	European GNSS Tripartite Group
ETL	Extended Track Label
ETMA	Extended Terminal Maneuvering Area
ETO	Estimated Time Overhead
ETO	Estimated Time Over Significant Point
ETOPS	Extended Range Twin Engined Operations
ETOPS	Extended Twin (Engine) Operations
ETOT	Estimated Take Off Time
ETR	ETSI Technical Report
ETRAS	Easy Transported Radar Analysis System
ETREM	Eurocontrol Technical Requirements Model
ETRF	European Terrestrial Reference Frame

ETS	Early Termination of Service
ETSI	European Telecommunications Standard Institute
ETSO	European Technical Standard Order
ETX	End of Transmission
ETX	Estimated Time of Exit
EU	Electronic Unit
EU	European Union
EU-ACA	European Union Airport Coordinators Association
EUCARF	European Central Altitude Reservation Facility
EUM, EUMED, Eumed	Europe Mediterranean Air navigation Region
EUR	Euro
EUR	European
EUR	European Region
EUR ANP	Air Navigation Plan in Europe
EUR ATN	European ATN
EUR RAN	European Regional Air Navigation
EUR RASC	Regional AIS System Center inside the ICAO EUR region
EUR RODEX	European Regional OPMET Data Exchange
EURACA	European Air Carrier Assembly
EURAM	European Research in Advanced Materials =BRITE
EURAP	European Regional ATS Packet Switching Network
EURATN	European experimental Aeronautical Telecommunications Network
EURET	European Research for Transport Specific Resource and Technological Development Program in the Field of Transport
EURO	Eurocontrol
EURO/5-States RSG	Eurocontrol/5-States Route Structure Group
EUROCAE	European Organization for Civil Aviation Equipment manufacturers
EUROCAEDS	European Organization for Civil Aviation Equipment

EUROCONTROL	European Organization for the Safety of Air Navigation
EUROSIM	Eurocontrol Simulator at the Institute of Air Navigation Services
EUROSTAT	Statistical Office of the European Communities
EUR-RAN	European Regional Air Navigation
EV	Every
EVAS	EATMS Validation Strategy
EVP	EATM Validation Project
EVS	Enhanced Visual System
EVS	Evaluation System
EVS	Enhanced Vision System
EWA	Error Warning Area
EWAN	EGNOS Wide Area Network
EWBS	EATCHIP Work Breakdown Structure
EWG	Executive Working Group
EWIS	Electrical Wiring Interconnect System
EWP	EATCHIP Work Program
EWP	EATM Work Program
EWP	Enhanced Working Position
EWPA	EATCHIP Work Program Adaptation
EWPD	EATCHIP Work Program Document
EWPD	EATM Work Program Document
EWS	Early Warning System
EWS	Experimental Workstation Simulator
EWT	EATMS Working Team
EXC	Executive Controller
EXC	Except
EXCHR	Exchanger
EXEC	Execute
EXER	Exercise or Exercising or to Exercise
EXP	Expect or Expected or Expecting

EXPLT	Extrapolate
EXSPEC	Exercise Specification
EXTD	Extend or Extending

FOXTROT

1971

Imperial Iranian Air Force
Boeing CH-47C Chinook

Paris, France

F	Fahrenheit
F	Flight Instructor
F	Fixed
F	Force
F&CM	Flow and Capacity Management
F/E	Flight Engineer
F/F	Fuel Flow
F/G	Foreground
F/O	First Officer
F18	Field 18 of Flight Plan
FA	Final Approach
FA	Course From a Fix to An Altitude
FAA	Federal Aviation Administration
FAA	Federal Aviation Authority
FAA-STD-042	National Airspace System Open System Interconnection Naming and Addressing
FAATC	FAA Test Center
FAC	Facilities
FAC	Final Approach Course
FAC	Flight Augmentation Computer
FACC	Feature and Attribute Coding Catalogue
FACF	Final Approach Course Fix
FACTOR	Development of Functional Concepts from the EATMS Operational Requirements
FACTS	Future Area Control Tools Support
FADEC	Full Authority Digital Engine Control
FAF	Final Approach Fix
FAFC	Full Authority Fuel Control
FAIL	FMC Fail
Failure	the inability of a system, subsystem, unit or part to perform within previously specified limits
FAL	Facilitation of International Air Transport
FAN	False Alarm Normalizer

FANOMOS	Flight track and Aircraft NOise Monitoring System
FANS	Future Air Navigation Systems
FANS-1	Future Air Navigation Systems 1, an initial operational datalink package for the South Pacific
FANS-A	Future Air Navigation Systems A, an initial operational datalink package for AIRBUS aircraft
FANSTIC	Future ATS and New Systems Impacts on Cockpit
FAP	Final Approach Point
FAP	Future ATM Profile
FAR	False Alarm Rate
FAR	Federal Aviation Regulations
FAR	Federal Acquisition Regulation
FARAWAY	Fusion of Radar and ADS Data through two WAY datalink
FAS	Final Approach Segment
FAS	Flight level Allocation System
FASID	Facilities and Services Implementation Document
FAST	Final Approach Spacing Tool
FASTER	Future AO-ATM-Airports Synergy Towards Enhanced Operations
FAT	Factory Acceptance Test
FATAC	French Air Force Tactical Air Command
FATMI	Finnish ATM Integration
FATO	Final Approach and Take-Off Area
FATUREC	Federation of Air Transport User Representatives in the EEC
FAWP	Final Approach Waypoint
FAX	Facsimile
FAX	Facsimile Transmission
FB	FallBack
FBL	Light
FBO	Fixed Based Operator
FBS	Fall-Back System

FBW	Fly-by-Wire
FC	Course from a Fix to a Distance
FC	Feeder Controller
FC	Formalized Clearances
FC	Frequency Change
FC	Funnel Cloud
FCA	Functional Configuration Audit
FCB	Frequency Coordinating Body
FCC	Federal Committee for Communications
FCC	Flight Control Computer
FCC	Flow Coordination Cell
FCC	Flight Control Computer
FCD	Flow Control Decision
FCDS	Frequency Channel and Distribution System
FCE	Flow Control Execution
FCG	Financial Consultation Group
FCM	Flight Confirmation Message
FCNP	Fire Control and Navigation Panel
FCO	Future Concepts
FCOM	Flight Crew Operating Manual
FCOT	Future Concepts Team
FCR	Flow Control Request
FCR	Flight Crew Rest
FCS	Frame Check Sequence
FCST	Forecast
FCT	Friction Coefficient
FCTL	Flow Control
FCU	Flight Control Unit
FCU	Flap Control Unit
FD	Course from a Fix to a DME Distance
Fd	Doppler Frequency
FD	Flight Data

FD	Flight Director
FDA	Flight Data Assistant
FDAMS	Flight Data Acquisition and Management System
FDAU	Flight Data Acquisition Unit
FDB	Full Data Block
FDC	Flight Data Company
FDDI	Fiber Distributed Data Interface
FDDI	Fiberoptical Digital Data Interchange
FDE	Flight Data Exchange
FDE-ICD	Flight Data Entry - Interface Control Document
FDFM	Flight Data and Flow Management
FDFMG	Flight Data and Flow Management Group
FDG	Flight Data Group
FDG	Flight plan Data Generator
FDH	Flight Deck Handset
FDM	Flight Data Message
FDMA	Frequency Division Multiplexer Access
FDMAS	Flight Data Management Automated System
FDMD	Flight Data Management and Distribution
FDO	Flight Data Operations Division
FDOD	Flight Data Operations Division
FDP	Flight Data Processing
FDP	Flight-plan Data Processor
FDPD	Flight DATA Processing and Distribution
FDPS	Flight Data Processing System
FDR	Flight Data Recorder
FDS	Flight Data Section
FDSU	Flight Data Storage Unit
FE	tones injected by the Far End switch
FEAST	First European ATCO Selection Test Package
FEATS	Future European Air Traffic Systems
FEB	February

FEC	Forward Error Correction
FEP	Front End Processor
FES	Fixed Earth Station
FEW	Few
FF	Fuel Flow
FFA	Functional Failure Analysis
FFAS	Free Flight Airspace
FFI	Final Factory Inspection
FFM	Frankfurt/Main
FFM	Free Flight Mode
FFTF	Future Functions Task Force
FFU	Fire Fighting Unit
FG	Fog
FGS/C	Flight Guidance System/Computer
FHA	Functional Hazard Assessment
FI	Finance Team
FI/P	Flight Inspection Permanent
FI/T	Flight Inspection Temporary
FIAT	First Installed Article Test
FIB	Forward Information Base
FIC	Flight Information Center
FIC	Frequency Intercom
FIC	Flight Information Center
FIDS	Flight Information Display System
FIFO	First in, First out
FILTIM	Date and Time Stamp of original Message
FIN	Financial Services
FIO	Flight Information Office
FIR	Flight Information Region
FIRST	Flexible Independent Radar Skill Trainer
FIS	Flight Information Service
FISA	Automated Flight Information Service

FIS-B	Flight Information Service - Broadcast
FISC	Flight Information Services Communications
FISO	Flight Information Service Officer
FIT	Factory Inspection Test
FIT	Flight Integration Task
FIT	Flight Plan Input Terminal
FITAMS	Flight Trials of ATN and Mode S activity
FIW	Flight Input Workstation
FIX	Fixpoint, Position in space usually on aircraft's flight plan
FL	Flight Level
FLAS	Flight Level Allocation Scheme
FLAS	Flight Level Allocation System
FLCH	Flight Level Change
FLD	Field
FLG	Flashing
FLIDRAS	Flight Data Replay and Analysis System
FLIP	Flight Information Publication
FLIPCY	Flight Plan Consistency
FLMTR	Flowmeter
FLO	ATS/ATFM Coordination meeting
FLO	Flow meetings
FLOE	Informal ATS / ATFM Coordination Meeting - Europe East
FLOEast	Informal Flow control Meeting - Europe East
FLOS	Flight Level Orientation Scheme
FLOW	Informal ATS / ATFM Coordination Meeting - Europe West
FLOWest	Informal Flow control Meeting - Europe West
FLOWTAM	NOTAM on ATFM Measures
FLR	Flares
FLS	Flight Suspension Message
FLT	Flight

FLT/PLN	Flight Plan
FLTAB	Flight Level Table
FLTCK	Flight Check
FLTP	Flexible Luxembourg Training Platform
FLUC	Fluctuating or Fluctuation or Fluctuated
FLW	Follow or Following
FLY	Fly or Flying
FM	Course from a Fix to a Manual Termination
FM	Flow Manager
FM	Flight Management
FM	Frequency Management
FM	From
FM	Course From a Fix to Manual Termination
FMA	Flight Mode Annunciator: display on or near the PFDs of the current modes of autoflight system
FMAQ	Flight Management Attitudes Questionnaire
FMC	Flight Management Computer
FMCG	Flow Management Coordination Group
FMCS	Flight Management Computer System
FMD	Flow Management Division
FMEA	Failure Modes and Effects Analysis
FMECA	Failure Modes, Effects and Criticality Analysis
FMG	Flow Management Group
FMGC	Flight Management and Guidance Computer
FMGS	Flight Management and Guidance System
FMP	Flow Management Planning / Position
FMPG	Flow Management Planning Group
FMS	Flight Management System
FMU	Flight Management Unit
FMU	Flow Management Unit
FMU	Fuel Metering Unit
FMV	Fuel Metering Valve

FN	False Negative
FNA	Final Approach
FNM	Flight Notification Message
FNPT	Flight and Navigation Procedure Trainer
FO	First officer
FOC	Full Operational Capability
FOC	Fuel/Oil Cooler
FOCA	Federal Office for Civil Aviation
FOCA	Floor of Controlled Airspace
FOM	Figure of Merit
FOQA	Flight Operations Quality Assurance
FOR-DEC	Facts, Options, Risks and Benefits, Decision, Execution and Check
FOU	Frequency of Use
Four-state BFWG	Four-State Budgetary and Financial working Group
FP	False Positive
FP	Flight Plan
FP	Framework Program
FP 5	Fifth Framework Program of the European Community for Research, Technological Development and Demonstration
FPA	False Plot Analysis
FPA	Flight Path Angle
FPA	Focal Plane Array
FPAP	Flight Path Alignment Point
FPB	Flight Progress Board
FPCP	Flight Path Control Point
FPD	Flight Plan Data
FPDETF, FPR-DETF	Flight Plan related Data Exchange Task Force
FPF	Flight Plan Fallback
FPFS	First Planned First Served

FPL	Filed Flight Plan
FPL	Full-Performance Level
FPLA	Field Programmable Logic Array
FPLA	Flight Plan Application Section
FPLMTS	Future Public Land Mobile Telecommunications System
FPM	Flight Path Monitor
FPM	Flight Progress Message
FPM	Feet Per Minute
FPP	Flight Plan Processing
FPPS	Flight Plan Processing System
FPPS	Federal Personnel and Payroll System
FPPU	Flight Planning and Flight Progress Updating
FPR	Flight Plan Route
FPS	Flight Plan Server
FPS	Flight Progress Strip
FPS	Functional Performance Specification
FPT	Flight Plan Terminal
FPWO	Flight Plan Work Station Operator
FPZ	Flight Path Zone
FQIS	Fuel Quantity Indication System
FQPU	Fuel Quantity Processor Unit
FQR	Formal Qualification Review
FR	From
FR	Fuel Remaining
FRA	Failure Reporting and Analysis
FRA	Free Route Airspace
FRA	Flap Retraction Altitude
FRA	Federal Railroad Administration
FRB	Failure Review Board
FREER	Free Route Experimental Encounter Resolution
Freq	Next Sector frequency

FREQ	Frequency
FRF	Further Route of Flight
FRH	Fly Runway Heading
FRI	Friday
FRM	Financial Resources Management Core Team
FRNG	Firing
FRONT	Front (Meteorology)
FROST	Frost
FRQ	Frequent
FRRFC	Final Rule; Request for Comment
FRS	Functional Requirements Specifications
FRUIT	False Replies from Unsynchronized Interrogatr Transmissions; Friendly Replies Unsynchronized in Time
FRZN	Frozen
FS	Foot Switch
FS	Functional Statement
FSA	First System Activation
FSD TF	Functional Specification Development Task Force
FSEU	Flap/Slat Electronics Unit
FSF	Flight Safety Foundation
FSK	Frequency Shift Keying
FSL	Full Stop Landing
FSM	Flight Schedule Monitor
FSM	Frequency Shift Modulation
FSP	Flight Strip Printer
FSPEC	Field SPECification: field of variable length,
FSS	Automated/Flight Service Station
FSS	Flight Service Station
FST	First
FT	Feet
Ft	Foot

FTC	Fast Time Constant
FTE	Flight Technical Error
FTE	Full Time Employee
FTE	Full Time Equivalent
FTE	Flight Technical Error
FTFM	Filed Tactical Flight Model
FTmn	False Track Length Mean
FTP	File Transfer Protocol
FTP	Fictitious Threshold Point
FTprob	False Track Probability
FTS	Fast-Time Simulation System
FTsd	False Track Length Standard Deviation
FTT	Flight Technical Tolerance
FU	Smoke
FUA	Flexible Use of Airspace
FUAG	Flexible Use of Airspace Group
FUCOZOC	Fuel Consumption Estimator in a ZOC
FUSG	Flexible Use of Airspace Sub-Group
FUT, FCO	Future Concepts
FVS	Flight Verification System
FWC	Flight Warning Computer
FX	Field Extension Indicator
FY	Fiscal Year
FYP	Five Year Program
FZ	Freezing
FZDZ	Freezing Drizzle
FZFG	Freezing Fog
FZRA	Freezing Rain

G

GOLF

1971

Islamic Republic of Iran Air Force
Gruman F-14A Tomcat
Project Skyhawk, Iran

G	Green
G	Gusts
G	Variations From the Mean Wind Speed
G	Gram
G/A	Ground-to-Air
G/G	Ground-to-Ground
G/S	Glide Slop
G/T	Gain over noise Temperature Ratio
GA	Garuda
GA	General Aviation
GA	Go Ahead, Resume Sending
GA or G/A	Go Around
GAAP	Generally Accepted Accounting Principles
GAAS	Generic Approach for ATM Systems
Ga-As	Gallium-Arsenide
GAC	General Aviation Center
GACS	Generic ATN Communication Service
GAF	German Air Force
GAFO	German Air Force Office
GAFOR	General Aviation Forecast
GAGAN	GPS and Geostationary Earth Orbit Augmented Navigation
GAIN	Airspeed or Headwind Gain
GAIT	Ground-Based Augmentation and Integrity Technique
GAME	GEADGE/ADKAR Message Exchange
GAMET	Area forecast for low-level operations
GAMET	Area Forecast for Low-Level Flights
GAR	Go-Around
GARP	GBAS Azimuth Reference Point Ground-Based Augmentation System
GARTEUR	Group for Aeronautical Research and Technology in Europe

GASC	Global Aviation Satellite Communications System
GASR	Group of AGA Safety Regulators
GAT	General Air Traffic or Terminal
GATE	Group of ATM in the Eastern Part of the ICAO EUR Region, including Middle Asia
GBA	Geostationary Broadcast Area
GBAS	Ground Based Regional Augmentation System
GBAS	Ground-Based Augmentation System
GBCC	Ground Based Control Complex
GC	Graphics Controller
GC	Ground Control/Controller
GCA	German Cockpit Association
GCA	Government Quality Assurance
GCA	Ground Controlled Approach
GCA	Ground Controlled Approach System or Ground Controlled Approach
GCAS	Ground-based Collision Avoidance System
GCB	Generator Circuit Breaker
GCE	General Certificate of Education
GCL	Graphical Information Category Cursor Line
GCR	Generator Control Relay
GCS	Ground Control Segment
GCSE	Generate Certificate of Secondary Education
GCST	Group for Coordination of STAR
GCU	Generator Control Unit
GCWP	Generic Controller Working Position
GDCA	General Directorate for Civil Aviation
GDCE	Ground Data Circuit Terminating Equipment
GDLP	Ground Data Link Processor
GDM	Graphical Information Category Dynamic Maps
GDOP	Geometric Dilution of Precision
GDP	Diplomatic and Protocol Drafting Group

GDP	General Data Processor
GDP	Gross Domestic Product
GDP	Ground Delay Program
GEADGE	German Air Defense Ground Environment
GEMS	Generic Error-Modelling System
GEN	General
GENOFIC	General North Sea Flight Information Center
GEO	Geostationary Satellite Orbit
GEO	Geographic or True
GEOREF	Geographical Reference
GEOSTAR	Multipurpose Satellite System Using Fixed Orbit Satellites
GERAC	EANGP WG on Coordination of the Implement & Operation of an Improved EUR AFTN/AFS
GERAC	Group on European Regional AFTN/AFS Implementation and Operation Coordination
GES	Ground Earth Station
GFDI	GNSS Fault Detection and Isolation
GFM	Graphical Information Category Fixed Maps
GGCS	Ground/Ground Communication System
GGDC	Ground/Ground Data Communication
GGVC-SG/ GVCSG	Ground/Ground Voice Communications Sub-Group
GHMI	Ground Human-Machine Interface
GHz	Gigahertz
GIB	Global Navigation Satellite System Integrity Broadcast
GIB	GPS Integrity Broadcast
GIC	Geostationary Integrity Channel
GIC	GNSS Integrity Channel
GICB	Ground Initiated Comm B Protocol
GIDEP	Government Industry Data Exchange Program
GIPS	Giga Instructions Per Second

GIPS	General Image Processing System
GIPS	Global Initial Positioning System
GIS	Geographical Information System
GLD	Glider
GLONASS	Global Orbiting Navigation Satellite System
GLOSS	Global Sea Level Observing System
GLS	GBAS Landing System
GLSU	GPS Landing System Unit
GM	Guidance Material
GMC	Ground Movement control
GMC	Ground Movement Chart
GMD	General Meeting of Directors
GMS	Global Positioning System Monitoring System
GMS	Ground Monitoring System
GMS	Ground Movement Surveillance
GMT	Greenwich Mean Time. See UTC
GMU	GPS Monitoring Unit
GNC	Global NAVCOM
GND	Ground Control service / facility
GND	Ground Level
GND	Ground
GNDCK	Ground Check
GNE	Gross Navigational Error
GNLS	GNSS Navigation and Landing System
GNLU	GNSS Navigation and Landing Unit
GNP	Gross National Product
GNSS	Global Navigation Satellite System
GNSSP	Global Navigation Satellite System Panel
GOMS	Goals, Operators, Methods, Selection
GOTV	GNSS Operational Test and Validation
GOVT	Government
GP	Glide Path

GPA	Glide Path Angle
GPIP	Glide Path Intercept Point
GPIWG	Glide Path Intercept Waypoint
GPS	Global Positioning System / Geographical Paging System, a technique for deriving location from space-based assets
GPS	Geographical Positioning System
GPS	Global Positioning System
GPSSU	GPS Sensor Unit
GPTP	Guided Part-Task Practice
GPU	Ground power unit
GPV	GNSS Performance Validation
GPWS	Ground Proximity Warning System
GR	Hail
GRACE	Geographical Association and Classification of Events
GRADE	Ground Return Area Digital Eliminator
GRADU	Gradual or Gradually
GRAF	Ground Replay and Analysis Facility
GRANAS	Global Radio Navigation System
GRAS	Ground-Based Regional Augmentation System
GRASS	Grass Landing Area
GRIB	Processed meteorological data in the form of grid point values
GRIB	Processed Meteorological Data in the Form of Grid Point Values Expressed in Binary Form
GRIB	Binary Form
GRIGRI	Gestures, Recognition on Interactive Graphical radar Images
GROBI	Graphical Object Interface
GROUP SIMUL	Group Simulation
GRP	Geographical Reference Points
GRVL	Gravel
GS	Small hail or snow pellets

GS	Glideslope
GS	Graphical Station
GS	Ground Speed
GS	Ground Stop
GS	Small Hail and/or Snow Pellets
GS	Glide Slope
GSA	Guided Skill Acquisition
GSB	Ground Service Bus
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GSIMUL	Guided Simulation
GSM	Global System for Mobile Communications
GSM	Graphical Information Category Scale Marking
GSNA	Ground-Supported Navigation Advisory
GSO	Geosynchronous Orbit
GSO	Group of Senior Officials
GSPR	Gasper
GT	Ground Transmitter
GT2	Ghost Track rate
GTB	General Tool Box
GTC	Gain Time Control
GtG Program	Gate-to-Gate Program
GTID	Group training - Instructor-dependent
GTIS	Ground-based Traffic Information System
GTMD	Group Training - Material-dependent
GTO	Geosynchronous Transfer Orbit
GTP	Groupe de travail “Pensions” / Pensions Working Group
GTr	Ghost Track Rate
GTRC	General Technical Requirements and Conditions
GTS	Global Telecommunications System

GTVS	Ground based Transponder performance Verification System
GUI	Graphical User Interface
GUIDE	General User Interface Device
GUND	Geoid Undulation
GW	Gross Weight
GWL	Graphical Information Category Weather Lines

H

HOTEL

1980

Islamic Republic of Iran Navy
Sikorsky RH-53D Sea Stallion
Mahshahr, Iran

H	High Pressure Area or the Center of High Pressure
H	Hot
H, h	Hour
H/M/L	High/Medium/Low
H24	Continuous Day and Night Service
HA	Holding to an Altitude
HA	Holding/Racetrack to An Altitude
HAA	Height Above Airport
HAC	Hughes Aircraft Co.
HAD	Human Aspects Development
HADAMARD	Multi-radar processing written in ADA
HAI	Helicopter Association International
HALO	High Altitude, Low Opening
HALS / DTOP	High Approach Landing System / Displaced Threshold Operations
HAMMER	High-level All-purpose Monitoring and Management Equipment for RADNET
HAPI	Helicopter Approach Path Indicator
HAT	Height Above Touchdown
HATR	Hazardous Air Traffic Report
HAW	Horizontal Aid Window
HBARO	Barometric Altitude
HBN	Hazard Beacon
HBS	Hotline Back-up System
HCA	Human-Centered Automation
HCAA	Hellenic Civil Aviation Authority
HCD	Hard Copy Device
HCI	Human Computer Interface
HCP	Hard Copy Printer
HD	Harmonization Documents
HDB	Historical Data Base
HDBK	Handbook

HDD	Head Down Display
HDF	High frequency direction-finding station
HDF	High Frequency Direction-Finding Station
HDG	Heading
HDG SEL	Heading Select
HDLC	High Level Data Link Communication
HDLC	High Level Data Link Control
HDOP	Horizontal Dilution of Precision
HDOT	Hawaii Department of Transportation
HE	Altitude Error
HED	Heading
HEIDI	Harmonization of European Incident Definitions Initiative for ATM
HEL	Helicopter
HEL	High Energy Laser
HEL	Helicopter
HELI	Heliport
HELLANET	Hellenic aeronautical Network
HEO	Highly inclined Elliptical Orbit
HERA	Human Error in ATM
HERAS	Hellenic Radar System
HERMES	Harmonized Enroute Metering and Spacing
hex	hexadecimal
HF	High Frequency
HF	Holding to a Fix
HF	Human Factors
HF	High Frequency
HF	Holding/Racetrack to A Fix
HF	High Frequency [3 000 to 30 000 Khz]
HFDL	High Frequency Data Link
HFIAI	Human Factors in Incident and Accident Investigation

HFS	Human Factors Studies
HFSG	Human Factors Study Group
HFTE	Human Factors Testing and Evaluating
HFX	Holding Fix
Hg	Mercury
HGT	Height or Height Above
HHmm	Hours and minutes
HHMMSS	hour-hour / minute-minute / second-second
HI FI SIM	High-Fidelity Simulator
HIDE	Harmonized, Integrated Development Environment
HIFA	Human Integration in Future ATM Systems
HIPERLAN	High Performance Local Area Network
HIPS	Highly Interactive Problem Solver
HIRL	High Intensity Runway Lights
HIRO	High Intensity Runway Operations
HIRS	High-Resolution Infrared Sounder
HIRTA	High Intensity Radio Transmission Area
HIT	Hardware Integration Test
HIT	Hughes Improved Terminal
HIWAS	Hazardous Inflight Weather Advisory Service
HJ	Sunrise to Sunset
Hl	High
HLCS	High Lift Control System
HLCU	High Lift Control Unit
HLD	Hold List
HLD	Hold (See: Hdg Hold)
HLDC	High Level Data Link Control
HLDG	Holding
HLLC	High Level Link Layer Control
HLT	Heavy Load Threshold
HM	Holding to a Manual Termination
HM	Holding/Racetrack to A Manual Termination

HMATTF	Handling of Military Air Traffic Task Force
HMD	Horizontal Miss Distance
HMI	Human Machine Interface or interaction
HMR	Helicopter Main Routes
HMT	Hand Microphone Telephones
HMU	Height Monitoring Unit
HMU	Hydromechanical Unit
HN	Sunset to Sunrise
HND	Hand over keyboard button
HND	Hand
HNS	Host Nation Support
HNSE	Horizontal Navigation System Error
HO	Service Available to Meet Operational Requirements
HOA	Hand-off Acceptance
H-OFF-A	Hand-Off Accept
H-OFF-P	Hand-Off Propose
HOL	High Order Language
HOL	Holiday
HOLD	Hold
HOOD	Hierarchical Object-Oriented Design
HOP	Hand-off Proposal
HOP	Harmonization of Operational Procedures
Hor	Horizontal
HOSP	Hospital Flight/Aircraft
HOSP	Hospital Aircraft
Host Computer	Facility located at the ARTCC which operates user application software, as well as certain peer network layer protocols required to communicate with adjacent ATN routers
Host Processor	End system" as defined by ISO that includes the OSI upper layer protocols and application processes
HP	High Precision

HP	Holding Pattern
Hp	Horsepower
Hp / hPa	Hectopascal
HPA	High Power Amplifier
HPC	Hughes Programming Center
HPC	High Pressure Compressor (N2 Rotor)
HPD	Horizontal Polar Diagram
HPRES	Pressure Altitude
HPRT	HMI Preview Response Time
HPSOV	High Pressure Shutoff Valve
HPT	High Pressure Turbine
HPZ	Helicopter Protection Zone
HQ	Headquarters
HR	Hour
HR	Human Resources
HRA	Human Reliability Assessment / Analysis
HRD	Human Resources Directorate
HRFG	Human Resources Framework Group
HRI	Human resources International
HRIS	Human Resources Information System
HRM	Human Resources Management
HRP	Human Resources Planning and Corporate Services
HRPTSG	Human Resource Planning and Training Study Group
HRS	ATM Human Resources Management Program (EATM)
Hrs	Hours
HRSC	Human Resources Steering Committee
HRT	Human Resources Team
HRV	Heart-Rate Variability
HS	Service Available During Hours of Scheduled Operation
HS	Headset

HSCT	High-speed Civil Transport
HS-DTS	High Speed Data Transmission System
HSI	Horizontal Situation Indicator
HSM	High Speed Modem
HST	Hypersonic Transport
HTA	Hermes Training Aircraft
HTA	Hierarchical Task Analysis
HTD	History Trial Dots
HTI	Human Technology Integration
HTZ	Helicopter Traffic Zone
HUD	Head-Up Display
HUM	Humanitarian
HUM	Human Resources (Domain/Unit)
HUM RES	Human Resources
HUMR	Human Resources
HURCN	Hurricane
HVDF	High and Very High Frequency Direction-Finding Stations
HVDF	High and very high frequency direction finding stations at the same location
HVY	Heavy
HW, h/w	Hardware
HWCI	Hardware Configuration Item
HWG	Harmonization Working Group
HWP	Holding Waypoint
HX	No Specific Working Hours
HYD	Hydraulic
HYDIM	Hydraulic Interface Module
HYQUIM	Hydraulic Quantity Interface Module
HYR	Higher
HZ	Haze
HZ	Hertz

INDIA

1970s

Iran Atomic Energy Organization
Bell 206 JetRanger
Unknowen Location

I and Q Channels	in-phase and Quadrature channels
I(Fd)	MTI Improvement Factor
I/A	Incident Analysis
I/O	Input / Output
I/R	Interrogator/Responsor
I²SLS	Improved Interrogation Side Lobe Suppression
IA	Indirect Access
IA	inspection Authorization
IA	International Alphabet
IA/CC	Indirect Access/Common Control
IA-5	International Alphabet Number 5
IAAE	International Association of Airport Executives
IAC	instrument Approach Chart
IAC	integrated Avionics Compute
IACA	International Air Carrier Association
IACH	Individual ATC Flight Plan Changes
IACS	INTERGRAPH Aeronautical Charting System
IACSP	International Aeronautical Communications Service Providers
IAEA	International Atomic Energy Agency
IAF	Initial Approach Fix
IAFP	Individual ATC Flight Plan Proposal
IAG	Interim Airport Group
IAG	International Association of Geodesy
IAIP	Integrated Aeronautical Information Package
IAL	Instrument Approach and Landing
IAL	International Air-radio Limited
IAM	Institute of Aviation Medicine
IANS	Institute of Air Navigation Services
IANSSC	IANS Steering Committee
IAO	in and Out of Clouds

IAOA	Indicated Angle-of-Attack
IAOPA	international Council of Aircraft Owner and Pilot Associations
IAP	Instrument Approach Procedure
IAPL	IFPS APL Message
IAR	Intersection of Air Routes
IAR	Instrument Autonomous Rules
IAR, IARTF	Institutional Arrangements and Requirements Task Force
IARR	Individual Arrival Message
IAS	Indicated Airspeed
IATA	International Air Transport Association
IATTF	IFPS Acceptance Test Task Force
IAW	in accordance with
IAWP	Initial Approach Waypoint
IB	Information (display) Button
IBAA	International Business Aviation Association
IBAC	International Business Aviation Council
IBAP	Industry Based Prototype
IBILS	Integrity Beacon Landing System
IBIT	Initiated Built in Test
IBN	Identification Beacon
IBP	Industry-Based Pre-operational Platform and Validation
IBRD	International Bank for Reconstruction and Development
IBVSU	Instrument Bus Voltage Sense Unit
IC	Ice Crystals
IC	(Very small) Ice Crystals (also known as Diamond dust)
IC	Integrated Circuit
IC	Intercom
ICA	Instructions for Continued Airworthiness

ICAA	International Civil Airport Association
ICAAS	Integrated Control in Avionics for Air Superiority
ICAO	International Civil Aviation Organization
ICARD	ICAO Codes and Route Designator System
ICB	International Competitive Bidding
ICBM	Intercontinental Ballistic Missile
ICCS	Integrated Communication Control System
ICCT	Internal Communications Core Team
ICCU	Intercomputer Communications Unit
ICD	Interface Control Document
ICE	Icing
ICET	IATA Capacity Enhancement Team
ICHG	IFPS Change Message
ICIP	Initial CIP (APT)
ICM	Interline Communications Manual
ICNI	Integrated Communications, Navigation and Identification
ICNL	IFPS Cancellation Message
ICNL	Individual Cancel
ICO	Intermediate Circular Orbit
ICP	Interactive Control Panel
ICP	Internal Clarification Project
ICR	Integrated Cancellation Ratio
ICR	Interactive Conflict Resolution
ICWG	Interface Control Working Group
ICWS	Integrated Control Work Station
ID	Identifier or Identify
ID	Identification
ID	Information Display
IDA	Indirect Access
IDA	Initial Distribution Area
IDB	Integrated Database

I-DCTS	Interim Digital Communications Terminal System
IDENT	Identification
IDENT	Identification Identify, Identifier
IDG	Integrated Drive Generator
IDHS	Intelligence Data Handling System
IDMS	Integrated Database Management System
IDP	Initial Domain Part
IDRP	Inter Domain Routing Protocol
IDS	Integrated Display System
IDS	Information Display System
IEC	International Electrotechnical Commission/Committee
IEEE	Institute of Electrical and Electronic Engineers
IEP	information Exchange Program
IEPR	Integrated Engine Pressure Ratio
IES	Interface Editor System
IETF	Internal EATMS Task Force
IF	Intermediate Approach Fix
IF	Initial Fix (ARINC 424 Path Terminator)
IF	Intermediate (approach) Fix
IF	Intermediate Frequency
IFA	Image Frequency Attenuation
IFALPA	International Federation of Airline Pilots Association
IFATCA	International Federation of Air Traffic Controllers Associations
IFATSEA	international Federation of Air Traffic Safety Electronic Associations
IFD	Initial Functional Description
IFDS	Interactive Flight Data System
IFE	in-Flight Entertainment
IFF	Identification Friend/Foe
IFF	Identification Friend or Foe
IFFITAF	IFPS-DBE Functional Interface System Task-force

IFFN	Identification Friend, Foe or Neutral
IFG-NME WG	Implementation Facilitation Group of the National Management Experts Working Group
IFIM	International Flight Information Manual
IFL	Intermediate Flight Level
IFLIPS	Integrated Flight Prediction System
IFOG	Interferometric Fiber Optic Gyro
IFOR	Implementation Forces
IFP	Keyword from IFPS used in FIELD 18 to provide a warning
IFPD	Individual Flight Plan Data
IFPL	IFPS Filed Flight Plan
IFPL	Individual Flight Plan Message
IFPO	IFPS Workstation Operator
IFPPS	Integrated Flight Plan Processing System
IFPRU	IFPS Responsible Unit
IFPS	Integrated Initial Flight Plan Processing System
IFPU	IFPS Unit
IFPZ	IFPS Zone
IFR	Instrument Flight Rules
IFRB	International Frequency Registration Board
IFTO	International Federation of Tour Operators
IGA	International General Aviation
IGCN	Independent Ground Communications Network
IGFET	Insulated Gate Field Effect Transistor
IGP	Ionospheric Grid Point
IGS	International GPS Reference Network
IGW	Increased Gross Weight
II	Interrogator Identity
IIAF	Imperial Iranian Air Force
IIMSES	Initial Implementation of Mode S Enhanced Surveillance
IIP	Integrated Implementation Plan

IIS	Internal Information System
IISLS	Improved Interrogation Side Lobe Suppression
IKBS	Intelligent Knowledge Based System
IKD States	in Kind Delivery States
ILES	Inboard Leading Edge Station
ILO	International Labor Organization
ILS	Instrument Landing System
ILS	Integrated Logistic Support
ILSP	Integrated Logistic Support Program
IM	Inner Marker
IM	Information Management
IMA	Integrated Modular Avionics
IMAL	Integrity Monitoring Alarm Limit
IMAWP	Initial Missed Approach Waypoint
IMC	Instrument Meteorological Conditions
IMF	International Monetary Fund
IMG	Immigration
IMI	Interrogation Sign
IMM	Interacting Multiple Models
IMO	International Maritime Organization
IMP	Implementation Services
IMPACT	Informal Management Panel for ATC Training
IMPACT	Information Market Policy Actions
IMPACT	Innovative Methodology for the Projection of ATM Concepts onto the Training of ATCOs
Impl	Implementation
IMPR	Improve or Improving
IMT	Immediate or Immediately
IMTEG	ILS/MLS Transition EUR Group
IMUX	Input Multiplexer
IN	Inch, Inches
in.hg	inches of mercury

INA	Initial Approach
INBD	Inbound
INC	in Cloud
InCAS	Interactive Collision Avoidance Simulator
INCERFA	Uncertainty Phase
Ind	Industry
IND SIMUL	Individual Simulation
INDEFLY	Indefinitely
INFO	Information
INFR-C	Infrastructure Creation
INI	Initial Approach Controller
INIT	Initialization
INM	Integrated Noise Model
INMARSAT	International Mobile Satellite Organization
INO	International NOTAM Operation
INOP	Inoperative
INP	If Not Possible
INP	Immediate or Immediately
INP	If Not Possible
INPR	in Progress
INR	Image Navigation and Registration
INS	Inertial Navigation System
Ins	Inches
INST	Installation
INSTAR	Institutional Arrangements for European Air Traffic Management
INSTILUX	Eurocontrol Institute of Air Navigation Services
INSTL	Install or Installed or Installation
INSTR	Instrument
Int	International
INT	Intersection
INTC	Interconnect

INTC	Intercept
INTELSAT	International Telecommunications Satellite Organization
Interactive	interactive training
INTERCAUTRA	Internal CAUTRA protocol
INTL	International
INTNET	Integration Network (for flight data exchange)
INTRG	Interrogator
INTRP	Interrupt or Interruption or Interrupted
Intruder	Aircraft against which TCAS issues an advisory
INTSF	Intensify or Intensifying
INTST	Intensity
INU	Inertial Navigation Unit
INV	Innovative Studies and Technological Assessment
INWP	Intermediate Waypoint
IO, I/O	Interoperability - Input / Output
IOATF	IFPS Operational Advisory Task Force
IOBD	Initial Off-Block Date
IOBT	Initial Off-Block Time
IOC	Initial Operational Capability
IOCD	Initial Operational Concept Document
IOCP	Internal Operational Clarification Project
IOD	Issue of Data
IOEU	Inboard Overhead Electronics Unit
ION	Institute of Navigation
IOP	Input / Output Processor
IOR	Indian Ocean Region
IOR	INMARSAT Indian Ocean Region
IOSS	Input Output Sub System
IP	Instructor Pilot
IP	Information Button
IP	Information Paper

IP	Internetwork Protocol
IPAG	intellectual Property Advisory Group
IPAS	Integrated Preparation and Analysis System
IPB	Inner Performance Boundary
IPC	Illustrated Parts Catalog
IPC	Intermittent Positive Control
IPCC	Intergovernmental Panel for Climate Change
IPG	Integration Project Group
IPL	Illustrated Parts List
IPL	Initial Program Loading
IPL	Intermediate Flight Plan
IPPC	Internet Pilot Planning Center
IPR	Intellectual Property Rights
IPRT	Internal Processing Response Time
IPSE	Integrated Programming Support Environment
IPSky	Internet Technology in the Sky
IPS's	Intellectual Proprietary Rights
IPT	Internal Processing Time
IPT	Integrated Product Team
IPv6	Internet protocol version 6
IQ	Intelligence Quotient
IR	Ice on Runway
IR	Instrument Rating
IR	Infrared
IR	Integrated Receiver
IRAS	Interactive Radar Analysis System
IREN	Incident Reporting European Network
IRF	Incident Report Form
IRF	Interrogation Repetition Frequency
IRIAF	Islamic Republic of Iran Air Force
IRMA	Intermediate Redesigned MCC Architecture
IROI	Instantaneous Return on Investment

IRPL	Internal Repetitive Flight Plan
IRR	Internal Rate of Return
IRS	Inertial Reference System
IRS	Interface Requirements Specification
IRS	Intermediate Route Sequence
IRT	Interrogation Repetition Time
IRU	Inertial Reference Unit – part or IRS
IRVR	Instrument Runway Visual Range
IS	Interface Specification
IS	Intermediate System
ISA	International Standard Atmosphere
ISA	Inertial Sensor Assembly
ISA	Innovative Slot Allocation
ISA	Instantaneous Self-Assessment
ISA	Iranian Space Agency
ISB	Independent Sideband
ISDN	Integrated Services (switched) Digital Network
ISDU	Inertial System Display Unit
IS-ES	Intermediate System - End System
ISFL	intermediate Supplementary Flight Level
ISLS	Interrogation Side Lobe Suppression
ISO	International Standards Organization
ISO 10737	Transport Layer Management (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 7498-3	Basic Reference Model Part 3: Naming and Addressing (Standards for Open Systems Interconnection and Data Communication Published by (ISO)
ISO 8072	Transport Service Definition (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8073	Connection-Oriented Transport Protocol Specification (Standards For Open Systems Interconnection and Data Communication Published by ISO)

ISO 8073 AD 1	Connection-Oriented Transport Protocol Addendum 2: Class Four Operation Over Connectionless Network Service (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8208	International Organization for Standardization X.25 Packet Level Protocol for Data Terminal Equipment Document.
ISO 8326	Basic Connection-Oriented Session Protocol Specification (Standards For Open System Interconnection and Data Communication Published by ISO)
ISO 8327	Basic Connection-Oriented Session Protocol Specification (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8348	Network Service Definition (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8348 AD 1	Network Service Definition, Addendum 1: Connectionless Mode Transmission (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8473	Protocol For Providing the Connectionless- Mode Network Service (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8649	Service Definition For the Association Control Service Element (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8650	Protocol Specification For the Association Control Service Element (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8822	Connection-Oriented Service Definition (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 8823	Connection-Oriented Presentation Protocol (Standards For Open Systems Interconnection and Data Communication Published by ISO)

ISO 8878	International Organization For Standard Use of X25 to Provide OSI (Open Systems Interconnection) Connection Mode Network Services (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 9000	International Standards For Quality Management, 1990
ISO 9072-1	Remote Operations - Part 1 : Model. Notation and Service Definition (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 9072-2	Remote Operations - Part 2 : Protocol Specification Version (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 9545	Protocol For Providing the Connectionless-Mode Network Service (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 9595	Common Management Information Service Definition (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISO 9596	Management Information Protocol - Part 1: Specification (Standards For Open Systems Interconnection and Data Communication Published by ISO)
ISOL	Isolated
ISPACG	Informal South Pacific ATS Coordination Group
ISQMS	Integrated Safety and Quality Management System
ISR	Independent Standby Radio
ISS	Implementation Support Services
ISS	Implementation Support to States
ISS	Indirect sub-System
ISSS	Initial Sector Suite System
IST	Indirect Support Task
IT	Information Technology
ITA	Integrated Task Analysis
ITA	International Telegraph Alphabet
ITA-2	International Telegraph Alphabet Number 2

ITAEG	Information Technology Advisory Expert Group
ITAM	Integrated Task Analysis Methodology
ITF	International Transport Workers Federation
ITI	Italian Interface
ITID	Individual Training- Instructor-dependent
ITIRS	International Terrestrial Reference System
ITM	Intermediate Approach controller
ITMD	Individual Training - Material-dependent
ITR	International Transit Route
ITSTC	Information Technology Steering Committee
ITT	Invitation Property Rights
ITU	International Telecommunications Union
ITU WARC-95	International Telecommunication Union World Radio Conference
ITU-T	International Telecommunications Union – Telephone
IUCM	IFPS Unit Configuration Manager
IVR	Immersive Virtual Reality
IVSI	Instantaneous Vertical Speed Indicator
IVSN	Initial Voice Switched Network
IWGE	International Working Group on (air) Exercises
IWP	Intermediate Waypoint

J

JULLIET

1975

Imperial Iranian Navy
Fokker F-27 Friendship
Amsterdam, Netherlands

J	Joule
JAA	Joint Aviation Authority
JAA AMC	JAA Acceptable Means of Compliance
JAA OPS	Joint Aviation Authorities Operations Committee
JAAB/JAA-B	Joint Boards
JAAC/JAA CE	JAA Committee
JAARC	JAA Research Committee
JAC	Joint Airmiss Committee
JACC	Joint Area Control Center
JAMC	Joint Airspace Management Cell
JAN	January
JAR	Joint Aviation Requirements
JAR	Joint Airworthiness Regulations
JAR-OPS	Joint Airworthiness Regulations Operations
JATO	Jet Assisted Takeoff
JD TF	Job Description Task Force
JIT	Joint Implementation Team
JMCT	Job Management Consultative Team
JOINT	Joint Operational Incidents Training
JOT	Joint Operational Team
JPDA	Joint Probabilistic Data Association
JPEG	Joint Photographic Expert Group
JPR	Jumper
JSP	Joint Services Publication
JSRA	Joint Sponsored Research Agreement
JST	Joy Stick
JTIDS	Joint Tactical Information Distribution System
JTST	Jet Stream
JUL	July
JUN	June

K

KILO

1978

Imperial Iranian Navy
Sikorsky SH-3D Sea King
Stratford, Connecticut, United States

KAR	Karlsruhe
KARLDAP	Karlsruhe Automatic Data Processing and Display System
KB	Kilo Byte
KBPS	Kilobits Per Second
KBS	Knowledge-Based System
KCAS	Calibrated Airspeed expressed in Knots
KDS	Keyboard Display System
KECU	Thousands of European Currency Units
KG	Kilograms
KG	Kilogram
KHZ	Kilohertz
KIAS	Knots Indicated Air Speed
KIDS	Karlsruhe Interim DCTS
KIS	Keyboard Input Station
kJ	Kilojoule (Jx1000)
KLOC	thousand lines of code
KM	Kilometers
Km/h, KMH	kilometers per hour
KOX	Karlsruhe Operational Exchange
KPA	Kilopascal
KPA	Key Performance Area
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).
KSA	Knowledge, Skills, Abilities
KSAO	Knowledge, Skills, Abilities, and Other personal Requirements
KT/KTS	Knots
KTD	Keyboard Tabulator Display

KUAC	Karlsruhe Upper Airspace Control Center
KVA	Kilovolt Ampere
kW	Kilowatt (Wx1000)
KW, kW	Kilowatt
KYB	Keyboard

LIMA

1973

Imperial Iranian Navy
Aero Shrike Commander 500
Miami, Florida, United States

L	Left
L	Locator
L	Low Pressure Area or the Center of Low Pressure
l	Liter
L	Locator
L	Tones injected by the local switch
L/T	Long-Term
LA	LAN Adapter
LA	Local Action
LAA	Local Airport Advisory
LAA	Local Area Argumentation
LAADR	Low Altitude Airway Departure Route
LAAS	Local Area Augmentation System
LACK	Logical Acknowledgement
LACK	the positive logical response message used for air/ground data communications, as defined within the ICAO Manual for ATS Data Link Applications
LAD	Look Ahead Display
LADGNSS	Local Area Differential GNSS
LADGPS	Local Area Differential Global Positioning System
LAF	Local Adaptation Functions
LAHSO	Land and Hold Short Operations
LAM	Logical Acknowledgement
LAM	Ljubljana ATC Data Processing System
LAM	Logical Acknowledgement Message
LAM	the positive logical response message used for ground / ground data communications, as defined within the Eurocontrol Standard for on-Line Data Interchange
LAMPS	Long Term ATCO Manpower Planning Simulation
LAN	Inland
LAN	Local Area Network
LANDA	Logistics and Administration

LANSU	Local Air Navigation Service Unit (DFS)
LAP-B	Link Access Procedure (Protocol type B)
LAR/LRR	Long Range Radar
LARS	Lower Airspace Radar Service
LAS	Last Assigned Landing Slot
LAS	Lower Airspace Sector
LASER	Light Amplification by Stimulated Emission of Radiation
LASKA	Learning and Skills Acquisition
LAT	Latitude
LATC	Local Air Traffic Control
LATCC	London Air Traffic Control Center
LATCO	Licensing of Air Traffic Control Officers
LAU	Local Approach Unit
LAWRS	Limited Aviation Weather Reporting Station
LB	Pounds
LB	Local Battery
LC	Local Control
LCA	Local or Locally or Location or Located
LCC	Lifetime Cycle Costing
LCD	Liquid Cristal Display
LCG	Load Classification Group
LCIPD	Local Convergence and Implementation Program Document
LCM	Late Change Message
LCN	Load Classification Number
LCN	Local Communications Network
LCTD	Located
LDA	Landing Distance Available
LDA	Localizer Type Directional Aid
LDAH	Landing Distance Available, Helicopter
LDB	Limited Data Block

LDG	Landing
LDGNSS	Local Differential Global Navigation Satellite System
LDGPS	Local DGPS
LDI	Landing Direction Indicator
LDR	Labor Distribution Report
LDT	Logistic Delay Time
Lect	Lecture
LED	Light Emitting Diode
LEFCO	Project for the procurement of new ATM facilities in Nicosia ACC
LEFD	Local Essential Flight Details
LEN	Length
LEO	Low Earth Orbit
LF	Low Frequency
LF	Late Filer
LF	Later Filter
LF	Low Frequency
LFA	Local Flying Area
LFHB	Low Flying Handbook
LFL	Last Flight Level
LFP	Low Pass Filter
LFPP	Limited Flight Plan Processing
LFR	Low-frequency Radio Range
LFS	Low-Fidelity-Simulation
LFU	Late Filer and Updater
LGHTNG	Lightning
LGT	Light or Lighting
LGTD	Lighted
LH	Left Hand
LHCP	Left Hand Circular Polarization
LIDAR	Light Detection and Ranging
LIDO	Lufthansa Integrated Dispatch Operation

LIH	Light Intensity High
LIL	Light Intensity Low
LIM	Light Intensity Medium
LIM	Limit
LIM/MID/RAN	Limited Middle East Regional Air Navigation Conference
LINE	Line
LIP	Light-pen
LIP	Limited Installation Program
LIRL	Low Intensity Runway Lights
LISREL	Linear Structural Relations
LIW	Label Input Window
LLC	Link Layer Control
LLC	Logical Link Control
LLC-I	Logical Link Control - Class I
LLM	L-band Land Mobile
LLT	Low Light Television
LLTR	Low Level Transit Route
LLWAS	Low Level Windshear Alert System
LLZ	Localizer
LM	Locator, Middle
LM	Loadmaster
LM	Compass Locator at ILS Middle Marker
LM	Low/Medium ATC Complexity
LMLMOM	Leadership Management and Organization
LMP	Lamp
LMT	Local Mean Time
LNA	Low Noise Amplifier
LNA/DPLX	Low Noise Amplifier/Diplexer
LNAV	Lateral Navigation
L-NAV	Lateral Navigation
LNG	Long

LO	Lock Out
LO	Local Oscillator
LO	Locator Outer
LO	Low
LoA	Line of Action
LOA	List of Abbreviations
LoA, LOA	Letter of Agreement; Letter of Offer and Acceptance
LOC	Localizer
LOC	Lines of Communications
LOC	Localizer Beam
LOC	Local or Locally or Location or Located
LODA	TSO Letter of Design Approval
LOE	Line Oriented Evaluation
LOFT	Line-Orientated Flight Training
LoL	Loss of License
LOM	Compass Locator at the Outer Marker
LON	Longitude
LONG	Longitude
LOP	Local Operating Procedure
LOPAR	Low Powered Acquisition Radar
LORAN	Long Range Navigation
LORAN-C	A hyperbolic grid navigation system
LOS	Level Safety
LOS	Line of Sight
LOS	Line-Oriented Simulation
LOSS	Airspeed or Headwind Loss
LOW	Lower airspace
LP	Lightning Protector
LPT	Low Pressure Turbine
LPV	Localizer Performance with Vertical Guidance
LR	the Last Message Received by Me Was
LR	Linear Regression

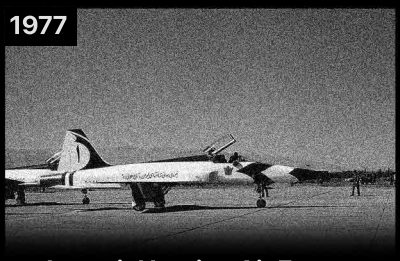
LRC	Legal ReCording
LRC	Legal Requirement Cell
LRC	Long Range Cruise
LRG	Long Range
LRL	Local Recording Logistics
LRM	Line Replaceable Module
LRM	Logical Rejection Message
LRN	Long Range Navigation
LRR	Long Range Radar
LRRA	Low Range Radio Altimeter
LRS	Local Route Sequence
LRU	Line Replaceable Unit
LRU	Lowest replaceable Unit
LRW	Long Range Warning
LS	the Last Message Sent by Me Was . . . or Last Message Was
LS	Loudspeaker
LSA	Light Sport Aircraft
LSA	Logistic Support Analysis
LSAS	Longitudinal Stability Augmentation System
LSB	Least Significant Bit
LSC	Life Support Cost
LSDA	Low Speed Digital to Analog
LSI	Large Scale Integration
LSP	Loud Speaker
LSR	Loose Snow on Runway
LSRRTI	Leningrad Scientific Research Radio Technical Institute
LSS	Lightning Sensor System
LT	Left Turn
LT	Local Time
Lt	Sequence Time Requirement

LTD	Limited
LTF	Licensing Task Force
LTIOV	Latest Time Information of Value
LTM	Local Traffic Management
LTM	Long Term Memory
LTOG	Long Term Objectives Groups
LTP	Landing Threshold Point
LTP	Legal and Technical Panel
LTSS	Long Term Systems Studies
LTT	Landline Teletypewriter
LTV	Load Threshold Values
LU	Late Updater
LV	Light and Variable
LV	Laser Vision
LV	Light and Variable
LVA	Large Vertical Aperture
LVDT	Linear Variable Differential Transducer
LVE	Leave or Leaving
LVL	Level
LVL CHG	Level Change
LVP	Low Visibility Procedures
LWG	Licensing Work Group
LYR	Layer or Layered

M

MIKE

1977



Imperial Iranian Air Force Aerobatic Team Golden Crown
Northrop F-5E Tiger

Iran

M	Meters
M	Mach Number
M	Minimum Value of Runway Visual Range
M	Mach
M	Manual Tuned NAVAID
M	Million
M	Modules
M	Symbol for Mega
M	Symbol for mili
m	Nautical mile
m.	Meter
M/ASI	Mach/Airspeed Indicator M Mux Main Multiplexer
M/ASI	Mach/Airspeed Indicator
m/sec	Meters per second
M/T	Medium-Term
M:M	Many-to-Many relationship
MA	Member Association
MA	Message Assurance
MAA	Maximum Authorized Altitude
MAA	Maximum Authorized IFR Altitude
MAC	Management Advisory Committee
MAC	Mean Aerodynamic Chord
MAC	Medium Access Control
MAC	Message for the Abrogation of Coordination
MAC	Mid-Air Collision
MAC	Military Airlift Command
MACC	Military Area Control Center
MACE	Multi-criteria analysis for Concept Evaluation
MACS	Multiple Access Communications System
MAD	Model of Activity for Design
MADAP	Maastricht Automated Data Processing and Display System

MADREC	Maastricht Data Recording
M-ADS	Modified Automatic Dependent Surveillance
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
MAG	Magnetic
MAHF	Missed Approach Holding Fix
MAHWP	Missed Approach Holding Waypoint
MAI	Multiplexer Action Item
MAINT	Maintenance
MALS	Medium Intensity Approach Light System
MALSF	Medium Intensity Approach Light System with Sequenced Flashers
MALSR	Medium Intensity Approach Light System with Runway Alignment Indicator Lights
MAN	Manual Message
MANACT	Manual Activation message
MANTEA	Management of Surface Traffic in European Airports
MAP	Aeronautical Maps and Charts
MAP	Mapping
MAP	Military Assistance Program
MAP	Missed Approach
MAPPER	Maintaining, Preparing & Producing Executive Reports
MAPT	Missed Approach Point
MAR	at Sea
MAR	March
MAR	Mode A Reconstructor
MARAS	Middle Airspace Radar Advisory Service
MARRES	Manual Radar Return Exploitation System
MARS	Maastricht Reserve System
MARS	Military Air Route Structure

MARSA	Military Authority Assumes Responsibility for Separation of Aircraft
MART	Message Acknowledge Response Time
MARTOS	MADAP Real-Time Operating System
MAS	Manual Al Simplex
MAS	Manage Airspace
MAS	Manual Assume of Control Message
MAS	Message Assurance Service
MAS	Middle Airspace
MAS	Military Agency for Standardization
MAS	Multiple Access Store
MAS (UAC)	Maastricht Upper Area Control Center
MASAW	Minimum Safe Altitude Warning
MASI	Mach Airspeed Indicator
MASOR	Military Area Services Operations Room
MASP	Minimum Aviation Specification Performance
MASPS	Minimum Aircraft System Performance Specification
MASPS	Minimum Aviation System Performance Standards
MASS	Multi-Aircraft Simplified Simulator
MAST	Multi-Aircraft Simulation Terminal
MAST 4	4 States Integration and Maastricht Development Steering Group
MAT	Maintenance Access Terminal
MAT	Mackinnon Aerospace and Training
MAT	Message Acknowledge Time
MATCC	Military ATC Center
MATE	Multi-Aircraft Training Environment
MATF	Missed Approach Turning Fix
MATIAS	Magyar Automated and Integrated Air Traffic Control System
MATO	Military Air Traffic Operations
MATRAC	Military Air Traffic Radar Control Center
MATS	Manual of Air Traffic Services

MATSE	ECAC Transport Ministers' Meeting on the Air Traffic System in Europe
MATWP	Missed Approach Turning Waypoint
MATZ	Military Aerodrome Traffic Zone
MAU	Modular Avionics Unit
MAV	Medium Access Control
MAWEA	Modularized Avionics and Warning Electronics Assy
MAWP	Missed Approach Waypoint
MAX	Maximum
MAX CLB	Maximum engine thrust for two-engine climb
MAX CRZ	Maximum engine thrust for two-engine cruise
MAY	May
MAZ	Mini ASCAP-ZKSD Coupling
MB	Mega Byte
Mb	Millibars
MB	MariBor
MBA	Micro Burst Alert
MB-II	Multibus II
MBO	Management by Objective
MBPS	Megabits Per Second
MBR	Mittel-Bereich radar
MBST	Microburst
MC	Master Change
MC	Main Computer
MCA	Minimum Crossing Altitude
MCAI	Mandatory Continuing Airworthiness Information
MCC	Main Computer Complex
MCC	Military Control Center
MCC	Mission Control Center
MCDP	Maintenance Control and Display Panel
MCDU	Multipurpose Control and Display Unit
MCDU	Maintenance and Control Display Unit

MCDU	Multi-Function Control and Display Unit
MCDU	Multi-purpose Control and Display Unit
MCE	Management Center Europe
MCF	Manning Calculation Formula
MCG	Maastricht Coordination Group
MCG	Minimum Climb Gradient
MCH	Modified Cooper-Harper rating scale for system workload assessment
MCMG	Military Committee Meteorological Group
MCP	Mode Control Panel
MCP	Management Control Point
MCP	Mode Control Panel (pilots' interface to the autoflight system; usually located centrally just below cockpit glare shield)
MCS	Master Control Station
MCS	Monitoring and Control System
MCS	Multi-Aircraft Cockpit Simulator
MCSG	Military Committee Staff Group
MCT	Maastricht Coordination Team
MCT	Maximum Continuous Thrust
MCTR	Military CTR
MCU	Main CWP-Unit
MCU	Modular Concept Unit
MCU	Minimum Configuration Unit
MCU	Modular Component Unit
MCW	Modulated Continuous Wave
MD	McDonnell-Douglas
MDA	Minimum Descent Altitude
MDA	McDonnell-Douglas Aerospace
MDA/H	Minimum Descent Altitude/Height
MDAU	Maintenance Data Acquisition Unit
MDCN	Military Diplomatic Clearance Number; for military aircraft

MDD	Meteorological Data Distribution
MDF	Medium Frequency Direction-Finding Station
MDF	Main Distribution Frame
MDF	Medium Frequency direction-finding Station
MDH	Minimum Descent Height
MDH	Minimum Decision Height
MDI	Manage Document Inputs
MDI	Minimum Departure Interval
MDL	Multipurpose Data Link
MDP	Maastricht Development Plan
MDP	MADAP Data Processor
MDS	Management Document Storage
MDS	Minimum Detectable Signal
MDT	Mean Down Time
MEA	Minimum Enroute Altitude
MEB	Main Earthing Bar
MEC	Main Equipment Center
MECA	Model for the Economical evaluation of the Capacities of the ATM system
MECO	Main Engine Cutoff
MECU	Millions of ECU
MED	Medium
MEDLL	Multipath Delay Lock Loop
MEF	Minimum Essential Facilities
MEFISTO	Modelling, Evaluating and Formalizing Interactive Systems using Tasks and Interaction Objectives
MEG	Magnetoencephalography
MEHT	Minimum Eye Height Over Threshold
MEL	Minimum Enroute Level
MEL	Minimum Equipment List
MEMPAC	CBT on Memory, Perception, Cognition and Attention
MEO	Medium Earth Orbit

MES	Mobile Earth Station
MET	Meteorological or Meteorology
MET	request METAR
MET REPORT	Local Routine Meteorological Report
MET/AIS	Meteorological and Aeronautical Information processing System
METAR	Aerodrome Routine Meteorological Report
METAR	Aviation Routine Weather Report
METAR	Meteorological Aerodrome Report
METAR	Meteorological Aviation Routine Weather Report
MEURO	Millions of EUROS
MF	Medium Frequency
MF	Manning Facto
MF	Metering Fix
MF	Multiplication Factor
MFA	Message Format Area
MFAL	Major Functional Areas List
MFC/LB	Multi-Frequency Coding
MFD	Multi-Function Display
MFDA	Military Flight Data Assistant
MFL	Military Flight List
MFLOPS	Million Floating Point Operations per Second
MFPU	Mobile Field Processing Unit
MFS	Message from Shandwick
MFUR	Most Frequently Used route
MGC	Main Graphics Controller
MGSCU	Main Gear Steering Control Unit
MGT	Management
MGV	Miss Generation Volume
MHDF	Medium and High Frequency Direction-Finding Stations
MHDF	Medium and high frequency direction-finding

MHRS	Magnetic Heading Reference System
MHS	Message Handling Service
MHT	Multi Head Tracking
MHT	Multi Hypothesis Technique
MHVDF	Medium, High and Very High Frequency Direction-Finding Stations
MHZ	Megahertz
MI	Shallow
MIB	Management Information Base
MIC	Microphone
MICAM	Military Code Allocation Method
Microburst	Minimum Crossing Altitude
MID	Mid-Point
MID	Middle-East Region
MID	Moyen-Orient
MIDAS	Man-machine Integration Design analysis System
MIDAS	Multi-discipline Data Analysis System
MIDO	Manufacturing Inspection District Office Section
MIDS	Multi-Function Information Distribution System
MIDU	Multipurpose Interactive Display Unit
MIF	MTI Improvement Factor
MIFG	Shallow Fog
MIFG	MIFG
MIG	Mikojan – Gurevich
MIL	Military
MILATCC	Military Air Traffic Control Center
MILE	Multiple Integrated Laser Engagement System
MIL-HDBK	Military Handbook
MILREP	Military Representation
MILSATCOM	Military Satellite Communications
MILSPEC	Military Specifications
MIL-STD	Military Standard

MIN	Minutes
MIN	Message Identification Number
Min	Minutes
MIN	Minimum
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 time to line-up for take-off
MIO	Military Sector Input Operator
MIP	Multinational Information Production
MIPS	Million Instructions per Second
MIR	Master Inspection Record
MIRACULIX	Multi Interface Radar format Calculator and User Line Information Exchange
MIRL	Medium Intensity Runway Lights
MIS	Missing
MIS	Management Information System
MIS	Manual Input Station
MIT	Miles in Trail
MITRE	Massachusetts Institute for Technology, Research and Engineering
MIW	Message in Window
MJ	Megajoule
MKR	Marker Radio Beacon
MKR	Marker Beacon
MKR	Marker Radio Beacon
MLA	Maneuver Limited Altitude
MLD	Military Liaison Division
MLDT	Mean Logistic Down Time
MLE	Landing Gear Extended Placard Mach Number
MLS	Microwave Landing System
MM	Middle Marker
Mm	Millimeter

MM	Mental Model
MM	Middle Marker
MMEL	Master Minimum Equipment List
MMI	Man-Machine Interface
MMIL	Martin-Marietta International Link
MMO	Maximum Operating Mach
MMO	Main Meteorological Office
MMO	Mach Max Operating
MMOC	Martin-Marietta Overseas Corporation
MMPI	Minnesota Multi-phasic Personality Inventory
MMR	Multi-Mode Receiver
MN	Magnetic North
MNC	Major NATO Commander
MNCC	Multinational Coordination Center
MNFST	Manifest
MNM	Minimum
MNPS	Minimum Navigation Performance Specifications
MNPSA	Minimum Navigation Performance Specification Airspace
MNS	Mobile Network Services
MNT	Monitor or Monitoring or Monitored
MNT	Mach Number Technique
MNTN	Maintain
MNWG	Multi-National Working Group
MOA	Military Operating Area
MOA	Memorandum of Agreement
MOA	Military Operating Area
MOB	Mobile
MOC	Minimum Obstacle Clearance
MoC	Means of Compliance
MOC	Memorandum of Cooperation
MOC	Minimum Obstruction Clearance

MOCA	Minimum Obstacle Clearance Altitude
MOCA	Minimum Obstruction Clearance Altitude
MOCBITE	Maastricht Operational Computer Based Information, Training and Examination System
MOD	Ministry of Defense
MOD	Moderate
MOD	Modified/Modification
Mode S	Type of secondary surveillance radar (SSR) equipment which provides Mode A and Mode C interrogations, discrete address (Mode S) interrogations from the ground or air, and a data link capability
MODIS	Moderate-resolution Imaging Spectrometer
MOF	Mode of Flight
MOGAS	Motor Gasoline
MON	Above Mountains
MON	Monday
MON	Center of Expertise Monitoring
MONA	Monitoring Aids
MOPS	Minimum Operational Performance Standards
MOR	Military Operational Requirements
MORS	Mandatory Occurrence Reporting Scheme
MOS	Minimum Operating Standard
MOS	Minimum Operating Strip
MOSD	Mission, Objectives and Strategy Document
MOSFET	Metallic Oxide Semiconductor Field Effect Transistor
MOT	Ministry of Transport
MOT&E	Multinational Operational Testing and Evaluation
MOTNE	Meteorological Operational Telecommunications Network Europe
MOU, MoU	Memorandum of Understanding
MOUSES, MOUSES TF	Mode S Operational Use of Enhanced Surveillance Task Force
MOV	Move or Moving or Movement

MOW	Message Out Window
MOX (-B	Maastricht Operational Telephone Exchange (Version B)
MP	Manpower Planning
MP	Mental Picture
Mp	Microprocessor
MPa	Maximum Tire Pressure Allowable
MPA	Maritime Patrol aircraft
MPA	Military Planning Assistant
MPC	Message Processing Center
MPC	Military Planning Controller
MPDR	Medium Powered Doppler Radar
MPEG	Moving Pictures Expert Group
MPH	Miles Per Hour
MPL	Mini Flight Plan
MPO	Maastricht Project Office
MPO	Management Project Office
MPR	Medium Powered Radar
MPRT	Menu Preview Response Time
MPS	Meters per Second
MPs	Manpower Planners
MPS	Minimum Performance Specification
MPS / MPSG	Manpower Planning Sub-Group
MP-SEC	Management Planning System Evaluation and Control
MPT	Minimum Performance Transponder
MPW	Maximum Possible Weight
MPX	Multiplex
MR	Modification Revision
MRA	Military Reserved Airspace
MRA	Minimum Reception Altitude
MRC	Military Radar Controller

MRC	Monitoring and Remote Control
MRCA	Multirole Combat Aircraft
MRDP	Multi Radar Data Processing
MRDPS	Multi Radar Data Processing System
MRG	Medium Range
MRI	Master Record Index
MRK	Marker
MRL	Minimum Risk Level
MRM	Minimum Required Maneuver
MRP	ATS/MET Reporting Point
MRRP	Minimum Risk Routing Point
MRS	Monitoring and Ranging Stations
MRSA	Mandatory Radar Service Area
MRT	Mean Response Time
MRT	Monitoring R/T, an ACM service message
MRT	Multi Radar Tracking
MRTS	Multi Radar Tracker and Server
MRT-VU	Multi Radar Tracking using Variable Update
MRU	Minimum Radar Vectoring Altitude
MS	Minus
Ms	Millisecond
MSA	Minimum Sector Altitude
MSA	Minimum Safe Altitude
MSAS	Multi-Functional Transport Satellite Satellite-Based Augmentation System
MSAS	Multifunctional Transport Satellite
MSAS	MTSAT Satellite Based Augmentation System
MSAW	Minimum Safe Altitude Warning
MSB	Management Support Bureau
MSB	Most Significant Bit
MSC	Maastricht Steering Committee
MSC	Meteorological Services Communication

MSC	Miscellaneous Simulation Facility
MS-DTS	Medium Speed-Data Transmission System
MSF	Master Simulation Facility
MSG	Message
MSG	Manpower Sub-Group
MSGDLP	Mode S Ground Data Link Processor
MSGSUM	Message Summary
MSGTXT	Message Text
MSK	Minimum Shift Keying
MSL	Mean Sea Level
MSP	Mode S Specific Protocol
MSP	Multi-sector planning
MSR	Message Has Been Misrouted
MSRT	Mean Services Restoration Time
MSS	Message Storage System
MSSA	Message Switching System
MSSR	Monopulse Secondary Surveillance Radar
MST	Multiple Sensor Tracking
MSTU	Multiple Stagger Trigger Unit
MSU	Management Storage Unit
MSU	Mode Select Unit
MSUP	Military Supervisor
MT	Mountain
MTA	Military Training Area
MTAC	Multiple Time Around Clutter
MTAT	Multiple Time Around Targets
MTBCF	Mean Time Between Critical Failures
MTBF	Mean Time Between Failures
MTBR	Mean Time Between Removals
MTBUR	Mean Time Between Unscheduled Removal
MTCA	Medium Term Conflict Alert
MTCA	Medium Term Conflict Assistance

MTCD	Medium Term Conflict Detection
MTCDR	Medium-Term Conflict Detection and Resolution
MTCEP	Medium Term Capacity Enhancement Plan
MTCHG	Matching
MTD	Mean Down Time
MTD	Micro Tabular Display
MTD	Moving Target Detection
MTF	Modulation Transfer Function
MTG	Muting
MTI	Moving Target Indicator
MTMA	Major TMA
MTN	Mega Transport Network
MTOM	Maximum Take-Off Mass
MTOW	Maximum Take-Off Weight
MTP	Medium Term Plan
MTPA	Mobile Transponder Performance Analyzer
Mtraq	Multi track quality
MTS	Maneuverable Target Simulator
MTS	Memory Time Switch
MTSAT	Satellite-Based Augmentation System
MTSAT	Multi-Functional Transport Satellite
MTTF	Mean Time to Failure
MTTR	Mean Time to Repair
MTU	Metric Units
MTW	Mountain Waves
MVDF	Medium and Very High Frequency Direction- Finding Stations
MWO	Meteorological Watch Office
MX	Mixed Type of Ice Formation

N

NOVEMBER

1996

Iran Air
Boeing 727-200
Athens, Greece

N	No Distinct Tendency
N	North or Northern Latitude
N	Newton
NADP	Noise Abatement Departure Procedure
NAS	National Airspace System
NASA	National Aeronautics and Space Administration
NASC	National AIS System Center
NAT	North Atlantic
NAV	Navigation
NB	Northbound
NBFR	Not Before
NBR	Number
NC	No Change
NCD	No Cloud Detected
ND	Navigation Display
NDB	Non-Directional Radio Beacon
NDV	No Directional Variations Available
NE	North-East
NEB	North-Eastbound
NEG	No or Negative or Permission Not Granted or That Is Not Correct
NGT	Night
NIL	None or I Have Nothing to Send to You
Nl	Engine Revolutions per Minute
NM	Nautical Miles
NML	Normal
NN	No Name, Unnamed
NNE	North-North-East
NNW	North-North-West
NO	No
NOF	International NOTAM Office
NOG	Northern Telecom Network Operator's Group

NOG-FSG	NOG Features Subgroup
NOMAS	NOTAM Management System
NONSTD	Nonstandard
NOPT	No Procedure Turn Required
NORAC	No Radio Contact
NORDO	No Radio
NOS	Network Operating System
NOSIG	No Significant Change
NOTAM	Notice Distributed by Means of Telecommunication
NOTAM	Notice to Air Mission
NOTAMC	NOTAM Cancelling another Notam
NOTAMN	New NOTAM
NOTAMR	Notam Replacing another Notam
NOV	November
NOZ	Normal Operating Zone
NP	Network Protocol
NPA	Non-Precision Approach
NPDU	Network Protocol Data Unit
NPL	Night Plan
NPO	Scientific Production Organization
NPO KIP	Scientific Production Organization; Scientific Production Institute of Space Device Building
NPRM	Notice of Proposed Rule Making
NPV	Net Present Value
NPV	Non-Precision Approach procedure with Vertical Guidance
NR	Noise Rating
NR	Number
NRF	NATS Research Facility
NRH	No Reply Heard
NRL	Naval Research Laboratory
NRP	North Reference Pulse

NRP	National Route Plan/Program
NRZ	Non-Return to Zero
NRZI	Non-Return to Zero Inverted
ns	Nanosecond
NS	Navigation Separation
NS	Next Sector
NS	Nimbostratus
NSAP	Network Service Access Point
NSC	New Scottish Center
NSC	No Significant clouds
NSC	Notice to Airmen Selection Criteria
NSC	Nil Significant Cloud
NSD	Navigational Status Display
NSDU	Network Service Data Unit
NSE	Navigation System Error
NSM	Network System Manager
NSSG	Navigation and Separation Sub-Group
NSSR	Next/New Secondary Surveillance Radar Code
NSTB	National Satellite Test Bed
NSVN	NATO Secure Voice Network
NSW	Nil Significant Weather
NSWC	Naval Surface Warfare Center
NT	Northern Telecom
NTAP	Notice to Airman Publication
NTE	Not to exceed
NTL	National
NTM F/T SIM	Nattenheim Fast Time Simulation
NTN	Network Terminal Number
NTRY	Entry
NTSB	National Transportation Safety Board
NTZ	No Transgression Zone
NUA	Network User Address

NUDET	Nuclear Detection
NVFR	VFR by night
NW	North-West
NWB	North-Westbound
NWS	National Weather Service
NXRPT	Next Reporting Point
NXT	Next

OSCAR

N/A

Pars Air
Fokker F-28 Fellowship
Netherlands

O	Oceanic
O/R	on Request
O/T	Other Times
OA	Object Oriented Analysis
OAC	Oceanic Area Control Center
OACA	Office of Airports and Civil Aviation
OACC	Oceanic Area Control Center
OAG	Official Airlines Guide
OAP	Output Audio Processor
OAS	Obstacle Assessment Surface
OAS	Oceanic Automation System
OAS	Obstacle Assessment Surface
OASIS	Oceanic Area System Improvement Study
OASIS	Open Architecture for Simulation Systems
OASIS	Open ATC System Integration Strategy
OASIS	Operational Application of Special Intelligence Systems
OASYS	Obstacle Avoidance System
OAT	Operational Air Traffic
OAT	Outside Air Temperature
OATS	Orbit and Attitude Tracking
OBA	Off-Bore Sight Angle
Obj	Objective in CIP
OBS	Organizational Breakdown Structure
OBS	Observe or Observation Status
OBS	Observe or Observed or Observation
OBSC	Obscure or Obscured or Obscuring
OBST	Obstacle, Obstruction
OBSTL	Obstruction Lights
OBT	Off Block Time
OBTEX	Offboard Targeting Experiments
OC	Object Correlator

OCA	Oceanic Control Area
OCA	Obstacle Clearance Altitude
OCA	Oceanic Control Area
OCAP	Out of Control Action Plan
OCC	Operations Control Center
OCC	Occulting
OCD	Operational Concept Document for the EATCHIP-Phase III System Generation
OCH	Obstacle Clearance Height
OCL	Obstacle Clearance Limit
OCL	Oceanic Clearance delivery
OCM	Oceanic Clearance Message
OCNL	Occasional or Occasionally
OCP	Obstacle Clearance Panel
OCP	Operational Computer Program
OCR	Operational and Certification Requirements
OCR	Optical Character Recognition
OCR TF	Operational and Certification Requirements Task Force
OCS	Obstacle Clearance Surface
OCS	Operational Control Segment
OCS	Obstacle Clearance Surface
OCT	Onward Clearance Time
OCT	Operational Control Terminal
OCT	October
OCTF	Operation Concept Task Force
OCU	Operational Conversion Unit
OCV	Operational Coverage Volume
OCX	New Object similar to VBX
OD	Organization and Development
ODA	Open Document Architecture
ODA	Organization Designation Authorization

ODAPS	Oceanic Display and Planning System
ODAPS	Operational OGE Data Acquisition and Patch Subsystem
ODAX	Name of military exercises
ODC	Office of Defense Cooperation
ODETE	On-line Data Exchange Terminal
ODF	Oceanic Development Facility
ODIAC, ODIAC-TF	Operational Development of Initial Air/Ground Data Communications Task Force
ODID	Operational Display and Input Development
ODIF	Open Document Interchange Format
ODIN	Briefing System
ODP	ATM Operational Requirements & Data Processing
ODS	Operational Display System
ODS	Operator input and Display System
ODT	Operational Requirements and Data Processing Team
ODU	Output Distribution Unit
OECD	Organization for Economic Co-operation and Development
OFCR	Officer
OFFPDR	Off Predetermined Route
OFIR	Oceanic FIR
OFIS	Operational Flight Information System
OFL	Off-Line
OFL	Outflow
OFS	Ordered Field Sequencing
OFST	Lateral Offset Active Light
OFZ	Obstacle Free Zone
OGE	Operational Ground Equipment
OGM	Objectives > Goals > Mission
OGN	Originate
OH	Operational Handbook

OHD	Overhead
OHM	Organizational Health Monitoring
OHP	Over Head Projector
OHTF	Operational Harmonization Task Force
OIDS	Operational Information Display System
OIS	Obstacle Identification Surface
OIS	OGE Input Simulator
OIS	Obstacle Identification Surface
OJT	On-the-Job Training
OJTI	On-the-Job-Training Instructor
OK	We Agree or It Is Correct
OL	Operating Location
OLAN	Onboard Local Area Network
OLDI	on-Line Data Interchange
OLDISP	OLDI Specialist Panel
OLEVAT	on Line Exercise of Validation of Aircraft Trajectories
OLR	Off Load Route
OLS	Off Line System
OM	Operations Manual
OM	Outer Marker
OMC	Operational Monitoring Complex; Operational Monitoring Cell
OMD	Operational Management Domain
OMG	Operational Monitoring Group
OMS	on-board Maintenance System
OMS	Outboard Maintenance System
ONL	On-Line
ONP	Open Network Provision
OOD	Object Oriented Design
OOEU	Outboard Overhead Electronics Unit
OOOI	Out-Off-on-in
OOP	Object Oriented Programming

OOP	Operational Outline Program
OOR	Outline Operational Requirement
OP	Operational
OP	Organizational Productivity
OPA	Opaque, white type if ice formation
OPA	Opaque, White Type of Ice Formation
OPADD	Operating Procedures for AIS Dynamic Data
OPAL	Optimization Platform for Airports, including Land-side
OPAS	Overhead Panel Arinc 629 System
OPB	Outer Performance Boundary
OPBC	Overhead Panel Bus Controller
OPC	the control indicated is operational control
OPC	Control Indicated Is Operational Control
OPCF	Overhead Panel Card File
OPD	Operational Procedures Document
OPIF	Operator Interface
OPLAN	Operational Plan
OPM	Office of Personnel Management
OPM	Operational Position Management
OPMET	Operational Meteorological Information
OPMET	Operational Meteorological
OPN	Open or Opening or Opened
OPN	Operational Planning Notes
OPR	Operator or Operate or Operative
OPR	ATM Operational Requirements; ATM Working Rules and Operational Requirements
OPR	Operator or Operate or Operative or Operating or Operational
OPS	Operational Services, Center of Expertise EEC
OPS	Operations
OPS	Operations Section
OPSEC	Operational Security

OPSP	Operations Panel
OPSroom	Operations Room
OPT	Operational Testing
OPT	Optimum
O-QAR	Optical Quick Access Recorder
OQPSK	Offset Quadrature Phase Shift Keying
OR	Operational Requirement
ORA	Operational Research and Analysis Group
ORCAM	Originating Region Code Assignment Method
ORD	Indication of an Order
ORD	Operational Requirements Document
ORD	Order
ORGMSG	Original Message
ORGN	Original
ORGRTE	Original Route
ORM	Operational Reply Message
ORMAQ	Operation Room Management Attitudes Questionnaire
ORQ	D-OTIS Request Message
ORs	Operational Requirements
ORSG	Operational Requirements Sub-Group
ORT	Owner Requirements Table
ORTF	Operational Requirements Task Force
OS	Australian Airlines
OSC	Operations Steering Committee
OSCAR	Orbiting Satellite Carrying Amateur Radio
OSD	Operational Scenarios Document
OSF	Open System Foundation
OSG	Operational Services Group
OSI	Open System Interconnection
OSIE	OSI Environment
OSM	Operational Systems Management Section

OSR	Operational Systems Requirements Team
OST	Operational Support Traffic
OSV	Ocean Station Vessel
OTD	D-OTIS Delivery Message
OTD	Operational Target Date
OTD	Other Training Device
OTF	Operational VHF Task Force
OTF	Operational Task Force
OTF	Operational, Technical and Financial Working Group
OTF/BFWG	Combined Operational, Technical/Budgetary & Financial Working Group
OTFP	Operational Traffic Flow Planning
O-TGS	ODS - Target Generation System
OTH	Over the Horizon
OTLK	Outlook
OTP	on Top
OTP	Overall Test Plan
OTP	on Top
OTR	Operational Turn Around
OTS	Oceanic Track System
OTS	Off-the-Shelf
OTS	Organized Track System
OTS	Out of Service
OTSG	Operational Training and Selection Group
OTT	D_OTIS Termination Message
OTV	Orbital Transfer Vehicle
OU	Croatia Airlines
OUBD	Outbound
OUMSESTF	Operational Use of Mode S Enhanced Surveillance Task Force
OUNS	Operational Navigation System
OUR	Operational User Requirements

OURASIE	Outraise Toolkit : software X-windows toolkit built above Xt Intrinsic layer
OUTB	Outbound
OV	Overseas National Airways
OVC	Overcast
OVDR	Overdoor
OVFL	Overfill
OVHT	Overheat
OVR	Over
OVWG	Overwing
Own	TCAS II equipped aircraft - source of TCAS event

P

PAPA

1990

Iran Air
Boeing 707-300
Frankfurt, Germany

P	Prohibited Area
P	Prefix
P	Procedure-Required Tuned NAVAID
P	Maximum Value of Wind Speed or Runway Visual Range
P	Prohibited Area
P- t - P / pt to pt	Point-to-Point
P&H	Press and Hold
P,R,D Area	Prohibited, Restricted, or Danger Area
P.ACCs	Pairs of ACCs
p.t.t	Push-to-Talk
PA	Participating Area
PA	Precision Approach
PA	Provisional Acceptance
PA	Passenger Address
Pa	Pascal
PA/CI	Passenger Address/Cabin Interphone
PAA	Plot Accuracy Analysis
PABX	Private Automatic Branch eXchange
PAC	Pacific Region
PAC	Preliminary Activation message
PAD	Packet Assembler Disassembler
PAEW	Personnel and Equipment Working
PAH	Production Approval Holder
PAK	Pilot Acknowledgement
PALLAS	Phased Automation of the Hellenic ATC System
PALS	Precision Approach Lighting System
PAM	Pilot Acknowledgement Message
PAM	Program for Analysis of MADAP
PAMCS	Panel on Air Space Management and Control Systems
PAMPLAY	PAM rePLAY system

PANS	Procedures For Air Navigation Services
PANS-OPS	Procedures for Air Navigation Services - Aircraft Operations
PANS-RAC	Procedures for Air Navigation Services - Rules of the Air and Air Traffic Services
PAPI	Precision Approach Path Indicator
PAQ	Position Analysis Questionnaire
PAR	Planning, Analysis and Reporting
PAR	Precision Approach Radar
PARADISE	Prototype of an Adaptable and Reconfigurable ATM Demonstration and Integration Simulator Environment
PARI	Precursor, Action, Result, Interpretation
PARI method	Precursor, Action, Result, Interpretation Method
PARL	Parallel
PARZOC	Parabolic Approximation of Aircraft Performance for use in a ZOC
PAT	Pattern
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	Professional Air Traffic Controllers Association
PATN	PHARE experimental Aeronautical Telecommunication Network
PATROCLOS	Peripheral Airports Terminal Radars, ODS and Centrally Linked Operations System
PATs	PHARE Advanced Tools
PATWAS	Pilot Automatic Telephone Weather Answering Service
PAU	Primary Authorized User
PAWES	Performance Assessment and Workload Evaluation
PAX	Passengers

PAX TEL	Passenger Telephone
PB	Project Board
PBD	Place Bearing/Distance
PBE	Peripheral Bus Extender
PBL	Problem-Based Learning
PBN	Performance-Based Navigation
PBO	Performance Based Oversight
PBRA	Plot Based Resolution Analysis
PC	Personal Computer
PC	Planning Controller; Provisional Council
PC	Production Certificate
PCA	Physical Configuration Audit
PCB	Printed Circuit Board
PCC	Peripheral Computer Complex
PCC	Planning Coordination Controller
PCC	Polygon Coordination Center
PCC	Project Coordinating Committee
PCCB	Program Change Control Board
PCD	Personal and Career Development
PCD	Planning Controller Display
PCD	Probability of Code Detection
PCD	Proceed or Proceeding
PCD	Proceed or Proceeding PCD Processed Meteorological Data in the Form of Grid Point Values Expressed in
PCFL	Preferred Cruise Flight Level
PCH	Patch
P-channel	Packet Mode Channel
PCI	Permanent Commission for Investigation Permanent Committee of Inquiry
PCI	Protocol Control Information
PCIP	Pilot Conversion and Implementation Plan
PCL	Pending and Coast List

PCL	Pilot Controlled Lighting
PCL	Procedure Changeover Lines
PCL	Pilot-Controlled Lighting
PCM	Planning Coordination Message
PCM	Pulse Code Modulation
PCMP	Project Configuration Management Plan
PCN	Pavement Classification Number
P-Code	Precise/Protected Code
PCP	Project Control Plan
PCPU	PCM Central Processing Unit
PCR	Periodic Contract Request
PCR	Post Conference Report
PCR	Problem Change Request
PCS	Process Control System
PCT	Planning Control Theory
PCT	Percent
PCV	Probability of Code Validation
PCX	A window compatible BIT format
PD	PHARE Demonstration
PD	Plan Display
PD	Pointing Device
PD	Profile Descent
Pd, Pdet	Probability of detection
PD/1	PHARE Demonstration 1
PD/1+	PHARE Demonstration 1+
PD/1++	PHARE Demonstration 1++
PD/2	PHARE Demonstration 2
PD/2+	PHARE Demonstration 2+
PD/3	PHARE Demonstration 3
PDA	Planning Coordination Message Display Area
PDA	Plot Detection Analysis
PDB	Performance Data Base

PDC	Peripheral Device Controller
PDC	Pre-Departure Clearance
PD-Channel	Packet Data Channel
PDCU	Panel Data Concentrator Unit
PDES	Pulse Doppler Elevator Scan
PDF	Percentage of Delayed Flights
PDG	Procedure Design Gradient
PDME	Precision Distance Measuring Equipment
PDN	Public Data Network
PDOP	Position Dilution of Precision
PDP	Polar Diagram Plotter
PDR	Pre-Determined Route
PDR	Preliminary Design Review
PDRP	Problem Detection and Resolution
PDS	Program Development System
PDTWG	Plot Data Transmission Working Group
PDU	Power Distribution Unit
PDU	Protocol Data Unit
PDU	Power Drive Unit
PE	Processor Element
PE	Protected Earth
PE	Ice Pellets
PE 90	Parameters of Earth, 1990. Russian Geodetic System
PEA	Parameter and Environment Assembler
PEC	Pressure Error Correction
PEL	Planned Entry Level
PEL	Program for Emerging Leaders
PELA	Proficiency test in English Language for ATCOs
PEM	Phone Emergency Module
PENS	Pan-European Fixed Network Service
PEP	Performance Engineering Program
PEPC	Primary External Power Contactor

PER	Packet Encoding Rules
PER	Performance
PERF	Performance
PERM	Permanent
PERT	Program Evaluation and Review Technique
PES	Proposed Eurocontrol Standard Document
PES	Passenger Entertainment System
PETAL	Preliminary Eurocontrol Tests of Air/Ground data Link
PEX	PHIGS Extended X-Windows System
PF	Pilot Flying
PFA, Pfa	Probability of False Alarm
pFAST	passive Final Approach Spacing Tool
PFC	Primary Flight Computer
PFCS	Primary Flight Control System
PFD	Planned Flight Data
PFD	Primary Flight Display
PFD	Probability of Failure Detection
PFE	Path Following Error
PFI	Private Finance Initiative
PFIDS	Passenger Flight Information Display System
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
PFR	Probability of Failure Repair
PGMP	Pilot Group on ATCO Manpower Planning
PGS	Personnel General Services Team
PHA	Preliminary Hazard Analysis
PHARE	Poland, Hungary Aid for Restructuring of the Economy

PHARE	Program for Harmonized Air Traffic Management and Research in Eurocontrol; Programmed for Harmonized Research in Europe
PHAROS	Plan Handling and Radar Operating System
PHIBUF	Performance Buffet Limit
PHIGS	Programmer's Hierarchical Interactive Graphics System
PHINOM	Nominal Bank Angle
PI	Performance Indicator
PI	Peripheral Interface
PI	Procedure Turn to Intercept
PIAC	Peak Instantaneous Aircraft Count
PIB	Policy Information Base
PIB	Pre-Flight Information Bulletin
PICASSO	Control, Analysis and Monitoring of the Spanish Air Navigation System. Statistical application
PID	Pilot Information Downlink
PIM	Program Implementation Management
PIP	Plug in Panel
PIP	Product Improvement Package/Program
PIREP	Pilot Report
PIREPS	Pilot Reports
PIRG	Planning and Implementation Regional Groups
PIU	Parent IFPS Unit
PJE	Parachute Jumping Exercise
PK	PIA Pakistan International
PKG	Parking
PL	Ice Pellets
PL	Pseudo lite
PL	Ice Pellets
PLA	Practice Low Approach
PLANO	Procedures Linked to Abating Noisy Operations
PLATON	new RDPS

PLB	Personal Locator Beacon
PLC	Planning Controller
PLL	Phase Locked Loop
PLMN	Public Land Mobile Network
PLN	Flight Plan
PLN	Flight Plan Conformance
PLP	Packet Layer Protocol
PLVL	Present Level
PLW	Plow, Plowed
PM/FL	Process Monitoring / Fault Location
PMA	Permanent Magnet Alternator
PMA	Parts Manufacturer Approval
PMAT	Portable Maintenance Access Terminal
PMB	Program Management Board
PMB	Project Management Bureau
PMC	Project Management Cell
PMCG	Preliminary Maastricht Coordination Group
PMCS	Performance Management Computer System
PMCT	People Management Core Team
PMD	Pre-warning Message for Departure
PME	Pre-warning Message Entry
PMG	Permanent Magnet Generator
PMO	Pre-warning Message OAT
PMO	Program Management Organization
PMP	Project Management Plan
PMR Steering Committee	Planning Monitoring and Reporting Steering Committee
PMS	Performance Management / Monitoring System
PMW	Project Management Workbench
PMX	Planning Message Exit
PN	Prior Notice Required
PND	Primary Navigation Display

PNF	Pilot Not Flying
PNL	Project Notification Letter
PNR	Point of No Return
PNR	Prior Notice Required
PO	Dust devils
PO	Dust/Sand Whirls
PoACCS	Portuguese Air Command and Control System
PoAF	Portuguese Air Force
POB	Persons on Board
POC	Point of Contact
POD	Port of Disebarkation
POE	Port of Embarkation
POEMS	Pre-Operational European Mode S Station
POEMS	Pre-Operational European Mode S Enhanced Surveillance
POG	Point of Gaze
POR	INMARSAT Pacific Ocean Region
POR	Pacific Ocean Region
PoR	Point of Risk
POR	Point of Regulation
POS	Position
POS INIT	Position Initialization
POS REF	Position Reference
Positive RA	RA applying minimum vertical rate
POSIX	Portable Operating System Interface for Computer Environments
POSS	Possible
PPC	Physical Protected Circuit
PPC	Policy Planning Committee
PPC	Projects, Procurement & Communication Section
PPD	Aircrew Preferences Downlink
PPD	Pilot References Downlink

PPD	Plans and Policy Division
PPI	Plan Position Indicator
ppi	Points Per Inch or points per inch
PPI	Plan Position Indicator
PPL	Private Pilot License
PPM	Pages per Minute
PPM	Pulse Position Modulation
PPO	Prior Permission Only
PPOS	Present Position
PPR	Prior Permission Required
PPS	Precision Positioning Service/System
PPS, pps	Pulses Per Second
PPSN	Present Position
PPSN	Public Packet Switching Network
PPSN	Present Position
PQM	Project Quality Manager
PQP	Project Quality Plan
PR	Banks
PR	Position Reporting
PR	Pseudo Range
PR, PRI	Primary
PR/PSR	Primary Radar
PRA	Plot Resolution Analysis
PRA	Primary Rate Access
PRAISE	Preparation for Research and Development in Support of EATMS Program
PRAISE	Preparation of Functional Concepts from EATMS Operational Requirements
PRC	EEC business area - support to performance review
PRC	Performance Review Commission
PRCLR	Precooler
PRE	Preview

PRE	Previous Center
preC	PreCouncil
PREDICT	Pre-Tactical System
Pre-OJT	Pre-on-the-Job Training
PREV	Previous
PREVI	Data Processing system to support the forecast and regulation of the air traffic
PRF	Pulse Repetition Frequency – pertaining to radar
PRF	Percentage of Regulated Flights
PRF	Pulse Repetition Frequency
PRFG	Aerodrome Partially Covered by Fog
PRI	Primary
PRI	Pulse Repetition Interval
PRIF	PROC Interface Tool
PRKG	Parking
PRL	Pilot Request, Level
PRM	Precision Runway Monitor
PRN	Pseudo Random Noise
PRN Code	Pseudo Random Noise Code
P-RNAV	Precision Area Navigation
P-RNAV	Precision RNAV
ProATN	Prototype Aeronautical Telecommunications Network
PROB	Probability
PROC	Procedure
PROC	Procurement
PRODAT	PROSAT Data Link Experiment
PROF	Profile
PROFI	Multinational Project Financing
PROG	Progress Page on MCDU
PROM	Programmable Read Only Memory
PROP	Propellor

PRORES	Problem Resolution
PROSAT	Program Satellite
PROSIT	Problem Situation
PROT	Protection
PROV	Provisional
PROVE	European ATC Pre-operational Validation and Experimental Trials Platform
PRP	Pulse repetition Period
PRP	Point-in-Space Reference Point
PRQ	Pilot Request
PRR	Performance Review Report
PRR	Pilot Request, Route
PRR	Production Revision Record
PRS	Performance Review System
PRS	Picture Repetition Store
PRSG	Performance Review Sub-Group
PRSOV	Pressure Regulating Shut-Off Valve
PRT	Preferences Tool
PRT	Processing Response Time
PRU	Performance Review Unit
Ps	Pressure, static - air data measurement
PS	Pacific Southwest Airways
PS	Position Symbol
PS	Power Supply
PS	Problem Solver
PS	Plus
PSA	Passive Slot Allocation
PSA	Primary Subject Area
PSA	Provisional Site Acceptance
PSA	Power Supply Assembly
PSAL	Provisional Slot Allocation List
PSAP	Presentation Service Access Point

PSB	Parallel System Bus
PSC	Performance, Standard, Conditions
PSC	Project Steering Committee
PSCP	Project Specific Certification Plans
PSDN	Packet Switched Data Network
PSDN	Public Switched Data Network
PSE	Primary Surveillance Equipment
PSEU	Proximity Switch Electronics Unit
PSG	Passing
PSG	Program Steering Group
Psi	Pounds/square inch
PSMC-Channel	Packet System Management and Control Channel
PSMSL	Permanent Service for Mean Sea Level
PSN	Public Switch Network
PSN	Position
PSP	Pierced Steel Planks
PSP	Primary Spare Part
PSP	Partnership for Safety Plan
PSPDN	Packet Switched Public Data Network
PSR	Packed Snow on Runway
PSR	Primary Secondary Radar
PSR	Primary Surveillance Radar
PSSA	Preliminary System Safety Assessment
PSSR	Present Secondary Surveillance Radar -code-
PST	Project Supervision Team
PSTN	Packed Switched Telecommunication Network
PSTN	Public Switched Telephone Network
PSU	Passenger Service Unit
PSYS	Pressure System
Pt	Total Pressure
PT	Point
PTCHY	Patchy

PTE	POEMS Test Environment
PTH	Path
PTN	Procedure Turn
PTO	Preferred Time Over
PTOT	Provisional Take Off Time
PTP	Part-Task Practice
PTRMC	Prototype Team Resource Management Courseware
PTS	Polar Track Structure
PTS	Pre-Training Screen
PTS	Polar Track Structure
PTSD	Post-Traumatic Stress Disorder
PTT	Part-Task Trainer
PTT	Press to Talk/Push to Talk
PTW	Project Team Work
PU	Processing Unit
PUB	Publications and Charts
PUMA	Performance Usability-Modelling of ATM
PV	Performance Verification
PV	Present Value
PVC	Permanent Virtual Circuit
PVD	Plan View Display
PVD	Para Visual Display
PVT	Private
PVT	GNSS Position Velocity Time
PWB	Printed Wire Board
PWG	Pensions Working Group
PWP	Physical Working Position
PWP	Published Way Point
PWR	Power
PYL	Pylon
PZ	Portoroz
PZ 90	Parameters of Earth 1990

Q

QUEBEC

1975

Imperial Government of Iran
Boeing 727-100 “SHAHBAZ”
London, United Kingdom

Q	Question
Q	Quadrature Component
Q	Atmospheric Pressure
Q&A	Question and Answer
Q.23	Signaling system for PABX
Q.SIG	ATS-Q.SIG - standard for ATC. G/G voice communications
QA	Quality Assurance CFMU/ENGD
QAR	Quick Access Recorder
QAR	Quality Assurance Representative
QAR	Quick Access Recorder
QBI	Compulsory IFR Flight
QC	Quality Control
QCM	Quality Control Manager
QD	Do You Intend to Ask Me For A Series of Bearings? or I Intend to Ask You For A Series of Bearings
QDL	Do You Intend to Ask Me For A Series of Bearings? or I Intend to Ask You For A Series of Bearings
QDM	Magnetic Heading
QDR	Magnetic Bearing
QDT	Quadrantal
QF	Quality Factor
QFE	Atmospheric Pressure at Aerodrome Elevation
QFU	Magnetic orientation or runway in use
QFU	Magnetic Orientation of Runway
QGE	What Is My Distance to Your Station? Or Your Distance to My Station Is
QHN	Altimeter Sub-scale setting
QJH	Shall I Run My Test Tape/A Test Sentence? or Run Your Test Tape/A Test Sentence
QNE	Altimeter subscale set to 1013,2 hectopascals
QNF	Altimeter sub-scale setting to obtain elevation when on ground

QNH	Atmospheric Pressure at Nautical Height; Q-code designation for atmospheric pressure at mean sea level
QNH	Altimeter Sub-Scale Setting to Obtain Elevation When on the Ground
QNH	Altimeter Sub-Scale Setting to Obtain Elevation When on the Ground
QOS	Quality of Service
QP	Quality Plan
QPSK	Quadrature Phase Shift Keying
QRA	Who Are You
QRH	the barometric pressure as reported by a particular station
QRPS	Route Points Store
QSIG	Signaling to a Q Reference Network
QSP	Will You Relay to . . . Free of Charge? or I Will Relay to . . . Free of Charge
QTA	Shall I Cancel Telegram Number . . .? or Cancel Telegram Number
QTE	True Bearing
QTF	Will You Give Me the Position of Me Station According to the Bearings Taken by the D/F Stations Which You Control? or the Position of Your Station According to the Bearings Taken by the D/F Stations That I Control Was . . . Latitude . . . Longitude Class. . . at . . . Hours
QTG	Qualification Test Guide
QTY	Quantity
QUAD	Quadrant
QuestionAIR	Computer-based ATM questions bank
QUIS	Questionnaire for User Interface Satisfaction
QUJ	Will You Indicate the TRUE Track to Reach You? or the TRUE Track to Reach Me Is . . . Degrees at . . . Hours

R

ROMEO

1980s

Iran Air Cargo
Boeing 747-200F
London, United Kingdom

R	EnRoute
r	Rate of change
R	Red
R	Right
R	Route Tuned NAVAID
R	Radial
R	Restricted area
R	Radar
R	Rate of Turn
R	Restricted Area
R	Runway
R	Received
R Team	Collection of air navigation charges under bilateral agreements with non-Contracting States
R&D	Research and Development
R/C	Rate of Climb
R/T	Radio Telephonic Transmission
R/T or RTF	Radio Telephony
R+B	Range and Bearing line
R1	Minor Repairs
R2	Major Repairs
R2	Eurocontrol Signaling Protocol
R2	European signaling standard
R2	Signaling system used for telephone exchanges
RA	Radio Access
RA	Radio Altitude
RA	Rain
RA	Resolution Advisory
RA	Risk Analysis
RA	Routine Area
RA	Resolution Advisory
RA	Radio Altitude

RAA	Regional Airline Association
RAARR	Radar Arrival
RAAS	Regional Area Augmentation System
RAC	Resolution Advisory Complement
RAC	RUHR Assistant Controller
RAC	Rules of the Air and Air Traffic Services-Control
RACE	Runway Capacity Enhancement
RAD	Radar
RAD	Radial
RAD	Radio
RAD	Route Availability Document
RADAC	Radar Verification Equipment in Norway
RADAR	Radio Detecting and Ranging
RADEP	Radar Departure
RADIN	Radar Data Interchange Network
RADIN	Radar Data Interface
RADNET	Radar Network
RADVIEW	Radar Verification Equipment in Norway
RAE	Royal Aerocraft Establishment
RAF	Reference ATN Facility
RAF	Royal Air Force
RAFC	Regional Area Forecast Center
RAG	Ragged
RAG	Range-Azimuth Gate Generator
RAG	Runway Arresting Gear
RAI	Italian Aeronautical Certification Authority
RAI	Runway Alignment Indicator
RAIL	Runway Alignment Indicator Lights
RAIM	Receiver Autonomous Integrity Monitoring
RALT	name of enroute alternate aerodromes
RAM	Random Access Memory
RAM	Reliability, Availability and Maintainability

RAM	Responsibility Assignments Matrix
RAMBO	Reliable, Available, Maintainable, Benefits, Objectives
RAMOS	Remote Automatic Meteorological Observing System
RAMS	Reorganized ATC Mathematical Simulator
RAN	Regional Air Navigation
RANSU	Regional Air Navigation Service Unit
RAP	Recognized Air Picture
RAP	Resource Allocation Process
RAPCON	Radar Approach Control Facility
RAPID	Recognized Picture Identification Distribution
RAPNET	Regional Aeronautical Packet Switched Network
RAPPI	Radar Access Plan Position
RAPS	Recovery Access Presentation System
RAR	Restricted Area Requested
RARAD	Radar Advisory
RAS	Resource Allocation System
RASA	Radar Advisory Service Area
RASA	Requirements Analysis Strategy and Architecture Sub-group
RASC	Regional AIS System Center
RASCAL	Radar Sharing Calculation
RASCAL	Radar Station Coverage Calculator
RASCAL	Rotorcraft Air Crew Systems Concepts Airborne Laboratory
RASIF	Radar Simulator Flugsicherung
RASP	Radar Application Specialists Panel
RASP	Radar Surface Picture
RASS	Radar Analysis Support System
RASS	Remote Altimeter Setting Source
RASS-C	Radar Analysis Support System - Center Level
RASS-P	Radar Analysis Support System - Plot data

RASS-PDP	RASS - Polar Diagram Measurement Facility
RASS-S	Radar Analysis Support System - Sensor Level
RASS-T	Radar Analysis Support System - Track data
RASTA	Radar Statistics Program
RASV	Responsibility Air Space Volume
RAT	Ram Air Turbine
RATE	Remote Air Traffic Services Terminal
RATS	Radar Analysis and Test System
R-ATSU	Air Traffic Service Receiving Unit
RATT	Radio Teletype
RB	Rescue Boat
RBDM	Risk-based Decision Making
RBP	Radar Bypass Processor
RBRT	Risk Based Resource Targeting
RBRTa	Risk-Based Resource Targeting Alternative
RBRTo	Risk Based Resource Targeting for ODA
RBS	Radio Backup System
RC	Radar Controller
RCA	Reduced Coordination Airspace
RCA	Reach Cruising Altitude
RCA	Remote Client Application
RCA	Reach Cruising Altitude
RCAG	Remote Communication Air/Ground Facility
RCAT	Route Catalogue
RCC	Rescue Coordination Center
RCD	DCL Request Message
RCDS	Radio Channel Distribution and Switching
RCDSS	Radar Control and Display Subsystem
RCF	Radio Communications Failure
RCFEP	Radar Data Communications Front-End Processor
RCGSP	Review of the General Concept for Separating Panel
RCH	Reach or Reaching

R-Channel	Random Access Channel
RCHG	Repetitive Flight Plan Modification Message
RCL	Executive Controller
RCL	Runway Center Line
RCLL	Runway Center Line Lights
RCLR	Recleared
RCM	Radar Coordinator Message
RCM	Statement of Basic Operation Requirement Planning Criteria & Methods of Application
RCNL	Repetitive Flight Plan Data Cancellation Message
RCO	Reduce Cumulative Overloads
RCO	Remote Communications Outlet
RCO	Route Charges Office
RCP	Required Communication Performance
RCP	Radio Control Panel
RCR	Runway Condition Reading
RCRT	Refresh Cycle Response Time
RCS	Radar Cross Section
RCS	Remote Control System
RD	Risk Display
RD	Routing Domain
RDC	Routing Domain Confederation
RD-Channel	Random Data Channel
RDDII	Radio Digital Distance Magnetic Indicator
RDF	Radio Direction Finding
RDG	Radar Data Generator
RDH	Reference Datum Height
RDI	Radio Direction Indicator
RDI	Routine Domain Identifier
RDIF	Radar Data Interchange Format
RDL	Radial
RDM	Running Display Message

RDMI	Radio Distance Magnetic Indicator
RDO	Radio
RDP	Radar Data Processor
RDP	Roller Drive Power
RDPP	Radar Data Post Processor
RDPS	Radar Data Processing System
RDQC	Radar Data Quality Control
RDR	Radar Data Recording
RDR	Radar
RDSS	Radar Determination Satellite System
RDTE	Research, Development, Trials and Evaluation
RDU	Remote Display Unit
RE	Recent
REA	Ready Message
REACT	Rain Echo Attenuation Compensation Technique
Real	Real time
Real-time FDMD	Real-time Flight Data Processing Management and Distribution
REC	Recall / Recording
REC	Receive or Receiver
REC	Request EOBT Change
REC	Receive or Receiver
RecDPS	Recording Data Processing System
REDAN	Spanish Data Network
REDL	Runway Edge Light
REF	Reference
REF	Reference to . . . or Refer to.
REFGHMI	Reference generic HMI
REG	Registration
REG	Regulation
REG	Regulatory
REGUL	Regulation

REIL	Runway End Identifier Lights
REJ	Rejection Message
REJCTOT	Rejected Calculated Take-Off Time
REL	Release
RELCTD	Relocated
REM	Radio Emergency Module
REM	Roentgen Equivalent Man
REMOCO	Remote Control
REMP	Radar Replacement and Modernization Program
RENL	Runway End Light
REP	Report or Reporting
REP	Reporting Point
REP	Report or Reporting or Reporting Point
REP	Repellent
REQ	Request or Requested
RER	Rerouting
RER	Residual Error Rate
RERTE	Reroute
RES	Radar Environment Simulator
RESA	Runway End Safety Area
RESP	Response
RESPBY	Respond by
RESTQ	Recovery Stress Questionnaire
RESTR	Restriction
RESYNCING	Resynchronizing
RET	Airborne & ground retrofit
RET	Revised EOBT
RETD	Revised Estimated Time of Departure
REV	REVision / REVise
RF	Radio Frequency
RF	Radius to a Fix
RF	Constant Radius Arc to A Fix

RFCA	Panel on Route Facility, Cost Accounting and Cost Allocation
RFCP	Route Facility Costs Panel
RFEP	Radar Front End Processor
RFF	Radar Fall-back Facility
RFG	Radio Frequency Generator
RFI	Radio Frequency Interferences
RFI	Request For Information
RFI	Request For Improvement Message
RFL	Requested Flight Level
RFLNG	Refueling
RFLT	Radio Frequency Unit
RFM	Remote Field Monitor
RFP	Replacement Flight Plan
RFP	Request for Proposal
RFPD	Repetitive Flight Plan Data
RFPS	Radar data Front Processing System
RFQ	Request for Quotation
RFS	Radar Fallback System
RFS	Random Field Sequencing
RFU	Radio Frequency Unit
RG	Range
RGCSP	Review of General Concept of Separation Panel
RGIC	Ranging Integrity Channel
RGL	Regulatory Guidance Library
RGLTN	Regulation
RGS	Regional Ground Station
RGS	Remote Ground Station
RH	Radar Head
RH	Right Hand
RHC	Right-Hand Circuit
RHCP	Right Hand Circular Polarization

RHD	Radio Horizon Distance
RHEA	the Role of Human in the Evolution of Air Traffic Management
RHF	Ridiculously High Frequency
RI	Route Intercept
RIB	Routing Information Base
RIC	Radar Integration Control
RICE	RICE
RID	Review Item Description
RIF	Radio Interface
RIF	Reclearance in Flight
RIF	changes of routing to the changed destination aerodrome and/or changed destination aerodrome
RIF	Reclearance in Flight
RIG	Regional Implementation Group
RIME	Rime
RIME	Rime (Used in Aerodrome Warnings)
RIMS	Ranging and Integrity Monitoring Station
RINAL	Portuguese Data Network
RIRT	Russian Institute of Radio Navigation and Time
RIS	Relational Interface System
RISC	Reduced Instruction Set Computer
RISE	Retrieval and Interchange of Standards in Europe
RIT	RADNET Implementation and Integration Team
RITA	Replay Interface for TCAS Alerts
RITE	Right
RJC	Airspace Crossing Reject Message
RJT	Rerouting Rejection Message
RL	Report Leaving
RL	Runway Lights
RL	Report Leaving
RLA	Relay to

RLA	Relay to
RLB	Rolling Ball
RLBCS	Rolling Ball CallSign
RLCE	Request Level Change EnRoute
RLG	Ring Laser Giro
RLIM	Radar Data Line Interface Module
RLLS	Runway Lead-in Lighting System
RLNA	Requested Level Not Available
RLNA	Request Level Not Available
RLP	Remote Line Printer
RLSD	Released
RLSM	Reduced Lateral Separation Minimum
RLST	Revised List
RMA	Reliability, Maintainability, Availability
RMCD	Remote Master Control Desk
RMCDE	Radar Message Conversion and Distribution Equipment
RMCP	Radio Management Control Panel
RMCS	Remote Monitoring and Control System
RMI	Radio Magnetic Indicator
RMK	Remark
RMM	Remote Maintenance Monitoring
RMNDR	Reminder
RMP	Radio Management Panel
RMP	Required Monitoring Performance
RMPS	Radar Message Processing System
RMPs	Radio Management Panels
RMS	Root Mean Square
RMS Error	Root Mean Square error.
RMSpv	RMS peak value.
RMU	Radio Management Unit
RNAV	Area Navigation

RNC	Required Navigation Capability
RNDSG	Route Network Development Sub-Group
RNG	Radio Range
RNLAF	Royal Netherlands Air Force
RNP	Required Navigation Performance
RNP5	Required Navigation Performance 5
RNPC	Required Navigation Performance Capability/Criteria
RNPTF	Required Navigation Performance Task Force
RO	Router Function
ROBEX	Regional OPMET Bulletin Exchange
ROBEX	Regional OPMET Bulletin Exchange
ROBIN	Road billing network
ROC	Rate of Change
ROC	Rate of Climb
ROD	Rate of Descent
ROF	Request on Frequency
ROFOR	Route Forecast
ROI	Return on Investment
Role	Role-play
ROM	Read Only Memory
ROMATSA	Romanian Air Traffic Services Administration
ROMBULPO	Romania, Bulgaria and Poland
RON	Receiving Only
ROPA	RAPNET Operations and Planning Agreement
ROR	Range Only Radar
ROS	Route Orientation Scheme
ROSAS	Regional Organization of the Sequencing and Scheduling of Aircraft System
ROSE	Rational Object-oriented Software Engineering
ROSE	Remote Operations Service Element

Router	An ATN network layer gateway which performs the relaying and routing of data packets across inter-connecting subnetworks based on the source and destination network layer addresses and the desired quality of network service
ROZ	Restricted Operations Zone
RP	Radar Post
RP	Reporting Point
RPC	Regional Planning Criteria
RPDS	Reference Path Data Selector
RPF	Rapid Prototyping Facility
RPI	Radar Position Indicator
RPK	Revenue Passenger-Kilometer
RPL	Repetitive Flight Plan
RPL	Stored Flight Plan
RPLC	Replace or Replaced
RPM	Revenue Passenger-Miles
RPM / rpm	Revolutions Per Minute
RPS	Radar Position Symbol
RPS	Recording and Playback System
RPS	Radar Position Symbol
RPT	Regular proficiency Training
RPT	Repeat or Repeated
RPU	Radar Processing Unit
RPV	Remotely Piloted Vehicle
RPVD	Radar Plan View Display
RPY	Replay
RQ	Request
RQL	Request NOTAM List
RQMNTS	Requirements
RQN	Request NOTAM
RQP	Request for Flight Plan
RQP	Request Plan Message

RQP	Relations, Quality & Performance Team
RQP	Request Flight Plan
RQRD	Required
RQS	Request Supplementary Flight Plan
RQS	Request Supplementary Information Message
RQT	ReQuesTing
RR	Report Reaching
RR	Rapid Revision
RRA	Radar Recording Analysis
RRA	Delayed Meteorological Message
RRC	Recording Replay Computer
RREC	Repetitive Flight Plan Recovery Message
RRL	Runway Remaining Lights
RRN	Rerouting Notification Message
RRP	Remote Radar Post
RRP	Re-routing Proposal Message
RRR	Radar data Recording and Replay system
RRTEREF	Reroute Reference
RRTES	Reroutes
RRU	Remote Radio Unit
RRV	Referred Revision Message
RS	NASC providing Regional Support
RS	Radar System
RS	Reference Station
RS	Recommended Standard
RS NATS	Recruitment Services NATS
RSA	Radar Service Area
RSAP	RMCDE Service Access Point
RSAP	Replenishment Spares Acquisition Program
RSC	Rescue Sub-Center
RSCD	Runway Surface Condition
RSG	Research Study Group

RSG	Route Structure Group
RSI	Radiation Status Indicator
RSLS	Receiver Side Lobe Suppression
RSM	Radar Service Message
RSMC-Channel	Random System Management Control Channel
RSMTF	Radar Separation Minimum Task Force
RSO	Route per State Over-flown
RSOQ	Radar Stores Occupancy Query
RSP	Required System Performance
RSP	Responder Beacon
RSPD	Reported Speed
RSPL	Recommended Spare Parts List
RSR	Enroute Surveillance Radar
RSRE	Royal Signals and Radar Establishment
RSS	Radar Separation Standard
RSS	Radar Sub-System
RSS	Root, Sum, Square
RSSP	Radar Systems Specialist Panel
RST	Reset
Rstd	Restricted
RSURTF	RASS-S Upper Requirements TF
RSUS	RPL Suspension Message
RSV	Reserve
RSVN	Reservation
RSYD	Release Subject to Your Discretion
RT	Real Time
RT	Right Turn
RTA	Reduced Vertical Separation Minimum Transition Area
RTA	Remote Terminal Access
RTA	Required Time of Arrival
RTB	Radar Tool Box

RTC	Radio Transmission Control
RTC	Rudder Trim Control
RTCA	A private, non-profit organization that brings industry and government together to address the needs of the worldwide aeronautical community. RTCA originally stood for Radio Technical Commission for Aeronautics.
RTCA	Requirements and Technical Concepts for Aviation. See also in Part II RTCA
RTCA	A U.S. volunteer organization that develops consensus, technical guidance for FAA
RTD	Research and Development of Technologies
RTD	Delayed
RTE	Route
RTF	Radiotelephone
RTF or R/T	RTF or R/T
RTFM	Regulated Tactical Flight Model
RTG	Radio Telegraph
RTG	Radiotelegraph
RTHL	Runway Threshold Light
RTI	D-RVR Delivery Message
RTIS	Road Travel Information Services
RTLS	Return to Launch Site
RTMDE	RADNET Test Monitoring and Demonstration Equipment
RTN	Return or Returned or Returning
RTO	Reduced Take-Off and Landing
RTODAH	Rejected Take-off Distance Available, Helicopter
RTOS	Real Time Operating System
RTP	Radio Tuning Panel
RTPTS	RouTe PoinTS
RTQC	Real Time Quality Control
RTQC/A	Real Time Quality Control / Assessment
RTR	D-RVR Request Message

RTR	Remote Transmission / Receiver
RTS	Real Time Simulation
RTS	Return to Service
RTSE	Reliable Transfer Service Element
RTSIM	Real-Time Simulation
RTT	D-RVR Termination Message
RTT	Ready to Task
RTT	Radioteletypewriter
RTT	Radioteletypewriter
RTZL	Runway Touchdown Zone Light
RU	Russian Federation
RUF	Rough
RUG	RASS Users Group
RUT	Standard Regional Route Transmitting Frequencies
RV	Rescue Vessel
RVDT	Rotary Variable Differential Transducer
R-VKL	Radar controller
RVR	Runway Visual Range
RVRM	Runway Visual Range Midpoint
RVRR	Runway Visual Range Rollout
RVRT	Runway Visual Range Touchdown
RVSG	Reversing
RVSM	Reduced Vertical Separation Minimum of 300 m between FL 290 and FL 410 inclusive
RVSM	Reduced Vertical Separation Minimum
RVT	Rotational Variable Transformer
RW	Runway
RWEWP	Runway End Way-point
RWIWP	Runway Intercept Way-point
RWY	Runway
RWY WP	Runway Waypoint
RX	Receiver Station

SIERRA

1974

Civil Aviation Organization of Iran
AeroCommander 500
Sharjah, United Arab Emirates

s	seconds
S	South
S	Secondary or Supplementary
S	Symbol for sum
s	Symbol for Standard Deviation
S	South or Southern Latitude
S	State of the Sea
S	Second
S/C	Step Climb
S1	the future state
SA	Salivary Cortisol
SA	Satellite
SA	Selective Availability
SA	Separation Assurance
SA	Situational Awareness
SA	Skill Acquisition
SA	South African Airways
SA	Sand
SA Degradation	Selective Availability degradation
SAAM	System for Assignment and Analysis at a Macroscopic level
SAARU	Secondary Attitude/Air data Reference Unit
SAARU	Standby (Secondary) Attitude Air Data Reference Unit
SAC	Source Area Code
SAC	Strategic Air Command
SAC	System Assisted Coordination
SACEUR	Supreme Allied Commander Europe
SACHA	Separation and Control Hiring Assessment
SACLANT	Supreme Allied Commander Atlantic
SACON	Slovak Aeronautical Communication Network
SAD	System Architecture Document

SADIS	Satellite Distribution System
SADIS	Satellite Distribution of World Area Forecast System / ICAO Group
SAE	Society of Automotive Engineers
SAE	the Society of Automotive Engineers, Inc.
SAFER	Safety and Errors
SAFI	Safety Monitoring for Indicators
SAI	System Architecture Interface
SAIB	Special Airworthiness Information Bulletin
SAICO	Swedish Aeronautical Information Computer Aided system
SAL	Slot Allocation List
SALADT	Screening Angle Analysis Digitized Terrain
SALS	Simple Approach Light System
SALS	Simple Approach Lighting System
SAM	Slot Allocation Message
SAM	South American Region
SAMHS	Spanish Aeronautical Messages Handling System
SAMPE	Society for the Advancement of Material and Process Equipment
SAMSO	US Air Force Systems Command / Space and Missile Organization
SAMTF	Safety Assessment Methodology Task Force
SAN	Sanitary
SAN	Satellite Access Node
SANe	Skill Acquisition Network
SAP	Service Access Point
SAP	as Soon as Possible
SAP	As Soon As Possible
SAPPHIRE	Satellite and Aircraft Database Program for System Integrity Research
SAR	Search and Rescue
SAR	Stand-Alone Receiver

SAR	Synthetic Aperture Radar
SAR	Search and Rescue
SARP	Signal Automatic Radar Processing
SARPs	Standards and Recommended Practices
SARSAT	Search and Rescue Satellite Aided Tracking
SAS	Single Attachment Station
SAS	Scandinavian Airlines System
SASK	Name of an ATS Route reporting point
SASS	Surveillance Analysis Support System
SASS-C	Surveillance Analysis Support System - Center
SASS-S	Surveillance Analysis Support System - Sensor
SAT	Satellite
SAT	Simulation Assessment Team
SAT	Site (System) Acceptance Test
SAT	Static Air Temperature
SAT	Systems Approach to Training
SAT	Saturday
SAT	Static Air Temperature
SATCAS	Selenia Air Traffic Control Automated System
SATCNS	Satellite Communications Navigation and Surveillance
SATCNS WG	Satellite CNS Work Group
SATCO	Signal Automatic Control
SATCOM	Satellite Communications
SATNAV GNSS	Satellite Navigation Sub-Group
SATORI	Systematic Air Traffic Operations Research Initiative
SATS	Simulator System for Air Traffic Services
SATSA	Swedish ATS Academy
SAW	Surface Acoustic Wave Filter
SAWRS	Supplementary Aviation Weather Reporting Station
SB	Service Bulletin
SB	Southbound

SB	Service Bulletin
SBAS	Space/Satellite Based Augmentation System
SBAS	Satellite-Based Augmentation System
SBIR	Small Business Innovative Research
SBR	Spaceborne Radar
SBR	Self-Briefing
SBSR	Space Based Secondary Rada
SBT	Self-Briefing Terminal
SBU	Service Business Unit
SC	Sector Coordinator
SC	Security Council
SC	Senior Controller
SC	Single Click
SC	Special Corridor
SC	Stack Controller
SC	Standing Committee
SC	Stratocumulus
SC	Special Condition
SCAA	Slovenian CAA
SCAN	Swiss Data Network
SCAT	Supersonic Civil Air Transport
SCAT-1	Special Category 1
SCAT-1 Approach	Special Category 1 Approach
SCATANA	Security Control of Air Traffic and Air Navigation Aids
SCATCC	Scottish Air Traffic Control Center
SCC	Satellite Control Center
SCDT	Selected Controlled Departure Times
SCEAP	Steering Committee for External Assistance Projects
SCEPC	Senior Civil Emergency Planning Committee
SCF	System Card File
SCG	System Concept Group

SCIA	Simultaneous Converging Instrument Approaches
SCM	Spoiler Control Module
SCOATCC	Scottish Oceanic Air Traffic Control Center
SCORS	Surveillance Concepts and Operational Requirements
SCP	Support Computer Program
SCPC	Single Carrier per Channel
SCR	Scroll
SCRAD	Steering Committee for Research, Analysis and Development
SCS	Strategy Concept & System
SCSI	Small Computer-System Interface
SCT	Scattered
SCT	Surveillance Coordination Team
SCU	Satellite Communications Unit
SCU	Support CWP-Unit
SCU	Seat Control Unit
SCV	Sub-Clutter Visibility
SD	Serial Dialing
SD	Specialist Domain
SD	Standard Deviation
SDB	Static Data Bank
SDBY	Stand by
SDD	Software Design Document
SDD	Synthetic Data Display
SDDLC	System Design and Development Life Cycle
SDE	Senior Director EATM
SDE	System Development Environment
SDF	Simplified Directional Facility
SDF	Step Down Fix
SDG	Sensor Data Generator
SDI	Source Destination Identifier

SDL	Standard Distribution List
SDLC	Synchronous Data Link Control procedures
SDLS	Satellite Data Link System
SDM	System Definition Manual
SDO	Selected Display Option
SDO	Static Data Operations
SDO	Supplementary Display Option
SDOE	Senior Director Operations and EATCHIP
SDP	Second Development Project
SDP	Simulator Development Program
SDP	Software Development Phase
SDP	Software Development Plan
SDP	Surveillance Data Processing
SDPD	Surveillance Data Processing and Distribution
SDPDS	Surveillance Data Processing and Distribution System
SDPS	Surveillance Data Processing System
SDR	System Design Review
SDT	Stack Departure Time
SDT	Support, Development & Training Section
SDTF	SYSCO Development TF
SDU	Satellite Data Unit
SDU	Static Data Update message
SDV	Simulator Development
SD'xx'	Specialist Domain `number'
SE	South-East
SE	Strategy Element
SE	South-East
SEA	Sea
SEAT	Site Equipment Acceptance Test
SEB	South-Eastbound
SEB	Seat Electronics Box
SEB/ST	Seat Electronics Box with Self-Test

SEC	Seconds
SECAM	Safety, Efficiency and Capacity in ATM Methodologies
SECN	Section
SECRA	Secondary Radar
SECT	Sector
SEE	Software Engineering Environment
SEI	Standby Engine Instruments
SEL	Sector List Window
SEL	Selected
SELCAL	Selective Calling
SELCAL	Selective Calling System
SELREL	Selective Release
SEMP	Software Engineering Management Plan
SEP	Selective Employment Plan
SEP	Spherical Error Probable
SEP	September
SEQ	Sequence
SER	Service or Servicing or Served
SEROS	Semmerzake Radar Operating System
SES	Supplementary Equipment and Services
SESMA	Special Event Search and Master Analysis
SESY	Service Systems Section
SEU	Software Engineering unit
SEU	Seat Electronics Unit
SEV	Severe
SF	Scaling Factor
SFA	Special Flight Authorization
SFC	Surface
SFD	Start Frame Delimiter
SFL	Sequence Flashing Lights
SFL	Supplementary Flight Level

SFLA	Assign SFL
SFMC	Sickness Fund Management Committee
SFOR	Stabilization Force
SFPL	Short Flight Plan
SFPL	System Flight Plan Processing
SFT	Simplified Fast Time Simulations
SG	Snow Grains
SG	Safety Group
SG	Snow Grains
SG	Symbol Generator
SGAMI	Select Group for Assessing Manpower Issues
SGC	Swept Gain Control
SGCAS	Study Group on Certification of Automatic Systems
SGL	Signal
SGR	Study Group of the enlarged Committees for Route Charges
SGS 85	Soviet Geodetic System
SH	Shower
SHACC	SHAPE Airspace Coordination Center
SHANDAP	Shannon Data Processing
SHAPE	Supreme Headquarters Allied Powers Europe
SHAPE	Solutions for Human Automation Partnerships in European ATM
SHEL	Software, Hardware, Environment, Liveware
SHEL Model	Software - Hardware - Environment - Liveware Model
SHF	Super High Frequency
SHL	Saville and Holdsworth Ltd.
SHORAN	Short Range Navigation
SHVR	Shaver
SI	International System of Units
SI	Sector Indicator
SI	Selective Interrogator

SI	Situational Interview
SI	International System of Units
SIC	Sector Intercom
SIC	Source Identification Code
SIC	Subject Indicator Code
SICASP	Secondary Surveillance Radar Improvements and Collision Avoidance System Panel
SICT	System Implementation Coordination Team
SICTA	Italian Consortium for the Applied ATM Research
SID	Standard Instrument Departure
SID/STAR	Standard Instrument Departure / Standard Arrival Route
SIDMET	Information issued by meteorological watch office
SIE	Standard Interface Equipment
SIF	Selective Identification Feature
SIG	Significant
SIGMET	Significant Meteorological Information
SIGWX	Significant Weather
SIL	Sector Inbound List Window
SIM	Simulator / Simulation
SIM	Subscriber Identification Module
SIM-5	Simulation Modernization Project
SIMM	Symbolic Integrated Maintenance Manual
SIMMOD	Simulation Model
Simul	Simulation
SIMUL	Simultaneous or Simultaneously
SIO	Sector Input Operator
SIOP	Society for Industrial and Organizational Psychology, Inc.
SIP	Slot Improvement Proposal Message
SIR	Packed or Compacted Snow and Ice on Runway
SIRO	Simultaneous Intersecting Runway Operations

SIROCCO	Study of the Impact of Revised Operational Concepts on the CNS/ATM ODP Model
SIS	English Standard for Documentation
SIS	Signal in Space
SIS	Special Information System
SISG	Safety Improvement Sub-Group
SIT	Slot Issue Time Parameter
SIT	Software Integration Test
SIT	Subsystem Integration Test
SIT	System Integration Team
SITAP	Simulator for Transportation, Analysis and Planning
SITATEX	Software developed by SITA
SITD	Systems Integration and Test Department
SITS	Subsystem Integration and Test Station
SIWL	Single Isolated Wheel Load
SJA	Strategic Job Analysis
SKC	Sky Clear
SKED	Schedule or Scheduled
SKIP	SKIP a sector
SL	Sea Level
SL	Service Letter
SLA	Service Level Agreement
SLAP	Slot Allocation Procedures
SLAR	Side-Looking Airborne Radar
SLB	Side Lobe Banking
SLC	Side Lobe Cancellation
SLC	Slot Requirement Cancellation Message
SLI	Supplementary Level Inbound
SLM	Standard Length Message
SLO	Supplementary Level Outbound
SLOP	Strategic Lateral Offset Procedure

Slot	An arrival or departure time window reserved for a flight
SLP	Speed Limit Point
SLR	Satellite Laser Ranging
SLR	Slush of Runway
SLS	Satellite Landing System
SLS	Interrogation Side Lobe Suppression
SLT	Scheduled Landing Time
SLT	Slot Allocation
SLW	Sector Load Window
SLW	Selected Label Window
SLW	Slow
SM	Stack Manager
SMAA	Study for Mediterranean Area ADS
SMAE	Systems Management Application Entity
SMAN	Surface Management
SMART	Self-Managed Arrival Resequencing Tool
SMART	Simulator for Multi-radar analysis for realistic Trade / Traffic
SMART	Standard Modular Avionics Repair and Test
SMATSA	Serbia and Montenegro Air Traffic Services Agency Ltd
SMAW	Safe Minimum Altitude Warning
SMC	Station Monitoring and Control
SMC	Surface Movement Control
SMC	System Monitoring and Computer / Control
SMC	Systems Management Concept
SMC	Surface Movement Control
SMD	Storage Module Device
SMDE	Software Maintenance and Development Environment
SME	Subject Major/Matter Expert
SMEQ	Subjective Mental Effort Questionnaire

SMGC	Surface Movement Guidance and Control
SMHI	Swedish government owned MET Institute
SMI	Special Message Identifier
SMI	Stakeholder Relations Management and International Coordination
SMIDTS	Synthetic Movings Image Didactic / Tower Control Simulator
SMITF	Safety Monitoring and Improvement Task Force
SMM	Safety Management Manual
SMM	Sector Monitor Message
SMM	Slot Missed Message
SMR	Surface Movement Radar
SMS	Safety Management System
SMT	Station Management
SMT	Surface Mount Technology
SMTP	Simple Mail Transfer Protocol
SMX	Sub-Multiplexer
SN	Brussels Airlines
SN	System Notam
SN	Snow
SN	Sign
SN, S/N	Signal-to-Noise
SNA	Satellite Navigation Application
SNA	System Network Architecture
SNAcF	Subnetwork Access Function
SNAcP	Subnetwork Access Protocol
SNASG, SNA-SG	Satellite Navigation Applications Sub- Group
SNBNK	Snowbank/s Caused by Plowing
SNDC	SubNetwork Dependent Convergence Function
SNDCF	SubNetwork Dependent Convergence Facility
SNET	Safety Nets
SNGL	Single

SNICF	Subnetwork Independent Convergence Function
SNIR, S/N	Signal-to-noise ratio
SNME	Subnetwork Management Entity
SNMP	Simple Network Management Protocol
SNOCLO	Aerodrome Closed Due to Snow
SNOWTAM	A special series NOTAM notifying the presence or removal of hazardous conditions due to snow, ice, slush or standing water associated with snow, slush and ice on the movement area, by means of a specific pro forma.
SNOWTAM	Special Series NOTAM Notifying the Presence or Removal of Hazardous Conditions Due to Snow, Ice, Slush or Standing Water Associated with Snow, Slush and Ice on the Movement Area, by Means of A Specific Format
SNPA	Subnetwork Point of Attachment
SNPRM	Supplemental Notice of Proposed Rulemaking
SNR	Signal-to-Noise Ratio
SO	Specialist Objectives
SO	Standards Office
So	the Present
SO	Shut-Off
SO	Standard Option
SOC	Start of Climb
SOC	System / Sector Operations Center
SOC	Start of Climb
SOC-ARC	Safety Oversight and Certification Aviation Rulemaking Committee
SOF	Stand-alone Operations Facility
SOGITS	Senior Official Group in IT Standardization
SOIR	Simultaneous Operations on parallel Instrument Runways
SOL	Sector Outbound List
SOP	Standard Operating Procedures
SOPA	Standard Operating Procedure Amplified

SOR	State of Readiness
SOS	Systems Operations Section
SOTA	South Oceanic Transition area
SOV	Shut Off Valve
SOW	Statement of Work
SP	Space
sp	Ground Speed
SP	Service Provider
SP	Special Purpose
SP	Special Point
SP	Standard Precision
SP	Succession Planning
SP	System Parameter
SPA	Slot Improvement Proposal Acceptance Message
SPACDAR	Specialist Panel on Automatic Conflict Detection and Resolution
SPAF	Strategic Performance Analysis and Forecast
SPAS	Sensor Performance Analysis Standard
SPD	Speed, Speed Mode
SPD	Speed
SPECI	Aerodrome Special Meteorological Report
SPECI	Aviation Selected Special Weather Report
SPECIAL	Special Meteorological Report
SPF	Scratch Pad Field
SPG	Special Planning Group
SPI	Special Pulse Identification
SPI	Special Position Indicator
SPL	System Flight Plan / Supplementary Flight Plan
SPL	Splice List
SPM	Stabilizer Position Module
SPMP	Software Project Management Plan
SPN	Short Plan Input

SPO	Special Project Office
SPO	Strategic Plan of Operation. See SPT
SPOC	SAR Point in Contact
SPOC	SAR Point of Contact
SPORA	Specialist Panel on Operational Research and Analysis
SPOT	Spot Wind
SPR	Strip Printer
S-P-R-c	Stimuli, Processing, Response, controlled executive
SPS	Sensor Processing Subsystem
SPS	Siemens Plessey Systems
SPS	Standard Positioning Service
SPS	STDMA/VDL Mode 4 Performance Simulator
SPSS	Statistical Package for the Social Sciences
SPT	Strategic Planning Team. the Strategic Planning Team acts as a focal point for the development of collaborative Strategic Plans of Operation.
SQ	Squalls
sq. in.	Square Inch
sq-cm	cm^2
SQE	Software Quality Engineer
SQL	Squall Line
SQL	Structured Query Language
SQS	Safety, Quality Management, and Standardization
SQU	Squelch
SR	Study Report
SR	Sunrise
SR-30	30 Minutes before Sunrise
SRA	Surveillance Radar Approach
SRA	Special Rules Area
SRA	Surveillance Radar Approach
SRB	Solid Rocket Booster
SRC	System Requirements Document

SRD	System Research and Development
SRDTF	System Research and Development Task Force
SRE	Slant Range Error
SRE	Surveillance Radar Element of GCA
SRE	Surveillance Radar Element of Precision Approach Radar System
SRG	Safety Regulation Group
SRG	Short Range
SRI	Stanford Research Institute
SRI	System Replay and Investigation
SRJ	Slot Improvement Proposal Rejection Message
SRM	Sector Revision Message
SRM	Slot Revision Message
SRM	Stabilizer Trim/Rudder Ratio Module
SRP	Selected Reference Point
SRP	Slot Reference Point
SRP	Slot Revision Proposal
SRQ	Slot Request
SRR	Search and Rescue Region
SRR	Slot Revision Request
SRR	System Requirements Review
SRR	Search and Rescue Region
SRS	Standard Routing Scheme
SRS	System Requirements Specification
SRSG	Safety Regulation Sub-Group
SRT	Single Radar Tracker
SRT	Sort Route Transparent
SRU	Safety Regulation Unit
SRU	Shop Replaceable Unit
SRV	Server
SRY	Secondary
SRZ	Special Rules Zone

SS	Sand Storm
SS	Sector Supervisor
SS	Sunset
SS+30	30 Minutes after Sunset
SSA	Smallest Space Analysis
SSA	System Safety Assessment
SSALF	Simplified Short Approach Lighting with Sequence Flashers
SSALR	Simplified Short Approach Lighting with Runway Alignment Indicator Lights
SSALS	Simplified Short Approach Lighting System
SSAP	Source Service Access Point
SSAP Selector	Session Service Selector
SSB	Single Side Band
SSD	Synthetic Situation Display
SSDD	System/Segment Design Document
SSDG	Surveillance Strategy Drafting Group
SSE	South-South-East
SSE	Sum of Squared Errors
SSE	South-South-East
SSEC	Static Source Error Correction
SSFDR	Solid-State Flight Data Recorder
SSGHI	Surveillance Sub-Group on Harmonization and Implementation
SSGS	Surveillance Sub-Group on Standards
SSGT	Surveillance Sub-Group on Tools
SSM	Sign Status Matrix
SSM	Standard Schedules information Manual
SSM	System Surveillance and Maintenance
SSO	STAR Support Office
SSP	Secondary Spare Part
SSP	Sole Source Procurement
SSP	Source Selection Panel

SSPA	Solid State Phased Array
SSPSG	Structures for Service Provision Sub-Group Level Group: Single European Sky
SSR	Secondary Surveillance Radar
SSR	Software Specification Review
SSR	Solid State Relay
SSR	Secondary Surveillance Radar
SSR Mode S	Selective Address SSR
SSRBRIGH	Highlight set code to target
SSRC	Current SSR Code
SSS	Source Select Switch
SSS	System/Segment Specification
SSSP	EU Subgroup on Structures for Service Provision
SST	Supersonic Transport
SSTS	Space Surveillance and Tracking System
S-SUP	Sector Supervisor
SSW	South-South-West
ST	Specialist Task
ST	Stratus
ST, S/T	Short-Term
STA	Sequence / Scheduled Time of Arrival
STA	Straight-in Approach
STAB	Stabilizer
STAC	Second Time Around Clutter
STANAG, Stanag	Standardization Agreement
STANINE	Standard Nine Score
STANLY	Statistics and Analysis
STANS	Simulation facility of a Total Air Navigation System
STAR	Second Time Around Returns
STAR	Self-Test and Repair
STAR	Standard Terminal Arrival Route

STAR	Studies, Tests and Applied Research
STAR	Surface to Air Recovery
STAR	Standard Terminal Arrival Route
STAR	Standard Instrument Arrival
STARS	Surveillance and Tracking Attack Radar System
START-OVER	Process of putting in action the COLD- STANDBY
STAT	Second-Time-Around Targets
STAT	Statistics
STATFOR	Specialist Panel on Air Traffic Statistics & Forecasts
STB TF	Short-Term Benefits Task Force
STC	Sensitivity Time Control
STC	SHAPE Technical Center
STC	Short Time Constant
STC	Simulation Technical Coordinator
STC	Steering Committee
STC	Supplemental Type Certificate
STCA	Short-Term Conflict Alert
STCD	Short-Term Conflict Detection
STCM	Stabilizer Trim Control Module
STCW	Short-Term Conflict Warning
STD	Scheduled Time of Departure
STD	Software Technical Designer
STD	Standard
STDMA	Self-organizing Time Division Multiple Access
STEP	Social, Technological, Environmental and Political
STEPCLB	StepClimb
STF	Selection Task Force
STF	Stratiform
STF ARTAS, 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
STF-SDPS	Surveillance Task Force on Surveillance Data Processing Systems
STFSPAS	Surveillance Task Force on the Sensor Performance Analysis Standard
STFTE	Special Task Force of Training Experts
STFTV	Surveillance Task Force on Transponder Verification
STG	Eurocontrol Standards Group. See SSGS
ST-ICD	Short-Term Interface Control Document
STLP	ATS Selection Training and Licensing Panel
STMP	Special Traffic Management Program.
STN	Station
STNR	Stationary
STNR	Status
STOA	Scientific and Technological Options Assessment
STOL	Short Take-Off and Landing
STORIA	Simulation Tool for Online Recording and Analysis
STP	Shielded Twisted Pair or Software Rest Plan
STP	Software Test Plan
STP	Standardized Training Package
STR	Software Test Report
STRANGE	Simplified Trajectory Generator
STRAT	Strategic Planning System
STRATPLAN	Strategic Planning Meeting
STS	Stand-by Telephone System
STS	Status

StS	Support to States
STS	Status
STT	Studies, Tests and Trials
STTR	Small Business Technology Transfer Resources
STU	Selected Trajectory Update
STUD	Innovative studies
STWL	Stopway Lights
SUA	Special Use Airspace
SUATMS	Single Unified ATM System
SUBJ	Subject to
SUC	Start-Up Controller
SUCT	Surveillance analysis and Calibration Tools
SUDP	Surveillance data Processing
SUMI	Software Usability Measurement Inventory
SUN	Sunday
SUP	Supervisor
SUP	Supplement
Sup. Pract.	Supervised Practices
SUP/ACC	Supervisor Area Control Center
SUP/APP	Supervisor Approach
SUP/MIL	Supervisor military
SUP-NUM	Supernumerary
SUPPS	Regional Supplementary Procedures
SUPSIS	Supervisor
SUR	Surveillance
SURT	Screen Update Response Time
SURT	Surveillance Team
SurvITE	Surveillance Integrated Tested for EATMS
SV	Secure Voice
SV	Space Vehicle
SVC	Service
SVC	Switched Virtual Circuits

SVC	Service Message
SVCBL	Serviceable
SVFR	Special VFR
SVID	System V Interface Definition
SVN	Satellite Vehicle Number
SVP	Supervisor
SVRWX	Severe Weather
SVS	Synthetic Vision System
SVU	Seat Video Unit
SVVP	Software Verification and Validation Plan
SW	South-West
SW, s/w	Software
SWAP	Severe Weather Avoidance Procedure
SWAT	Subjective Workload Assessment Technique
SWB	South-Westbound
SWCI	Software Configuration Item
SWDL	Software Data Loader
SWEPT	Swept or Broom
SWG	Simulation Working Group
SWI	Swisscontrol Interface
SWIFT	Specifications for Working positions in Future Air Traffic Control
SWIM	System-Wide Information Management
SWL	Sidewall
SWM	SIP Wanted Message
SWORD	Subjective WORkload Dominance technique
SWOT	Strength, Weaknesses, Opportunities and Threats
SWP	Software Simulation Package
SWP	Support Working Position
SWS	Software Service
SWY	Stopway

SXCOP	Sector Exit Coordination Point
SYCA	System Capacity
SYCO	System Configuration
SYMA	System Manager
Sync.	Synchronous
SYSCIMIC	System supported Civil/Military Coordination
SYSCO	System Supported Coordination
SYSEVAL	System Evaluation

T

TANGO

1978

Iran Atomic Energy Organization
Dassault Falcon 20
Unknown Location

t	Tons
T	Tesla / Terminal
T	Temperature
t	Symbol for time
T	Temperature
T	True
t.b.d.	to be decided / discussed
T/C	Top-of-Climb
T/D	Top-of-Descent
T/M	Torque Motor
T/O	Takeoff
T/R	Thrust Reverser
TA	Task Analysis
TA	Test Area
TA	Time of Arrival
TA	Traffic Advisory
TA	Transition Action
TA	Transition Altitude
TA	Traffic Advisory
TA	Transition Altitude
TA/H	Turn at An Altitude/Height
TAA	Terminal Arrival Area
TAA	Track Accuracy Analysis
TAA	Terminal Arrival Altitude
TAAM	Total Airspace and Airport Modeler
TACAN	Tactical Air Navigation
TACAN	UHF Tactical Air Navigation System
TACH	Tachometer
TACIS	Technical Assistance to the Community of Independent States
TACOT	TACT Automated Command Tool
TACOT	Tactical Operational Tool

TACT	Tactical Computer System
TACT	Tactical Flow Management Working Position
TACT data	Data required by or output by the CFMU TACT system
TAD	Target Audience Description
TADIL	Tactical Distribution List
TAF	Terminal Area Forecast
TAF	Aerodrome Forecast
TAFEI	Task Analysis For Error Identification
TAG	Transitional Airport Group
TAI	International Atomic Tim
TAI	Thermal Anti-Ice
TAIL	Tail
TAIL	Tail Wind
TAIS	Total Aircraft Information System
TALK	VCS Upgrade Program / System
TAM	Technical Acknowledgement Message
TAMP	Turkish ATC Modernization Project
TAMS	Total Airport Management System
TAP	Terminal Area Productivity
TAR	Terminal Area Radar
TAR	Trials ATN Router
TAR	Terminal Area Surveillance Radar
TARA	Terminal Area RNAV Applications Task Force
TARAD	Tracking Asynchronous Radar Data
TARE	Telegraphic Automatic Relay Equipment
TARTAR	ATS Route Structure between Armenia, Azerbaijan, Georgia, Iran, Turkey
TAS	Traffic Advisory System
tas / TAS	True Airspeed
TASC	the Analytical Science Corporation
TAT	Total Air Temperature

TATCA	Terminal ATC Automation
TATCI	Tallinn ATC Improvement project
T-ATSU	Transferring ATS Unit
Tau	Range / Range rate
TAWS	Terrain Awareness and Warning System
TAX	Taxi or Taxiing
TB	Tellback
TBA	Tellback Area
TBA	To Be Advised
TBD	To Be Determined
TBN	To Be Notified
TBO	Time between Overhauls
TBS	Telephone Back-up System
TBS	to Be Specified
TBT	Management Touch Base Teleconference
TBV	Turbine Bypass Valve
TC	Typical Changes
TC	Tactical Controller
TC	Transit Corridor
TC	Transition Concept
TC	Tropical Cyclone
TC	Type Certificate
TC/OC	Technical Control and Operational Control
TCA	Terminal Conflict Alert
TCA	Terminal Control Area
TCA	Track Continuity Area
TCA	Track-to-Chain Association
TCA	Traffic Count Area
TCA	Turbine Cooling Air
TCAC	Tropical Cyclone Advisory Center
TC-APD	Tactical Controller Activity Predictor Display
TCAS	Traffic Alert and Collision Avoidance System

TCAS	Traffic Collision Avoidance System
TCAS RA	Traffic Collision Avoidance System Resolution Advisory
TCB	Training Coordination Board
TCC	Thrust Control Computer
TCC	Traffic Control Center
TCC	Turbine Case Cooling
TCDP	Technical Control Data Processor
TCH	Threshold Crossing Height
T-Channel	Time Division Multiple-Access Channel
TCL	Terminal Control
TCOP	Transfer Coordination Point
TCP	Transmission Control Protocol
TCP / IP	Transmission Control Protocol / Internet Protocol
TCPU	Touch Panel Central Processing Unit
TCT	Technical Control Terminal
TCU	Towering Cumulus
TCWP	Threshold Crossing Way-point
TDA	Track Detection Analysis
TDB	Track Data Block
TDCE	Telephone Distribution and Control Equipment
TDCP	Test Display and Control Panel
TDD	Time Division Duplex
TDF	Total Delayed Flights
TDF	Training and Development Facility
TDH	Training Development and Harmonization
TDL	Time Delay Logic
TDM	Time Division Multiplexing
TDM	Total Delay in Minutes
TDMA	Time Division Multiple Access
TDO	Tornado
TDOP	Time Dilution of Precision

TDR	Target Data Receiver
TDR	Track Drop Rate
TDR	Traffic Data Record
TDS	Tactical Data System
TDS	Test and Development Sector
TDSP	Training Documentations and Special Projects
TDWR	Terminal Doppler Weather Radar
TDX	Torque Differential Transmitter
TDZ	Touchdown Zone
TDZ LGT	Touchdown Zone Lights
TDZL	Touchdown Zone Lights
TE	Time of Entry
TEC	Technical ATM Systems and Logistics Support
TEC	Total Electron Content
TEC, TECH	Technical
TECR	Technical Reason
TEL	Telephone
TELIA	Telecommunications Provider
TEMP	Temperature
TEMP	Test and Evaluation Master Plan
TEMPLE	Terminal Management and Planning Equipment
TEMPO	Temporary or Temporarily
TEN	Trans European Network
TEND	Trend Forecast
TEPS	Trajectory Editor and Problem Solver
TER	Terminated
TERM	Blk Terminal Block
TERPS	Standard for Terminal Instrument procedures
TES	Trials End System project
TF	Task Force or Touch Field
TF	Track to Fix
TFA	Test Flight Analysis

TFACS	Task Force on Assessment Center Standards
TFB	Total force branch
TFC	Traffic
TFCCC	Task Force Common Core Content
TFD	Thin Film Diode
TFDATS	Delegation of ATS Task Force
TFIS	Traffic Flow Investigation System
TFM	Traffic Flow Management
TFR	Temporary Flight Restriction
TFR	Tactical Flight Record
TFT	Thin Film Transistor
TFTR	Terrain Following Training Route
TFTS	Terrestrial Flight Telephone System
TF-TTM	TF on Technology Based Training Tools and Methods
TFV	Traffic Volume
TG	Task Group
TGDLP	Trials Ground Data Link Processor
TGF	Traffic Growth Factor
TGL	Temporary Guidance Leaflet
TGL	Touch-and-Go Landing
TGS	Taxiing Guidance System
TGT	Target
TGT	Turbine Gas Temperature
TH-CSF	Thomson CSF
THD	Total Harmonic Distortion
THDG	True Heading
THN	Thin
THR	Threshold
THR	Thrust
THRL	Threshold Lights
THRU	Through
THSHD	Threshold

THU	Thursday
TIA	Traffic Information Area
TIAS	True Indicated Airspeed
TIBA	Traffic Information Broadcast by Aircraft
TICTAC	Time Constrained Trajectory Computation: Trajectory predictor
TID	Touch Input Device
TIDE	Tactical and IFPS Development Environment
TIDmn	Track Initiation Delay Mean
TIDsd	Track Initiation Delay Standard Deviation
TIL	Until
TIM	Transfer Initiation Message
TIMERS	Traffic Intelligence for the Management of Efficient Runway Scheduling
TIP	Touch Input and Display Panel
TIP	Until Past
TIP	Technical Implementation Procedures
TIS	Time to Insert the Sequence
TIS	Traffic Information Service or Sector
TITLE	Message Name
TIZ	Traffic Information Zone
TKE	Track Angle Error
TKOF	Take-Off
TKX	Crosstell Tracker
TL	Tans Mediterranean Airways
TL	Transition Line
TL	Traverse Level
TL	Till
TL	Tilt
TL…	Until
TLA	Title Line Area
TLA	Thrust Lever Angle

TLOF	Touchdown and Lift-Off Area
TLPD	Traffic Load Prediction Device
TLS	Tactical Load Smoother
TLS	Target Level of Safety
TLV	Type Length Value
TLX	Task Load Index
TM	Traffic Management
TMA	Terminal Maneuvering Area; Terminal Control Area
TMA	Traffic Management Advisor
TMA	Terminal Control Area
TMA-TC	TMA Tactical Controller
TMC	Technical Monitoring and Control
TMC	Terminal Control Center
TMC	Thrust Management Computer
TMCS	Technical Maintenance and Control System
TMCS	Technical Monitoring and Control System
TMCU	Tower Main CWP Unit
TMF	Thrust Management Function
TMPA	Traffic Management Program Alert
TMRR	Temporary Minimum Disk Route
TMS	Tele Management System
TMS	Tools Manager Server
TMS	Traffic Management System
TMS	Thrust Management System
TMSSG	Top Management Structure Sub-Group
TMU	Traffic Management Unit
TN	Track Number
TN	Trajectory Negotiation
TN	True Negative
TN	True North
TN	Minimum Temperature
TNA	Turn Altitude

TNAV	Time Navigation
TNH	Turn Height
TO	Takeoff
TO	Technical Order
TO	Time Over
TO	to
TO EPR	Take Off Engine Pressure Ratio
TO Nl	Takeoff Engine Fan Speed
TO/GA	Take Off /Go Around
TOA	Terms of Agreement
TOAST	Team Oriented ATC Simulator Training
TOAST	Technical, Operational and System Tests
TOC	Technical Operators Center
TOC	Transfer of Control
TOC	Top of Climb
TOD	Top of Descent
TODA	Take-Off Distance Available
TODAH	Take-Off Distance Available, Helicopter
TOGA	Takeoff/Go-Around
TOP	Cloud Top
TOPL	Take Off Performance Limits
TOR	Briefing System
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	Traffic Orientation Scheme
TOSCA	Testing Operational Scenarios for Concepts in ATM
TOT	Take-Off Time
TOT	Time Over Target
TOT	Total
TOWP	Take Off Waypoint

TOX	Toxic
TP	Trajectory Prediction; Transport Protocol
TP	Turning Point
TP	True Positive
TP-4	Transport Protocol, class 4
TPAS	Trajectory Predictor based Aircraft Simulator
TPD	Transition Program Description
TPDR	Transponder
TPDU	Transport Protocol Data Unit
TPINS	Transition Plan for the Implementation of the Navigation Strategy
TPIS	Tire Pressure Indication System
TPL	Task Priority List
TPL	Transport Layer
TPMU	Tire Pressure Monitor Unit
TPS	A mono-radar track format
TPT	Touchdown Point
TQM	Total Quality Management
TR	Test Report
TR	Track
TR	Torque Receiver
TR	Transformer Rectifier
TRA	Required Time for Arrival
TRA	Temporary Reserved Airspace/Area
TRA	Traffic
TRA	Thrust Reduction Altitude
TRA	Temporary Reserved Airspace
TRA	Thrust Resolver Angle
TRACON	Terminal Radar Approach Control
TRAINDEV2	Integrated Eurocontrol Training Design Tool
TRAMON	Traffic Monitoring
TRANS	Transition or transmit or transmitter

TRANS	Transmits or Transmitter
TRANSCOM	French public telecommunication network
TRAP	Technical Review and Audit Plan
TRB	Tracker Ball
TRB	Transportation Research Board
TRC	Thermotic Rotor Control
TRD	Transit Routing Domain
TREE	Transit Radiation effects on Electronic Equipment
TREN	Transport and Energy
TREND	Trend Forecast
TRF	Total Regulated Flights
TRG	Training
TRK	Track
TRL	Transition Level
TRM	Team Resource Management
TRML	Terminal
TRMTFII	Team Resource Management Task Force II
TRNG	Training
TROL	Tapeless, Rotorless on Line
TROP	Tropopause
TRP	Thrust Rating Panel
TRR	Test Readiness Review
TRS	Time to Remove from the Sequence
TRSB	Time Reference Scanning Beam
TRSN	Transition
TRU	True
TRU	Transformer Rectifier Unit
TRUST	Terminal Routes Using Speed-Control Techniques
TRY/PFL	Try Input of Planned Flight Level
TS	Technical Specification
TS	Technical Supplement
TS	Test Specification

TS	Thunderstorm
TS	Track Server
TS	Transport Service User
TS	Terminal Strip
TSA	Temporary Segregated Area
TSAP	Transport Service Access Point
TSCU	Tower Support CWP Unit
TSD	Time Sequence Diagram
TSD	Traffic Situation Display
TSDD	Test Synthetic Dynamic Display
TSDF	Time Slot Duty Factor
TSDG	Technical and System Development Group
TSE	Total System Error
TSG	Training Sub-Group
TSGE	Tri-Service Group on Communications and Electronics
TSIKADA	Russian four-satellite civil navigation system
TSIKADA-M	Russian six-satellite military navigation system
TSNT	Transient
TSO	Technical Service/Standard Order
TSO	Time Sharing Option
TSO	Technical Standard Order
TSP	HRS Training Sub-Program
TSR	Terminal Surveillance Rada
TSr	Track Swop Rate
TSRV	Transport System Research Vehicle
TSS	Target Software Server
TSS	Traffic Sub-System
TST	Test
TST	Trajectory Support Tool
TSTMS	Thunderstorms
TSU	Technical Support Unit

TSUNAMI	Tsunami
TT	Teletypewriter
TT	Total Temperature
TTA	Tactical Training Area
TTC	Telemetry and Telecommand Center
TTF	Total Flights
TTG	Time to Go
TTL	Transistor-Transistor Logic
TTP	TCAS II Transition Program
TTR	Target Tracking Radar
TTS	Time to Station
TTS	Trails Transport Service
TTW	Time to Waypoint
TTY	Teletype Telex Machine
TU	Temps Universal
TUE	Tuesday
TUF	Turkish air force
TUM	Time Update Message
TURB	Turbulence
TV	Television
T-VASIS	T Visual Approach Slope Indicator System
TVE	Total Vertical Error
TVOR	Terminal VOR
TWDL	Two-Way DataLink
TWG	Training Working Group
TWI	Terminal Weather Information
TWIP	Terminal Weather Information for Pilots
TWN	Tactical Weather Network
TWP	Technical Work Program in the Air Navigation Field
TWR	Tower Control Unit
TWR	Aerodrome Control Tower or Aerodrome Control
TWS	Technical Watch Supervisor

TWS	Terminal Weather Service
TWS	Track While Scan
TWT	Travelling Wave Tube
TWY	Taxiway
TWYL	Taxiway Lights
TWYL	Taxiway Link
Tx	Next waypoint ETA
Tx	Teletype
TX	Transmitter Station
TX	Maximum Temperature
TX	Indicator For Maximum Temperature
TX	Maximum Temperature
TX	Torque Transmitter
TX / RX	Transmitter / Receiver
TXT	Text
TXWY	Taxi Way
TYP	Type of Aircraft
TYP or TYPE	Aircraft Type
TYPH	Typhoon

U

UNIFORM

1978

Tehran Traffic Police
Bell 206 JetRanger
Fort Worth, Texas, United States

U	Upward
U/L	Upper / Lower - Upper Link
U/S	Unserviceable
UA	Unmanned Aircraft
UAB	Until Advised by
UAC	Upper Area Control
UACC	Upper Airspace Control Center
UAP	User Application Profile
UAR	Upper Air Route
UAS	Upper Airspace
UAS	Unmanned Aircraft System
UAV	Unmanned Aerial Vehicle
UCDU	Universal Control and Display Unit
UDA	Upper Advisory Area
UDF	Ultra-High Frequency Direction Finding
UDF	Unducted Fan
UDRE	User Differential Range Error
UEATMS	Uniform European Air Traffic Management System
UERE	User Equivalent Range Error
UFF	Ultimate Fallback Facility
UFN	Until Further Notice
UFO	Unidentified Flying Object
UHDT	Unable Higher Due Traffic
UHF	Ultra-High Frequency [300 to 3 000 Mhz]
UIC	Unit Identity Code UIC
UIC	Upper Information Center
UIECS	Union of International and European Civil Servants
UIMS	User Interface Management System
UIR	Upper Information Region
UIR	Upper Flight Information Region
UIVE	User Ionospheric Vertical Range
UKAATS	UK Advanced ATS

UKD	Upgrade ZKSD and coupling with DERD-X
Ukraviatsia	Ukrainian State Aviation Administration
UkSATSE	Ukrainian State Air Traffic Services Enterprise
UL	Ultra-Light glider
UL	Upper Link or Uplink
ULM	Ultra-Light Motorized
ULR	Ultra-Long Range
UMA	Unmanned Aircraft
UNA	Unable
UNAP	Unable to Approve
UNAVBL	Unavailable
UNHCR	United Nations High Commissioner for Refugees
UNICOM	Aeronautical Advisory Service
UNINC	Unusual Incidents
UNL	Unlimited
UNLGT	Unlighted
UNLK	Unlock
UNMKD	Unmarked
UNMNT	Unmonitored
UNO	United Nations Organization
UNREL	Unreliable
UNT	Until
UNUSBL	Unusable
UP	Unidentified Precipitation
UPD	Update Plan Divergence
UPP	Upper airspace
UPS	Uninterrupted Power Supply / System
UPSEL	Update Selection
URA	User Range Accuracy
URANIA	Upgrading Athens Terminal Area and Interfacing to the PALLAS ACC system
URB	User Relations Bureau

URD	User Requirements Document
URE	User Range Error
URET	User Request Evaluation Tool
URG	Urgency
URP	User Requirements Phase
URTF	User Requirements Task Force
USAF	United States Air Force
USAREUR	US Army in Europe
USART	Universal Synchronous / Asynchronous Receiver / Transmitter
USCG	United States Coast Guard
USD	US Dollar
USG	US Government
USMC	United States Marines Corps
USNO	US Naval Observatory
UT	Universal Time
UTA	Upper Control Area
UTA	Upper Transition Area
UTC	Universal Time Coordinates
UTC	Coordinated Universal Time
UTP	Unshielded Twisted Pair
UUP	Updated Use Plan
UVA	Utility Value Analysis

VICTOR

1978

Air Service
Fairchild Hiller FH-227
Munich, Germany

V	Velocity
V	Volt
V	Variations From the Mean Wind Direction
V&V	Validation & Verification
V/M	Volts-per-meter
V/S	Vertical Speed
V/STOL	Vertical or Short Take-Off and Landing
V/TRK	Vertical Track
V1	Take-off decision speed
V2	Minimum take-off safety speed at 35’
V2	Takeoff Climb Velocity
VA	Heading to an Altitude
VA	Design Maneuvering Speed
VA	Vulcanic Ash
VAA	Value Added Applications
VAAC	Volcanic Ash Advisory Center
VAC	Volts, Alternate Current
VAC	Visual Approach Chart
VAFOR	Very Advanced Flight Data Processing System Operational Requirement
VAFORIT	VAFOR Implementation
VAL	in Valleys
VALFAC	Validation Facility
VAN	Value Added Network
VAN	Runway Control Van
VAP	Visual Aids Panel
VAP	Volumetric Airspace Penetration
VAPS	Virtual Applications Programming Software
VAPS	Visual Approaches
VAQ	VHF Avionics Qualification
VAR	Variation Magnetic
VAR	Volt-Amps Reactive

VAR	VCS, Ancillaries and Remote-control system
VAR	Visual-Aural Radio Range
VAR	Magnetic Variation
VAR	Visual-Aural Radio Range
VAR	Magnetic Variation
VAS	Vienna ATCC Data Processing System
VAS	Vortex Advisory System
VASI	Visual Approach Slope Indicator
VASIS	Visual Approach Slope Indicator Systems
VAT	Value Added Tax
VAW	Vertical Assistance Window
VBF	Flaps up minimum buffet speed at current maneuver load factor minus altitude dependent variable
VBV	Variable Bypass Valve
VBX	Visual Basic Extensions
VC	Design Cruising Speed
VC	in Vicinity
VC	Virtual Circuit
VC	Vicinity of the Aerodrome
VCC	Video Control Center
VCCS	Voice Communication and Control System
VCI	Voice Change Instruction
VCMAX	Active Maximum Control Speed
VCMIN	Active Minimum Control Speed
VCO	Voltage Controlled Oscillator
VCR	Visual Control Room
VCRI	Verification Cross Reference Index
VCS	Voice Communications System
VCSS	Voice Communications Switching System
VCSTF, VCS-TF	Voice Communications System Specification Task Force
VCY	Vicinity

VD	Design Diving Speed
VD	Heading to a DME Distance
VD	Vertical Disperse
VDC	Volts, Direct Current
VDC	Direct Current Voltage
VDEV	Vertical Deviation
VDF	VHF Direction Finder
VDF	Very High Frequency Direction-Finding Station
VDGS	Visual Docking Guidance System
VDL	VHF Digital/Data Link
VDL/4	VHF Self-organizing TDMA Data Link Mode 4
VDOP	Vertical Dilution of Precision
VDP	Visual Descent Point
VDR	VHF Data Radio
VDR	VHF Digital/Data Radio
VDRP	Voluntary Disclosure Reporting Program
VDU	Video Display Unit
VDX	Videotext
VEL	Velocity Leader
VENSIM	Ventana Simulator
VER	Vertical
VES	Video Entertainment System
VESDA	Very Early Smoke Detection Apparatus
VF	Voice Frequency
VFE	Flaps Extended Placard Speed
VFOP	Visual Flight Rules Operations Panel
VFR	Visual Flight Rules
VFXR	Flap Retraction Speed
VFXR	Flap Extension Speed
VG	Ground Velocity
VG	Validity Generalization
VG/DG	Vertical Gyro/Directional Gyro

VGH	Velocity, Gravity, Height
VGND	Ground Velocity
VGS	VHF Datalink Ground Station
VH	Maximum Level-flight Speed with Continuous Power
VHF	Very High Frequency
VHF	Very High Frequency [30 to 300 Mhz]
VHF R/T	Very High Frequency Radio/Telephony
VHFAMS	Very High Frequency Aeronautical Mobile Services
VHF-OTF	VHF Operations Task Force
VHRR	Very High-Resolution Radiometer
VHSIC	Very High-Speed Integrated Circuit
VI	Heading to Intercept
VI	Heading to an Intercept
VIA	by way of
VICE	Instead/Versus
VID	Visual Image Display
VIGV	Variable Inlet Guide Vane
VIP	Very Important Person
Vis	Visual aids
VIS	Visibility
VISSR	Visible Infrared Spin Scan Radiometer
VL	Very Low ATC Complexity
Vl	Critical Engine Failure Velocity
VLBI	Very Long Baseline Interferometry
VLCT	Very Large Capacity Transport
VLE	Landing Gear Extended Placard Airspeed
VLF	Very Low Frequency
VLO	Maximum Landing Gear of Operating Speed
VLOF	Lift-off Speed
VLR	Very Long Range
Vls	Lowest Selectable Airspeed
VLSI	Very Large-Scale Integration

VLUT	Video Look-Up Table
VLV	Valve
VM	Regional Airlines France
VM	Heading to a Manual Termination
VM	Minimum Maneuver Speed
VM	Heading to a Manual
VM	Heading to a Manual Termination
VMAX	Basic Clean Aircraft Maximum CAS
VMC	Visual Meteorological Conditions
VMC	Minimum Control Speed with Critical Engine Out
VMC	Visual Meteorological Conditions
VMIN	Basic Clean Aircraft Minimum CAS
VMMS	VHF Multi-frequency Management Unit
VMO	Velocity Max Operating
VMO(Vmo)	Maximum Operating Airspeed (Knots)
VN	Valid Negatives
VNAV	Vertical Navigation
VNAV	Vertical Navigation
VNE	Never-exceed Speed
VNO	Maximum Structural Cruising Speed
VNSE	Vertical Navigation System Performance
VO	Tyrolean Airways
VOI	Volume of Operational Interest
VoL	Value of Life
VOL	Volume
VOLMET	Routine Weather Reports Broadcast on VHF
VOLMET	Meteorological Information for Aircraft in Flight
VOM	Volt-ohm-milliammeter
VOR	VHF Omni-Directional Range
VOR/DME, VOR-DME	VHF Omni-directional Ranging / Distance Measurement Equipment
VORTAC	VOR and TACAN Combination

VORTAC, VOR-TACAN, VOR/TAC	Combined VOR and TACAN VOT
VOT	VHF Omnidirectional Range Test
VOT	VOR Airborne Equipment Test Facility
VP	Vertical Profile
VP	Valid Positives
VPA	Vertical Path Angle
VPAE	Vertical Profile Angle Error
VPATH	Vertical Path
VPD	Vertical Polar Diagram
VPIP	Vertical Intercept Point
VPT	Visual Maneuver with Prescribed Track
VR	VOR Radial
VR	Takeoff Rotation Velocity
VRB	Variable
VREF	Approach Reference speed
VRRS	Voice Recording and Display System
VRS	Voice Response System
VS	Stalling Speed
VS	Vocational Stabilization
VS	Design Speed for Maximum Gust Intensity
VSA	by Visual Reference to the Ground
VSA	Visual Reference to the Ground
VSAT	Very Small Aperture satellite Terminal
VSBY	Visibility
VSCS	Voice Switching and Control System
VSD	Vision and Strategy Document
VSI	Stalling Speed in a Specified Flight Configuration
VSI	Vertical Speed Indicator
VSI/TRA	Vertical Speed Indicator/Traffic, Resolution Advisory
VSIG	Vertical Separation Implementation Group

VSM	Vertical Separation Minimum
VSO	Stalling Speed in the Landing Configuration
VSP	Variable System Parameter
VSP	Vertical Speed
VSSE	Intentional One Engine Inoperative Speed
VSSG	Vertical Separation Sub-Group
VSTOL	Vertical or Short Takeoff and Landing
VSV	Variable Stator Vane
VSWR	Voltage Standing Wave Ratio
VTF	Vector to Final
VTK	Vertical Track Distance
VTN	Voice Telecommunications Network
VTOL	Vertical Take-Off and Landing
VTR	Variable Takeoff Rating
VTS	Vessel Traffic Services
VTT	Vertical Threshold Test
VTY	Vanity
VU	Utility Speed
VV	Vertical Visibility
VVD	Vertical View Display
VVI	Vertical Velocity Indicator
VWF	Video For Windows
Vx	Version x
VX	Speed for Best Angle of Climb
VY	Speed for Best Rate of Climb

W

WHISKEY

1982

Iran Air
Airbus A300-B4
Deir ez-Zor, Syria

w	Wake Vortex category
W	Watt
W	West
W	White
W	Sea-Surface Temperature
W	West or Western Longitude
W/A	Wrap Around
W/MOD	with Modification of Vertical Profile
W/STEP	with Step Change in Altitude
WAA	Wide Area Augmentation
WAAS	Wide Area Augmentation System
WAC	World Aeronautical Chart
WACS	Wireless Airport Communications Systems
WAD	Wide Area Differentia
WAD-GNSS	Wide Area Differential GNSS
WADGPS	Wide Area Differential GPS
WAFC	World Area Forecast Center
WAFS	World Area Forecast System
WAGE	Wide Area GPS Enhancement program
WAI	Wing Anti-Ice
WAN	Wide Area Network
WARC	World Administrative Radio Communication Conference
WARC-MOB	World Administrative Radio Communication Conference - Mobile Communication
Waypoint	Position in space usually on aircraft's flight plan
WB	Westbound
WBA	Wire Bundle Assembly
WBAR	Wing Bar Lights
WBC	Weight and Balance Computer
WBS	Weight and Balance System
WBS	Work Breakdown Structure

WC	Waypoint Capture
WCL	Weather Channel
WDI	Wind Direction Indicator
WDSPR	Widespread
WDW	Window
WEA	Whole ECAC Area
WED	Wednesday
WEF	With Effect from or Effective From
WEU	Western European Union
WEU	Warning Electronics Unit
WF	Weight of Fuel
WG	Working Group
WGCS-84	World Global Coordinate System 1984
WGPDS	Word and Graphics Process Documentation System
WGR	Working Group on Route Charges
WGRSG	Sub-Group of the Charges Working Group
WGS	World Geodetic System
WGS	World Geodetic Survey
WGS-72	World Geodetic System/Standard
WGS-84	World Global System 84
WGS-84	World Geodetic System - 1984
WHCU	Window Heat Control Unit
WHORU	WHO aRe yoU
WI	Within
WID	Width or Wide
Wie	with Immediate Effect or Effective Immediately
WILCO	Will Comply
WIND	Wind
WINDMG	Wind Magnitude
WINDR	Wind Direction
WINTEM	Forecast Upper Wind and Temperature
WIP	Work in Progress

WIPO	World Intellectual Property Organization
WIRS	Wide Area Reference Stations
WIU	Wire Integration Unit
WKDAYS	Monday through Friday
WKEND	Saturday and Sunday
WKN	Weaken or Weakening
WKSP	Transmission Centers Workshop; Data Transmission Workshop
WLA	Work Load Assessment
WM	Working Memory
WMB	Window Management Button
WMO	World Meteorological Organization
WMSC	Weather Message Switching Center
WMSCR	Weather Message Switching Center Replacement
WND	Wind
WNW	West-North-West
WO	Without
WOC	Wing Operations Center
WOD	Word of the Day
WORM	Write Once, Read Many
WP	WayPoint
WP	Work Package
WP	Work Program
WP	Working Paper
WP	Working Position
WPD	Work Program Document
WPL	Work Package Leaders
WPM	Words Per Minute
WPn	First waypoint in the next sector
WPP	Working Position Processor
WPs	Working Positions
WPS	Words Per Second

WPT	WayPoint
WPx	Next waypoint on the flight plan
WRC	World Radio-communications Conferences
WRNG	Warning
WS	Work Station
WS	Watch Supervisor
WS	Wind Shear
WSC	West Sector Coordinator
WSPD	Wind Speed
WSR	Wet Snow on Runway
WSW	West-South-West
WT	Weight
WTC	Wake Turbulence Category
WTR	Water on Runway
WTS	Work Tracking System
WTSPT	Waterspout
WTWS	Windshear and Turbulence Warning System
WWW	World-Wide Web
WX	Weather
WX DEF	Weather Deviation
WXMS	Weather Mapping System
WXR	Weather Radar

X

X-RAY

1970s

Iran Air
Boeing 737-200
Shiraz, Iran

X	Cross
X	Irregular
X	Cross
X25	Packet Switched Data Network
XAP	Crossing Alternate Proposal Message
XASM	Cancel Assume
XASP	Extended AIRCOM Service Processor
X-BAND	the frequency range between 8000 and 12500 MHz
XBAR	Crossbar
XBRIGHT	Cancel highlighting
XCM	Crossing Request Cancelation Message
XCONF	Delete CONFlict
XCOORD	Cancel Coordination
XCOP	Exit Coordination Point
XCOR	Cancel Correlation
XCVR	Transceiver
XECM	Cancel Executive Controller Message
XEXPLT	Cancel Extrapolation
XFD	Crossfeed
XFDM	Cancel FDM
XFL	Exit Flight Level
XFMR	Transformer
XFR	Transfer
XFRQ	Cancel Frequency message
XGEO	Cancel GEO
XHOLD	Cancel Hold
XIFL	Cancel Intermediate Flight Level
XIN	Crossing Intentions
XIN	Military Crossing Intention Notification Message
XLTR	Translator
XM	External Master
XMET	Cancel METAR

XMIT	Transmit
XMITR	Transmitter
XMT	Excluding
XMTR	Transmitter
XNG	Crossing
XNSSR	Exit NSSR
XNT	Transient
XOFF/PDR	Cancel Off Predetermined Route
XPC	External Power Contactor
XPD	ATC Transponder
XPDR	Transponder
XPLN	Cancel Plan
XPNDR	Transponder
XPT	Exit Point of a sector
XQDM	Cancel QDM
XRA	Crossing Request Answer
XRQ	Airspace Crossing Request Message
XS	Atmospherics
XSFL	Cancel Supplementary Flight Leve
XSSR	Exit SSR
XSSRBRIGH	Cancel SSR highlight
XSTAT	Cancel Statistics
XT	Air Excel
XTDCP	Cancel Test Display Control Panel
XTEDD	Cancel Test Electronic Data Display
XTK	Cross Track Distance
XTK	Crosstrack
XTRK	Cross Track Error
XTRK	Cancel Track
XTT	Across Track Tolerance
X-Wind	Cross Wind
XX…	Heavy

YANKEE

1974

National Iranian Oil Company
De Havilland Canada DHC-6-300
Twin Otter
Downsview, Ontario, Canada

Y	Yellow
YCZ	Yellow Caution Zone
YD	Yaw Damper
Yd	Yard
YDS	Yaw Damper Servo
YES	Yes
YR	Your
YSAS	Yaw Stability Augmentation System
YSM	Yaw Damper/Stabilizer Trim Module

Z

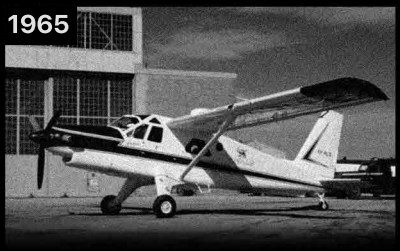
ZULU

1970s

Imperial Government of Iran
Boeing 707-300 “SHAHIN”
Unknown Location

Z	Zulu
Z	Coordinated Universal Time
ZFW	Zero Fuel Weight
ZMU	Zone Management Unit
ZNY	New York Air Route Traffic Control Center
ZOC	Zone of Convergence
ZVF	Zero Velocity Filter

COUNTRY CODES



Red Lion and Sun Society of Iran
De Havilland Canada DHC-2 Beaver
Downsview, Ontario, Canada

COUNTRY	ICAO	ISO ALPHA-2	ISO ALPHA-3
Solomon Islands	AG	SB	SLB
Nauru	AN	NR	NRU
Papua New Guinea	AY	PG	PNG
Greenland	BG	GL	GRL
Iceland	BI	IS	ISL
Canada	CY	CA	CAN
Algeria	DA	DZ	DZA
Benin	DB	BJ	BEN
Burkina Faso	DF	BF	BFA
Ghana	DG	GH	GHA
Ivory Coast	DI	CI	CIV
Nigeria	DN	NG	NGA
Niger	DR	NE	NER
Tunisia	DT	TN	TUN
Togo	DX	TG	TGO
Belgium	EB	BE	BEL
Germany - Civil	ED	DE	DEU
Estonia	EE	EE	EST
Finland	EF	FI	FIN
United Kingdom	EG	GB	GBR
Netherlands	EH	NL	NLD
Ireland	EI	IE	IRL
Denmark	EK	VK	VNK
Luxembourg	EL	LU	LUX
Norway	EN	NO	NOR
Poland	EP	PL	POL
Sweden	ES	SE	SWE
Germany - Military	ET	DE	DEU
Latvia	EV	LV	LVA
Lithuania	EY	LT	LTU

South Africa	FA	ZA	ZAF
Botswana	FB	BW	BWA
Congo	FC	CD	COD
Swaziland	FD	*	*
Republic of Central Africa	FE	CF	CAF
Equatorial Guinea	FG	GQ	GNQ
Ascension Islands	FH		
Mauritius	FI	MU	MUS
Diego Garcia	FJ		
Cameroon	FK	CM	CMR
Zambia	FL	ZM	ZMB
Madagascar	FM	MG	MDG
Angola	FN	AO	AGO
Gabon	FO	GA	GAB
Sao Tome	FP	ST	STP
Mozambique	FQ	MZ	MOZ
Seychelles	FS		
Chad	FT	TD	TCD
Zimbabwe	FV	ZW	ZWE
Malawi	FW	MW	MWI
Lesotho	FX	LS	LSO
Namibia	FY	NA	NAM
Zaire	FZ		
Mali	GA	ML	MLI
Gambia	GB	GM	GMB
Canary Islands	GC		
Melilla	GE		
Sierra Leone	GF		
Guinea Bissau	GG		
Liberia	GL	LR	LBR
Morocco	GM	MA	MAR
Senegal	GO	SN	SEN

Mauritania	GQ		
Guinea	GU		
Cape Verde	GV		
Ethiopia	HA	ET	ETH
Burundi	HB	BI	BDI
Djibouti	HD	DJ	DJI
Egypt	HE	EG	EGY
Eritrea	HH	ER	ERI
Kenya	HK	KE	KEN
Libya	HL	LY	LBY
Rwanda	HR	RW	RWA
Sudan	HS	SS	SSD
Tanzania	HT	TZ	TZA
Uganda	HU	UG	UGA
United States - Northwest	K1	US	USA
United States - Southwest	K2	US	USA
United States - North	K3	US	USA
United States - South	K4	US	USA
United States - Central	K5	US	USA
United States - Northeast	K6	US	USA
United States - Southeast	K7	US	USA
Albania	LA	AL	ALB
Bulgaria	LB	BG	BGR
Cyprus	LC	CY	CYP
Croatia	LD	HR	HRV
Spain	LE	ES	ESP
France	LF	FR	FRA
Greece	LG	GR	GRC
Hungary	LH	HU	HUN
Italy	LI	IT	ITA
Slovenia	LJ		
Czech Republic	LK	CZ	CZE

Israel	LL	IL	ISR
Malta	LM	MT	MLT
Austria	Austria	AT	AUT
Portugal	LP	PT	PRT
Bosnia and Herzegovina	LQ	BA	BIH
Romania	LR	RO	ROU
Switzerland	LS	CH	CHE
Turkey	LT	TR	TUR
Moldova	LU	MD	MDA
Macedonia	LW	MK	MKD
Gibraltar	LX		
Yugoslavia	LY		
Slovakia	LZ	SK	SVK
Turks and Caicos Islands	MB	TC	TCA
Dominican Republic	MD	DO	DOM
Guatemala	MG		
Honduras	MH	HN	HND
Jamaica	MK	JM	JAM
Mexico	MM	MX	MEX
Nicaragua	MN	NI	NIC
Panama	MP	PA	PAN
Costa Rica	MR	CR	CRI
El Salvador	MS	SV	SLV
Haiti	MT	HT	HTI
Cuba	MU	CU	CUB
Cayman Islands	MW	KY	CYM
Bahamas	MY	BS	BSH
Belize	MZ	BZ	BLZ
Cook Islands	NC	CK	COK
Fiji	NF	FJ	FJI
Kiribati Islands	NG	KI	KIR
Niue Islands	NI		

Wallis Islands	NL		
American Samoa	NS	AS	ASM
Tahiti	NT		
Vanuatu	NV	VU	VUT
Noumena	NW		
New Zealand	NZ	NZ	NZL
Afghanistan	OA	AF	AFG
Bahrain	OB	BH	BHR
Saudi Arabia	OE	SA	SAU
Iran	OI	IR	IRN
Jordan	OJ	JO	JOR
Kuwait	OK	KW	KWT
Lebanon	OL	LB	LBN
United Arab Emirates	OM	AE	ARE
Oman	OO	OM	OMN
Pakistan	OP	PK	PAK
Iraq	OR	IQ	IRQ
Syria	OS	SY	SYR
Qatar	OT	QA	QAT
Yemen	OY	YE	YEM
Alaska	PA		
Guam	PG	GU	GUM
Hawaii	PH		
Johnston Islands	PJ	UM	UMI
Marshall Islands	PK	MH	MHL
Line Islands	PL		
Midway Islands	PM	UM	UMI
Micronesia	PT	FM	FSM
Wake Islands	PW	UM	UMI
Taiwan	RC	TW	TWN
Japan	RJ	JP	JPN
Korea	RK	KP	PRK

Okinawa Islands	RO		
Philippines	RP	PH	PHL
Argentina	SA	AR	ARG
Brazil	SB	BR	BRA
Chile	SC	CL	CHL
Ecuador	SE	EC	ECU
Paraguay	SG	PY	PYR
Colombia	SK	CO	COL
Bolivia	SL	BO	BOL
Surinam	SM	SR	SUR
French Guyana	SO	GF	GUF
Peru	SP	PE	PER
Uruguay	SU	UY	URY
Venezuela	SV	VU	VUT
Guyana	SY	GY	GUY
Antigua and Barbuda	TA	AG	ATG
Barbados	TB	BB	BRB
Dominica	TD	DM	DMA
French Antilles	TF		
Grenada	TG	GD	GRD
U.S. Virgin Islands	TI	VI	VIR
Puerto Rico	TJ	PR	PRI
St. Kitts Islands	TK		
St. Lucia	TL		
Aruba / Netherlands Antilles	TN	AW	ABW
Anguilla	TQ	AI	AIA
Montserrat Islands	TT	MS	NSR
Trinidad and Tobago	TU	TT	TTO
U.K Virgin Islands	TV		
Bermuda	TX	BM	BMU
Kazakhstan and Kyrgyzstan	UA	KZ	KAZ
Azerbaijan	UB	AZ	AZE

Russian Federation	UE	RU	RUS
Armenia and Georgia	UG	GE	GEO
Russian Federation	UH	RU	RUS
Russian Federation	UI	RU	RUS
Ukraine and Moldovia	UK	UA	UKR
Russian Federation	UL	RU	RUS
Belarus, Latvia and Lithuania	UM	BY	BLR
Russian Federation	UN	RU	RUS
Russian Federation	UR	RU	RUS
Russian Federation	US	RU	RUS
Uzbekistan	UT	UZ	UZV
Turkmenistan	UT	TM	TKM
Tajikistan	UT	TJ	TJK
Russian Federation	UU	RU	RUS
Russian Federation	UW	RU	RUS
India - West	VA	IN	IND
Sri Lanka	VC	LK	LKA
Cambodia	VD	KH	KHM
India - East	VE	IN	IND
Bangladesh	VG	BD	BGD
Hongkong	VH	HK	HKG
India - North	VI	IN	IND
Lao	VL	LA	LAO
Macau	VM	MO	MAC
Nepal	VN	NP	NPL
India - South	VO	IN	IND
Maldives	VR	MD	MDV
Thailand	VT	TH	THA
Vietnam	VV	VN	VNM
Myanmar	VY	MM	MMR
Indonesia	WA	ID	IDN
Brunei	WB	BN	BRN

Indonesia	WI	ID	IDN
Malaysia	WM	MY	MYS
Indonesia - Bali	WR	ID	IDN
Singapore	WS	SG	SGP
Australia	YB	AU	AUS
Australia	YM	AU	AUS
China	ZB	CN	CHN
China	ZG	CN	CHN
China	ZH	CN	CHN
North Korea	ZK	KP	PRK
China	ZL	CN	CHN
Mongolia	ZM	MN	MNG
China	ZP	CN	CHN
China	ZS	CN	CHN
China	ZU	CN	CHN
China	ZW	CN	CHN
China	ZY	CNRI	CHN

N&A PUBLISHING

contact us for retail and sale operations

https://nanda.octalgroup.one

sales@octalgroup.one

Dorna FOUNDATION

Publication Group

CHANGE LOG & NOTES