



iFly - Acronyms



2D-3D-4D	Two-Three-Four Dimensional
3FMS	Free Flight - Flight Management System
4MIDABLE	4D Meteorological Data Bases Linked across Europe
A/A	Air to Air
A/C	Aircraft
A/G	Air/Ground
A/G	Air to Ground
A ³	Autonomous Aircraft Advanced
AA	Autonomous Aircraft
AAA	Anti-Aircraft Artillery
AAA	Amsterdam Advanced ATC
AAC	Aeronautical Administrative Communications
AACS	Attitude and Articulation Control Subsystem
AAD	Assigned Altitude Deviation
AADT	American Airlines Decision Technologies
AAE	Above Aerodrome Elevation
AAF	AIRSYS ATM France
AAI	Average Arrival Interval
AAIM	Aircraft Autonomous Integrity Monitoring
AAL	Above Aerodrome Level
AAM	Application Activity Model
AAOE	Airborne Antarctic Ozone Experiment
AAP	Accident Analysis & Prevention
AAR	Air-to-Air Refuelling
AAR	Airport Acceptance Rate
AAS	Amsterdam Airport Schiphol authorities
AAS	Advanced Automation System
AAS	Aerodrome Advisory Service
AASD	Advanced Automation System Design
AASE	Airborne Arctic Stratospheric Expedition
AASHTO	American Association of State Highway and Transportation Officials
AAT	Assigned Arrival Time
AATT	Advanced Air Transportation Technologies
ABC	Activity-Based Costing
ABEAM	Across the Borders EATMS Effect
ABM	Abeam
ABM	Asynchronous Balanced Mode
ABRM	Analytic Blunder Risk Model
AC	Advisory Circular
AC/WPBX	Advanced Cordless/Wireless Private Branch Exchange
ACA	Arctic Control Area
ACARS	Aircraft Communication Addressing And Reporting System (ARINC)



iFly - Acronyms



ACAS	Airborne Collision Avoidance System
ACAST	Advanced CNS Architectures and System Technologies
ACC	Area Control Centre
ACC	Austrian CCITT Committee
ACCESS	Aircraft Control Console for Experiments, Simulations and Studies
ACCOLC	Access Overload Class
ACCS	Air Defence Command and Control Systems
ACD	Automated Conflict Detection
ACD	Automatic Call Distribution
ACE	Airspace Capacity Enhancement
ACE	Aerosol Climatic Experiment
AceS	Asia Cellular Satellite
ACF	Automated Control Function
ACFT	Aircraft
ACI	Airports Council International
ACID	Aircraft Identification
ACITS	Advisory Committee on Information Technology Standardisation (SOG-IT)
ACJ	Advisory Circular Joint (JAA)
ACL	ATC clearances
ACM	ADS Contract Management
ACM	ATC Communications Management
ACM	Air Combat Manoeuvring
ACN	Aircraft Classification Number
ACO	Air Coordination Order
ACOD	Area COntlict Detection tool
ACP	Aircraft Control Positions
ACR	Avionics Computer Resource
ACR	Active Cavity Radiometer
ACRIM	Active Cavity Radiometer Irradiance Monitor
ACRV	Assured Crew Return Vehicle
ACRV	Astronaut Crew Return Vehicle
ACSB	Amplitude Compandored Single Sideband
ACT	active, activated, activation message
ACT*	Architecture of Cognition
ACTE	Approvals Committee for Terminal Equipment (EC)
ACTM	Active Traffic Management
ACTS	Advanced Communications Technology Satellite
ACTS	Advanced Communications Technologies and Services
ACU	Apron Control Unit
ACU	Antenna Control Unit
AD	Airworthiness Directive
AD	Aerodrome



iFly - Acronyms



AD/ISP	Associate Directorate for Strategy, Planning and International Policy
ADA	Americans with Disabilities Act
ADAM	ADaptive MMI simulator
ADB	Asian Development Bank
ADC	Aerodrome Controller
ADCF	Aerospace Defence Control Facility
ADCUS	Advice Customs
ADEOS	Advanced Earth Observing Satellite
ADEPT	Automatic Debiting and Electronic Payment for Transport
ADF	Automatic Direction Finder
ADF	Adjusted Delay Factor
ADFRF	Ames-Dryden Flight Research Facility
ADIZ	Air Defence Identification Zone
ADL	Aeronautical Data Link
ADLC	Ariane Dual Capability
ADLEX	Advanced Landoriented Remote Sensing Experiment
ADLP	Airborne Data Link Processor
ADM	Atmospheric Dynamics Mission
ADNS	Aeronautical Data Network System
ADNS	ARINC Data Network Service
ADORA	Analysis and Definition of the Operational Requirements for ATM
ADP	Aéroports de Paris
ADP	Auxiliary Data Processor
ADP	Automated Data Processing
ADPCM	Adaptive Differential Pulse Code Modulation Adaptive Pulse Code Modulation
ADREP	Aviation Data Reporting Program (ICAO)
ADS	Automatic Dependent Surveillance
ADS	Automatic Debiting System
ADS-A	Automatic Dependent Surveillance - Addressed
ADS-B	Automatic Dependent Surveillance - Broadcast
ADS-C	Automatic Dependent Surveillance - Contract
ADSIM	Aircraft/Airfield Delay Simulation Model
ADSL	Asymmetric Digital Subscriber Loop
ADSL	Asymmetric Digital Subscriber Line technology
ADS-MEDUP	ADS Mediterranean Upgrade Programme
ADSP	ADS Processor
ADT	Assigned Departure Time
ADTN	Administrative Data Transmission Network
AE	Applied Econometrics
AE	Arianespace SA, Paris
AEA	Action Error Analysis
AEA	Association of European Airlines



iFly - Acronyms



AEC	Architecture, Engineering and Construction
AECMA	Association Européene des Constructeurs de Material Aeroespacial
AEDC	Arnold Engineering Development Center
AEEC	Airlines Engineering Electronics Committee
AEG	Allgemeine Elektrizitäts Gesellschaft
AEGIS	ATM-European Group for Improvement of Scenarios
AEOD	U.S. NRC Office for Analysis and Evaluation of Operational Data
AEPI	Atmospheric Emissions Photometric Imaging
AER	Association for Education and Rehabilitation of the Blind and Visually Impaired
AERA	Automated En-route ATC
AEREA	Association of European Research Establishments in Aeronautics
AEROCERT	Aircraft Environmental Impacts and Certification Criteria
AEROSAFE	Action plan for European Pre-normative Research on Air Transport Safety
AES	Aeronautical Environmental Services
AES	Advanced Encryption Standard
AESA	Atmospheric Effects of Stratospheric Aircraft
AEW	Airborne Early Warning
AF	Airways Facilities
AF	Air Force
AFAS	Aircraft in the Future ATM System
AFB	Air Force Base
AFB	American Foundation for the Blind
AFCEA	Armed Forces Communications and Electronics Association
AFD	Airport Facility Directory
AFEPS	ACARS Front End Processing System
AFGWC	Air Force Global Weather Center
AFIL	Airfile
AFIS	Aerodrome Flight Information Service
AFM	Air Flight Manual / Management
AFM	ADS Flight Monitoring
AFMC	Air Force Material Command
AFNOR	Association Française pour la NORmalisation
AFOS	Automatic Flight Operating System
AFP	Air Force Program
AFPRO	Air Force Plan Representative Office
AFR	Autonomous Flight Rules
AFRSI	Advanced Flexible Reusable Surface Insulation
AFS	AutoFlight System
AFS	Advanced Flight Simulation
AFSS	Automated Flight Service Station
AFTN	Aeronautical Fixed Telecommunication Network
AGA	Air-Ground-Air



iFly - Acronyms



AGA	Aerodromes and Ground Aids (AIP)
AGARD	Advisory Group for Aerospace Research and Development (NATO)
AGASP	Arctic Gas and Aerosols Sampling Project
AGATE	Advanced General Aviation Transport Experiments (NASA)
AGCI	Aspen Global Change Institute
AGCS	Air Ground Communication Server
AGE	Auxiliary Ground Equipment
AGE	Amazon Ground Emissions
AGE/ABLE	Amazon Ground Experiment/Amazon Boundary Layer Experiment
AGL	Above Ground Level
AGLAE	Air Ground data-Link Applications Experimentation
AGM	Air-to-Ground Missile
AGMC	ADS-supported Ground Movement Control
AGU	American Geophysical Union
AH	Attack Helicopter
AHCIET	Asociacion Hispanoamericana de Centros de Investigacion y Empresas de Telecomunicaciones
AHD	Ad-Hoc Developed
AHS	Automated Highway System
AHU	Air Handling Unit
AI	Artificial Intelligence
AIAA	American Institute of Aeronautics and Astronautics
AIC	Aeronautical Information Circular
AIC	Application Interpreted Constructs
AICAS	Engine Indicating and Crew Alerting System
AIChE	American Institute of Chemical Engineers
AID	Airport Information Desk
AID	Agency for International Development
AILC	Alaska Interim Land Cover
AIM	ATFM Information Message
AIM	Aeronautical Information Manual
AIM	Application Interpreted Model
AIM	Asset Information Manager
AIM	Advanced Informatics for Medicine (DG XIII)
AIM	Air Intercept Missile
AIMSUN	Microsimulation Model from Universidad Politecnica de Catalunya, Barcelona
AIP	Aeronautical Information Publication
AIR	American Institute for Research
AIRAC	Aeronautical Information Regulation and Control
AIRDAS	Airborne Infrared Disaster Assessment System
AIREP	Air Report
AIRFL	Air Refuelling



iFly - Acronyms



AIRMET	Airman's Meteorological Information
AIRPORT-G	Airport Integrated Research and development Project for Operational Regulation of Traffic - Guidance
AIRS	Atmospheric Infrared Sounder
AirSAR	Airborne Synthetic Aperture Radar
AIRSAW	Airborne Situational Awareness
AIS	Aeronautical Information Service(s)
AIS	Airborne Imaging Spectrometer
AIT	Assembly, Integration and Testing
AIV	Assembly, Integration and Verification
AL	Alerting Services
ALAE	Atmospheric Lyman-Alpha Emissions
ALARP	As Low As Reasonably Practicable
ALARS	Automobile License and Registry System
ALCM	Air-Launched Cruise Missile
ALDP	Advanced Launch Development Program
ALE	Automatic Link Establishment
ALERFA	Alert Phase
ALERT	Advice and Problem Location for European Road Traffic
ALI	Automatic Location Identification
ALNOT	Alert Notice
ALPS	Advanced Logistics and Procurement Systems
ALR	Aircraft Load Rating
ALS	Approach Lighting System
ALS	Advanced Life Support
alt	Altitude
ALTN	Alternate
ALTRV	Altitude Reservations
ALW	Aircraft data List Window
AM	Arrival Manager
AM	Amplitude Modulation
AMA	(ex) Association of Metropolitan Authorities
AMAN	Arrival Manager
AMASS	Airport Movement Area Safety System
AMC	Airspace Management Cell
AMC	Acceptable Means of Compliance
AMCM	Airport Movement Control and Management
AMCP	Aeronautical Mobile Communications Panel
AMFF	Autonomous Mediterranean Free Flight
AMI	Advanced Manufacturing Technology
AMIE	AIS Met Information Equipment (Swiss Computer Self Briefing System)
AMIS	Aviation Modeling International Symposium



iFly - Acronyms



AMIS	Aircraft Movement Information Service
AMJ	Advisory Material Joint
AMN	Airspace Management and Navigation
AMODEUS	Assaying Means Of Design Expression for Users and Systems
AMOS	Air Force Maui Optical System
AMPR	Airframe Manufacturers Planning Report
AMPS	Advanced Mobile Phone System
AMRAAM	Advanced Medium-Range Air-to-Air Missile (now AIM-120)
AMRIID	Army Medical Research Institute of Infectious Diseases
AMS	Aeronautical Mobile Service
AMS	Apron Management Service
AMSC	American Mobile Satellite Corporation
AMSCR	Aircraft Movement Surface Condition Report
AMSL	Above mean sea level
AMSR	Advanced Microwave Sounding Radiometer
AMSS	Aeronautical Mobile-Satellite System
AMT	Air Management Task
AMTS	Automated Maritime Telecommunications System
AMU	Auto Management Unit
ANC	Anchorage
AND	Approximate Network Delay
ANGARA	Analysis of Non-Gravitational Accelerations from Radiation and Aerodynamics
ANI	Automatic Number Identification
ANICS	Alaska NAS Interfacility Communications System
ANM	ATFM Notification Message
ANOVA	ANalysis Of VAriance
ANP	Actual Navigation Performance
ANR	Air Navigation Routes
ANS	Air Navigation System
ANS	Active Noise System
ANS	Air Navigation Services
ANSI	American National Standards Institute
ANSP	Air Navigation Service Provider
AO	Aircraft Operator
AO	Announcement of Opportunity
AO	Autonomous Operations
AOA	Angle of Attack
AOA	Abort Once Around
AOC	Airline Operations Centre
AOC	Aeronautical Operational Control
AOC	Aeronautical Operational Communication
AOC	Airline Operations Control



iFly - Acronyms



AOCC	Airline Operational Control Centre
AOCI	Airborne Ocean Color Imager
AOCS	Attitude and Orbit Control System
AOM	Airspace Organisation & Management
AOPA	Aircraft Owners and Pilots Association
AOPG	Aerodrome Operations Group
AOPG-PT 2	Aerodrome Operations Group Project Team 2
AOR	Area Of Responsibility
AP	Application Protocol
AP	Autopilot
APAPI	Abbreviated Precision Approach Path Indicator
APAR	Absorbed Photosynthetically Active Radiation
APAS	Action Pour la Promotion, l'Accompagnement et Soutien
APATSI	AirPort Air Traffic Systems Interface
APC	Aeronautical Public Correspondence
APC	Airline Passenger Communication
APCN	Asia Pacific Cable Network
APCO	Association of Public Safety Communications Officials - International
APE	Auroral Photography Experiment
APEE	ATM Performance Engineering Environment
APERT	Aerospace Programme for Education, Research and Technology
APEW	Atmospheric Profiling Earth Watch
APF	Airlines Procedures File
APHAZ	Aircraft Proximity HAZards
APHRODITE	Aircraft Parameters Handles in Real time Over Data-Link to Improve Trajectory Estimation
API	Application Programming Interface
API	American Paging, Inc.
APJ	Absolute Probability Judgement
APL	Automatic Personnel Location
APL	Airport Pseudolite
APL	Applied Physics Laboratory
APM	(Columbus) Attached Pressurised Module
APM	Atmospheric Particle Monitor
APO	Aircraft Performances and Operations
APP	Airport Planning Practice
APP	Approach/departure Control, Approach Planner
APPSN	Application Pilot for People with Special Needs (RACE project)
APR	Aircraft Position Reporting Service
APREQ	Approval Request
APRT	Airport
APT	Automatic Picture Transmission



iFly - Acronyms



APU	Auxiliary Power Unit
APW	Airborne Proximity Warning
AQUI	University of l'Aquila
ARAC	Aviation Rulemaking Advisory Committee
ARALL	ARamide Aluminium Laminate
ARAMIS	Advanced Runway Arrivals Management to Improve airport Safety and efficiency
ARAT	Avion de Recherche Atmospherique et Télédétection
ARC	Automatic Radar Control
ARC	Automatic Radio Compass
ARC	(NASA) Ames Research Center
ARC2000	Automatic Radar Control for the years beyond 2000
ARCADY	Assessment of Roundabout CApacity and DelaY
ARCHIE	A Reliable Computer/Human Interaction Environment
ARCP	Air Refuelling Control Point
ARDA	Aviation Research and Developments Activities
ARES	Amateur Radio Emergency Service
ARIBA	ATM system safety criticality Raises Issues in Balancing Actors Responsibility
ARIN	American Registry for Internet Numbers
ARINC	Aeronautical Radio, Incorporated
ARIP	Air Refuelling Initial Point
ARISTOTELES	Applications and Research Involving Space Technologies Observing the Earth's Field from Low Earth Orbiting Satellite
ARM	Application Reference Model
ARM	Anti-Radiation Missile
ARM	Atmospheric Radiation Measurement
ARN	ATS(/Air) Route Network
ARNS	Aeronautical Radio Navigation Services
ARO	Airport Reporting Office
ARO	Airport Reservation Office
ARP	Address Resolution Protocol(TCP/IP)
ARP	Airport/Aerodrome Reference Point
ARP	Aerospace Recommended Practice
ARP	ATV Rendez-vous Predevelopment
ARPA	Advanced Research Projects Agency
ARPA	Advanced Research in Telecommunications Systems
ARQ	Automatic Repeat Request
ARR	Arrival
ARRB	Australian Road Research Board
ARRL	American Radio Relay League
ARS	Air Traffic Service Requirements Service
ARS	Air Report Special
ARSA	Airport Radar Service Area



iFly - Acronyms



ARSR	Air Route Surveillance Radar
ART	Automated en-Route Tools (CENA)
ART	Avionics Research Testbed
ART	Autorité de Regulation des Telecommunications
ARTAS	ATC Radar Tracker And Server
ARTAS	ATC suRveillance Tracker And Server
ARTCC	Air-Route Traffic Control Center (FAA)
ARTEMIS	Acquisition d'une chaine Radio et d'un Téléphone de securité pour des Équipements et des Moyens Intégrés et Sécurisés
ARTEMIS	Advanced Relay and TEchnology MISsion Satellite (Telecom)
ARTES	Advanced Research in TELEcommunication System
ARTS	Automatic Radar Terminal system (FAA)
ASA	Astronomical Society of the Atlantic
ASACAS	Airborne Separation Assurance and Collision Avoidance System
ASAD	Approach Sequence Advisory Data
ASAM	A Safety Argument Manager
ASAP	Aircraft Simulator Analysis Program
ASAR	Advanced SAR
ASAS	Airborne Separation Assistance System
ASAS	Advanced Solid State Array Spectrometer
ASAS-TN2	Airborne Separation Assistance Systems Thematic Network 2
ASAT	Airspace Simulation and Analysis for Terminal instrument procedures
ASCAT	Advanced Scatterometer
ASCII	American Standard Code for the Interchange of Information
ASCO	Arab Satellite Communications Organization
ASD	AeroSpace and Defence Industries Association of Europe
ASD	Aircraft Situation/System Display
ASDE	Airport Surface Detection Equipment
ASDES	Aircraft Sensor Data for the Earth Sciences
ASE	Altimetry System Error
ASE	ATM System Engineering
ASE	Advanced Space Engine
ASEAN	Association of South East Asian Nations
ASECNA	Agence pour la Sécurité de Navigation Aérienne en Afrique
ASEM	Assembly of Station by EVA Methods
ASEP	Accident Sequence Evaluation Procedure
ASEP	Airborne Separation
ASF	Air Safety Foundation (AOPA-USA)
ASF	Alaska and SAR Facility
ASHOE	Airborne Southern Hemisphere Ozone Experiment
ASI	Aviation Simulations International (USA)
ASI	Agenzia Spaziale Italiano (Italian Space Agency)



iFly - Acronyms



ASIC	Application Specific Integrated Circuit
ASIM	Air traffic control SIMulation (Airspace Simulation Model) (of UK CAA)
ASIVAL	ATM System Identification for VALidation
ASK	Amplitude Shift Keying - a digital modulation of the RF carrier's envelope
ASL	American Sign Language
ASM	Air Space Management (and Procedures)
ASM	Airborne Separation Minima
ASM	Air-to-Surface Missile
ASME	American Society of Mechanical Engineers
A-SMGCS	Advanced Surface Movement Guidance and Control Systems
ASMI	Airport Surface Movement Indicator (Ground Movement Radar)
ASNA	Internet Assigned Numbers Authority
ASOR	Allocation of Safety Objectives and Requirements
ASOS	Automated Surface Observing System
ASP	Airways Strip Printer
ASP	Aeronautical Surveillance Panel
ASPH	Asphalt Runway
ASPIC	Application Service Provider Industry Consortium
ASPJ	Airborne Self-Protection Jammer
ASPRS	American Society of Photogrammetry and Remote Sensing
ASR	Airport Surveillance Radar
ASR	Automatic Speech Recognition
ASRAAM	Advanced Short-Range Air-to-Air Missile
ASRM	Advanced Solid Rocket Motor
ASRS	Aviation Safety Reporting System (NASA)
ASS	Antenna Support Structure
ASS	Assistant controller
ASSAP	Airborne Surveillance and Separation Assurance Processing
ASSTAR	Advanced Safe Separation Technologies and Algorithm(s)
AST	Advanced Subsonic Technology
ASTA	Airport Surveillance (Surface?) Traffic Automation
ASTE	Advanced Systems and Telecommunications Equipment
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer (EOS)
ASTERIX	All purpose Structured Eurocontrol Radar Information eXchange
ASTEX	Atlantic Stratus Transition Experiment
ASTOVL	Advanced Short Take-Off/Vertical Landing (JSF predecessor program)
ASTRID	Automatic SCOOT Traffic Information Database
ASW	Anti-Submarine Warfare
AT	Assistive Technology
AT&T	American Telephone and Telegraph
ATA	Actual Time of Arrival
ATA	Air Traffic Advisor



iFly - Acronyms



ATA	Air Transport Association
ATAL	Alternate Transoceanic Abort Landing
ATB	Advanced Technology Bomber(B-2 predecessor program)
ATC	Air Traffic Control
ATCBI	Air Traffic Control Beacon Interrogator
ATCC	Air Traffic Control Centre
ATCEU	Air Traffic Control Evaluation Unit (NATS, UK)
ATCEUC	Air traffic control European Unions Coordination
ATCo	Air Traffic Controller (/Control Officer)
ATCRBS	Air Traffic Control Radar Beacon System
ATCS	Active Thermal Control System
ATCSCC	Air Traffic Control System Command Center
ATCT	Airport Traffic Control Tower
ATCU	Air Traffic Control Unit
ATD	Advanced Technology Demonstration
ATD	Air Traffic Control and Data processing
ATDM	Advanced Transport Demand Modelling
ATDRS	Advanced Tracking and Data Relay Satellite
ATDRSS	Advanced Tracking and Data Relay Satellite System
ATE	Actual Time Enroute
ATF	Aerodrome Traffic Frequency
ATF	Advanced Tactical Fighter (F-22 predecessor program)
ATFM	Air Traffic Flow Management
ATH	ADS Track Handling
ATHOS	Airport Tower Harmonized cOntroller System
ATI	Aeronautical Telecommunication Information
ATIR	Air Traffic Incident Report ("Near-Miss Report")
ATIS	Automatic Terminal Information Service/Sheet
ATLAS	Air Traffic Land and Air Study
ATLAS	Air Traffic Land and Airborne Systems
ATLAS	Architecture, methodology and Tools for computer-integrated LArge scale engineering
ATLAS	Airborne Tunable Laser Absorption System
ATLAS	Atmospheric Laboratory for applications and Science
ATM	Air Traffic Management
ATM	Asynchronous Transfer Mode
ATM	Airborne Thematic Mapper
ATMDC	Air Traffic Management Development Centre
ATMOS	Air Traffic Management and Operations Simulator (of DLR)
ATMOS	Atmospheric Travel Molecule Spectroscopy
ATN	Aeronautical Telecommunication Network
ATN/CLNP	Air Traffic Network/Connectionless Network Protocol
ATNSI	Aeronautical Telecommunication Network System, Incorporated



iFly - Acronyms



ATO	Abort To Orbit
ATO	Air Tasking Order
ATOG	Anticipated Transient Operating Guidance
ATOM	Airport TOWER Management
ATOT	Actual Take-Off Time
ATOVS	Advanced TIROS-N Operational Vertical Sounder
ATR	Advanced Test Reactor
ATS	Air Traffic Service(s)
ATS	Air Transport Systems
ATSA	Airborne Traffic Situational Awareness
ATSA	Air Traffic Services Assistant
ATSAM	Air Traffic Simulation Analysis Model
ATSEP	Air Traffic Safety Electronics Personnel
ATSR	Along-Track Scanning Radiometer
ATSU	Air Traffic Service Unit
ATT	Atterrissage Tout Temps
ATT	Airport and Terminal Tools
ATT	(ex) Advanced (Road) Transport Telematics
ATTAS	Advanced Technologies Testing Aircraft System
ATV	Automated Transfer Vehicle
ATV	Advanced Television (HDTV)
ATWS	Anticipated Transient Without Scram
AU	Astronomical Unit
AUDELTEL	Audio Description of Television for the Visually Disabled and Elderly (TIDE project)
AUEB	Athens University of Economics and Business Research Centre
AURA	Association of Universities for Research in Astronomy
AURORA	Project to develop safety equipment systems for disabled and elderly persons (TIDE)
AUSDA	Analysis and Unification of Software Development Approaches
AUSSEP	Australian Separation
Australian UAP	ADS-B Upper Airspace Program
AUXBC	Auxiliary Broadcasting
AVASIS	Abbreviated Visual Approach Slope Indicator System
AVC	Automatic Vehicle Classification
AVENUE	ATM Validation Environment for Use towards EATMS
AVGAS	Aviation Gasoline (piston aircraft fuel)
AVHRR	Advanced Very High Resolution Radiometer
AVHRR-GAC	Advanced Very High Resolution Radiometer-Global Area Coverage
AVHRR-LAC	Advanced Very High Resolution Radiometer-Local Area Coverage
AVI	Automatic Vehicle Identification
AVIRIS	Advanced Visible and Infrared Imaging Spectrometer
AVL	Automatic Vehicle Location
AVM	Audio Visual Management



iFly - Acronyms



AVM	Automatic Vehicle Monitoring
AVN	Avionics
AVOL	Aerodrome Visibility Operational Level
AW&ST	Aviation Week and Space Technology
AWACS	Airborne Warning And Control System
AWARDS	Agency Wide Administrative and Reporting Database System
AWBS	Aviation Weather Briefing Service
AWGN	Additive White Gaussian Noise
AWIS	Aviation Weather Information Service
AWO	All Weather Operations
AWOP	All Weather Operations Panel
AWOS	Automated Weather Observing System
AWW	Severe Weather Forecast Alert
AWY	Airway
AXAF	Advanced X-ray Astrophysics Facility
AZ	Alert Zone
BA	British Airways
BAAC	Budget Annexe de l'Aviation Civile
BABLW	Bundesamt für Betriebe der Luftwaffe
BABT	British Approvals Board for Telecommunications
BADA	Base of Aircraft Data
BADGER	Bay Area Digital Geo-Resource
BAe	British Aerospace
BAIC	Barring of All Incoming Calls
BANA	Budget Annexe de la Navigation Aérienne
BAOC	Barring of All Outgoing Cells
BAP	Bearer Application Protocol
BAPT	Bundesamt für Post und Telekommunikation
BASI	Bureau of Air Safety Investigation
BASIS	British Airways Safety Investigation System
BATSE	Burst and Transient Source Experiment
BAZL	Bundesamt für Zivilluftfahrt (Swiss CAA)
BBJ	Boeing Business Jet
BBS	Bulletin Board System
BBXRT	Broad Band X-Ray Telescope
BC	British Council
BCRS	Beleidscommissie Remote Sensing (Netherlands Remote Sensing Board)
bcst	broadcast
BDA	Bomb (or Battle) Damage Assessment
BDA	Banque de Données Aéronautiques
BDP	Bureau De Piste
BDT	Telecommunication Development Bureau of the ITU



iFly - Acronyms



BDY	Boundary
BEA	Bureau Enquete Accident
BECO	Booster Engine Cutoff
BEF	Before
BER	Bit Error Rate
BFC	Backup Flight Computer
BFCS	Backup Flight Control System
BFL	Balanced Field Length
BFR	Biennial Flight Review (USA)
BFS	Backup Flight System. The ``limp-home" computer for the Shuttle.
BFU	Büro für Flugunfalluntersuchungen
BGC	Biogeochemical Cycling
BHEP	Basic Human Error Probability
BIA	Bureau d'Informations Aéronautiques
BIB	Board for International Broadcasting
BIB	division BIBliothèque de composants du CENA
BIF	Bearer Independent Format
BIMDA	Bioserve-Instrumentation Technology Associates Materials Dispersion Analysis
BIOME	Biological Imaging and Observation/Mission to Earth
BIP	Background Intellectual Property
BIPT	Belgian Institute for Posts and Telecommunications
B-ISDN	Broadband ISDN
BIT	Binary Digit
BL	Boundary Layer
BM	Brownian Motion
BMFT	[German] Bundesministerium für Forschung und Technologie (Federal Ministry of Research and Technology)
BMFT	Bundesministerium für Verteidigung (Federal Ministry for Defence)
BMPT	Bundesamt für Post and Telekommunikation
BNIA	Bureau National d'Informations Aéronautiques
BNSC	British National Space Center
BNT	Groupe Belge des Normes de Télécommunications
BOREAS	Boreal Ecosystem - Atmosphere Exchange Study
BPC	Biomass Production Chamber
BPR	Business Process Re-engineering
bps	bits per second
BPSK	Binary Phase Shift Keying - Digital DSB suppressed carrier modulation
BR	Radiocommunications Bureau
BRDF	Bi-directional Reflectance Distribution Function
brg	bearing
BRIA	Bureau Regional d'Informations Aéronautiques
BRITE	Basic Research in Industrial Technologies for Europe



iFly - Acronyms



BRITE	Bright Radar Tower Equipment
B-RNAV	Basic Area Navigation (RNP-5 compliant)
BS	British Standard
BSA	Baanverlichting besturingssysteem Airside
BSE	Bovine Spongiform Encephalopathy (or: mad cow disease)
BSI	British Standards Institute
BSIC	Base Transceiver Station Identity Code
BSS	Broadcasting-Satellite Service
BSS	Base Station System
BSU	Beam Steering Unit
BT	British Telecom
BT	Business Telecommunications (as used by ETSI)
BT	Business Trajectory
BTA	Basic Trading Area
BTIV	Bureau de Transmission des Informations de Vol
BTS	Base Transceiver Station
BUEC	Backup Emergency Communications
BWR	Boiling Water Reactor
BWST	Borated Water Storage Tank
C/A	Course Acquisition
C/E net	Conditions/Events net
c/s	Client Server
C ³ I	Command, Control, Communications, and Intelligence
CA	Conflict Alert
CA	Consortium Agreement
CAA	Civil Aviation Authority (UK and Australia)
CAA	Computational Aero Acoustics
CAAC	Chinese Civil Aviation Authority
CAASD	FAA Centre for Advanced Aviation System Development
CAATS	Canadian Automated Air Traffic System
CAATS	Cooperative Approach to Air Traffic Services
CAB-FLIGHT	CAuse-based Behaviour model for FLIGHT procedures
CACC	Civil Aviation Communication Centre
CAD	Computer Aided Design
CAD	Computer-Aided Dispatch
CADDETC-Harmonix	CADCAM Data Exchange Technical Centre
CADEX	CAD Geometry Data Exchange
CADH	Communications and Data Handling
CADI	CAD Interfaces
CADLAG	Continu à Droite, Limites à Gauche (right-continuous, left hand limits)
CAE	Computer-Aided Engineering



iFly - Acronyms



CAE	Control Area Extension
CAER	Computer Assistance (Aided?) for En-Route
CAESAR	CCD Airborne Experimental Scanner for Applications in Remote Sensing
CAG	Circulation Aérienne Générale
CAG	Commercial Advocacy Group
CAGD	Computer Aided Geometric Design
CAI	Common Air Interface
CAI	Certification Action Item
CAIG	CNS ATM-1 Airline Integration Group
CAIR	Confidential Aviation Incident Reporting
CAIV	Cost as an independent variable
CAM	Circulation Aérienne Militaire
CAM	Computer Aided Manufacturing
CAMELIA	Conception d'Applications et Moyens d'Évaluation des Liaisons de données Air-sol
CAMI	Computer Aided Manufacturing International
CANSO	Civil Air Navigation Services Organisation
CAP	Cruise Acceleration Point
CAP	Canada Air Pilot
CAP	Competitive Access Provider
CAP	Centre d'Analyse et de Programmation
CAP	Combat Air Patrol
CAPE-Open	Open Computer Aided Process Engineering
CAPO	Centre for Aircraft Performance and Operations
CAPP	Computer Aided Process Planning
CAPS	Communication and Access to information for Persons with Special needs (TIDE project)
CAPSIN	CAA Packet Switched Integrated Network
CAR	Canadian Aviation Regulations
CARAC	Canadian Aviation Regulation Advisory Council
CARAT	Computer Aided Route Allocation Tool
CARD II	CNS Applications Research & Development
CARE	Co-operative actions of R&D in Eurocontrol
CARE-ASAS	Co-operative Action of R&D in Eurocontrol on Airborne Separation Assurance Systems
CARF	Central Altitude Reservation Function
CARS	Community Aerodrome Radio Station
CARS	Cable Television Relay Service
CARTE	Collaboration on Aeronautical Research and Technology in Europe
CAS	Calibrated Air Speed
CAS	Close Air Support
CASA	Computer Assisted Slot Allocation
CASA	Construcciones Aeronauticas SA (E)
CASA	Civil Aviation Safety Agency (CAA in Australia)



iFly - Acronyms



CASA	Carnegie Ames Stanford Approach
CASCADE	(Certification and Assessment of Safety Critical Application Development)
CASCADE	Contribution for Assessment of Common ATM Development in Europe
CASE	Computer Aided Software Engineering
CASG	Civil Avionic Support Group
CASH	Coordination of Activities for Standardisation of Hades
CASI	Compact Airborne Spectrographic Imager
CASS	Computer Assisted Stratification and Sampling
CASST	Commercial Aviation Safety Strategy Team
CAST	Commercial Aviation Strategy Team
CAST	Consequences of future ATM systems for air traffic controller Selection and Training category
cat	category
CAT	Compute Aircraft Trajectory
CAT	Clear Air Turbulence
CAT I	Category I approaches
CATIA	Computer-aided, three-dimensional interactive application (product name)
C-ATM	Co-operative ATM
CATMAC	Cooperative Air Traffic Management Concept
CATV	Cable Television also Community Antennae Television
CAUTRA	Coordonnateur AUTomatique du TRafic Aérien
CAVA	Concerted Action on Validation of ATM systems
CAVOK	Ceiling and Visibility OK (good VFR weather)
CAW	Carrier Air Wing
CAZ	Collision Avoidance Zone
CB	Citizens Band
CBA	Cost Benefit Analysis
CBA	Cross Boundary Area
CBD	Commerce Business Daily
CBP	Community Based Policing
CBT	Computer Based Training
CBW	Command Button Window
CC	Conformance Class
CCA	Common Cause Analysis
CCAFS	Cape Canaveral Air Force Station
CCCI	Command, Control, Communications, and Intelligence
CCDS	Center for the Commercial Development of Space
CCF	Central Control Function
CCF	Central Computing Facility
CCIR	Comit, Consultatif International des Radiocommunications (ITU-R)
CCITT	Consultative Committee on International Telephony and Telegraphy
CCITT	International Telegraph & Telephone Consultative Committee (Comité Consultatif International Télégraphique et Téléphonique)



iFly - Acronyms



CCN	contract change notice
CCN	cloud condensing nuclei
C-CORE	Centre for Cold Ocean Resources Engineering (Canada)
CCRS	Canada Centre for Remote Sensing
CCRSP	California Cooperative Remote Sensing Project
CCSDS	Consultative Committee for Space Data Systems
CCSF	Central Chemical Storage Facility
CCTs	computer compatible tapes
CCTV	Closed Circuit Television
CD	Call Deflection
CD	Common Digitizer
CD	Conflict Detection
CD&R	Conflict Detection and Resolution
CDA	Continuous Descent Approach
CDA	Current Data Authority
CDA	Canadian Domestic Airspace
CDA	Command and Data Acquisition
CDC	Computer Display Channel
CDC	Committee Draft for Comment
CDC	Center for Disease Control
CDDT	Countdown demonstration Test
CDF	California Department of Forestry and Fire Protection
cdf	Cumulative Distribution Function
CDI	Course Deviation Indicator
CDM	Collaborative Decision Making
CDMA	Code Division Multiple Access
CDP	Cruise Deceleration Speed
CDPD	Cellular Digital Packet Data
CDR	ConDitional Route
CDR	Continuous Data Recording
CDRL	Contract Data Requirements List
CD-ROM	Compact Disc-Read Only Memory
CDS	Control Data Systems
CDS	Command and Data Subsystem
CDTI	Cockpit Display of Traffic Information
CDU	Control and Display Unit
CE	Concurrent Engineering
CEA	Cost Effectiveness Analysis
CEA	Center for EUV Astrophysics
CEA/IBS	Institute of Structural Biology in Grenoble
CEAC	Conference Européenne de l'Aviation Civile (see ECAC)
CEATS	Central European Air Traffic Services



iFly - Acronyms



CEC	Commission of the European Communities
CEE	Central and Eastern Europe
CEECs	Central and Eastern Europe Countries
CELP	Coded Excited Linear Predictive
CELSS	Closed Ecological Life Support System
CEN	Comité Européen de Normalisation
CEN	Commune Européene Normalisation
CENA	Centre d'Étude de la Navigation Aérienne (France)
CENELEC	Comité Européen de Normalisation Électronique (European Committee for Electrotechnical Standardisation)
CEOOWG	Commercial Earth and Ocean Observations Working Group
CEOS	Committee on Earth Observation Satellites
CEP	Central East Pacific
CEPEX	Central Equatorial Pacific Experiment
CEPT	Conference des Administrations Européens des Postes et Télécommunications
CEPT	European Conference of Postal and Telecommunications Administrations
CER	Cost Estimating Relationship
CERAP	Center/Radar Approach Control
CERCO	Comité Européen des Responsables de la Cartographie Officielle
CERES	Clouds and Earth's Radiant Energy System
CERI	Civil Engineering Research Institute
CERN	European Organisation for Nuclear Research
CES	Cognitive Environment Simulation
CESAR	Central European Satellite for Advanced Research
CESNAC	Centre d'Exploitation des Systemes de la Navigation Aérienne Centraux
CETP	Centre d'Étude des Environnements Terrestres et Planétaires
CEU	Central Executive Unit (de la CFMU)
CEU	Central European Union
CFB	Call Forward Busy
CFC	Chlorofluorocarbon
CFCF	Central Flow Control Function
CFD	Computational Fluid Dynamics
CFE	CNS Functional Element
CFF	Columbus Free Flyer
CFI	Certified Flight Instructor (USA)
CFII	Certified Flight Instructor IFR (USA)
CFIT	Controlled Flight Into Terrain
CFMU	Central Flow Management Unit (of Eurocontrol)
CFNR	Call Forward No Reply
CFP	Centrifuge Facility Project
CFR	Code of Federal Regulations
CFR	Code of Federal Regulations



iFly - Acronyms



CFRP	Carbon Fibre Reinforced Plastic
CFS	Canada Flight Supplement
CGF	Crystal Growth Furnace
CGM	Computer Graphics Metafile
CGO	Cargo
CGRC	Crop Growth Research Chamber
CGRO	Compton Gamma Ray Observatory
CGSA	Cellular Geographic Service Area
CHAART	Center for Health Applications of Aerospace-Related Technologies
CHARA	Center for High Angular Resolution Astronomy
CHEP	Conditional Human Error Probability
CHG	flight plan CHanGe message
CHI	Computer Human Interface
CHIRP	Confidential Human Factors Incident Reporting Programme
CHP	California Highway Patrol
CIC	Clearances and Information Communications
CIC	Carrier Identification Code
CIC	Continuous Improvement Council
CIDIN	Common ICAO Data Interchange Network
CIM	Computer Integrated Manufacturing
CIMAH	Control of Industrial Major Hazards
CIMSTEEL	Computer Integrated Manufacturing of constructional Steelwork
CINCAT	Capacity INcrease through Computer/Controller Assistant Tools
CIP	Convergence and Implementation Programme
CIP	Capital Investment Program
CIP	Centro de Investigacion de Paludismo
CIRA	Centro Italiano Ricerche Aerospazial
CIRRIS	Cryogenic Infrared Radiance Instrument for Shuttle
CIS	Cockpit Information System
CIS	Co-operative Independent Surveillance
CISC	Complex Instruction Set Computer (i.e., can perform multiple operations per instruction)
CISI	Compagnie Internationale de Services en Informatique (F)
CIT	Current Issues in Transport
CIT	Chartered Institute of Transport
CIT	California Institute of Technology (CalTech)
CITE	Chemical Instrumentation Test and Evaluation
CITE	Cargo Integration Test Equipment
CITEL	Inter-American Telecommunications Commission
CITRAC	Common Interface for TRAjectory Computation
CITRAC	Centrally Integrated TRAffic Control (Glasgow)
CIU	Cabin Interface Unit



iFly - Acronyms



CIV	Civil
CIX	Commercial Internet Exchange
CLAES	Cryogenic Limb Array Etalon Spectrometer
CLEC	Competitive Local Exchange Carrier
CLEOPATRA	City Laboratories Engaged in ?
CLFC	Closed Loop Feedback Control
CLI	Calling Line Identity/Identification
CLIN	Contract line item number
CLIP	Calling Line Identity Presentation
CLIR	Calling Line Identification Restriction
CLNP	ConnectionLess Network Protocol
CLR	Clearance (or cleared)
CLSD	Closed
CLT	Central Limit Theorem
CM	Communications Manager
CM	Configuration Management
CM	Control Management
CMA	Context Management Application
CMAPX	Centre de Mathématiques appliquées de l'X
CMCC	Central Mission Control Centre
CMNPS	Canadian minimum navigation performance specifications airspace
CMOS	Complementary Metallic Oxide Semiconductor
CMR	Cellular Mobile Radio
CMRS	Commercial Mobile Radio Services
CMS	Common Modular Simulator
CMSS	Commercial Mobile Satellite Systems
CMT	Continuous Memory Task
CMU	Central Management Unit
CMU	Communications Management Unit
CNAE	Customer Network Access Equipment
CNES	Centre National d'Études Spatiales
CNET	Centre National d'Études des Télécommunications
CNM	Customer Network Management
CNRS-LMD	Centre National de la Recherche Scientifique - Laboratoire de la Meteorologie Dynamique
CNS	Communication, Navigation and Surveillance
CNSF	CTAS/NARSIM Simulation Facility
CO	Commanding Officer
COADS	climatological data assembled over several decades
COALAS	COastal And LAnd Satellite
COBA	COst Benefit Analysis (program used for UK road schemes)
COBE	Cosmic Background Explorer



iFly - Acronyms



COD	Carrier On-Board Delivery
CODA	Central Office for Delay Analysis
CODATU	Conference sur le Developpement et l'Amenagement des Transports Urbains dans les Pays en Developpement
CoE	Centre Of Expertise
COF	Columbus Orbital Facility
CofF	Construction of Facilities
COG	Council of Governments
COGENT	Cognitive Event Tree (system)
COGNET	COGnitive NETwork of Tasks
COIN	Counter-Insurgency
COLP	Connected Line Identification Presentation
COLR	Connected Line Identification Restriction
COM	Commuter
COM	Communications
COM	Component Object Modelling
COMAC	Committee On Medicine And Computers (DG XII)
COMETT	Community Programme in Education and Training for Technology
COMM	Commission
COMPAS	Computer Oriented Metering, Planning, and Advisory System
COMPTEL	(Imaging) Compton Telescope
COMRING	COMmunication RING
COMSAT	Communications Satellite
COMSAT	Commercial Mobile Satellite Systems
CoNGA	Constellation of New Generation Altimeters
CONOPS	Concepts for National Airspace System Operations
ConOps	Concept of OPerationS
CONTAMRUNWAY	Take-off and Landing on Runways Contaminated by Standing Water, Slush or Snow
CONTESSE	Contribution of Testing Using Simulated Software and System Environments to the Safety of Programmable Electronic System
CONTRAM	CONTinuous TRaffic Assignment Model
CONTREPOINT	Projet de Planning Multi-Secteur du trafic aérien
CONUS	Continental United States
COP	Code of Practice
COPE	Coalition of Private Users of Emerging Multimedia Technologies
COPI	Co-Pilot
CORBA	Common Object Request Broker Architecture
CORDIS	Community Research and Development Information Service
CORE	Consensus creation and awareness for research and development activities in technology for disabled and elderly people (TIDE project)
CORENA	Comité d'ORientation des Études de la Navigation Aérienne
CORTA	Cellule d'Organisation et de Regulation du Trafic
COSPAR	Committee On SPACe Research



iFly - Acronyms



COSS	Common Object Services Specification
COST	European Cooperation in the field Of Scientific and Technical research
COSTAR	Corrective Optics Space Telescope Axial Replacement
COTR	Technical Representative of the Contract Officer
COTS	Commercial off-the-shelf
COW	Cell Sites on Wheels
CP	Communications Protocol
CP	Conflict Prevention
CPAS	Cellular Priority Access Service
CPC	Community Patent Convention
CPC	Channel Performance Criterion
CPCG	Commercial Protein Crystal Growth
CPDLC	Controller to Pilot Data Link Communication
CPIC	Common Programming Interface Communications
CPL	Commercial Pilots Licence
CPN	Coloured Petri Net
CPS	Concepts, Procedures and Scenarios
CPS	Central Processor Subsystem
CPU	Central Processing Unit
CR	Conflict Resolution
CR	Correlation Radiometer
CRAF	Comet Rendezvous Asteroid Flyby
CRAM	Conditional Route Advisory Message
CRC	Cyclic Redundancy Check
CRCO	Central Route Charges Office (of Eurocontrol)
CRD	Control Rod Drive
CRDA	Converging Runway Display Aid
CRDA	Cooperative Research and Development Agreement
CRDR	Control Room Design Review
CREAM	Cosmic Radiation Effects and Activation Monitor
CREATE	Cognitive Reliability Assessment Technique
CREST	Scientific and Technical Research Committee (of the EU)
CRFI	Canadian Runway Friction Index
CRI	Certification Review Item
CRISTA	Cryogenic Infrared Spectrometer Telescope for Atmosphere
CRL	[Japan] Communication Research Lab.
CRM	Collision Risk Model
CRNA	Centre Regional de la Navigation Aérienne
CRO	Control Room Operator
CRRES	Combined Release / Radiation Effects Satellite
CRS	Conditional Route System (FUA: "Temporary Airways" on request)
CRS	Computer Reservation System



iFly - Acronyms



CRs	Change Requests
CRT	Collision Risk Tree
CRT	Cathode Ray Tube
CRV	Crew Rescue Vehicle
CS	Chief Scientist
CSA	Canadian Space Agency
CSA	Cooperative Separation Assurance
CSD	Context and Scope Document (EATMS)
CSD	Computer Services Division
CSDN	Circuit Switched Data Network
CSG	Constructive Solid Geometry
CSG	Guiana Space Centre
CSI	Cost-Sharing Index
CSIRO	Commonwealth Scientific and Industrial Research Organization
CSM	Cognitive Simulation Model
CSM	Command and Service Module
CSMA	Carrier Sense Multiple Access
CSMA/CD	Carrier Sense Multiple Access with Collision Detection
CSPA	Closely Spaced Parallel Approach
CSPDN	Circuit Switched Public Data Network
CSRDF	Crew Station Research and Development Facility
CSS	Cascading Style Sheet
CSS	County Surveyors' Society (UK)
CSZ	Comfort Separation Zone
CT-2	Second generation Cordless Telephone, UK
CTA	Cognitive Task Analysis
CTA	Controlled Time of Arrival
CTAF	Common Traffic Advisory Frequency
CTAS	Center/TRACON Automation System
CTB	Co-operative Tube Based (ATLAS)
CTI	Computer Telephony Integration
CTIA	Cellular Telecommunications Industries Association
CTIO	Cerro Tololo Inter-American Observatory
CtIPN	Controlled Petri Net
CTM	Collapsible Tube Mast
CTMC	Continuous Time Markov Chain
CTO	Calculated Time Over regulation
CTOL	Conventional Take-Off and Landing
CTOT	Calculated Take-Off Time
CTR	Control Zone
CTR	Common Technical Regulation
CTV	Crew Transport Vehicle



iFly - Acronyms



CU	Cumulus
CUST	Customs
CV	Carrier, Heavier-than-Air
CVA	Chartered Visual Approach
CVFP	Chartered Visual Flight Procedure approach
CVFR	Controlled VFR (still existing in some countries)
CVN	Carrier, Heavier-than-Air, Nuclear Powered
CVR	Cockpit Voice Recorder
CVSD	Continuously Variable Slope Delta (modulation)
CVSRF	Crew-Vehicle Systems Research Facility
CW	Command Window
CW	Continuous Wave
CW	Call Waiting
CWA	Center Weather Advisory
CWP	Controller Working Position
CYSF	Cape York (Australia) Space Facility
CZ	Control Zone
CZCS	Coastal Zone Color Scanner
D/L	Data Link
D/L	Directorate of Launchers
D/LNA	Diplexor/Low Noise Amplifier
D/MSM	Directorate of Manned Spaceflight and Microgravity
D/TEL	Directorate of Telecommunications Programmes
D8PSK	Differential 8-level Phase Shift Keying
DA	Descent Advisor
DA	Decision Altitude
DA VINCI	Departure and Arrival Integrated Management System for Cooperative Improvement of Airport Traffic Flow
DA/H	Decision Altitude/Height
DAAC	Distributed Active Archive Center
DAARWIN	Distributed ATM Architecture based on RNAV, Workstations, Intelligent tools and Networks
DAAS	Dependability Approach to ATM System
DAB	Defence Acquisition Board
DAB	Digital Audio Broadcasting
DAC	Direction de l'Aviation Civile
DADC	Digital Air Data Computer
DADI	Datalinking of Aircraft Derived Information
DAF	Demand Adjustment Factor
DAH	Designated Airspace Handbook
DAP	Digital AutoPilot/autothrottle
DAP	Downlink Aircraft Parameter (Mode S Transponder)
DAPCA	Development and Procurement Cost of Aircraft (cost model)



iFly - Acronyms



DARPA	Defence Advanced Research Projects Agency
DARS	Digital Audio Radio Service
DARTS	Demonstration of Advanced Reliability Techniques for Safety-Related Computer System
DASA	Deutsche Aerospace AG, Muenchen (D)
DASR	Digital Airport SURveillance Radar
D-ATIS	Digital Automatic Terminal Information Service
DATUM	Dependability Assessment of Safety-Critical Systems Through the Unification of Measurable Evidence
DB	Database
dB	Decibel
DBE	Database Eurocontrol
DBE	Decision-Based Error
DBF	Digital Beam Former
dB _i	Decibel, Isotropic
dB _m	Decibel, Milliwatt
DBMS	Database Management System
DBRITE	Digital Bright Radar Indicator Tower Equipment
DBS	Direct Broadcast Satellite
DCA	Directorate of Civil Aviation
DCB	Demand and Capacity Balancing
DCDU	Datalink Control/Communication and Display Unit
DCE	Department of Civil Engineering
DCI	Data Collection Instrument
DCIA	Dependent Converging Instrument Approach
DCMC	Defence Contract Management Command
DCO	Departure Control
DCPC	Direct Controller-Pilot Communications
DCPN	Dynamically Coloured Petri Net
DCPR	Defence Contractors Planning Report
DCRDR	Detailed Control Room Design Review
DCS	Departure Control System
DCT	direct
DDF	Director's Discretionary Fund
DDL	Digital Datalink
DDM	Diagnosis Difficulty Matrix
DDR	Deputy Director for Research (of Institute for Transport Studies)
DDT	(ex) Deputy Director for Teaching (of Institute for Transport Studies)
DEA	Drug Enforcement Administration
DECOLO	DECONexion Logique
DEFAMM	DEmonstration Facilities for Airport Movement Management
DEG	Degrees
DEL	Delay/delayed



iFly - Acronyms



DELAYS	Tool for measuring airport delays
DELTA	Debris Environment Long-Term Analysis tool
DEM	Digital Elevation Model
DEMON	Demonstrateur PHIDIAS en Milieu Operationnel Normal
DEMS	Digital Electronic Message Service
DEP	Departure
DERA	Defence Evaluation and Research Agency
DES	Data Encryption Standard
DETAM	Dynamic Event Tree Analysis Method
DETR	Department of the Environment, Transport and the Regions
DETRESFA	Distress Phase
DEVA	Design for Validation
DEW	Distant Early Warning
DF	Direction Finder
DFG	Deutsch Forschungs Gemeinschaft
DFID	Department for International Development (UK)
DFPS	Data Fusion Processing System
DFRC	Dryden Flight Research Center
DFS	Deutsche FlugSicherung GmbH
DFTI	Distance From Threshold Indicator
DG	Directorate General
DG	Director General (or: Direction Générale e.g. EU)
DG VII	DG for Transport
DG XIII	DG for (inter alia) Telematics networks and services applied to transport
DGAC	Direction Générale de l'Aviation Civile (French CAA)
D-GNSS	Differential GNSS
DGPS	Differential Global Positioning System
DH	Decision Height
DHR	Decay Heat Removal
DIAL	Differential Absorption Lidar
DI-MOD	Biospheric Modeling and Disease Prediction
DIN	Deutsches Institut für Normung
DINSAR	Differential INSAR
DIS	Distributed Interactive Simulation
DIS	Draft International Standard
DISA	Defence Information Systems Agency
DISA	Data Interchange Standards Association
DISC	Delivering Information Systems to Customers
DISCOS	Database and Information System for the Characterisation of Objects in Space
DISPAD	DIScos Publication And Documentation system
DL	Data Link
DLA	DeLAy message



iFly - Acronyms



DLAP	Datalink Applications Processor
DLC	controller pilot DataLink Communication
DLG	Digital Line Graph
DLIC	Datalink Initiation Capability
DLR	Deutsche Forschungsanstalt für Luft- und Raumfahrt
DLS	Descent and Landing System
DLW	Data Link WIndow
DM	Departure Manager
DMAT	Disaster Medical Assistance Team
DME	Distance Measuring Equipment
DME/N	Distance Measuring Equipment (Conventional)
DME/P	Distance Measuring Equipment-Precision (MLS)
DMN	Data Multiplexing Network
DMS	Display Management System
DMSO	Defence Modeling and Simulation Office
DMV	Department of Motor Vehicles
DNA	Direction de la Navigation Aérienne
DND	Department of National Defence
DNE	Direct Numerical Estimation
D-NOTAMS	Digital NOTAMS
DNs	digital numbers
DNW	Duits-Nederlandse Windtunnel (German-Dutch Wind Tunnel)
DO	Document (RTCA)
DOD	U.S. Department Of Defence
DOE	U.S. Department Of Energy
DoE	(ex) Department of the Environment
DoF	Degree-of-Freedom
DOI	Department of Interior
DOI	Departement Outils et Interface (Dpt 3) du CENA
DOP	Dilution of Precision
DORATASK	(Department of Operational Research and Analysis) TASK
DOT	Department of Transportation (U.S.)
DOTS	Dynamic Ocean Tracking System
DP	Deceleration Point
DP	Display Processor
DPAC	Direction des Programmes Aéronautiques Civils
DPI	Dots Per Inch
DPSK	Differential Phase Shift Keying - a simplified BPSK where only data transitions are transmitted
DQTS	Data Quality Tool Set
DR	Dead Reckoning
DRA	Defence Research Agency



iFly - Acronyms



DRAC	Direction Regionale de l'Aviation Civile
DRACULA	Dynamic Route Assignment Combining User Learning and microsimulAtion
DRAM	Dynamic Random Access Memory
DREAMS	Dynamic Reliability technique for Error Assessment in Man-Machine Systems
DRHAF	Direction des Ressources Humaines et des Affaires Financieres
DRIVE	Dedicated Road Infrastructure for Vehicle Efficiency & Safety in Europe
DRTM	Data Relay & Technology Mission Programme
DRUIDES	Determination des Regles d'Utilisation et d'Implementation du Data link pour les Echanges Sol-bord
DSB	Defence Science Board
DSB-AM	Dual Side Band - Amplitude Modulation
DSC	DownStream Clearances
DSC	Digital Selective Calling
DSCS	Defence Satellite Communications System
DSNA	DSNA-DTI-SDER (formerly CENA)
DSP	Digital Signal Processing
DSPN	Deterministic and Stochastic Petri Net
DSR	Display System Replacement
DSRC	Dedicated Short Range Communication
DSS	Decision Support Systems
DST	Decision Support Tools
DTA	Direction des Transports Aériens
DTA	Distance of Turn Anticipation
DTD	Digital Terrain Data
DTI	Department of Trade & Industry
DTK	Desired Track
DTMC	Discrete Time Markov Chain
DTMF	Dual-Tone-Multi-Frequency
DTOP	Dual Threshold Operation (is related to HALS)
DTp	(ex) Department of Transport
DTR	Dynamic Track Rerouting
DTRS	Digital Trunked Radio System
DTS	Digital Termination Service
D-TWIPS	Digital TWIPS
DUAT	Direct User Access Terminal
DUATS	Direct User Access Terminal System
DUS	Distributed User Services
DVFR	Defence Visual Flight Rules
DVOR	Doppler VHF Omnidirectional Range
DWL	Doppler Wind Lidar
DXF	Data eXchange Format
DYLAM	Dynamic Logical Analytical Methodology



iFly - Acronyms



DYN	Dynamic
DYNAMO	Dynamic ATM Models
DYNAV	Dynamic Route Availability
E/E/PES	Electrical, Electronic, Programmable Electronic Systems
EA	Event Analysis
EAA	Experimental Aircraft Association
EAC	Expected Approach Clearance time
EACI	EATMS Architecture and CNS Infrastructure
EAGLES	European Air/Ground Laboratory for Efficient System Integration
EAM	Eurocontrol Airspace Model
EANPG	European Air Navigation Planning Group
EAP	Experimental Aircraft Program (Eurofighter EF-2000 predecessor)
EARTS	Enroute Automated Radar Tracking System
EASA	European Aviation Safety Authority (planned to replace JAA)
EASIE	Enhanced Air traffic management and mode S Implementation in Europe
EASOE	European Arctic Stratospheric Ozone Experiment
EAT	Expected Approach Time
EATCHIP	European Air Traffic Control Harmonisation and Integration Programme
EATMP	European Air Traffic Management Programme
EATMS	European Air Traffic Management System
EBAA	European Business Aviation Association
EBL	Edward Boyle Library
EBRD	European Bank for Reconstruction & Development
EBRM	Electronic Bearing and Range Marker
EBU	European Broadcasting Union
EC	European Commission (1986-) (of: European Communities)
EC	Economic Conditions
ECA	European Cockpit Association
ECAC	European Civil Aviation Conference ("Association" of Europe's CAAs)
ECAM	Electronic Centralised Aircraft Monitoring
ECARDA	European Coherent Approach for Research and technology development in ATM
ECAT	EATMS Concept Analysis Tool
ECBAG	EATCHIP Cost Benefit Advisory Group
ECC	Emergency Co-ordination Centre
ECC	Emergency Communications Center
ECC	Error Correction Codes
ECCAIRS	European Co-ordination Centre for the mandatory Aircraft Incident Reporting Systems
ECCM	Electronic Counter-CounterMeasures
ECCS	Emergency Core Cooling System
ECLECTIC	Electronic separation Clearance Enabling the Crossing of Traffic under Instrument meteorological Conditions
ECLS	Environment Control and Life Support



iFly - Acronyms



ECM	Electronic CounterMeasures
Ecm	Econometrics
ECMT	European Council of Ministers of Transport
ECMWF	European Centre for Medium-range Weather Forecast
ECNOD	ESA Computer and Networks Operations Department
ECOFIN	Economic and Finance Ministers
ECOSAT	Ecosystem Science and Technology
ECOTTRIS	European Collaboration on Transition Training for Improved Safety
ECR	EATMS Concept and Requirements subgroup
ECSI/ESCI?	European CAD Standardisation Initiative
ECTF	EATMS Concept Task Force
ECU	European Currency Unit
ECU	European Currency Unit
ECVS	Emergency Communications Voice System
ED	EUROCAE Document
EDACS	Enhanced Digital Access Communications System
EDAS	European Delay Analysis System
EDB	Engineering DataBase
EDC	Eros Data Center
EDCM	Enhanced Collaborative Decision Making
EDCT	Expected Departure Clearance Time
EDD	Electronic Data Display
EdF	Électricité de France
EDI	Electronic Data Interchange
EDIF	Electronic Data Interchange Format
EDIFACT	Electronic Data Interchange for Administration, Commerce and Trade
EDIS	Emergency Digital Information System
EDM	Electronic Document Management
EDO	Extended Duration Orbiter
EDP	Electronic Data Processing
EDS	Electrical Distribution System
EE	Environmental Economics
EEC	Eurocontrol Experimental Centre
EEC	European Economic Community
EEG	Electroencephalogram
EEMUA	Engineering Equipment and Materials Users Association
EEP	End Exercise Point
EET	Estimated Elapsed Time
EF	Error Factor
EFA	European Fighter Aircraft(Eurofighter EF-2000 predecessor)
EFAM	Extreme Floods Alarm Mission
EFC	Expected Further Clearance Time



iFly - Acronyms



EFIS	Electronic Flight Instrument/Information System
EFMS	Experimental Flight Management System
EFR	Extended Flight Rules
EFTA	European Free Trade Association
EGA	Enhanced Graphics Display
EGNOS	European Geostationary Navigation Overlay Service
EGNOS TRAN	EGNOS (European Geostationary Overlay Service) Terrestrial Regional Augmentation Network
EGOA	Enhanced General aviation Operations by ADS-B
EGPWS™	Enhanced Ground Proximity Warning System from Honeywell
EHC	Electro Hydraulic Control
EHF	Extremely High Frequency - a signal in the frequency range of from 30 to 300 GHz
EHP	Equivalent Horsepower
EHQ	Eurocontrol Headquarters
EHS	(DOE) Environmental Health and Safety
EHSI	Electronic Horizontal Situation Indicator
EIA	Electronic Industries Association
EIAJ	Electronic Industries Association of Japan
EIRP	Equivalent Isotropically Radiated Power
EIS	Executive Information System
ELBA	Emergency Location Beacon - Aircraft
ELECTRA	Ensemble Logiciel pour l'Enseignement du Contrôle du Trafic Aérien
ELEV	Elevation
ELF	Extremely Low Frequency - a signal in the frequency in the range from 30 to 300 kHz
ELFAA	European Low Fares Airline Association
ELGRA	European Low Gravity Research Association
ELINT	Electronic Intelligence
ELISA	Élaboration des Informations sur la Situation Aérienne
ELT	Emergency Locator Transmitters
EM	Exploitation Manager
EMC	Embedded Markov Chain
EMC	Electromagnetic Compatibility
EMD	Emergency Management and Disaster Services
EMERALD	EMerging RTD Activities of relevance to ATM concept Definition
EMERTA	EMerging Technologies opportunities, issues and impact on ATM
EMI	Electro-Magnetic Interference
EMIR	European Microgravity Research Programme
EMP	Electromagnetic Pulse
EMRS	Emergency Medical Radio Service
EMS	Emergency Medical Services
EMSI	European Manned Space Infrastructure
EMT	Emergency Medical Technician



iFly - Acronyms



ENAC	École Nationale de l'Aviation Civile
ENAV	Ente Nazionale di Assistenza al Volo
ENG	Electronic News Gathering
ENVISAT	ENVIronmental SATellite
EO	Equipment Operator
EO	Earth Observations
EO	Electro-Optical
EOBT	Estimated Off-Block Time
EOC	Emergency Operations Center
EOCAP	Earth Observations Commercial Applications Program
E-OCVM	European Operational Concept Validation Methodology
EOD	Explosive Ordnance Disposal
EODP	EATMS Option-Discussion Paper
EOG	Electrooculogram
EOLIA	European pre-Operational data LInk Applications
EOP	Emergency Operating Procedure
EOPP	Earth Observation Preparatory Programme
EOS	Estrack Operations Supplement
EOS	Earth Observatory Satellite
EOS	Earth Observation Satellite
EOS	Earth Observing System
EOSDIS	Earth Observations Satellite Data Information System
EOSDIS	Earth Observing System Data and Information System
EP	Electric Propulsion
EP	European Parliament
EPA	Environmental Protection Agency
EPC	Error Producing Condition
EPC	European Patent Convention
EPDHS	Environmental Payload Data Handling demonstrator
EPG	Emergency Procedure Guideline
EPIC	European Programme for the Implementation of a Common geodetic reference frame
E-PIREP	Electronic Pilot Report
EPISTLE	European Process Industries STEP Technical Liaison Executive
EPRI	Electric Power Research Institute
EPS	Encapsulated Postscript
EPS	Eumetsat Polar System
EPSRC	Engineering & Physical Sciences Research Council (UK)
EPU	Estimate of Position Uncertainty
ER	Extended Range
ER	En-route
ERA	European Regional Airlines Association
ERA	European Robotic Arm



iFly - Acronyms



ERASMUS	En Route Air Traffic Soft Management Ultimate System
ERAST	Environmental Research Aircraft and Science Technology
ERAT	EATMS Requirements Analysis Tool
ERATO	En-Route Air Traffic Organizer
ERB	Earth Radiation Budget
ERBE	Earth Radiation Budget Experiment
ERBS	Earth Radiation Budget Satellite
ERDA	U.S. Energy Research and Development Administration (now DOE)
ERG	Electromagnetic Rail Gun
ERM	Earth Radiation Mission
EROS	Earth Resources Observation System
ERP	Event-Related Potentials
ERS	Emergency Recovery System
ERS	Earth Resources Satellite
ERS	European Remote-Sensing Satellite
ERS	Environmental Research Satellite
ERTICO	European Road Transport Informatics Coordination Organisation
ESA	Ecological Society of America
ESA	European Space Agency
ESAA	Earth Science Advanced Aircraft
ESACOM	ESA COMmunications infrastructure
ESAD	Earth Science and Applications Division
EsaLOD	ESA Log of On-orbit and Decayed Objects
EsaLOF	ESA Log On-Orbit Fragmentations
EsaLOG	ESA Log of Objects Near GEO
ESALS	Emergency Safety Actuation and Logic System
EsaROS	ESA Register of Objects in Space
ESARR	Eurocontrol Safety Regulatory Requirement
ESC	ElectroStatic Cleanliness
ESCAPE	Eurocontrol Simulation Capabilities And Platform for Experimentation
ESCAT plan	Emergency Security Control of Air Traffic Plan
ESD	Event Sequence Diagrams
ESD	Earth Science Division
ESDD	Earth Science Data Directory
ESE	École Supérieure d'Electricité
ESF	Energy Share Factor
ESF	Engineered Safety Factor
ESHHP	Equivalent Shaft Horsepower
ESIP	EDA Standards Integration and Promotion Project
ESMR	Enhanced Specialized Mobile Radio
ESOC	European Space Operations Centre
ESPRIT	European Strategic Programme for Research and Development in Information



iFly - Acronyms



	Technology
ESRC	Economic and Social Research Council (UK)
ESRI	European Space Research Institute
ESTEC	European Space Research and Technology Centre
ESTEEM	Elaboration of a Strategy for the Transition from EATCHIP phase III to the European Air Traffic Management System
ET	Event Tree
ETA	Event Tree Analysis
ETA	Estimated(/Expected) Time of Arrival
ETA	Expected Time to Arrival
ETA	Economics of Transport Appraisal
ETC	End-to-End Test Capability
ETC	Electronic Toll Collection
ETD	Estimated Time of Departure
E-TDMA	Extended Time Division Multiple Access
ETE	Estimated Time En-route
ETF	European Transport Forum (run by PTRC)
ETH	Eidgenössische Technische Hochschule
ETHZ	Eidgenössische Technische Hochschule Zürich
ETL	Event Time Line
ETMA	Extended TMA
ETMS	Enhanced Traffic Management System
ETO	Estimated Time Over regulation
ETOPS	Extended range Twin-engine Operational Performance Standards
ETOPS	Extended Twin Overwater Operations (or: Engines Turn Or Passengers Swim)
ETOT	Estimated Take-Off Time
ETPN	Exponential Timed Petri Net
ETR	Extra Track Rate
ETR	Economics of Transport Regulation
ETRF	European Terrestrial Reference Frame
ETSI	European Telecommunication Standards Institute
ETTM	Electronic Toll and Traffic Management
ETW	European Transonic Wind Tunnel
ETWIRL	European Turbulent Wake Incident Report Log
EU	European Union (1993-)
EUC	Equipment Under Control
EUCLID	European Co-operation for the Long term In Defence
EUMETSAT	EUropean organisation for the exploitation of METeorology SATellites
EUR	European Region (ICAO)
EURAM	European Research on Advanced Materials
EURATN	European Aeronautical Telecommunication Network
EURECA	European Retrievable Carrier



iFly - Acronyms



EURET	EUropean Research in Transport
EURICE	European Research on Aircraft Ice Certification
EUROCAE	European Organisation for Civil Aviation Equipment
Eurocontrol	European organisation for the Safety of Air Navigation
EUTELSAT	EUropean TELEcommunications SATellite organisation
EVA	Extra-Vehicular Activity
EVM	Emergency Vehicle Management
EVS	Enhanced Vision System
EVSD	Electronic Vertical Situation Display
EW	Electronic Warfare
EWH	Eye-to-Wheel Height
F&CM	Flow and Capacity Management
F&E	Facilities and Equipment
F/A	Fighter/Attack
F/O	First Officer
FAA	Federal Aviation Administration
FAATC	William J. Hughes FAA Technical Center
FAC	Forward Air Control
FACES	Free flight Autonomous and Coordinated Embarked Solver
FACF	Final Approach Course Fix
FACTOR	development of Functional Concepts from the EATMS Operational Requirements
FADEC	Full Authority Digital Engine Control
FAF	Final Approach Fix
FAIT	Function Allocation Issues and Tradeoffs
FANOMOS	FLight track and Aircraft Noise Monitoring System
FANS	Future Air Navigation System (ICAO Special Committee)
FANSTIC	Future ATC New Systems and Technologies Impact on Cockpit/in Cockpits
FAO	Food and Agriculture Organisation
FAP	Final Approach Point
FAR	Federal Aviation Regulation
FAR	Federal Acquisition Regulation
FARADIX	Functional Architecture Reference for ATM Systems and Data Exchange
FARAWAY II	An extension of Faraway (Fusion of Radar & ADS Data)
FAS	Final Approach Speed
FAS	Frequency Assignment Subcommittee
FASGEP	Fault Analysis of the Software Generation Process
FAST	Final Approach Spacing Tool
FATCAT	Fast-Time Air Traffic Control Analysis Tool
FATO	Final Approach and Take-Off area
FAWP	Final Approach Waypoint
FB	Functional Block
FB	Fighter-Bomber



iFly - Acronyms



FBI	Federal Bureau of Investigation
FBL	Fly By Light
FBO	Fixed Base Operator
FBW	Fly By Wire
FC	Functional Concept
FCC	Federal Communications Commission
FCCA	Forestry Conservation Communications Association
FCFS	First Come First Served
FCL	Flight Crew Licensing
FCM	Flight Confirmation Message
FCOT	Future COnccepts Team
FCRS	Forestry-Conservation Radio Service
FD	Flight Director
FDB	Flight plan Data Bank
FDDI	Fibre Distributed Data Interface / Fiber Data Distribution Interface
FDE	Fault Detection and Exclusion
FDIO	Flight Data Input/Output Device
FDIS	Final Draft International Standard
FDMA	Frequency Division Multiple Access
FDP	Flight Data Processing/Processor
FDPS	Flight Data Processing System
FDR	Flight Data Recorder
FEATS	Future European Air Traffic Management System (ICAO)
FEC	Front-End Controller
FEC	Forward Error Correction
FEDICS	Forth Estuary Driver Information & Control System
FEM	ElectroMotive Force
FEMA	Federal Emergency Management Agency
FEPOR	Federation of European Private Port Operators
FERST	Facility for Environmental Remote Sensing and Test
FESTIP	Future European Space Transportation Investigations Programme
FET	Field-Effect Transistor
FF	Free Flight
FFACS	Free Flight Airborne Cognitive System
FFAS	Free Flight Airspace (outdated)
FFM	Free Flight Mode
FFP	Firm Fixed Price
FFRDC	Federally funded research and development center (like RAND)
FFSR	Fast Forward Signal Regeneration
FGEF	Federal Geographic Encoding Format
FHA	Functional Hazard Analysis
FHWA	Federal Highway Administration



iFly - Acronyms



FHWA	Federal HighWay Administration (USA)
FIC	Flight Information Centre
FID	Flight Information Display
FIFE	First ISLSCP Field Experiment
FIFO	First In First Out
FIO	Flight Information Office
FIP	Foreground Intellectual Property
FIR	Flight Information Region
FIRE	First International Cloud Climatology Regional Experiment
FIRST	Flexible Independent Radar Skills Trainer
FIRST	Far-Infrared and Submillimetre Space Telescope
FIS	Flight Information Services
FIS-B	Flight Information Services-Broadcast
FISE	Flight Information Service En-route
FIX-WEST	Federal Internet Exchange-WEST
FK	Feynman Kac
FL	Flight Level
FLA	Future Large Airlifter (European C-130 replacement project)
FLAME	FLexible Airspace Modelling Environment
FLAS	Flight Level Allocation System
FLASH	First Level of Advanced interface before Simulation on Hegias test bed
FLEWUG	Federal Law Enforcement Wireless Users Group
FLI	Failure Likelihood Index
FLIPSY	Flight Plan Consistency
FLIR	Forward-Looking Infrared
FLITSAN	FLight Track and Spread Analyser
FLORIAN	Flight Operations Reducing the Impact Aircraft Noise
FLOS	Flight Level Orientation System
FLOWSIM	data FLOW SIMulation model
FLS	Future Launcher System
FLT	Flight
FM	Flight Management
FM	Flow Management
FM	Frequency Modulation
FM	Fan Marker
FMARS	Fire Mutual Aid Radio System
FMC	Flight Management Computer
FMD	Flow Management Delays
FMEA	Failure Mode and Effect Analysis
FMECA	Failure Mode Effect and Criticality Analysis
FMP	Flow Management Positions
FMS	Flight Management System



iFly - Acronyms



FMSD	Flight Management System Departure
FMU	Flow Management Unit
FNS	Frame Network Service
FOC	Flight Operations Centre
FOCA	Federal Office for Civil Aviation (Swiss CAA)
FOD	Foreign Object Damage
FOQA	Flight Operations Quality Assurance
FOV	instrument vertical resolution
FP	Flight Plan
FP Strip	Flight Progress Strip
FPC	Flight Planning Centre
FPCM	Flight Plan Conformance Monitoring
FPD	Flight Plan Discrepancy
FPL	Filed Flight Plan
FPLMTS	Future Public Land Mobile Telecommunications Systems
FPM	Flight Path Monitoring
fpm	Feet per minute (vertical speed)
FPPS	Flight Plan Processing System
FPS	Military Flight Positioning Radar
FQPSK	Feher's Quadrature Phase Shift Keying
FR	Functional Requirement
FR	Frame Relay
FRAP	Free Route Airspace Project
FREER	Free-Route Experimental Encounter Resolution
FREER	Freer Flight Since 2002, the project has been (re)named CoSpace - Towards the Use of Spacing Instructions
FRESCO	Framework for the Evaluation of Safety Critical Systems
FRESIP	Frequency of Earth-Sized Inner Planets
FRIENDLY	Functional Requirement Identification Development of Methodology
FRP	Federal Radionavigation Plan
FRS	Fire Radio Service
FSAR	Final Safety Analysis Report
FSDO	Flight Safety District Office (FAA USA)
FSF	Flight Safety Foundation
FSS	Flight Service Station
FSS	Fixed-Satellite Service
FSW	Forward-Swept Wings
FT	Fault Tree
ft	Feet (approx 0.3 Meters)
FTA	Fault Tree Analysis
FTD	Flight Training Device (lower category "simulator")
FTE	Flight Technical Error



iFly - Acronyms



FTO	Flight Training Organisation (Flight School)
FTO	Failure To Operate
FTP	File Transfer Protocol
FTPM	Freight Transport Planning & Management
FUA	Flexible Use of Airspace
FUEGO	Fire Detecting Spaceborne Instrument
FUEGOTEC	FUEGO Demonstration Mission
FULMEN	analysis of experimental data and models for upgraded lightning protection requirements
FVS	Fliegerische Vor-Schulung
FWHM	Full Width Half Maximum
FY	Fiscal Year
G&A	General and administrative
GA	General Aviation
GA/AW	General Aviation and Aerial Work (all non-commercial civil aviation)
GAARS	Group of Aviation Authorities for the Regulation of Safety
GAAS	Generic Approach to ATM Systems
GAC	General Aviation Center
GAFOR	General Aviation Forecast (Weather)
GAL	Gallons (usually US 3.78 litre, may be Imperial 4.54 litter)
GANS	Global Access, Navigation and Safety Program
GAO	General Accounting Office
GARTEUR	Group for Aeronautical Research and Technology in EUROpe
GASA	Geographic Area Safe Altitude
GAT	General Aviation Terminal
GAT	Generated Air Traffic
GAT	General Air Traffic
GATM	Global Air Traffic Management
GATT	General Agreement on Tariffs and Trade
GAW	Global Atmospheric Watch
GB	Gigabytes
GBAS	Ground Based Augmentation System (DGNSS/DGPS/LAAS)
GBF	Gravitational Biology Facility
GBR	Ground-Based Radar
GC	Ground Control(ler)
GC	Gas chromatograph
GC/MS	Gas Chromatograph Mass Spectrometer
GCA	Ground-Controlled Approach ("Talk-down")
GCI	Ground Controlled Interception
GCT	Ground COmmunications Terminal
GDLP	Ground Data Link Processor
GDP	Ground Delay Program



iFly - Acronyms



GDP	Gross Domestic Product
GDTA	Goal- Directed Task Analysis
GEMINI	Generation of Messages in the New Integrated Road Transport Environment
GEMS	Generic Error Modeling System
GEN	General
GENDEC	General Declaration Customs Form see full size, download zipped form,
GENESIS	Generic Networked SectorIsed Simulator
GENOVA	GENeric Overall Validation for ATM
GEO	Geostationary Earth Orbit
GEODE	Granule Elementaire Organisant Donnees et Entrees (a module of PHIDIAS)
GES	Ground Earth Station
GETS	Government Emergency Telecommunications System
GFCM	Gathered Fault Combination Method
GFE	Government Furnished Equipment
GFT	General Failure Types
GFZ	Geo-Forschungs-Zentrum - company (D)
GG	Ground to Ground
GGs	Gravity-Gradient Sensor
GHz	Gigahertz
GIANTS	Generic Integrated ATM and Networks Scenario
GIC	GPS Integrity Control
GIF	Graphic Image Format
GIS	Geographical Information System(s)
GITS	Government Information Technology Services
GKS	Graphical Kernel System
GLAPFIT	Generalised LAPlace FITting workflow
GLD	Glider
GLIS	Global Land Information System
GLOBE	Global Learning and Observations to Benefit the Environment
GLOBMET	Global Meteorological Service
GLONASS	GLobal Orbiting NAVigation Satellite System (Russia)
GLOW	Gross Liftoff Weight(rockets)
GM	Guidance Material
GMC	Ground Movement Control
GMDSS	Global Maritime Distress and Safety System
GMF	Government Master File
GMGCS	Ground Movement Guidance and Control System
GMS	Ground Movement Surveillance
GMSK	Gaussian Minimum Shift Keying
GND	Ground
GNP	Gross National Product
GNSS	Global Navigation Satellite System



iFly - Acronyms



GNSS	Global Navigation Surveillance System
GOAS	Ground Operator Assistant System
GOES	Geostationary Operational Environmental Satellite
GOETHE	Gestion Optimisée et Experte du Trafic pour en Harmoniser l'Écoulement
GOME	Global Ozone Monitoring Experiment
GOMOS	Global Ozone Monitoring by Occultation of Stars
GOMS	Goals, Operators, Methods and Selection Rules
GORAC	GCAS Operational Requirements and Certification
GOS	Grade of Service
GOSIP	Government OSI Profile
GP	Glide Path
GPI	Ground Positioning Indicator
GPS	Global Positioning System
GPS	Global Positioning Satellite
GPS	Generic Problem Solver
GPWS	Ground Proximity Warning System
GRADE	GRaphical Airspace Design Environment
GRANAS	Global RAdio Navigation System
GRAPES	Grapevine Remote Sensing Analysis of Phylloxera Early Stress
GRAS GNSS	Receiver for Atmospheric Sounding
GRD	Ground Subsystem
GRGS	Space Geodesy Research Group (F)
GRL	Gateway Reservation List
GRS	Gesellschaft für Reaktorsicherheit
GS	Glide Slope
GS	Ground Speed
GS	General Studies
GSC	Generalised Speed Control
GSFC	Goddard Space Flight Center
GSM	Global System of Mobile Communications
GSO	Geostationary-Satellite Orbit
GSP	General Studies Programme
GSPN	Generalised Stochastic Petri Net
GSTP	General Support Technology Programme
GTO	Geostationary Transfer Orbit
GTS	Geostationary Technology Satellite-Global Telecommunication System
GUI	Graphical User Interface
GUS	Geostationary earth orbit Uplink Station
GWS	Graphical Weather Services
H/F	Human Factors
HAA	Height Above Aerodrome
HAISP	High Altitude Interactive Science Platform



iFly - Acronyms



HAL	Height Above Landing
HAL	Heuristically Programmed Algorithmic Computer
HALE	High Altitude Long Endurance platform
HALS	High Approach Landing System
HAPEX	Hydrological and Atmospheric Pilot Experiment
HARM	High-Speed Anti-Radiation Missile
HARS	High Altitude Route System
HARS-R	High Altitude Route System-Replacement
HAT	Height Above Touchdown
HAZid	Hazard Identification
HAZMAT	Hazardous Materials
HazOp	Hazard and Operability study
HCFD	Hardware Component Failure Rate Data
HCI	Human Computer Interaction
HCI	Human-Computer Interface
HCR	Human Cognitive Reliability model
HCS	HOST Computer System
HDG	Heading
HDTV	High Definition Television (ATV)
HEART	Human Error Assessment and Reduction Technique
HED	Human Engineering Deficiency
HEDP	Human Exploration Demonstration Project
HEGIAS	Host for Experimental Graphical Interfaces of Advanced Automation Systems
HEL	Helicopter
Helo	Helicopter
HEMT	High Electron Mobility Transistor
HEO	Highly Eccentric Orbit
HEP	Human Error Probability
HF	High Frequency
HF	Human Factor(s)
HFA	(ex) Halcrow Fox Associates
HFDL	High Frequency Data Link
HFDLC	High Frequency Data Link Control
HFE	Human Factors Engineering
HF-SSB	High Frequency Single-sideband
HFT	Human Factors
HGI	Hot Gas Ingestion
HGV	Heavy Goods Vehicle
HHRAG	Human and Hardware Reliability Analysis Group
HID	Host Interface Device
HIPPARCOS	HIgh Precision PARallax COLlecting Satellite
HIPS	High Interactive Problem Solving



iFly - Acronyms



HIRDLS	High-Resolution Dynamics Limb Sounder
HIS	Horizontal Situation Indicator
HISPASAT	Spanish Satellite for Telecommunications
HITLINE	Human Interaction Timeline
HIWAS	Hazardous Inflight Weather Advisory Service
HLA	High Level Airspace
HLD	Hold
HMI	Human Machine Interface
HMMP	Hazard Management Method Process
HMRS	Highway Maintenance Radio Service
HMU	Height Monitor Unit
HNL	Honolulu
HNWL	Honeywell
HOPES	Horizontal Project for the Evaluation of Safety
HORUS	Hypersonic Orbital Reusable Upper Stage
HOTAS	Hands On Throttle and Stick
HOTOL	Horizontal Take-Off and Landing (UK concept)
HOV	High Occupancy Vehicle
HP	Horsepower
HPA	High Power Amplifier
HPCCP	High Performance Computing and Communications Program
HPES	Human Performance Evaluation System
HPI	High Pressure Injection
HPSI	High Pressure Safety Injection
HPT	Health Physics Technician
HQ	Head Quarters
HRA	Human Reliability Analysis
HRDF	High-Resolution Direction Finder
HRMS	High Resolution Microwave Survey
HRMSI	High-Resolution Multispectral Instrument (EOS)
HS	Head of State
HSD	Home Satellite Dish
HSE	Health and Safety Executive
HSI	Horizontal Situation Indicator
HSR	High Speed Research
HSRP	High Speed Research Program
HSYS	Human SYStem interaction (safety assessment technique)
HTA	Hierarchical Task Analysis
HTG	Hyperschall Technologie Göttingen (D)
HTHL	Horizontal Take-off/Horizontal Landing
html	Hypertext mark-up language
HTS	High-Temperature Superconducting



iFly - Acronyms



HUBES	HUmanBEhaviour Study
HUD	Head(s) Up Display
HUM	Human Resources
HUTA	Hebrides Ventilation and Air Conditioning
HVNP	Hawaii Volcanoes National Park
HYBRIDGE	Distributed Control and Stochastic Analysis of Hybrid Systems Supporting Safety Critical Real-Time Systems Design (EC 5th Framework Programme)
I&C	Instrumentation and Control
I&E	Instrumentation and Electrical
I.Chem.E.	Institution of Chemical Engineers
I.Mech.E.	Institution of Mechanical Engineers
i/f	Interface
i/o	Input/Output
IAC	Ingénieur de l'Aviation Civile
IACA	International Air Charter Association
IACP	International Association of Chiefs of Police
IAEA	International Atomic Energy Agency
IAF	Initial Approach Fix
IAF	International Astronautical Federation
IAFC	International Association of Fire Chiefs
IAFIS	Integrated Automated Fingerprint Identification System
IAG	Institute Admin Group
IAM	Institute of Aviation Medicine
IAOPA	International Council of Aircraft Owner and Pilot Associations
IAOPA-EUR	IAOPA European Region
IAP	Instrument Approach Procedure
IAPA	Implications on ACAS Performances due to ASAS implementation
IAPP	International Antarctic Psychological Programme
IAS	Indicated Air Speed
IASI	Infrared Atmospheric Sounding Interferometer
IATA	International Air Transport Association
IATBR	International Association for Travel Behaviour Research
IAWP	Initial Approach Waypoint
IBEC	Irish Business and Employers' Confederation
IBME	Improved Multi-Band Excitation
IBMP	Institute of Bio-Medical Problems (Russia)
IBOC	In-Band On-Channel
IBRD	International Bank for Reconstruction & Development
IC	Integrated Circuit
IC	Incident Commander
ICAM	Integrated Computer Aided Manufacturing
ICAO	International Civil Aviation Organisation



iFly - Acronyms



ICE	Interactive Computing Environment
ICE	Institution of Civil Engineers (UK)
ICEPS	Injury Criterias for Enhanced Passive Safety in aircraft
ICES	Intersociety Conference on Environmental Systems
ICMP	Internet Control Message Protocol
ICNA	Ingénieur du Controle de la Navigation Aérienne
ICO	Intermediate Circular Orbit
ICP	Interoperability Communication Plan
ICR	Intercity Relay
ICS	Incident Command System
ICS	Interim Classification System
ICSAR	Interagency Committee on Search and Rescue
ID	Identification
IDA	Influence Diagram Approach
IDCOR	Industry Degraded Core Rule-making (Program)
IDEN	Integrated Digital Electronic Network
IDIMS	Interactive Digital Image Manipulation System
IDL	Interface Definition Language
IDRP	Inter Domain Routing Protocol
IE	Implicit Enumeration
IEC	International Electro Technical Commission
IEC	Internet-based Electronic Commerce
IEE	Institution of Electrical Engineers (UK)
IEEAC	Ingénieur des Études et d'Exploitation de l'Aviation Civile
IEEE	Institute of Electrical and Electronic Engineers
IEM	Interpretative and Explanatory Material
IENAC	Ingénieur ENAC
IESSA	Ingénieur Électronicien des Systemes de la Sécurité Aérienne
IF	Information Framework
IF	Intermediate Approach Fix
IF	Intermediate Frequency
IFALPA	International Federation of Air Line Pilot's Associations
IFATCA	International Federation of Air Traffic Controllers Associations
IFC	Intensive field campaign
IFE	Institut für FernErkundung
IFF	Identification Friend-or-Foe
IFF	Initial Free Flight
IFFMIC ISS	Serviced Free-Flying Microgravity Platform
IFIM	International Flight Information Manual
iFly	Safety, Complexity and Responsibility based design and validation of highly automated Air Traffic Management
IFPS	Initial Integrated (/Integrated Initial) (/Integrated) Flight Plan Processing System (Eurocontrol)



iFly - Acronyms



IFR	Instrument Flight Rules
IFR	In-Flight Refueling
IFSD	InFlight ShutDown
IFSS	International Flight Service Station
IG(al)	Imperial Gallon (4,54 Liter)
IGA	InterGovernmental Agreement
IGARSS	International Geoscience and Remote Sensing Symposium
IGEOS	Intelligent Guide to Earth ObServation
IGES	Initial Graphics Exchange Specification
IGR	Integrated Generic Resource
IGRF	International Geomagnetic Reference Field
IGS	Interconnection Ground Subnet (work)
IGS	Inertial Guidance System
IGS	Integrated Ground Segment
IGS	Integrated Gimbal System
IHM	Interface Homme-Machine
IHT	Institution of Highways and Transportation (UK)
IIMSES	Initial Implementation of Mode S Enhanced Surveillance
IIOP	Internet Inter-ORB Protocol
IITA	Information Infrastructure Technology and Applications
IKI	Russian Space Research Institute
ILS	Instrument Landing System
IM	Information Management
IM	Inner Marker
IMA	International Maritime Association
IMAGE	Indicateur Macroscopique d'Aide a la Gestion de l'Espace
IMAGINE	Integrated Means for Advanced Graphical Interfaces in air Navigation Environment
IMAP	Internet Mail Access Protocol
IMASS	Intelligent Multiple Access Spectrum Sharing
IMC	Instrument Meteorological Conditions
IMF	International Monetary Fund
IML	International Microgravity Laboratory
IMO	International Maritime Organization
IMPATT	Impact Avalanche and Transit Time
IMPCHRESS	development of European specifications for improved infant and child restraint devices
IMSA	International Municipal Signal Association
IMTS	Improved Mobile Telephone System
INAV [™]	A line of Avionics from Honeywell
INCERFA	Uncertainty Phase
INEGI	Instituto Nacional de Estadística, Geografía e Informática
INEL	Idaho National Engineering Laboratory
INF	Inland Navigation Fix



iFly - Acronyms



INMARSAT	International Maritime Satellite Organisation
INPO	Institute of Nuclear Power Operations
INRA	Institut National de Recherches Aéronautiques
INREQ	Information Request
INRIA	Institut National de Recherche en Informatique et en Automatique
INS	Inertial Navigation System
INS/CECOM	Immigration and Naturalization Service/US Army Communications and Electronics Command
INSA	INgenieria y Servicios Aeroespaciales (E)
INSAR	SAR INterferometry
INTEGRAL	INTErnational Gamma Ray Astrophysics Laboratory
INTELSAT	International Telecommunications Satellite Organization
INTENT	The Transition towards Global Air and Ground Collaboration In Traffic Separation Assurance
INTNAV	INTerplanetary NAVigation software tool
intxn	Intersection
IOC	Initial Operational/Operating Capability
IofNEWT	Integrated Numerical Experimental Wind Tunnels
IP	Intersection Point
IP	Internet Protocol
IP	Intellectual Property
IP	Implementation Package
IPA	Intergovernmental Personnel Act
IPC	Industrial Policy Committee
IPCC	International Panel and Climate Change
IPL	Image Processing Laboratory
IPPD	Integrated product and process development
IPPL	National (ICAO) Private Pilots License (AOPA internal abbreviation)
IPR	Intellectual Property Rights
IPS	Interacting Particle System
IPT	Integrated Product Team
IPTES	Incremental Prototyping Technology for Embedded Real-Time Systems
IPV	Instrument Procedure with Vertical guidance
IR	Instrument Rating
IR	Infra Red
IRAC	Interdepartmental Radio Advisory Council
IRAP	ISLSCP Retrospective Analysis Project
IRIS	Integrated Raster Imaging Systems
IRIS	Infrared Imaging of Shuttle
IRIT	Institut de Recherche en Informatique de Toulouse
IRMA	Indicateur Radar de Mouvements d'Avions
IRO	Integrated Regional Office
IRR	Internal Rate of Return



iFly - Acronyms



IRS	Inertial Reference System
IRST	Infrared Search and Track
IRU	Inertial Reference Unit
IS	Importance Sampling
ISA	Instrument Society of America
ISA	ICAO Standard Atmosphere) Both definitions found
ISA	International Standard Atmosphere) Unclear which one is correct!
ISAT	Integration of Safety Analysis Technique for Process Control System
ISATA	International Symposium on Advanced Transport Applications
ISAWARE II	Increasing Safety by enhancing crew situation AWAREness
ISC	Interoperability Subcommittee
ISCCP	International Satellite Cloud Climatology Project
ISDN	Integrated Services Digital Network
ISL	Inter-Satellite Link
ISLSCP	International Satellite Land Surface Climatology Project
ISM	Industrial, Scientific, and Medical
ISO	International Standards Organisation
ISO	Infrared Space Observatory
ISP	Internet Service Provider
ISRU	In Situ Resources Exploitation
ISS	International Space Station
ISSA	International Space Station Alpha
ISTaR	Information System for SafeTy and Risk analysis
ISTEA	Intermodal Surface Transportation Efficiency Act
IT	Information Technology
IT and V	Integrated Test and Verification
IT04	Information Technology Recommendation 04 from National Performance Review
ITA	Integrated Task Analysis
ITA	Industrial Telecommunications Association
ITALSAT	Italian Satellite
ITMS	Ion Trap Mass Spectrometer
ITP	In-Trail Procedure
ITS	Integrated Tower System
ITS	Information Technology Systems
ITS	Institute for Transport Studies, University of Leeds
ITS	Institute for Telecommunication Sciences
ITS	Intelligent Tutoring System
ITS	Intelligent Transport Systems
ITS	Intelligent Transportation System
ITU	International Telecommunication Union
ITU	Instrumentation Timing Unit
ITU-T	Telecommunications Standardisation Sector - new structure



iFly - Acronyms



ITWS	Integrated Terminal Weather System
IVA	Intra-Vehicular Activity
IVHS	(ex) Intelligent Vehicle Highway Systems
IVU	In-Vehicle Unit
IWG	Investigators Working Group
IXC	Interexchange Carrier
JAA	Joint Aviation Authorities
JANE	Joint Air Navigation Experiments
JAR	Joint Aviation Requirements
JAR-36	JAR on Aircraft Noise
JAR-FCL	JAR on Flight Crew Licensing
JAR-OPS	JAR on Flight Operations
JARS	Joint Airmiss Recording System
JAR-TEL	Joint Aviation Regulations - Translation and Elaboration of Legislation
JASSM	Joint Air-to-Surface Standoff Missile
JAST	Joint Advanced Strike Technology
JATO	Jet-Assisted Take-Off
JCWS	Johnson Controls World Services
JDAM	Joint Direct Attack Munition
JERICO	Joint European Robotics Interactive Calibration
JET-A1	Jet Fuel type A1
JIT	Just in Time
JPALS	Joint Precision Approach and Landing System
JPEG	Joint Photographic Experts Group
JPL	Jet Propulsion Laboratory
JPPL	JAR-FCL Private Pilots License (AOPA internal abbreviation)
JPS	(American - European) Joint Polar System
JSA	Joint Steering Assembly (JAA)
JSAT	Joint Safety Assessment Team
JSC	(Lyndon B.) Johnson Space Center
JSF	Joint Strike Fighter
JSMS	Joint Spectrum Management System
JSS	Joint Surveillance System
JSSI	Joint aviation authorities Strategic Safety Initiative
JSTARS	Joint Surveillance Target Attack Radar System
JTEP	Journal of Transport Economics and Policy
JTIDS	Joint Tactical Information Distribution System
JUN	Juneau
JURG	Joint User Requirement Group
KAO	Kuiper Airborne Observatory
kAU	Thousand Accounting Units
Kbps	Kilobits per Second



iFly - Acronyms



KBS	Knowledge Based System
KIAS	Knots indicated air speed
KOSIF	Koordinationsstelle für Schiess-Informationen (Swiss MIL Shooting)
KSC	John F. Kennedy Space Center
KTAS	Knots true air speed
kts	Knots (nautical miles per hour)
L/D	Lift to Drag Ratio
LAAS	Local Area Augmentation System
LAC	Local area coverage
LACK	Logical Acknowledgement (of datalink message)
LACOS	LArge-scale COrrrect System
LADGPS	Local Area Differential Global Positioning System
LAHSO	Land And Hold Short Operations
LAI	Leaf area index
LAN	Local Area Network
LANDSAT	LAND observing SATellite (US)
LANTIRN	Low-Altitude Navigation and Targeting Infrared for Night
LaRC	Langley Research Center
LARS	Lower Airspace Radar Service
LAS	Land Analysis System
LASMOWG	Land Aircraft Science Management Operations Working Group
LASP	Leeds Adaptive Stated Preference
LATA	Local Access Transport Area
LATCC	London Air Traffic Control Centre
LBL	Lawrence Berkeley Laboratories
LCAS	Low Cost Access to Space
LCD	Liquid Crystal Display
LCW	Localizer Course Width at threshold
LCZR	Localizer
LDA	Landing Distance Available
LDG	Landing
LDRCL	Low Density Radio Control
LEC	Local Exchange Carrier
LED	Light-Emitting Diode
LEDA	Lunar European Demonstration Approach
LEO	Low Earth Orbit
LeRC	Lewis Research Center
LESF	Large Event tree/Small Fault tree (or: Boundary conditions approach)
LF	Low Frequency
LGB	Laser-Guided Bomb
LGRS	Local Government Radio Service
LH	Lefthand



iFly - Acronyms



LI	LuchtvaartInspectie (RLD)
LIDAR	Light Detection And Ranging System
LINCS	Leased Interfacility NAS Communications System
LINSIG	Traffic signal design program
LLA	Low Level Airspace
LLLTV	Low-Light-Level Television
LLNL	Lawrence Livermore National Laboratories
LLWAS	Low-Level Windshear Alert System
LLZ	Localizer
LMCC	Land Mobile Communications Council
LMDS	Local Multipoint Distribution Service
LMR	Land Mobile Radio
LMS	Location and Monitoring Service
LMSS	Land Mobile-Satellite Service
LNAV	Lateral Navigation
LOC	Localizer distance (from threshold)
LoC	Lines of Change
LOF	Loss of Function
LOGIS	Local Government Information System
LORAN	Long Range Navigation System
LOS	Line-of-Sight
LoS	Loss of Separation
LOX	Liquid OXYgen
LP	Linear Programming
LPAC	London Planning Advisory Council
LPD	Low Probability of Detection
LPE	Low Probability of Exploitation
LPI	Low Probability of Intercept
LRR	Low Range Radar
LRU	Line Replacement Unit
LS	Level of Safety
LSPC	Long-Term Space Policy Committee
LT	Local Time
LTA	Lighter Than Air
LTACD	Long Term Area Conflict Detection
LTAZ	Long Term Awareness Zone
LTT	Local Transport Today
LUBS	Leeds University Business School
LUNISS	LUnar NighTtime Survival Study
LuNPS	Lunar Nuclear Power Systems
LVB	Lucht Verkeers Begeleiding/ Lucht Verkeers Beveiliging
LVL	Level



iFly - Acronyms



LVNL	Luchtverkeersleiding Nederland (Air Traffic Control The Netherlands)
LVR	Luchtverkeersreglement
LW	Luchtwaardigheid (Airworthiness division of LI)
LWF	Lightweight Fighter
MA	Missed Approach
MA	Managed Airspace
MAA	Maximum Authorized Altitude
MA-AFAS	More Autonomous Aircraft in the Future ATM System
MAC	Media Access Control
MAC	Mean Aerodynamic Chord
MAC	Multi-sensor Aircraft Campaign
MAD	Magnetic Anomaly Detection (finds submarines)
MADAM	Mode S Analysis and Modelling
MADAP	Maastricht Automatic Data Processing and Display System (Eurocontrol)
MAESA	Measurements for Assessing the Effects of Stratospheric Aircraft
MAESTRO	Moyen d'Aide a l'Écoulement Séquence du Trafic avec Recherche d'Optimisation
MAESTRO	Means to Aid Expedition and Sequencing of Traffic with Research of Optimisation
MAGIC	Mock-up for Air Ground Integration Concept
MAHWP	Missed Approach Holding WayPoint
MAICA	Modelling and Analysis of the Impact of Changes in ATM
MAMS	Military Airspace Management System
MANDATE	Manufacturing Management Data
MANOT	Missing Aircraft Notice
MANTEA	MANagement of surface Traffic in European Airports
MAP	Missed Approach Point
MAP	Mutual Aid Plan
MARISAT	Maritime Satellite
MARS	Military Affiliate Radio System
MAS	Managed Airspace
MAS	Multiple Address Service
MASCOT	Multicriteria Assessment of Scheme Options in Transport
MASER	Microwave Amplification by Stimulated Emission of Radiation(s)
MASPS	Minimum Aviation System Performance Standard(s)
MASS	Multi-Aircraft Simplified Simulator
MASTER	Millimetre-wave Acquisitions for Stratosphere/Troposphere
MATS	Manual of Air Traffic Services
MATSE	Meeting on Air Traffic Systems in Europe
MATWP	Missed Approach Turning Waypoint
MATZ	Military ATZ
MAU	Million Accounting Units
MAWP	Missed Approach Waypoint
MB	Mutual Belief



iFly - Acronyms



MB	Mega Byte
MBARI	Monterey Bay Aquarium Research Institute
Mbps	Megabits per second
MC	Markov Chain
MC	Monte Carlo
MCA	Minimum Crossing Altitude
MCC	Masters Courses Committee
MCDA	Multi-Criteria Decision Aid
MCDU	Multi-purpose Control and Display Unit
MCMC	Markov Chain Monte Carlo
Mcr	Critical Mach Number
MCTR	Military CTR
MCVFT	Multi Channel Voice Frequency Telegraph
MD	Medical Doctor
MDA	Minimum Descent Altitude
MDCRS	Meteorological Data Collection and Reporting System
Mdd	Drag Divergent Mach Number
MDS	Multipoint Distribution Service
MDT	Mean Down Time
MDT	Mobile Data Terminals
MEA	Minimum Enroute Altitude
MEDES	Institut de Médecine et de Physiologie Spatiales, Toulouse (F)
MEL	Minimum Equipment List
MEO	Medium Earth Orbit
MEP	Member of European Parliament
MERIS	MEdium Resolution Imaging Spectrometer/System
MES	Metal-Semiconductor
MESH	Managing Engineering Safety Health
MESUR	Mars Environmental Survey
MET	Meteo (office, report, service etc.)
MET	Meteorological Service
METAR	Meteorological Actual Report (current weather)
METAR	Meteorological Aeronautical Radio
METAR	International Meteorological Aviation Report Format
METAR	Meteorological Aerodrome Report
METEOSAT	Meteorological Satellite
METOP	Europe's Operational Polar Orbiting meteorological satellites
METOP	Meteorological Orbiting Platform
METREP	Meteorological Report
MF	Multi Function
MF	Medium Frequency
MF	Mandatory Frequency



iFly - Acronyms



MFAU	Military Flight Advisory Unit
MFC	Multi Frequency Coding
MFC	Microgravity Facilities for Columbus
MFF	Mediterranean Free Flight
MH	Metropolis Hastings
MHA	Minimum Holding Altitude
MI	Misleading Information
MICA	met Improvements for Controller Aids
MIL	Military Traffic
MIMO	Multi Input, Multi Output
MIMR	Multifrequency Imaging Microwave Radiometer
MIPS	millions instructions per second
MIRAS	Microwave Imaging Radiometer With Aperture Synthesis
MIS	Management Information System
MIT	Massachussetts Institute of Technology/Lincoln Laboratory
MJ	Mouat Jones coffee bar
MK	Mutual Knowledge
MLS	Microwave Landing System
MLS	Microwave Limb Sounder
MM	Middle Marker
MMDS	Multiband Multipoint Distribution Service
MMEL	Master Minimum Equipment List
MMH	Mono Methyl Hydrazine
MMI	Man Machine Interface
MMIC	Monolithic Microwave Integrated Circuit
MMR	Multi Mode Receiver
MMS	Mission Management System
MMS	Meteorological Measurement System
MMSS	Maritime Mobile-Satellite Service
MMST	Metropolitan Medical Strike Team
MMT	Multi-sensor, Multi-resolution Technique
MMW (mmw)	Millimeter Wave
MNPS	Minimum Navigation Performance Specifications
MNPSA	MNPS Area
MOA	Military OPerations Area
MoC	Means of Compliance
MOC	Mission Operation Centre
MOC	Minimum Obstacle Clearance
MOCA	Minimum Obstruction Clearance Altitude
MOCA	Minimum Obstacle Clearance Altitude
MoD	UK Ministry of Defence
MOD	Moderate



iFly - Acronyms



Mode C	Mode Charlie
Mode S	Mode Select (Selective Co-operative Secondary Surveillance System)
MODIS	Moderate-resolution Imaging Spectrometer
MOGAS	Motor Gasoline (Auto-Gas)
MON	Motor Octane Number (aviation fuel rating)
MOPITT	Measurements of Pollution In The Troposphere
MOPS	Minimum Operational Performance Standards
MOR	Meteorological Optical Range
MORS	Mandatory Occurrence Reporting System
MOSD	Mission, Objectives and Strategy Document (EATMS)
MOU	Memoranda of Understanding
MOUAC	Memorandum of Understanding and Commitment.
MOZART	Maestro Optimise pour les zones d'Arrivee et de Regulation du Trafic
MPC	Model Predictive Control
MPEG	Motion Picture Expert Group
mph	Miles per hour (statute miles, 1.609 km/h)
MPI	Max Planck Institut (D)
MPR	Microbus Prediction Radar
MRA	Minimum Reception Altitude
MRC	Medical Research Council (UK)
MRCU	Military Radar Control Unit
MRDB	Mission Requirements Data Base
MRF	Multirole Fighter(JSF predecessor program)
MRM	Miniature Radiation Monitor
MRP	Multiple Resource Pool
MRT	Monitoring R/T (a message within ACM)
MS	Member States
MS	Mass Spectrometry
MSA	Minimum Sector Altitude
MSA	Minimum Safe Altitude
MSA	Metropolitan Statistical Area
MSAW	Minimum Safe Altitude Warning
MSC	Mobile Switching Center
MSF	Master Simulation Facility
MSFC	(George C.) Marshall Space Flight Center (NASA)
msg	Message
MSG	Meteosat Second Generation (Programme)
MSK	Minimum Shift Keying
MSL	Mean Sea Level
MSM	Manned Spaceflight and Microgravity
MSP	Multi Sector Planning
MSR	Model and Simulation Representation



iFly - Acronyms



MSRCE	Multi Station Remote Control Equipment
MSS	Multi Sector Suite
MSS	Multispectral Scanner
MSS	Mobile-Satellite Service
MSSA	Multi-band Solid State Array
MSSR	Monopulse Secondary Surveillance Radar
MSTP	Manned Space Transportation Programme
MSZ	Minimum Separation Zone
MTA	Major Trading Area
MTA-NYCT	Metropolitan Transportation Authority - New York City Transit
MTAZ	Medium Term Awareness Zone
MTBCF	Mean Time Between Critical Failures
MTBF	Mean Time Between Failures
MTC	Military Air Traffic Control
MTCA	Military Terminal Control Area
MTCD	Medium Term Conflict Detection
MTCD&R	Medium Term CD&R
MTCR	Medium Term Conflict Resolution
MTD	Moving Target Detector (primary radar)
MTF	Modulation Transfer Function
MTFF	Man-Tended Free-Flyer
MTI	Moving Target Indicator (primary radar)
MTOM	Maximum Take-Off Mass
MTOW	Maximum Take-Off Weight
MTPE	Mission to Planet Earth
MTR	Military Training Route
MTSAT	Multifunction Transport Satellite (Japan)
MTSO	Mobile Telephone Switching Office
MTU	Motoren und Turbinen Union
MUAC	Maastricht Upper Airspace Control
MUF	Maximum Usable Frequency
MUFTIS	Model Use and Fast Time Simulation
MVA	Minimum Vectoring Altitude
MWLS	MicroWave Limb Sounding
MWP	Meteorological Weather Processor
MY	Man Years
NAA	National Aviation Authority
NAD83	North American Datum 1983
NADDES	NLR Avionics Display Design and Evaluation System
NADIN	US FAA National Airspace Data Interchange Network
NAFTA	North American Free Trade Area
NAILS	National Airspace Integrated Logistics Support



iFly - Acronyms



NAM	Network Analysis Models
NAM	Number Assignment Module
NAR	North American Route
NARIC	Navigational Aid Remote Indication and Control
NARIM	National Airspace Resource Investment Model
NARSIM	NLR Air Traffic Control Research Simulator
NAS	US National Airspace System
NAS	Naval Air Station
NAS	National Aerodynamic Simulation
NASA	National Aeronautics and Space Administration
NASA TLX	NASA Task Load Index
NASCOM	NASA Communications
NASDA	NAtional Space Development Agency of Japan
NASNA	National Association of Nine-one-one Administrators
NASP	National AeroSpace Plane (US)
NASPAC	National Airspace Systems Performance Analysis Capability
NASS	National Agricultural Statistics Service
NASSIM	NAS Simulation
NASTD	National Association of State Telecommunications Directors
NASTRAN	NASA Structural Analysis
NAT	North ATlantic (Airspace)
NAT OTS	North Atlantic Organized Track System
NAT/SPG	North Atlantic Systems Planning Group
NATO	North Atlantic Treaty Organisation
NATRACK	North Atlantic Track Simulation Model
NATS	National Air Traffic Services (UK) En Route Ltd.
NAV	NAVigation
NAVAID	NAVigation AID (Ground Radio Station for Navigation)
NAVSAT	Navigation Satellite system
NAVSPASUR	Naval Space Surveillance System
NBDP	Narrow Band Direct Printing
NC	Numerically controlled
NCA	Northern Control Area
NCAR	US National Centre for Atmospheric Research
NCIC	National Crime Information Center
NCIC-2000	National Crime Information Center Project 2000
NCS	National Communications Systems
ND	Navigation Display
NDA	Next Data Authority
NDA	Northern Domestic Airspace
NDB	Non-Directional Beacon
NDBC	Non-Discrete Beacon Code



iFly - Acronyms



NDE	Non-Destructive inspection and Evaluation
NDS	Non-Deviating Status
NDSC	Network for Detection of Stratospheric Changes
NDVI	Normalized Difference Vegetation Index
NEAN	North European ADS-B Network
NEAP	North European CNS/ATM Application Project
NEDO	The National Economic Development Office
NELS	Northwest Europe Loran Steering Committee
NEMIS	NEtwork MICroSimulation
NENA	National Emergency Number Association
NERC	New En-Route Centre (UK)
NETSIM	(Network simulation program developed by FHWA)
NEXCOM	Next Generation Air/Ground Communications System
NEXTGEN	(Concept of Operations of) Next Generation Air Transportation System
NF	Navigation Functions
NFAC	National Full-scale Aerodynamics Complex
NFEC	North Fork Elk Creek
NFPA	National Fire Protection Association
NFS	National Forest Service
NFS	Network File System
NFU	Non-FOC Airspace User
NGST	Next Generation Space Telescope
NIAC	NASA Industrial Application Center
NIAM	Nijssen Information Analysis Method
NIC	Network Interface Card
NIC	National Institute of Corrections
NIDDESC	Navy/Industry Digital Data Exchange Standards Committee
NIH	National Institute of Health
NII	National Information Infrastructure
NIJ	National Institute of Justice
NIL	Nothing, no information
NIMBY	"Not In My Back-Yard"-Syndrome: "We need an airport but not here"
NIR	Near InfraRed
NIRSC	National Incident Radio Support Cache
NIS	New Independent States
NIST	National Institute of Standards & Technology
NITF	National Image Transfer Format
NLECTC	National Law Enforcement and Corrections Technology Center
NLETS	National Law Enforcement Telecommunications System
NLR	National Aerospace Laboratory NLR
NM	nautical mile
NM	Negotiation Manager



iFly - Acronyms



NMAC	Near Mid-Air Collision
NMDPS	Network Management Data Processing System
NMSE	Network Modelling Support Environment
NOAA	New Optimisation Approaches for ATFM
NOAA	National Oceanic and Atmospheric Administration
NOCC	National Operational Control Center
NODE	NATS Operational Display Equipment
NOI	Notice of Inquiry
NOP	Network Operations Plan
NOPAC	North Pacific Composite Route System
NORAD	North American Aerospace Defence Command
NORDA	No Radio
NOS/VE	Network Operating System/Virtual Environment
NOSAR	No Search and Rescue required (Australia)
NOTAM	Notice to Airmen
NOTAR	No Tail Rotor (helicopter)
NOZ	Normal Operating Zone
NPA	Non-Precision Approach
NPA	Notice of Proposed Amendment (JAA)
NPOESS	National polar-orbiting Environmental Satellite System
NPPL	National (ICAO) Private Pilots License (AOPA internally used: IPPL)
NPR	National Performance Review
NPR	National Public Radio
NPRM	Notice of Proposed Rule Making (FAA)
NPS	National Park Service
NPSPAC	National Public Safety Planning Advisory Committee
NPV	Net Present Value
NR	Non Redescribed
NRA	NASA Research Announcement
NRC	National Research Council
NREN	National Research and Education Network
NRF	NATS Research Facility
NRN	Near Range radar Network
NRP	National Route Program
NRSC	National Radio Systems Committee
NSA	National Safety Authority
NSA	National Security Agency
NSE	Navigation System Error
NSEP	National Security and Emergency Preparedness
NSF	National Simulation Facility (Neth.)
NSF	National Science Foundation
NSI	NASA Science Internet



iFly - Acronyms



NSN	NASA Science Network
NSTAC	National Security Telecommunications Advisory Committee
NSTS	National Space Transportation System
NSUN	NASA Science Users Network
NSUNWG	NASA Science Users Network Working Group
NTDC	New Technology Directions Committee
NTIA	National Telecommunications and Information Administration
NTIAOA	National Telecommunications and Information Administration Organization Act
NTSB	National Transportation Safety Board (USA)
NTSC	National Television Systems Committee
NTT	Nippon Telegraph and Telephone Corp.
NTU	New Threat Upgrade
NTUA	National Technical University of Athens
NTZ	No-Transgression Zone
NUP	NEAN Update Program
NUP, NUPI & NUP IINUP II+	North European ADS-B Network (NEAN) Update Programme:
NUTEC	Norwegian Underwater TEchnology Centre
NVFR	Night Visual Flight Rules (Night VFR)
NWP	Numerical Weather Prediction
NWS	US National Weather Service
NYCDoITT	New York City Department of Information, Technology and Telecommunications
O&M	Operations and Maintenance
O&S	Operations and Support
O/R	on request
OACI	Organisation de l'Aviation Civile Internationale (ICAO)
OASD	Office of the Assistant Secretary of Defense
OASIS	Operational and Supportability Implementation Program
OAT	Operational Air Traffic
OATS	Operator Action Trees
OBP	On-Board Processing Mission (ARTES Element 2)
OBST	Obstacle, obstruction
OCA	Obstacle Clearance Altitude
OCA	Oceanic Control Area
OCAS	Outil de Conception Assite par Simulation
OCC	(Airline) Operational Control Centre
OCD	EATMS Operational Concept Document
OCH	Obstacle Clearance Height
OCL	Obstacle Clearance Limit
OCS	Oceanic Control System
OCS	Offshore Computer System
ODA	Office Document Architecture



iFly - Acronyms



ODA	(ex) Overseas Development Administration (UK)
ODALS	Omni-Directional Approach Lighting System
ODAPI	Omni-Directional Approach Path Indicator
ODAPS	Oceanic Display and Planning System
ODE	Ordinary Differential Equation
ODIAC	Operational Development of Initial Air/Ground Data Communications (task force)
ODID	Operational Display and Input Development
ODL	Oceanic Datalink
ODS	Operational Display Systems / Operator Input and display system
OECD	Organisation for Economic Cooperation & Development
OEM	Original Equipment Manufacturers
OFAC	Office Fédérale de l'Aviation Civile (Swiss CAA)
OFDPS	Offshore Flight Data Processing System
OFE	Operational Functional Element
OFTPA	(ex) Oscar Faber / Transport Planning Associates
OH	Operational Hazard
OHA	Operational Hazard Analysis
OI	Operational Improvement
OIC	Officer-in-Charge
OLDI	On-Line Data Interchange
OLE	Object Linking & Embedding (OLE2)
OLFC	Open Loop Feedback Control
OLMSA	Office of Life and Microgravity Sciences and Applications
OM	Outer Marker
OMB	Office of Management and Budget
OMG	Object Management Group
OMS	Operations and Management Systems
OMTPE	Office of Mission to Planet Earth
ONC	Operational Navigation Chart
ONERA	Office National d'Études et de Recherches Aéronautiques (France)
ONL	On-LiNe ATM service mode
OP	Onderhoud en Productie (Maintenance and Production division of LI)
OPA	Operational Performance Assessment
OPAC	Online Public Access Catalogue
OPF	Operations Performance File
OPMET	Operation Meteorological Service
OPR	Operational Requirements
OPRAF	Office of Passenger Rail Franchising
OPS	Operations
OPS	Operating hours
OPS	Operational Processor System
OPSP	Operations Panel



iFly - Acronyms



OPTAS	Optimisation of Airport System
OQPSK	Offset Quadrature Phase Shift Keying - QPSK with an initial phase offset (of usually 45 degrees)
OR	Operational Requirements
OR	Off-Route (aeronautical mobile and aeronautical mobile-satellite services)
ORA3	Operational Research and Analysis division of the CAA
ORBCOMM	Orbital Communications
ORCAM	Originating Regional Code Allocation Method
ORD	Operational Readiness Date/Demonstration
ORLAB	Operational Research LABoratory
ORR	Office of the Rail Regulator
ORSC	Operational Requirements Subcommittee
OSA	Operational Safety Assessment
OSC	Odenwald Station Controller
OSC	Orbital Science Corp.
OSCADY	Optimised Signals CAPacity and DelaY
OSCAR	Off-line Simulator for Collision Avoidance Resolution
OSCAR	Orbiting Satellite Carrying Amateur Radio
OSED	Operational Service and Environment Description
OSI	Open System Interconnect
OSIME	Outil de Simulation Multi-Equipments
OSS	Operations Support Specialist
OSS	Office of Space Science (HQ)
OSSE	Observing System Simulation Experiment
OSU	Oregon State University
OT&E	Operational Test and Evaluation
OTAR	Over The Air Rekey
OTH	Over-the-Horizon
OTS	Off-The-Shelf
OTS	Organised Track Structure
OTS	Operational Track Structure
OTTER	Oregon Transect Ecosystem Research
OTU	Outstation Transmission Unit
P/C CLLS	Physical/Chemical Closed Loop Life Support
P/T net	Place Transition net
P ³ I	Preplanned Product Improvement
PABX	Public Automatic Branch Exchange
PAC	Pacific Airspace
PACA	Priority Access and Channel Assignment
PACT	Pilot Actions for Combined Transport
PACTAS	Predictive Approach Control Tactical Advisory SYstem
PAHO	Pan American Health Organization



iFly - Acronyms



PAL	Peripheral Station
PAM	Pilot Acknowledgement Message (a message within ACM)
PAMELA	Pricing and Monitoring Automatically of Automobiles
PANAK	Peroxyacetyl Nitrate Aldehyde Ketones
PANS	Procedures for Air Navigation Services
PANS/OPS	Procedures for Air Navigation Services and OPERations
PAPI	Position Approach Path Indicator
PAR	Precision Approach Radar
PARADISE	Prototype of an Adaptable and Reconfigurable ATM Demonstration Integration System Environment
PARIS	(concept) Passive Reflectometry and Interferometric System
PART	Pressure Altitude Reporting Transponder
PARZOC	Parabolic Approximation Coefficients for use in a Zone of Convergence
PAS	Private Advisory Station
P-ASAS	Predictive Airborne Separation Assurance System
PAT	PAYload Tutor
PATIO	Platform for ATM tools Integration up to pre-Operation
PATs	PHARE Advanced Tools
PATWAS	Pilots Automatic Telephone Weather Answering Service
PAX	Passenger(s)
PAZ	Protected Airspace Zone
PB	Programme Board
PBA	Performance Based Airspace
PBRM	Parallel Blunder Risk Model
PBX	Private Branch Exchange
PC	Paired Comparisons
PC	Personal Computer
PC	Planning Controller
PC	Project Coordinator
PCIA	Personal Communications Industry Association
PCM	Pulse Code Modulation
PCN	Pavement Classification Number
PCN	Personal Communication Network
P-Code	Precision Code
PCP	Private Carrier Paging
PCS	Personal Communications Services
PD	PHARE Demonstration
PDA	Personal Digital Assistant
PDC	Pre-Departure Clearance
PDC	Personal Digital Cellular system
PDDI	Product Data Definition Interface
PDE	Partial Differential Equation



iFly - Acronyms



PDE	Path Definition Error
PDES	Product Data Exchange using Step
PDF	Portable Data Format
PDF	Probability Density Function
PDM	Product Data Management
PDM	Pavement Design & Materials
PDP	Piecewise Deterministic Markov process
PDP	Programmed Data Processor
PDRD	Payload Definition Requirements Document
PDRS	Problem Detection and Resolution System
PDS	Power Distribution and Switchboard
PDT	Product Development Team
PDT	Portable Data Terminal
PDTAG	Product Data Technology Advisory Group
PDXI	Process Data EXchange Institute
PEE	Position Estimation Error
PEEM	Panel of Experts on Environmental Management
PEF	Performance Evaluation Framework
PERF	Police Executive Research Forum
PF	Project Financing
PF	Pilot Flying
PF	Particle Filter
pFAST	Passive Final Approach Spacing Tool
PFD	Primary Flight Display
PHA	Preliminary Hazard Analysis
PHARE	Programme for Harmonised ATM Research in Eurocontrol
PHI	Preliminary Hazard Identification
PHIDIAS	Position Harmonisant et Integrant Dialogues Interactifs Assistance et Secours position depart
PHIGS	Programmer's Hierarchical Interactive Graphics Standards
PHOTON	Operational Soviet Satellites
PI	principal investigator
PIARC	Permanent International Association of Road Congresses
PIC	Pilot-In-Command
PICADY	Priority Intersections CAPacity and DelaY
PIDAS	Portable Instantaneous Display and Analysis Spectrometer
PIEBASE	Process Industries Executive for Achieving Business Advantage using Standards for data Exchange
PIF	Performance Influencing factor
PIPPIN	Pilot Implementation of a Process Plant Information Warehouse
PIREP	Pilot Weather Report
PIREP	Pilot Reporting Programme
PISA	Platform for Information Sharing by CIME Applications



iFly - Acronyms



PISTEP	Process Industries STEP Consortium
PLANE	Platform for Logistics and Aviation Networks in Europe
PLASI	Pulse Light Approach Slope Indicator
PLC	Power Line Carrier
PLDS	Pilot Land Data Systems
PLEIADES	Paris to London Corridor ?
PLIB	Parts Library
PLMR	Private Land Mobile Radio
PLR	Pavement Load Rating
PLUTO	Planning Land-Use and Transport Organisation
PM	Phase Modulation
PMARS	Police Mutual Aid Radio System
PMO	Program Management Office
PMP	Project Management Plan
PMR	Private Mobile Radio
PN	Petri Net
PN	Pseudo Noise - a digital signal with noise-like properties
PNF	Pilot Not Flying
PNR	Prior Notice Required
POAM	Polar Ozone and Aerosol Measurements
PO-ASAS	Principles of Operations in the use of ASAS
POB	Persons on Board
POCC	Payload Operations Control Center
PoliMi	Politecnico di Milano (Italy)
POP	Post Office Protocol
POSC	Petroleum Open Systems Corporation
POSIX	Portable Operating System Interface
POTS	Plain Old Telephone System
PP(L)	Private Pilots Licence (general)
PPAP	Process Plant Application Protocol
PPAPPP	Process Plant Application Protocol Planning Project
PPEAM	Process Plant Engineering Activity Model
PPI	Plan Position Indicator
PPM	Parts Per Million
PPO	Prior Permission Only
PPR	Prior Permission Required
PPS	Precise Positioning Service
PPS	Present Position Symbol
PR	Primary Radar
PRA	Probabilistic Risk Assessment
PRAISE	Preparation of an R& d progrAmme In Support of Eatms
PRB	Private Radio Bureau



iFly - Acronyms



PRDS	Processed Radar Display System
PRELUDE	ProATN EOLIA User Demonstrator and Evaluator
PRG	Policy Review Group (of Institute for Transport Studies)
PRIMAVERA	Priority Management for Vehicle Efficiency, Environment & Road Safety on Arterials
Primus EPIC™	A line of Avionics from Honeywell
P-RNAV	Precision Area Navigation (RNP-1 compliant)
Pro-ATN	Prototype Aeronautical Telecommunication Network
PROBA	PRoject for On-Board Autonomy
PROCOS	PROvable COrrect System
PROCRU	Procedure-Oriented Crew Model
PROCTOR	PROtotyping and validation exercise with evaluation of Concepts TO meet user Requirements
PRODEX	Scientific EXperiment Development PROgramme
PROMETHEUS	PROgramMe for European Traffic with Highest Efficiency and Unprecedented Safety
PROSIM	Program and Real-time Operations SIMulation support tool
PRS	Police Radio Service
PrT	Predicate Transition net
PS	Problem Solver
PSA	Probabilistic Safety Assessment
PSA	Protected Service Area
PSAC	Plan for Software Aspects of certification
PSAM	Pilot Symbol Assisted Modulation
PSAP	Public Safety Answering Point
PSBR	Public Sector Borrowing Requirement
PSC	Personal (Computer) Support Center
PSCC	Public Safety Communications Council
PSCN	Program Support Communications Network
PSDN	Public Switched Digital Network
PSE	Path Steering Error
PSI	Pounds per square inch
PSK	Phase Shift Keying - a digital modulation of the phase of a signal's RF carrier
PSN	Public Switched Network
PSN	Packet Switched Network
PSR	Primary Surveillance Radar
PSRS	Public Safety Radio Services
PSSA	Preliminary System Safety Analysis
pstn	Position
PSTN	Public Switched Telephone Network
PSU	Primary Sampling Unit
PSWAC	Public Safety Wireless Advisory Committee
PSWN	Public Safety Wireless Network
PT	Procedure Turn



iFly - Acronyms



PTA	Passenger Transport Authority
PTD	Parafoil Technology Demonstration
PTE	Passenger Transport Executive
PTEc	Principles of Transport Economics
PTEng	Principles of Transport Engineering
PTF	Performance Table File
PTM	Principles of Transport Modelling
PTN	Predicate Transition net
PTPM	Public Transport Planning & Management
PTRC	Planning Transportation Research and Computation
PTS	Personal Telecommunications Services
PUC	Position Uncertainty Category
PUM	Programmable User Model
PUMA	Performance and Usability Modelling in ATM
PVD	Plan View Display
PVT	private
PW	Private Wires
QA	Quality Assurance
QC	Quality Committee
QDM	(Q-Code) for Homing Track to a Station
QDR	(Q-Code) for Homing Track from a Station
QFE	(Q-Code) for Air Pressure in hPa on Ground (airport elevation)
QGO	(Q-Code) for Airport Closed
QNH	(Q-Code) for Air Pressure in hPa calculated to MSL
QNH	Natural Height (Altimeter setting)
QoS	Quality of Service
QPSK	Quadrature Phase Shift Keying
QS	Quality System
QSA	Qualitative Safety Assessment
QT	Qualification Technique
QTS	Qualification Technique Supérieure
QUAFOMET	Improving QUality And efficiency of safety critical embedded computing system by the use of FOrmal Methods
R&D	Research and Development
R/T	Radio Telephony
R/T	Receiver/Transmitter
R/T	Radio Telecommunications
RA	Radio Altimeter
RA	Resolution Advisory
RA-2	the radar altimeter on board ENVISAT
RAA	Restricted Airspace Area
RAAS	Remote Aerodrome Advisory Service



iFly - Acronyms



RADIUS	Research Association for the Development of Industrial Use of
RADNET	Radar Network (Eurocontrol)
RAF	Royal Air Force
RAILS	Runway-Alignment Indicator Light System
RAIM	Receiver Autonomous Integrity Monitoring
RAM	Random Access Memory
RAMS	Reorganized ATC Mathematical Simulator
RAMS	Reliability, Availability, Maintainability and Safety
RAP	Recognised Air Picture
RAPCON	Military Radar Approach Control
RAR	Runway Acceptance Rate
RASP	Radar Application Specialist Panel
RASRAM	Reduced Aircraft Separation Risk Assessment Model
RATCHET	Rapid ATC Human machine interface Evaluation Tool
RATO	Rocket-Assisted Take-Off
R-ATSU	Receiving ATSU
RB	Rolling Budget
RBAS	Receiver Based Augmentation System (DGNSS/DGPS)
RBD	Reliability Block Diagrams (or: Success Diagram Method)
RBLT	Rupert Beckett Lecture Theatre (Arts Block)
RBT	Reference Business Trajectory
RC	Runway Controller
RCA	Reduced Co-ordination Airspace
RCAG	Remote Communications Air to Ground
RCAH	Rate Command Altitude Hold
RCC	Rescue Co-ordination Centre
RCC	Research Coordinating Cttee (of Institute for Transport Studies)
RCECA	British Chemical Engineering Contractors Association
RCMS	Remote Control and Monitoring System
RCO	Remote Communication Outlet
RCS	Remote Controlled Stopbars
RCS	Revision Control System
RDBMS	Relational Database Management System
RDC	RijksDriehoek Coordinaten Systeem
RDCE	Radio Distribution and Control Equipment
RDH	Reference Datum Height
RDLP	Radar Data Link Application Processor
RDP	Radar Data Processing
RDPS	Radar Data Processing System
RDS	Radio Data System
RDS(TMC)	Radio Data System (Traffic Message Channel)
RDT&E	Research, development, test, and evaluation



iFly - Acronyms



REAAA	Road Engineering Association of Asia and Australasia
REAIMS	Requirements Engineering Adaptation and Improvement for Safety and Dependability
Recce	Reconnaissance
Recon	Reconnaissance
REILS	Runway-End Identification Light System
REMP	Replacement and Modernisation Programme
RENAR	Réseau de navigation Aérienne
req	Required
RESET	Reduced Separation Minima
RET	Rapid Exit Taxi way
RETD	Revised Estimated Time of Departure
RF	Registered Facility ("national" flight school as per JAR-FCL)
RF	Radio Frequency
RFG	Requirement Focus Group
RFI	Request For Information
rfi	Radio Frequency Interference
RFL	Requested Flight Level
RFL	Required Flight Level
RFP	Request For Proposal
RFQ	Request For Quotation
RFS	Research Flight Simulator
RFU	Radio Frequency Unit
RGCSPP	Review of the General Concepts of Separation Panel
RH	Righthand
RHEA	the Role of the Human in the Evolution of ATM systems
RHESys	Regional Hydro-ecological Simulation System
RHI	Relative Height Indicator
RHP	Radar Head Processor
RIASS	Runway Incursion Alert System Schiphol
RID	Road Infrastructure Design
RILS	Runway Identification Lights
RIS	Radar Interface Subsystem
RISC	Reduced Instruction Set Computer
RJ	Reversible Jump
RJMCMC	Reversible Jump Markov Chain Monte Carlo
RLD	RijksLuchtvaart Dienst (Netherlands Department of Civil Aviation)
RM	Regional Meeting
RM	Resample Move
RMC	RM Consultants Ltd
RMI	Radio Magnetic Indicator
RMK	Remark(s)
RML	Radar Microwave Link



iFly - Acronyms



RMM	Remote Maintenance Monitoring
RMO	Resource Management Office
RMP	Radio Management Panel (of aircraft)
RMS	Records Management Systems
RMS	Root Mean Square
RMS	Remote Manipulator System
RNAV	Area NAVigation (system)
RNP	Required Navigation Performance
RNPC	RNP Capability
ROC	Rate Of Climb
ROCD	Rate Of Climb or Descent
ROD	Rate Of Descent
ROGENA	free ROUTing with GENetic Algorithms
ROLEX	Robotics for Lunar Exploration
ROM	Read Only Memory
ROM	Rough Order of Magnitude
ROMANSE	Road Management System for Europe
RON	Research Octane Number (Auto fuel rating)
RON	Remain Over Night
RONLY	Receiver Only
RP	Radar Processor
RP	Routing information exchange Protocol
RPL	Repetitive flight PPlan
RPM	Revolutions per Minute
RPPL	Restricted PPL
RPT	Remote Power Transmission
RPV	Remote-Piloted Vehicle
RR	Risk Ratio
RRL	Reusable Rocket Launcher
RRL	(ex) Road Research Laboratory
RRP	ReRouting Proposal message
RSA	Runway Safety Area
RSC	Runway Surface Condition
RSFTA	Reseau du Service Fixe de Telecommunications Aéronautiques
RSO	Route per State Overflow
RSP	Required Surveillance Performance(s)
RSS	Root-Sum-Square
RSTCA	Relevance pour Services Terminaux de la Circulation Aérienne
RT	Radio Transmission
RTA	Required Time of Arrival
RTA	Road Traffic Accident
RTCA	Radio Technical Commission for Aeronautics Inc.



iFly - Acronyms



RTCA	Requirements and Technical Concepts for Aviation (/for Aeronautics)
RTCC	Regional Traffic Control Centre
RTD	Research and Technical Development
RTF	Radio Telephony
RTG	Radioisotope Thermocouple Generator
RTI	(ex) Road Transport Informatics
RTL	Regeling Toezicht Luchtvaart
RTOP	Research and Technology Operating Plan
RTprob	Random Track probability
RTR	Remote Transmitter/Receiver
RTT	Road Transport Telematics
RUL	RijksUniversiteit Leiden
RUSC	RVSM User Support Cell
RUSO	Rubidium Ultra Stable Oscillator
RVF	Rift Valley Fever
RVR	Runway Visual Range
RVSM	Reduced Vertical Separation Minimum/minima
RVV	Runway Visibility Value
RWR	Radar Warning Receiver
RWSTEM	Runway Safety and Taxiway Escort System
RWY	Runway
RxTx	Receiver-Transmitter
S&C	Stability and Control
S&M	Sequencing and Merging
S/A	Selective Availability
s/n	serial number
SA	See and Avoid
SA	Situation Awareness
SAC	Space Atomic Clock
SACTA	Sistema Automatizado de Control de Transito Aereo (Sp)
SADIS	Satellite Distribution (of World Area Forecast) System
SAE	Society of Automotive Engineers
SAG	Science Advisory Group
SAGAT	Situation Awareness Global Assessment Technique
SAGE	Stratospheric Aerosol and Gas Experiment
SAGE II	Stratospheric Aerosol and Gas Experiment II
SAIS	Science and Applications Information System
SAM	Slot Allocation Message
SAM	Safety Argument Manager
SAM	Surface-to-Air Missile
SAMS	Special Use Airspace Management System
SAMS	SMGCS Airport Movement Simulator



iFly - Acronyms



SAO	Specifications Assistées par Ordinateur
SAOZ	Système d'Analyse par Observation Zenithale
SAPCOM	Safety Program for Commercial Operators
SAR	Search and Rescue
SAR	Synthetic Aperture Radar
SARAA	Safety Analysis validation tool
SARP	Signal Automatic Radar Processing
SARPs	Standard and Recommended Practices
SART	Situation Awareness Rating Technique
SAS	Statistical Analysis System
SASP	Separation and Airspace Safety Panel
SASS	Subsonic Assessment
SAT	Satellite
SATCOM	Satellite Communications
SATURN	Simulation & Assignment of Traffic to Urban Road Networks
SAWD	Solid Amine Water Desorbed
SB	Service Bulletin
SBA	Service des Bases Aériennes
SBAS	Satellite Based Augmentation System (DGNSS/DGPS/WAAS/EGNOS)
SBI	Space Biology Initiative
SBIR	Small Business Innovative Research
SBT	Shared Business Trajectory
SBUV	Solar Backscatter Ultra-Violet
SC	Special Committee (RTCA)
SC	Stratocumuls
SC4	Subcommittee No.4
SCA	Southern Control Area
SCAA	Swedish Civil Aviation Administration
SCARAB	SCAnner for Radiation Budget
SCAR-B	Smoke, Cloud and Radiation - Brazil
SCAT-1	Special Category I
ScATCC	Scottish ATC Centre
SCCO	Soret Coefficient in Crude Oil
SCHEMA	System for Critical Human Error Management and Assessment
SCIAMACHY	Scanning Imaging Absorption Spectrometer for Atmospheric Cartography
ScOATCC	Scottish and Oceanic ATC Centre
SCOOT	Split, Cycle & Offset Optimisation Technique
SCS	Safety Critical Software
SCTA	Service du Controle du Trafic Aérien
SCWO	supercritical water oxidation
SD	Service Description
SDA	Southern Domestic Airspace



iFly - Acronyms



SDAI	Standard Data Access Interface
SDAT	Sector Design Analysis Tool
SDAU	Safety Data and Analysis Unit
SDE	Stochastic Differential Equation
SDF	Sensor Data Fusion
SDG	Steer Davies Gleave
SDI	Selective Dissemination of Information
SDI	Strategic Defense Initiative
SDLS	Satellite DataLink System
SDM	Synchronous Digital Multiplexing
SDN	Surveillance Data Network
SDTF	SMA Development and Test Facility
SDU	Safety Data Unit
SDU	Satellite Data Unit
SE	System Error
SEAD	Suppression of Enemy Air Defenses
SeaWIFS	Sea-viewing Wide Field-of-view Sensor
SEC	Safety Efficiency and Capacity
SECAM	Safety Efficiency and Capacity in ATM Methodologies
SED	Simulation Exploitation and Development
SEL	Sound Exposure Level
SELCAL	Selective Calling System
SELF	Small Event tree/Large Fault tree (or: Fault tree linking)
SEP	Societe Européenne de Propulsion
SES	Single European Sky
SESA	Societe d'Études des Systemes d'Automation
SESAME	Second European Stratospheric Arctic and Mid Latitude Experiment
SESAR	Single European Sky ATM Research
SET	Standard d'Echange et de Transfert
SEU	Software Engineering Unit
SEWP	Scientific and Engineering Workstation Procurement
SFACT	Service de la Formation Aéronautique et du Controle Technique
SFC	Specific Fuel Consumption
SFCG	Space Frequency Coordination Group
SFEC	South Fork Elk Creek
SFM	Strategic Flow Management
SFMEA	System Failure Mode and Effect Analysis
SFO	Simulated Flameout
SGG	Spaceborne Gravity Gradiometry
SGML	Standard Generalised Mark-up Language
SHAMAN	System to Help Analysis and Monitoring of ACC resources and air route Network
SHARP	Systematic Human Action Reliability Procedure



iFly - Acronyms



SHASA	Small High Altitude Science Aircraft
SHF	Super High Frequency
SI	Spacing Interval
SICASP	SSR Improvements and Collision Avoidance System Panel
SID	Standard Instrument Departure
SIDRA	Signal Intersection Design & Research Aid (ARRB)
SIF	Selective Identification Facility
SIGMET	SIGNificant METeo(ological advisory)
SIL	Safety Integrity Levels
SILEX	Satellite Interlink Experiment
SIM	Simulator
SIM 5+	Simplified aircraft Model
SIMAST	SIMulation of AIrport Surface Traffic
SIMCOOP	SIMulation tool for COOPerative work
SIMMOD	airfield/airport and airspace SIMulation MODel
SIP	Slot Improvement Proposal
SIRD	Support Instrumentation Requirements Document
SIRS	Support Information Retrieval System
SIS	Signal-In-Space
SISO	Single Input, Single Output
SITA	Societe Internationale de Telecommunication Aérienne/Aéronautiques
SL	Sea Level
SL	Service Level
SLAC	Stanford Linear Accelerator
SLAM	Standoff Land Attack Missile
SLC	Single-Look Complex [image]
SLIM	Success Likelihood Index Methodology
SLR	Satellite Laser-Ranging
SLR	Side-Looking Radar
SLS	Spacelab Life Sciences
SM	Separation Minima
SMA	Surface Movement Advisor (NASA)
SMA	S-band Multiple Access system
SMART-1	Small Missions for Advanced Research in Technology
SMC	System Monitor Console
SMC	Sequential Monte Carlo
SMCA	Serial Multiprocessor Communication Adapter
SMDS	Switched Multimegabit Ditigal Service
SME	Small and Medium sized Enterprise
SMGCS	Surface Movement Guidance and Control System
SML	Spectral Measurements Lab
SMO	Small Missions Opportunity



iFly - Acronyms



SMOI	Small Missions Opportunity Initiative
SMS	Safety Management System
SMS	Short Message System (Mobile Telephone Feature)
SNAcP	SubNetwork Access Protocol
SNDCF	SubNetwork Dependant Convergence Function
SNMP	Simple Network Management Protocol
SNTT	Safety of New Technology in Transport
SOAR	State, Operator and Result
SOC	Science Operations Centres
SOFIA	Stratospheric Observatory for Infrared Astronomy
SOFIA	Safe Automatic Flight Back and Landing of Aircraft
SOFREAVIA	Société Française d'Études et de Réalisations d'Équipements Aéronautiques
SOHO	SOLar High resolution Observatory
SOLSTICE	Solar Stellar Irradiance Comparison Experiment
SOP	Standard Operating Procedure
SOPRANO	Submillimetre-wave Observations of PRocesses in the Atmosphere Noteworthy for Ozone
SPA	Slot improvement Proposal Acceptance
SPA	Solar Panel Array
SPADE	Special Aerospace Defence Exercise
SPADE	Stratospheric Photochemistry Aerosols, and Dynamics Experiment
SPAM	Safety Policy and Models
SPAM	Stated Preference Analysis Methods
SPAN	Space Physics Analysis Network
SPARC	Strip Production and Route Code
SPARMOWG	Surface Processes Airborne Research Management and Operations Working Group
SPC	Statistical process control
SPD	Speed
SPDM	Special Purpose Dexterous Manipulator
SPECI	Special Report (Meteo)
SPECTACLE	Simulateur Phidias pour l'Entrainement des Controleurs du Trafic Aérien Connectable au Logiciel Electra
SPI	Single Process Initiative
SPIA	System Performance and Investment Analysis
SPI-NL	Samenwerkingsverband Process Industrie - NederLand
SPL	System PPlan
SPN	Stochastic Petri Net
SPORT	Systeme Pretactique pour Optimiser la Regulation du Trafic
SPORT	Superposition pour les Operations de Regulation du trafic Aérien
SPOT	Systeme Pour l'Observation de la Terre
SPOT	Satellite pour l'observation de la terre
SPOT	Sistema Per Optimizzazione di Traffico
SPR	Safety and Performance Requirements



iFly - Acronyms



SPR	Slot improvement Proposal Rejection
SPR	Safety and Performance Requirements
SPS	Standard Positioning Service
SPS	Solar Power Satellite
SPSS	Statistical Package for the Social Sciences
SPV	Supervisory Subsystem
SPVA	State Probability Vector Approximation
SQL	Structured Query Language
SQL	Standard Query Language
SR	System Requirement
SR	Sunrise
SRAM	Short-Range Attack Missile
SRC	Safety Regulation Commission
SRG	Safety Regulation Group
SRI	Stanford Research Institute
SRM	Slot Revision Message
SRM	Strategisch RekenModel
SRS	Standard Routing Scheme (ARN)
SS	Sunset
SS	Safety Specialists, Inc.
SS	Space Station
SSA	System Safety Analysis
SSA	Self Separated Airspace
SSAS	Self Separation airspace
SSBUV	Shuttle Solar Backscatter Ultra-Violet
SSC	John C. Stennis Space Center
SSC	Science Steering Committee
SSE	Software Support Environment
SSEB	South of Scotland Electricity Board
SSEP	Airborne Self Separation
SSG	(Discrete) State Space Graphs (or: Markov chains)
SSIS	Systeme de Securite Incendie et Sauvetage
SSIS	Space Station Information System
SSM/I	Special Sensor Microwave/Imager
SSME	Space Shuttle Main Engine
SSO	Sun-Synchronous Orbit
SSOTF	Space Station Operations Task Force
SSPA	Single Stage Power Amplifier
SSQPO	Small Size Quasi-Periodic Orbits
SSR	Secondary Surveillance Radar
SSS	System/Subsystem Specification
SST	Supersonic Transport



iFly - Acronyms



SST	Satellite-Satellite Tracking
SSTO	Single-Stage-To(LEO)-Orbit
STA	Scheduled Time of Arrival
STADE	Surveillance Traffic ADS by Data-link for Experimentation
STAHR	Socio-Technical Assessment of Human Reliability
STANS	SIimulation Facility for a Total Air Navigation System
STAR	Standard Arrival
STAR	Standard Terminal (Instrument) Arrival Route
STAR	Systeme de Traitement des Archives et des Redevances
STAR	Studies, Tests and Applied Research
STARS	Standard Terminal Automation Replacement System (FAA)
STAZ	Short Term Awareness Zone
STC	Supplemental Type Certificate
STC	Short Term Conflict
STCA	Short Term Conflict Alert
STCD	SHort Term Conflict Detection
STCD&R	Short Term CD&R
STCR	Short Term Conflict Resolution
STD	Scheduled Time of Departure
STDMA	Self-organizing Time Division Multiple Access
STEMM	Strategic European Multi-Modal Modelling
STEP	Standard for the Exchange of Product data
STEP	Stratosphere Troposphere Exchange Project
STIP	Systeme de Traitement Initial des Plans de vol
STNA	Service Technique de la Navigation Aérienne
STOL	Short Takeoff and Landing aircraft
STOPHAZ	Support Tools for Process Hazard and Operability Studies
STOVL	Short Take-Off/Vertical Landing
STPV	Systeme de Traitement des Plans de Vol
STR	Systeme de Traitement Radar
STRANGE	Simplified TRAjectory GEnerator
STS	Space Transportation System
STVS	Small Tower Voice Switch
SUA	Special Use Airspace
SUATMS	Single Unified ATM System
SUC	Start-Up Controller
SUP	ATM System Support
SUPPS	Supplementary Procedures
SUR	Surveillance
SVD	Selective Vehicle Detection
SVDD	Speed Violation Detection and Deterrence
SVFR	Special VFR flight / Special Visual Flight Rules



iFly - Acronyms



SVGA	Super Video Graphics Array
SVS	Synthetic Vision System
SW	SoftWare
S-WAKE	Wake Vortex Safety Assessment project for the EC
SWAT	Subjective Workload Assessment Technique
SWC	Significant Weather Chart
SWEAT	Structured Workload Evaluation and Assessment Techniques
SWIFT	Specification for Working positions In Future ATC
SWIM	System Wide Information Management
SWIR	Short Wave Infra-Red
SWK	Scott Wilson Kirkpatrick
SYAGE	Systeme Anticipatif de Gestion des Espacements
SYSCO	System Supported Coordination
SZ	Safety Zone
T&E	Transport and the Environment
t/o	take-off
T/O	Take-Off
T/W	Thrust-to-Weight Ratio
TA	Transition Altitude
TA	Technical Annex
TA	Traffic Advisory
TA	Traffic Alert
TA/RA	Traffic Advisory/Resolution Advisory
TAAM	Total Airspace and Airport Modeller
TACAN	Tactical Air Navigation
TACT	CFMU TACTical system
TAE	Transportable Applications Executive
TAE	Track Angle Error
TAF	Terminal Area Forecast
TAGS	Taxi Assistance and Guidance System
TAGSY	Taxi Assistance and Guidance System
TALIS	Taxiing Aircraft Location and Identification System
TAOS	Technology for Autonomous Operations in Space
TAP	Transport and Archiving of Product Definition Data
TAPE	Total Airport Performance and Evaluation
TAR	Terminal Approach Radar
TARFOX	Tropospheric Aerosol Radiative Forcing Observation Experiment
TARMAC	Taxi And Ramp Management And Control
TAS	True Air Speed
TATCA	Terminal ATC Automation
TATS	Tether-Assisted Transport System
T-ATSU	Transferring ATSU



iFly - Acronyms



TBD	To Be Defined
TBO	Time between overhaul
TBS	Time Based Sequencing
TC	Type Certificate
TC	Tactical Controller
TC	Transport Canada
TC184	Technical Committee No.184
TCA	Terminal Control Area
TCAS	Traffic alert and Collision Avoidance System
TCAS	Traffic Collision Avoidance System
TCCC	Tower Control Computer Complex
TCH	Threshold Crossing Height
Tcl/Tk	Tool command language/ Toolkit
TCP	Trajectory Change Point
TCP/IP	Transport Control Program/Internet Protocol
TCS	Terrestrial Communications System
TCS	Thermal Control (sub)System
TCS	Traffic Control Systems
TCU	Terminal Control Unit
TD	Thermal Desorption
TDCA	Transport Data Collection & Analysis
TDCE	Telephone Distribution and Control Equipment
TDE	Technology Demonstration Experiment
TDLS	Tower Data Link System
TDMA	Time Division Multiple Access (VDL)
TDMA	Time Division Multiple Access
TDP	Technology Demonstration Programme
TDR	Time Discounting Rate
TDRSS	Tracking and Data Relay Satellite System
TDWR	Terminal Doppler Weather Radar
TDZ	Touchdown Zone
TDZE	Touchdown Zone Elevation
TDZL	Touchdown Zone Lighting
TEC	Traffic Engineering and Control
TEEAC	Technicien des Études et de l'Exploitation de l'Aviation Civile
TEF	European Technology Exposure Facility
TELS	Telecommunications
TELS ADP	Telecommunications Automated Data Processing Centre
TEM	Total-Energy Model
TEN	Trans European Network
Terr	Terrain
TESEO	Tecnica Empirica Stima Errori Operatori (Empirical technique to estimate operator



iFly - Acronyms



	errors)
TETRA	Trans-European Trunked Radio
TF	Terrain Following
TFL	Transfer Flight Level
TFM	Traffic Flow Management
TFR	Terrain-Following Radar
TFTS	Terrestrial Flight Telephone System
TGDLP	Trials GDLP
TGS	TGS Technology, Inc.
TH(R)	Threshold
THAALES	Ground trajectory prediction simulation
THERP	Technique for Human Error Rate Prediction
TIBS	Telephone Information Briefing Service
TIC TAC	TIme Constraint TrAJectory Computation
TID	Touch Input Device
TIF	Transponder Interface Function
TIGA	Texas Instruments Graphics Architecture
TIMS	Thermal Infrared Multispectral Scanner
TIROS	Television and Infrared Observation Satellite
TIS	Traffic Information Service
TIS-B	Traffic Information Service Broadcast
TIS-C	Traffic Information Service - Contract
TKOF	Take-Off
TLE	Two-Line Elements
TLOF	Touchdown and Lift-Off area
TLS	Target Level of Safety
TLS	Transponder Landing System
TM	Traffic Management
TM	Thematic Mapper
TM	Trajectory Management
TMA	Terminal Manoeuvring Area
TMA	Traffic Management Advisor
TMA	Terminal Area
TMan	Traffic Management
TMC	Traffic Management Coordinator
TMC	Traffic Message Channel (Radio)
TMod	Traffic Models
TMS	Technical Management System
TMS	Thematic Mapper Simulator
TMU	Traffic Management Unit
TN	Trajectory Negotiation
TN	Technical Note



iFly - Acronyms



TNC	Tactical Navigation Chart
TNP	Trajectory Negotiation Process
TOA	Top Of the Atmosphere
TOC	Top Of Climb
TOD	Top Of Descent
TOGA-COARE	Tropical Ocean Global Atmosphere-Coupled Ocean Atmosphere Response Experiment
TOGW	Takeoff Gross Weight
TOMAAS	Technische Operationele Maatregelen Amsterdam Airport Schiphol
TOMS	Total Ozone Mapping Spectrometer
TOP	Technical and Office Protocol
TOPAZ	Traffic Organization and Perturbation AnalyZer
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
TOV	Terminal Occupancy Value
TOVS	TIROS Operational Vertical Sounder
TOWSIM	air traffic control TOWer SIMulator
TP	Trajectory Predictor/Prediction
TP	Turning Point
TPC	Tactical Piloting Chart
TPFA	Transport Policy Formulation & Assessment
TPP	Transport Planning and Policy
TPP	Transport Policy and Programme
TPPrac	Transport Planning Practice
TPS	Thermal Protective Systems
TPS	Transport Planning Society (UK)
TQM	Total Quality Management
TRA	Temporary Reserved Area
TRA	Tower Radar Area
TRA	Temporary Reserved Area
TRACON	Terminal Radar Approach CONtrol
TRAFFIC	Traceability of the evolution of communication, navigation, surveillance (CNS) requirements versus operational concepts
TRANSYT	Traffic Network StudY Tool
TRICS	Trip Rate Information Computer System
TRL	Transport Research Laboratory
TRP	Tower Radar Plan
TRRL	(ex) Transport & Road Research Laboratory
TRS	Tower Research Simulator
TRSA	Terminal Radar Service Area
TS	Trajectory Synthesizer
TSA	Temporarily Segregated Airspace



iFly - Acronyms



TSB	Transportation Safety Board of Canada
TSD	Traffic Situation Display
TSD	Time Sequence Diagram
TSE	Total System Error
TSG	Transport Supplementary Grant
TSMO	Time since major overhaul
TSO	Technical Standard Order
TSO	Technical Service Order
TSTO	Two-Stage-To (Leo)-Orbit
TT	Total Time (since new or since ...)
TTC	Tactical Traffic Controller
TTF	Traffic To Follow
TTIC	Traffic and Travel Information Centre
TU	Technology Utilization
TWB	Transcribed Weather Broadcast
TWDL	Two-way Datalink
TWEB	Transcribed Weather Broadcast
TWEN	University of Twente
TWIP	Terminal Weather Information to Pilots
TWR	Tower (Aerodrome control) (Airport Control Tower)
Tx/Rx	Transmission/Reception
u/s	unserviceable
UA	Unmanaged Airspace
UAC	Upper Air Control
UARP	Upper Atmosphere Research Program
UARS	Upper Atmosphere Research Satellite
UAS	Upper Airspace Suite
UAS	Unmanned Aerial System
UAT	Universal Access Transceiver
UAV	Unmanned Aerial Vehicle / Unmanned Airborne Vehicle / Unmanned Air Vehicle
UCAM	University of Cambridge
UCB	University of California, Berkeley
UCD	University of California, Davis
UCE	Unite de Controle Espace
UCL	University College London (UK)
UCS	University Computing Service
UCT	Universal Coordinated Time
UDP	User Datagram Protocol
UF	University of Florida
UFN	Until Further Notice
UFO	Unidentified Flying Object
UGV	Unmanned Ground Vehicle



iFly - Acronyms



UH	Utility Helicopter
UHF	Ultra-High Frequency
UIC	Union Internationale des Chemin De Fer
UIR	Upper Flight Information Region
UKCIC	UK CALS Industry Council
UL, ULM	Ultralight, Ultra-léger motoris,
ULB	Université Libre de Bruxelles (B)
ULES	University of Leicester
UMAS	Unmanaged Airspace (Eurocontrol Definition)
UN	United Nations
UNEP	United Nation's Environment Program
UNICE	Union of Industrial and Employers' Confederations of Europe
UNICOM	Universal Communications
UNISPACE	UNIted nations conference on the exploration & useful uses of SPACE
UPS	Uninterruptible Power Supply
UPWT	Unitary Plan Wind Tunnel
UR	User Requirement
URD	User Requirements Document (EATMS)
URET	User Request Evaluation Tool
URL	Universal Resource Locator
US NRC	United States Nuclear Regulatory Commission
USAF	US Air Force
USAMRIID	United States Army Medical Research Institute for Infectious Disease
USC	University of Southern California
USDA	U.S. Department of Agriculture
USE	User Support Environment
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USG(al)	US-Gallon (3.78 Liter)
USGCRP	U.S. Global Change Research Program
USGS	U.S. Geological/Geodetic Survey
USITF	ADS-ATC User Interface
USUHS	Uniformed Services University of the Health Sciences
UTartu	University of Tartu
UTC	Universal Time Coordinated
UTC	Urban Traffic Control
UTMC	Urban Traffic Management and Control
UTSG	Universities Transport Study Group
UV	Ultra Violet
UVA	Utility Value Analysis
UV-A	320-400 nm UV Wavelength Interval
UV-B	280-320 nm UV Wavelength Interval



iFly - Acronyms



V/STOL	Vertical/Short Take-Off and Landing
VAFB	Vandenburg Air Force Base
VAG	Visual Approach Guidance
VAL	Visual Approach and Landing (Chart)
VAL	Validation
VAP	Visual Aids Panel
VAPORETO	Validation Process for Overall Requirements in air Traffic Operations
VAR	Variation
VASI	Visual Approach Slope Indicator
VASIS	Visual Approach Slope Indicator System
VAT	Velocity At Threshold
VAT	Value Added Tax
VCCS	Voice Communications and Control System
VCD	Vapor Compression Distillation
VCI	Voice Change Instruction
VCI	Voice Channel Instruction
VCR	Visual Control Room
VCR	Video Cassette Recorder
VCS	Voice Communication System
VCS	Vehicle Control Service
VCSS	Voice Communication Switching System
VDA	Verein Deutscher Automobil
VDAFS	Verband der Deutschen Automobilindustrie Flächen
VDL	VHF Data Link
VDM	Virtual Device Metafile
VDP	Visual Descent Point
VDR	VHF Data Radio
VDR	Voyage Data Recorder
VDS	Vehicle Detection System
VDU	Visual Display Unit
VFR	Visual Flight Rules
VG	Variable Geometry
VGA	Video Graphics Display
VHF	Very High Frequency
VIC	Visitor Information Center
VICTOR	Visual Interface for Controllers for Transfert Of Resolution Advisory
VIFF	Vectoring in Forward Flight
VIS	Visual, Visibility
VIZIR	Outil d'assistance pour le controle en-route
VJAR-FCL	Verordnung JAR-FCL (JAR-FCL transformed to Swiss Law)
VKL	Verkeersleider
VLA	Very Light Aircraft (Aircraft certification category)



iFly - Acronyms



VLA	Very Large Aircraft (NATO description for future transport aircraft)
VLADIMIR	Variable Legend Assessment Device for Investigation of Individual Route choice
VLf	Very Low Frequency
VMC	Visual Meteorological Conditions
VME	VHF Measurement Equipment
VMS	Variable Message Signs
VMS	Vertical Motion Simulator
VNAV	Vertical Navigation
VNC	VFR Navigation Chart
VNIR	Very Near Infra-Red
VNIS	Vehicle Navigation and Information Systems
VOC	volatile organic compound
VOLMET	Ground-to Air broadcast of meteorological information
VOR	VHF Omni-Directional (Radio-)Range
VOR-DME	VOR guidance with DME distance data
VOR-ILS	VOR linked to aircraft ILS
VORTAC	VOR collocated with TACAN
VOT	VOR receiver Test facility
VPN	Virtual Private Network
VRU-TOO	Vulnerable Road User Traffic Observation and Optimisation
VSAT	Very Small Aperture Terminal
Vso	V-Speed-List: Stall Speed in Landing Configuration
VTA	VFR Terminal Area chart
VTO	Vertical Take-Off
VTOL	Vertical Takeoff and Landing aircraft
VTS	Vessel Traffic Services
VTVL	Vertical Take-off/Vertical Landing
VZ	Vliegzakken (Flight Standards Division of LI)
WA	Weather Advisory
WA('98)	(IAOPA 19th) World Assembly (1998)
WAAS	Wide Area Augmentation System/Service
WAC	World Aeronautical Chart
WAD	Wide Area Differential Augmentation
WADGPS	Wide Area Differential GPS
WAN	Wide Area Network
WARP	Weather and Radar Processor
WAS	Water Aerodrome Supplement
WAS	Whole Air Sampler
WAVIR	Wake Vortex Induced Risk
WB	World Bank (another name for IBRD)
WBS	Work breakdown structure
WCRP	World Climate Research Programme



iFly - Acronyms



WCTR	World Conference on Transport Research
WD	Working Draft
WEc	Welfare Economics and Cost Benefit Analysis
WESRAC	Western Regional Applications Center
WG	Working Group (EUROCAE)
WGS	World Geodetic System
WGS-84	World Geodetic System/Survey-1984
WHA	Weather Hazard Areas
WHO	World Health Organization
WHO-MAP	World Health Organization's Malaria Action Program
WIAS	Weather Information and Display System
WIG	Wing In Ground-Effect
WIP	Work in Progress
WIPO	World Intellectual Property Organisation
WMC	Western Mapping Center, USGS
WMO	World Meteorological Organisation
WMS	Wide Area Master Station
WP	Work Package
WPL	Work Package Leader
WPR	Work Package Report
WPT	Waypoint
WRS	Wide Area Reference Station
WS	Wind Shear
WSO	World Space Observatory
WSR	Weather Surveillance Radar
WT	Wind Tunnel
WTO	World Trade Organisation
WVWS	Wake Vortices Warning System
WW	Wind Watch
WWW	World Wide Web
WX	Weather
WXR	Weather Radar
XFF	eXtended Free-Flight
XIW	eXtra Info Window
XMM	X-Ray Multi Mirror Mission
XPDR	Transponder. Radar-enhancement/datalink box for ATC purposes.
ZA	Zonal Analysis
ZAN	Anchorage ARTCC
ZFW	Fort Worth ARTCC
ZHN	Honolulu ARTCC
ZID	Indianapolis ARTCC
ZME	Memphis ARTCC



iFly - Acronyms



ZOA	Oakland ARTCC
ZOC	Zone of Convergence
ZTB	Zuidelijke TaxiBaan (Southern Taxiway)