

Appendix B

Acronyms

A

AAC—Aircraft Administration Communications
AAUP—Attention All Users Page
AC—Advisory Circular
ACARS—Aircraft Communications Addressing and Reporting System
ADCs—Air Data Computers
ADDS—Aviation Digital Data Services
ADF—Automatic Direction Finder
ADS—Automatic Dependent Surveillance
ADS-B—Automatic Dependent Surveillance-Broadcast
AEG—Aircraft Evaluation Group
A/FD—Airport/Facility Directory
AFM—Airplane Flight Manual or Aircraft Flight Manual
AFMS—Airplane Flight Manual Supplements
AFS—Aircraft Flight Safety
AFS—Flight Standards Service
AFSS—Automated Flight Service Station
AGL—Above Ground Level
AIM—Aeronautical Information Manual
AIP—Aeronautical Information Publication
AIR—Aircraft Certification Service
AIRMETS—Airman’s Meteorological Information
AIS—Aeronautical Information Services
AJV-5—Aeronautical Information Services
AJW-3—Flight Inspection Services
ALT ACQ—Altitude Acquire
ALT Hold—Altitude Hold
ANP—Actual Navigation Performance
AOC—Aircraft Operational Communications
APT WP—Airport Waypoint
APV—Approach with Vertical Guidance
ARINC—Aeronautical Radio Incorporated
A-RNAV—Advanced Area Navigation
ARTCC—Air Route Traffic Control Center
ARTS—Automated Radar Terminal System
ASDA—Accelerate-Stop Distance Available
ASDE-X—Airport Surface Detection Equipment-Model X
A-SMGCS—Advanced Surface Movement Guidance and Control System
ASOS—Automated Surface Observing System
ASR—Airport Surveillance Radar
ASRS—Aviation Safety Reporting System
ATA—Air Transport Association
ATC—Air Traffic Control
ATCAA—Air Traffic Control Assigned Airspace

ATCRBS—Air Traffic Control Radar Beacon System
ATCS—Air Traffic Control Specialist
ATD—Along-Track Distance

ATIS—Automatic Terminal Information Service
ATS—Air Traffic Service
AWC—Aviation Weather Center
AWOS—Automated Weather Observing System
AWSS—Automated Weather Sensor System

B

Baro-VNAV—Barometric Vertical Navigation
B-RNAV—European Basic RNAV

C

CAT—Category
CDI—Course Deviation Indicator
CDL—Configuration Deviation List
CENRAP—Center Radar ARTS Processing
CFA—Controlled Firing Areas
CFIT—Controlled Flight Into Terrain
CFR—Code of Federal Regulations
CNF—Computer Navigation Fix
COP—Changeover Point
COTS—Commercial Off-The-Shelf
CRC—Cyclic Redundancy Check
CTAF—Common Traffic Advisory Frequency
CVFP—Charted Visual Flight Procedure
CWAS—Center Weather Advisories

D

DA—Density Altitude; Decision Altitude
D-ATIS—Digital Automatic Terminal Information Service
DDA—Derived Decision Altitude
DEM—Digital Elevation Model
DER—Departure End of the Runway
DF—Direction Finding
DH—Decision Height
DME—Distance Measuring Equipment
DOD—Department of Defense
DOT—Department of Transportation
DPs—Departure Procedures
DRVSM—Domestic Reduced Vertical Separation Minimums
DUATS—Direct User Access Terminal System
DVA—Diverse Vector Area

E

E/D—End of Decent
EDCT—Expect Departure Clearance Time
EFAS—En-Route Flight Advisory Service
EFB—Electronic Flight Bag
EFC—Expect Further Clearance

EFV—Enhanced Flight Visibility
EFVS—Enhanced Flight Vision System
EGPWS—Enhanced Ground Proximity Warning Systems
EOPs—Engine Out Procedures
EOVM—Emergency Obstruction Video Map
ER-OPS—Extended Range Operations
ETA—Estimated Time of Arrival
EV—Enhanced Vision
EVO—Equivalent Visual Operations
EWINS—Enhanced Weather Information System

F

FAA—Federal Aviation Administration
FAF—Final Approach Fix
FAP—Final Approach Point
FB—Fly-By
FBWP—Fly-By Waypoint
FCC—Federal Communications Commission
FD—Flight Director
FDP—Flight Data Processing
FE—Flight Engineer
FIR—Flight Information Region
FIS—Flight Information System
FIS-B—Flight Information Services–Broadcast
FISDL—Flight Information Services Data Link
FL—Flight Level
FL CHG—Flight Level Change
FLIR—Forward Looking Infra-Red
FMC—Flight Management Computer
FMS—Flight Management System
FO—Fly-Over
FOM—Flight Operations Manual
FOWP—Fly-Over Waypoint
FPA—Flight Path Angle
FPM—Feet Per Minute
FPNM—Feet Per Nautical Mile
FPV—Flight Path Vector
FSB—Flight Standardization Board
FSDO—Flight Standards District Office
FSL—NOAA Forecast Systems Laboratory
FSS—Flight Service Station

G

GBAS—Ground-Based Augmentation System
GCA—Ground Controlled Approach
GCO—Ground Communication Outlet
GDP—Ground Delay Programs
GDPE—Ground Delay Program Enhancements
GLS—Ground Based Augmentation System Landing System
GNSS—Global Navigation Satellite System GPS—Global Positioning System
GPWS—Ground Proximity Warning System G/S—Glide Slope

GS—Ground Speed
GWS—Graphical Weather Service

H

HAA—Height Above Airport
HAR—High Altitude Redesign
HAT—Height Above Touchdown
HAZMAT—Hazardous Materials
HDD—Head-Down Display
HF—High Frequency
HGS—Head-up Guidance System
HIWAS—Hazardous In-flight Weather Advisory Service
HSI—Horizontal Situation Indicator
HUD—Head-Up Display

I

IAF—Initial Approach Fix
IAP—Instrument Approach Procedure
IAS—Indicated Air Speed
ICAO—International Civil Aviation Organization
IF—Intermediate Fix
IFR—Instrument Flight Rules
IIMC—Inadvertent Instrument Meteorological Condition
ILS—Instrument Landing System
IMC—Instrument Meteorological Conditions
INS—Inertial Navigation System
IOC—Initial Operational Capability
IRU—Inertial Reference Unit

K

KIAS—knots indicated airspeed
KLAX—Los Angeles International Airport
KLMU—Monroe Regional Airport

L

LAAS—Local Area Augmentation System
LAHSO—Land And Hold Short Operations
LDA—Localizer-type Directional Aid; Landing Distance Available
LF—Low Frequency
LNAV—Lateral Navigation
LOC—Localizer
LOM—Locator Outer Marker
LPV—Localizer Performance with Vertical Guidance
LTP—Landing Threshold Point
LVL CHG—Level Change

M

MAA—Maximum Authorized Altitude
MAHWP—Missed Approach Holding Waypoint
MAMS—Military Airspace Management System

MAP—Missed Approach Point
MAWP—Missed Approach Waypoint
MCA—Minimum Crossing Altitude

MDA—Minimum Descent Altitude
MDH—Minimum Descent Height
MEA—Minimum En-route Altitude
MEL—Minimum Equipment List
METAR—Aviation Routine Weather Report
MF—Medium Frequency
MIA—Minimum IFR Altitude
MLS—Microwave Landing System
MMWR—Millimeter Wave Radar
MNPS—Minimum Navigation Performance Specifications
MOA—Military Operations Area
MOCA—Minimum Obstruction Clearance Altitude
MOPS—Minimum Operational Performance Standards
MORA—Minimum Off-Route Altitude
MRA—Minimum Reception Altitude
MSA—Minimum Safe Altitude
MSAW—Minimum Safe Altitude Warning
MSL—Mean Sea Level
MTA—Minimum Turning Altitude
MTR—Military Training Route
MVA—Minimum Vectoring Altitude

N

NA—Not Authorized
NACO—National Aeronautical Charting Office
NAS—National Airspace System
NASA—National Aeronautics and Space Administration
NAT—North Atlantic
NAVAID—Navigational Aid
NCAR—National Center for Atmospheric Research
NDB—Non-Directional Beacon
NextGen—Next Generation Air Transportation System
NFDC—National Flight Data Center
NFPO—National Flight Procedures Office
NGA—National Geospatial- Intelligence Agency
NM—Nautical Mile
NMAC—Near Mid-Air Collision
NNEW—Next Generation Network-Enabled
NOAA—National Oceanic and Atmospheric Administration
NO A/G—No Air-to-Ground Communication
NOPAC—North Pacific
NOTAM—Notice to Airmen
NOZ—Normal Operating Zone
NPA—Non-Precision Approach
NRR—Non-Restrictive Routing
NRS—National Reference System
NTAP—Notice to Airmen Publication
NTSB—National Transportation Safety Board

NTZ—No Transgression Zone
NVS—NAS voice switch
NWS—National Weather Service

O

OAT—Outside Air Temperature
OBS—Omni Bearing Selector
OCS—Obstacle Clearance Surface
ODP—Obstacle Departure Procedure
OpSpecs—Operations Specifications
OROCA—Off-Route Obstruction Clearance Altitude
OSV—Operational Service Volume

P

PA—Precision Approach
PAR—Precision Approach Radar
PCG—Positive Course Guidance
PDC—Pre-Departure Clearance
PDR—Preferential Departure Route
PF—Pilot Flying
PFD—Primary Flight Display
PI—Principal Inspector
PIC—Pilot In Command
PIREP—Pilot Weather Report
PKI—Public/Private Key Technology
PM—Pilot Monitoring
POH—Pilot's Operating Handbook
POI—Principle Operations Inspector
PRM—Precision Runway Monitor
P-RNAV—European Precision RNAV
PT—Procedure Turn
PTP—Point-To-Point

Q

QFE—Transition Height
QNE—Transition Level
QNH—Transition Altitude

R

RA—Resolution Advisory; Radio Altitude
RAIM—Receiver Autonomous Integrity Monitoring
RAL—Research Applications Laboratory
RCO—Remote Communications Outlet
RJ—Regional Jet
RNAV—Area Navigation
RNP—Required Navigation Performance
RNP AR—Required Navigation Performance Authorization Required
ROC—Required Obstacle Clearance
RSP—Runway Safety Program
RVR—Runway Visual Range
RVSM—Reduced Vertical Separation Minimums
RVV—Runway Visibility Value

RWY—Runway
RWY WP—Runway Waypoint

S

SA—Situational Awareness
SAAAR—Special Aircraft and Aircrew Authorization Required
SAAR—Special Aircraft and Aircrew Requirements
SAMS—Special Use Airspace Management System
SAR—Search and Rescue
SAS—Stability Augmentation System
SATNAV—Satellite Navigation
SDF—Simplified Directional Facility
SDR—Service Difficulty Reports
SER—Start End of Runway
SIAP—Standard Instrument Approach Procedure
SID—Standard Instrument Departure
SIGMET—Significant Meteorological Information
SM—Statute Mile
SMA—Surface Movement Advisor
SMGCS—Surface Movement Guidance and Control System
SOIA—Simultaneous Offset Instrument Approaches
SOP—Standard Operating Procedure
SPECI—Non-routine (Special) Aviation Weather Report
SSV—Standard Service Volume
STAR—Standard Terminal Arrival
STARS—Standard Terminal Automation Replacement System
STC—Supplemental Type Certificate
SUA—Special Use Airspace
SUA/ISE—Special Use Airspace/In-flight Service Enhancement
SVFR—Special Visual Flight Rules
SVS—Synthetic Vision System
SWAP—Severe Weather Avoidance Plan
SWIM—System Wide Information Management

T

TA—Traffic Advisory
TAA—Terminal Arrival Area
TACAN—Tactical Air Navigation
TAF—Terminal Aerodrome Forecast
TAS—True Air Speed
TAWS—Terrain Awareness and Warning Systems
TB—Track Bar
TCAS—Traffic Alert and Collision Avoidance System
TCH—Threshold Crossing Height
TDLS—Terminal Data Link System
TDZ—Touchdown Zone
TDZE—Touchdown Zone Elevation
TEC—Tower En-route Control
TERPS—U.S. Standard for Terminal Instrument Procedures
TFR—Temporary Flight Restriction
TIS-B—Traffic Information Service-Broadcast
TIBS—Telephone Information Briefing Service

TIS-B—Traffic Information Service-Broadcast
TIBS—Telephone Information Briefing Service
TOC—Top Of Climb
TOD—Top Of Descent
TODA—Takeoff Distance Available
TOGA—Takeoff/Go Around
TORA—Takeoff Runway Available
TPP—Terminal Procedures Publication
TRACAB—Terminal Radar Approach Control in Tower Cab
TSO—Technical Standard Order
TSOA—Technical Standing Order Authorization

U

UHF—Ultra High Frequency
UNICOM—Universal Communications
U.S.—United States
USAF—United States Air Force
USDA—United States Department of Agriculture

V

VCOA—Visual Climb Over Airport / Airfield
VDA—Vertical Descent Angle
VDP—Visual Descent Point
VFR—Visual Flight Rules
VGSI—Visual Glide Slope Indicator
VHF—Very High Frequency
VLJ—Very Light Jet
VMC—Visual Meteorological Conditions
VMINI—Minimum Speed-IFR
VNAV—Vertical Navigation
VNEI—Never-Exceed Speed-IFR
VSI—Vertical Speed Indicator
VOR—Very High-Frequency Omnidirectional Range
VORTAC—Very High Frequency Omnidirectional Range/Tactical Air Navigation
VOT—VOR Test Facility Signal
VPA—Vertical Path Angle
VREF—Reference Landing Speed
V/S—Vertical Speed
VSO—Stalling Speed or the Minimum Steady Flight Speed in the Landing Configuration

W

WAAS—Wide Area Augmentation System
WAC—World Aeronautical Chart
WAM—Wide Area Multi-lateration
WP—Waypoint

Z

ZFW—Fort Worth Air Route Traffic Control Center