

GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

The abbreviations used in this AIP and in the general dissemination of information are extracted from ICAO Doc 8400. Abbreviations which differ from the ICAO abbreviations are shown with an asterisk (*).

(+) - When radiotelephony is used, the abbreviations and terms are transmitted as spoken words

(++) - When radiotelephony is used, the abbreviations and terms are transmitted using the individual letters in non-phonetic form

(#) - Signal for use in the teletypewriter service only

A			
A	Amber	AFIS	Aerodrome flight information service
AAA	(or AAB, AAC...etc., in sequence)	AFM	Yes or affirm or affirmative or that is correct
	Amended meteorological message	AFS	Aeronautical fixed service
	(message type designator)	AFT	After... (time or place)
A/A	Air-to-air	AFTN	Aeronautical fixed telecommunication network(++)
AAD	Assigned altitude deviation	A/G	Air-to-ground
AAR	Air to air refuelling	AGA	Aerodromes, air routes and ground aids
AAIM	Aircraft autonomous integrity monitoring	AGL	Above ground level
AAE	Arresting Gear	AGN	Again
AAL	Above aerodrome level	AIC	Aeronautical information circular
AAR	Air-to-Air Refuelling	AIDC	Air traffic services interfacility data communications
ABC	Advance Booking Charter Flight	AIM	Aeronautical information management
ABI	Advance boundary information	AIM	ATFM Information Message
ABM	Abeam	AIP	Aeronautical Information Publication
ABN	Aerodrome beacon	AIRAC	Aeronautical Information Regulation And Control
ABT	About		
ABV	Above	AIREP	Air-report(+)
AC	Altostratus	AIRMET	Information concerning en-route weather phenomena which may affect the safety of low-level aircraft operations(+)
ACARS	(to be pronounced "AY-CARS") Aircraft communication addressing and Reporting system(+)	AIRPROX	Aircraft Proximity
ACAS	Airborne collision avoidance system	AIS	Aeronautical Information Services
ACC	Area control centre or area control(++)	ALA	Lighting area
ACCID	Notification of an aircraft accident	ALERFA	Alert phase(+)
ACFT	Aircraft	ALR	Alerting (message type designator)
ACK	Acknowledge	ALRS	Alerting service
ACL	Altimeter check location	ALS	Approach lighting system
ACN	Aircraft classification number	ALSF	Approach Lighting System with Sequence Flashing Lights
ACP	Acceptance (message type designator)		
ACPT	Accept or accepted	ALT	Altitude
ACT	Active or activated or activity	ALTN	Alternate or alternating (light alternates in colour)
AD	Aerodrome		
ADA	Advisory area	ALTN	Alternate (aerodrome)
ADC	Aerodrome chart	AMA	Area minimum altitude
ADDN	Addition or additional	AMC	Airspace Management Cell
ADEP	Airport of Departure	AMD	Amend or amended (used to indicate amended meteorological message; message type designator)
ADES	Airport of Destination		
ADEXP	ATS Data Exchange Presentation	AMDT	Amendment (AIP Amendment)
ADF	Automatic direction-finding equipment(++)	AMOS	Aerodrome Meteorological Observing System
ADIZ	(to be pronounced "AY-DIZ") Air defence identification zone(+)		
ADJ	Adjacent	AMS	Aeronautical mobile service
ADO	Aerodrome office (specify service)	AMSL	Above mean sea level
ADR	Advisory route	AMSS	Aeronautical mobile satellite service
ADS	The address (when this abbreviation is used to request a repetition, the question mark (IM) precedes the abbreviation, e.g. IMI ADS) (to be used in AFS as a procedure signal)	ANC	Aeronautical chart - 1:500 000 (followed by name/title)
ADS-B	Automatic dependent surveillance - broadcast(++)	ANCS	Aeronautical navigation chart - small scale (followed by name/title and scale)
ADS-C	Automatic dependent surveillance - contract(++)	ANM	ATFM Notification Message
ADSU	Automatic dependent surveillance unit	ANP	Air Navigation Plan
ADVS	Advisory service	ANS	Answer
ADZ	Advise	AO	Aircraft Operator
AES	Aircraft earth station	AOC	Aerodrome obstacle chart (followed by type and name/title)
AFIL	Flight plan filed in the air	AP	Airport
		APAPI	(to be pronounced "AY-PAPI") Abbreviated precision approach path indicator(+)
		APCH	Approach

APDC	Aircraft parking/docking chart (followed by name title)	AWY	Airway
APIS	Aircraft Parking and Information System	AZM	Azimuth
APN	Apron		
APP	Approach control office or approach control or approach control service		B
APR	April	B	Blue
APRX	Approximate or approximately	BA	Braking action
APSG	After passing	BAK	Type of Arresting Gear
APU	Auxiliary power unit	BARO-VNAV	Barometric vertical navigation (to be pronounced "BAA-RO-VEE-NAV")(+))
APV	Approach procedure with vertical guidance		Cloud base(+)
ARC	Area chart	BASE	Fog patches
ARFOR	Area forecast (in aeronautical meteorological code)	BCFG	Beacon (aeronautical ground light)
ARNG	Arrange	BCN	Broadcast
ARO	Air traffic services reporting office	BCST	Bird Control Unit
ARP	Aerodrome reference point	BCU	Boundary
ARP	Air-report (message type designator)	BDRY	Becoming
ARQ	Automatic error correction	BECMG	Before
ARR	Arrival (message type designator)	BFR	NOTAM Reporting Bird Hazard
ARR	Arrive or arrival	BIRDTAM	Broken
ARS	Special air-report (message type designator)	BKN	Blowing (followed by DU=dust, SA=sand or SN=snow)
ARSA	Areas Requiring Special Attention	BL	Building
ARST	Arresting (specify (part of) aircraft arresting equipment)	BLDG	Below clouds
ART	Article	BLO	Below...
AS	Altostratus	BLW	Bombing
ASAP	As soon as possible	BOMB	Mist
ASC	Ascend to or ascending to	BR	Short (used to indicate the type of approach desired or required)
ASDA	Accelerate-stop distance available	BRF	Bearing
ASE	Altimetry system error		Braking
ASHTAM	Special series of NOTAM notifying, by means of a specific format, change in activity of a volcano, a volcanic eruption and/or volcanic ash cloud that is of significance to aircraft operations	BRG	Basic Area Navigation
		BRKG	Commercial broadcasting station
ASPEEDG	Airspeed gain	B-RNAV	Between layers
ASPEEDL	Airspeed loss	BS	Between
ASPH	Asphalt	BTL	Binary universal form for the representation of meteorological data
AT	At (followed by time at which weather change is forecast to occur)	BTN	Beyond
		BUFR	
ATA	Actual time of arrival(++)	BYD	
ATC	Air traffic control (in general)(++)		C
ATCSMAC	Air traffic control surveillance minimum altitude chart (followed by name/title)	C	Centre (runway identification)
		C	Degrees Celsius (Centigrade)
ATD	Actual time of departure(++)	C	Charts
ATFM	Air traffic flow management	CA	Course to an altitude
ATIS	Automatic terminal information service(+)	CAA	Civil aviation authority or civil aviation administration
ATM	Air traffic management		Caribbean
ATM	Automatic Teller Machine	CAR	Computer Assisted Slot Allocation
ATN	Aeronautical telecommunication network	CASA	Category
ATP	At... (time or place)	CAT	Clear air turbulence
ATS	Air traffic services	CAT	(to be pronounced "KAV-OH-KAY") Visibility, cloud and present weather better than prescribed values or conditions(+)
ATTN	Attention	CAVOK	(to be pronounced "CEE BEE") Cumulonimbus(++)
AT-VASIS	(to be pronounced "AY-TEE-VASIS")(+))		Cloud Base Height
	Abbreviated T visual approach slope indicator system	CB	cirrocumulus
ATZ	Aerodrome traffic zone	CBH	(or CCB, CCC... etc., in sequence) Corrected meteorological messages
AUG	August	CC	Continuous climb operations
AUP	Airspace use Plan	CCA	Candela
AUTH	Authorized or authorization		Coordination (message type designator)
AUTO	Automatic	CCO	Continuous descent operations
AUW	All up weight	CD	Conditional Route
AUX	Auxiliary	CDN	Central Executive Unit
AVBL	Available or availability	CDO	Change frequency to...
AVG	Average	CDR	Course to a fix
AVGAS	Aviation gasoline(+)	CEU	
AWOS	Automated weather observation system	CF	
AWTA	Advise at what time able	CF	

CFM	Confirm or I confirm (to be used in AFS as a procedure signal)	CTN	Caution
CGL	Circling guidance light(s)	CTOT	Calculated Take-off Time
CH	Channel	CTR	Control zone
CH	This is a channel-continuity-check of transmission to permit comparison of your record of channel-sequence numbers of messages received on the channel (to be used in AFS as a procedure signal)(#)	CU	Cumulus
		CUF	Cumuliform
		CUST	Customs
		CVR	Cockpit voice recorder
		CW	Continuous wave
		CWY	Clearway
CHCK	Chocks		
CHEM	Chemical		
CHG	Modification (message type designator)		
CI	Cirrus		
CIDIN	Common ICAO data interchange network(+)	D	Downward (tendency in RVR during previous 10 minutes)
CIV	Civil	D	Danger area (followed by identification)
CK	Check	DA	Decision altitude
CL	Centre line	DAT	Data Link
CLA	Clear type of ice formation	D-ATIS	(to be pronounced "DEE-ATIS") Data link automatic terminal information service(+)
CLBR	Calibration		
CLD	Cloud	DCD	Double channel duplex
CLD	Clearance Delivery	DCKG	Docking
CLG	Calling	DCL	Clearance Delivery Service
CLIMB-OUT	Climb-out area	DCP	Datum crossing point
CLR	Clear(s) or cleared to... or clearance	DCPC	Direct controller-pilot communications
CLRD	Runway(s) cleared (used in METAR/SPECI)	DCS	Double channel simplex
		DCT	Direct (in relation to flight plan clearances and type of approach)
CLSD	Close or closed or closing		
CM	Centimetre	DE	From (used to precede the call sign of the calling station) (to be used in AFS as a procedure signal)
CMB	Climb to or climbing to		
CMPL	Completion or completed or complete	DEC	December
CNL	Cancel or cancelled	DEG	Degrees
CNL	Flight plan cancellation (message type designator)	DEP	Depart or departure
CNS	Communications, navigation and surveillance	DEP	Departure (message type designator)
		DEPO	Deposition
CODE	ICAO Aircraft Address in form alphanumeric of six hexadecimal characters	DER	Departure End of the Runway
COFA	Air Force Operational Command	DES	Descend to or descending to
COM	Communications	DEST	Destination
CONC	Concrete	DETRESFA	Distress phase(+)
COND	Condition	DEV	Deviation or deviating
CONS	Continuous	DF	Direction finding
CONST	Construction or constructed	DFDR	Digital flight data recorder
CONT	Continue(s) or continued	DFTI	Distance from touchdown indicator
COOR	Coordinate or coordination	DGS	Docking Guidance System
COORD	Coordinates	DH	Decision height
COP	Change-over point	DIF	Diffuse
COR	Correct or correction or corrected (used to indicate corrected meteorological message; message type designator)	DIST	Distance
		DIV	Divert or diverting
COT	At the coast	DLA	Delay or delayed
COV	Cover or covered or covering	DLA	Delay (message type designator)
CPDLC	Controller-pilot data link communications(++)	DLIC	Data link initiation capability
		DLY	Daily
CPL	Current flight plan (message type designator)	DME	Distance measuring equipment(++)
		DNG	Danger or dangerous
CR	Cross Sections	DOC	Document
CRAM	Conditional Route Availability Message	DOF	Date of Flight
CRC	Cyclic redundancy check	DOM	Domestic
CRC	Control and Reporting Centre	DP	Dew point temperature
CRM	Collision risk model	DPT	Depth
CRP	Compulsory reporting point	DR	Dead reckoning
CRZ	Cruise	DR	Low drifting (followed by DU=dust, SA=sand or SN=snow)
CS	Call sign		
CS	Cirrostratus	DRG	During
CSF	Communication Support Facility	DS	Duststorm
CTA	Control area	DSB	Double sideband
CTAM	Climb to and maintain	DTAM	Descend to and maintain
CTC	Contact	DTG	Date-time group
CTL	Control	DTHR	Displaced runway threshold
		DTRT	Deteriorate or deteriorating

D

DTW	Dual tandem wheels
DU	Dust
DUC	Dense upper cloud
DUPE	This is a duplicate message (to be used in AFS as a procedure signal)(#)
DUR	Duration
D-VOLMET	Data link VOLMET
DVOR	Doppler VOR
DVORTAC	DVOR and TACAN Combination
DW	Dual wheels
DZ	Drizzle

E

E	East or eastern longitude
eAIP	Electronic Aeronautical Information Publication
EAD	European AIS Database
EAT	Expected approach time
EB	Eastbound
EC	European Community
ECAC	European Civil Aviation Conference
EDA	Elevation differential area
EDTO	Extended diversion time operations
EEE	Error (to be used in AFS as a procedure signal)(#)
EET	Estimated elapsed time
EFC	Expect further clearance
EFIS	(to be pronounced "EE-FIS") Electronic flight instrument system(+)
EGNOS	(to be pronounced "EGG-NOS) European geostationary navigation overlay service(+)
EHF	Extremely high frequency (30 000 to 300 000 MHz)
EFIS	Electronic flight instrument system (to be pronounced "EE-FIS")(+)
ELBA	Emergency location beacon - aircraft(+)
ELEV	Elevation
ELR	Extra long range
ELT	Emergency locator transmitter
EM	Emission
EMBD	Embedded in a layer (to indicate cumulonimbus embedded in layers of other clouds)
EMERG	Emergency
EN	English
END	Stop-end (related to RVR)
ENE	East-north-east
ENG	Engine
ENR	En route
ENRC	Enroute chart (followed by name/title)
EOBT	Estimated off-block time
EPNdB	Effective perceived noise in decibels
EQPT	Equipment
ESE	East-south-east
EST	Estimate or estimated or estimation (message type designator)
ETA	Estimated time of arrival or estimating arrival(++)
ETD	Estimated time of departure or estimating departure
ETFMS	Enhanced Tactical Flow Management System
ETO	Estimated time over significant point
ETOT	Estimated Take-off Time
EU	European Union
EUR	European Region
EUR RODEX	European regional OPMET data exchange

EV	Every
EVS	Enhanced vision system
EXC	Except
EXCL	Excluded
EXER	Exercises or exercising or to exercise
EXP	Expect or expected or expecting
EXT	Extension
EXTD	Extend or extending or extended

F

F	Fixed
FA	Course from a fix to an altitude
FAC	Facilities
FAF	Final approach fix
FAL	Facilitation of international air transport
FAM	Flight Activation Monitoring
FANS	Future Air Navigation Systems
FAP	Final approach point
FAS	Final approach segment
FATO	Final approach and take-off area
FAX	Facsimile transmission
FBL	Light (used to indicate the intensity of weather phenomena, interference or static reports, e.g. FBL RA = light rain)
FC	Funnel cloud (tornado or water spout)
FCST	Forecast
FCT	Friction coefficient
FDPS	Flight data processing system
FEB	February
FEW	Few
FFS	Fire Fighting Service
FG	Fog
FIC	Flight information centre
FIR	Flight information region(++)
FIS	Flight information service
FISA	Automated flight information service
FL	Flight level
FLD	Field
FLG	Flashing
FLR	Flares
FLS	Flight Suspension Message
FLT	Flight
FLTCK	Flight check
FLUC	Fluctuating or fluctuation or fluctuated
FLW	Follow(s) or following
FLY	Fly or flying
FM	Modulated Frequency
FM	From
FM	From (followed by time weather change is forecast to begin)
FM	Course from a fix to manual termination (used in navigation database coding)
FMC	Flight management computer
FMD	Former NM Flow Management Division
FMP	Flow Management Position
FMS	Flight management system(++)
FMU	Flow management unit
FNA	Final approach
FPAP	Flight path alignment point
FPL	Flight plan
FPM	Feet per minute
FPR	Flight plan route
FR	Fuel remaining
FRA	Free route airspace(*)
FREQ	Frequency
FRI	Friday
FRNG	Firing
FRONT	Front (relating to weather)(+)

FROST	Frost (used in aerodrome warnings)(+)		H
FRQ	Frequent		
FSL	Full stop landing		
FSS	Flight service station	H	High pressure area or the centre of high pressure
FST	First		
ft	Feet (dimensional unit)	H	Hour
FTE	Flight technical error	H	Height
FTP	Fictitious threshold point	H...	Significant wave height (followed by figures in METAR/SPECI)
FTT	Flight technical tolerance		
FU	Smoke	H24	Continuous day and night service
FZ	Freezing	HA	Holding/racetrack to an altitude
FZDZ	Freezing drizzle	HAPI	Helicopter approach path indicator
FZFG	Freezing fog	HBN	Hazard beacon
FZRA	Freezing rain	HCH	Heliport crossing height
		HDF	High frequency direction-finding station
		HDG	Heading
		HEL	Helicopter
		HEMS	Hospital Emergency Medical Service
G	Green	HF	High frequency [3 000 to 30 000 kHz](++)
G	Variations from the mean wind speed (gusts) (followed by figures in METAR/SPECI and TAF)	HF	Holding/racetrack to a fix
		HGT	Height or height above
GA	General aviation	HIRO	High Intensity Runway Operation
GA	Go ahead, resume sending (to be used in AFS as a procedure signal)	HJ	Sunrise to sunset
G/A	Ground-to-air	HLDG	Holding
G/A/G	Ground-to-air and air-to-ground	HLP	Heliport
GAGAN	GPS and geostationary earth orbit augmented navigation(+)	HLS	Heliport landing site
		HM	Holding/racetrack to a manual termination
		HN	Sunset to sunrise
		HO	Service available to meet operational requirements
GAIN	Airspeed or headwind gain		
GAMET	Area forecast for low-level flights	HOL	Holiday
GARP	GBAS azimuth reference point	HOSP	Hospital aircraft
GBAS	(to be pronounced “GEE-BAS”) Ground-based augmentation system(+)	HPA	Hectopascal
		HQ	Headquarters
GAT	General Air Traffic	HR	Hours
GCA	Ground controlled approach system or ground controlled approach(++)	HS	Service available during hours of scheduled operations
GEN	General		
GEO	Geographic or true	HT	High Tension
GES	Ground earth station	HTA	Helicopter Training Area
GLD	Glider	HUD	Head-up display
GLONASS	(to be pronounced “GLO-NAS”) Global orbiting navigation satellite system(++)	HUM	Humanitarian
		HURCN	Hurricane
GLS	GBAS landing system (++)	HVDF	High and very high frequency direction-finding stations (at the same location)
GMC	Ground movement chart (followed by name/title)		
		HVY	Heavy
		HVY	Heavy (used to indicate the intensity of weather phenomena, e.g. HVY RA = heavy rain)
GND	Ground		
GNDCK	Ground check		
GNSS	Global navigation satellite system(++)	HX	No specific working hours
GOV	Government	HYR	Higher
GP	Glide path	HZ	Haze
GPA	Glide path angle	HZ	Hertz (cycle per second)
GPIP	Glide path intercept point		
GPS	Global positioning system(++)		
GPU	Ground power unit		
GPWS	Ground proximity warning system(++)		
GR	Hail	IAC	Instrument approach chart (followed by name/title)
GRASS	(to be pronounced “GRASS”) Ground-based regional augmentation system(+)		
		IAF	Initial approach fix
GRASS	Grass landing area	IAO	In and out of clouds
GRIB	Processed meteorological data in the form of grid point values expressed in binary form (in meteorological code)	IAP	Instrument approach procedure
		IAR	Intersection of air routes
		IAS	Indicated airspeed
GRVL	Gravel	IATA	International Air Transport Association
GS	Ground speed	IBN	Identification beacon
GS	Small hail and/or snow pellets	ICAO	International Civil Aviation Organization
GUND	Geoid undulation	ICD	Interface Control Document
		ICE	Icing
		ID	Identifier or identify
		IDENT	Identification(+)
		IF	Intermediate approach fix

IFF	Identification friend/foe	L	Locator
IFPS	Integrated Initial Flight Plan Processing System	L	Low pressure area or the centre of low pressure
IFPU	Integrated Initial Flight Plan Processing Unit	LAM	Logical acknowledgement (message type designator)
IFPZ	IFPS Zone	LAN	Inland
IFR	Instrument flight rules(++)	LAT	Latitude
IGA	International general aviation	LB	Pounds (Weight)
ILS	Instrument landing system(++)	LCA	Local or locally or location or located
IM	Inner marker	LCN	Load classification number
IMC	Instrument meteorological conditions(++)	LDA	Landing distance available
IMG	Immigration	LDAH	Landing distance available, helicopter
IMI	Interrogation sign (question mark) (to be used in AFS as a procedure signal)	LDG	Landing
IMPR	Improve or improving	LDI	Landing direction indicator
IMT	Immediate or immediately	LEN	Length
INA	Initial approach	LF	Low frequency (30 to 300 KHz)
INBD	Inbound	LGT	Light or lighting
INC	In cloud	LGTD	Lighted
INCERFA	Uncertainty phase(+)	LIH	Light intensity high
IND	Indicator	LIL	Light intensity low
INCORP	Incorporated	LIM	Light intensity medium
INFO	Information(+)	LINE	Line (used in SIGMET)
INOP	Inoperative	LM	Locator, middle
INP	If not possible	LMT	Local mean time
INPR	In progress	LNAV	Lateral navigation (to be pronounced "EL-NAV")(+))
INS	Inertial navigation system	LNG	Long (used to indicate the type of approach desired or required)
INSTL	Install or installed or installation	LO	Locator, outer
INSTR	Instrument	LOC	Localizer
INT	Intersection	LONG	Longitude
INTL	International	LORAN	LORAN (long range air navigation system)(+))
INTRG	Interrogator	LOSS	Airspeed or headwind loss
INTRP	Interrupt or interruption or interrupted	LPV	Localizer performance with vertical guidance
INTSF	Intensify or intensifying	LR	The last message received by me was... (to be used in AFS as a procedure signal)
INTST	Intensity	LRG	Long range
IR	Ice on runway	LS	Last message sent by me, was...or Last message was... (to be used in AFS as a procedure signal)
IRS	Inertial reference system	LTA	Lower control area
ISA	International standard atmosphere	LTD	Limited
ISB	Independent sideband	LTP	Landing threshold point
ISOL	Isolated	LV	Light and variable (relating to wind)
ITC	Inclusive Tour Charter Flight	LVE	Leave or leaving
	J	LVL	Level
JAA	Joint Aviation Authorities	LVP	Low Visibility Procedures
JAN	January	LVO	Low Visibility Operation
JET	Jet	LYR	Layer or layered
JTST	Jet stream		
JUL	July		
JUN	June		
	K		M
KG	Kilograms	M	Mach number (followed by figures)
KHZ	Kilohertz	M	Metres (preceded by figures)
KIAS	Knots indicated airspeed	M	Minimum value of runway visual range (followed by figures in METAR/SPECI)
KM	Kilometres	MAA	Maximum authorized altitude
KMH	Kilometres per hour	MAG	Magnetic
KPA	Kilopascal	MAHF	Missed approach holding fix
KT	Knots	MAINT	Maintenance
KW	Kilowatts	MALS	Medium Intensity Approach Lighting System
	L	MAP	Aeronautical maps and charts
L	Left (preceded by runway designation number to identify a parallel runway)	MAPT	Missed approach point
L	Litre	MAR	At sea
		MAR	March
		MATF	Missed approach turning fix

MATZ	Military aerodrome traffic zone			has been misrouted (to be used in AFS as a procedure signal)(#)
MAX	Maximum			Monopulse secondary surveillance radar
MAY	May	MSSR		Mountain
MBST	Microburst	MT		Maximum take-off mass
MCA	Minimum crossing altitude	MTOM		Maximum Take-off Weight
MCTA	Military control area	MTOW		Metric units
MCTR	Military control zone	MTU		Mountain waves
MCW	Modulated continuous wave	MTW		Medium and very high frequency direction-finding stations (at the same location)
MDA	Minimum descent altitude	MVDF		Meteorological watch office
MDF	Medium frequency direction-finding station	MWO		Mixed type of ice formation (white and clear)
MDH	Minimum descent height	MX		
MEA	Minimum en-route altitude			
MEDEVAC	Medical evacuation flight			
MEHT	Minimum eye height over threshold (for visual approach slope indicator systems)			
MET	Meteorological or meteorology(+)			
METAR	Aerodrome routine meteorological report (in meteorological code)(+)			
MET REPORT	Local routine meteorological report (in abbreviated plain language)	N		No distinct tendency (in RVR during previous 10 minutes)
MF	Medium frequency (300 to 3 000 khz)	N		North or northern latitude
MHA	Minimum holding altitude	NADP		Noise abatement departure procedure
MHDF	Medium and high frequency direction-finding stations (at the same location)	NASC		National AIS system centre(+)
MHVDF	Medium, high and very high frequency direction-finding stations (at the same location)	NAT		North Atlantic
		NATSPG		North Atlantic Systems Planning Group
		NAV		Navigation
		NAVAID		Navigation aid
		NB		Northbound
MHZ	Megahertz	NBFR		Not before
MID	Mid-point (related to RVR)	NC		No change
MIFG	Shallow fog	NCD		No cloud detected (used in automated METAR/SPECI)
MIL	Military			Non-directional radio beacon(++)
MIN	Minutes	NDB		No directional variations available (used in automated METAR/SPECI)
MIPS	Military Instrument Procedures	NDV		North-east
MIS	Miscellaneous	NE		North-eastbound
MIS	Missing... (transmission identification) (to be used in AFS as a procedure signal)	NEB		No or negative or permission not granted or that is not correct
MKR	Marker radio beacon	NEG		Night
MLS	Microwave landing system(++)			None or I have nothing to send to you(+)
MM	Middle marker	NGT		Network Manager
MNM	Minimum	NIL		Nautical miles
MNPS	Minimum navigation performance specifications	NM		Normal
		NML		No name, unnamed
MNT	Monitor or monitoring or monitored	NN		North-north-east
MNTN	Maintain	NNE		North-north-west
MOA	Military operating area	NNW		No (negative) (to be used in AFS as a procedure signal)
MOC	Minimum obstacle clearance (required)	NO		International NOTAM office
MOCA	Minimum obstacle clearance altitude	NOF		Non-standard
MOD	Moderate (used to indicate the intensity of weather phenomena, interference or staccato reports, e.g. MODRA=moderate rain)	NONSTD		No significant change (used in trend-type landing forecasts)(+)
MON	Above mountains	NOSIG		Notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations(+)
MON	Monday			Cancelling NOTAM
MOPS	Minimum operational performance standards(+)	NOTAM		New NOTAM
MOTNE	Meteorological Operational Telecommunications Network Europe			Replacing NOTAM
MOV	Move or moving or movement	NOV		November
MPH	Statute Miles per Hour	NOZ		Normal operating zone(++)
MPS	Metres per second	NPA		Non-precision approach
MRA	Minimum reception altitude	NR		Number
MRG	Medium range	NRH		No reply heard
MRP	ATS/MET reporting point	NS		Nimbostratus
MS	Minus	NS		Non-schedule
MSA	Minimum sector altitude	NSC		Nil significant cloud
MSAS	(to be pronounced "EM-SAS") Multi-functional transport satellite (MTSAT) satellite-based augmentation system(+)			
MSAW	Minimum Safe Altitude Warning			
MSG	Message			
MSL	Mean sea level			
MSR	Message... (transmission identification)			

NSE	Navigation system error		by name/title
NSW	Nil significant weather	PAX	Passenger(s)
NTL	National	PBC	Performance-based communication
NTZ	No transgression zone(++)	PBN	Performance-based navigation
NVO	Normal Visibility Operations	PBS	Performance-based surveillance
NW	North-west	PCD	Proceed or proceeding
NWB	North-westbound	PCL	Pilot-controlled lighting
NXT	Next	PCN	Pavement classification number
		PCT	Per cent
	O	PDC	Pre-departure clearance(++)
		PDG	Procedure design gradient
		PDUS	Primary Data User Station
OAC	Oceanic area control centre	PER	Performance
OAS	Obstacle assessment surface	PERM	Permanent
OBS	Observe or observed or observation	PIB	Pre-flight information bulletin
OBSC	Obscure or obscured or obscuring	PJE	Parachute jumping exercise
OBST	Obstacle	PL	Ice pellets
OCA	Obstacle clearance altitude	PLA	Practice low approach
OCA	Oceanic control area	PLVL	Present level
OCC	Occulting (light)	PN	Prior notice required
OCH	Obstacle clearance height	PNR	Point of no return
OCL	Obstacle clearance limit	PO	Dust/sand whirls (dust devils)
OCNL	Occasional or occasionally	POB	Persons on board
OCS	Obstacle clearance surface	POS	Position Report
OCT	October	POSS	Possible
OFZ	Obstacle free zone	PPI	Plan position indicator
OGN	Originate (to be used in AFS as a procedure signal)	PPR	Prior permission required
		PPSN	Present position
OHD	Overhead	PRFG	Aerodrome partially covered by fog
OIS	Obstacle identification surface	PRI	Primary
OK	We agree or It is correct (to be used in AFS as a procedure signal)	PRKG	Parking
		PROB	Probability(+)
OLDI	On-line data interchange(+)	PROC	Procedure
OM	Outer marker	PROP	Propeller
OPA	Opaque, white type of ice formation	PROV	Provisional
OPC	Control indicated is operational control	PRP	Point-in-space reference point
OPMET	Operational meteorological (information)(+)	PS	Plus
		PSG	Passing
OPN	Open or opening or opened	PSN	Position
OPR	Operator or operate or operative or operating or operational	PSP	Pierced steel plank
		PSR	Primary surveillance radar(++)
OPS	Operations(+)	PSYS	Pressure system(s)
OPSD	NM Operations Division	PT	Portuguese
O/R	On request	PTN	Procedure turn
ORD	Order	PTS	Polar track structure
OSV	Ocean station vessel	PWR	Power
OTLK	Outlook (used in SIGMET messages for volcanic ash and tropical cyclones)		
OTP	On top		Q
OTR	Other		
OTS	Organized track system	QDL	Do you intend to ask me for a series of bearings? or I intend to ask you for a series of bearings (to be used in radiotelegraphy as a Q Code)
OUBD	Outbound		
OVC	Overcast		
	P	QDM	Magnetic heading (zero wind)(++)
		QDR	Magnetic bearing
		QFE	Atmospheric pressure at aerodrome elevation (or at runway threshold)(++)
P	Prognostic upper air chart		
P	Maximum value of wind speed or runway visual range (followed by figures in METAR/SPECI and TAF)	QFU	Magnetic orientation of runway
		QGE	What is my distance to your station? or Your distance to my station is (distance figures and units) (to be used in radiotelegraphy as a Q Code)
P	Prohibited area (followed by identification)		
PA	Precision approach	QJH	Shall I run my test tape/a test sentence? or Run your test tape/a test sentence (to be used in AFS as a Q Code)
PALS	Precision approach lighting system (specify category)		
PANS	Procedures for air navigation services	QNH	Altimeter sub-scale setting to obtain elevation when on the ground(++)
PAPI	Precision approach path indicator(+)		
PAR	Precision approach radar(++)	QSP	Will you relay to... free of charge? or I will relay to... free of charge (to be used in AFS
PARL	Parallel		
PATC	Precision approach terrain chart (followed		

QTA	as a Q Code) Shall I cancel telegram number...? or Cancel telegram number... (to be used in AFS as a Q Code)	REDL	Runway edge light(s)
QTE	True bearing	REF	Reference to... or refer to...
QTF	Will you give me the position of my station according to the bearings taken by the D/F stations which you control? or The position of your station according to the bearings taken by the DIF stations that I control was... latitude... longitude (or other indication of position), class... at... hours (to be used in radiotelegraphy as a Q Code)	REG	Registration
QUAD	Quadrant	REJ	Rejected
QUJ	Will you indicate the TRUE track to reach you? or The TRUE track to reach me is... degrees at... hours (to be used in radiotelegraphy as a Q Code)	RENL	Runway end light(s)
		REP	Report or reporting or reporting point
		REQ	Request or requested
		REQ	Reclearance request
		RERTE	Re-route
		RESA	Runway end safety area
		RESPBY	Respond by (Time out to give a response)
		RET	Rapid exit taxiway
		RETEL	Rapid exit taxiway indicator lights
		RF	Constant radius arc to a fix
		RFF	Rescue and fire fighting
		RFFS	Rescue and fire fighting services
		RFP	Replacement flight plan (related to ATFM)
		RG	Range (lights)
		RHC	Right-hand circuit
		RIF	Reclearance in flight
		RIME	Rime (used in aerodrome warnings)(+)
		RL	Report leaving
		RLA	Relay to
		RLCE	Request level change en route
		RLLS	Runway lead-in lighting system
		RLNA	Request level not available
		RLS	Report Level or Speed
		RMK	Remark
		RNAV	(to be pronounced "AR-NAV") Area navigation(+)
		RNG	Radio range
		RNP	Required navigation performance(++)
		ROBEX	Regional OPMET bulletin exchange (scheme)(+)
		ROC	Rate of climb
		ROD	Rate of descent
		ROFOR	Route forecast (in aeronautical meteorological code)
		RON	Receiving only
		RPE	Reported Estimated
		RPDS	Reference path data selector
		RP	Recommended Practice
		RPI	Radar position indicator(++)
		RPL	Repetitive flight plan
		RPLC	Replace or replaced
		RPS	Radar position symbol
		RPT	Repeat or I repeat (to be used in AFS as a procedure signal)(+)
		RQ	Request (to be used in AFS as a procedure signal)
		RQMNTS	Requirements
		RQP	Request flight plan (message type designator)
		RQS	Request supplementary flight plan (message type designator)
		RR	Report reaching
		RRR	(or RRB, RRC... etc., in sequence) Delayed meteorological message (message type designator)
		RRP	Rerouting proposal message
		RSC	Rescue sub-centre
		RSCD	Runway surface condition
		RSP	Responder beacon
		RSP	Required surveillance performance (++)
		RSR	En-route surveillance radar
		RSS	Root sum square
		RTD	Delayed (used to indicate delayed meteorological message; message type designator)
		RTE	Route
		RTF	Radiotelephone

R

R	Right (Preceded by runway designation number to identify a parallel runway)
R	Rate of turn
R	Red
R	Restricted area (followed by identification)
R	Runway (followed by figures in METAR/SPECI)
R	Right (runway identification)
R	Received (acknowledgement of receipt) (to be used in AFS as a procedure signal)
R	Radial from VOR (followed by three figures)
RA	Rain
RA	Resolution advisory
RAC	Rules of the air and air traffic services
RAD	Route Availability Document
RADAR	Radio Detection and Ranging
RAFC	Regional area forecast centre
RAG	Ragged
RAG	Runway arresting gear
RALT	Route Alternative
RAI	Runway alignment indicator
RAIM	Receiver autonomous integrity monitoring(+)
RASC	Regional AIS system centre(+)
RASS	Remote altimeter setting source
RB	Rescue boat
RCA	Reach cruising altitude
RBK	Readback
RCA	Reach cruising altitude
RCC	Rescue coordination centre
RCF	Radiocommunication failure (message type designator)
RCH	Reach or reaching
RCL	Runway centre line
RCL	Oceanic clearance request
RCLL	Runway centre line light(s)
RCLR	Recleared
RCP	Required communication performance(++)
RDH	Reference datum height (for ILS)
RDL	Radial
RDO	Radio
RDOACT	Radioactive
RE	Recent (used to qualify weather phenomena, e.g. RERA = recent rain)
REA	Ready message
REC	Receive or receiver

RTG	Radiotelegraph	SHF	Super high frequency (3 000 to 30 000 MHz)
RTHL	Runway threshold light(s)	SI	International system of units.
RTN	Return or returned or returning	SID	Standard instrument departure(+)
RTODAH	Rejected take-off distance available, helicopter	SIF	Selective identification feature
RTS	Return to service	SIG	Significant
RTT	Radioteletypewriter	SIGMET	Information concerning en-route weather and other phenomena in the atmosphere that may affect the safety of aircraft operations(+)
RTZL	Runway touchdown zone light(s)		
RUT	Standard regional route transmitting frequencies	SIGWX	Significant weather
RV	Rescue vessel	SIMUL	Simultaneous or simultaneously
RVA	Radar vectoring area	SMA	Schedule movement advice
RVR	Runway visual range(++)	SIP	Slot improvement proposal message
RVSM	Reduced Vertical Separation Minimum [300 m (1000 ft) between FL290 and FL410] (++)	SITA	Société Internationale des Télécommunications Aeronautiques
RWY	Runway	SIWL	Single isolated wheel load
S		SKC	Sky clear
S	Seconds	SKED	Schedule or scheduled
S	South or southern latitude	SLC	Slot Cancellation Message
S	State of the sea (followed by figures in METAR/SPECI)	SLP	Speed limiting point
S	Surface Analysis (Current Chart)	SLW	Slow
S	Schedule	SMC	Surface movement control
SA	Sand	SMR	Surface movement radar
SALS	Simple approach lighting system	SN	Snow
SAM	Slot Allocation Message	SNOCLO	Aerodrome closed due to snow (used in METAR/SPECI)
SAN	Sanitary	SNOWTAM	Special series NOTAM notifying the presence or removal of hazardous conditions due to snow, ice, slush or standing water associated with snow, slush and ice on the movement area, by means of a specific format(+)
SAR	Search and rescue		
SARPs	Standards and Recommended Practices [ICAO]	SOC	Start of climb
SAT	Saturday	SPA	Slot improvement proposal acceptance message
SATCOM	Satellite communication(+)	SPECI	Aerodrome special meteorological report (in meteorological code)
SATVOICE	Satellite voice communication	SPECIAL	Local special meteorological report (in abbreviated plain language)(+)
SB	Southbound	SPI	Special position indicator
SBAS	(to be pronounced "ESS-BAS") Satellite-based augmentation system(+)	SPL	Supplementary flight plan (message type designator)
SC	Stratocumulus	SPOC	SAR point of contact
SCT	Scattered	SPOT	Spot wind(+)
SD	Standard deviation	SQ	Squall
SDBY	Stand by	SQK	SSR Assignment
SDF	Step down fix	SQL	Squall line
SE	South-east	SR	Sunrise
SEA	Sea (used in connection with sea-surface temperature and state of the sea)	SRA	Surveillance radar approach
SEB	South-eastbound	SRE	Surveillance radar element of precision approach radar system
SEC	Seconds		
SEC	Special event charter flight	SRG	Short range
SECN	Section	SRJ	Slot Improvement Proposal Rejection Message
SECT	Sector		
SEL	Selcal Code	SRM	Slot Revision Message
SELCAL	Selective calling system(+)	SRR	Search and rescue region
SEP	September	SRY	Secondary
SER	Service or servicing or served	SS	Sandstorm
SEV	Severe (used e.g. to qualify icing and turbulence reports)	SS	Sunset
SFC	Surface	SSB	Single sideband
SG	Snow grains	SSE	South-south-east
SGL	Signal	SSR	Secondary surveillance radar(++)
SH	Shower (followed by RA = rain, SN = snow, PL = ice pellets, GR = hail, GS = small hail and/or snow pellets or combinations thereof e.g. SHRASN= showers of rain and snow)	SST	Supersonic transport
		SSW	South-south-west
		ST	Stratus
		STA	Straight-in approach
		STAR	Standard instrument arrival(+)
		STD	Standard
		STF	Stratiform
		STN	Station

STNR	Stationary	TNA	Turn altitude
STOL	Short take-off and landing	TNH	Turn height
STS	Status	TO	To... (followed by place)
STWL	Stopway light(s)	TOC	Top of climb
SUBJ	Subject to	TOBT	Target of block time
SUN	Sunday	TODA	Take-off distance available
SUP	Supplement (AIP Supplement)	TODAH	Take-off distance available helicopter
SUPPS	Regional supplementary procedures	TOP	Cloud top(+)
SVC	Service (message type only)	TORA	Take-off run available
SVCBL	Serviceable	TOX	Toxic
SW	South-west	TP	Turning point
SWB	South-westbound	TR	Track
SWH	Significant weather high chart	TRA	Temporary reserved airspace
SWM	Significant weather medium chart	TRANS	Transmits or transmitter
SWY	Stopway	TREND	Trend forecast(+)
		TRG	Training
		TRL	Transition level
		TROP	Tropopause
		TS	Thunderstorm (in aerodrome reports and forecasts, TS used alone means thunder heard but no precipitation at the aerodrome)
T	Temperature		
T	True (preceded by a bearing to indicate reference to True North)	TS	Thunderstorm (followed by RA=RAIN, SN=snow, PL=ice pellets, GR=hail, GS=small hail and/or snow pellets or combinations thereof e.g. TSRASN=thunderstorm with rain and snow)
T	Telephone		
T-VASIS	T Visual Approach Slope Indicator System	TSA	Temporary Segregated Area(+)
TA	Transition altitude	TSUNAMI	Tsunami (used in aerodrome warnings)
TA	Traffic advisory	TT	Teletypewriter
TAA	Terminal arrival altitude	TUE	Tuesday
TA/H	Turn at an altitude/height	TURB	Turbulence
TACAN	UHF tactical air navigation aid(+)	TVOR	Terminal VOR
TACT	NM Tactical	TWR	Aerodrome control tower or aerodrome control
TAF	Aerodrome forecast (in meteorological code)(+)		
		TWY	Taxiway
TAIL	Tail wind(+)	TX	Maximum temperature (followed by figures in TAF)
TAR	Terminal area surveillance radar	TXL	Taxilane
TAS	True airspeed	TXT	Text (when the abbreviation is used to request a repetition, the question mark (IMI) Precedes the abbreviation, eg. IMI TXT) (to be used in AFS as a procedure signal)
TAX	Taxiing or taxi		
TBN	To be notified	TYP	Type of aircraft
TC	Tropical cyclone	TYPH	Typhoon
TCAC	Tropical cyclone advisory centre		
TCAS RA	Traffic alert and collision avoidance system resolution advisory (to be pronounced "TEE-CAS-AR-AY")(+))		
TCH	Threshold crossing height		
TCP	Transfer Control Point		
TCU	Towering cumulus		
TDO	Tornado		
TDZ	Touchdown zone		
TDZE	Touchdown zone elevation		
TECR	Technical reason		
TEL	Telephone		
TEMPO	Temporary or temporarily(+)	U	Upward (tendency in RVR during previous 10 minutes)
TEND	Trend forecast(+)		
TER	Terrain	UA	Unmanned aircraft
TERPS	Terminal procedures	U/S	Unserviceable
TF	Track to fix	UAB	Until advised by...
TFC	Traffic	UAC	Upper area control centre
TGL	Touch-and-go landing	UAR	Upper air route
TGS	Taxiing guidance system	UAS	Unmanned aircraft system
THR	Threshold	UDF	Ultra high frequency direction-finding station
THRU	Through		
THU	Thursday	UFN	Until further notice
TIBA	Traffic information broadcast by aircraft(+)	UHDT	Unable higher due traffic
TIL	Until(+)	UHF	Ultra high frequency [300 to 3 000 MHz] (++)
TIP	Until past... (followed by place)		
TL	Till (followed by time by which weather change is forecast to end)	UIC	Upper information centre
		UIR	Upper flight information region(++)
TKOF	Take-off	ULM	Ultra Light motorized Aircraft
TLOF	Touchdown and lift-off area	ULR	Ultra long range
TMA	Terminal control area(++)	UNA	Unable
TN	Minimum temperature (followed by figures	UNAP	Unable to approve

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