

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	Altocumulus	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	Alighting 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	ALTN	Alternate (aerodrome)
ADA	Advisory area	AMA	Area minimum altitude
ADC	Aerodrome chart	AMC	Airspace Management Cell
ADDN	Addition or additional	AMD	Amend or amended (used to indicate amended meteorological message; message type designator)
ADEP	Airport of Departure		
ADES	Airport of Destination	AMDT	Amendment (AIP Amendment)
ADEXP	ATS Data Exchange Presentation	AMOS	Aerodrome Meteorological Observing System
ADF	Automatic direction-finding equipment(++)		
ADIZ	(to be pronounced "AY-DIZ") Air defence identification zone(+)	AMS	Aeronautical mobile service
ADJ	Adjacent	AMSL	Above mean sea level
ADO	Aerodrome office (specify service)	AMSS	Aeronautical mobile satellite service
ADR	Advisory route	ANC	Aeronautical chart - 1:500 000 (followed by name/title)
ADS	The address (when this abbreviation is used to request a repetition, the question mark (IML) precedes the abbreviation, e.g. IML ADS) (to be used in AFS as a procedure signal)	ANCS	Aeronautical navigation chart - small scale (followed by name/title and scale)
ADS-B	Automatic dependent surveillance - broadcast(++)	ANM	ATFM Notification Message
ADS-C	Automatic dependent surveillance - contract(++)	ANP	Air Navigation Plan
ADSU	Automatic dependent surveillance unit	ANS	Answer
ADVS	Advisory service	AO	Aircraft Operator
ADZ	Advise	AOC	Aerodrome obstacle chart (followed by type and name/title)
AES	Aircraft earth station	AP	Airport
AFIL	Flight plan filed in the air	APAPI	(to be pronounced "AY-PAPI") Abbreviated precision approach path indicator(+)
		APCH	Approach

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

CEU	Central Executive Unit	CTA	Control area
CF	Change frequency to...	CTAM	Climb to and maintain
CF	Course to a fix	CTC	Contact
CFM	Confirm or I confirm (to be used in AFS as a procedure signal)	CTL	Control
		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
CHCK	Chocks	CVR	Cockpit voice recorder
CHEM	Chemical	CW	Continuous wave
CHG	Modification (message type designator)	CWY	Clearway
CI	Cirrus		
CIDIN	Common ICAO data interchange network(+)		
CIV	Civil	D	Downward (tendency in RVR during previous 10 minutes)
CK	Check	D	Danger area (followed by identification)
CL	Centre line	DA	Decision altitude
CLA	Clear type of ice formation	DAT	Data Link
CLBR	Calibration	D-ATIS	(to be pronounced "DEE-ATIS") Data link automatic terminal information service(+)
CLD	Cloud		
CLD	Clearance Delivery	DCD	Double channel duplex
CLG	Calling	DCKG	Docking
CLIMB-OUT	Climb-out area	DCL	Clearance Delivery Service
CLR	Clear(s) or cleared to... or clearance	DCP	Datum crossing point
CLRD	Runway(s) cleared (used in METAR/ SPECI)	DCPC	Direct controller-pilot communications
		DCS	Double channel simplex
CLSD	Close or closed or closing	DCT	Direct (in relation to flight plan clearances and type of approach)
CM	Centimetre		
CMB	Climb to or climbing to	DE	From (used to precede the call sign of the calling station) (to be used in AFS as a procedure signal)
CMPL	Completion or completed or complete		
CNL	Cancel or cancelled	DEC	December
CNL	Flight plan cancellation (message type designator)	DEG	Degrees
CNS	Communications, navigation and surveillance	DEP	Depart or departure
		DEP	Departure (message type designator)
CODE	ICAO Aircraft Address in form alphanumeric of six hexadecimal characters	DEPO	Deposition
COFA	Air Force Operational Command	DER	Departure End of the Runway
COM	Communications	DES	Descend to or descending to
CONC	Concrete	DEST	Destination
COND	Condition	DETRESFA	Distress phase(+)
CONS	Continuous	DEV	Deviation or deviating
CONST	Construction or constructed	DF	Direction finding
CONT	Continue(s) or continued	DFDR	Digital flight data recorder
COOR	Coordinate or coordination	DFTI	Distance from touchdown indicator
COORD	Coordinates	DGS	Docking Guidance System
COP	Change-over point	DH	Decision height
COR	Correct or correction or corrected (used to indicate corrected meteorological message; message type designator)	DIF	Diffuse
		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
		DR	Low drifting (followed by DU=dust, SA=sand or SN=snow)
CRZ	Cruise		
CS	Call sign	DRG	During
CS	Cirrostratus	DS	Duststorm
CSF	Communication Support Facility	DSB	Double sideband

DTAM Descend to and maintain
DTG Date-time group
DTHR Displaced runway threshold
DTRT Deteriorate or deteriorating
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	GS	Small hail and/or snow pellets
FRI	Friday	GUND	Geoid undulation
FRNG	Firing		
FRONT	Front (relating to weather)(+)		H
FROST	Frost (used in aerodrome warnings)(+)		
FRQ	Frequent		
FSL	Full stop landing	H	High pressure area or the centre of high pressure
FSS	Flight service station		
FST	First	H	Hour
FT	Feet (dimensional unit)	H	Height
FTE	Flight technical error	H...	Significant wave height (followed by figures in METAR/SPECI)
FTP	Fictitious threshold point		
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
		HLDG	Holding
G/A	Ground-to-air	HLP	Heliport
G/A/G	Ground-to-air and air-to-ground	HLS	Heliport landing site
GAGAN	GPS and geostationary earth orbit augmented navigation(+)	HM	Holding/racetrack to a manual termination
		HN	Sunset to sunrise
GAIN	Airspeed or headwind gain	HO	Service available to meet operational requirements
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	HT	High Tension
GEO	Geographic or true	HTA	Helicopter Training Area
GES	Ground earth station	HUD	Head-up display
GLD	Glider	HUM	Humanitarian
GLONASS	(to be pronounced "GLO-NAS") Global orbiting navigation satellite system(++)	HURCN	Hurricane
		HVDF	High and very high frequency direction-finding stations (at the same location)
GLS	GBAS landing system (++)		
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
		IAO	In and out of clouds
GRASS	Grass landing area	IAP	Instrument approach procedure
GRIB	Processed meteorological data in the form of grid point values expressed in binary form (in meteorological code)	IAR	Intersection of air routes
		IAS	Indicated airspeed
GRVL	Gravel	IATA	International Air Transport Association
GS	Ground speed	IBN	Identification beacon
		ICAO	International Civil Aviation Organization

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MALS	Medium Intensity Approach Lighting System	MSA	Minimum sector altitude
MAP	Aeronautical maps and charts	MSAS	(to be pronounced "EM-SAS") Multi-functional transport satellite (MTSAT) satellite-based augmentation system(+)
MAPT	Missed approach point		
MAR	At sea	MSAW	Minimum Safe Altitude Warning
MAR	March	MSG	Message
MATF	Missed approach turning fix	MSL	Mean sea level
MATZ	Military aerodrome traffic zone	MSR	Message... (transmission identification) has been misrouted (to be used in AFS as a procedure signal)(#)
MAX	Maximum		
MAY	May		
MBST	Microburst	MSSR	Monopulse secondary surveillance radar
MCA	Minimum crossing altitude	MT	Mountain
MCTA	Military control area	MTOM	Maximum take-off mass
MCTR	Military control zone	MTOW	Maximum Take-off Weight
MCW	Modulated continuous wave	MTU	Metric units
MDA	Minimum descent altitude	MTW	Mountain waves
MDF	Medium frequency direction-finding station	MVDF	Medium and very high frequency direction-finding stations (at the same location)
MDH	Minimum descent height		
MEA	Minimum en-route altitude	MWO	Meteorological watch office
MEDEVAC	Medical evacuation flight	MX	Mixed type of ice formation (white and clear)
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
MHZ	Megahertz	NB	Northbound
MID	Mid-point (related to RVR)	NBFR	Not before
MIFG	Shallow fog	NC	No change
MIL	Military	NCD	No cloud detected (used in automated METAR/SPECI)
MIN	Minutes	NDB	Non-directional radio beacon(++)
MIPS	Military Instrument Procedures	NDV	No directional variations available (used in automated METAR/SPECI)
MIS	Miscellaneous		
MIS	Missing... (transmission identification) (to be used in AFS as a procedure signal)	NE	North-east
MKR	Marker radio beacon	NEB	North-eastbound
MLS	Microwave landing system(++)	NEG	No or negative or permission not granted or that is not correct
MM	Middle marker		
MNM	Minimum	NGT	Night
MNPS	Minimum navigation performance specifications	NIL	None or I have nothing to send to you(+)
MNT	Monitor or monitoring or monitored	NM	Network Manager
MNTN	Maintain	NM	Nautical miles
MOA	Military operating area	NML	Normal
MOC	Minimum obstacle clearance (required)	NN	No name, unnamed
MOCA	Minimum obstacle clearance altitude	NNE	North-north-east
MOD	Moderate (used to indicate the intensity of weather phenomena, interference or static reports, e.g. MODRA=moderate rain)	NNW	North-north-west
		NO	No (negative) (to be used in AFS as a procedure signal)
MON	Above mountains	NOF	International NOTAM office
MON	Monday	NONSTD	Non-standard
MOPS	Minimum operational performance standards(+)	NOSIG	No significant change (used in trend-type landing forecasts)(+)
MOTNE	Meteorological Operational Telecommunications Network Europe	NOTAM	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(+)
MOV	Move or moving or movement		
MPH	Statute Miles per Hour		
MPS	Metres per second		
MRA	Minimum reception altitude		
MRG	Medium range		
MRP	ATS/MET reporting point	NOTAMC	Cancelling NOTAM
MS	Minus	NOTAMN	New NOTAM

NOTAMR Replacing NOTAM
NOV November
NOZ Normal operating zone(++)
NPA Non-precision approach
NR Number
NRH No reply heard
NS Nimbostratus
NS Non-schedule
NSC Nil significant cloud
NSE Navigation system error
NSW Nil significant weather
NTL National
NTZ No transgression zone(++)
NVO Normal Visibility Operations
NW North-west
NWB North-westbound
NXT Next

O

OAC Oceanic area control centre
OAS Obstacle assessment surface
OBS Observe or observed or observation
OBSC Obscure or obscured or obscuring
OBST Obstacle
OCA Obstacle clearance altitude
OCA Oceanic control area
OCC Occulting (light)
OCH Obstacle clearance height
OCL Obstacle clearance limit
OCNL Occasional or occasionally
OCS Obstacle clearance surface
OCT October
OFZ Obstacle free zone
OGN Originate (to be used in AFS as a procedure signal)
OHD Overhead
OIS Obstacle identification surface
OK We agree or It is correct (to be used in AFS as a procedure signal)
OLDI On-line data interchange(+)
OM Outer marker
OPA Opaque, white type of ice formation
OPC Control indicated is operational control
OPMET Operational meteorological (information)(+)
OPN Open or opening or opened
OPR Operator or operate or operative or operating or operational
OPS Operations(+)
OPSD NM Operations Division
O/R On request
ORD Order
OSV Ocean station vessel
OTLK Outlook (used in SIGMET messages for volcanic ash and tropical cyclones)
OTP On top
OTR Other
OTS Organized track system
OUBD Outbound
OVC Overcast

P

P Prognostic upper air chart
P Maximum value of wind speed or runway visual range (followed by figures in METAR/SPECI and TAF)

P Prohibited area (followed by identification)
PA Precision approach
PALS Precision approach lighting system (specify category)
PANS Procedures for air navigation services
PAPI Precision approach path indicator(+)
PAR Precision approach radar(++)
PARL Parallel
PATC Precision approach terrain chart (followed by name/title)
PAX Passenger(s)
PBC Performance-based communication
PBN Performance-based navigation
PBS Performance-based surveillance
PCD Proceed or proceeding
PCL Pilot-controlled lighting
PCN Pavement classification number
PCT Per cent
PDC Pre-departure clearance(++)
PDG Procedure design gradient
PDUS Primary Data User Station
PER Performance
PERM Permanent
PIB Pre-flight information bulletin
PJE Parachute jumping exercise
PL Ice pellets
PLA Practice low approach
PLVL Present level
PN Prior notice required
PNR Point of no return
PO Dust/sand whirls (dust devils)
POB Persons on board
POS Position Report
POSS Possible
PPI Plan position indicator
PPR Prior permission required
PPSN Present position
PRFG Aerodrome partially covered by fog
PRI Primary
PRKG Parking
PROB Probability(+)
PROC Procedure
PROP Propeller
PROV Provisional
PRP Point-in-space reference point
PS Plus
PSG Passing
PSN Position
PSP Pierced steel plank
PSR Primary surveillance radar(++)
PSYS Pressure system(s)
PT Portuguese
PTN Procedure turn
PTS Polar track structure
PWR Power

Q

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)
QDM Magnetic heading (zero wind)(++)
QDR Magnetic bearing
QFE Atmospheric pressure at aerodrome elevation (or at runway threshold)(++)
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)	RCP	Required communication performance(++)
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)	RDH	Reference datum height (for ILS)
QNH	Altimeter sub-scale setting to obtain elevation when on the ground(++)	RDL	Radial
QSP	Will you relay to... free of charge? or I will relay to... free of charge (to be used in AFS as a Q Code)	RDO	Radio
QTA	Shall I cancel telegram number...? or Cancel telegram number... (to be used in AFS as a Q Code)	RDOACT	Radioactive
QTE	True bearing	RE	Recent (used to qualify weather phenomena, e.g. RERA = recent rain)
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)	REA	Ready message
QUAD	Quadrant	REC	Receive or receiver
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)	REDL	Runway edge light(s)
R		REF	Reference to... or refer to...
R	Right (Preceded by runway designation number to identify a parallel runway)	REG	Registration
R	Rate of turn	REJ	Rejected
R	Red	RENL	Runway end light(s)
R	Restricted area (followed by identification)	REP	Report or reporting or reporting point
R	Runway (followed by figures in METAR/SPECI)	REQ	Request or requested
R	Right (runway identification)	REQ	Reclearance request
R	Received (acknowledgement of receipt) (to be used in AFS as a procedure signal)	RERTE	Re-route
R	Radial from VOR (followed by three figures)	RESA	Runway end safety area
RA	Rain	RESPBY	Respond by (Time out to give a response)
RA	Resolution advisory	RET	Rapid exit taxiway
RAC	Rules of the air and air traffic services	RETIL	Rapid exit taxiway indicator lights
RAD	Route Availability Document	RF	Constant radius arc to a fix
RADAR	Radio Detection and Ranging	RFF	Rescue and fire fighting
RAFC	Regional area forecast centre	RFFS	Rescue and fire fighting services
RAG	Ragged	RFP	Replacement flight plan (related to ATFM)
RAG	Runway arresting gear	RG	Range (lights)
RALT	Route Alternative	RHC	Right-hand circuit
RAI	Runway alignment indicator	RIF	Reclearance in flight
RAIM	Receiver autonomous integrity monitoring(+)	RIME	Rime (used in aerodrome warnings)(+)
RASC	Regional AIS system centre(+)	RL	Report leaving
RASS	Remote altimeter setting source	RLA	Relay to
RB	Rescue boat	RLCE	Request level change en route
RCA	Reach cruising altitude	RLLS	Runway lead-in lighting system
RBK	Readback	RLNA	Request level not available
RCA	Reach cruising altitude	RLS	Report Level or Speed
RCC	Rescue coordination centre	RMK	Remark
RCF	Radiocommunication failure (message type designator)	RNAV	(to be pronounced "AR-NAV") Area navigation(+)
RCH	Reach or reaching	RNG	Radio range
RCL	Runway centre line	RNP	Required navigation performance(++)
RCL	Oceanic clearance request	ROBEX	Regional OPMET bulletin exchange (scheme)(+)
RCLL	Runway centre line light(s)	ROC	Rate of climb
RCLR	Recleared	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
		RRA	(or RRB, RRC... etc., in sequence) Delayed meteorological message (message type designator)
		RRP	Rerouting proposal message

RSC	Rescue sub-centre	SFC	Surface
RSCD	Runway surface condition	SG	Snow grains
RSP	Responder beacon	SGL	Signal
RSP	Required surveillance performance (++)	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)
RSR	En-route surveillance radar		Super high frequency (3 000 to 30 000 MHz)
RSS	Root sum square		International system of units.
RTD	Delayed (used to indicate delayed meteor- ological message; message type designa- tor)	SHF	Standard instrument departure(+)
RTE	Route	SI	Selective identification feature
RTF	Radiotelephone	SID	Significant
RTG	Radiotelegraph	SIF	Information concerning en-route weather and other phenomena in the atmosphere that may affect the safety of aircraft opera- tions(+)
RTHL	Runway threshold light(s)	SIG	Significant weather
RTN	Return or returned or returning	SIGMET	Simultaneous or simultaneously
RTODAH	Rejected take-off distance available, heli- copter		Schedule movement advice
RTS	Return to service		Slot improvement proposal message
RTT	Radioteletypewriter		Société Internationale des Telecommuni- cations Aeronautiques
RTZL	Runway touchdown zone light(s)		Single isolated wheel load
RUT	Standard regional route transmitting fre- quencies		Sky clear
RV	Rescue vessel	SIGWX	Schedule or scheduled
RVA	Radar vectoring area	SIMUL	Slot Cancellation Message
RVR	Runway visual range(++)	SMA	Speed limiting point
RVSM	Reduced Vertical Separation Minimum [300 m (1000 ft) between FL290 and FL410] (++)	SIP	Slow
		SITA	Surface movement control
RWY	Runway		Surface movement radar
		SIWL	Snow
		SKC	Aerodrome closed due to snow (used in METAR/SPECI)
		SKED	Special series NOTAM notifying the pres- ence 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(+)
		SLC	Start of climb
		SLP	Slot improvement proposal acceptance message
		SLW	Aerodrome special meteorological report (in meteorological code)
		SMC	Local special meteorological report (in ab- breviated plain language)(+)
		SMR	Special position indicator
		SN	Supplementary flight plan (message type designator)
		SNOCLO	SAR point of contact
			Spot wind(+)
			Squall
			SSR Assignment
			Squall line
			Sunrise
			Surveillance radar approach
			Surveillance radar element of precision approach radar system
			Short range
			Slot Improvement Proposal Rejection Message
			Slot Revision Message
			Search and rescue region
			Secondary
			Sandstorm

S

S	Seconds
S	South or southern latitude
S	State of the sea (followed by figures in ME- TAR/SPECI)
S	Surface Analysis (Current Chart)
S	Schedule
SA	Sand
SALS	Simple approach lighting system
SAM	Slot Allocation Message
SAN	Sanitary
SAR	Search and rescue
SARPs	Standards and Recommended Practices [ICAO]
SAT	Saturday
SATCOM	Satellite communication(+)
SATVOICE	Satellite voice communication
SB	Southbound
SBAS	(to be pronounced "ESS-BAS") Satellite- based augmentation system(+)
SC	Stratocumulus
SCT	Scattered
SD	Standard deviation
SDBY	Stand by
SDF	Step down fix
SE	South-east
SEA	Sea (used in connection with sea-surface temperature and state of the sea)
SEB	South-eastbound
SEC	Seconds
SEC	Special event charter flight
SECN	Section
SECT	Sector
SEL	Selcal Code
SELCAL	Selective calling system(+)
SEP	September
SER	Service or servicing or served
SEV	Severe (used e.g. to qualify icing and tur- bulence reports)

SOC	Start of climb
SPA	Slot improvement proposal acceptance message
SPECI	Aerodrome special meteorological report (in meteorological code)
SPECIAL	Local special meteorological report (in ab- breviated plain language)(+)
SPI	Special position indicator
SPL	Supplementary flight plan (message type designator)
SPOC	SAR point of contact
SPOT	Spot wind(+)
SQ	Squall
SQK	SSR Assignment
SQL	Squall line
SR	Sunrise
SRA	Surveillance radar approach
SRE	Surveillance radar element of precision approach radar system
SRG	Short range
SRJ	Slot Improvement Proposal Rejection Message
SRM	Slot Revision Message
SRR	Search and rescue region
SRY	Secondary
SS	Sandstorm

UDF	Ultra high frequency direction-finding station
UFN	Until further notice
UHDT	Unable higher due traffic
UHF	Ultra high frequency [300 to 3 000 MHz] (++)
UIC	Upper information centre
UIR	Upper flight information region(++)
ULM	Ultra Light motorized Aircraft
ULR	Ultra long range
UNA	Unable
UNAP	Unable to approve
UNL	Unlimited
UNREL	Unreliable
UP	Unidentified precipitation (used in automated METAR/SPECI)
UTA	Upper control area
UTC	Coordinated Universal Time(++)
UTCW	Coordinated Universal Time - Winter

V

V	Variations from the mean wind direction (preceded and followed by figures in METAR/SPECI, e.g. 350V070)
VA	Volcanic ash
VA	Heading to an altitude
VAAC	Volcanic ash advisory centre
VAC	Visual approach chart (followed by name/title)
VAL	In valleys
VAN	Runway control van
VAR	Magnetic variation
VAR	Visual-aural radio range
VASIS	Visual approach slope indicator systems
VAT	Value-added tax
VC	Vicinity of the aerodrome (followed by FG=fog, FC=funnelcloud, SH=shower, PO=dust/sand whirls, BLDU=blowing dust, BLSA=blowing sand, BLSN = blowing snow, DS = duststorm or SS = sandstorm, e. g. VCFG = vicinity fog)
VCY	Vicinity
VDF	Very high frequency direction-finding station
VDP	Visual descend point
VER	Vertical
VET	Veterinary
VFR	Visual flight rules (++)
VHF	Very high frequency (30 to 300 MHz)(++)
VI	Heading to an intercept
VIP	Very important person(++)
VIS	Visibility
VLF	Very low frequency [3 to 30 KHz]
VLR	Very long range
VM	Heading to a manual termination
VMC	Visual meteorological conditions(++)
VNAV	Vertical navigation (to be pronounced VEE-NAV)(++)
VOL...	Volume (followed by I, II...)
VOLMET	Meteorological information for aircraft in flight(+)
VOR	VHF omnidirectional radio range(++)
VORTAC	VOR and TACAN combination(++)
VOT	VOR airborne equipment test facility
VPA	Vertical path angle
VPT	Visual manoeuvre with prescribed track
VRB	Variable
VSA	By visual reference to the ground

VSP	Vertical speed
VTF	Vector to final
VTOL	Vertical take-off and landing
VV	Vertical visibility (followed by figures in METAR/SPECI and TAF)

W

W	West or western longitude
W	White
W	Width or wide
W	Significant Weather Chart
W	Sea-surface temperature (followed by figures in METAR/SPECI)
WAAS	Wide area augmentation system(+)
WAC	World Aeronautical Chart - ICAO 1: 1 000 000 (followed by name/title)
WAF	World area forecast centre
WB	Westbound
WBAR	Wing bar lights
WDI	Wind direction indicator
WDSR	Widespread
WED	Wednesday
WEF	With effect from or effective from
WGS-84	World Geodetic System - 1984
WI	Within
WID	Width or wide
WIE	With immediate effect or effective immediately
WILCO	Will comply(+)
WIND	Wind
WINT	Forecast upper wind and temperature for aviation
WIP	Work in progress
WKN	Weaken or weakening
WNW	West-north-west
WO	Without
WPT	Way-point
WRNG	Warning
WS	Wind shear
WSPD	Wind speed
WSW	West-south-west
WT	Weight
WTSPT	Waterspout
WWW	Worldwide web
WX	Weather
WXR	Weather radar

X

X	Cross
XBAR	Crossbar (of approach lighting system)
XNG	Crossing
XS	Atmospherics

Y

Y	Yellow
YCZ	Yellow caution zone (runway lighting)
YES	Yes (affirmative) (to be used in AFS as a procedure signal)
YR	Your

Z

Z	Coordinated Universal Time (in meteorological messages)
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