

GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

Abbreviations marked with an asterisk () are either different from or are not contained in ICAO Doc 8400.

A

A	Amber	AFM	Yes or affirm or affirmative or that is correct
AAA	Amended meteorological message	*AFRS	Aerodrome fire and rescue services
AAIM	Aircraft autonomous integrity monitoring	AFS	Aeronautical fixed service
AAD	Assigned altitude deviation	AFT	After. (time or place)
AAL	Above aerodrome level	AFTN	Aeronautical fixed telecommunication network
A/A	Air to air	A/G	Air-to-ground
ABI	Advance boundry information	AGA	Aerodromes, air routes and ground aids
ABM	Abeam	AGL	Above ground level
ABN	Aerodrome beacon	AGN	Again
ABT	About	AIC	Aeronautical information circular
ABV	Above	AIDC	Air traffic services inter-facility data communication
AC	Altocumulus	AIP	Aeronautical information publication
ACARS	Aircraft communication addressing and reporting system	AIRAC	Aeronautical information regulation and control
ACAS	Airborne collision avoidance system	AIREP	Air-report
ACC	Area control centre or area control	AIRMET	Information concerning en-route weather phenomena which may affect the safety of low-level aircraft operations
ACCID	Notification of an aircraft accident	AIS	Aeronautical information services
ACFT	Aircraft	ALA	Alighting area
ACK	Acknowledge	ALERFA	Alert phase
ACL	Altimeter check location	ALR	Alerting (message type designator)
ACN	Aircraft classification number	ALRS	Alerting service
ACP	Acceptance (message type designator)	ALS	Approach lighting system
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	AMD	Amend or amended
ADDN	Addition or additional	AMDT	Amendment (AIP Amendment)
ADF	Automatic direction-finding equipment	AMS	Aeronautical mobile service
ADIZ	Air defence identification zone	AMSL	Above mean sea level
ADJ	Adjacent	AMSS	Aeronautical mobile satellite service
ADO	Aerodrome office	ANC	Aeronautical chart - 1:500 000 (followed by name/title)
ADR	Advisory route	ANCS	Aeronautical navigation chart - small scale
ADS	Automatic dependent surveillance	ANS	Answer
ADSU	Automatic dependent surveillance unit	*ANZUK	Australia, New Zealand and United Kingdom
ADVS	Advisory service	AOC	Aerodrome obstacle chart
ADZ	Advise	AP	Airport
AES	Aircraft earth station	APAPI	Abbreviated precision approach path indicator
AFIL	Flight plan filed in the air	APCH	Approach
AFIS	Aerodrome flight information service		

APDC	Aircraft parking/docking chart	AVGAS	Aviation gasoline
APN	Apron	AWTA	Advise at what time able
APP	Approach control office or approach control or approach control service	AWY	Airway
		AZM	Azimuth
APR	April		
APRX	Approximate or approximately	B	
APSG	After passing		
APV	Approve or approved or approval	B	Blue
ARC	Area chart	BA	Braking action
ARFOR	Area forecast (in aeronautical meteorological code)	BASE	Cloud base
		BCFG	Fog patches
ARNG	Arrange	BCN	Beacon (aeronautical ground light)
ARO	Air traffic services reporting office	BCST	Broadcast
ARP	Aerodrome reference point	BDRY	Boundary
ARP	Air-report (message type designator)	BECMG	Becoming
ARQ	Automatic error correction	BFR	Before
ARR	Arrival (message type designator)	BKN	Broken
ARS	Special air-report (message type designator)	BLDG	Building
ARST	Arresting [specify (part of) aircraft arresting equipment]	BLO	Below clouds
		BLW	Below.
AS	Altostratus	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		
*ASO	Aeroshell oil	BRG	Bearing
ASPH	Asphalt	BRKG	Braking
*ASTO	Aeroshell turbine oil	BS	Commercial broadcasting station
AT	At (followed by time at which weather change is forecast to occur)	BTL	Between layers
		BTN	Between
ATA	Actual time of arrival	BUFR	Binary universal form for the representation of meteorological data
ATC	Air traffic control (in general)		
ATD	Actual time of departure	C	
ATFM	Air traffic flow management		
ATIS	Automatic terminal information service	C	Centre (runway identification)
ATM	Air traffic management	C	Degrees Celsius (Centigrade)
ATN	Aeronautical telecommunication network	*CAAS	Civil Aviation Authority of Singapore
ATP	At time or place	CAT	Category
ATS	Air traffic services	CAT	Clear air turbulence
ATTN	Attention	CAVOK	Visibility, cloud and present weather better than prescribed values or conditions
ATZ	Aerodrome traffic zone		
AT-VASIS	Abbreviated T visual approach slope indicator system	CB	Cumulonimbus
		CC	Cirrocumulus
AUG	August	CCA	or CCB, CCC etc Corrected meteorological message
AUTH	Authorized or authorization		
AUW	All up weight	CD	Candela
AUX	Auxiliary	CDN	Co-ordination (message type designator)
AVBL	Available or availability	CF	Change frequency to.
AVG	Average	CFM	Confirm or I confirm

CGL	Circling guidance light(s)	CTN	Caution
CH	Channel	CTR	Control zone
CHEM	Chemical	CU	Cumulus
CHG	Modification (message type designator)	CUF	Cumuliform
CI	Cirrus	CUST	Customs
CIDIN	Common ICAO data interchange network	CVR	Cockpit voice recorder
CIT	Near or over large towns	CW	Continuous wave
CIV	Civil	CWY	Clearway
CK	Check		
CL	Centre line	D	
CLA	Clear type of ice formation	D.	Danger area (followed by identification)
CLBR	Calibration	DA	Decision altitude
CLD	Cloud	D-ATIS	Data link automatic terminal information service
CLG	Calling	*DCA	Department of Civil Aviation
CLIMB-OUT	Climb-out area	DCD	Double channel duplex
CLR	Clear(s) or cleared to. or clearance	DCKG	Docking
CLRD	Runway(s) cleared	DCP	Datum crossing point
CLSD	Close or closed or closing	DCPC	Direct controller-pilot communications
CM	Centimetre	DCS	Double channel simplex
CMB	Climb to or climbing to	DCT	Direct (in relation to flight plan clearances and type of approach)
CMPL	Completion or completed or complete	DE	From
CNL	Cancel or cancelled	DEC	December
CNL	Flight plan cancellation (message type designator)	DEG	Degrees
CNS	Communications, navigation and surveillance	DEP	Depart or departure
COM	Communications	DEP	Departure (message type designator)
CONC	Concrete	DEPO	Deposition
COND	Condition	DES	Descend to or descending to
CONS	Continuous	DEST	Destination
CONST	Construction or constructed	DETRESF	Distress phase
CONT	Continue(s) or continued	A	
COORD	Coordinates	DEV	Deviation or deviating
COP	Change-over point	DFDR	Digital flight data recorder
COR	Correct or correction or corrected (message type designator)	DFTI	Distance from touchdown indicator
COT	At the coast	*DGCA	Director-General of Civil Aviation
COV	Cover or covered or covering	DH	Decision height
CPDLC	Controller-pilot data link communications	*DIA	Diameter
CPL	Current flight plan (message type designator)	DIF	Diffuse
CRC	Cyclic redundancy check	DIST	Distance
CRZ	Cruise	DIV	Divert or diverting
CS	Call sign (used to request a callsign)	DLA	Delay (message type designator)
CS	Cirrostratus	DLA	Delay or delayed
CTA	Control area	DLIC	Data link initiation capability
CTAM	Climb to and maintain	DME	Distance measuring equipment
CTC	Contact	DNG	Danger or dangerous
CTL	Control	DOM	Domestic
		DP	Dew point temperature

DPT	Depth	ESE	East south east
DR	Dead reckoning	EST	Estimate or estimated or estimation (message type designator)
DRG	During	ETA	Estimated time of arrival or estimating arrival
DS	Duststorm	*ETC	Et cetera
DSB	Double sideband	ETD	Estimated time of departure or estimating departure
DTAM	Descend to and maintain	ETO	Estimated time over significant point
DTG	Date-time group	EV	Every
DTHR	Displaced runway threshold	EVS	Enhanced vision system
DTRT	Deteriorate or deteriorating	EXC	Except
DTW	Dual tandem wheels	EXER	Exercises or exercising or to exercise
DU	Dust	EXP	Expect or expected or expecting
DUC	Dense upper cloud	EXTD	Extend or extending
DUPE	This a duplicate message		
DUR	Duration		
DVOR	Doppler VOR		
D-VOLMET	Data link VOLMET		
DW	Dual wheels		
DZ	Drizzle		

E

E	East or eastern longitude
EAT	Expected approach time
EB	Eastbound
EDA	Elevation differential area
EET	Estimated elapsed time
EFC	Expect further clearance
EGNOS	European geostationary navigation overlay service
EHF	Extremely high frequency (30 000 to 300 000 MHz)
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
ENRC	Enroute chart
ENRT	En route
EOBT	Estimated off-block time
EQPT	Equipment
ER	Here. or herewith

F

F	Fixed
FAC	Facilities
FAF	Final approach fix
FAL	Facilitation of international air transport
FAP	Final approach point
FATO	Final approach and take-off area
FAX	Facsimile transmission
FBL	Light (used to indicate the intensity of weather phenomena, interference or static reports)
FC	Funnel cloud (tornado or water spout)
FCST	Forecast
FCT	Friction coefficient
FDPS	Flight data processing system
FEB	February
FEW	Few
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
FLT	Flight
FLTCK	Flight check
FLUC	Fluctuating or fluctuation or fluctuated
FLW	Follow(s) or following
FLY	Fly or flying
FM	From
FMS	Flight management system
FMU	Flow management unit

FNA	Final approach	GRASS	Grass landing area
FPAP	Flight path alignment point	GRIB	Processed meteorological data in the form of grid point values (in aeronautical meteorological code)
FPL	Filed flight plan (message type designator)		
FPM	Feet per minute	GRVL	Gravel
FPR	Flight plan route	GS	Ground speed
FR	Fuel remaining	GUND	Geoid undulation
FREQ	Frequency		
FRI	Friday	H	
FRNG	Firing		
FRONT	Front (relating to weather)	*H+	Hour plus. minutes past the hour
FRQ	Frequent	H24	Continuous day and night service
FSL	Full stop landing	HAPI	Helicopter approach path indicator
FSS	Flight service station	HBN	Hazard beacon
FST	First	HDF	High frequency direction-finding station
FT	Feet (dimensional unit)	HDG	Heading
FTP	Fictitious threshold point	HEL	Helicopter
FU	Smoke	*HEL - L	Light helicopter (radius of action of 50 NM and capacity of evacuating one person)
FZ	Freezing	*HEL- M	Medium helicopter (radius of action of 50 to 100 NM and capacity for evacuating 2 - 5 persons)
FZDZ	Freezing drizzle	*HEL - H	Heavy helicopter (radius of action in excess of 100 NM and capacity for evacuating more than 5 persons)
FZFG	Freezing fog		
FZRA	Freezing rain		
G			
G	Green	HF	High frequency (3 000 to 30 000 KHz)
GA	Go ahead, resumed sending	H24	Continuous day and night service
GAIN	Airspeed or headwind gain	HGT	Height or height above
GAGAN	GPS and geostationary earth orbit augmented navigation	HJ	Sunrise to sunset
GAMET	Area forecast for low-level flights	*HL	Height loss
GARP	GBAS azimuth reference point	HLDG	Holding
G/A	Ground-to-air	*HMAS	Her Majesty's Australian Service
G/A/G	Ground-to-air and air-to-ground	*HMS	Her Majesty's Service
GBAS	Ground-based augmentation system	HN	Sunset to sunrise
GCA	Ground controlled approach system or ground controlled approach	HO	Service available to meet operational requirements
GEN	General	HOL	Holiday
GEO	Geographic or true	HOSP	Hospital aircraft
GLD	Glider	HPA	Hectopascal
GLONASS	Global orbiting navigation satellite system	*HQ	Headquarters
GMC	Ground movement chart	HR	Hours
GND	Ground	HS	Service available during hours of scheduled operations
GNDCK	Ground check	HUD	Head-up display
GNSS	Global navigation satellite system	HURCN	Hurricane
GP	Glide path	HVDF	High and very high frequency direction- finding stations (at the same location)
*GPO	General Post Office		
GPS	Global positioning system	HVY	Heavy
GR	Hail	HX	No specific working hours
GRAS	Ground-based regional augmentation system	HYR	Higher

HZ	Haze		
HZ	Hertz (cycle per second)		
I		J	
IAC	Instrument approach chart	JAN	January
IAF	Initial approach fix	*JATCC	Joint ATC Centre
IAO	In and out of clouds	JTST	Jet stream
IAP	Instrument approach procedure	JUL	July
IAR	Intersection of air routes	JUN	June
IAS	Indicated air speed	K	
IBN	Identification beacon	KG	Kilograms
IC	Ice crystals	KHZ	Kilohertz
ICE	Icing	KM	Kilometres
ID	Identifier or identity	KMH	Kilometres per hour
IDENT	Identification	KPA	Kilopascal
IF	Intermediate approach fix	KT	Knots
IFF	Identification friend/foe	KW	Kilowatts
IFR	Instrument flight rules	L	
IGA	International general aviation	L	Left (runway identification)
ILS	Instrument landing system	L	Locator (see LM, LO)
IM	Inner marker	LAM	Logical acknowledgement (message type designator)
IMC	Instrument meteorological conditions	LAN	Inland
IMG	Immigration	LAT	Latitude
IMPR	Improve or improving	LDA	Landing distance available
IMT	Immediate or immediately	LDAH	Landing distance available, helicopter
INA	Initial approach	LDG	Landing
INBD	Inbound	LDI	Landing direction indicator
INC	In cloud	LEN	Length
INCERFA	Uncertainty phase	LF	Low frequency (30 to 300 KHz)
INFO	Information	LGT	Light or lighting
INOP	Inoperative	LGTD	Lighted
INP	If not possible	LIH	Light intensity high
INPR	In progress	LIL	Light intensity low
INS	Inertial navigation system	LIM	Light intensity medium
INSTL	Install or Installed or Installation	LM	Locator, middle
INSTR	Instrument	LMT	Local mean time
INT	Intersection	LNG	Long (used to indicate the type of approach desired or required)
*INTER	Intermittent	LO	Locator, outer
INTL	International	LOC	Localizer
INTRG	Interrogator	LONG	Longitude
INTRP	Interrupt or interruption or interrupted	LORAN	LORAN (long range air navigation system)
INTSF	Intensify or intensifying	LOSS	Airspeed or headwind loss
INTST	Intensity	LR	The last message received by me was....
IR	Ice on runway	LRG	Long range
ISA	International standard atmosphere	LS	The last message sent by me was or the last message was
ISB	Independent sideband		
ISOL	Isolated		

LSQ	Line squall	MKR	Marker radio beacon
LTD	Limited	MLS	Microwave landing system
LTP	Landing threshold point	MM	Middle marker
LTT	Landline teletypewriter	MNM	Minimum
LV	Light and variable (relating to wind)	MNPS	Minimum navigation performance specifications
LVE	Leave or leaving	MNT	Monitor or monitoring or monitored
LVL	Level	MNTN	Maintain
LYR	Layer or layered	MOA	Military operating area
M			
M	Mach Number (followed by figures)	MOC	Minimum obstacle clearance (required)
M	Metres (preceded by figures)	MOD	Moderate (used to indicate the intensity of weather phenomena, interference or static report, e.g. MOD RA = moderate rain)
MAA	Maximum authorized altitude	MON	Above mountain
MAG	Magnetic	MON	Monday
MAINT	Maintenance	MOPS	Minimum operational performance standards
MAP	Aeronautical maps and charts	MOV	Move or moving or movement
MAPT	Missed approach point	*MPH	Statute miles per hour
MAR	At sea	MPS	Metres per second
MAR	March	MRA	Minimum reception altitude
MAS	Manual A1 simplex	MRG	Medium range
*MAS	Malaysia Airline System	MRP	ATS/MET reporting point
MAX	Maximum	MS	Minus
MAY	May	MSA	Minimum sector altitude
MBST	Microburst	MSAS	Multi-functional transport satellite (MTSAT) satellite-based augmentation system
MCA	Minimum crossing altitude	MSAW	Minimum safe altitude warning
MCW	Modulated continuous wave	MSG	Message
MDA	Minimum descent altitude	MSL	Mean sea level
MDF	Medium frequency direction-finding station	MSR	Message has been misrouted
MDH	Minimum descent height	MSSR	Monopulse secondary surveillance radar
MEA	Minimum en-route altitude	MT	Mountain
MEHT	Minimum eye height over threshold (for visual approach slope indicator systems)	MTU	Metric units
MET	Meteorological or meteorology	MTW	Mountain waves
METAR	Aviation routine weather report (in aeronautical meteorology code)	MVDF	Medium and very high frequency direction-finding stations (at the same location)
MET REPORT	Local routine meteorological report	MWO	Meteorological watch office
MF	Medium frequency (300 to 3 000 KHz)	MX	Mixed type of ice formation (white and clear)
MHDF	Medium and high frequency direction-finding stations (at the same location)	N	
MHVDF	Medium, high and very high frequency direction-finding stations (at the same location)	N	North or northern latitude
MHZ	Megahertz	NASC	National AIS system centre
MID	Mid-point (related to RVR)	NAT	North Atlantic
MIFG	Shallow fog	NAV	Navigation
MIL	Military	NB	Northbound
MIN	Minutes	NBFR	Not before
MINDEF	Ministry of Defence	NC	No change
MIS	Missing	NDB	Non-directional radio beacon

NCD	No cloud detected	OFZ	Obstacle free zone
NDV	No directional variations available	OGN	Originate
NE	North-east	OHD	Overhead
NEB	North-eastbound	OK	We agree or it is correct
NEG	No or negative or permission not granted or that is not correct	OLDI	On-line data interchange
NGT	Night	OM	Outer marker
NIL	None or I have nothing to send to you	OPA	Opaque, white type of ice formation
NM	Nautical miles	OPC	The control indicated is operational control
NML	Normal	OPMET	Operational meteorological (information)
NN	No name, unnamed	OPN	Open or opening or opened
NNE	North north east	OPR	Operator or operate or operative or operating or operational
NNW	North north west	OPS	Operations
NOF	International NOTAM Office	O/R	On request
NOSIG	No significant change (used in trend-type landing forecasts)	ORD	Order
NOTAM	A 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	OSV	Ocean station vessel
NOV	November	OTP	On top
NOZ	Normal operating zone	OTS	Organized track system
NR	Number	OUBD	Outbound
NRH	No reply heard	OVC	Overcast
NS	Nimbostratus		
NSC	Nil significant cloud	P	
NSW	Nil significant weather	P.....	Maximum value of wind speed or runway visual range
NTL	National	P.	Prohibited area (followed by identification)
NTZ	No transgression zone	PA	Precision approach
NW	North-west	PALS	Precision approach lighting system (specify category)
NWB	North-westbound	PANS	Procedures for air navigation services
NXT	Next	PAPI	Precision approach path indicator
		PAR	Precision approach radar
O		*PARA	Paragraph
OAC	Oceanic area control centre	PARL	Parallel
OAS	Obstacle assessment surface	PATC...	Precision approach terrain chart
OBS	Observe or observed or observation	PAX	Passenger(s)
OBSC	Obscure or obscured or obscuring	PCD	Proceed or proceeding
OBST	Obstacle	PCL	Pilot-controlled lighting
OCA	Obstacle clearance altitude	PCN	Pavement classification number
OCA	Oceanic control area	PDC	Pre-departure clearance
OCC	Occulting (light)	PDG	Procedure design gradient
OCH	Obstacle clearance height	PE	Ice pellets
*OCL	Obstacle clearance limit	PER	Performance
OCNL	Occasional or occasionally	PERM	Permanent
OCS	Obstacle clearance surface	PIB	Pre-flight information bulletin
OCT	October	PJE	Parachute jumping exercise
		PL	Ice pellets
		PLA	Practice low approach
		PLN	Flight plan

PLVL	Present level	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 D/F stations that I control was.....latitude.....longitude or other indication of position, class....at.....hours
PN	Prior notice required	QUAD	Quadrant
PNR	Point of no return	QUJ	Will you indicate the TRUE track to reach you? or The TRUE track to reach me in degrees athours
PO	Dust/sand whirls		
POB	Persons on board		
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		
PROV	Provisional		
PS	Plus		
PSG	Passing		
PSN	Position		
PSR	Primary surveillance radar		
PSP	Pierced steel plank		
PSYS	Pressure system(s)		
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		
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		
QJH	Shall I run my test tape/a test sentence? Or run your test tape/a test sentence		
QNH	Altimeter sub-scale setting to obtain elevation when on the ground		
QSP	Will you relay to.... free of charge? Or I will relay to..... free of charge		
QTA	Shall I cancel telegram number...? or Cancel telegram number.....		
QTE	True bearing		
		R	
		R	Red
		R. . . .	Restricted area (followed by identification)
		R.....	Runway visual range
		R	Right (runway identification)
	R	Right (preceded by runway designation number to identify a parallel runway)
		RA	Rain
		RAC	Rules of the air and Air Traffic Services
		*RAF	Royal Air Force
		RAG	Ragged
		RAG	Runway arresting gear
		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
		RCC	Rescue coordination centre
		RCF	Radio communication failure (message type designator)
		RCH	Reach or reaching
		RCL	Runway centre line
		RCLL	Runway centre line light(s)
		RCLR	Recleared
		RDH	Reference datum height (for ILS)
		RDL	Radial
		RDO	Radio
		RE	Recent (used to qualify weather phenomena e.g. RERA = recent rain)
		REC	Receive or receiver
		REDL	Runway edge light(s)
		REF	Reference to. or refer to.
		REG	Registration
		RENL	Runway end light(s)
		REP	Report or reporting or reporting point
		REQ	Request or requested
		RETE	Reroute

RESA	Runway end safety area	RTS	Return to service
*RFC	Radio facility chart	RTT	Radioteletypewriter
RG	Range (lights)	RTZL	Runway touchdown zone light(s)
*RH	Rescue helicopter	RUT	Standard regional route transmitting frequencies
RHC	Right-hand circuit		
RIF	Reclearance in flight	RV	Rescue vessel
RITE	Right (direction of turn)	RVR	Runway visual range
RL	Report leaving	RVSM	Reduced vertical separation minimum (300m (1000ft)) between FL290 and FL410
RLA	Relay to	RWY	Runway
RLCE	Request level change en route		
RLLS	Runway lead-in lighting system		
RLNA	Request level not available	S	
RMAC	Radar minimum altitude chart	S	South or southern latitude
*RMAF	Royal Malaysian Air Force	SA	Sand
RMK	Remark	SALS	Simple approach lighting system
RNAV	Area navigation	SAN	Sanitary
RNG	Radio range	SAP	As soon as possible
RNP	Required navigation performance	SAR	Search and rescue
ROBEX	Regional OPMET bulletin exchange (scheme)	SARPS	Standards and Recommended Practices (ICAO)
ROC	Rate of climb	SAT	Saturday
ROD	Rate of descent	SATCOM	Satellite communication
RON	Receiving only	*SATO	Shell aircraft turbine oil
RPI	Radar position indicator	SB	Southbound
RPL	Repetitive flight plan	SBAS	Satellite-based augmentation system
RPLC	Replace or replaced	SC	Stratocumulus
RPS	Radar position symbol	SCT	Scattered
RPT	Repeat or I repeat	SDBY	Stand by
RQ	Request	SE	South-east
RQMNTS	Requirements	SEA	Sea (used in connection with sea-surface temperature and state of the sea)
RQP	Request flight plan (message type designator)	SEB	South-eastbound
RQS	Request supplementary flight plan (message type designator)	SEC	Seconds
RR	Report reaching	SECN	Section
RRA	(or RRB, RRC... etc, in sequence) Delayed meteorological message	SECT	Sector
*RSAF	Republic of Singapore Air Force	SELCAL	Selective calling system
RSC	Rescue sub-centre	SEP	September
RSCD	Runway surface condition	SER	Service or servicing or served
*RSFC	Royal Selangor Flying Club	SEV	Severe (used e.g. to qualify icing and turbulence reports)
RSP	Responder beacon		
RSR	En-route surveillance radar	SFC	Surface
RTD	Delayed (message type designator)	SG	Snow grains
RTE	Route	SGL	Signal
RTF	Radiotelephone	SH	Shower
RTG	Radiotelegraph	SHF	Super high frequency (3 000 to 30 000 MHz)
RTHL	Runway threshold light(s)		
RTN	Return or returned or returning	*SIA	Standard instrument approach
RTODAH	Rejected take-off distance available, helicopter	SID	Standard instrument departure

SIF	Selective identification feature	STF	Stratiform
SIG	Significant	STN	Station
SIGMET	Information concerning en-route weather phenomena which may affect the safety of aircraft operations	STNR	Stationary
		STOL	Short take-off and landing
		STS	Status
SIMUL	Simultaneous or simultaneously	STWL	Stopway light(s)
SIWL	Single isolated wheel load	SUBJ	Subject to
SKED	Schedule or scheduled	SUN	Sunday
SLP	Speed limiting point	SUP	Supplement (AIP Supplement)
SLW	Slow	SUPPS	Regional supplementary procedures
SMC	Surface movement control	SVC	Service message
SMR	Surface movement radar	SVCBL	Serviceable
SN	Snow	SW	South-west
SNOCLO	Aerodrome closed due to snow	SWB	South-westbound
SNOW-TAM	A special series NOTAM notifying the presence or removal of hazardous conditions due to snow, ice, slush or standing water associated with snow, slush and ice on the movement area, by means of a specific format	SWY	Stopway
		T	
*SOC	Start of climb	T	Temperature
SPECI	Aviation selected special weather report (in aeronautical meteorological code)	TA	Transition altitude
		TAA	Terminal arrival altitude
SPECIAL	Special meteorological report (in abbreviated plain language)	TACAN	UHF tactical air navigation aid
		TAF	Aerodrome forecast
SPL	Supplementary flight plan (message type designator)	TAIL	Tail wind
		*TAM	Technical acknowledge message
SPOC	SAR point of contact	TAR	Terminal area surveillance radar
SPOT	Spot wind	TAS	True airspeed
SQ	Squall	TAX	Taxiing or taxi
SQL	Squall line	TC	Tropical cyclone
SR	Sunrise	TCAC	Tropical cyclone advisory centre
SRA	Surveillance radar approach	TCU	Towering cumulus
SRE	Surveillance radar element of precision approach radar system	TDO	Tornado
		TDZ	Touchdown zone
SRG	Short range	TECR	Technical reason
SRR	Search and rescue region	TEL	Telephone
SRY	Secondary	TEMPO	Temporary or temporarily
SS	Sandstorm	TFC	Traffic
SS	Sunset	TGL	Touch-and-go landing
SSB	Single sideband	TGS	Taxiing guidance system
SSE	South south east	THR	Threshold
SSR	Secondary surveillance radar	THRU	Through
SST	Supersonic transport	THU	Thursday
SSW	South south west	TIBA	Traffic information broadcast by aircraft
ST	Stratus	TIL	Until
STA	Straight in approach	TIP	Until past. (place)
STAR	Standard instrument arrival	TKOF	Take-off
STD	Standard	TL	Till
		TLOF	Touchdown and lift-off area
		TMA	Terminal control area

TN	Minimum temperature	UNAP	Unable to approve
TNA	Turn altitude	UNL	Unlimited
TNH	Turn height	UNREL	Unreliable
TO	To. (place)	UP	Unidentified precipitation
TOC	Top of climb	U/S	Unserviceable
*TOD	Time of despatch	UTA	Upper control area
TODA	Take-off distance available	UTC	Co-ordinated Universal Time
TODAH	Take-off distance available, helicopter		
TOP	Cloud top	V	
*TOR	Time of receipt	VA	Volcanic ash
TORA	Take-off run available	VAAC	Volcanic ash advisory centre
TOX	Toxic	VAC	Visual approach chart
TP	Turning point	VAL	In valleys
TR	Track	VAN	Runway control van
TRA	Temporary reserved airspace	VAR	Magnetic variation
TRANS	Transmits or transmitter	VAR	Visual-aural radio range
TREND	Trend forecast	VASIS	Visual approach slope indicator system
TRL	Transition level	VC	Vicinity of the aerodrome
TROP	Tropopause	VCY	Vicinity
TS	Thunderstorm	VDF	Very high frequency direction-finding station
TT	Teletypewriter	VER	Vertical
TUE	Tuesday	VFR	Visual flight rules
TURB	Turbulence	VHF	Very high frequency (30 to 300 MHz)
T-VASIS	T visual approach slope indicator system	*VIA	By way of
TVOR	Terminal VOR	VIP	Very important person
TWR	Aerodrome control tower or aerodrome control	VIS	Visibility
TWY	Taxiway	VLF	Very low frequency (3 to 30 KHz)
TWYL	Taxiway-link	VLR	Very long range
TX	Maximum temperature	VMC	Visual meteorological conditions
TXT	Text	VOLMET	Meteorological information for aircraft in flight
TYP	Type of aircraft	VOR	VHF omnidirectional radio range
TYPH	Typhoon	VORTAC	VOR and TACAN combination
		VOT	VOR airborne equipment test facility
U		VPA	Vertical path angle
U	Upward	VRB	Variable
UA	Unmanned aircraft	VSA	By visual reference to the ground
UAB	Until advised by.	VSP	Vertical speed
UAC	Upper area control centre	VV	Vertical visibility
UAR	Upper air route	VTOL	Vertical take-off and landing
UAS	Unmanned aircraft system	*VVIP	Very very important person
UDF	Ultra high frequency direction-finding station	W	
UFN	Until further notice	W	West or western longitude
UHDT	Unable higher due traffic	W	White
UHF	Ultra high frequency (300 to 3 000 MHz)	WAAS	Wide area augmentation system
UIC	Upper information centre	WAC	World Aeronautical Chart - ICAO 1:1 000 000
UIR	Upper flight information region	WAFC	World area forecast centre
ULR	Ultra long range	WB	Westbound
UNA	Unable		

WBAR	Wing bar lights
WDI	Wind direction indicator
WDSPR	Widespread
WED	Wednesday
WEF	With effect from or effective from
WGS-84	World Geodetic System - 1984
WI	Within
WID	Width
WIE	With immediate effect or effective immediately
WILCO	Will comply
WIND	Wind
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

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)
YR	Your

Z

Z	Co-ordinated Universal Time (in meteorological messages)
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