## GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

REF ICAO Doc 8400/4, PANS-ABC.

*[ ] Within brackets: symbol of a unit of the international System of Units SI or a non-SI unit used in conjunction with the system*

**** not in PANS-ABC***

***† transmitted in RTF as a spoken word***

### A

| | |
|---|---|
| A | Amber |
| A* | FRA arrival connecting point |
| A1A* | A2A, A3E, etc. Designation of typical radio-communication emissions |
| A/A | Air-to-air |
| AAA | *or* AAB, AAC etc. *in sequence*, Amended meteorological message |
| AAL | Above aerodrome level |
| AAU* | Airspace Allocation Unit |
| ABM | Abeam |
| ABN | Aerodrome beacon |
| ABV | Above |
| AC | Altocumulus |
| ACAS† | Airborne collision avoidance system |
| ACC | Area control centre *or* area control |
| ACCID | Notification of an aircraft accident |
| ACFT | Aircraft |
| ACK | Acknowledge |
| ACL | Altimeter check location |
| ACN | Aircraft classification number |
| ACT | Active *or* activated *or* activity |
| AD | Aerodrome |
| ADA | Advisory area |
| ADF | Automatic direction finding equipment |
| ADIZ† | Air defence identification zone |
| ADJ | Adjacent |
| ADR | Advisory route |
| ADS-B* | Automatic dependent surveillance-broadcast |
| ADS-C* | Automatic dependent surveillance - contract |
| ADVS | Advisory service |
| ADZ | Advise |
| AES | Aircraft earth station |
| AFIL | Flight plan filed in the air |
| AFIS | Aerodrome flight information service |
| AFS | Aeronautical fixed service |
| AFTN | Aeronautical fixed telecommunication network |
| A/G | Air-to-ground |
| AGA | Aerodromes, air routes and ground aids |
| AGL | Above ground level |
| AGN | Again |
| AIC | Aeronautical information circular |
| AIP | Aeronautical information publication |
| AIRAC | Aeronautical information regulation and control |
| AIREP† | Air-report |
| AIS | Aeronautical information services |
| ALA | Alighting area |
| ALERFA† | Alert phase |
| ALR | Alerting (message type designator) |
| ALRS | Alerting service |
| ALS | Approach lighting system |
| ALT | Altitude |
| ALTN | Alternate *or* alternating *(light alternates in colour)* |
| ALTN | Alternate (aerodrome) |
| AMA | Area minimum altitude |
| AMC* | Airspace management cell |
| AMD | Amend *or* amended |
| AMDT | Amendment *(AIP amendment)* |
| AMS | Aeronautical mobile service |
| AMSL | Above mean sea level |
| ANS | Answer |
| AOC | Aerodrome obstacle chart |
| AP | Airport |
| APAPI† | Abbreviated precision approach path indicator |
| APCH | Approach |
| APP | Approach control office *or* approach control *or* approach control service |
| APP* | Appendix |
| APR | April |
| APRX | Approximate *or* approximately |
| APSG | After passing |
| APV | Approve *or* approved *or* approval |
| APV* | Approach with vertical guidance |
| ARNG | Arrange |
| ARO | Air traffic services reporting office |
| ARP | Aerodrome reference point |
| ARR | Arrive *or* arrival |
| ARR | Arrival *(message type designator)* |
| AS | Altostratus |
| ASDA | Accelerate-stop distance available |
| A-SMGCS* | Advanced surface movement guidance and control system |
| ASP* | Airspace |
| ASPH | Asphalt |
| ASTA* | Climatological station |
| ATA | Actual time of arrival |
| ATC | Air traffic control *(in general)* |
| ATD | Actual time of departure |
| ATFM | Air traffic flow management |
| ATIS† | Automatic terminal information service |
| ATM | Air traffic management |
| ATN | Aeronautical telecommunication network |

| | |
|---|---|
| ATS | Air traffic services |
| ATZ | Aerodrome traffic zone |
| AUG | August |
| AUTH | Authorize *or* authorization |
| AUW | All up weight |
| AVBL | Available |
| AVGAS† | Aviation gasoline |
| AWY | Airway |
| AZM | Azimuth |

**B**

| | |
|---|---|
| B | Blue |
| BA | Braking action |
| BASE† | Cloud base |
| BARO-VNAV*† | Barometric vertical navigation (to be pronounced "BAA-RO-VEE-NAV") |
| BAZL* | Federal Office of Civil Aviation (FOCA, OFAC, UFAC) |
| BCFG | Fog patches |
| BCN | Beacon *(aeronautical ground light)* |
| BCST | Broadcast |
| BDRY | Boundary |
| BFR | Before |
| BKN | Broken |
| BL ... | Blowing *(follow by DU = dust, SA = sand or SN = snow)* |
| BLDG | Building |
| BLO | Below clouds |
| BLW | Below... |
| BOMB | Bombing |
| BR | Mist |
| BRG | Bearing |
| BRKG | Braking |
| B-RNAV*† | Basic RNAV*† |
| BS | Commercial broadcasting station |
| BTN | Between |
| BUFR* | Binary universal form for the representation of meteorological data |

**C**

| | |
|---|---|
| C [°C] | Degrees Celsius |
| C | Centre *(runway identification)* |
| CAG* | General Aviation Centre (GAC) |
| CAT | Clear air turbulence |
| CAT | Category *(in CAT I, II, III operations)* |
| CAVOK† | Visibility, cloud and present weather better than prescribed values *or* conditions (KAV-OH-KAY) |
| CB | (to be pronounced „CEE BEE") Cumulonimbus |
| CBA* | Cross border area |
| CC | Cirrocumulus |
| CCA | *or* CCB, CCC, *etc. in sequence*, Corrected meteorological message |
| CD | Candela |
| CDR* | Conditional route |
| CF | Change frequency to |
| CGL | Circling guidance light(s) |
| CH | Channel |
| CHEM* | Chemical |
| CHG | Modification *(message type designator)* |
| CI | Cirrus |
| CIDIN† | Common ICAO data interchange network |
| CIV | Civil |
| CK | Check |
| CL | Centre line |
| CLD | Cloud |
| CLG | Calling |
| CLR | Clear *or* cleared to *or* clearance |
| CLSD | Close *or* closed *or* closing |
| CM [cm] | Centimetre |
| CMB | Climb to *or* climbing to |
| CMPL | Completion *or* completed *or* complete |
| CNL | Cancel *or* cancelled |
| CNL | Flight plan cancellation *(message type designator)* |
| CNS | Communications, navigation and surveillance |
| COM | Communications |
| CONC | Concrete |
| COND | Condition |
| CONS | Continuous |
| CONST | Construction *or* constructed |
| CONT | Continue(s) *or* continued |
| COORD | Coordinates |
| COP | Change-over point |
| COR | Correct *or* corrected *or* correction |
| COTSENA* | (= KOSIF) |
| COTSINA* | (= KOSIF) |
| COV | Cover *or* covered *or* covering |
| CPDLC | Controller-pilot data link communications |
| CPL | Current flight plan *(message type designator)* |
| CRS* | Course |
| CRZ | Cruise |
| CS | Call sign |
| CS | Cirrostratus |
| CTA | Control area |
| CTAM | Climb to and maintain |
| CTC | Contact |
| CTL | Control |
| CTN | Caution |
| CTR | Control zone |
| CU | Cumulus |
| CUST | Customs |
| CWY | Clearway |

## D

| | |
|---|---|
| D... | Danger area *(followed by identification)* |
| D | Downward *(tendency in RVR during previous 10 minutes)* |
| D* | FRA departure connecting point |
| DA | Decision altitude |
| DABS* | Daily Airspace Bulletin Switzerland |
| DCT | Direct *(in relation to flight plan clearances and type of approach)* |
| DEC | December |
| DEG [°] | Degrees |
| DEL* | Delivery, issuance (ATC clearance) |
| DEP | Depart *or* departure |
| DEP | Departure *(message type designator)* |
| DEPO* | Deposition |
| DER | Departure end of the runway |
| DES | Descend to *or* descending to |
| DEST | Destination |
| DETRESFA† | Distress phase |
| DEV | Deviation *or* deviating |
| DFTI | Distance from touchdown indicator |
| DH | Decision height |
| DIF | Diffuse |
| DIST | Distance |
| DIV | Divert *or* diverting |
| DLA | Delay *or* delayed |
| DME | Distance measuring equipment |
| DNG | Danger *or* dangerous |
| do/id.* | ditto/idem |
| DOC* | Designated operational coverage (range and height) |
| DOM | Domestic |
| DP | Dew point temperature |
| DPT | Depth |
| DR | Dead reckoning |
| DR ... | Low drifting *(follow by DU = dust, SA = sand or SN = snow)* |
| DRG | During |
| DS | Duststorm |
| DTAM | Descend to and maintain |
| DTG | Date-time group |
| DTHR | Displaced runway threshold |
| DTW | Dual tandem wheels |
| DU | Dust |
| DUC | Dense upper cloud |
| DUR | Duration |
| DVOR | Doppler VOR |
| DW | Dual wheels |
| DZ | Drizzle |

## E

| | |
|---|---|
| E | East *or* eastern longitude |
| E* | FRA horizontal entry point |
| EAT | Expected approach time |
| EB | Eastbound |
| EET | Estimated elapsed time |
| EFB* | Electronic flight bag |
| EFC | Expect further clearance |
| ELBA† | Emergency location beacon-aircraft |
| ELEV | Elevation |
| ELT | Emergency location 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 |
| EOBT | Estimated off-block time |
| EQPT | Equipment |
| ENRC | Enroute chart |
| ENRC-FRA* | Enroute chart -Free Route Airspace |
| 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 |
| ETE* | Summer *(summer time period)* |
| ETO | Estimated time over significant point |
| EUR RODEX* | European regional OPMET data exchange |
| EV | Every |
| EVS* | Enhanced vision system |
| EXC | Except |
| EXER | Exercise(s) *or* exercising *or* to exercise |
| EXP | Expect *or* expected *or* expecting |
| EXTD | Extend *or* extending |

## 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 |
| FCST | Forecast |
| FCT | Friction coefficient |
| FEB | February |
| FG | Fog |
| FIC | Flight information centre |
| FIR | Flight information region |
| FIS | Flight information service |
| FISA | Automated flight information service |

| | |
|---|---|
| FIZ* | Flight Information Zone |
| FL | Flight level |
| FLD | Field |
| FLG | Flashing |
| FLT | Flight |
| FLW | Follow(s) *or* following |
| FM ... | From *(followed by time weather change is forecast to begin)* |
| FMU | Flow management unit |
| FOCA* | Federal Office of Civil Aviation (BAZL, OFAC, UFAC) |
| FPL | Filed flight plan *(message type designator)* |
| FPM [ft/min] | Feet per minute |
| FPR | Flight plan route |
| Fr* | French |
| FR | Fuel remaining |
| FRA | Free Route Airspace |
| FREQ | Frequency |
| FRI | Friday |
| FRNG | Firing |
| FRONT† | Front *(relating to weather)* |
| FSS | Flight service station |
| FT [ft] | Feet *(dimensional unit)* |
| FU | Smoke |
| FZ | Freezing |
| FZDZ | Freezing drizzle |
| FZFG | Freezing fog |
| FZRA | Freezing rain |

## G

| | |
|---|---|
| G | Green |
| G/A | Ground-to-air |
| GAC* | General Aviation Centre (CAG) |
| GAFOR* | General aviation forecast |
| GAIN | Airspeed or headwind gain |
| GBAS† | Ground-based augmentation system (to be pronounced “GEE-BAS”) |
| GCA | Ground controlled approach system *or* ground controlled approach |
| Ge* | German |
| GEN | General |
| GEO | Geographic *or* true |
| GES | Ground earth station |
| GLD | Glider |
| GLS | GBAS landing system |
| GND | Ground |
| GNDCK | Ground check |
| GNSS | Global navigation satellite system |
| GP | Glide path |
| GR | Hail |
| GRASS | Grass landing area |
| GRVL | Gravel |
| GS | Ground speed |
| GS | Small hail *and/or* snow pellets |
| GUND | Geoid undulation |

## H

| | |
|---|---|
| H24 | Continuous day and night service |
| HAPI | Helicopter approach path indicator |
| HBN | Hazard beacon |
| HDG | Heading |
| HEL | Helicopter |
| HEMS* | Helicopter Emergency Medical Service |
| HF | High frequency (3000 to 30’000 kHz) |
| HGT | Height *or* height above |
| HIV* | Winter *(standard time period CET)* |
| HJ | Sunrise to sunset |
| HLDG | Holding |
| HN | Sunset to sunrise |
| HO | Service available to meet operational requirements |
| HOL | Holiday |
| HOSP | Hospital aircraft |
| HPA [hPa] | Hectopascal |
| HR [h] | Hours |
| HRH* | Day and night limit hours (REF GEN 2.7 |
| HRP | Heliport reference point |
| HS | Service available during hours of scheduled operations |
| HUD | Head-up display |
| HVY | Heavy |
| HX | No specific working hours |
| HYR | Higher |
| HZ | Haze |
| HZ [Hz] | Hertz |

## I

| | |
|---|---|
| I* | FRA intermediate point |
| IAC | Instrument approach chart |
| IAF | Initial approach fix |
| IAR | Intersection of air routes |
| IAS | Indicated airspeed |
| IBN | Identification beacon |
| IC | Ice crystals *(very small ice crystals in suspension, also known as diamond dust)* |
| ICAO* | International Civil Aviation Organization |
| ID | Identifier *or* identify |
| IDENT† | Identification |
| IF | Intermediate approach fix |
| IFF | Identification friend/foe |
| IFR | Instrument flight rules |
| IGS* | Instrument guidance system |
| ILS | Instrument landing system |
| IM | Inner marker |
| IMC | Instrument meteorological conditions |

| | |
|---|---|
| IMG | Immigration |
| INA | Initial approach |
| INBD | Inbound |
| INCERFA† | Uncertainty phase |
| INFO† | Information |
| INOP | Inoperative |
| INS | Inertial navigation system |
| INT | Intersection |
| INTL | International |
| INTST | Intensity |
| IR | Ice on runway |
| ISA | International standard atmosphere |
| It* | Italian |

**J**

| | |
|---|---|
| JAA* | Joint Aviation Authorities |
| JAN | January |
| JTST | Jet stream |
| JUL | July |
| JUN | June |

**K**

| | |
|---|---|
| KG [kg] | Kilograms |
| KHZ [kHz] | Kilohertz |
| KM [km] | Kilometres |
| KMH [km/h] | Kilometres per hour |
| KOSIF* | Coordination office for firings and safety of air navigation |
| KPA [kPa] | Kilopascal |
| KT [kt] | Knots |
| KW [kw] | Kilowatts |

**L**

| | |
|---|---|
| L | Left *(runway identification)* |
| L | Locator (LO) |
| LAT [°] | Latitude |
| LC* | Landing chart |
| LCA | Locally *or* local *or* location *or* located |
| LDA | Landing distance available |
| LDAH | Landing distance available, helicopter |
| LDG | Landing |
| LDI | Landing direction indicator |
| LEN | Length |
| LF | Low frequency (30 to 300 kHz) |
| LFHK* | Chart of Air Navigation Obstacles (ONAV) |
| LFN* | Low Flight Network |
| LGT | Light *or* lighting |
| LGTD | Lighted |
| LIH | Light intensity high |
| LIL | Light intensity low |
| LIM | Light intensity medium |
| LM | Locator, middle |
| LMT | Local mean time |
| LNAV | Lateral navigation |
| LO | Locator, outer |
| LOC | Localizer |
| LONG [°] | Longitude |
| LOSS | Airspeed or headwind loss |
| LPV | Localizer performance with vertical guidance |
| LT* | Swiss time/local time |
| LTD | Limited |
| LTT | Landline teletypewriter |
| LV | Light and variable *(relating to wind)* |
| LVE | Leave *or* leaving |
| LVL | Level |
| LVO* | Low visibility operations |
| LVP | Low visibility procedures |

**M**

| | |
|---|---|
| M [m] | Metres *(preceded by figures)* |
| M | Mach number *(followed by figures)* |
| MA* | Chart of air masses |
| MAA | Maximum authorized altitude |
| MAG | Magnetic |
| MAINT | Maintenance |
| MAP | Aeronautical maps and charts |
| MAPT | Missed approach point |
| MAR | March |
| MAX | Maximum |
| MAY | May |
| MCA | Minimum crossing altitude |
| MDA | Minimum descent altitude |
| MDH | Minimum descent height |
| MEA | Minimum en-route altitude |
| MEHT | Minimum eye height over threshold *(for VASIS)* |
| MET† | Meteorological *or* meteorology |
| METAR† | Aerodrome routine meteorological report *(in aeronautical meteorological code)* |
| MF | Medium frequency (300 to 3’000 kHz) |
| MHZ [MHz] | Megahertz |
| MID | Mid-point *(related to RVR)* |
| MIL | Military |
| MIN [min] | Minutes |
| MKR | Marker radio beacon |
| MLAT* | Multilateration |
| MLS | Microwave landing system |
| MM | Middle marker |
| MNM | Minimum |
| MNT | Monitor *or* monitoring *or* monitored |
| MOA | Military operating area |
| MOC | Minimum obstacle clearance *(required)* |
| MOCA | Minimum obstacle clearance altitude |
| MON | Monday |
| MPS [m/s] | Metres per second |
| MRA | Minimum reception altitude |
| MRP | ATS/MET reporting point |
| MS | Minus |
| MSA | Minimum sector altitude |
| MSG | Message |

| | |
|---|---|
| MSL | Mean sea level |
| MT | Mountain |
| MTOM* | Maximum take-off mass |
| MWO | Meteorological watch office |

**N**

| | |
|---|---|
| N | North *or* northern latitude |
| N | No distinct tendency *(in RVR during previous 10 minutes)* |
| NAT | North Atlantic |
| NAV | Navigation |
| NB | Northbound |
| NBFR | Not before |
| NC | No change |
| NDB | Non-directional radio beacon |
| NE | North-east |
| NEB | North-eastbound |
| NEG | No *or* negative *or* permission not granted *or* that is not correct |
| NGT | Night |
| NIL† | None *or* I have nothing to send to you |
| NM [M] | Nautical miles |
| NML | Normal |
| NN | No name, unnamed |
| NNE | North-north-east |
| NNW | North-north-west |
| NOF | International NOTAM office |
| NOSIG† | No significant change *(used in trend-type landing forecasts)* |
| NOTAM† | A notice 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 |
| NOV | November |
| NR | Number |
| NRH | No reply heard |
| NS | Nimbostratus |
| NSC | Nil significant cloud |
| NSW | Nil significant weather |
| NVFR* | VFR by night |
| NW | North-west |
| NWB | North-westbound |

**O**

| | |
|---|---|
| OACI* | ICAO |
| OAS | Obstacle assessment surface |
| OBS | Observe *or* observed *or* observation |
| OBST | Obstacle |
| OCA | Obstacle clearance altitude |
| OCC | Occulting *(light)* |
| OCH | Obstacle clearance height |
| OCNL | Occasional *or* occasionally |
| OCS | Obstacle clearance surface |
| OCT | October |
| OFAC* | Federal Office of Civil Aviation (BAZL, FOCA, UFAC) |
| OHD | Overhead |
| OM | Outer marker |
| ONAV* | Air Navigation Obstacle Chart including Glider Flying Information (LFHK) |
| OPMET† | Operational meteorological (*information)* |
| OPN | Open *or* opening *or* opened |
| OPR | Operator *or* operate *or* operative *or* operating *or* operational |
| OPS† | Operations |
| O/R | On request |
| OTS | Organized track system |
| OUBD | Outbound |

**P**

| | |
|---|---|
| P ... | Prohibited area *(followed by identification)* |
| PALS | Precision approach lighting system *(specify CAT)* |
| PANS | Procedures for air navigation services |
| PAPI† | Precision approach path indicator |
| PAR | Precision approach radar |
| PARL | Parallel |
| PAX | Passengers |
| PBN | Performance-based navigation |
| PCD | Proceed *or* proceeding |
| PCN | Pavement classification number |
| PDG | Procedure design gradient |
| PER | Performance |
| PERM | Permanent |
| PJE | Parachute jumping exercise |
| PLN | Flight plan |
| PLVL | Present level |
| PN | Prior notice required |
| POB | Persons on board |
| POSS | Possible |
| PPI | Plan position indicator |
| PPR | Prior permission required |
| PPSN | Present position |
| PRI | Primary |
| PRKG | Parking |
| P-RNAV*† | Precision RNAV |
| PROB† | Probability |
| PROC | Procedure |
| PROV | Provisional |
| PS | Plus |
| PSG | Passing |
| PSN | Position |
| PSP | Pierced steel plank |
| PTN | Procedure turn |

| | |
|---|---|
| PTS | Polar track structure |
| PWR | Power |

## Q

| | |
|---|---|
| QDM | Magnetic heading *(zero wind)* |
| QDR | Magnetic bearing |
| QFE | Atmospheric pressure at aerodrome elevation *(or at runway threshold)* |
| QFU | Magnetic orientation of runway |
| QNH | Altimeter sub-scale setting to obtain elevation when on the ground |
| QTE | True bearing |

## R

| | |
|---|---|
| R | Red |
| R | Right *(Runway identification)* |
| R ... | Restricted area *(followed by identification)* |
| R ...* | VOR Radial *(followed by number of degrees)* |
| RA | Rain |
| RAC | Rules of the air and air traffic services |
| RAD* | Route Availability Document |
| RAFC* | Regional area forecast centre |
| RB | Rescue boat |
| RCC | Rescue coordination centre |
| RCF | Radiocommunication failure *(message type designator)* |
| RCH | Reach *or* reaching |
| RCL | Runway centre line |
| RCLL | Runway centre line light(s) |
| RCLR | Recleared |
| RCP | Required communication performance |
| RDH | Reference datum height |
| 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 |
| RERTE | Re-route |
| RESA | Runway end safety area |
| RETIL* | Rapid Exit Taxiway Indicator Lights |
| RF | Constant radius arc to a fix |
| RFP* | Replacement *or* replaced flight plan |
| RG | Range (lights) |
| RGL* | Runway Guard Light |
| RIF | Reclearance in flight |
| RL | Report leaving |
| RLA | Relay to... |
| RLLS | Runway lead-in lighting system |
| RMK | Remark |
| RMZ | Radio Mandatory Zone |
| RNAV† | Area navigation (to be pronounced AR NAV) |
| RNG | Radio range |
| RNP | Required navigation performance |
| ROBEX† | Regional OPMET bulletin exchange (scheme) |
| ROC | Rate of climb |
| ROD | Rate of descent |
| RON | Receiving only |
| RPL | Repetitive flight plan |
| RPLC | Replace *or* replaced |
| RPS | Radar position symbol |
| RR | Report reaching |
| RRA | *(or RRB, RRC, etc. in sequence)* Delayed meteorological message *(message type designator)* |
| RSC | Rescue sub-centre |
| RSCD | Runway surface condition |
| RSP | Responder beacon |
| RTD | Delayed *(used to indicate delayed meteorological* message; message type designator) |
| RTE | Route |
| RTF | Radiotelephone |
| RTG | Radiotelegraph |
| RTHL | Runway threshold light(s) |
| RTIL* | Runway threshold identification light(s) |
| RTS | Return to service |
| RTT | Radioteletypewriter |
| RTZL | Runway touchdown zone light(s) |
| RUT | Standard regional route transmitting frequencies |
| RV | Rescue vessel |
| RVR | Runway visual range |
| RVSM | Reduced vertical separation minimum |
| RWY | Runway |

## S

| | |
|---|---|
| S | South *or* southern latitude |
| S1 - S5* | Ground service |
| SALS | Simple approach lighting system |
| SAN | Sanitary |
| SAR | Search and rescue |
| SARPS | Standards and Recommended Practices (ICAO) |
| SAT | Saturday |
| SB | Southbound |
| SBAS† | Satellite-based augmentation system (to be pronounced “ESS-BAS”) |
| SC | Stratocumulus |

| | |
|---|---|
| SCT | Scattered |
| SE | South-east |
| SEB | South-eastbound |
| SEC [s] | Seconds |
| SECT | Sector |
| SELCAL† | Selective calling system |
| SEP | September |
| SER | Service *or* servicing *or* served |
| SFC | Surface |
| SFR* | Special flight route |
| SG | Snow grains |
| SGL | Signal |
| SH ... | Showers *(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)* |
| SHF | Super high frequency (3'000 to 30'000 MHz) |
| SID† | Standard instrument departure |
| SIGMET† | Information concerning en-route weather phenomena which may affect the safety of aircraft operations |
| SIWL | Single isolated wheel load |
| SKED | Schedule *or* scheduled |
| SLP | Speed limiting point |
| SMR | Surface movement radar |
| SN | Snow |
| SNOWTAM† | 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 |
| SPECI† | Aviation selected special weather report *(in aeronautical meteorological code)* |
| SPECIAL† | Local special meteorological report *(in abbreviated plain language)* |
| SPL | Supplementary flight plan *(message type designator)* |
| SPOC | SAR point of contact |
| SPOT† | Spot wind |
| SQ | Squall |
| SR | Sunrise |
| SRA | Surveillance radar approach |
| SRE | Surveillance radar element of precision approach radar system |
| SRG | Short range |
| SRR | Search and rescue region |
| SRY | Secondary |
| SS | Sunset |
| SSB | Single sideband |
| SSE | South-south-east |
| SSR | Secondary surveillance radar |
| SST | Supersonic transport |
| SSW | South-south-west |
| ST | Stratus |
| STA | Straight-in approach |
| STAR† | Standard instrument arrival |
| STD | Standard |
| STN | Station |
| STOL | Short take-off and landing |
| STS | Status |
| STWL | Stopway light(s) |
| SUBJ | Subject to |
| SUN | Sunday |
| SUP | Supplement *(AIP Supplement)* |
| SVC | Service message |
| SVCBL | Serviceable |
| SVFR* | Special VFR |
| SVID* | Standard visual/instrument departure |
| SW | South-west |
| SWB | South-westbound |
| SWY | Stopway |

## T

| | |
|---|---|
| T | Temperature |
| ...T | True *(preceded by a bearing to indicate reference to True North)* |
| TA | Transition altitude |
| TACAN† | UHF tactical air navigation aid |
| TAF† | Aerodrome forecast |
| TAIL† | Tail wind |
| TAS | True airspeed |
| TAX | Taxiing *or* taxi |
| TC | Terminal control centre* |
| TCU | Towering cumulus |
| TDZ | Touchdown zone |
| TEL | Telephone |
| TEMPO† | Temporary *or* temporarily |
| TFC | Traffic |
| TGL* | Temporary guidance leaflet |
| TGS | Taxiing guidance system |
| THR | Threshold |
| THRU | Through |
| THU | Thursday |
| TIL† | Until |
| TIP | Until past... (place) |
| TKOF | Take-off |
| TL ... | Till *(followed by time by which weather change is forecast to end)* |
| TLOF | Touchdown and lift-off area |
| TMA | Terminal control area |
| TMM* | Transmissometer (RVR) |
| TMZ | Transponder Mandatory Zone |
| TNA | Turn altitude |
| TNH | Turn height |
| TOC | Top of climb |
| TODA | Take-off distance available |
| TODAH | Take-off distance available, helicopter |
| TOP† | Cloud top |

| | |
|---|---|
| TOBT* | Target off block time |
| TORA | Take-off run available |
| TOX | Toxic |
| TP | Turning point |
| TR | Track |
| TRA* | Temporary reserved area |
| TRANS | Transmits *or* transmitter |
| TREND† | Trend forecast |
| TRL | Transition level |
| TS | Thunderstorm *(in aerodrome reports and forecasts, TS used alone means thunder heard but no precipitation at the aerodrome)* |
| 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)* |
| TSA* | Temporary Segregated Area (LS-T..) |
| TT | Teletypewriter |
| TUE | Tuesday |
| TURB | Turbulence |
| TVOR | Terminal VOR |
| TWIL* | Twilight |
| TWR | Aerodrome control tower *or* aerodrome control |
| TWY | Taxiway |
| TX* | Telex |
| TYP | Type of aircraft |
| TZL* | (Simple) Touchdown zone light (Explanation see AIP LSZB, LSZA, LSZR: AD 2.14 - Footnote) |

## U

| | |
|---|---|
| U | Upward *(tendency in RVR during previous 10 minutes)* |
| U2* | U3 etc. MET charts |
| UA | Unmanned aircraft |
| UAC | Upper area control centre |
| UAR | Upper air route |
| UAS | Unmanned aircraft system |
| UDF | Ultra high frequency direction-finding station |
| UFAC* | Federal Office of Civil Aviation (BAZL, FOCA, OFAC) |
| UFN | Until further notice |
| UHDT | Unable higher due to traffic |
| UHF | Ultra high frequency (300 to 3’000 MHz) |
| UIR | Upper flight information region |
| UNA | Unable |
| UNAP | Unable to approve |
| UNCAT* | Uncategorised |
| UNL | Unlimited |
| UNREL | Unreliable |
| U/S | Unserviceable |
| UTA | Upper control area |
| UTC | Coordinated universal time |

## V

| | |
|---|---|
| VAC | Visual approach chart |
| VAN | Runway control van |
| VAR | Magnetic variation |
| VASIS | Visual approach slope indicator systems |
| VC | Vicinity of the aerodrome *(followed by FG = fog, FC = funnel cloud, PO = dust/sand whirls, BLDU = blowing dust, BLSA = blowing sand or BLSN = blowing snow, TS = thunderstorm or VA = volcanic ash, e.g. VC FG = vicinity fog)* |
| VCY | Vicinity |
| VDF | Very high frequency direction-finding station |
| VER | Vertical |
| VFG* | VFR Flight Guide *(in VFR Manual)* |
| VFR | Visual flight rules |
| VHF | Very high frequency (30 to 300 MHz) |
| VIS | Visibility |
| VLF | Very low frequency (3 to 30 kHz) |
| VMC | Visual meteorological conditions |
| VNAV† | Vertical navigation (to be pronounced “VEE-NAV”) |
| VOLMET† | Meteorological information for aircraft in flight |
| VOR | VHF omnidirectional radio range |
| VORTAC† | VOR and TACAN combination |
| VOT | VOR airborne equipment test facility |
| VPT | Visual manoeuvre with prescribed track |
| VRB | Variable |
| VSP | Vertical speed |
| VTOL | Vertical take-off and landing |

## W

| | |
|---|---|
| W | West *or* western longitude |
| W | White |
| WAC | World Aeronautical Chart ICAO 1:1 000 000 (followed by name/title) |
| WAFC | World area forecast centre |
| WB | Westbound |
| 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 |
| WID | Width |
| WIE | With immediate effect *or* effective |

| | |
|---|---|
| | immediately |
| WILCO† | Will comply |
| WIP | Work in progress |
| WKN | Weaken *or* weakening |
| WNW | West-north-west |
| WO | Without |
| WPT | Way-point |
| WRNG | Warning |
| WS | Wind shear |
| WSW | west-south-west |
| WT | Weight |
| WX | Weather |

**X**

| | |
|---|---|
| X | Cross |
| X* | FRA horizontal exit point |
| XBAR | Crossbar (of approach lighting system) |
| XNG | Crossing |

**Y**

| | |
|---|---|
| Y | Yellow |
| YCZ | Yellow caution zone (runway lighting) |
| YR | Your |

**Z**

| | |
|---|---|
| Z | Coordinated universal time *(in meteorological messages)* |