

**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

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

|             |                                                                                                |          |                                                                 |
|-------------|------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------|
| ATN         | Aeronautical telecommunication network                                                         | CCA      | or CCB, CCC, etc. in sequence, Corrected meteorological message |
| ATS         | Air traffic services                                                                           | CD       | Candela                                                         |
| ATZ         | Aerodrome traffic zone                                                                         | CDR*     | Conditional route                                               |
| AUG         | August                                                                                         | CF       | Change frequency to                                             |
| AUTH        | Authorize or authorization                                                                     | CGL      | Circling guidance light(s)                                      |
| AUW         | All up weight                                                                                  | CH       | Channel                                                         |
| AVBL        | Available                                                                                      | CHEM*    | Chemical                                                        |
| AVGAS†      | Aviation gasoline                                                                              | CHG      | Modification ( <i>message type designator</i> )                 |
| AWY         | Airway                                                                                         |          |                                                                 |
| AZM         | Azimuth                                                                                        | CI       | Cirrus                                                          |
| <b>B</b>    |                                                                                                | CIDIN†   | Common ICAO data interchange network                            |
| B           | Blue                                                                                           | CIV      | Civil                                                           |
| BA          | Braking action                                                                                 | CK       | Check                                                           |
| BASE†       | Cloud base                                                                                     | CL       | Centre line                                                     |
| BARO-VNAV*† | Barometric vertical navigation (to be pronounced "BAA-RO-VEE-NAV")                             | CLD      | Cloud                                                           |
| BAZL*       | Federal Office of Civil Aviation (FOCA, OFAC, UFAC)                                            | CLG      | Calling                                                         |
| BCFG        | Fog patches                                                                                    | CLR      | Clear or cleared to or clearance                                |
| BCN         | Beacon ( <i>aeronautical ground light</i> )                                                    | CLSD     | Close or closed or closing                                      |
| BCST        | Broadcast                                                                                      | CM [cm]  | Centimetre                                                      |
| BDRY        | Boundary                                                                                       | CMB      | Climb to or climbing to                                         |
| BFR         | Before                                                                                         | CMPL     | Completion or completed or complete                             |
| BKN         | Broken                                                                                         | CNL      | Cancel or cancelled                                             |
| BL ...      | Blowing ( <i>follow by DU = dust, SA = sand or SN = snow</i> )                                 | CNL      | Flight plan cancellation ( <i>message type designator</i> )     |
| BLDG        | Building                                                                                       | CNS      | Communications, navigation and surveillance                     |
| BLO         | Below clouds                                                                                   | COM      | Communications                                                  |
| BLW         | Below...                                                                                       | CONC     | Concrete                                                        |
| BOMB        | Bombing                                                                                        | COND     | Condition                                                       |
| BR          | Mist                                                                                           | CONS     | Continuous                                                      |
| BRG         | Bearing                                                                                        | CONST    | Construction or constructed                                     |
| BRKG        | Braking                                                                                        | CONT     | Continue(s) or continued                                        |
| B-RNAV*†    | Basic RNAV*†                                                                                   | COORD    | Coordinates                                                     |
| BS          | Commercial broadcasting station                                                                | COP      | Change-over point                                               |
| BTN         | Between                                                                                        | COR      | Correct or corrected or correction                              |
| BUFR*       | Binary universal form for the representation of meteorological data                            | COTSENA* | (= KOSIF)                                                       |
|             |                                                                                                | COTSINA* | (= KOSIF)                                                       |
|             |                                                                                                | COV      | Cover or covered or covering                                    |
|             |                                                                                                | CPDLC    | Controller-pilot data link communications                       |
| <b>C</b>    |                                                                                                | CPL      | Current flight plan ( <i>message type designator</i> )          |
| C [°C]      | Degrees Celsius                                                                                | CRS*     | Course                                                          |
| C           | Centre ( <i>runway identification</i> )                                                        | CRZ      | Cruise                                                          |
| CAG*        | General Aviation Centre (GAC)                                                                  | CS       | Call sign                                                       |
| CAT         | Clear air turbulence                                                                           | CS       | Cirrostratus                                                    |
| CAT         | Category ( <i>in CAT I, II, III operations</i> )                                               | CTA      | Control area                                                    |
| CAVOK†      | Visibility, cloud and present weather better than prescribed values or conditions (KAV-OH-KAY) | CTAM     | Climb to and maintain                                           |
| CB          | (to be pronounced „CEE BEE“) Cumulonimbus                                                      | CTC      | Contact                                                         |
| CBA*        | Cross border area                                                                              | CTL      | Control                                                         |
| CC          | Cirrocumulus                                                                                   | CTN      | Caution                                                         |
|             |                                                                                                | CTR      | Control zone                                                    |
|             |                                                                                                | CU       | Cumulus                                                         |
|             |                                                                                                | CUST     | Customs                                                         |
|             |                                                                                                | CWY      | Clearway                                                        |

| <b>D</b>  |                                                                              |            |                                                                                            |
|-----------|------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------|
| D...      | Danger area ( <i>followed by identification</i> )                            | EET        | Estimated elapsed time                                                                     |
| D         | Downward ( <i>tendency in RVR during previous 10 minutes</i> )               | EFB*       | Electronic flight bag                                                                      |
| D*        | FRA departure connecting point                                               | EFC        | Expect further clearance                                                                   |
| DA        | Decision altitude                                                            | EFVS*      | Enhanced flight vision systems                                                             |
| DABS*     | Daily Airspace Bulletin Switzerland                                          | EFVS-A*    | EFVS approach                                                                              |
| DCT       | Direct ( <i>in relation to flight plan clearances and type of approach</i> ) | EFVS-L*    | EFVS landing                                                                               |
| DEC       | December                                                                     | ELBA†      | Emergency location beacon-aircraft                                                         |
| DEG [°]   | Degrees                                                                      | ELEV       | Elevation                                                                                  |
| DEL*      | Delivery, issuance (ATC clearance)                                           | ELT        | Emergency location transmitter                                                             |
| DEP       | Depart or departure                                                          | EM         | Emission                                                                                   |
| DEP       | Departure ( <i>message type designator</i> )                                 | EMBD       | Embedded in a layer ( <i>to indicate cumulonimbus embedded in layers of other clouds</i> ) |
| DEPO*     | Deposition                                                                   | EMERG      | Emergency                                                                                  |
| DER       | Departure end of the runway                                                  | En*        | English                                                                                    |
| DES       | Descend to or descending to                                                  | END        | Stop-end ( <i>related to RVR</i> )                                                         |
| DEST      | Destination                                                                  | ENE        | East-north-east                                                                            |
| DETRESFA† | Distress phase                                                               | ENG        | Engine                                                                                     |
| DEV       | Deviation or deviating                                                       | ENR        | En route                                                                                   |
| DFTI      | Distance from touchdown indicator                                            | EOBT       | Estimated off-block time                                                                   |
| DH        | Decision height                                                              | EQPT       | Equipment                                                                                  |
| DIF       | Diffuse                                                                      | ENRC       | Enroute chart                                                                              |
| DIST      | Distance                                                                     | ENRC-FRA*  | Enroute chart -Free Route Airspace                                                         |
| DIV       | Divert or diverting                                                          | ESE        | East-south-east                                                                            |
| DLA       | Delay or delayed                                                             | EST        | Estimate or estimated or estimation ( <i>message type designator</i> )                     |
| DME       | Distance measuring equipment                                                 | ETA        | Estimated time of arrival or estimating arrival                                            |
| DNG       | Danger or dangerous                                                          | ETD        | Estimated time of departure or estimating departure                                        |
| do/id.*   | ditto/idem                                                                   | ETE*       | Summer ( <i>summer time period</i> )                                                       |
| DOC*      | Designated operational coverage (range and height)                           | ETO        | Estimated time over significant point                                                      |
| DOM       | Domestic                                                                     | EUR RODEX* | European regional OPMET data exchange                                                      |
| DP        | Dew point temperature                                                        | EV         | Every                                                                                      |
| DPT       | Depth                                                                        | EVS*       | Enhanced vision system                                                                     |
| DR        | Dead reckoning                                                               | EXC        | Except                                                                                     |
| DR ...    | Low drifting ( <i>follow by DU = dust, SA = sand or SN = snow</i> )          | EXER       | Exercise(s) or exercising or to exercise                                                   |
| DRG       | During                                                                       | EXP        | Expect or expected or expecting                                                            |
| DS        | Duststorm                                                                    | EXTD       | Extend or extending                                                                        |
| DTAM      | Descend to and maintain                                                      | <b>F</b>   |                                                                                            |
| DTG       | Date-time group                                                              | F          | Fixed                                                                                      |
| DTHR      | Displaced runway threshold                                                   | FAC        | Facilities                                                                                 |
| DTW       | Dual tandem wheels                                                           | FAF        | Final approach fix                                                                         |
| DU        | Dust                                                                         | FAL        | Facilitation of international air transport                                                |
| DUC       | Dense upper cloud                                                            | FAP        | Final approach point                                                                       |
| DUR       | Duration                                                                     | FATO       | Final approach and take-off area                                                           |
| DVOR      | Doppler VOR                                                                  | FAX        | Facsimile transmission                                                                     |
| DW        | Dual wheels                                                                  | FCST       | Forecast                                                                                   |
| DZ        | Drizzle                                                                      | FCT        | Friction coefficient                                                                       |
| <b>E</b>  |                                                                              | FEB        | February                                                                                   |
| E         | East or eastern longitude                                                    | FG         | Fog                                                                                        |
| E*        | FRA horizontal entry point                                                   | FIC        | Flight information centre                                                                  |
| EAT       | Expected approach time                                                       | FIR        | Flight information region                                                                  |
| EB        | Eastbound                                                                    |            |                                                                                            |

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|            |                                                              |           |                                                                                        |
|------------|--------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------|
| ILS        | Instrument landing system                                    | LIM       | Light intensity medium                                                                 |
| IM         | Inner marker                                                 | LM        | Locator, middle                                                                        |
| IMC        | Instrument meteorological conditions                         | LMT       | Local mean time                                                                        |
| IMG        | Immigration                                                  | LNAV      | Lateral navigation                                                                     |
| INA        | Initial approach                                             | LO        | Locator, outer                                                                         |
| INBD       | Inbound                                                      | LOC       | Localizer                                                                              |
| INCERFA†   | Uncertainty phase                                            | LONG [°]  | Longitude                                                                              |
| INFO†      | Information                                                  | LOSS      | Airspeed or headwind loss                                                              |
| INOP       | Inoperative                                                  | LPV       | Localizer performance with vertical guidance                                           |
| INS        | Inertial navigation system                                   | LT*       | Swiss time/local time                                                                  |
| INT        | Intersection                                                 | LTD       | Limited                                                                                |
| INTL       | International                                                | LTP       | Landing threshold point                                                                |
| INTST      | Intensity                                                    | LTT       | Landline teletypewriter                                                                |
| IR         | Ice on runway                                                | LV        | Light and variable ( <i>relating to wind</i> )                                         |
| ISA        | International standard atmosphere                            | LVE       | Leave or leaving                                                                       |
| It*        | Italian                                                      | LVL       | Level                                                                                  |
| <b>J</b>   |                                                              | LVO*      | Low visibility operations                                                              |
| JAA*       | Joint Aviation Authorities                                   | LVP       | Low visibility procedures                                                              |
| JAN        | January                                                      | <b>M</b>  |                                                                                        |
| JTST       | Jet stream                                                   | M [m]     | Metres ( <i>preceded by figures</i> )                                                  |
| JUL        | July                                                         | M         | Mach number ( <i>followed by figures</i> )                                             |
| JUN        | June                                                         | MA*       | Chart of air masses                                                                    |
| <b>K</b>   |                                                              | MAA       | Maximum authorized altitude                                                            |
| KG [kg]    | Kilograms                                                    | MAG       | Magnetic                                                                               |
| KHZ [kHz]  | Kilohertz                                                    | MAINT     | Maintenance                                                                            |
| KM [km]    | Kilometres                                                   | MAP       | Aeronautical maps and charts                                                           |
| KMH [km/h] | Kilometres per hour                                          | MAPT      | Missed approach point                                                                  |
| KOSIF*     | Coordination office for firings and safety of air navigation | MAR       | March                                                                                  |
| KPA [kPa]  | Kilopascal                                                   | MAX       | Maximum                                                                                |
| KT [kt]    | Knots                                                        | MAY       | May                                                                                    |
| KW [kw]    | Kilowatts                                                    | MCA       | Minimum crossing altitude                                                              |
| <b>L</b>   |                                                              | MDA       | Minimum descent altitude                                                               |
| L          | Left ( <i>runway identification</i> )                        | MDH       | Minimum descent height                                                                 |
| L          | Litre                                                        | MEA       | Minimum en-route altitude                                                              |
| L          | Locator (LO)                                                 | MEHT      | Minimum eye height over threshold ( <i>for VAS/S</i> )                                 |
| LAT [°]    | Latitude                                                     | MET†      | Meteorological or meteorology                                                          |
| LC*        | Landing chart                                                | METAR†    | Aerodrome routine meteorological report ( <i>in aeronautical meteorological code</i> ) |
| LCA        | Locally or local or location or located                      | MF        | Medium frequency (300 to 3'000 kHz)                                                    |
| LDA        | Landing distance available                                   | MHZ [MHz] | Megahertz                                                                              |
| LDAH       | Landing distance available, helicopter                       | MID       | Mid-point ( <i>related to RVR</i> )                                                    |
| LDG        | Landing                                                      | MIL       | Military                                                                               |
| LDI        | Landing direction indicator                                  | MIN [min] | Minutes                                                                                |
| LED*       | Light-emitting diode                                         | MKR       | Marker radio beacon                                                                    |
| LEN        | Length                                                       | MLAT*     | Multilateration                                                                        |
| LF         | Low frequency (30 to 300 kHz)                                | MLS       | Microwave landing system                                                               |
| LFHK*      | Chart of Air Navigation Obstacles (ONAV)                     | MM        | Middle marker                                                                          |
| LFN*       | Low Flight Network                                           | MNM       | Minimum                                                                                |
| LGT        | Light or lighting                                            | MNT       | Monitor or monitoring or monitored                                                     |
| LGTD       | Lighted                                                      | MOA       | Military operating area                                                                |
| LIH        | Light intensity high                                         | MOC       | Minimum obstacle clearance ( <i>required</i> )                                         |
| LIL        | Light intensity low                                          | MOCA      | Minimum obstacle clearance altitude                                                    |

|           |                                                                                                                                                                                                                                                      |          |                                                                                          |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------|
| MON       | Monday                                                                                                                                                                                                                                               | OAS      | Obstacle assessment surface                                                              |
| MPS [m/s] | Metres per second                                                                                                                                                                                                                                    | OBS      | Observe <i>or</i> observed <i>or</i> observation                                         |
| MRA       | Minimum reception altitude                                                                                                                                                                                                                           | OBST     | Obstacle                                                                                 |
| MRP       | ATS/MET reporting point                                                                                                                                                                                                                              | OCA      | Obstacle clearance altitude                                                              |
| MS        | Minus                                                                                                                                                                                                                                                | OCC      | Occulting ( <i>light</i> )                                                               |
| MSA       | Minimum sector altitude                                                                                                                                                                                                                              | OCH      | Obstacle clearance height                                                                |
| MSG       | Message                                                                                                                                                                                                                                              | OCNL     | Occasional <i>or</i> occasionally                                                        |
| MSL       | Mean sea level                                                                                                                                                                                                                                       | OCS      | Obstacle clearance surface                                                               |
| MT        | Mountain                                                                                                                                                                                                                                             | OCT      | October                                                                                  |
| MTOM*     | Maximum take-off mass                                                                                                                                                                                                                                |          |                                                                                          |
| MWO       | Meteorological watch office                                                                                                                                                                                                                          | OFAC*    | Federal Office of Civil Aviation (BAZL, FOCA, UFAC)                                      |
| <b>N</b>  |                                                                                                                                                                                                                                                      | OHD      | Overhead                                                                                 |
| N         | North <i>or</i> northern latitude                                                                                                                                                                                                                    | OM       | Outer marker                                                                             |
| N         | No distinct tendency ( <i>in RVR during previous 10 minutes</i> )                                                                                                                                                                                    | ONAV*    | Air Navigation Obstacle Chart including Glider Flying Information (LFHK)                 |
| NAT       | North Atlantic                                                                                                                                                                                                                                       | OPMET†   | Operational meteorological ( <i>information</i> )                                        |
| NAV       | Navigation                                                                                                                                                                                                                                           | OPN      | Open <i>or</i> opening <i>or</i> opened                                                  |
| NB        | Northbound                                                                                                                                                                                                                                           | OPR      | Operator <i>or</i> operate <i>or</i> operative <i>or</i> operating <i>or</i> operational |
| NBFR      | Not before                                                                                                                                                                                                                                           | OPS†     | Operations                                                                               |
| NC        | No change                                                                                                                                                                                                                                            | O/R      | On request                                                                               |
| NDB       | Non-directional radio beacon                                                                                                                                                                                                                         | OTS      | Organized track system                                                                   |
| NE        | North-east                                                                                                                                                                                                                                           | OUBD     | Outbound                                                                                 |
| NEB       | North-eastbound                                                                                                                                                                                                                                      |          |                                                                                          |
| NEG       | No <i>or</i> negative <i>or</i> permission not granted <i>or</i> that is not correct                                                                                                                                                                 | <b>P</b> |                                                                                          |
| NGT       | Night                                                                                                                                                                                                                                                | P ...    | Prohibited area ( <i>followed by identification</i> )                                    |
| NIL†      | None <i>or</i> I have nothing to send to you                                                                                                                                                                                                         | PALS     | Precision approach lighting system ( <i>specify CAT</i> )                                |
| NM [M]    | Nautical miles                                                                                                                                                                                                                                       | PANS     | Procedures for air navigation services                                                   |
| NML       | Normal                                                                                                                                                                                                                                               | PAPI†    | Precision approach path indicator                                                        |
| NN        | No name, unnamed                                                                                                                                                                                                                                     | PAR      | Precision approach radar                                                                 |
| NNE       | North-north-east                                                                                                                                                                                                                                     | PARL     | Parallel                                                                                 |
| NNW       | North-north-west                                                                                                                                                                                                                                     | PAX      | Passengers                                                                               |
| NOF       | International NOTAM office                                                                                                                                                                                                                           | PBN      | Performance-based navigation                                                             |
| NOSIG†    | No significant change ( <i>used in trend-type landing forecasts</i> )                                                                                                                                                                                | PCD      | Proceed <i>or</i> proceeding                                                             |
| NOTAM†    | A notice containing information concerning the establishment, condition <i>or</i> change in any aeronautical facility, service, procedure <i>or</i> hazard, the timely knowledge of which is essential to personnel concerned with flight operations | PCN      | Pavement classification number                                                           |
| NOV       | November                                                                                                                                                                                                                                             | PDG      | Procedure design gradient                                                                |
| NR        | Number                                                                                                                                                                                                                                               | PER      | Performance                                                                              |
| NRH       | No reply heard                                                                                                                                                                                                                                       | PERM     | Permanent                                                                                |
| NS        | Nimbostratus                                                                                                                                                                                                                                         | PJE      | Parachute jumping exercise                                                               |
| NSC       | Nil significant cloud                                                                                                                                                                                                                                | PLN      | Flight plan                                                                              |
| NSW       | Nil significant weather                                                                                                                                                                                                                              | PLVL     | Present level                                                                            |
| NVFR*     | VFR by night                                                                                                                                                                                                                                         | PN       | Prior notice required                                                                    |
| NW        | North-west                                                                                                                                                                                                                                           | POB      | Persons on board                                                                         |
| NWB       | North-westbound                                                                                                                                                                                                                                      | POSS     | Possible                                                                                 |
| <b>O</b>  |                                                                                                                                                                                                                                                      | PPI      | Plan position indicator                                                                  |
| OACI*     | ICAO                                                                                                                                                                                                                                                 | PPR      | Prior permission required                                                                |
|           |                                                                                                                                                                                                                                                      | PPSN     | Present position                                                                         |
|           |                                                                                                                                                                                                                                                      | PRI      | Primary                                                                                  |
|           |                                                                                                                                                                                                                                                      | PRKG     | Parking                                                                                  |
|           |                                                                                                                                                                                                                                                      | P-RNAV*† | Precision RNAV                                                                           |
|           |                                                                                                                                                                                                                                                      | PROB†    | Probability                                                                              |

|          |                                                                               |            |                                                                                             |
|----------|-------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|
| PROC     | Procedure                                                                     | ERTE       | Re-route                                                                                    |
| PROV     | Provisional                                                                   | RESA       | Runway end safety area                                                                      |
| PS       | Plus                                                                          | RETIL*     | Rapid Exit Taxiway Indicator Lights                                                         |
| PSG      | Passing                                                                       | RF         | Constant radius arc to a fix                                                                |
| PSN      | Position                                                                      | RFP*       | Replacement or replaced flight plan                                                         |
| PSP      | Pierced steel plank                                                           | RG         | Range (lights)                                                                              |
| PTN      | Procedure turn                                                                | RGL*       | Runway Guard Light                                                                          |
| PTS      | Polar track structure                                                         | RIF        | Reclearance in flight                                                                       |
| PWR      | Power                                                                         | RL         | Report leaving                                                                              |
| <hr/>    |                                                                               | RLA        | Relay to...                                                                                 |
| <b>Q</b> |                                                                               | RLLS       | Runway lead-in lighting system                                                              |
| QDM      | Magnetic heading ( <i>zero wind</i> )                                         | RMK        | Remark                                                                                      |
| QDR      | Magnetic bearing                                                              | RMZ        | Radio Mandatory Zone                                                                        |
| QFE      | Atmospheric pressure at aerodrome elevation ( <i>or at runway threshold</i> ) | RNAV†      | Area navigation (to be pronounced AR NAV)                                                   |
| QFU      | Magnetic orientation of runway                                                | RNG        | Radio range                                                                                 |
| QNH      | Altimeter sub-scale setting to obtain elevation when on the ground            | RNP        | Required navigation performance                                                             |
| QTE      | True bearing                                                                  | ROBEX†     | Regional OPMET bulletin exchange (scheme)                                                   |
| <hr/>    |                                                                               | ROC        | Rate of climb                                                                               |
| <b>R</b> |                                                                               | ROD        | Rate of descent                                                                             |
| R        | Red                                                                           | RON        | Receiving only                                                                              |
| R        | Right ( <i>Runway identification</i> )                                        | RPI        | Reference path identifier                                                                   |
| R ...    | Restricted area ( <i>followed by identification</i> )                         | RPL        | Repetitive flight plan                                                                      |
| R ...*   | VOR Radial ( <i>followed by number of degrees</i> )                           | RPLC       | Replace or replaced                                                                         |
| RA       | Rain                                                                          | RPS        | Radar position symbol                                                                       |
| RAC      | Rules of the air and air traffic services                                     | RR         | Report reaching                                                                             |
| RAD*     | Route Availability Document                                                   | RRA        | ( <i>or RRB, RRC, etc. in sequence</i> )                                                    |
| RAFC*    | Regional area forecast centre                                                 | RSC        | Delayed meteorological message ( <i>message type designator</i> )                           |
| RB       | Rescue boat                                                                   | RSCD       | Rescue sub-centre                                                                           |
| RCC      | Rescue coordination centre                                                    | RSP        | Runway surface condition                                                                    |
| RCF      | Radiocommunication failure ( <i>message type designator</i> )                 | RTD        | Responder beacon                                                                            |
| RCH      | Reach or reaching                                                             | RTE        | Delayed ( <i>used to indicate delayed meteorological message; message type designator</i> ) |
| RCL      | Runway centre line                                                            | RTF        | Route                                                                                       |
| RCLL     | Runway centre line light(s)                                                   | RTG        | Radiotelephone                                                                              |
| RCLR     | Recleared                                                                     | RTHL       | Radiotelegraph                                                                              |
| RCP      | Required communication performance                                            | RTIL*      | Runway threshold light(s)                                                                   |
| RDH      | Reference datum height                                                        | RTS        | Runway threshold identification light(s)                                                    |
| RDL      | Radial                                                                        | RTT        | Return to service                                                                           |
| RDO      | Radio                                                                         | RTZL       | Radioteletypewriter                                                                         |
| RE ...   | Recent ( <i>used to qualify weather phenomena, e.g. RERA = recent rain</i> )  | RUT        | Runway touchdown zone light(s)                                                              |
| REC      | Receive or receiver                                                           | RV         | Standard regional route transmitting frequencies                                            |
| REDL     | Runway edge light(s)                                                          | RVR        | Rescue vessel                                                                               |
| REF      | Reference to... or refer to...                                                | RVSM       | Runway visual range                                                                         |
| REG      | Registration                                                                  | RWY        | Reduced vertical separation minimum                                                         |
| RENL     | Runway end light(s)                                                           |            | Runway                                                                                      |
| REP      | Report or reporting or reporting point                                        | <hr/>      |                                                                                             |
| REQ      | Request or requested                                                          | <b>S</b>   |                                                                                             |
|          |                                                                               | S          | South or southern latitude                                                                  |
|          |                                                                               | S1 - S5*   | Ground service                                                                              |
|          |                                                                               | SA CAT I*  | Special authorisation category I                                                            |
|          |                                                                               | SA CAT II* | Special authorisation category II                                                           |
|          |                                                                               | SALS       | Simple approach lighting system                                                             |

|          |                                                                                                                                                                                                                                  |        |                                                                             |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------|
| SAN      | Sanitary                                                                                                                                                                                                                         | SRE    | Surveillance radar element of                                               |
| SAR      | Search and rescue                                                                                                                                                                                                                |        | precision approach radar system                                             |
| SARPS    | Standards and Recommended Practices (ICAO)                                                                                                                                                                                       | SRG    | Short range                                                                 |
| SAT      | Saturday                                                                                                                                                                                                                         | SRR    | Search and rescue region                                                    |
| SB       | Southbound                                                                                                                                                                                                                       | SRY    | Secondary                                                                   |
| SBAS†    | Satellite-based augmentation system (to be pronounced "ESS-BAS")                                                                                                                                                                 | SS     | Sunset                                                                      |
|          |                                                                                                                                                                                                                                  | SSB    | Single sideband                                                             |
| SC       | Stratocumulus                                                                                                                                                                                                                    | SSE    | South-south-east                                                            |
| SCT      | Scattered                                                                                                                                                                                                                        | SSR    | Secondary surveillance radar                                                |
| SE       | South-east                                                                                                                                                                                                                       | SST    | Supersonic transport                                                        |
| SEB      | South-eastbound                                                                                                                                                                                                                  | SSW    | South-south-west                                                            |
| SEC [s]  | Seconds                                                                                                                                                                                                                          | ST     | Stratus                                                                     |
| SECT     | Sector                                                                                                                                                                                                                           | STA    | Straight-in approach                                                        |
| SELCAL†  | Selective calling system                                                                                                                                                                                                         | STAR†  | Standard instrument arrival                                                 |
| SEP      | September                                                                                                                                                                                                                        | STD    | Standard                                                                    |
| SER      | Service <i>or</i> servicing <i>or</i> served                                                                                                                                                                                     | STN    | Station                                                                     |
| SFC      | Surface                                                                                                                                                                                                                          | STOL   | Short take-off and landing                                                  |
| SFR*     | Special flight route                                                                                                                                                                                                             | STS    | Status                                                                      |
| SG       | Snow grains                                                                                                                                                                                                                      | STWL   | Stopway light(s)                                                            |
| SGL      | Signal                                                                                                                                                                                                                           | SUBJ   | Subject to                                                                  |
| SH ...   | Showers ( <i>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</i> )                                            | SUN    | Sunday                                                                      |
|          |                                                                                                                                                                                                                                  | SUP    | Supplement ( <i>AIP Supplement</i> )                                        |
|          |                                                                                                                                                                                                                                  | SVC    | Service message                                                             |
|          |                                                                                                                                                                                                                                  | SVCBL  | Serviceable                                                                 |
|          |                                                                                                                                                                                                                                  | SVFR*  | Special VFR                                                                 |
|          |                                                                                                                                                                                                                                  | SVID*  | Standard visual/instrument departure                                        |
|          |                                                                                                                                                                                                                                  |        |                                                                             |
| SHF      | Super high frequency (3'000 to 30'000 MHz)                                                                                                                                                                                       | SW     | South-west                                                                  |
|          |                                                                                                                                                                                                                                  | SWB    | South-westbound                                                             |
| SID†     | Standard instrument departure                                                                                                                                                                                                    | SWY    | Stopway                                                                     |
| SIGMET†  | Information concerning en-route weather phenomena which may affect the safety of aircraft operations                                                                                                                             |        |                                                                             |
|          |                                                                                                                                                                                                                                  |        | <b>T</b>                                                                    |
| SIWL     | Single isolated wheel load                                                                                                                                                                                                       | T      | Temperature                                                                 |
| SKED     | Schedule <i>or</i> scheduled                                                                                                                                                                                                     | ...T   | True ( <i>preceded by a bearing to indicate reference to True North</i> )   |
| SLP      | Speed limiting point                                                                                                                                                                                                             | TA     | Transition altitude                                                         |
| SMR      | Surface movement radar                                                                                                                                                                                                           | TACAN† | UHF tactical air navigation aid                                             |
| SN       | Snow                                                                                                                                                                                                                             | TAF†   | Aerodrome forecast                                                          |
| SNOWTAM† | A special series NOTAM notifying the presence <i>or</i> removal of hazardous conditions due to snow, ice, slush <i>or</i> standing water associated with snow, slush and ice on the movement area, by means of a specific format | TAIL†  | Tail wind                                                                   |
|          |                                                                                                                                                                                                                                  | TAS    | True airspeed                                                               |
| SPEC†    | Aviation selected special weather report ( <i>in aeronautical meteorological code</i> )                                                                                                                                          | TAX    | Taxiing <i>or</i> taxi                                                      |
|          |                                                                                                                                                                                                                                  | TC     | Terminal control centre*                                                    |
| SPECIAL† | Local special meteorological report ( <i>in abbreviated plain language</i> )                                                                                                                                                     | TCU    | Towering cumulus                                                            |
|          |                                                                                                                                                                                                                                  | TDZ    | Touchdown zone                                                              |
| SPL      | Supplementary flight plan ( <i>message type designator</i> )                                                                                                                                                                     | TEL    | Telephone                                                                   |
|          |                                                                                                                                                                                                                                  | TEMPO† | Temporary <i>or</i> temporarily                                             |
| SPOC     | SAR point of contact                                                                                                                                                                                                             | TFC    | Traffic                                                                     |
| SPOT†    | Spot wind                                                                                                                                                                                                                        | TGL*   | Temporary guidance leaflet                                                  |
| SQ       | Squall                                                                                                                                                                                                                           | TGS    | Taxiing guidance system                                                     |
| SR       | Sunrise                                                                                                                                                                                                                          | THR    | Threshold                                                                   |
| SRA      | Surveillance radar approach                                                                                                                                                                                                      | THRU   | Through                                                                     |
|          |                                                                                                                                                                                                                                  | THU    | Thursday                                                                    |
|          |                                                                                                                                                                                                                                  | TIL†   | Until                                                                       |
|          |                                                                                                                                                                                                                                  | TIP    | Until past... (place)                                                       |
|          |                                                                                                                                                                                                                                  | TKOF   | Take-off                                                                    |
|          |                                                                                                                                                                                                                                  | TL ... | Till ( <i>followed by time by which weather change is forecast to end</i> ) |
|          |                                                                                                                                                                                                                                  |        |                                                                             |
|          |                                                                                                                                                                                                                                  | TLOF   | Touchdown and lift-off area                                                 |



[illegible]

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|        |                                                       |
|--------|-------------------------------------------------------|
|        | 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 <i>or</i> effective from             |
| WGS-84 | World Geodetic System-1984                            |
| WID    | Width                                                 |
| WIE    | With immediate effect <i>or</i> effective immediately |
| WILCO† | Will comply                                           |
| WIP    | Work in progress                                      |
| WKN    | Weaken <i>or</i> weakening                            |
| WNW    | West-north-west                                       |
| WO     | Without                                               |
| WPT    | Way-point                                             |
| WRNG   | Warning                                               |
| WS     | Wind shear                                            |
| WSW    | west-south-west                                       |
| WT     | Weight                                                |
| WX     | Weather                                               |

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**X**

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

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**Y**

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

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**Z**

|   |                                                                     |
|---|---------------------------------------------------------------------|
| Z | Coordinated universal time<br>( <i>in meteorological messages</i> ) |
|---|---------------------------------------------------------------------|