

## ABBREVIATIONS USED IN AERONAUTICAL INFORMATION PRODUCTS

## A

	A	Amber.
*	A	Autonomous.
*	(A)	FRA arrival connecting point.
	A/A	Air-to-air.
*	A-DPI	ATC Departure Planning Information.
	AAIM	Aircraft autonomous integrity monitoring.
	AAL	Above aerodrome level.
*	ABAS	Aircraft-based augmentation system.
*	ABL	Apron border line.
	ABN	Aerodrome beacon.
	ABV	Above.
*	A/C	Air conditioning.
	ACAS	Airborne collision avoidance system.
	ACC	Area control centre or area control.
	ACCID	Notification of an aircraft accident.
	ACFT	Aircraft.
	ACL	Altimeter check location.

	<b>ACT</b>	Active or activated or activity.
	<b>AD</b>	Aerodrome.
	<b>ADA</b>	Advisory area.
	<b>ADC</b>	Aerodrome chart.
	<b>ADF</b>	Automatic direction-finding equipment.
	<b>ADIZ</b>	Air defence identification zone.
*	<b>ADQ</b>	Aeronautical data quality.
	<b>ADR</b>	Advisory route.
	<b>ADS</b>	Automatic dependent surveillance.
*	<b>ADT</b>	Approved departure time.
	<b>ADVS</b>	Advisory service.
*	<b>AFI</b>	Indian Ocean-Africa región.
	<b>AFIL</b>	Flight plan filed in the air.
	<b>AFIS</b>	Aerodrome flight information service.
*	<b>AFISO</b>	Aerodrome Flight Information Service Officer.
	<b>AFS</b>	Aeronautical fixed service.
	<b>AFT</b>	After... (time or place).
	<b>AFTN</b>	Aeronautical fixed telecommunication network.
	<b>A/G</b>	Air-to-ground.

	<b>AGL</b>	Above ground level.
	<b>AIC</b>	Aeronautical information circular.
	<b>AIM</b>	Aeronautical information management.
*	<b>AIM</b>	ATFM information message.
*	<b>AIO</b>	Aeronautical information office.
	<b>AIP</b>	Aeronautical information publication.
	<b>AIRAC</b>	Aeronautical information regulation and control.
	<b>AIREP</b>	Air-report.
	<b>AIS</b>	Aeronautical information service.
	<b>ALERFA</b>	Alert phase.
	<b>ALR</b>	Alerting (message type designator).
	<b>ALRS</b>	Alerting service.
	<b>ALS</b>	Approach lighting system.
	<b>ALT</b>	Altitude.
	<b>ALTN</b>	Alternate (aerodrome) or alternating (light alternates in colour).
*	<b>AM</b>	Military aerodrome.
	<b>AMA</b>	Area minimum altitude.
*	<b>AMC</b>	Airspace management cell.
	<b>AMDT</b>	AIP amendment.

	<b>AMS</b>	Aeronautical mobile service.
	<b>AMSL</b>	Above mean sea level.
	<b>AMSS</b>	Aeronautical mobile satellite service.
*	<b>ANM</b>	ATFM Notification Message.
*	<b>ANSP</b>	Air Navigation Service Provider.
	<b>AO</b>	Aircraft operator.
	<b>AOC</b>	Aerodrome obstacle chart.
	<b>AP</b>	Airport.
	<b>APAPI</b>	Abbreviated precision approach path indicator.
*	<b>APATC-1</b>	Allied publication of Air Traffic Control. Manoeuvres of military design.
	<b>APCH</b>	Approach.
	<b>APN</b>	Apron.
*	<b>APP/H</b>	Approach control service up to FL250 and 50 NM.
*	<b>APP/I</b>	Approach control service up to FL150 and 40 NM.
*	<b>APP/L</b>	Approach control service up to FL100 and 25 NM.
	<b>APP</b>	Approach control office or approach control service.
	<b>APR</b>	April.
	<b>APRX</b>	Approximate or approximately.
	<b>APU</b>	Auxiliary power unit.

	<b>APV</b>	Approach procedure with vertical guidance.
	<b>ARCC</b>	Aeronautical rescue coordination centre.
	<b>ARO</b>	Air traffic services reporting office.
	<b>ARP</b>	Aerodrome reference point.
	<b>ARR</b>	Arrive or arrival.
	<b>ARR</b>	Arrival (message type designator)
	<b>ASAP</b>	As soon as possible.
	<b>ASC</b>	Ascend to or ascending to.
*	<b>ASC</b>	Airspace classification.
	<b>ASDA</b>	Accelerate-stop distance available.
	<b>ASPH</b>	Asphalt.
*	<b>ASR</b>	Aerodrome surveillance radar.
	<b>ATA</b>	Actual time of arrival.
	<b>ATC</b>	Air traffic control (in general).
	<b>ATCSMAC</b>	Air traffic control surveillance minimum altitude chart.
	<b>ATD</b>	Actual time of departure.
	<b>ATFM</b>	Air Traffic Flow Management.
*	<b>ATFCM</b>	Air traffic flow capacity management.
	<b>ATIS</b>	Automatic terminal information service.

	<b>ATM</b>	Air traffic management.
	<b>ATS</b>	Air traffic service.
	<b>ATZ</b>	Aerodrome traffic zone.
	<b>AUG</b>	August.
*	<b>AUP</b>	Airspace Use Plan.
	<b>AUTO</b>	Automatic.
	<b>AUW</b>	All up weight.
*	<b>AVASIS</b>	Abbreviated visual approach slope indicator system.
	<b>AVBL</b>	Available or availability.
	<b>AVGAS</b>	Aviation gasoline.
	<b>AWOS</b>	Automated Weather Observation System.
	<b>AWY</b>	Airway.
	<b>AZM</b>	Azimuth.

## B

	<b>B</b>	Blue.
*	<b>BA</b>	Air base.
	<b>BA</b>	Braking action.
	<b>BCN</b>	Beacon (aeronautical ground light).
	<b>BCST</b>	Broadcast.

	<b>BDRY</b>	Boundary.
	<b>BFR</b>	Before.
*	<b>BH</b>	Helicopters base.
	<b>BLDG</b>	Building.
	<b>BLW</b>	Below.
*	<b>BN</b>	Naval base.
	<b>BRG</b>	Bearing.
*	<b>B-RNAV</b>	Basic area navigation.
	<b>BS</b>	Commercial broadcasting station.
	<b>BTN</b>	Between.

## C

*	<b>C</b>	8.33 channel.
*	<b>C</b>	Centre (runway identification).
	<b>C</b>	Degrees celsius (Centigrade).
*	<b>CBA</b>	Cross-border area.
*	<b>C.I.</b>	Fire fighting.
*	<b>C-DPI</b>	Cancellation of Departure Planning Information.
	<b>CA</b>	Course to an altitude.
	<b>CAA</b>	Civil Aviation Authority or Administration.

*	CADF	Centralized airspace data function.
*	CAG	General air traffic.
*	CAO	Operational air traffic.
*	CARR	Arrival routes Chart OIFR/OVFR corridors.
*	CASA	Computer assisted slot allocation system.
	CAT	Category.
	CAVOK	Visibility, cloud and present weather better than prescribed values or conditions.
*	CB FRA	Cross-border Free Route Airspace.
*	CCAA	Autonomous Region.
	CCO	Continuous climb operations.
*	CCM	Morning civil twilight.
*	CCV	Evening civil twilight.
*	CCW	Anti-clockwise.
*	CDA	Continuous descent arrival.
*	CDA	DCL Read-back Message.
*	CDEP	Departure routes Chart OIFR/OVFR corridors.
*	CDI	Course deviation indicator
	CDO	Continuous descent operations.
	CDR	Conditional route.

*	CECOA	Aerodrome coordination centre.
	CF	Course to a fix.
	CGL	Circling guidance light.
	CH	Channel.
	CHG	Modification (message type designator).
	CIDIN	Common ICAO data interchange network.
	CIV	Civil.
	CL	Centre line.
	CLBR	Calibration.
	CLD	Clouds.
*	CLD	DCL Cleared Message.
	CLR	Clear(s) or cleared to or clearance.
*	CLR	Clearance Delivery.
	CLSD	Close or closed or closing.
	CM	Centimetre(s).
	CNL	Cancel or cancelled, flight plan cancellation (message type designator).
	CNS	Communications, navigation and surveillance.
	CONC	Concrete.
	COND	Condition.

*	CONV	Conventional.
	COOR	Coordinate or coordination.
	COORD	Coordinates.
	COP	Change over point.
	COV	Cover or covered or covering
	CPDLC	Controller-pilot data link communications.
	CPL	Current flight plan (message type designator).
*	CPVD	Prevention and watch defence centre.
	CRZ	Cruise.
	CTA	Control area.
	CTL	Control.
	CTN	Caution.
*	CTOT	Calculated take-off time.
	CTR	Control zone.
	CUST	Customs.
*	CW	Clockwise.
	CWY	Clearway.

## D

	D...	Danger area (followed by identification).
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*	(D)	FRA departure connecting point.
	DA	Decision altitude.
*	DAT	Significant data relating to data link capacity, using one or several of these letters: S, H, V and M.
	DCKG	Docking.
*	DCL	Data link departure clearance.
	DCT	Direct (in relation to flight plan clearances and type of approach).
	DEC	December.
	DEG	Degrees.
	DEP	Depart or departure (message type designator).
	DER	Departure end of the runway.
	DES	Descend to or descending to.
	DEST	Destination.
	DETRESFA	Distress phase.
	DEV	Deviation or deviating.
*	DF	Direct to a fix.
	DFTI	Distance from touch-down indicator.
	DH	Decision height.
*	DIM	Dimensions.
	DIST	Distance.

	DLA	Delay or delayed.
	DLA	Delay (message type designator).
*	DLS	Data link service.
	DLY	Daily.
	DME	Distance measuring equipment.
	DNG	Danger or dangerous.
	DNP	Non-preferential Take off.
	DOF	Date of flight.
	DOM	Domestic.
*	DPI	Departure Planning Information.
*	DPN	Designated points.
	DPT	Depth.
	DR	Dead reckoning.
	DRG	During.
	DTHR	Displaced runway threshold.
	DTG	Date-time group.
	DUR	Duration.
	DVOR	Doppler VOR.

E

	<b>E</b>	East or Eastern longitude.
*	<b>(E)</b>	FRA horizontal entry point.
*	<b>EA</b>	Air and Space Force.
	<b>EAT</b>	Expected approach time.
	<b>EB</b>	Eastbound.
*	<b>ECAC</b>	European civil aviation conference.
*	<b>ECAO</b>	Operative air traffic squadron.
	<b>EDTO</b>	Extended diversion time operations.
	<b>EET</b>	Estimated elapsed time.
	<b>EGNOS</b>	European Geostationary Navigation Overlay Service.
*	<b>EGPWS</b>	Enhanced Ground Proximity Warning Systems.
	<b>EHF</b>	Extremely high frequency (30.000 to 300.000 MHz).
	<b>ELBA</b>	Emergency location beacon for aircraft.
	<b>ELEV</b>	Elevation.
*	<b>EMAE</b>	Aeronautical Meteorological Station.
	<b>EM</b>	Emission.
	<b>EMERG</b>	Emergency.
*	<b>EN</b>	English.
	<b>ENE</b>	East-north-east.

*	ENR	En-route AIP section.
	ENR	En-route.
	EOBT	Estimated off-block time.
	EQPT	Equipment.
*	ES	Spanish.
*	ESA	Emergency safe altitude.
*	ESCAO	Operative air traffic squadron.
	ESE	East-south-east.
*	ESPORTFRA	Spain and Portugal Cross-Border Free Route Airspace.
	EST	Estimate or estimated or estimation (message type designator).
	ETA	Estimated time of arrival or estimating arrival at...
	ETD	Estimated time of departure or estimating departure at...
*	ETFMS	Enhanced tactical flow management system.
	ETO	Estimated time over significant point.
*	EUR	European region.
	EV	Every.
	EXC	Except.
	EXER	Exercise(s) or exercising or to exercise.

F

	F	Fixed.
	FAC	Facilities.
	FAF	Final approach fix.
*	FANS	Future air navigation systems.
	FAP	Final approach point.
	FAS	Final approach segment.
	FATO	Final approach and take-off area for helicopters.
*	FAWP	Final approach waypoint.
*	FBO	Fixed-base operator.
*	FBZ	Flight plan Buffer Zone.
	FCST	Forecast.
	FCT	Friction coefficient.
	FEB	February.
	FIC	Flight information centre.
	FIR	Flight information region.
	FIS	Flight information service.
*	FIX	Fixed position.
*	FIZ	Flight information zone.
	FL	Flight level.

	<b>FLD</b>	Field.
	<b>FLG</b>	Flashing.
	<b>FLR</b>	Flares.
*	<b>FLS</b>	Flight Suspension (message type designator).
	<b>FLT</b>	Flight.
	<b>FM</b>	From.
	<b>FM</b>	Course from a fix to manual termination (used in navigation database coding).
*	<b>FMD</b>	Flow management division.
*	<b>FMP</b>	Flow management position.
	<b>FMS</b>	Flight management system.
	<b>FMU</b>	Flow management unit.
	<b>FNA</b>	Final approach.
*	<b>FOD</b>	Foreign Object Debris.
*	<b>FPL</b>	Filed flight plan (message type designator).
	<b>FPL</b>	Flight plan.
	<b>FPM</b>	Feet per minute.
*	<b>FPMZ</b>	Flight plan submission mandatory zone.
*	<b>FRA</b>	Free Route Airspace.
	<b>FREQ</b>	Frequency.

	<b>FRI</b>	Friday.
	<b>FRNG</b>	Firing.
*	<b>FSM</b>	Flight System Message.
*	<b>FSS</b>	Full Flight Simulator.
	<b>FST</b>	First.
	<b>FT (FT)</b>	Feet (dimensional unit).
	<b>FTP</b>	Fictitious threshold point.
*	<b>FUA</b>	Flexible use of airspace.



## G

	<b>G</b>	Green.
	<b>GA</b>	General aviation.
	<b>G/A</b>	Ground-to-air.
	<b>G/A/G</b>	Ground-to-air and air-to ground.
*	<b>GAT</b>	General air traffic.
	<b>GBAS</b>	Ground-based augmentation system.
	<b>GCA</b>	Ground controlled approach system or ground controlled approach.
	<b>GEN</b>	General.
	<b>GEO</b>	Geographic or true.
*	<b>GMC</b>	Ground movement control.

	<b>GMC</b>	Ground movement chart.
	<b>GND</b>	Ground.
	<b>GNSS</b>	Global navigation satellite system.
	<b>GOV</b>	Government.
	<b>GP</b>	Glide path.
	<b>GPS</b>	Global positioning system.
	<b>GPU</b>	Ground power unit.
	<b>GPWS</b>	Ground Proximity Warning Systems.
*	<b>GRF</b>	Global Reporting Format for runway surface conditions.
	<b>GRVL</b>	Gravel.
	<b>GS</b>	Ground speed.

## H

	<b>H24</b>	Continuous day and night service.
	<b>HAPI</b>	Helicopter approach path indicator.
	<b>HDF</b>	High frequency direction-finding station.
	<b>HDG</b>	Heading.
	<b>HEL</b>	Helicopter.
*	<b>HELC</b>	Heliport chart.
	<b>HF</b>	High frequency (3000 to 30,000 kHz).

	HGT	Height or height above.
*	HIRL	High intensity runway lights (Military/STANAG).
	HJ	Sunrise to sunset.
*		
	HLDG	Holding.
	HLP	Heliport.
	HM	Holding/racetrack to a manual termination.
*	HM	Military heliport.
	HN	Sunset to sunrise.
	HO	Service available to meet operational requirements.
	HOL	Holiday.
	HOSP	Hospital aircraft.
	HPA	Hectopascal.
*	HPMA	High performance military aircraft.
	HR	Hours.
*	HRP	Heliport reference point.
	HS	Service available during hours of scheduled operations.
	HURCN	Hurricane.
	HVDF	High and very high frequency direction-finding stations.

	HVY	Heavy.
	HX	No specific working hours.
	HZ	Haze.
	HZ	Hertz (cycle per second).

*	I	Winter (Seasonal period).
*	(I)	FRA Intermediate point.
	IAC	Instrument approach chart.
	IAF	Initial approach fix.
	IAR	Intersection of air routes.
	IAS	Indicated air speed.
*	IAWP	Initial approach waypoint.
	IBN	Identification beacon.
	ICAO	International Civil Aviation Organization.
	ID	Identifier or identify.
	IDENT	Identification.
	IF	Intermediate approach fix.
	IFF	Identification friend/foe.
*	IFPS	Integrated initial flight plan processing system.

*	IFPU	IFPS Unit.
	IFR	Instrument flight rules.
	IGA	International general aviation.
	ILS	Instrument landing system.
	IM	Inner marker.
	IMC	Instrument meteorological conditions.
	INA	Initial approach.
	INBD	Inbound.
	INCERFA	Uncertainty phase.
	INFO	Information.
	INS	Inertial navigation system.
	INSTL	Install or installed or installation.
	INSTR	Instrument.
	INT	Intersection.
	INTL	International.
*	IRU	Inertial reference unit.

## J

*	JAA	Joint aviation authorities.
	JAN	January.

	<b>JUL</b>	July.
	<b>JUN</b>	June.

**K**

	<b>KG (KG)</b>	Kilogrames.
	<b>KHZ (KHZ)</b>	Kilohertz.
	<b>KM (KM)</b>	Kilometres.
	<b>KMH (KM/H)</b>	Kilometres per hour.
	<b>KPA (KPA)</b>	Kilopascal.
	<b>KT (KT)</b>	Knots.
	<b>KW (KW)</b>	Kilowatts.

**L**

	<b>L</b>	Left (Runway identification).
	<b>L</b>	Locator (See LM, LO).
	<b>L</b>	Litre.
	<b>LAT</b>	Latitude.
	<b>LCA</b>	Local or locally or location or located.
*	<b>LCA</b>	ILS critical area.
*	<b>LCL</b>	Local.
	<b>LDA</b>	Landing distance available.

	LDAH	Landing distance available for helicopters.
	LDG	Landing.
	LDI	Landing direction indicator.
	LEN	Length.
	LF	Low frequency (30 to 300 kHz).
	LGT	Light or lighting.
	LGTD	Lighted.
	LIH	Light intensity high.
	LIL	Light intensity low.
	LIM	Light intensity medium.
*	LL:	Lateral limits.
*	LLZ	Localizer.
	LM	Locator, middle.
	LMT	Local mean time.
	LNAV	Lateral navigation.
	LO	Locator, outer.
	LOC	Localizer.
	LONG	Longitude.
	LORAN	LORAN (Long range air navigation system).

*	LP	Localizer performance.
	LPV	Localizer performance with vertical guidance.
*	LRR	Long range radar.
*	LSA	ILS sensible area.
*	LT	Local time.
	LTD	Limited.
	LTP	Landing threshold point.
	LVL	Level.
	LVP	Low visibility procedures.

## M

*	M (M)	Metres.
	M	Mach number (followed by figures).
	MAA	Maximum authorized altitude.
	MAG	Magnetic.
*	MAHWP	Missed approach holding waypoint.
	MAINT	Maintenance.
	MAPT	Missed approach point.
	MAR	March.
*	MASPS	Minimum aircraft system performance specification.

*	<b>MATWP</b>	Missed approach turning waypoint.
	<b>MATZ</b>	Military aerodrome traffic zone.
	<b>MAX</b>	Maximum.
	<b>MAY</b>	May.
*	<b>MAWP</b>	Missed approach waypoint.
	<b>MCA</b>	Minimum crossing altitude.
	<b>MCW</b>	Modulated continuous wave.
	<b>MDA</b>	Minimum descent altitude.
	<b>MDF</b>	Medium frequency direction-finding station.
	<b>MDH</b>	Minimum descent height.
	<b>MEA</b>	Minimum en-route altitude.
	<b>MEHT</b>	Minimum eye height over threshold (for visual approach slope indicator systems).
	<b>MET</b>	Meteorological or meteorology.
	<b>METAR</b>	Aviation routine weather report (in aeronautical meteorological code).
	<b>MF</b>	Medium frequency (300 to 3000 kHz).
	<b>MHA</b>	Minimum holding altitude.
	<b>MHDF</b>	Medium and high frequency direction finding stations (at the same location).
	<b>MHVDF</b>	Medium, high and very high frequency direction-finding stations (at the same location).
	<b>MHZ (MHZ)</b>	Megahertz.

	<b>MID</b>	Mid-point (related to RVR).
	<b>MIL</b>	Military.
*	<b>MILAIS</b>	Military aeronautical information service.
*	<b>MILNOF</b>	Military NOTAM office.
*	<b>MILNOTAM</b>	Military NOTAM.
	<b>MIN</b>	Minutes.
*	<b>MIPS</b>	Military Instrument Procedure Standardization.
	<b>MKR</b>	Marker radio beacon.
	<b>MLS</b>	Microwave landing system.
	<b>MM</b>	Middle marker.
	<b>MNM</b>	Minimum.
	<b>MNPS</b>	Minimum navigation performance specifications.
	<b>MNTN</b>	Maintain.
	<b>MO</b>	Stopbar.
	<b>MOA</b>	Military operating area.
	<b>MOC</b>	Minimum obstacle clearance (required).
	<b>MOCA</b>	Minimum obstacle clearance altitude.
	<b>MON</b>	Monday.
*	<b>MOTNE</b>	Meteorological operational telecommunications network Europe.

	<b>MOV</b>	Move or moving or movement.
*	<b>MPH (MPH)</b>	Miles per hour.
	<b>MPS (M/S)</b>	Metres per second.
	<b>MRA</b>	Minimum reception altitude.
	<b>MRG</b>	Medium range.
*	<b>MRR</b>	Medium range radar.
	<b>MSA</b>	Minimum sector altitude.
	<b>MSG</b>	Message.
	<b>MSL</b>	Mean sea level.
*	<b>MSRH</b>	Horizontal radar separation minimum.
	<b>MSSR</b>	Monopulse secondary surveillance radar.
*	<b>MTOW</b>	Maximum take-off weight.
	<b>MTU</b>	Metric units.
	<b>MVDF</b>	Medium and very high frequency direction-finding stations (at the same locations).

## N

	<b>N</b>	North or northern latitude.
*	<b>NACL</b>	National.
	<b>NAT</b>	North Atlantic.
	<b>NAV</b>	Navigation.

	<b>NAVAID</b>	Navigation aid.
	<b>NB</b>	Northbound.
	<b>NDB</b>	Non-directional radio beacon.
	<b>NE</b>	North-east.
	<b>NEB</b>	North-eastbound.
*	<b>NEQ</b>	Net explosive quantity.
	<b>NGT</b>	Night.
	<b>NIL</b>	None or I have nothing to send to you.
	<b>NM</b>	Nautical miles.
*	<b>NM</b>	Network Manager.
	<b>NML</b>	Normal.
	<b>NNE</b>	North-north-east.
	<b>NNW</b>	North-north-west.
*	<b>NO_ADQ</b>	Aeronautical data which does not comply with european quality regulations.
	<b>NOF</b>	International NOTAM office.
	<b>NONSTD</b>	Non-standard.
	<b>NOTAM</b>	A notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations.
	<b>NOTAMC</b>	Cancelling NOTAM.
	<b>NOTAMN</b>	New NOTAM.

	NOTAMR	Replacing NOTAM.
	NOV	November.
	NPA	Non-precision approach procedure.
	NR	Number.
	NTL	National.
*	NU	Not usable.
	NW	North-west.
	NWB	North-westbound.
	NXT	Next.

## O

*	O	Orange.
	OAC	Oceanic area control centre.
	OAS	Obstacle assessment surface.
*	OAT	Operational air traffic.
	OBST	Obstacle.
	OCA	Obstacle clearance altitude.
	OCA	Oceanic control area.
	OCC	Occulting (light).
*	OCC	Operation Control Center.

	<b>OCH</b>	Obstacle clearance height.
*	<b>OCL</b>	Obstacle clearance limit.
	<b>OCS</b>	Obstacle clearance surface.
	<b>OCT</b>	October.
*	<b>ODP</b>	Omnidirectional departure procedure.
	<b>OFZ</b>	Obstacle free zone.
*	<b>OIFR</b>	Operative instrument flight rules.
	<b>OIS</b>	Obstacle identification surface.
	<b>OM</b>	Outer marker.
*	<b>OMAE</b>	Aerodrome Meteorological Office.
*	<b>OMD</b>	Defence meteorological office.
	<b>OPMET</b>	Operational meteorological information.
	<b>OPN</b>	Open or opening or opened.
	<b>OPR</b>	Operator or operate or operative or operating or operational.
	<b>OPS</b>	Operations.
*	<b>OPV</b>	Flight plan military office.
	<b>O/R</b>	On request.
*	<b>O/T</b>	Other times.
	<b>OUBD</b>	Outbound.

*	OVFR	Operative visual flight rules.
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## P

	P..	Prohibited area (followed by identification).
	PA	Precision approach procedure.
	PALS	Precision approach lighting system (specify category).
	PANS	Procedures for air navigation services.
	PAPI	Precision approach path indicator.
	PAR	Precision approach radar.
	PATC	Precision approach terrain chart.
	PAX	Passenger(s).
	PBN	Performance-based navigation.
	PCN	Pavement classification number.
*	PDC	Parking docking chart.
	PDG	Procedure design gradient.
	PER	Performance.
	PERM	Permanent.
*	PEV	Traveller entry point.
	PIB	Pre-flight Information Bulletin.
*	PIF	Border inspection post (BIP).

	PJE	Parachute jumping exercises.
	PN	Prior notice required.
*	PN.	National Park.
	PNR	Point of no return.
	POB	Persons on board.
	PROB	Probability.
	PROP	Propeller.
	PPR	Prior permission required.
	PRI	Primary.
	PRKG	Parking.
*	PRKG	Aircraft stand.
*	P-RNAV	Precision area navigation.
	PROC	Procedure.
	PROV	Provisional.
	PS	Plus.
	PSN	Position.
	PSR	Primary surveillance radar.
	PTN	Procedure turn.
	PWR	Power.

## Q

	<b>QDM</b>	Magnetic heading (zero wind).
	<b>QDR</b>	Magnetic bearing.
	<b>QFE</b>	Atmospheric pressure at aerodrome elevation (or at runway threshold).
	<b>QFU</b>	Magnetic orientation of runway.
	<b>QNH</b>	Altimeter sub-scale setting to obtain elevation when on the ground.

## R

	<b>R</b>	Right (runway identification).
	<b>R...</b>	Radial from VOR (followed by three figures).
	<b>R</b>	Red.
*	<b>R</b>	Towed.
	<b>R...</b>	Restricted area (followed by identification).
*	<b>RA</b>	Approach heading.
*	<b>RAD</b>	Route availability document.
*	<b>RAFC</b>	Regional area forecast centre.
	<b>RAG</b>	Ragged.
	<b>RAI</b>	Runway alignment indicator.
	<b>RAIM</b>	Receiver autonomous integrity monitoring.
*	<b>RALT</b>	En-route alternate aerodrome(s) name.

*	RCA	Air traffic regulations.
*	RCAO	Operative air traffic regulations.
*	RCD	DCL Request.
	RCL	Runway centre line.
	RCLL	Runway centre line lights.
	RCP	Required communication performance.
*	RCR	Runway Condition Report.
	RDH	Reference datum height (ILS).
	RDL	Radial.
	REDL	Runway edge lights.
	REF	Reference to ... or refer to ...
	REG	Registration.
	REP	Report or reporting or reporting point.
	REQ	Request or requested.
	RESA	Runway end safety area.
*	RET	Rapid exit taxiway.
*	RETIL	Rapid exit taxiway indicator lights.
	RFFS	Rescue and fire fighting services.
*	RFP	Replacement flight plan.

	<b>RG</b>	Range (lights).
	<b>RIF</b>	Reclearance in flight.
	<b>RLLS</b>	Runway lead-in lighting system.
	<b>RMK</b>	Remark.
*	<b>RMZ</b>	Radio mandatory zone
	<b>RNAV</b>	Area navigation.
	<b>RNG</b>	Radio range.
	<b>RNP</b>	Required navigation performance.
	<b>ROC</b>	Rate of climb.
	<b>ROD</b>	Rate of descent.
*	<b>RPAS</b>	Remotely Piloted Aircraft Systems.
	<b>RPL</b>	Repetitive flight plan.
	<b>RPLC</b>	Replace or replaced.
*	<b>RPM</b>	Revolutions per minute.
	<b>RQP</b>	Request flight plan (message type indicator).
	<b>RQS</b>	Request supplementary flight plan (message type indicator).
	<b>RSC</b>	Rescue sub-centre.
	<b>RSP</b>	Required surveillance performance.
	<b>RSP</b>	Responder beacon.

	<b>RSR</b>	En-route surveillance radar.
	<b>RTE</b>	Route.
	<b>RTF</b>	Radiotelephone.
	<b>RTG</b>	Radiotelegraph.
	<b>RTHL</b>	Runway threshold lights.
	<b>RTODAH</b>	Rejected take-off distance available for helicopters.
	<b>RTZL</b>	Runway touch down zone lights.
	<b>RVA</b>	Radar vectoring area.
	<b>RVR</b>	Runway visual range.
	<b>RVSM</b>	Reduced vertical separation minimum between FL290 and FL410.
	<b>RWY</b>	Runway.

## S

	<b>S</b>	South or southern latitude.
*	<b>SACCAN</b>	Canarias ADS/CPDLC system.
	<b>SALS</b>	Simple approach lighting system.
	<b>SAR</b>	Search and rescue.
	<b>SARPS</b>	Standards and Recommended Practices (ICAO).
	<b>SAT</b>	Saturday.
	<b>SATCOM</b>	Satellite communication (Used only when referring generally to both voice and data satellite communication or only data satellite communication).

*	<b>SATMA</b>	South Atlantic Monitoring Agency.
	<b>SB</b>	Southbound.
	<b>SBAS</b>	Satellite-based augmentation system.
	<b>SDF</b>	Step down fix.
*	<b>SDP</b>	Apron management service.
	<b>SE</b>	South-east.
	<b>SEB</b>	South-eastbound.
	<b>SEC (SG)</b>	Seconds.
	<b>SECT</b>	Sector.
*	<b>SEI</b>	Fire fighting service.
	<b>SELCAL</b>	Selective calling system.
	<b>SEP</b>	September.
	<b>SER</b>	Service(s) or servicing or served.
*	<b>SERA</b>	Standardised European Rules of the Air.
	<b>SFC</b>	Surface.
*	<b>SFL</b>	Sequence flashing lights.
	<b>SGL</b>	Signal.
	<b>SHF</b>	Super high frequency (3,000 to 30,000 MHz).
	<b>SID</b>	Standard instrument departure.

	<b>SIF</b>	Selective identification feature.
	<b>SIGMET</b>	Information concerning en-route weather and other phenomena in the atmosphere that may affect the safety of aircraft operations.
*	<b>SIGWX</b>	Significant weather.
	<b>SIWL</b>	Single isolated wheel load.
	<b>SKED</b>	Schedule or scheduled.
*	<b>SLIU</b>	Threshold identification lights system.
	<b>SLP</b>	Speed limiting point.
	<b>SLW</b>	Slow.
	<b>SMC</b>	Surface movement control.
	<b>SMR</b>	Surface movement radar.
	<b>SNOWTAM</b>	A special series NOTAM given in a standard format providing a surface condition report notifying the presence or cessation of hazardous conditions due to snow, ice, slush, frost, standing water or water associated with snow, slush, ice or frost on the movement area.
*	<b>SOC</b>	Sector operational centres.
	<b>SPECI</b>	Aviation selected special weather report (in aeronautical meteorological code).
	<b>SPL</b>	Supplementary flight plan (message type designator).
	<b>SPOC</b>	SAR point of contact.
	<b>SPP</b>	Runway and apron service, signalmen.
	<b>SR</b>	Sunrise.
	<b>SRA</b>	Surveillance radar approach.
	<b>SRE</b>	Surveillance radar element of precision approach radar system.

*	SRH	Surveillance radar service up to FL250.
*	SRL	Surveillance radar service up to FL100.
	SRR	Search and rescue region.
*	SRS	Standard routeing scheme.
	SRY	Secondary.
	SS	Sunset.
	SSB	Single sideband.
	SSE	South-south-east.
	SSR	Secondary surveillance radar.
	SST	Supersonic transport aircraft.
	SSW	South-south-west.
	STA	Straight in approach.
	STAR	Standard instrument arrival.
	STD	Standard.
	STN	Station.
	STOL	Short take-off and landing.
	STWL	Stopway lights.
	SUBJ	Subject to.
	SUN	Sunday.

	<b>SUP</b>	Supplement to the AIP.
	<b>SUPPS</b>	Regional supplementary procedures.
	<b>SVC</b>	Service (message type only).
	<b>SVCBL</b>	Serviceable.
*	<b>SVFR</b>	Special VFR.
	<b>SW</b>	South-west.
	<b>SWB</b>	South westbound.
*	<b>SWL</b>	Single wheel load.
	<b>SWY</b>	Stopway.
*	<b>SYNOP</b>	Aviation routine weather report (in aeronautical meteorological code).

## T

	<b>T</b>	Temperature.
	<b>TA</b>	Transition altitude.
	<b>TACAN</b>	UHF tactical air navigation aid.
*	<b>TACC</b>	Terminal Area Control Centre.
*	<b>TACT</b>	Tactical system (former denomination of the current ETFMS).
	<b>TAF</b>	Aerodrome forecast.
	<b>TAR</b>	Terminal area surveillance radar.
	<b>TAS</b>	True airspeed.

	TAX	Taxiing or taxi.
*	TCAS	Traffic alert and Collision Avoidance System.
*	TCP	Transfer control point.
	TDA	Temporary danger area.
	TDZ	Touchdown zone.
	TEL	Telephone.
	TF	Track to fix.
	TFC	Traffic.
*	TGL	Temporary Guidance Leaflet.
	TGS	Taxiing guidance system.
	THR	Threshold.
	THU	Thursday.
	TIBA	Traffic information broadcast by aircraft.
	TIL	Until.
	TKOF	Take-off.
	TLOF	Touch-down and lift-off area for helicopters.
*	TLP	Tactical Leadership Programme.
*	TM (TM)	Metric ton.
	TMA	Terminal control area.

*	TMZ	Transponder mandatory zone.
	TNA	Turn altitude.
	TNH	Turn height.
	TO	To...(followed by place).
*	TOAM	Marshaller.
*	TOBT	Target Off-Blocks Time.
	TODA	Take-off distance available.
	TODAH	Take-off distance available for helicopters.
	TORA	Take-off run available.
	TP	Turning point.
	TR	Track.
	TRA	Temporary reserved airspace.
	TREND	Trend forecast.
	TRL	Transition level.
*	TSA	Temporary segregated area.
*	TSAT	Target Start-Up Approval Time.
*	TTOT	Target Take-Off Time.
	TUE	Tuesday.
	TVOR	Terminal VOR.

	<b>TWR</b>	Aerodrome control tower or aerodrome control.
	<b>TWY</b>	Taxiway.
	<b>TXL</b>	Taxilane.
	<b>TYP</b>	Type of aircraft

## U

	<b>UAC</b>	Upper area control centre.
	<b>UAR</b>	Upper air route.
	<b>UAS</b>	Unmanned aircraft systems.
	<b>UCW</b>	Undercarriage width (helicopters).
	<b>UDF</b>	Ultra high frequency directionfinding station.
	<b>UFN</b>	Until further notice.
	<b>UHF</b>	Ultra high frequency (300 to 3000 MHz).
	<b>UIC</b>	Upper information centre.
	<b>UIR</b>	Upper flight information region.
*	<b>UIS</b>	Flight information service in the upper airspace.
	<b>ULM</b>	Ultra light motorized aircraft.
	<b>ULR</b>	Ultra long range.
	<b>UNL</b>	Unlimited.
	<b>UNREL</b>	Unreliable.

	U/S	Unserviceable.
	UTA	Upper control area.
	UTC	Coordinated universal time.
*	UUP	Updated Airspace Use Plan.

## V

*	V	Summer (Seasonal period).
	VAC	Visual approach chart.
	VAR	Magnetic variation.
	VASIS	Visual approach slope indicator system.
	VDB	VHF data broadcast.
	VDF	Very high frequency directionfinding station.
*	VE	Except visual flight.
	VER	Vertical.
	VFR	Visual flight rules.
*	VFRN	Night visual flight rules.
	VHF	Very high frequency (30 to 300 MHz).
	VI	Heading to an intercept.
	VIP	Very important person.
	VIS	Visibility.

	VLF	Very low frequency (3 to 30 MHz).
	VLR	Very long range.
	VMC	Visual meteorological conditions.
	VNAV	Vertical navigation.
	VOL	Volume.
	VOLMET	Meteorological information for aircraft in flight.
	VOR	VHF omnidirectional radio range.
	VORTAC	VOR and TACAN combination.
	VPA	Vertical path angle.
	VPT	Visual manoeuvre with prescribed track.
	VSA	By visual reference to the ground.
	VSP	Vertical speed.
*	VSS	Visual segment surface.
	VTOL	Vertical take-off and landing.

## W

	W	West or western longitude.
	W	White.
	WAC	World Aeronautical Chart-ICAO 1:1.000.000.
	WB	Westbound.

	WBAR	Wing bar lights.
	WDI	Wind direction indicator.
	WED	Wednesday.
	WEF	With effect from or effective from.
	WI	Within.
	WID	Width.
	WIE	With immediate effect or effective immediately.
*	WITEM	Forecast upper wind and temperature for aviation.
	WIP	Work in progress.
	WNW	West-north west.
	WO	Without.
	WPT	Way-point.
	WRNG	Warning.
	WSW	West-south-west.
	WT	Weight.
	WX	Weather.

## X

*	(X)	FRA horizontal exit point.
	XBAR	Crossbar (of approach lighting system).

Y

	<b>Y</b>	Yellow.
	<b>YCZ</b>	Yellow caution zone (runway lighting).

Z

*	<b>ZNRVF</b>	No restricted area to photographic flights.
*	<b>ZRVF</b>	Restricted area to photographic flights.
*	<b>ZS</b>	Safety zone.

(\*) Not included in ICAO documentation.