

## 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.

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

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

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

**E**

	<b>E</b>	East or Eastern longitude.
--	----------	----------------------------

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

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

**F**

	<b>F</b>	Fixed.
	<b>FAC</b>	Facilities.

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

	FLR	Flares.
*	FLS	Flight Suspension (message type designator).
	FLT	Flight.
	FM	From.
*	FMD	Flow management division.
*	FMP	Flow management position.
	FMS	Flight management system.
	FMU	Flow management unit.
	FNA	Final approach.
*	FOD	Foreign Object Debris.
*	FPL	Filed flight plan (message type designator).
	FPL	Flight plan.
	FPM	Feet per minute.
*	FPMZ	Flight plan submission mandatory zone.
*	FRA	Free Route Airspace.
	FREQ	Frequency.
	FRI	Friday.
	FRNG	Firing.
*	FSM	Flight System Message.



*	FSS	Full Flight Simulator.
	FST	First.
	FT (FT)	Feet (dimensional unit).
	FTP	Fictitious threshold point.
*	FUA	Flexible use of airspace.

## G

	G	Green.
	GA	General aviation.
	G/A	Ground-to-air.
	G/A/G	Ground-to-air and air-to ground.
*	GAT	General air traffic.
	GBAS	Ground-based augmentation system.
	GCA	Ground controlled approach system or ground controlled approach.
	GEN	General.
	GEO	Geographic or true.
*	GMC	Ground movement control.
	GMC	Ground movement chart.
	GND	Ground.
	GNSS	Global navigation satellite system.

	GOV	Government.
	GP	Glide path.
	GPS	Global positioning system.
	GPU	Ground power unit.
	GPWS	Ground Proximity Warning Systems.
*	GRF	Global Reporting Format for runway surface conditions.
	GRVL	Gravel.
	GS	Ground speed.

## H

	H24	Continuous day and night service.
	HAPI	Helicopter approach path indicator.
	HDF	High frequency direction-finding station.
	HDG	Heading.
	HEL	Helicopter.
*	HELC	Heliport chart.
	HF	High frequency (3000 to 30,000 kHz).
	HGT	Height or height above.
*	HIRL	High intensity runway lights (Militar/STANAG).
	HJ	Sunrise to sunset.

*	HISPAFRA	Spanish Free Route Airspace.
	HLDG	Holding.
	HLP	Heliport.
*	HM	Military heliport.
	HN	Sunset to sunrise.
	HO	Service available to meet operational requeriments.
	HOL	Holiday.
	HOSP	Hospital aircraft.
	HPA	Hectopascal.
*	HPMA	High performance military aircraft.
	HR	Hours.
*	HRP	Heliport reference point.
	HS	Service available during hours of sheduled 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

*	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.
	JUL	July.
	JUN	June.

## K

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

L

	L	Left (Runway identification).
	L	Locator (See LM, LO).
	L	Litre.
	LAT	Latitude.
	LCA	Local or locally or location or located.
*	LCA	ILS critical area.
*	LCL	Local.
	LDA	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.
*	MATWP	Missed approach turning waypoint.
	MATZ	Military aerodrome traffic zone.
	MAX	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.

*	MILNOF	Military NOTAM office.
*	MILNOTAM	Military NOTAM.
	MIN	Minutes.
*	MIPS	Military Instrument Procedure Standardization.
	MKR	Marker radio beacon.
	MLS	Microwave landing system.
	MM	Middle marker.
	MNM	Minimum.
	MNPS	Minimum navigation performance specifications.
	MNTN	Maintain.
	MO	Stopbar.
	MOA	Military operating area.
	MOC	Minimum obstacle clearance (required).
	MOCA	Minimum obstacle clearance altitude.
	MON	Monday.
*	MOTNE	Meteorological operational telecommunications network Europe.
	MOV	Move or moving or movement.
*	MPH (MPH)	Miles per hour.
	MPS (M/S)	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.
	<b>NOTAMR</b>	Replacing NOTAM.
	<b>NOV</b>	November.
	<b>NPA</b>	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.
	OCH	Obstacle clearance height.
*	OCL	Obstacle clearance limit.
	OCS	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.
*	<b>OVFR</b>	Operative visual flight rules.

**P**

	<b>P..</b>	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.
*	P.N.	National Park.

	<b>PNR</b>	Point of no return.
	<b>POB</b>	Persons on board.
	<b>PROB</b>	Probability.
	<b>PROP</b>	Propeller.
	<b>PPR</b>	Prior permission required.
	<b>PRI</b>	Primary.
	<b>PRKG</b>	Parking.
*	<b>PRKG</b>	Aircraft stand.
*	<b>P-RNAV</b>	Precision area navigation.
	<b>PROC</b>	Procedure.
	<b>PROV</b>	Provisional.
	<b>PS</b>	Plus.
	<b>PSN</b>	Position.
	<b>PSR</b>	Primary surveillance radar.
	<b>PTN</b>	Procedure turn.
	<b>PWR</b>	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.
*	<b>RCA</b>	Air traffic regulations.
*	<b>RCAO</b>	Operative air traffic regulations.
*	<b>RCD</b>	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.
	RG	Range (lights).
	RIF	Reclearance in flight.
	RLLS	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.
*	<b>SRH</b>	Surveillance radar service up to FL250.
*	<b>SRL</b>	Surveillance radar service up to FL100.

	<b>SRR</b>	Search and rescue region.
*	<b>SRS</b>	Standard routeing scheme.
	<b>SRY</b>	Secondary.
	<b>SS</b>	Sunset.
	<b>SSB</b>	Single sideband.
	<b>SSE</b>	South-south-east.
	<b>SSR</b>	Secondary surveillance radar.
	<b>SST</b>	Supersonic transport aircraft.
	<b>SSW</b>	South-south-west.
	<b>STA</b>	Straight in approach.
	<b>STAR</b>	Standard instrument arrival.
	<b>STD</b>	Standard.
	<b>STN</b>	Station.
	<b>STOL</b>	Short take-off and landing.
	<b>STWL</b>	Stopway lights.
	<b>SUBJ</b>	Subject to.
	<b>SUN</b>	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.
	<b>TAX</b>	Taxiing or taxi.
*	<b>TCAS</b>	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.
	TWR	Aerodrome control tower or aerodrome control.
	TWY	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.
	<b>U/S</b>	Unserviceable.
	<b>UTA</b>	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).
	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

	Y	Yellow.
--	---	---------

	YCZ	Yellow caution zone (runway lighting).
--	-----	--

Z

*	ZNRVF	No restricted area to photographic flights.
*	ZRVF	Restricted area to photographic flights.
*	ZS	Safety zone.

(\*) Not included in ICAO documentation.