

## GEN 2.2 ABBREVIATIONS USED IN AERONAUTICAL INFORMATION PRODUCTS

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

A			
AAL	Above Aerodrome Level	AMA	Area minimum altitude
ABM	Abeam	AMDT	Amendment (AIP Amendment)
ABN	Aerodrome Beacon	AMS	Aeronautical mobile service
AC	Asphalt Concrete		
ACAS	Airborne Collision Avoidance System	AMSL	Above mean sea level
ACC	Area control centre or area control	ANC	Aeronautical chart -1:500 000
ACT	Active or activated or activity		
AD	Aerodrome	AOC	Aerodrome obstacle chart
ADA	Advisory Area	APANPIRG	Asia Pacific Air Navigation Planning and Implementation Regional Group
ADC	Aerodrome	APAPI	Abbreviated precision approach path indicator
ADF	Automatic direction-finding equipment	APCH	Approach
ADS-B	Automatic dependent surveillance — broadcast	APDC	Aircraft parking/docking chart
ADVS	Advisory service	APN	Apron
AFIS	Aerodrome flight information service	APP	Approach control office or approach control or approach control service
AFS	Aeronautical fixed service	APR	April
AFTN	Aeronautical fixed telecommunication network		
AGA	Aerodromes, air routes and ground aids	ARO	Air Traffic Reporting Office
AGL	Above Ground Level	ARC	Area Chart
AIC	Aeronautical information circular		
AIM	Aeronautical information management	ARP	Aerodrome reference point
AIMD	Aeronautical information management department		
AIP	Aeronautical Information Publication	ASDA	Accelerate stop distance available
AIRAC	Aeronautical information regulation and control	ASR*	Airport Service Radar
AIS	Aeronautical information services	ASHTAM	Special series NOTAM notifying by means of a specific format change in activity of a volcano, a volcanic eruption and/or volcanic ash cloud that is of significance to aircraft operations
ALA	Alighting area		
ALRS	Alerting service		
ALS	Approach lighting system	ASPH	Asphalt
ALT	Altitude	ATC	Air Traffic Control
		ATCSMAC	Air traffic control surveillance minimum altitude chart
		ATD	Actual time of departure
		ATFM	Air traffic flow management

ATIS	Automatic terminal information service	BTN	Between
ATM	Air traffic management		<b>C</b>
ATN	Aeronautical telecommunication network	C	Degrees Celsius (Centigrade)
ATS	Air traffic services	CAA	Civil Aviation Authority
ATSD	Air traffic service division*	CAAN*	Civil Aviation Authority of Nepal
ATSEP	Air traffic service electronic personnel*	CAR	Civil Aviation Requirements
ATTN	Attention	CAT	Category or clear air turbulence
ATZ	Aerodrome traffic zone	CAVOK	(to be pronounced "KAV- OH-KAY)" Visibility, cloud and present weather better than prescribed values or conditions
AUG	August		
AUTH	Authorised or Authorisation		
AUW	All up weight		
AUX	Auxiliary	CB, cc	Cumulonimbus, cirrocumulus
AVASIS	Abbreviated visual approach slope indicator system	CDN	Coordination (message type designator)
AVBL	Available or availability	CFM	Confirm or I confirm
AVG	Average	CH	Channel
AVGAS	Aviation gasoline	CHG*	Change or changed
AWOS	Automated Weather Observation System	CHG	Modification (Message)
AWY	Airway	CIP	Commercial important person
AZM	Azimuth	CIV	Civil
		CK	Check
	B	CL	Centre - line
B	Blue	CLBR	Calibration
BA	Braking Action	CLD	Cloud
BCN	Beacon (Aeronautical ground light)	CLG	Calling
BCST	Broadcast	CLR	Clears) or cleared to or clearance
BDRY	Boundary	CLSD	Close or closed or closing
BECMG	Becoming	CM	Centimeter
BFR	Before	CMB	Climber, climbing
BKN	Broken	CMPL	Completion or completed or complete
BLDG	Building	CNL	Cancel or cancelled or flight plan cancellation
BLW	Below	CNS	Communications navigations and surveillance
BOMB	Bombing	COM	Communication
BR	Mist	CONC	Concrete
BRF	Short (used to indicate the type of approach desired or required)	COND	Condition
BRG	Bearing	CWS	Controller Work Station
BRKG	Braking		
BS	Commercial broadcasting station		

CONST	Construction or constructed	DLA	Delay or Delayed or Delay message type
CONT	Continue or continued		
COOR	Co-ordinate or co-ordination	DLY	Daily
CORDS*	Coordinates		
COP	Change-over point	DME	Distance measuring equipment
COR	Correct or correction or corrected	DNG	Danger or dangerous
COV	Cover or covered or covering	DOC*	Documents
CPL	Current flight plan (message type designator)	DPT	Depth
		DR	Dead reckoning
CS	Call sign (used to request a call sign)	DRG	During
		DSB	Double sideband
CTA	Control area	DTAM	Descend to and maintain
CTAM	Climb to and maintain	DTG	Date-time group
CTC	Contact	DUR	Duration
CTL	Control	DVOR	Doppler VOR
CTN	Caution	DZ	Drizzle
CTR	Control zone		
COUST*	Customs		E
CW	Continuous wave	E	East or eastern longitude
CWY	Clearway	EAT	Expected approach time
		EB	East Bound
	D	EET	Estimated elapsed time
D	Danger area (followed by identification)	EFF*	Effective
DPI*	Decision altitude	ELBA	Emergency location beacon- aircraft
DB*	Decibel (noise level)	ELEV	Elevation
DCD	Double channel duplex	ELR	Extra long range
DCKG	Docking	EM	Emission
DCS	Double channel simplex	EMERG*	Emergency
DCT	Direct (in relation to flight plan clearances and type or approach)	E-MSSR*	En-route – Monopulse Secondary Surveillance Radar
DEC	December	EN*	English
DEG	Degree	ENE	East north east
DEP	Depart or departure (message type designator)	ENG	Engine
DES	Descend to or descending to	ENR	En-route
DEST	Destination	EOBT	Estimated off-block time
DETRESFA	Distress phase	EQPT	Equipment
DFTI	Distance from touchdown indicator	ERC*	En-route Chart
DGCA*	Director-General of Civil Aviation	ESE	East south east
DH	Decision height	EST	Estimated or estimated or Estimate (message type designator)
DISP*	Displaced	ETA	Estimated time of arrival or estimating arrival
DIS*	District	ETC*	Etcetera
DIST	Distance	ETD	Estimated time of departure or estimating departure
		ETO	Estimated time over significant point

EV	Every	FSS	Flight service station
EXC	Except	FST	First
EXER	Exercises or exercising or to exercise Exercises	FT	Feet (dimensional unit)
EXP	Expect or expected or expecting	FU	Smoke
EXTD	Extend or extending		G
	F	G	Green
F	Fixed or Degrees Fahrenheit	G/A	Ground-to-air
FAC	Facilities	G/A/G	Ground-to-air and air to ground
FAF	Final approach fix	GCA	Ground controlled approach system or ground controlled approach
FAL	Facilitation of international air transport	GEN	General
FAP	Final approach point	GEO	Geographic
FATO	Final Approach and Take-off area	GES	Ground earth station
FAX	Facsimile transmission	GLD	Glider
FCST	Forecast	GM*	General Manager
FCT	Friction coefficient	GND	Ground
FEB	February	GNDCK	Ground check
FG	Fog	GNSS	Global navigation satellite system
FIC	Flight information center	GP	Glide path
FIR	Flight information region	GPO*	General Post Office
FIS	Flight information services	GR	Hail
FL	Flight level	GRASS	Grass landing area
FIS	Flight information services	GRVL	Gravel
FL	Flight level	GS	Ground speed
FLG	Flashing		H
FLR	Flares	H*	Hours plus minutes past the hour
FLT	Flight	H24	Continuous day and night service
FLTCK	Flight check	HBN	Hazard beacon
FLUC	Fluctuating or fluctuation or fluctuated	HDF	High frequency direction- finding station
FLW	Follows or following	HDG	Heading
FM	From	HEL	Helicopter
FNA	Final approach	HEL-L*	Light helicopter (radius of action of 50 NM and capacity for evacuation one person)
FOD*	Flight Operations Division	HEL-M*	Medium helicopter (radius of action of 50 to 100 NM and capacity for evacuation 2-5 person)
FPL	Filed flight plan (message type designator)		
FPM	Feet per minute	HEL-H*	Heavy helicopter (radius of action of 50 to 100 NM and capacity for evacuation 2-5 persons)
FREQ	Frequency	HF	High Frequency (300 to 30000 KHZ)
FRI	Friday	HGT	Height or height above
FRNG	Firing	HIS	Horizontal Situation Indicator
FRQ	Frequent	HJ	Sunrise to sunset
FSL	Full stop landing		

HLDG	Holding	INTRP	Interrupt or interruption or interrupted
HN	Sunset to sunrise	INTSF	Intensify or intensifying
HO	Service available to meet operational requirements	INTST	Intensity or intensifying
HOL	Holiday	IR	Ice on Runway
HOSP	Hospital aircraft	IRS	Inertial Reference System
HPA	Hectopascal	ISA	International standard atmosphere
HQ*	Headquarters	ISB	Independent sideband
HR	Hours	ISOL	Isolated
HS	Service available during hours of scheduled operations	I/V*	Instrument / Visual
HX	No specific working hours	J	J
HYR	Higher	JAN	January
		J UL	July
		JUN	June
HZ	Hertz (cycle per second)		K
	I	KAM*	Kathmandu NDB coding
IAC	Instrument approach chart	KAT*	Kathmandu
IAF	Initial approach fix	KG	Kilogram
IAR	Intersection of air routes	KHZ	Kilohertz
IAS	Indicated air speed	KM	Kilometers
IBN	Identification beacon	KMH	Kilometers per hour
ICAO	International Civil Aviation Organization	KPA	Kilopascal
ID	Identifier or identify	KT	Knots
IDENT	Identification	KTM*	Kathmandu VOR coding
IF	Intermediate approach fix	K W	Kilowatts
IFR	Instrument flight rules		L
IGA	International general aviation	L	Left (Runway identification)
ILS	Instrument landing system	L	Locator (see LM, LO)
IM	Inner marker	LAT	Latitude
IMC	Instrument meteorological Conditions	LDA	Landing distance available
IMG	Immigration	LDG	Landing
IMPR	Improve or improving	LDI	Landing direction indicator
IMT	Immediate or immediately	LE*	Locator East
INA	Initial approach	LEN	Length
INBD	Inbound	LF	Low frequency (30 to 300 KHZ)
INCERFA	Uncertainty phase	LGT	Light or lighting
INFO	Information	LGTD	Lighted
INOP	Inoperative	LIH	Light intensity high
INP	If not possible	LIL	Light intensity low
INPR	In progress	LIM	Light intensity medium
INS	Inertial navigation system	LLZ	Localizer
INSTL	Install or installed or Installation	LM	Locator, middle
INSTR	Instrument	LNG	Long (used to indicate the type of approach)
INT	Intersection	LO	Locator, outer
INTL	International		
INTRG	Interrogator		

LOC	Local or locally or location or located	MNT	Monitor or monitoring or monitored
LONG	Longitude	MNTN	Maintain
LORAN	LORAN (Long range air navigation system);	MOC	Minimum obstacle clearance (required)
LRG	Long range	MOD	Moderate (used to qualify icing, turbulence)
LS*	Locator south	MON	Monday
LSQ*	Line squall		
LT*	Local time		
LTD	Limited	MOV	Move or moving or movement
LV	Light and variable (relating to wind)	MPS	Metres per second
LVL	Level	MRG	Medium range
LW	Locator West	MRP	ATS/MET reporting point
LYR	Layer or layered	MS	Minus
	M	MSA	Minimum sector altitude
M	Mach number or meters	MSG	Message
MAG	Magnetic	MSL	Mean sea level
MAINT	Maintenance	MSDPS	Multi Sensor Surveillance Data Processor
MAP	Aeronautical maps and charts	MSSR	Monopulse Secondary Surveillance Radar
MAPT	Missed approach point	MT	Mountain
MAR	March	MTU	Metric units
MAX	Maximum	MWO	Meteorological watch office
MAY	May	MVA*	Minimum vector altitude
MCA	Minimum crossing altitude		N
MCW	Modulated continuous wave	N	North or northern latitude
MDA	Minimum descent altitude	NAV	Navigation
MDH	Minimum descent height	NB	Northbound
MEA	Minimum en-route altitude	NC	No change
MEHT	Minimum eye height over threshold	NDB	Non-directional radio beacon
MET	Meteorological or meteorology	NE	North-East
		NEB	North-Eastbound
METAR	Aerodrome routine weather Report	NEG	No or Negative
MFA*	Minimum Flight Altitude	NGT	Night
MHZ	Megahertz	NIL	None or I have nothing to send to you
MIL	Military	NM	Nautical miles
MIN	Minutes	NML	Normal
MINDEF*	Ministry of Defense	NNE	North North east
MKR	Marker radio beacon	NNW	North North west
ML*	Statute miles	NOF	International NOTAM office
MLS	Microwave landing system	NOSIG	No significant change (used in forecasts)
MM	Middle marker		
MNM	Minimum	NOTAM	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.
MNPS	Minimum navigation performance specifications		

NOV	November	PARA*	Paragraph
NR	Number	PARL	Parallel
NS	Nimbostratus	PAX	Passengers
NSBS	Nepal Sainik Biman Sewa	PCN	Pavement classification number
NW	North-west	PER	Performance
NXT	Next	PERM	Permanent
NAC*	Nepal Airlines Corporation	PIB	Pre-flight information bulletin
	O	PIC*	Pilot in command
OAC	Oceanic area control centre	PJE	Parachute jumping exercise
OAS	Obstacle assessment surface	PLA	Practice low approach
OBS*	Omni bearing selector	PLN*	Flight plan
OBST	Obstacle	PN	Prior notice required
OBSTR*	Obstruction	PNR	Point of no return
OCA	Oceanic control area or Obstacle clearance altitude	POB	Persons on board
		POSS	Possible
OCC	Occulting (light)	PPI	Plan position indicator
OCH	Obstacle clearance height	PPR	Prior permission required
OCL*	Obstacle clearance limits	PRI	Primary
OCNL	Occasional or occasionally	PRKG	Parking
OCS	Obstacle clearance surface	PROB	Probability
OCT	October	PROC	Procedure
OM	Outer marker	PROV	Provisional
OPA	Opaque, white type of ice formation	PS	Plus
OPM*	Operation Manager	PSC*	Public Service Charge
OPMET	Operation Meteorological (information)	PSN	Position
OPN	Open or opening or Opened	PSP	Pierced steel plank
OPR	Operation or Operator or operative or operational	PSR	Primary surveillance radar
OPS	Operations	PT*	Point
O/R	On request	PTN	Procedure turn
OUBD	Outbound	PVT*	Private
OVC	Overcast	PWR	Power
	<b>P</b>		<b>Q</b>
P	Prohibited area (followed by identification)	QBI *	Compulsory IFR flight
PALS	Precision approach lighting system (specify category)	QDM	Magnetic heading (zero wind)
PANS	Procedures for air navigation services	QDR	Magnetic bearing
PAPI	Precision approach path indicator	QFE	Atmospheric pressure at aerodrome elevation (or at runway threshold)
PAR	Precision approach radar	QFU	Magnetic orientation of runway
		QNH	Altimeter sub-scale setting to obtain elevation when on the ground
		QTE	True bearing
		QUAD	Quadrant

	R		ROFOR	Route forecast (in aeronautical' meteorological code)
R	Red / Radial		RON	Receiving only
R	Restricted area (followed by identification)		RPL	Repetitive flight plan
R	Right (runway identification)		RPLC	Replace or replaced
RAC	Rules of the air and air traffic services		RPS	Radar position symbol
RAD*	Radius		RPT	Repeat or I repeat
RAI	Runway alignment indicator		RQMNTS	Requirements
RB	Rescue boat		RQP	Request flight plan (message type indicator)
RCA	Reach cruising altitude		RQS	Request supplementary flight plan
RCC	Rescue coordination centre		RSC	Rescue sub-centre
RCF	Radio communication failure		RSCD	Runway surface condition
RCL*	Runway centre line		RSP	Responder beacon
RCLL	Runway centre line light(s)		RSR	EN-route surveillance radar
RDH	Reference datum height (for ILS)		RTE	Route
RDO	Radio		RTF	Radiotelephony
RDL	Radial			
REC	Receive or receiver		RTG	Radiotelegraph
REDL	Runway edge light(s)		RTHL	Runway threshold light(s)
REF	referent to or refer to		RTN	Return or returned or returning
REG	Registration			
RENL	Runway end light(s)		RTS	Return to service
REP	Report or reporting or reporting point		RTT	Radio teletypewriter
REQ	Request or requested		RTZL	Runway touchdown zone light(s)
RE RTE	Reroute		RUT	Standard regional route transmitting frequencies
RES	Reservations		RV	Rescue vessel
RFC*	Radio facility chart		RVSM	Reduced vertical separation minimum
RG	Range (lights)		RVR	Runway visual range
RIF	Reclearance in flight		RWY	Runway
RITE*	Right (direction of turn)			
RLLS	Runway lead-in lighting system			
RMK	Remarks			
RMI*	Radio Magnetic Indicator			
RNAV	Area navigation (to be pronounced "AR-NAV")			
RNG	Radio range			
RNP	Required navigation performance			
ROC	Rate of climb			
ROD	Rate of descent			



	S	SPECIAL	Local Special meteorological report (in abbreviated plain language)
S	South or southern latitude		
SAL*	Search and locate	SPL	Supplementary flight plan (message type designator)
SALS	Simple approach lighting system		
SAN	Sanitary	SPOT	SPOT wind
		SQ	Squall
SAR	Search and Rescue	SR	Sunrise
SARPS	Standard and Recommended Practices (ICAO)	SRA	Surveillance radar approach
SARMC	Search and Rescue Mission	SRE	Surveillance radar element of precision approach radar system
	Coordinat		
SAT	Saturday		
SATCOM	Satellite communication	SRG	Short range
SB	Southbound	SRR	Search and rescue region
SC	Stratocumulus	SSB	Single side band
SCT	Scattered	SSW	South South west
SD*	Situation Display	STRY	Secondary
SDBY	Stand by	SS	Sunset
SE	South-east	SSE	South South East
SEC	Seconds	SSR	Secondary surveillance radar
SECT	Sector	'ST	Stratus
SELCAL	Selective calling system	STA	Straight in approach
SEP	September	STAR	Standard instrument arrival
SER	Service or servicing or served	STD	Standard
SEV	Severe (used e.g. to qualify icing and turbulences )	STF	Stratiform
SFC	Surface	STN	Station
SFL*	Sequenced flashing light	STNR	Stationary
SGL	Signal	STOL	Short take-off and landing
SH	Showers	STS	Status
SID	Standard instrument departure	STWL	Stop way light(s)
SIF	Selective identification feature	SUBJ	Subject to
SIGMET	Information concerning en- route weather phenomena which may affect the safety of aircraft operations.	SUN	Sunday
		SUP	Supplement (AIP)
		SUPPS	Regional supplementary procedures
		Svc	Service message
SIGWX*	Significant weather	SVCBL	Serviceable
SIMUL	Simultaneous or simultaneously	SW	South-west
SKED	Schedule or scheduled	SWY	Stopway
SLW	Slow		
SMC	Surface movement control		
SMR	Surface movement radar		
SPECI	Aerodrome selected special weather report (in aeronautical meteorological code)		
SNSBS*	Sahi Nepal Sainik Biman Sewa		

T		U	
T	Temperature	UAB	Until advised by
TA	Transition altitude	UAC	Upper area control centre
TACAN	UHF tactical air navigation aid	UAC	Upper air route
TAF	Aerodrome forecast	UFN	Until further notice
TAIL	Tail wind	UHF	Ultra high frequency (300 to 3000 MHz)
TAR	Terminal area surveillance radar	UIC	Upper information centre
TAS	True airspeed	UIR	Upper flight information region
TAX	Taxiing or taxi	ULR	Ultra long range
TCAS	Traffic alert collision avoiding system	UNREL	Unreliable
TCU	Towering cumulus	U/S	Unserviceable
TECR	Technical reason	UNL	Unlimited
TEL	Telephone	UTC	Coordinated Universal Time
TEMPO	Temporary or temporarily	UTM	Universal Transverse Meridian
TFC	Traffic		V
TGL	Touch-and-go landing	VAC	Visual approach chart
TGS	Taxiing guidance system	VAR	Visual-aural radio range or magnetic variation
THR	Threshold	VASIS	Visual approach slope indicator system
THRU	Through	VCY	Vicinity
THU	Thursday	VDF	Very high frequency direction-finding station
TIA*	Tribhuvan Int'l Airport		
TIL*	Until	VER	Vertical
TKOF	Take-off	VFR	Visual flight rules
TIOF	Touchdown and lift off area	VHF	Very high frequency (30 to 300 MHz)
TOC	Top of climb	VIA	By way of
TODA	Take-off distance available	VIP	Very important person
TORA	Take-off run available	VIS	Visibility
TP	Turning point	VLR	Very long range
TR	Track	VMC	Visual Meteorological Condition
TRA	Temporary reserved airspace	VNSM*	Kathmandu FIR
TRANG*	Training	VOLMET	Meteorological information for aircraft in flight
TRANS	Transmits or transmitter		
TRL	Transition level	VOR	VHF omni directional radio range
TS	Thunderstorm	VOT	VOR airborne equipment test facility
TT	Teletypewriter	VRB	Variable
TUE	Tuesday	VSA	BY visual reference to the ground
TURB	Turbulence	VSP	Vertical speed
TWR	Aerodrome control tower or aerodrome control	VTOL	Vertical take-off and landing
TWY	Taxiway		
TWYL	Taxiway - link	VVIP*	Very very important person
TXT*	Text		
TYP	Type or aircraft		
TYPH	Typhoon		

	W		X
W	West or western longitude or white	X	Cross
WAC	World Aeronautical Chart - ICAO 1:1000000 scale	XBAR	Crossbar (of approach lighting system)
WBAR	Wing bar lights	XNG	Crossing
WD*	Wind Direction	XS	Atmospherics
WDI	Wind direction indicator	XX*	Heavy (used to qualify weather phenomena)
WDSPR	Widespread		Y
WED	Wednesday	Y	Yellow
WEF	With effect from or effective from	YCZ	Yellow caution zone (runway lighting)
W1	Within	YD*	Yards
WID	Width	YR	Your
WIE	With immediate effect or effective immediately	Z	
WILCO	Will comply	Z	Coordinated Universal Time (in meteorological messages)
WIP	Work in progress		
WNW	West north west		
WPT	Way-point		
WRNG	Warning		
WS	Wind shear		
WSW	West southwest		
WT	Weight		
WTSPT	Waterspout		
WX	Weather		