

TEL: 91-11-24632950 Extn: 2219/2233 AFS: VIDDYXAX FAX: 91-11-24615508 Email: gmais@aai.aero	INDIA AERONAUTICAL INFORMATION SERVICE AIRPORTS AUTHORITY OF INDIA RAJIV GANDHI BHAVAN SAFDARJUNG AIRPORT NEW DELHI – 110003	61/2019
		04 APR 219

File No. AAI/ATM/AIS/09-09/2019

Following supplement is issued for information, guidance and necessary action.

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DR. GURUPRASAD MOHAPATRA
CHAIRMAN
AIRPORTS AUTHORITY OF INDIA

[EFFECTIVE DATE: 20 JUN 2019]

AERODROME DATA
GOA AIRPORT (VOGO)

VOGO AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VOGO – GOA AIRPORT

VOGO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	152251.02N 0734937.44E M. Brg 073.92 DEG/1121M from physical extremity of RWY 08	
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	30 Km South of Panaji City On a bearing of 140 DEG at a distance of 2.34KM from Vasco Railway Station	
3	Aerodrome elevation and reference temperature	186 FT/33.2 DEG C	
4	Magnetic, date of information and annual change	1.50 DEG W (2010) / 0.033 DEG E	
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	The Commanding Officer INS Hansa Dabolim Airport Goa – 403 801	
		Phone	+91-832-2585572 +91-832-2585430
		Fax	+91-832-2538456

		AFS	VOGOYDYX
		e-mail	atc.hansa@navy.gov.in
6	Types of traffic permitted (IFR/VFR)	IFR / VFR	
7	Remarks	NIL	

VOGO AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	H-24
2	Custom and immigration	H-24
3	Health and sanitation	H-24
4	AIS Briefing office	H-24
5	ATS Reporting Office (ARO)	H-24
6	MET Briefing office	H-24
7	Air Traffic Service	H-24
8	Fuelling	H-24
9	Handling	AIR INDIA
10	Security	CISF
11	De-icing	NIL
12	Remarks	Civil flights operation not permitted between 0300 to 0700 UTC and 1000 to 1100 UTC from Mon- Fri view of intensive Military flying. Prior co-ordination mandatory for Non- Schedule operation.

VOGO AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Available with AAI
2	Fuel and oil types	Available with AAI
3	Fuelling facilities and capacity	Available with AAI
4	De-icing facilities	NIL

5	Hanger space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VOGO AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodromes	In city
2	Restaurant(s) at or in the vicinity of aerodromes	At Aerodrome & City
3	Transportation possibilities	Prepaid taxi
4	Medical Facilities	First aid at Aerodrome, Hospitals in city
5	Bank and post office at or in the vicinity of aerodromes	ATM counter, PO & Bank at Aerodrome
6	Tourist office	Tourist and international counter at Aerodrome
7	Remarks	NIL

VOGO AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	CAT VIII
2	Rescue equipment	AVBL as per the Category
3	Capability for removal of disabled aircraft	Co-ordinated by AAI
4	Remarks	NIL

VOGO AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

VOGO AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Designation, surface and strength of apron (Civil)	Designation	Refer Aircraft Parking/Docking Chart
		Surface	
		Strength	
2	Designation, width, surface and strength of taxiways	Designation	Refer Aircraft Parking/Docking Chart
		Width	
		Surface	
		Strength	
3	Location and elevation of altimeter checkpoints	Location	---
		Elevation	---
4	Location of VOR checkpoints	1. TWY N1: 152258.25N 0735017.82E /157 FT 2. TWY N2: 152257.29N 0735013.06E /156 FT 3. TWY N4: 152253.03N 0734945.36E /150 FT 4. TWY N5: 152250.64N 0734933.97E /142 FT	
5	Position of INS checkpoints	NIL	
6	Remarks	i. TWY N3, N6, N7, N8 and S4 not available for CAT IV aircraft operations.	

VOGO AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand identification signs, taxiway guidelines and visual docking/parking guidance system at aircraft stands	Taxing guidance on RT. Guidelines and ID signs on TWY and stands		
2	Runway and taxiway markings and lights	RWY	Markings	Designation, THR, TDZ, Centerline, Edge, fix distance
			Lights	Edge, End, THR
		TWY	Marking	Centerline, holding position on all Taxi ways
			Lights	Edge
3	Stop bars (if any)	NIL		
4	Remarks	NIL		

VOGO AD 2.10 AERODORME OBSTACLES

RWY/Area affected	Obstacle Type	Coordinates	Elevation FT	Marking /LGT	Remarks
1	2	3	4	5	6
APCH-08 TKOF-26	POLE	152244.28N 0734856.00E	129		ELECTRIC POLE
APCH-08 TKOF-26	OTHER	152236.26N 0734857.31E	128		WDI
APCH-08 TKOF-26	TREE	152243.82N 0734853.86E	126		GROUP OF TREE
APCH-08 TKOF-26	TREE	152240.75N 0734853.99E	126		GROUP OF TREE
APCH-26 TKOF-08	OTHER	152307.91N 0735057.46E	193		MOBILE ROAD TRAFFIC (ROAD ELEV.53.8 M.+ TRAFFIC HT.5.0M)
APCH-26 TKOF-08	OTHER	152304.46N 0735250.11E	343		HOARDING
APCH-26 TKOF-08	TREE	152301.86N 0735116.55E	230		GROUP OF TREE
APCH-26 TKOF-08	POLE	152309.08N 0735116.41E	237		ELRCTRIC POLE
APCH-26 TKOF-08	POLE	152311.92N 0735116.33E	243		ELRCTRIC POLE
APCH-26 TKOF-08	TREE	152308.45N 0735117.48E	247		GROUP OF TREE
APCH-26 TKOF-08	TREE	152259.21N 0735120.84E	241		GROUP OF TREE
APCH-26 TKOF-08	OTHER	152259.11N 0735122.65E	244		GROUND LEVEL
APCH-26 TKOF-08	OTHER	152304.74N 0735121.97E	238		GROUND LEVEL

APCH-26 TKOF-08	POLE	152311.63N 0735121.14E	251		ELECTRIC POLE
APCH-26 TKOF-08	TREE	152307.43N 0735122.81E	259		GROUP OF TREE
APCH-26 TKOF-08	POLE	152311.53N 0735122.00E	254		ELECTRIC POLE
APCH-26 TKOF-08	POLE	152310.95N 0735122.11E	254		ELECTRIC POLE
APCH-26 TKOF-08	OTHER	152308.75N 0735122.83E	241		GROUND LEVEL
APCH-26 TKOF-08	OTHER	152304.50N 0735123.98E	252		GROUND LEVEL
APCH-26 TKOF-08	POLE	152311.02N 0735122.98E	257		ELECTRIC POLE
APCH-26 TKOF-08	TREE	152259.44N 0735125.86E	284		GROUP OF TREE
APCH-26 TKOF-08	TREE	152303.54N 0735125.09E	293		GROUP OF TREE
APCH-26 TKOF-08	BUILDING	152323.18N 0735246.70E	323		HOUSE
APCH-26 TKOF-08	POLE	152310.14N 0735125.12E	265		ELECTRIC POLE
APCH-26 TKOF-08	BUILDING	152312.89N 0735125.05E	257		BUILDING
APCH-26 TKOF-08	OTHER	152309.23N 0735126.25E	253		GROUND LEVEL
APCH-26 TKOF-08	OTHER	152308.26N 0735126.50E	255		GROUND LEVEL
APCH-26 TKOF-08	TREE	152309.51N 0735126.35E	282		GROUP OF TREE

APCH-26 TKOF-08	BUILDING	152312.25N 0735126.07E	257		BUILDING
APCH-26 TKOF-08	POLE	152312.91N 0735126.39E	268		ELECTRIC POLE
APCH-26 TKOF-08	OTHER	152308.43N 0735127.40E	259		GROUND LEVEL
APCH-26 TKOF-08	OTHER	152259.69N 0735129.21E	287		GROUND LEVEL
APCH-26 TKOF-08	OTHER	152305.72N 0735128.56E	269		GROUND LEVEL
APCH-26 TKOF-08	OTHER	152308.61N 0735128.76E	264		GROUND LEVEL
APCH-26 TKOF-08	TREE	152315.86N 0735128.40E	290		GROUP OF TREE
APCH-26 TKOF-08	OTHER	152306.02N 0735130.45E	276		GROUND LEVEL
APCH-26 TKOF-08	TREE	152312.59N 0735129.32E	289		GROUP OF TREE
APCH-26 TKOF-08	TREE	152300.95N 0735131.87E	323		GROUP OF TREE
APCH-26 TKOF-08	OTHER	152308.66N 0735130.55E	269		GROUND LEVEL
APCH-26 TKOF-08	OTHER	152305.74N 0735131.60E	281		GROUND LEVEL
APCH-26 TKOF-08	TREE	152305.32N 0735132.37E	315		GROUP OF TREE
APCH-26 TKOF-08	OTHER	152301.10N 0735133.30E	307		GROUND LEVEL
APCH-26 TKOF-08	POLE	152308.62N 0735136.89E	311		ELECTRIC POLE

APCH-26 TKOF-08	TREE	152301.01N 0735143.92E	410		GROUP OF TREE
APCH-26 TKOF-08	TANK	152305.70N 0735231.88E	352		OVERHEAD WATER TANK
APCH-26 TKOF-08	OTHER	152306.39N 0735244.70E	401	LGT	MAST
APCH-26 TKOF-08	OTHER	152320.05N 0735245.88E	367	LGT	MAST
In Circling Area & at AD	BUILDING	152248.16N 0734916.96E	139	LGT	STRUCTURE
In Circling Area & at AD	OTHER	152241.99N 0734917.72E	129		SIGN BOARD
In Circling Area & at AD	OTHER	152240.19N 0734917.52E	130		SIGN BOARD
In Circling Area & at AD	OTHER	152239.88N 0734915.66E	130		SIGN BOARD
In Circling Area & at AD	OTHER	152241.42N 0734914.84E	126		SIGN BOARD
In Circling Area & at AD	ANTENNA	152240.06N 0734912.65E	126		ANTENNA
In Circling Area & at AD	ANTENNA	152240.14N 0734910.74E	124		ANTENNA
In Circling Area & at AD	ANTENNA	152239.00N 0734909.83E	124		ANTENNA
In Circling Area & at AD	ANTENNA	152239.63N 0734909.60E	124		ANTENNA
In Circling Area & at AD	TREE	152245.26N 0734907.19E	143		GROUP OF TREE
In Circling Area & at AD	OTHER	152243.00N 0734903.68E	129		MAST

In Circling Area & at AD	BUILDING	152242.80N 0734903.68E	121		SEC HUT
In Circling Area & at AD	TREE	152244.69N 0734902.80E	138		GROUP OF TREE
In Circling Area & at AD	ANTENNA	152242.02N 0734901.40E	117		ANTENNA
In Circling Area & at AD	OTHER	152233.91N 0734901.50E	131		JUMP PAD
In Circling Area & at AD	TREE	152245.64N 0734859.00E	128		GROUP OF TREE
In Circling Area & at AD	OTHER	152245.97N 0734855.93E	151	LGT	HANGER
In Circling Area & at AD	OTHER	152255.78N 0735044.61E	187		GROUND LEVEL
In Circling Area & at AD	OTHER	152256.99N 0735044.42E	186		GROUND LEVEL
In Circling Area & at AD	NAVAID	152304.00N 0735043.26E	191	LGT	GLIDE PATH HUT
In Circling Area & at AD	NAVAID	152303.80N 0735043.43E	197		GLIDE PATH DME
In Circling Area & at AD	NAVAID	152303.96N 0735043.40E	236	LGT	GLIDE PATH MAIN ANTENNA
In Circling Area & at AD	BUILDING	152257.33N 0735044.88E	196	LGT	SECURITY HUT
In Circling Area & at AD	ANTENNA	152258.10N 0735044.78E	185		ANTENNA
In Circling Area & at AD	ANTENNA	152257.30N 0735044.96E	197		ANTENNA
In Circling Area & at AD	ANTENNA	152257.16N 0735045.07E	195	LGT	ANTENNA

In Circling Area & at AD	OTHER	152256.74N 0735045.43E	215		WDI
In Circling Area & at AD	OTHER	152257.30N 0735046.01E	186		GROUND LEVEL
In Circling Area & at AD	OTHER	152256.22N 0735046.96E	188		GROUND LEVEL
In Circling Area & at AD	NAVAID	152304.53N 0735046.20E	194		GLIDEPATH MONITER ANTENNA
In Circling Area & at AD	OTHER	152257.83N 0735048.50E	186		GROUND LEVEL
In Circling Area & at AD	OTHER	152256.80N 0735048.78E	188		GROUND LEVEL
In Circling Area & at AD	OTHER	152258.37N 0735050.29E	186		GROUND LEVEL
In Circling Area & at AD	OTHER	152257.22N 0735050.59E	187		GROUND LEVEL
In Circling Area & at AD	OTHER	152258.75N 0735050.49E	190		SIGN BOARD
In Circling Area & at AD	OTHER	152259.17N 0735052.72E	185		GROUND LEVEL
In Circling Area & at AD	OTHER	152257.77N 0735053.32E	186		GROUND LEVEL
In Circling Area & at AD	OTHER	152257.03N 0735053.60E	186		GROUND LEVEL
In Circling Area & at AD	BUILDING	152311.57N 0735106.70E	235		BUILDING (U/C)
In Circling Area & at AD	TREE	152314.81N 0735115.09E	250		GROUP OF TREE
In Circling Area & at AD	TREE	152254.41N 0735124.58E	316		GROUP OF TREE

In Circling Area & at AD	NATURAL_H IGHPOINT	152251.50N 0735136.50E	438		GROUP OF TREE ON HILL
In Circling Area & at AD	BUILDING	152321.69N 0735132.39E	295		BUILDING
In Circling Area & at AD	OTHER	152252.93N 0735148.40E	386		GROUND LEVEL
In Circling Area & at AD	OTHER	152254.88N 0735224.50E	409	LGT	MAST
In Circling Area & at AD	TANK	152253.56N 0735232.16E	343		OVERHEAD WATER TANK
In Circling Area & at AD	BUILDING	152247.28N 0734926.33E	139		SEC HUT
In Circling Area & at AD	ANTENNA	152247.54N 0734929.56E	142		ANTENNA
In Circling Area & at AD	OTHER	152247.53N 0734933.28E	145		SIGN BOARD
In Circling Area & at AD	OTHER	152250.06N 0734937.62E	151		PIPE
In Circling Area & at AD	OTHER	152250.00N 0734938.29E	151		PIPE
In Circling Area & at AD	OTHER	152250.50N 0734938.43E	151		PIPE
In Circling Area & at AD	OTHER	152250.81N 0734939.02E	152		PIPE
In Circling Area & at AD	OTHER	152251.69N 0734940.47E	152		GROUND LEVEL
In Circling Area & at AD	OTHER	152251.02N 0734951.24E	151		SIGN BOARD
In Circling Area & at AD	OTHER	152249.86N 0734958.24E	149		SIGN BOARD

In Circling Area & at AD	OTHER	152250.37N 0735000.93E	150		SIGN BOARD
In Circling Area & at AD	POLE	152255.56N 0735010.01E	156		LIGHT POLE
In Circling Area & at AD	POLE	152255.63N 0735010.38E	157		LIGHT POLE
In Circling Area & at AD	MAST	152303.32N 0735011.28E	225	LGT	FLOOD LIGHT MAST
In Circling Area & at AD	OTHER	152249.96N 0735015.24E	159		SIGN BOARD
In Circling Area & at AD	OTHER	152253.17N 0735015.44E	159		SIGN BOARD
In Circling Area & at AD	MAST	152304.44N 0735017.00E	228	LGT	FLOOD LIGHT MAST
In Circling Area & at AD	OTHER	152255.24N 0735032.89E	171		GROUND LEVEL
In Circling Area & at AD	OTHER	152255.12N 0734929.35E	209	LGT	HANGER
In Circling Area & at AD	OTHER	152250.74N 0734935.61E	149		GROUND LEVEL
In Circling Area & at AD	MAST	152234.72N 0734939.33E	260		MAST ON ATC BUILDING
In Circling Area & at AD	OTHER	152250.46N 0734939.08E	153		PIPE
In Circling Area & at AD	OTHER	152250.98N 0734940.28E	154		PIPE
In Circling Area & at AD	OTHER	152251.50N 0734944.63E	154		SIGN BOARD
In Circling Area & at AD	OTHER	152252.61N 0734955.07E	151		SIGN BOARD

In Circling Area & at AD	OTHER	152247.95N 0735000.97E	150		SIGN BOARD
In Circling Area & at AD	OTHER	152251.35N 0735014.07E	159		SIGN BOARD
In Circling Area & at AD	MAST	152303.63N 0735012.85E	227	LGT	FLOOD LIGHT MAST
In Circling Area & at AD	MAST	152303.90N 0735014.23E	228	LGT	FLOOD LIGHT MAST
In Circling Area & at AD	OTHER	152249.86N 0734940.17E	154		SIGN BOARD
In Circling Area & at AD	OTHER	152243.12N 0734947.27E	167		GROUND LEVEL
In Circling Area & at AD	OTHER	152247.58N 0734959.11E	151		SIGN BOARD
In Circling Area & at AD	ANTENNA	152255.58N 0735005.76E	156		ANTENNA
In Circling Area & at AD	ANTENNA	152255.99N 0735005.69E	155		ANTENNA
In Circling Area & at AD	ANTENNA	152254.79N 0735006.29E	156		ANTENNA
In Circling Area & at AD	ANTENNA	152256.56N 0735008.63E	158		ANTENNA
In Circling Area & at AD	POLE	152251.31N 0735010.81E	158		LIGHT POLE
In Circling Area & at AD	POLE	152251.38N 0735011.18E	159		LIGHT POLE
In Circling Area & at AD	ANTENNA	152251.94N 0735011.08E	159		ANTENNA
In Circling Area & at AD	MAST	152304.16N 0735015.62E	229	LGT	FLOOD LIGHT MAST

In Circling Area & at AD	MAST	152235.20N 0734940.47E	259		MAST ON ATC BUILDING
In Circling Area & at AD	BUILDING	152250.14N 0734940.29E	156		SEC HUT
In Circling Area & at AD	OTHER	152250.22N 0735005.90E	157		SIGN BOARD
In Circling Area & at AD	POLE	152257.89N 0735006.26E	161		LIGHT POLE
In Circling Area & at AD	POLE	152258.24N 0735007.42E	164		LIGHT POLE
In Circling Area & at AD	ANTENNA	152255.79N 0735008.72E	158		ANTENNA
In Circling Area & at AD	POLE	152249.94N 0735011.07E	160		LIGHT POLE
In Circling Area & at AD	BUILDING	152248.34N 0735014.55E	175		DISUSED STRUCTUE
In Circling Area & at AD	ANTENNA	152257.77N 0735023.20E	168		ANTENNA
In Circling Area & at AD	OTHER	152254.33N 0735024.45E	168		SIGN BOARD
In Circling Area & at AD	OTHER	152255.29N 0735034.16E	174		GROUND LEVEL
In Circling Area & at AD	OTHER	152255.63N 0735035.66E	177		GROUND LEVEL
In Circling Area & at AD	NAVAID	152231.28N 0734934.45E	292		RADAR ON BUILDING (BLD. TOP 85.8M.)
In Circling Area & at AD	BUILDING	152235.22N 0734939.90E	257		ATC BUILDING TOP
In Circling Area & at AD	OTHER	152242.90N 0734946.05E	169		GROUND LEVEL

In Circling Area & at AD	BUILDING	152249.31N 0735001.46E	154		SEC HUT
In Circling Area & at AD	POLE	152256.80N 0735009.47E	160		LIGHT POLE
In Circling Area & at AD	POLE	152250.01N 0735011.43E	160		LIGHT POLE
In Circling Area & at AD	ANTENNA	152251.37N 0735013.00E	162		ANTENNA
In Circling Area & at AD	OTHER	152254.50N 0735033.57E	176		GROUND LEVEL
In Circling Area & at AD	OTHER	152242.83N 0734944.56E	168		GROUND LEVEL
In Circling Area & at AD	OTHER	152242.76N 0734944.90E	169		GROUND LEVEL
In Circling Area & at AD	OTHER	152257.86N 0735006.80E	160		SIGN POLE
In Circling Area & at AD	POLE	152258.15N 0735007.82E	163		SIGN POLE
In Circling Area & at AD	BUILDING	152301.21N 0735031.96E	176		SEC HUT
In Circling Area & at AD	POLE	152252.98N 0735039.78E	197		LIGHT POLE
In Circling Area & at AD	OTHER	152256.63N 0735039.64E	181		GROUND LEVEL
In Circling Area & at AD	MAST	152235.08N 0734939.31E	259		MAST ON ATC BUILDING
In Circling Area & at AD	BUILDING	152235.03N 0734939.90E	262	LGT	ATC BEACON TOP
In Circling Area & at AD	BUILDING	152305.72N 0735011.45E	264		L/C ROD ON TERMINAL BUILDING (BLD.TOP 77.4M.)

In Circling Area & at AD	BUILDING	152303.94N 0735020.66E	219		ROD ON OLD TERMINAL BUILDING
In Circling Area & at AD	BUILDING	152302.58N 0735021.70E	198		ROD ON BUILDING
In Circling Area & at AD	OTHER	152254.39N 0735037.07E	180		GROUND LEVEL
In Circling Area & at AD	OTHER	152255.91N 0735038.91E	182		GROUND LEVEL
In Circling Area & at AD	OTHER	152256.21N 0735039.86E	182		GROUND LEVEL
In Circling Area & at AD	OTHER	152256.31N 0735041.01E	183		GROUND LEVEL
In Circling Area & at AD	OTHER	152256.54N 0735042.27E	184		GROUND LEVEL
In Circling Area & at AD	POLE	152257.67N 0735008.46E	164		LIGHT POLE
In Circling Area & at AD	POLE	152257.74N 0735008.97E	164		LIGHTED POLE
In Circling Area & at AD	POLE	152258.16N 0735009.04E	163		SIGN POLE
In Circling Area & at AD	POLE	152251.10N 0735034.56E	209		ELECTRIC POLE
In Circling Area & at AD	TREE	152251.72N 0735037.01E	208		GROUP OF TREE
In Circling Area & at AD	POLE	152253.10N 0735038.44E	194		LIGHT POLE
In Circling Area & at AD	OTHER	152244.55N 0734942.76E	161		GROUND LEVEL
In Circling Area & at AD	OTHER	152244.77N 0734944.13E	162		GROUND LEVEL

In Circling Area & at AD	POLE	152257.55N 0735009.96E	165		LIGHT POLE
In Circling Area & at AD	BUILDING	152257.74N 0735010.01E	166		SEC HUT
In Circling Area & at AD	TREE	152254.16N 0735028.89E	177		GROUP OF TREE
In Circling Area & at AD	OTHER	152254.94N 0735039.15E	184		GROUND LEVEL
In Circling Area & at AD	OTHER	152255.03N 0735040.56E	185		GROUND LEVEL
In Circling Area & at AD	OTHER	152255.24N 0735042.83E	187		GROUND LEVEL
In Circling Area & at AD	OTHER	152244.73N 0734945.08E	163		GROUND LEVEL
In Circling Area & at AD	OTHER	152245.15N 0734947.22E	163		GROUND LEVEL
In Circling Area & at AD	ANTENNA	152304.10N 0735021.30E	224		ANTENNA ON OLD TERMINAL BUILDING
In Circling Area & at AD	OTHER	152244.94N 0734946.10E	164		GROUND LEVEL
In Circling Area & at AD	TREE	152247.29N 0735017.97E	210		GROUP OF TREE
In Circling Area & at AD	POLE	152253.20N 0735037.11E	193		LIGHT POLE
In Circling Area & at AD	BUILDING	152254.06N 0735033.80E	185		SEC HUT
In Circling Area & at AD	BUILDING	152243.16N 0734944.70E	171		EQUIPMENT STRUCTURE
In Circling Area & at AD	ANTENNA	152243.40N 0734946.63E	173		SBTF ANT.

In Circling Area & at AD	ANTENNA	152243.43N 0734946.79E	174		SBTF ANT.
In Circling Area & at AD	OTHER	152239.24N 0734940.05E	213		WDI
In Circling Area & at AD	POLE	152253.73N 0735034.22E	187		LIGHT POLE
In Circling Area & at AD	ANTENNA	152251.72N 0734943.47E	171	LGT	PAR ANTENNA
In Circling Area & at AD	TREE	152246.47N 0735013.38E	211		GROUP OF TREE
In Circling Area & at AD	POLE	152252.18N 0735033.83E	202		ELECTRIC POLE
In Circling Area & at AD	POLE	152252.60N 0735037.47E	209		ELECTRIC POLE
In Circling Area & at AD	OTHER	152243.36N 0734947.33E	182		WDI
In Circling Area & at AD	OTHER	152257.52N 0735009.87E	176		BARRIER
In Circling Area & at AD	TREE	152246.44N 0735013.72E	217		GROUP OF TREE
In Circling Area & at AD	MAST	152234.98N 0734939.90E	278		MAST ON ATC TOP
In Circling Area & at AD	BUILDING	152245.27N 0735010.63E	223	LGT	OLD ATC BLDG. TOP
In Circling Area & at AD	TREE	152249.72N 0735040.76E	264		GROUP OF TREE
In Circling Area & at AD	TREE	152252.95N 0735021.04E	186		GROUP OF TREE
In Circling Area & at AD	TREE	152253.00N 0735023.30E	187		GROUP OF TREE

In Circling Area & at AD	POLE	152252.71N 0735034.56E	202		ELECTRIC POLE
In Circling Area & at AD	TREE	152252.48N 0735035.71E	209		GROUP OF TREE
In Circling Area & at AD	TREE	152253.64N 0735025.72E	191		GROUP OF TREE
In Circling Area & at AD	TREE	152253.48N 0735027.88E	193		GROUP OF TREE
In Circling Area & at AD	TREE	152248.40N 0735015.36E	199		GROUP OF TREE
In Circling Area & at AD	POLE	152252.79N 0735036.11E	208		ELECTRIC POLE
In Circling Area & at AD	BUILDING	152252.05N 0734943.21E	184		L/C ROD ON PAR BUILDING (BLDG. TOP 49.6M.)
In Circling Area & at AD	TREE	152249.13N 0735023.04E	223		GROUP OF TREE
In Circling Area & at AD	TREE	152249.93N 0735017.25E	198		GROUP OF TREE
In Circling Area & at AD	TREE	152250.09N 0735017.63E	199		GROUP OF TREE
In Circling Area & at AD	TREE	152253.43N 0735033.70E	209		TREE
In Circling Area & at AD	NATURAL HIGH POINT	152849.70N 0735943.27E	1037		HILL TOP
In Circling Area & at AD	MAST	152244.78N 0735235.86E	379	LGT	MAST
In Circling Area & at AD	OTHER	152232.77N 0735223.83E	407		CHIMNEY
In Circling Area & at AD	OTHER	152227.77N 0735223.25E	411		BIG CHIMNEY
In Circling Area & at AD	MAST	152233.48N 0735210.68E	391		MAST

VOGO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Meteorological Office, INS Hansa
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	H-24
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Meteorological office at Airport, INS Hansa (IN); Validity 09, 30 Hrs
4	Availability of the trend forecast for the aerodrome and interval of issuance	Landing forecast; Metar/ met report half an hourly Trend Type; forecast appended to METAR/ met report as and when required
5	Information on how briefing and/or consultation is provided	H-24
6	Types of flight documentation supplied and language(s) used in flight documentation	Documentation; tabular and chart forms, Language: English
7	Charts and other information displayed or available for briefing or consultation	Upper winds: FL050, FL100, FL140, FL180, FL240, FL300, FL340, FL390, FL450 Significant weather: up to FL630 (AMSS Chennai)
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	64 KBPS
9	The air traffic services unit(s) provided with meteorological information	Goa ATC
10	Additional information, e.g. concerning any limitation of service.	Transmissometer installed for both RWY 08/26

VOGO AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations	TRUE Bearings	Dimensions of RWY (M)	Strength of pavement (PCN) and associated data) and surface of each runway and associated stopway	Geographical coordinates for threshold and runway end
1	2	3	4	5
08	078.71	3426 X 45	86/R/C/X/T TARMAC	THR: 152240.13N 0734901.57E END: 152301.96N 0735054.24E
26	258.71	3426 X 45	86/R/C/X/T TARMAC	THR: 152301.96N 0735054.24E END: 152240.13N 0734901.57E
THR elevation and highest elevation of TDZ of precision APP RWY	Slope of runway and associated stopway	Dimensions of stopway (M)	Dimensions of clearway (M)	Dimensions of strips (M)
6	7	8	9	10
THR: 113 FT TDZ: 142 FT	+0.66%	120 X 45	150 X 150	3866 X 300
THR: 186 FT TDZ: 186FT	-0.66%	200 X 45	200 X 150	3866 X 300
Dimensions of runway end safety areas	Location (which runway end) and description of arresting system (if any)	Existence of an obstacle-free zone	Remarks.	
11	12	13	14	
90 X 45	Not Available	---	PCN: 08 END 54/R/C/X/T 26 END 80/F/C/X/T CENTRE PORTION: 86/R/C/X/T	
145 X 45	Not Available	---	PCN: 08 END 54/R/C/X/T 26 END: 80/F/C/X/T CENTRE PORTION: 86/R/C/X/T	

VOGO AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks Including runway entry or start point where alternative reduced declared distances have been declared.
1	2	3	4	5	6
08	3426	3576	3546	3426	
26	3426	3626	3626	3426	

VOGO AD 2.14 APPROACH AND RUNWAY LIGHTING

Runway Designator	Type, length and intensity of approach lighting system;	Runway threshold lights, colour and wing bars;	Type of visual slope indicator system	Length of runway touchdown zone lights;
1	2	3	4	5
08	N/A	N/A	PAPI 3.1 DEG BOTH SIDE OF RWY	----
26	SALS	Green	PAPI 3.1 DEG BOTH SIDE OF RWY	----
Length, spacing, colour and intensity of runway centre line lights	Length, spacing, colour and intensity of runway edge lights	Colour of runway end lights and wing bars	Length and colour of stopway lights	Remarks
6	7	8	9	10
----	3426 M 60 M White LIH	Red	---	1. Distance of PAPI from THR 843 FT
----	3426 M 60 M White LIH	Red	----	1. Distance of PAPI from THR 1000 FT

VOGO AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	Top of ATC tower, round the clock operation
		IBN	Nil
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	340M south of RWY, in front of ATC
		Anemometer	Top of ATC Tower
3	Taxiway edge and taxiway centre line lights;	Edge	Blue
		Centre line	Nil
4	Secondary power supply including switch-over time;	Secondary power supply to all lighting at AD with UPS backup.	
5	Remarks	----	

VOGO AD 2.16 HELICOPTER LANDING AREA

1	Geographical coordinates of the geometric centre of touchdown and lift-off (TLOF) or of each threshold of final approach and take-off (FATO) area	Not available
2	TLOF and/or FATO area elevation:	Not available
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	Not available
4	True bearings of FATO;	Not available
5	Declared distances available,	Not available
6	Approach and FATO lighting;	Not available
7	Remarks	Recovery On Duty Runway

VOGO AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	Goa Approach Control: VAR 44A: Area bounded by lines joining points 150900N 0731100E; 151500N 0732900E; 142000N 0735300E; 141200N 0733800E to point of origin. VOR 44B: Area bounded by lines joining points 160504N 0730658E; 153504N 0741157E; 151904N 0742157E; 141505N 0742757E; 140305N 0740457E to point of origin
2	Vertical limits	VAR 44A – From sea level to unlimited VOR 44B – From Ground/Sea level to F210
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Goa Tower, English Goa Approach, English
5	Transition altitude	6000FT
6.	Hours of applicability	NIL
6	Remarks	NIL

VOGO AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available	Logon address, as appropriate	Hours of operation	Remarks
1	2	3	4	5	6	7
TWR	Goa Tower	118.100 MHz (Main) 119.700 MHz (SDBY)	----	----	H24	NIL
APP	Goa Approach	119.700 MHz (Main) 118.100 MHz (SDBY)	----	----	H24	NIL
ASR	Goa Radar	119.700 MHz 125.000 MHz	----	----	H24 As Required	NIL
ATIS	Goa Information	126.600 MHz	----	----	H24	NIL
PAR	Precision	125.000 MHz	----	----	As required	NIL
A/G Radio	Goa	8909 KHz/ 6655 KHz	----	----	H24	NIL
Emergency frequency		121.5 MHz- VHF 243 MHz- UHF	----	----	H24	NIL

VOGO AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, magnetic and type of supported operation for ILS/MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical line-up of the aid	Identification	Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate	Hours of operation, as appropriate;	Geographical coordinates of the position of the transmitting antenna	Elevation of transmitting antenna of DME/ elevation of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
DVOR*	GGO	113.600 MHz	H24	152241.972N 0734840.688E		----	AAI
DME*	GGO	83X	H24	152242.196N 0734840.785E	126 FT	----	AAI
NDB*	GO	274 KHz	H24	152330.749N 0735324.663E		----	AAI
LOC	IDAB	110.300 MHz	H24	152238.813N 0734854.784E		----	AAI
GP RWY 26	-	335 MHz	H24	152303.959N 0735043.399E		----	AAI
GP DME	-	1064/1001 MHz	H24	152303.800 N 0735043.431E	197 FT	----	AAI

* Include/amend details in GEN 2.5 and ENR 4.1 of eAIP India.

VOGO AD 2.20 LOCAL AERODROME REGULATIONS:

NIL

VOGO AD 2.21 NOISE ABATEMENT PROCEDURES:

NIL

VOGO AD 2.22 FLIGHT PROCEDURES

NIL

VOGO AD 2.23 ADDITIONAL INFORMATION

1. Pilots to exercise caution while landing/taking-off due to excessive bird activity around the airfield.
2. Aircraft making approach for RWY 08/26 to exercise caution for misidentification of RWY with parallel taxiway North of RWY 26. All aircraft to positively obtain PAPI visual on both sides. On a few occasions aircraft have made approach for parallel TWY S of RWY08/26.
3. TWY N1, N2 and S2 not available for vacation on landing from RWY26 by MEDIUM and HEAVY JET aircraft due to operational reasons.
4. Due to shortage of parking bays, non-sked flights not permitted between 0700 UTC to 1000 UTC. For operating during rest of the period the non-sked flight operators to coordinate 48 Hr in advance for operating the flights. Requests will be accepted on first come first served basis. Non sked flight request for drop/pick up of passengers with halt of max 30 minutes will be given preference.
5. Arriving lights may be required to hold due to extensive flying operations and limited number of parking bays at civil apron.
6. Primary ASR based Air Traffic Surveillance services provided.
7. Heavy traffic congestion may be expected between 0700 UTC to 1000 UTC. All flights to carry adequate fuel for unforeseen delay.
8. All arriving flights not to start own navigation for RNAV 1 STAR at Goa Airport unless specifically instructed.
9. Civil flights not permitted between 0300 UTC to 0700 UTC and 1000 UTC to 1100 UTC from MON-FRI due to extensive MIL flying.
10. Tight turn while entering/leaving dispersal at N1, N2 and other TWYs not permitted.
11. 180 DEG turn on RWY not permitted for medium and heavy wake turbulence category aircraft.
12. Intersection departures from N1 and N2 not available due damage to RWY Surface.

13. Aircraft may use turn pads of RWY 08 and RWY 26 at lower power settings.
14. Two radio masts erected at position N152730 E735050, BRG 016 DEG, DIST 4.9NM from ARP, HGT 200M AMSL. OBST marked by day and night.

VOGO AD 2.24 CHARTS RELATED TO AN AERODROME

1. Aerodrome Chart
2. Aircraft Parking/Docking Chart
3. Aerodrome Obstacle Chart Type A (Operating limitations) RWY 08
4. Aerodrome Obstacle Chart Type A (Operating limitations) RWY 26

NOTE:

- 1. Data/information as provided by Indian Navy.**
- 2. For IAL Procedures refer current NOTAMs.**

CANCELLATION:

1. NOTAM A3336/18 of VOMMYNYX
2. NOTAM A3151/18 of VOMMYNYX
3. NOTAM A2258/18 of VOMMYNYX
4. NOTAM A0115/18 of VOMMYNYX
5. NOTAM A0063/18 of VOMMYNYX
6. NOTAM A1703/17 of VOMMYNYX
7. NOTAM A1253/17 of VOMMYNYX
8. NOTAM A2695/16 of VOMMYNYX
9. NOTAM A1436/15 of VOMMYNYX
10. NOTAM A1118/15 of VOMMYNYX
11. NOTAM A0112/15 of VOMMYNYX
12. NOTAM A1355/13 of VOMMYNYX
13. NOTAM A0180/13 of VOMMYNYX
14. NOTAM A0295/12 of VOMMYNYX
15. NOTAM A1863/11 of VOMMYNYX
16. NOTAM A1850/11 of VOMMYNYX
17. NOTAM A1847/11 of VOMMYNYX

AERODROME CHART

15°22' 51.02" N
073°49' 37.44" E

AERODROME ELEV. 186 ft.

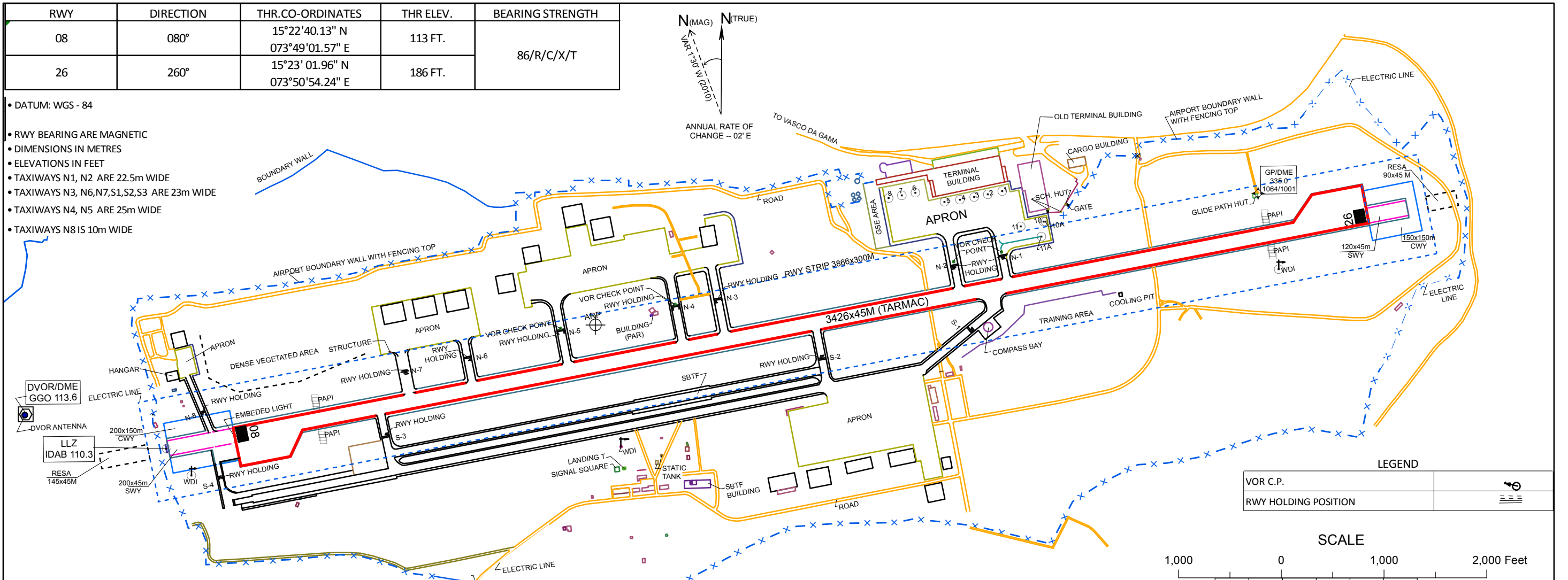
TWR 118.1/119.7

GOA, INDIA
GOA AIRPORT

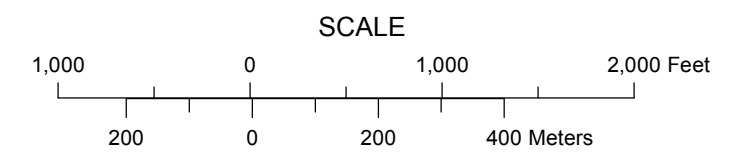
RWY	DIRECTION	THR.CO-ORDINATES	THR ELEV.	BEARING STRENGTH
08	080°	15°22'40.13" N 073°49'01.57" E	113 FT.	86/R/C/X/T
26	260°	15°23'01.96" N 073°50'54.24" E	186 FT.	

• DATUM: WGS - 84

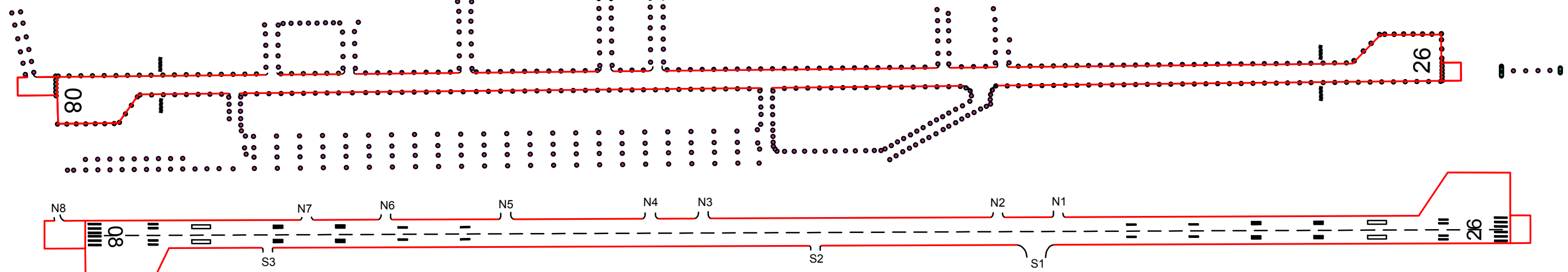
- RWY BEARING ARE MAGNETIC
- DIMENSIONS IN METRES
- ELEVATIONS IN FEET
- TAXIWAYS N1, N2 ARE 22.5m WIDE
- TAXIWAYS N3, N6,N7,S1,S2,S3 ARE 23m WIDE
- TAXIWAYS N4, N5 ARE 25m WIDE
- TAXIWAYS N8 IS 10m WIDE



LEGEND	
VOR C.P.	
RWY HOLDING POSITION	



LIGHTING DETAILS RUNWAY 08/26



MARKING AIDS RUNWAY 08/26

DATE OF AERONAUTICAL INFORMATION FEB. 2018 (UPDATED AS ON DATED 04-04-2019)

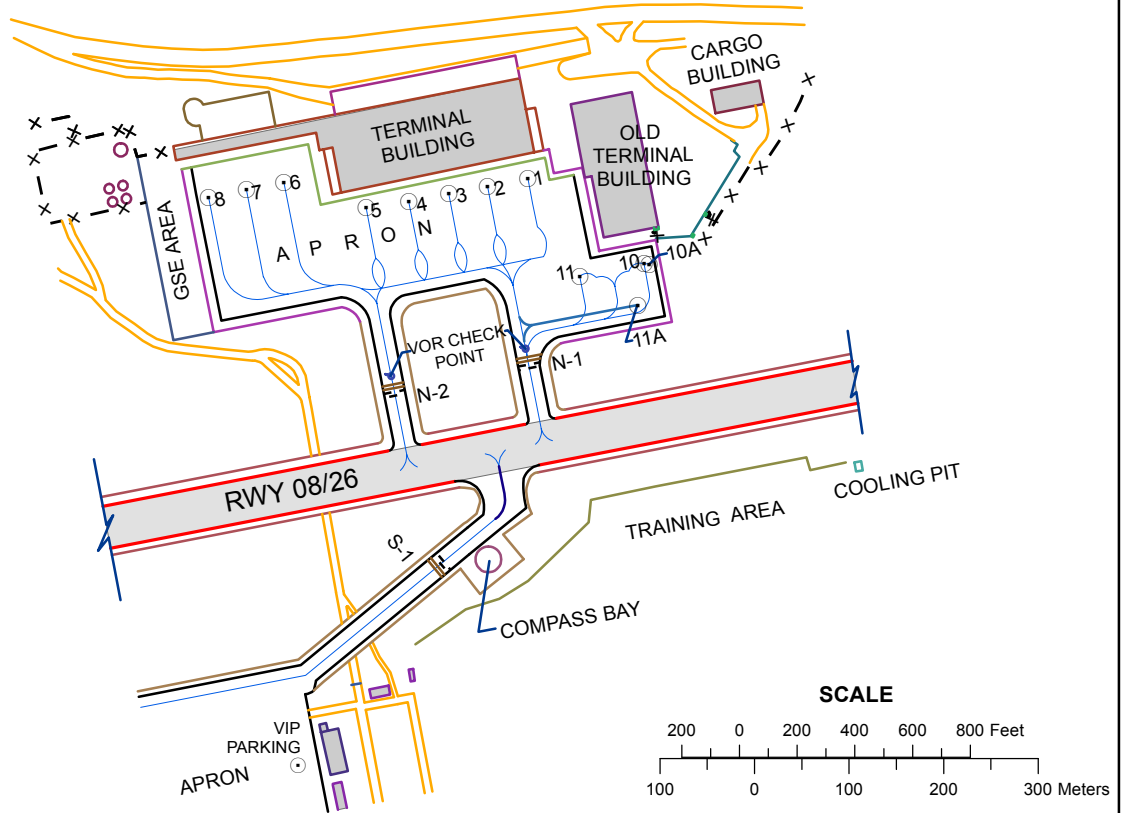
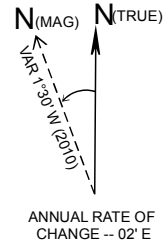
AIRCRAFT PARKING / DOCKING CHART

APRON ELEV.
157 FT.

TWR 118.1/119.7

GOA, INDIA GOA AIRPORT

- DATUM: WGS - 84
- RWY BEARING ARE MAGNETIC
- DIMENSIONS IN METRES
- ELEVATIONS IN FEET
- TAXIWAYS N1, N2 ARE 22.5m WIDE
- TAXIWAYS S1 IS 23m WIDE



NOTE: AERONAUTICAL GROUND LIGHTS ARE NOT SHOWN IN THIS CHART

LEGEND	
VOR C.P.	
AIRCRAFT STAND	4
RWY HOLDING POSITION	

TAXIWAY DETAILS			
TWY	WIDTH	SURFACE	STRENGTH
N-1	22.5	ASPH FOD	63/R/B/T
N-2	22.5	CNRT	63/R/B/T
S-1	23.0	FOD	PCN 41

BAY NO.	WGS CO-ORDINATES FOR AIRCRAFT STANDS		ELEV. IN FT.	PCN	SUITABILITY	REMARKS
1	15°23' 04.12952"N	073°50'17.86794" E	156	63/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
2	15°23' 03.85041"N	073°50'16.43838" E	157	63/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
3	15°23' 03.57589"N	073°50'15.06739" E	157	63/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
4	15°23' 03.30191"N	073°50'13.65344" E	156	63/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
5	15°23' 03.08434"N	073°50'12.13551" E	154	63/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
6	15°23' 03.94266"N	073°50'09.21769" E	152	109/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
7	15°23' 03.68264"N	073°50'07.88620" E	152	109/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
8	15°23' 03.41910"N	073°50'06.55673" E	151	109/R/B/W/T	A321/B737-900	POWER IN/PUSH BACK
10	15°23' 01.19898"N	073°50'22.00159" E	155			
10A	15°23' 01.19783"N	073°50'22.18947" E	155			
11A	15°22' 59.77891"N	073°50' 01.79649" E	156			
11	15°23' 00.76012"N	073°50'19.72850" E	157			
VIP	15°22' 43.88855"N	073°50'09.83639" E	157			

DATE OF AERONAUTICAL INFORMATION
FEB. 2018

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART

TYPE -A (OPERATING LIMITATIONS)

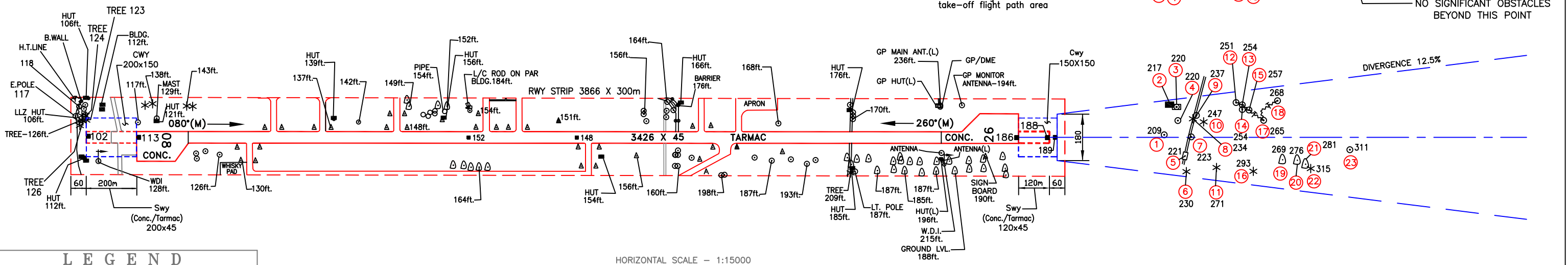
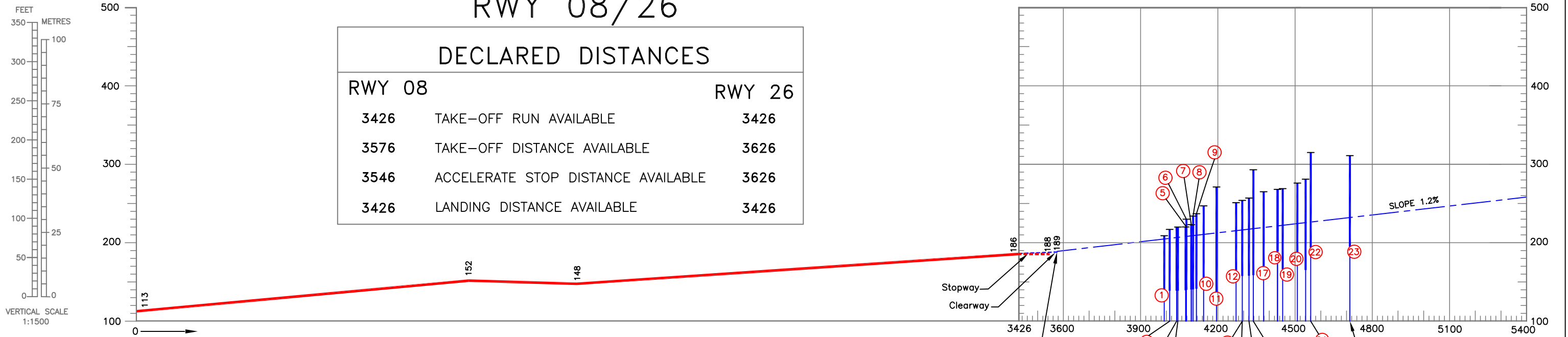
INDIA/GOA
GOA AIRPORT/RWY 08

MAGNETIC VARIATION 2°W (2010)

RWY 08/26

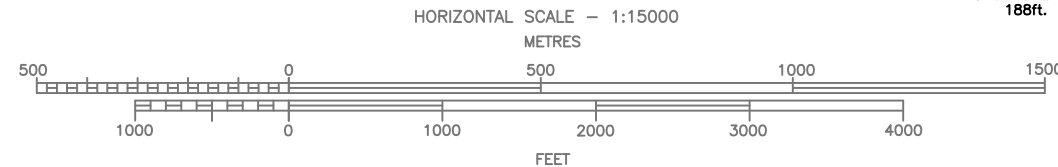
DECLARED DISTANCES

RWY 08		RWY 26
3426	TAKE-OFF RUN AVAILABLE	3426
3576	TAKE-OFF DISTANCE AVAILABLE	3626
3546	ACCELERATE STOP DISTANCE AVAILABLE	3626
3426	LANDING DISTANCE AVAILABLE	3426



LEGEND

	PLAN	PROFILE
IDENTIFICATION NUMBER	①	—
BUILDING, LARGE STRUCTURE, HUT	■	—
TREE OR SHRUB	*	—
ANTENNA ON BUILDING	⊠	—
MOBILE ROAD TRAFFIC	—	—
GROUND LEVEL, SPOT LEVEL	△	○
POLE, TOWER, SPIRE ANTENNA ETC..	○	—
SIGN BOARD	▲	—
HIGH TENSION LINE	~	—
PIPE	○	—
RWY ELEV. (SPOT)	■	152



ORDER OF ACCURACY

HORIZONTAL - 3.0m
VERTICAL - 1ft.

NOTES:-

- The objects that have been shielded due to presence of other higher objects have not been shown in this chart.
- Datum - All Elevations are AMSL.
- Periphery road without traffic is no obstacle.
- Consult Notam for latest information.
- Rwy directions rounded to nearest degree. (Magnetic)
(In degree minute : Rwy 08/26 = 080°13'/260°13')(2010)
(In degree minute : Rwy 08/26 = 080°30'/260°30')(2017)
- Magnetic variation rounded to nearest degree 1°30'W, Annual rate of change 02' E (2010).
- All obstacles shown in this chart are based on aeronautical obstacle Survey June 2017.
- Chart prepared based on CAR Section 9 AS&ATM ATM Series 'G', Part-I.

AMENDMENT RECORD

NO.	DATE	ENTERED BY
1.	06.03.19	Chart revised as per amnd. survey data/ AIP Suplt. data.
2.	29.03.19	Chart revised as per stn. mail dt.26-03-19 reg.Swy/Cwy dimn.

AERONAUTICAL INFORMATION UPTO- FEB.2019

वैमानिक सूचना - फरवरी 2019 तक

COMPILED BY : CARTO, AIRPORTS AUTHORITY OF INDIA

संग्रहित किया : कार्टो, भारतीय विमानपत्तन प्राधिकरण

CHART No. AAI/05-OBS/CARTO/2018

चार्ट सं. भा.वि.प्रा./05-अव./कार्टो/2018

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART

TYPE -A (OPERATING LIMITATIONS)

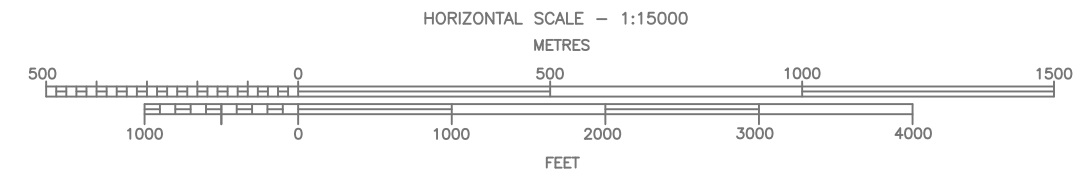
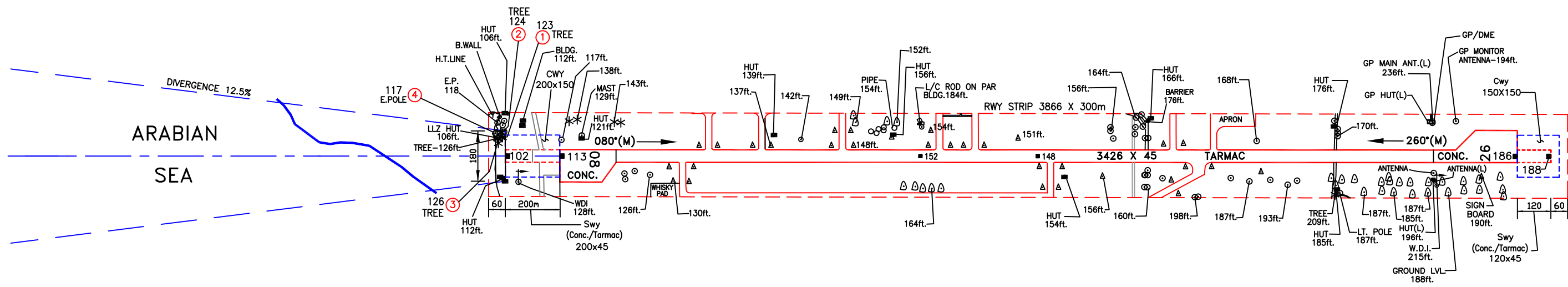
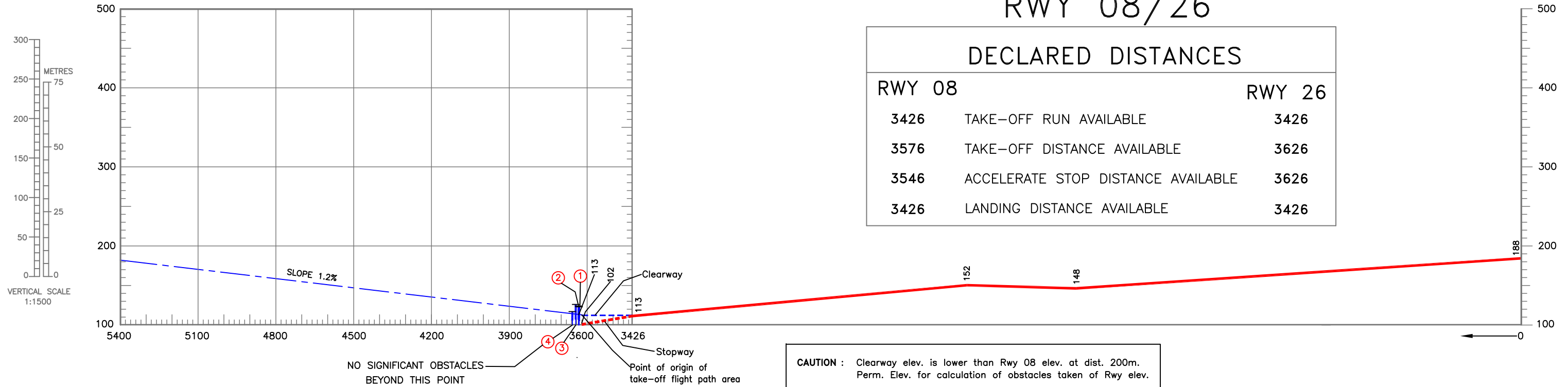
INDIA/GOA
GOA AIRPORT/RWY 26

MAGNETIC VARIATION 2°W (2010)

RWY 08/26

DECLARED DISTANCES

RWY 08		RWY 26
3426	TAKE-OFF RUN AVAILABLE	3426
3576	TAKE-OFF DISTANCE AVAILABLE	3626
3546	ACCELERATE STOP DISTANCE AVAILABLE	3626
3426	LANDING DISTANCE AVAILABLE	3426



ORDER OF ACCURACY
HORIZONTAL - 3.0m
VERTICAL - 1ft.

LEGEND		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
POLE, TOWER, SPIRE, ANTENNA ETC..	⊙	
GROUND LEVEL, SPOT LEVEL	△	
BUILDING, LARGE STRUCTURE, HUT	■	
TREE OR SHRUB	*	①
SIGN BOARD	▲	
PIPE	○	
HIGH TENSION LINE	~	
RWY ELEV. (SPOT)	■152	

- NOTES:-**
- The objects that have been shielded due to presence of other higher objects have not been shown in this chart.
 - Datum - All Elevations are AMSL.
 - Periphery road without traffic is no obstacle.
 - Consult Notam for latest information.
 - Rwy directions rounded to nearest degree. (Magnetic)
(In degree minute : Rwy 08/26 = 080°13'/260°13')(2010)
(In degree minute : Rwy 08/26 = 080°30'/260°30')(2017)
 - Magnetic variation rounded to nearest degree 1°30'W, Annual rate of change 02' E (2010).
 - All obstacles shown in this chart are based on aeronautical obstacle Survey June 2017.
 - Chart prepared based on CAR Section 9 AS&ATM ATM Series 'G', Part-I.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY
1.	06.03.19	Chart revised as per amnd. survey data/ AIP Suplt. data.
2.	29.03.19	Chart revised as per stn. mail dt.26-03-19 reg.Swy/Cwy dimn.

AERONAUTICAL INFORMATION UPTO- FEB.2019
वैमानिक सूचना - फरवरी 2019 तक

COMPILED BY : CARTO, AIRPORTS AUTHORITY OF INDIA
संग्रहित किया : कार्टो, भारतीय विमानपत्तन प्राधिकरण

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