

AD 2. AERODROMES**VAKE AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

VAKE - KANDLA / DOMESTIC

VAKE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	230644N 0700602E 052 DEG MAG/762 M From Physical Beginning of RWY
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	325 Degree, 10KM from Gandhidham Railway station
3	Aerodrome elevation and reference temperature	96 FT / 39.0 DEG C
4	Magnetic variation, date of information and annual change	0.00 DEG (2010) /0.033 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, Kandla Airport, Kandla - 370240
	Telephone:	+91-2836-257628 +91-9825235079
	Fax:	+91-2836-257418
	AFS:	VAKEYDYX
	Email:	cnsic_vake@AAI.AERO
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	Night landing facility not available

VAKE AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI : 0400-1230 UTC (0930-1800 IST) SAT, SUN+HOL: Nil
2	Custom and immigration	NIL
3	Health and sanitation	NIL
4	AIS briefing office	NIL
5	ATS reporting office (ARO)	NIL
6	MET Briefing office	As ATS
7	Air Traffic Service	Consult Current NOTAM for ATS HR.
8	Fuelling	NOT Available
9	Handling	As ATS
10	Security	As ATS
11	De-icing	NIL
12	Remarks	1. 24 HR prior notice for non-scheduled flights. 2. The ATS APV hourly RWY TFC handling capacity is as FLW: MAX number of ARR and DEP -12 MAX number of ARR only -06 (The minimum spacing between two successive arrivals is 10 min) MAX number of DEP only-10(The minimum spacing between two successive DEP is 06 min)

VAKE AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	NIL
3	Fuelling facilities and capacity	NIL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VAKE AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	In the city
2	Restaurant(s) at or in the vicinity of aerodrome	In the city
3	Transportation possibilities	Taxis from city to AD.
4	Medical Facilities	First aid at AD. Hospital in city.
5	Bank and post office at or in the vicinity of aerodrome	Banks: In the city. Post office: In the city
6	Tourist office	In the city.
7	Remarks	NIL

VAKE AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-3
2	Rescue equipment	Available as per category.
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

VAKE AD 2.7 SEASONAL AVAILABILITY CLEARING

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

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

1	Designation, surface and strength of aprons	Refer Aircraft Parking/Docking Chart
2	Designation, width, surface and strength of taxiways	Refer Aircraft Parking/Docking Chart
3	Location and elevation of altimeter checkpoints	Location: At apron Elevation: 90FT
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints	NIL
6	Remarks	

VAKE 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	Taxiing guidance provided on R/T.
2	Runway and taxiway markings and lights	RWY Markings: THR, Centreline, Designation, TDZ, Edge RWY Lighting: Nil. TWY Markings: Centreline, Holding Positions. TWY Lighting: Nil.
3	Stop bars (if any)	NIL
4	Remarks	Night landing facility not available.

VAKE AD 2.10 AERODROME OBSTACLES

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation	Marking/LGT	Remarks
23/TKOF 05/APCH	TREE	230623.0N 0700527.6E	125 FT	NIL	Group of Trees
23/TKOF 05/APCH	OTHER	230627.5N 0700539.2E	97 FT	NIL	APP Light
23/TKOF 05/APCH	POLE	230557.1N 0700452.6E	255 FT	NIL	Mast
23/TKOF 05/APCH	BUILDING	230712.3N 0700636.3E	128 FT	NIL	Building
23/TKOF 05/APCH	POLE	230718.4N 0700656.4E	186 FT	NIL	Mast
In circling area and at AD	BUILDING	230601.7N 0700519.4E	227 FT	NIL	Factory Shed
In circling area and at AD	INDUSTRIAL SYSTEM	230556.7N 0700530.5E	261 FT	NIL	Chimney
In circling area and at AD	INDUSTRIAL SYSTEM	230554.2N 0700530.1E	264 FT	NIL	Chimney
In circling area and at AD	BUILDING	230619.7N 0700444.7E	267 FT	NIL	Factory Shed
In circling area and at AD	INDUSTRIAL SYSTEM	230621.5N 0700444.2E	270 FT	NIL	Chimney
In circling area and at AD	INDUSTRIAL SYSTEM	230651.6N 0700425.0E	398 FT	NIL	Chimney
In circling area and at AD	INDUSTRIAL SYSTEM	230650.6N 0700454.7E	296 FT	NIL	Chimney
In circling area and at AD	BUILDING	230701.0N 0700457.9E	303 FT	NIL	Factory Shed

VAKE AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Kandla, Class 3
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	0600-1800 IST
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Ahmedabad 9 and 24 Hr
4	Availability of the trend forecast for the aerodrome and interval of issuance	NIL
5	Information on how briefing and/or consultation is provided	NIL
6	Types of flight documentation supplied and language(s) used in flight documentation	Tabular Form English
7	Charts and other information displayed or available for briefing or consultation	NIL
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	Barometer/DIWE/Thermometer Anemometer/Wind Wane.
9	The air traffic services unit(s) provided with meteorological information	Kandla ATC and ACS
10	Additional information, e.g. concerning any limitation of service.	Documentation provided A/R

VAKE AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations	TRUE Bearings	Dimensions of RWY (M)	Strength of pavement (PCN) and associated data) and surface of runway and associated stopways	Geographical coordinates for threshold and runway end
1	2	3	4	5
05	50.04 DEG	1524 x 30 M	21/F/C/W/T	THR: 230628.79N 0700540.83E RWY END: 230700.60N 0700621.89E
23	230.04 DEG	1524 x 30 M	21/F/C/W/T	THR: 230700.60N 0700621.89E RWY END: 230628.79N 0700540.83E

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: 96.0FT TDZ: 96.0FT				1644 x 150 M
THR: 96.0FT TDZ: 96.0FT				1644 x 150 M

Dimensions of runway end safety areas	Location and description of arresting system (if any)	Existence of an obstacle-free zone	Remarks.
11	12	13	14
90M x 90M			NIL
90M x 90M			NIL

VAKE AD 2.13 DECLARED DISTANCES

RWY Designator	Take-off run available TORA (M)	Take-off distance available TODA (M)	Accelerate distance available ASDA (M)	Landing distance available LDA (M)	Remarks (including runway entry or start point where alternative reduced declared distances have been declared)
1	2	3	4	5	6
05	1524	1524	1524	1524	
23	1524	1524	1524	1524	

VAKE 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
05			NIL	
23			NIL	
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
				NIL
				NIL

VAKE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	At Tower Building, FLG W&G EV2SEC
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	NIL
		Anemometer	NIL
3	Taxiway edge and taxiway centre line lights;	Edge	NIL
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Not Avbl	
5	Remarks	NIL	

VAKE 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 established
2	TLOF and/or FATO area elevation:	--
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	--
4	True bearings of FATO;	--
5	Declared distances available	--
6	Approach and FATO lighting;	--
7	Remarks	--

VAKE AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	Not established
2	Vertical limits	Not established
3	Airspace classification	G
4	Call sign and language(s) of the air traffic services unit providing service;	Kandla Tower, English
5	Transition altitude	4000 FT
6	Hours of applicability	
7	Remarks	ACFT to coordinate for climb/descend with Bhuj/Jamnagar ATC.

VAKE AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Kandla Tower	118.600 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	Recording FAC not AVBL.

VAKE AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, magnetic variation and type of supported operation for ILS/MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical lineup of the aid	Identification	Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate	Hours of operation, as appropriate;
1	2	3	4
NDB	KD	335 kHz	Consult NOTAM
DME	KND	CH124X	Consult NOTAM

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
5	6	7	8
230641.3N 0700613.9E			
230641.1N 0700613.7E	112 FT		COLOCATED WITH NDB "KD"

VAKE AD 2.20 LOCAL AERODROME REGULATIONS

VAKE AD 2.21 NOISE ABATEMENT PROCEDURES

VAKE AD 2.22 FLIGHT PROCEDURES

VAKE AD 2.23 ADDITIONAL INFORMATION

VAKE AD 2.24 CHARTS RELATED TO AN AERODROME

1. Aerodrome Chart
2. Aircraft Parking/Docking Chart
3. NDB Procedure RWY 23 (CAT A/B) (DME REQUIRED)

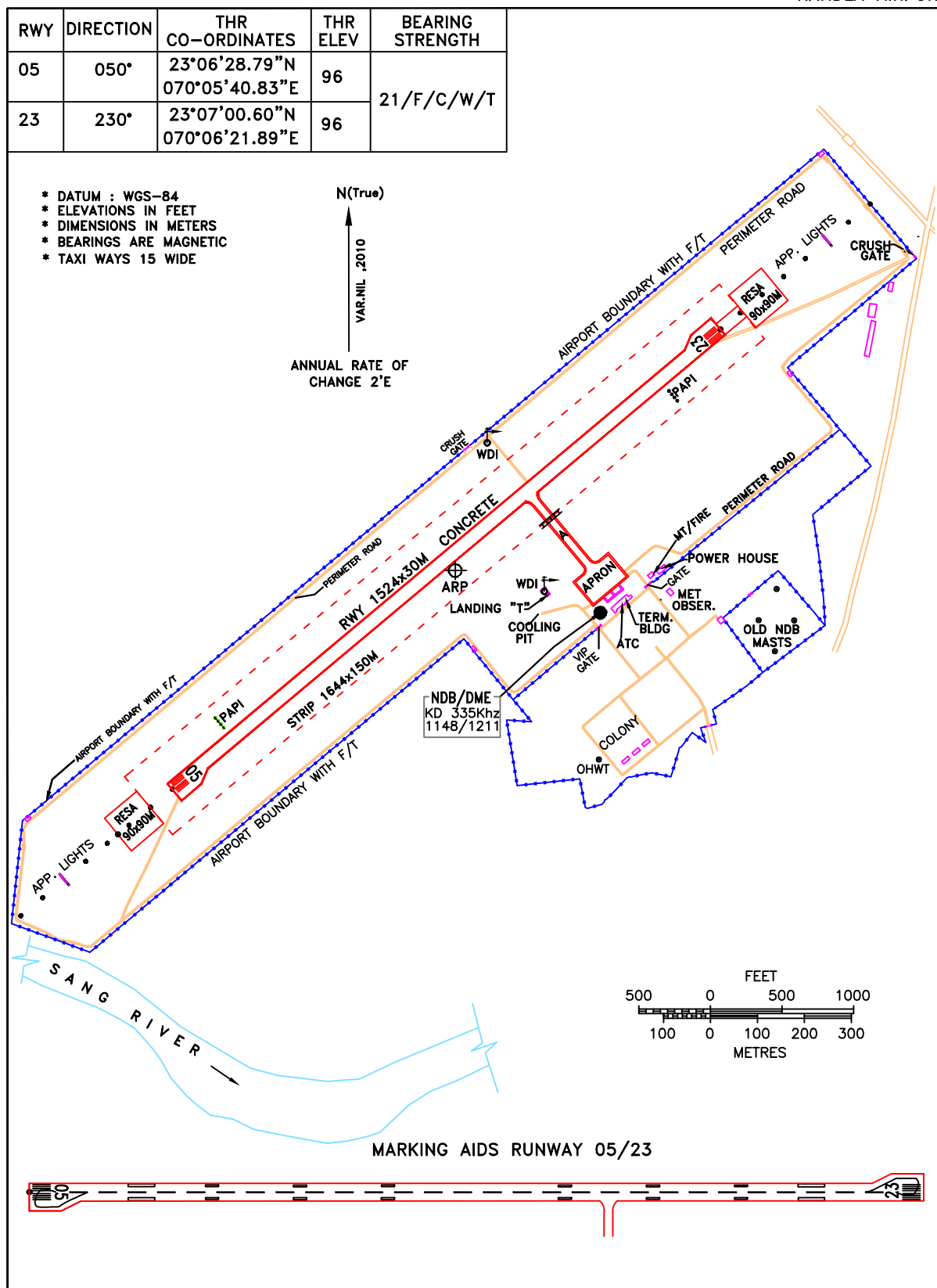
AERODROME CHART

23°06'43.92"N
070°06'02.04"E ELEV 96

TWR 122.3

KANDLA, INDIA

KANDLA AIRPORT

DATE OF AERONAUTICAL INFORMATION
OCTOBER 2016

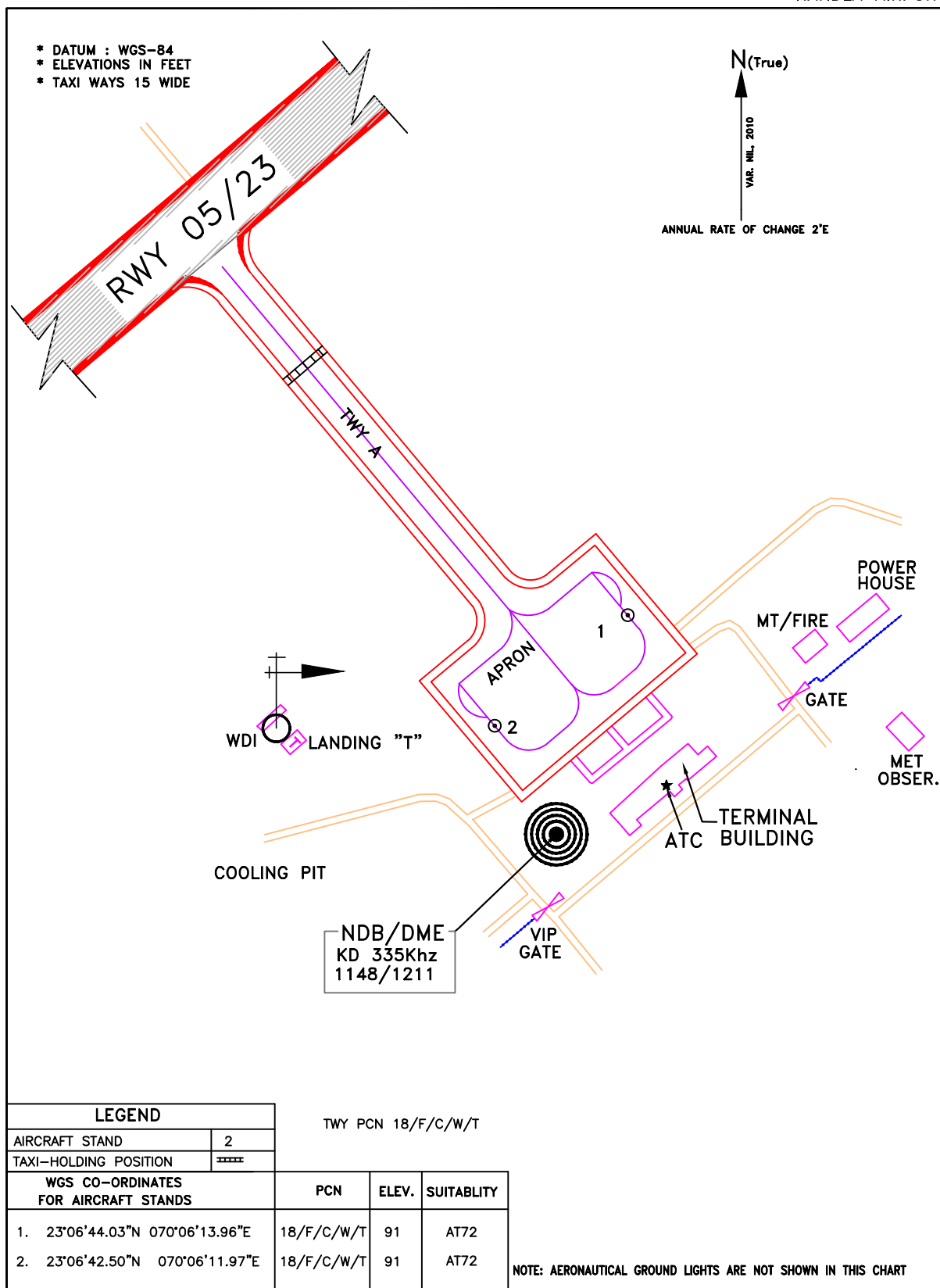
AIRCRAFT PARKING/
DOCKING CHART

APRON ELEV 91

TWR 122.3

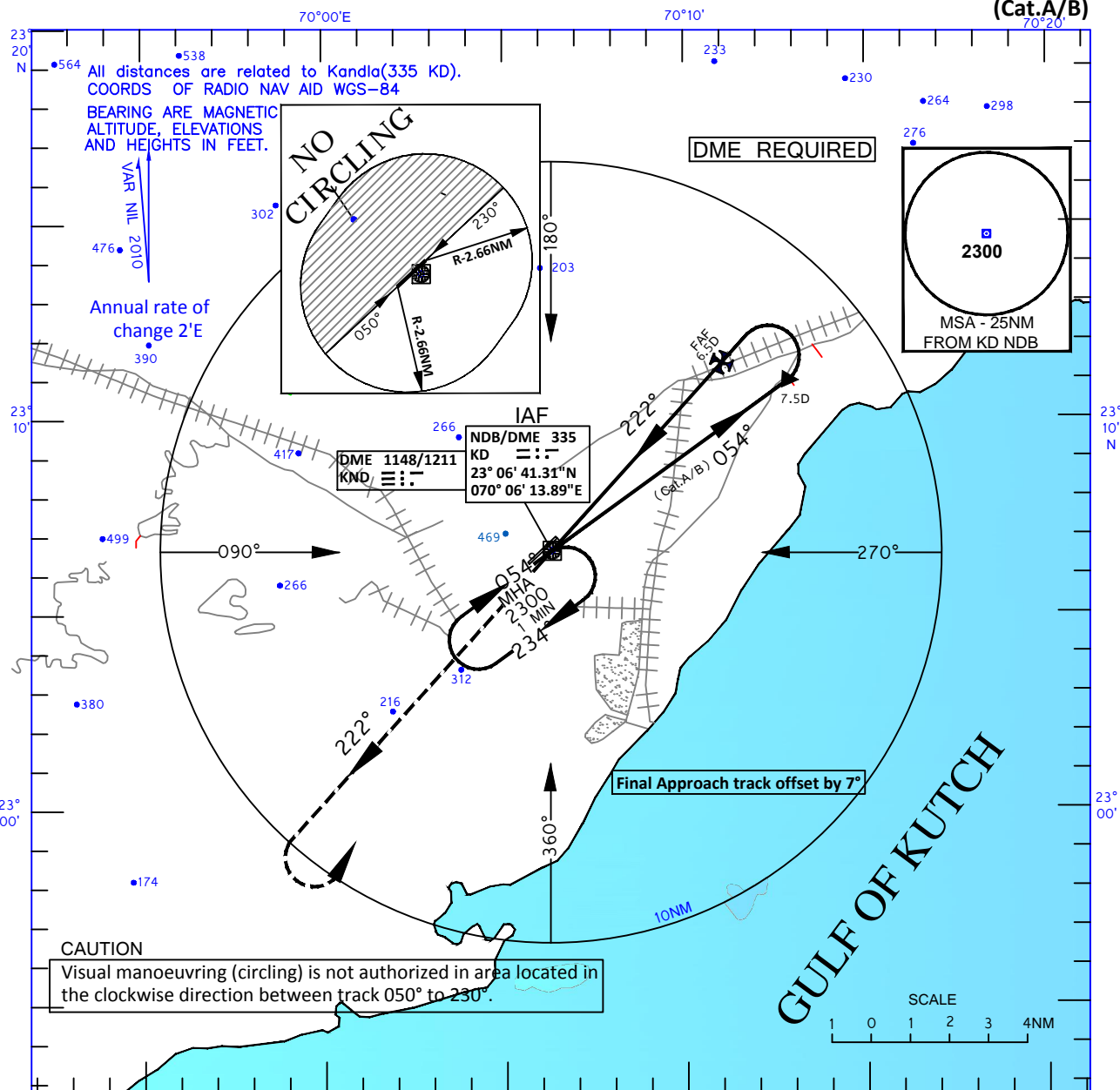
KANDLA, INDIA

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**INSTRUMENT
APPROACH
CHART**Aerodrome Elev 96Ft
Heights related to:
THR RWY23-Elev 96Ft

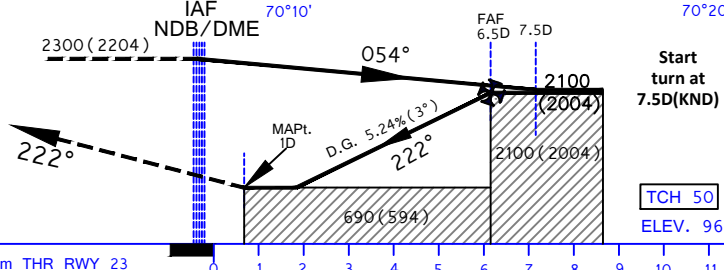
TWR 122.3

**KANDLA(VAKE)
INDIA
NDB RWY 23
(Cat.A/B)**

Transition Altitude 4000Ft

MISSED APPROACH

Climb straight ahead to 2300Ft, then turn LEFT to NDB (335 KD) to join holding or as instructed by ATC.



Nautical miles from THR RWY 23

O C A (O C H)		Distance (NDB DME) /Altitude information					
CATEGORY OF AIRCRAFT	A/B	Distance (NM)	6.5D	6D	5D	4D	3D
STRAIGHT-IN		690 (594)		2100	1960	1640	1320
CIRCLING		690 (594)					1000
		Rate of Descent /Ground speed information					
		Ground speed (kt.)	80	100	120	140	
		Rate of descent (ft/min)	425	530	635	745	

DRG. NO. AAI/06-IALC/2016/23.08.16