

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

VOHB - HUBLI / DOMESTIC

**VOHB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	Aerodrome reference point coordinates and its site	152143N 0750504E 080.75 DEG MAG / 807 M from physical beginning of RWY 08
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	270 DEG/ 08 KM from Hubli Railway Station
3	Aerodrome elevation and reference temperature	2172 FT / 31.0 DEG C
4	Magnetic variation, 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)	Airports Authority of India, Hubli Airport, Hubli Karnatka-580030, Telephone: +91-836-2237921 Fax: +91-836-2237920 AFS: Nil Email:
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	NIL

**VOHB AD 2.3 OPERATIONAL HOURS**

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT, SUN+ HOL: NIL
2	Custom and immigration	As ATS
3	Health and sanitation	NIL
4	AIS briefing office	As ATS
5	ATS reporting office (ARO)	As ATS
6	MET Briefing office	As ATS
7	Air Traffic Service	Consult NOTAM for current ATS HR.
8	Fuelling	As ATS
9	Handling	As ATS
10	Security	As ATS
11	De-icing	NIL
12	Remarks	

**VOHB 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

**VOHB 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	Arranged Taxi/Auto
4	Medical Facilities	First aid at AD. Hospital in the 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

**VOHB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

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

**VOHB AD 2.7 SEASONAL AVAILABILITY CLEARING**

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

**VOHB 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	Designator: TWY A Width: 15 M Surface: Asphalt Strength: PCN 44/F/C/W/T  Designator: TWY B Width: 15 M Surface: Asphalt Strength: PCN 21/F/C/W/T
3	Location and elevation of altimeter checkpoints	Nil
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints	NIL
6	Remarks	Apron floodlights available.

**VOHB 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	Taxiway guideline, Taxi holding position and aircraft stand markings are provided on the apron.
2	Runway and taxiway markings and lights	RWY Markings: Designation, THR, Aiming point, Centreline, Edge and RWY end, Displaced THR. Lighting: THR, Edge, End.  TWY Marking: Centreline, Holding Position, Edge. Lighting: Edge.

3	Stop bars (if any)	Nil
4	Remarks	

**VOHB 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
26/TKOF 08/APCH	TREE	152140.3N 0750404.6E	2254 FT	NIL	Group of Trees
26/TKOF 08/APCH	ANTENNA	152142.2N 0750432.8E	2195 FT	NIL	DVOR Antenna (building top 666.5M)
26/TKOF 08/APCH	BUILDING	152129.0N 0750416.1E	2217 FT	NIL	Building (Gowdown)
26/TKOF 08/APCH	BUILDING	152129.7N 0750417.0E	2217 FT	NIL	Building
26/TKOF 08/APCH	TREE	152132.9N 0750408.7E	2238 FT	NIL	Group of Trees
26/TKOF 08/APCH	POLE	152130.3N 0750422.8E	2216 FT	NIL	Electric pole
26/TKOF 08/APCH	OTHER	152130.6N 0750418.9E	2206 FT	NIL	Mobile road traffic (road elev.667.4 M+5M mobile traffic)
26/TKOF 08/APCH	OTHER	152132.6N 0750435.4E	2190 FT	NIL	Wire fencing top
26/TKOF 08/APCH	OTHER	152129.5N 0750424.0E	2206 FT	NIL	Mobile road traffic (road elev.667.5 M+5M mobile traffic)
26/TKOF 08/APCH	POLE	152131.6N 0750415.3E	2214 FT	NIL	Electric Pole
26/TKOF 08/APCH	OTHER	152142.0N 0750433.4E	2208 FT	NIL	Lightning conductor top
26/TKOF 08/APCH	OTHER	152141.5N 0750430.8E	2180 FT	NIL	Security hut
26/TKOF 08/APCH	POLE	152131.0N 0750414.4E	2215 FT	NIL	Electric pole
26/TKOF 08/APCH	TREE	152134.1N 0750359.4E	2244 FT	NIL	Group of Trees
26/TKOF 08/APCH	TREE	152131.0N 0750407.9E	2243 FT	NIL	Group of Trees
26/APCH 08/TKOF	TREE	152150.8N 0750539.3E	2188 FT	NIL	Group of Trees
26/APCH 08/TKOF	TREE	152147.9N 0750538.8E	2181 FT	NIL	Group of Trees
26/APCH 08/TKOF	OTHER	152142.8N 0750539.1E	2150 FT	NIL	Security hut
26/APCH 08/TKOF	TREE	152142.6N 0750541.8E	2188 FT	NIL	Group of Trees
In circling area and at AD	TREE	152128.6N 0750424.6E	2271 FT	NIL	Group of Trees
In circling area and at AD	OTHER	152206.1N 0750237.4E	2375 FT	NIL	O. H. W. T
In circling area and at AD	POLE	152129.0N 0750425.2E	2215 FT	NIL	Electric pole

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
In circling area and at AD	TREE	152127.6N 0750428.2E	2263 FT	NIL	Group of Trees
In circling area and at AD	OTHER	152205.1N 0750246.2E	2346 FT	NIL	Pylon mast
In circling area and at AD	BUILDING	152207.1N 0750221.5E	2384 FT	NIL	Temple on Hillock
In circling area and at AD	TREE	152142.9N 0750437.5E	2190 FT	NIL	Group of Trees
In circling area and at AD	ANTENNA	152142.5N 0750432.9E	2201 FT	NIL	DVOR DME Antenna top
In circling area and at AD	OTHER	152143.8N 0750257.1E	2374 FT	NIL	Mast
In circling area and at AD	ANTENNA	152143.5N 0750430.3E	2202 FT	NIL	DVOR monitor Antenna
In circling area and at AD	POLE	152139.0N 0750533.9E	2173 FT	NIL	Electric pole
In circling area and at AD	POLE	152139.4N 0750537.4E	2160 FT	NIL	Electric pole
In circling area and at AD	POLE	152150.1N 0750535.4E	2159 FT	NIL	Electric pole
In circling area and at AD	POLE	152138.2N 0750527.9E	2176 FT	NIL	Electric pole
In circling area and at AD	POLE	152138.6N 0750530.6E	2174 FT	NIL	Electric pole
In circling area and at AD	OTHER	152139.4N 0750526.3E	2159 FT	NIL	Security hut
In circling area and at AD	POLE	152149.4N 0750530.6E	2151 FT	NIL	Electric pole
In circling area and at AD	BUILDING	152134.1N 0750530.0E	2218 FT	NIL	Building
In circling area and at AD	TREE	152136.6N 0750532.5E	2203 FT	NIL	Group of Trees
In circling area and at AD	POLE	152138.6N 0750536.9E	2171 FT	NIL	Electric pole
In circling area and at AD	POLE	152138.8N 0750540.0E	2169 FT	NIL	Electric pole
In circling area and at AD	POLE	152237.3N 0750743.4E	2439 FT	NIL	Flood light pole
In circling area and at AD	BUILDING	152235.3N 0750745.0E	2403 FT	NIL	Temple
In circling area and at AD	POLE	152149.7N 0750532.9E	2150 FT	NIL	Electric pole
In circling area and at AD	ANTENNA	152236.1N 0750744.3E	2456 FT	NIL	Antenna on VHF mast on hill top
In circling area and at AD	OTHER	152143.7N 0750257.2E	2374 FT	NIL	Mast
In circling area and at AD	OTHER	152449.8N 0750229.5E	2669 FT	NIL	Mast
In circling area and at AD	OTHER	152309.3N 0750454.8E	2363 FT	NIL	Cell Phone mast
In circling area and at AD	BUILDING	152309.3N 0750504.2E	2330 FT	NIL	H T tower
In circling area and at AD	OTHER	152320.5N 0750616.4E	2321 FT	NIL	Mast

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
In circling area and at AD	ANTENNA	152236.0N 0750744.2E	2456 FT	NIL	Antenna on VHF mast on hill Top
In circling area and at AD	ANTENNA	152133.2N 0750512.2E	2246 FT	NIL	Antenna (GAGAN)
In circling area and at AD	OTHER	152133.3N 0750512.3E	2233 FT	NIL	ATC tower antenna top beacon top
In circling area and at AD	OTHER	152144.0N 0750509.3E	2174 FT	NIL	W.D. I

**VOHB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Name of the associated meteorological office	Hubli
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	NIL
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Bengaluru 9, 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	---- 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;	Nil
9	The air traffic services unit(s) provided with meteorological information	VOHB Hubli TWR
10	Additional information, e.g. concerning any limitation of service.	Half hourly METAR during ATS HR.

## VOHB 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
08	82.93 DEG	1674 x 30 M	40/F/C/W/T Macadam	THR: 152138.21N 0750440.58E
26	262.93 DEG	1674 x 30 M	40/F/C/W/T Macadam	THR: 152144.28N 0750531.00E

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: 2171.0FT TDZ: 2171.0FT	-0.57%	30 x 60 M	150 x 60	1914 x 150 M
THR: 2142.0FT TDZ: 2167.0FT	0.57%	30 x 60 M	150 x 60	1914 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
		Nil	NIL
	N/A	Nil	NIL

## VOHB 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
08	1674	1734	1734	1569	THR Displaced by 105M
26	1674	1734	1734	1620	THR Displaced by 54M

**VOHB 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	SALS 420 M LIH	Green	PAPI LEFT/3.00 DEG	
26	SALS 420 M LIH	Green	PAPI LEFT/3.00 DEG	

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
	1674 M 60 M White LIH	Red		NIL
	1674 M 60 M White LIH	Red		NIL

**VOHB 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 20 to 30 flashes/min As ATS HR
		IBN	---
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	BTN TWY A and B lighted
		Anemometer	Top of terminal building, Not Lighted.
3	Taxiway edge and taxiway centre line lights;	Edge	Lighted
		Centre Line	-----
4	Secondary power supply including switch-over time;	Available. Switch-over time: 15 Sec.	
5	Remarks	NIL	

**VOHB 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:	Not Established
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	Not Established
4	True bearings of FATO;	Not Established
5	Declared distances available	Not Established
6	Approach and FATO lighting;	Not Established
7	Remarks	Not Established

**VOHB AD 2.17 AIR TRAFFIC SERVICE AIRSPACE**

1	Airspace designation, geographical coordinates and lateral limits	CTR: Area bounded by lines joining points 154641N 0750747E then along the clockwise arc of a circle of 25NM radius centred on ARP VOHB (152143N 0750504E) to 152127N 0743912E then along the counter clockwise arc of a circle of 30NM radius centred on ARP VOBM (155130N 0743704E) to point of origin.
2	Vertical limits	FL 95
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Hubli Tower, English
5	Transition altitude	6000 FT
6	Hours of applicability	
7	Remarks	APP, TWR and SMC functions provided by Hubli TWR.

**VOHB AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES**

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Hubli Tower	122.200 MHZ	
ATIS	Hubli Information	127.400 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	SMC, TWR and APP combined
	As ATS	NIL

**VOHB 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
VOR/DME	HBL	113.400 MHz CH81X	As ATS
NDB	HB	402 kHz	As ATS



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
152154.5N 0750547.5E	2157 FT		
152130.3N 0750500.8E			

**VOHB AD 2.20 LOCAL AERODROME REGULATIONS**

NIL

**VOHB AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**VOHB AD 2.22 FLIGHT PROCEDURES**

NIL

**VOHB AD 2.23 ADDITIONAL INFORMATION**

1.DGCA India has granted permanent exemption in respect of following non-compliance against requirements specified in DGCA CAR Section 4, Series B, Part1:

i.Installation of RWY exit sign at non-standard distance. The spacing between TWY 'A' and TWY 'B' is only 90M. So, exit sign board could not be provided as per car standards between TWY 'A' and TWY 'B'. Car section 5.4.3.17

**VOHB AD 2.24 CHARTS RELATED TO AN AERODROME**

- 1.Aerodrome Chart
- 2.Aircraft Parking/ Docking Chart
- 3.Aerodrome Obstacle Chart Type A, RWY 08
- 4.Aerodrome Obstacle Chart Type A, RWY 26
- 5.NDB Visual Circling (Cat A/B)
- 6.VOR Procedure RWY 26 (CAT A/B/C) (DME Required)

AERODROME CHART      15°21'42.62"N  
75°05'03.72"E      ELEV. 2172

TWR 122.2

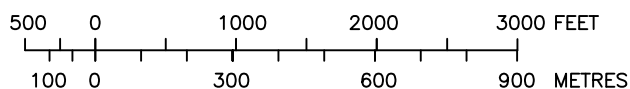
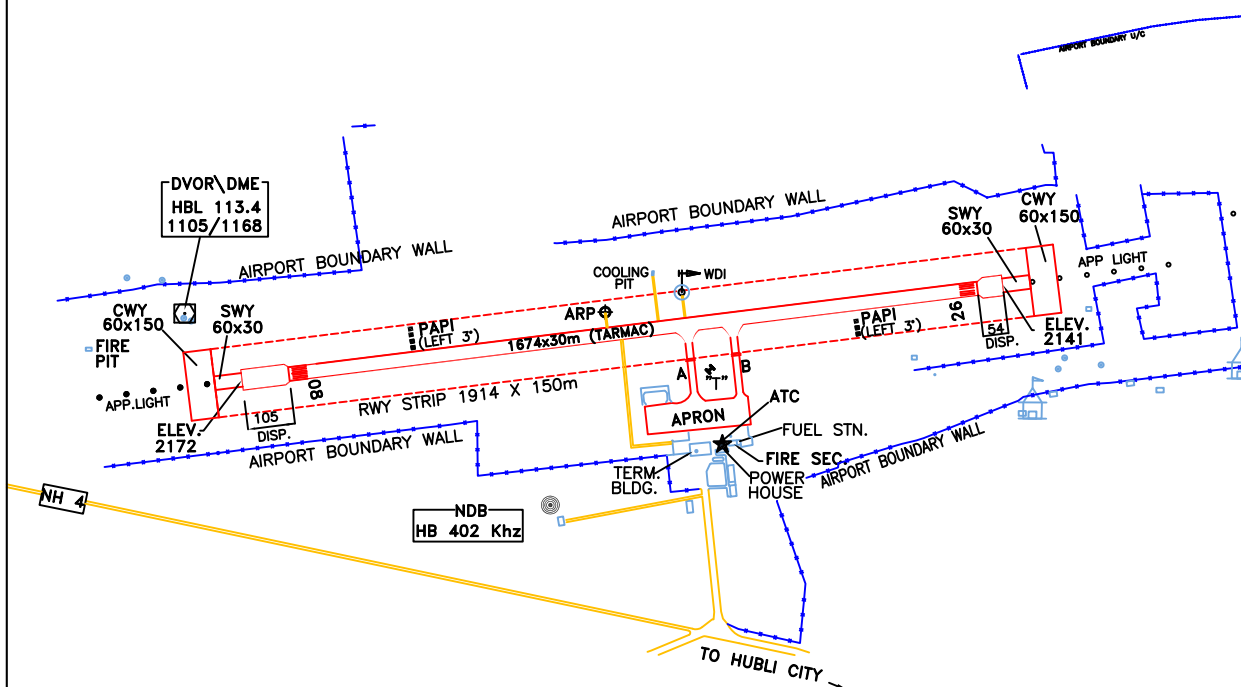
HUBLI, INDIA

HUBLI AIRPORT

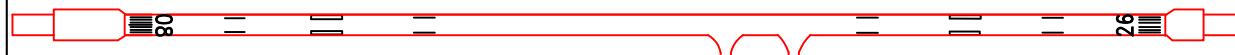
RWY	DIRECTION	THR CO-ORDINATES	THR ELEV.	BEARING STRENGTH
08	84°	15°21'38.21"N 75°04'40.58"E	2171	40/F/C/W/T
26	264°	15°21'44.28"N 75°05'31.00"E	2142	



- \* DATUM : WGS-84
- \* BEARINGS ARE MAGNETIC
- \* DIMENSIONS IN METRES
- \* ELEVATIONS IN FEET.
- \* TAXI WAYS 15 WIDE



MARKINGS AIDS RUNWAY 08/26



NOTE: -  
1. AERONAUTICAL GROUND LIGHTS ARE NOT SHOWN IN THIS CHART

DATE OF AERONAUTICAL INFORMATION  
OCTOBER 2014

AIRCRAFT PARKING/  
DOCKING CHART

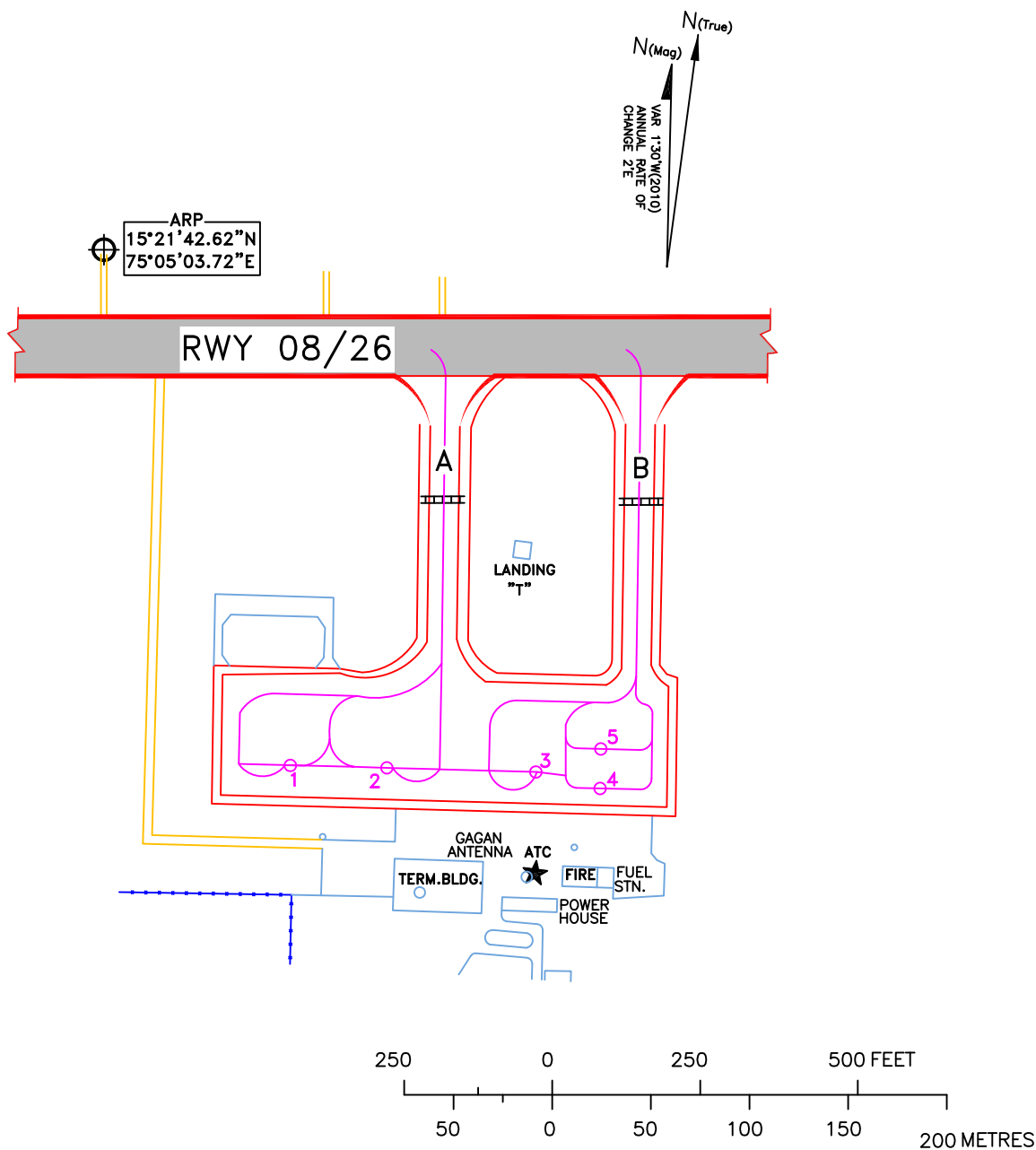
APRON ELEV 2173

TWR 122.2

HUBLI, INDIA

HUBLI AIRPORT

- \* DATUM : WGS-84
- \* DIMENSIONS IN METRES
- \* ELEVATIONS IN FEET.
- \* TWYS 15M WIDE



LEGEND	
AIRCRAFT STAND	5
TAXI-HOLDING POSITION	XXXX

NO.	WGS CO-ORDINATES	SUITABILITY	PCN
1.	15°21'34.56"N 075°05'07.94"E	AT45	19/R/B/W/T
2.	15°21'34.71"N 075°05'09.57"E	AT45	72/R/A/W/T
3.	15°21'34.95"N 075°05'12.09"E	AT45	72/R/A/W/T
4.	15°21'34.81"N 075°05'13.21"E	PRM1	19/R/B/W/T
5.	15°21'35.45"N 075°05'13.14"E	PRM1	19/R/B/W/T

TWY	PCN
TWY "A"	44/F/C/W/T
TWY "B"	21/F/C/W/T

NOTE: -  
1. AERONAUTICAL GROUND LIGHTS ARE NOT SHOWN IN THIS CHART

DATE OF AERONAUTICAL INFORMATION  
OCTOBER 2014

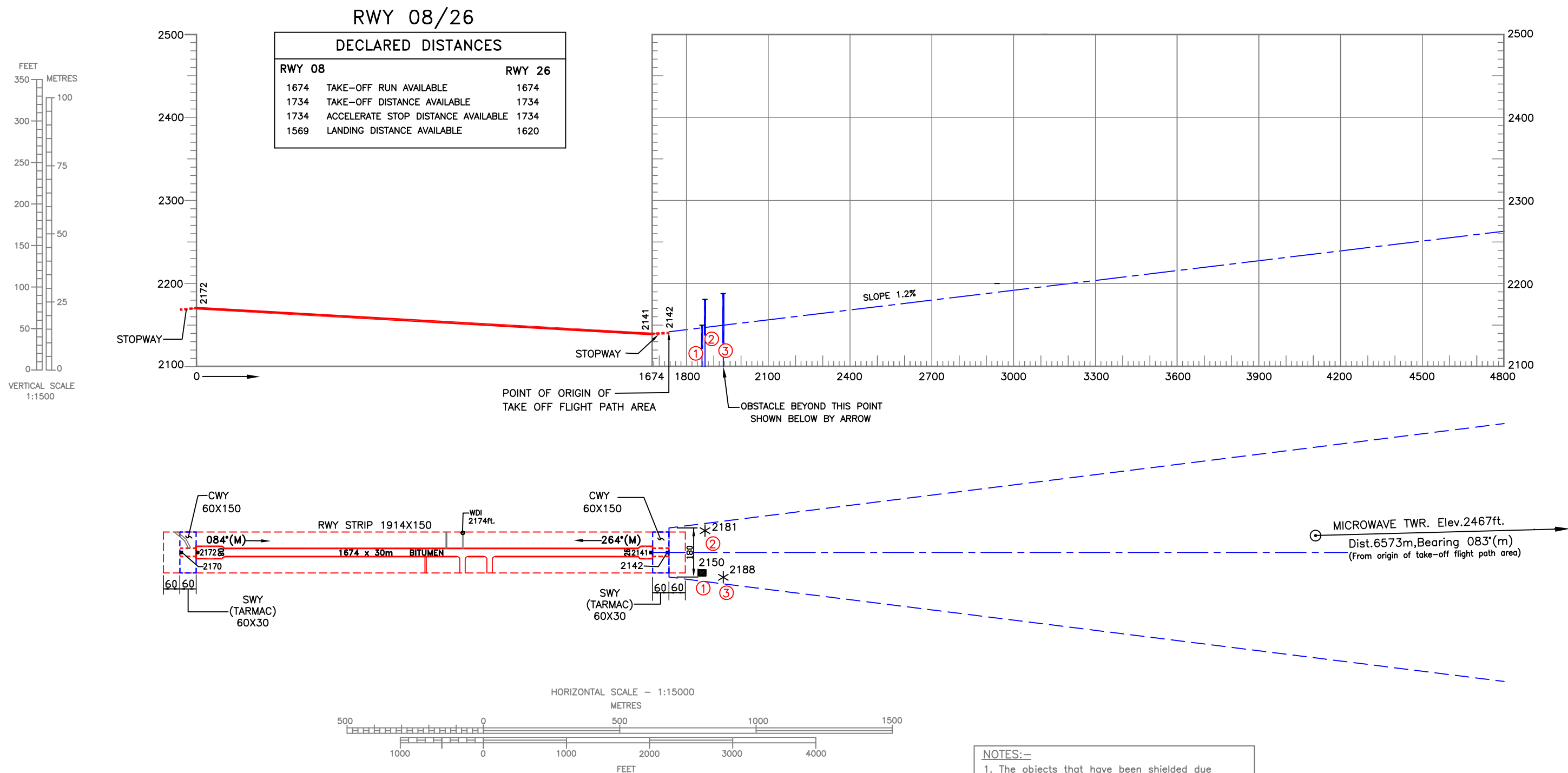
## AERODROME OBSTACLE CHART

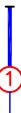
### TYPE -A (OPERATING LIMITATIONS)

INDIA/HUBLI  
HUBLI AIRPORT/RWY 08

ELEVATIONS IN FEET  
ALL OTHER DIMENSIONS IN METRES

MAGNETIC VARIATION 2°W (2010)



L E G E N D		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
TREE OR SHRUB	*	
BUILDING,LARGE STRUCTURE OR HUT	■	
POLE,TOWER,SPIRE,ANTENNA ETC.	⊙	

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

NOTES:-

1. The objects that have been shielded due to presence of other higher objects have not been shown in this chart.
2. Obstructions in the form of trees which are being cut or pruned have not been taken into consideration for establishing threshold displacement.
3. Datum – All Elevations are AMSL.
4. Periphery road without traffic is no obstacle.
5. Consult Notam for latest information.
6. Rwy directions rounded to nearest degree.(Magnetic)  
(In degree minute : Rwy 08/26 = 084°15'/264°15')  
(taken upto 2013)
7. All obstacles shown in this chart are based on aeronautical obstacle Survey July 2014.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERONAUTICAL INFORMATION UPTO – AUGUST 2014  
वैमानिक सूचना – अगस्त 2014 तक

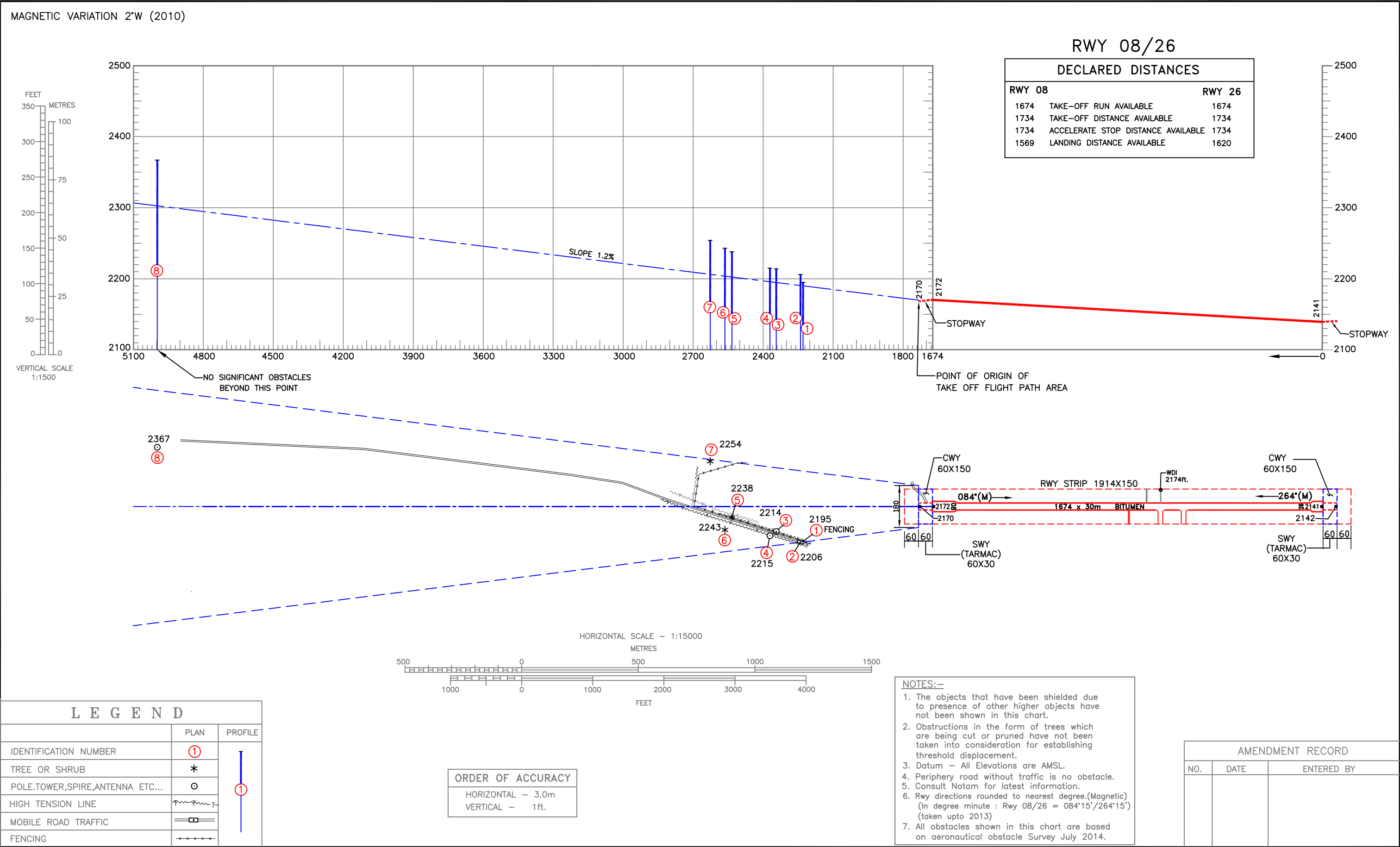
COMPILED BY : CARTO-ACC, AIRPORTS AUTHORITY OF INDIA  
संग्रहित किया : कार्टो-वै.मा.प्र., भारतीय विमानपत्तन प्राधिकरण

CHART No. AAI/32-OBS/CARTO-ACC/2014  
 चार्ट सं. भा.वि.प्रा./32-अव./कार्टो-वै.मा.प्र./2014

ELEVATIONS IN FEET  
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART  
TYPE -A (OPERATING LIMITATIONS)

INDIA/HUBLI  
HUBLI AIRPORT/ RWY 26



# INSTRUMENT APPROACH CHART

Height related to  
Aerodrome Elev 2171Ft  
THR RWY08-Elev 2171Ft  
THR RWY26-Elev 2145Ft

TWR 122.2

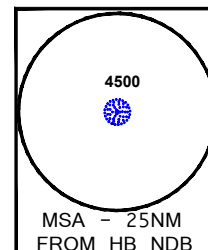
**HUBLI  
INDIA**  
Visual Circling (Cat A/B)

75°00'E

75°10'

Coordinates of Radio-Navigation Aid in WGS-84.  
Bearing are degrees magnetic.  
Altitudes, elevations and heights in Feet.

VAR 1°45'W 1995  
Annual rate of  
change 2'E



Annual rate of  
change 2'E

•2566

•2290

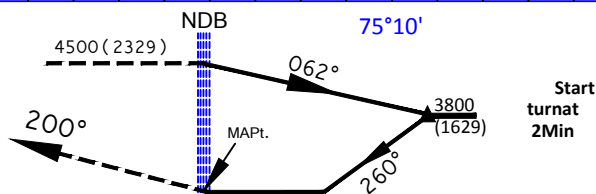
•2382

SCALE  
1 0 1 2 3 4NM

Transition Altitude 6000Ft

## MISSED APPROACH

Turn LEFT Climb on track  
200M to 3800ft. then  
climbing turn LEFT to NDB  
to join holding at 4500Ft or  
as instructed by ATC



ELEV. 2171

Nautical miles from THR RWY 26

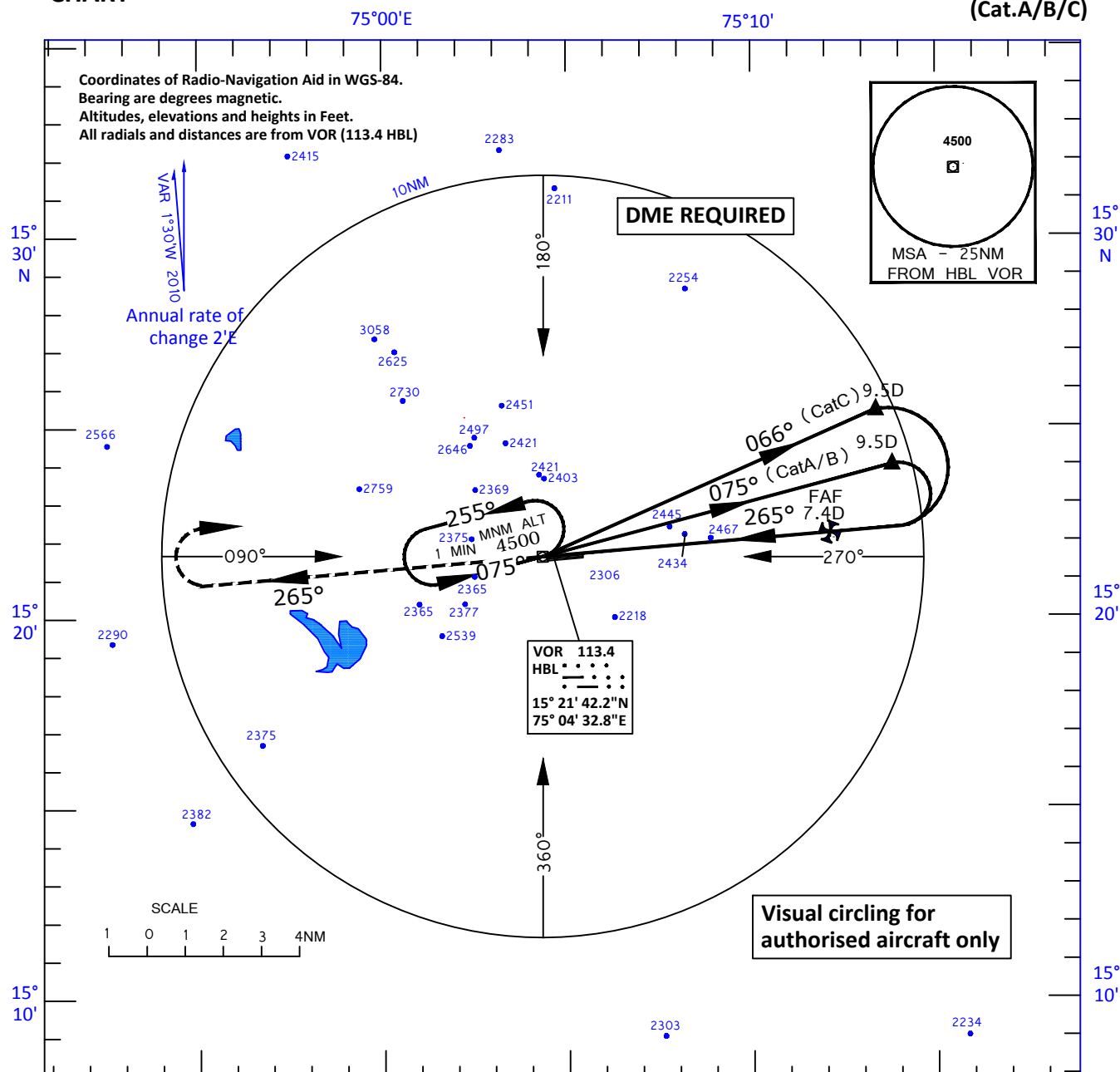
0 1 2 3 4 5 6 7 8 9 10 11

O C A (H)	
CATEGORY OF AIRCRAFT	A/B
STRAIGHT-IN	-
CIRCLING	2890 (719)

DRG. NO. AAI/02-IALC/94/01-05-2016

**INSTRUMENT  
APPROACH  
CHART**Aerodrome Elev. 2172Ft  
Height related to  
THR RWY26-Elev. 2138Ft

TWR 122.2

**HUBLI  
INDIA  
VOR RWY 26  
(Cat.A/B/C)**

Transition Altitude 6000Ft

**MISSED APPROACH**Climb straight ahead to 4200ft.  
then climbing turn RIGHT to join  
VOR hold at 4500Ft or as instructed  
by ATC

ELEV. 2138

Nautical miles from THR RWY 26

O C A (H)			Distance/Altitude information						
CATEGORY OF AIRCRAFT	A/B	C	Distance (NM)	7.4D	7D	6D	5D	4D	3D
STRAIGHT-IN	2740 (602)	2740 (602)	Altitude (ft.)	4200	4070	3750	3440	3120	2810
CIRCLING	2840 (668)	3100 (928)	Rate of Descent /Ground speed information						
			Ground speed (kt.)		80	100	120	140	
			Rate of descent (ft/min)		420	525	630	735	

DRG. NO. AAI/3-IALC/17/01-05-2016

AIRPORTS AUTHORITY OF INDIA