

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	14/2021
		14 JAN 2021

File No. AAI/ATM/AIS/09-09/2021

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

sd/-
अरविंद सिंह
ARVIND SINGH
अध्यक्ष/CHAIRMAN
भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

[EFFECTIVE DATE: 25 FEB 2021]

AERODROME DATA
SWAMI VIVEKANANDA AIRPORT, RAIPUR (VERP)

VERP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	211051.63N 0814418.79E MAG. BRG. 55.63DEG /998 M from physical extremity of RWY 06.
3	Aerodrome elevation and reference temperature	1044 FT / 42.0 DEG C
4	Magnetic Variation, date of information and annual change	0.583 DEG W (2010) /0.017 DEG E
7	Remarks	Elevation in EGM08

Amend VERP AD 2.2 eAIP India accordingly.

VERP 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 of VOR checkpoints	On TWYA: 211101.40N 0814434.26E, ELEV:1041 FT

6	Remarks	1. Coordinates of RWY Holding Position		
		TWY	Coordinates	Elevation (FT)
		TWY A	211101.31N 0814434.31E	1041
		TWY B	211059.02N 0814430.24E	1039
		TWY C	211057.34N 0814426.32E	1036
		TWY D	211051.38N 0814429.02E	1035
		TWY E	211041.06N 0814358.39E	1019
		2. Coordinates of RWY & Taxi Intersection		
		TWY	Coordinates	Elevation (FT)
		TWY A	211058.75N 0814435.95E	1043
		TWY B	211056.46N 0814431.89E	1041
		TWY C	211054.14N 0814427.77E	1039
		TWY D	211054.14N 0814427.77E	1039
		TWY E	211038.50N 0814400.03E	1022
		<p>3. Isolation Bay Dimension: 76M X 76 M, Shoulder: 7.5M, Surface: Concrete, Critical aircraft: A320 (Power-in/Power-out), Markings: Edge and Centreline markings, Lightings: Blue Edge Lights.</p> <p>4. All elevations in EGM08</p>		

Amend VERP AD 2.8 eAIP India accordingly.

VERP AD 2.10 AERODORME OBSTACLES

RWY/Area affected	Obstacle type	Coordinates	Elevation (FT) (EGM08)	Marking/ LGT	Remarks
1	2	3	4	5	6
APCH - 06 TKOF - 24	Tree	211015.23N 0814332.47E	1067		Group of trees
APCH - 06 TKOF - 24	Other	211035.59N 0814345.16E	1029		Mobile road traffic (308.5 M. road Elev + 5 M. traffic HT.)
APCH - 06 TKOF - 24	Tree	211026.88N 0814335.15E	1063		Group of trees
APCH - 06 TKOF - 24	Tree	211031.83N 0814336.98E	1051		Tree

APCH - 06 TKOF - 24	Fence	211026.49N 0814348.96E	1023		Airport boundary wall with fencing on top
APCH - 06 TKOF - 24	Pole	211026.89N 0814348.80E	1022		Light pole
APCH - 06 TKOF - 24	Tree	211030.26N 0814336.30E	1055		Tree
APCH - 06 TKOF - 24	Tree	211029.08N 0814335.51E	1054		Group of trees
APCH - 06 TKOF - 24	Tree	211027.98N 0814335.27E	1061		Group of trees
APCH - 06 TKOF - 24	Tree	211018.81N 0814334.84E	1062		Group of trees
APCH - 06 TKOF - 24	Tree	211030.00N 0814334.36E	1048		Group of trees
APCH - 06 TKOF - 24	Tree	211024.45N 0814318.59E	1082		Group of trees
APCH - 24 TKOF - 06	Other	211109.63N 0814505.63E	1044		Mobile road traffic (313.1 M. Road ELEV. + 5 M. traffic HT.)
In circling area and at AD	Tree	211013.10N 0814333.58E	1079		Group of trees
In circling area and at AD	Fence	211046.71N 0814404.14E	1033		Airport boundary wall with fencing on top
In circling area and at AD	Other	211041.58N 0814355.33E	1033		Mobile road traffic (309.8 M. road ELEV. + 5 M. traffic HT.)
In circling area and at AD	Pole	211027.19N 0814350.14E	1022		Light pole
In circling area and at AD	Tree	211013.80N 0814333.01E	1063		Group of trees
In circling area and at AD	Tree	211030.65N 0814331.68E	1059		Group of trees
In circling area and at AD	Nav-aids	211104.48N 0814454.40E	1054		Rod top on GP monitor antenna (antenna top 321.2M.)
In circling area and at AD	Nav-aids	211103.09N 0814451.85E	1083	LGT	Rod top on GP main antenna (Antenna top 329.4M.)
In circling area and at AD	Antenna	211103.03N 0814451.71E	1056		Antenna on GP hut (hut top 320.2 M.)
In circling area and at AD	Other	211100.17N 0814423.13E	1097		Beacon on ATC building (building top 333.1M.)
In circling area and at AD	Other	211100.62N 0814423.91E	1109		Flood light mast
In circling area and at AD	Other	211101.24N 0814425.28E	1111		Flood light mast
In circling area and at AD	Other	211047.63N 0814426.50E	1054		Windsock
In circling area and at AD	Other	211051.38N 0814412.90E	1041		Mobile road traffic (312.3M. road ELEV. + 5 M. traffic HT.)

In circling area and at AD	Pole	211052.27N 0814414.27E	1041		Light pole
In circling area and at AD	Other	211055.06N 0814419.41E	1046		Mobile road traffic (313.9M. road ELEV. + 5M. traffic HT.)
In circling area and at AD	Antenna	211100.15N 0814423.16E	1107		VHF antenna on ATC building
In circling area and at AD	Building	211016.37N 0814617.86E	1225		Rod top on building (building top 369.9M)

Replace VERP AD 2.10 of eAIP India with the above table.

VERP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations	True BRG	Dimensions of RWY (M)	Strength of pavement (PCN) and associated data) and surface of runway and associated stop ways	Geographical coordinates for threshold and runway end
1	2	3	4	5
06	58.98 DEG	2284 x 45 M	68/F/B/W/T Asphalt	THR: 211035.21N 0814354.22E RWY END: 211111.33N 0814458.26E
24	238.98 DEG	2284 x 45 M	68/F/B/W/T Asphalt	THR: 211111.33N 0814458.26E RWY END: 211033.06N 0814350.40E
THR elevation and highest elevation of TDZ of precision APP RWY	Slope of runway and associated stop way	Dimensions of stop way (M)	Dimensions of clearway (M)	Dimensions of strips (M)
6	7	8	9	10
THR: 1017.0FT TDZ: 1028.0FT	0.30%	NIL	NIL	2404 x 280 M
THR: 1036.0FT TDZ: 1043.0FT	-0.30%	NIL	NIL	2404 x 280 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	
150M x 90M			PCN 68/F/B/W/T in first 1955M, 64/F/B/W/T in last 329M	
240M x 90M			PCN 64/F/B/W/T in first 329M,68/F/B/W/T in last 1955M	

Amend VERP AD 2.12 eAIP India accordingly.

VERP 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
06	2284	2284	2284	2156	THR Displaced by 128M SLOPE 1:50
24	2284	2284	2284	2284	SLOPE 1:50

Amend VERP AD 2.13 of eAIP India accordingly

VERP 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
06	NIL	Green	PAPI LEFT/3.00 DEG (MEHT 49.72FT)	NIL
24	NIL	Green	PAPI LEFT/3.00 DEG (MEHT 52.76FT)	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	2284 M 60 M WHITE LIH	RED	NIL	NIL
NIL	2284 M 60 M WHITE LIH	RED	NIL	NIL

Amend VERP AD 2.14 of eAIP India accordingly.

VERP 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
LOC 24	IRAI	110.300 MHz	As ATS	211028.03N 0814341.48E			
GP 24		335.000 MHz	As ATS	211103.09N 0814451.85E			3 DEG
DME ILS 24	IRAI	CH40X	As ATS	211103.09N 0814451.85E			
DVOR	RRP	116.100 MHz	As ATS	211051.33N 0814438.08E			
DME	RRP	CH108X	As ATS	211051.56N 0814438.58E	1071FT		Elevations in EGM08

Amend VERP AD 2.19 and ENR 4.1 of eAIP India accordingly.

VERP AD 2.23 ADDITIONAL INFORMATION

- i. New apron area partially not visible from ATC TWR. Pilots to taxi in and taxi out from apron under own responsibility and under marshaller guidance.
- ii. Positive clearance required for non-Sked aircraft.

AMENDMENTS/CANCELLATION:

1. Replace Aerodrome Chart in VERP AD 2.24 of eAIP India with the Aerodrome Chart of this AIP Supplement.
2. Replace Aircraft Parking/Docking Chart in VERP AD 2.24 of eAIP India with the Aircraft Parking/Docking Chart of this AIP supplement.
3. Replace Aerodrome Obstacle Chart - Type A (Operating Limitations) RWY 06 in VERP AD 2.24 of eAIP India with the Aerodrome Obstacle Chart - Type A (Operating Limitations) RWY 06 of this AIP supplement.
4. Replace Aerodrome Obstacle Chart - Type A (Operating Limitations) RWY 24 in VERP AD 2.24 of eAIP India with the Aerodrome Obstacle Chart - Type A (Operating Limitations) RWY 24 this AIP supplement.

AERODROME CHART

21° 10' 51.63277" N
081° 44' 18.78859" E

ELEV. 1044 ft

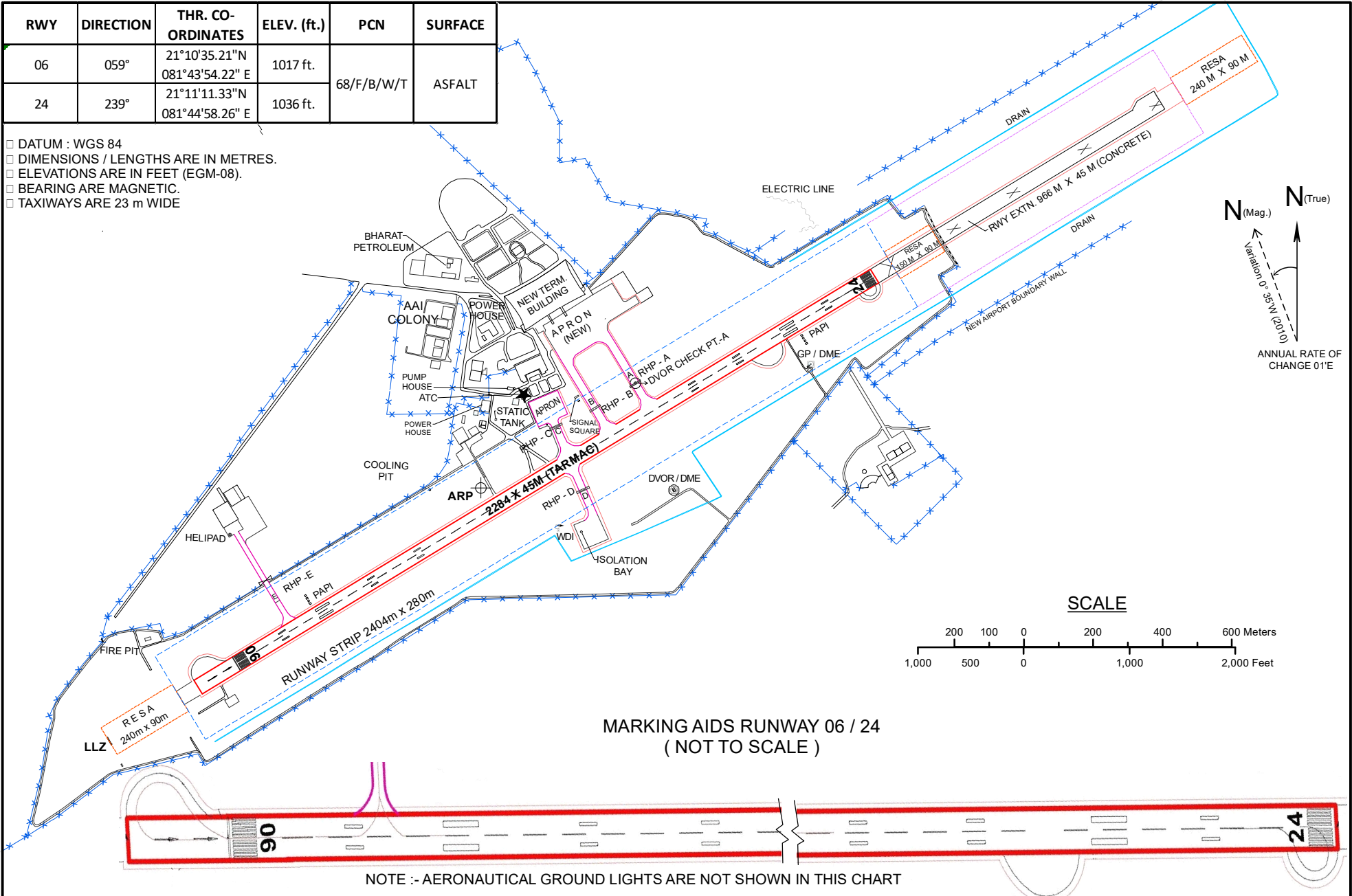
TWR 124.3 /
124.75

RAIPUR, INDIA

RAIPUR AIRPORT

RWY	DIRECTION	THR. CO-ORDINATES	ELEV. (ft.)	PCN	SURFACE
06	059°	21°10'35.21"N 081°43'54.22" E	1017 ft.	68/F/B/W/T	ASFALT
24	239°	21°11'11.33"N 081°44'58.26" E	1036 ft.		

- DATUM : WGS 84
- DIMENSIONS / LENGTHS ARE IN METRES.
- ELEVATIONS ARE IN FEET (EGM-08).
- BEARING ARE MAGNETIC.
- TAXIWAYS ARE 23 m WIDE



MARKING AIDS RUNWAY 06 / 24
(NOT TO SCALE)

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

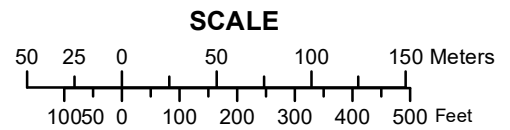
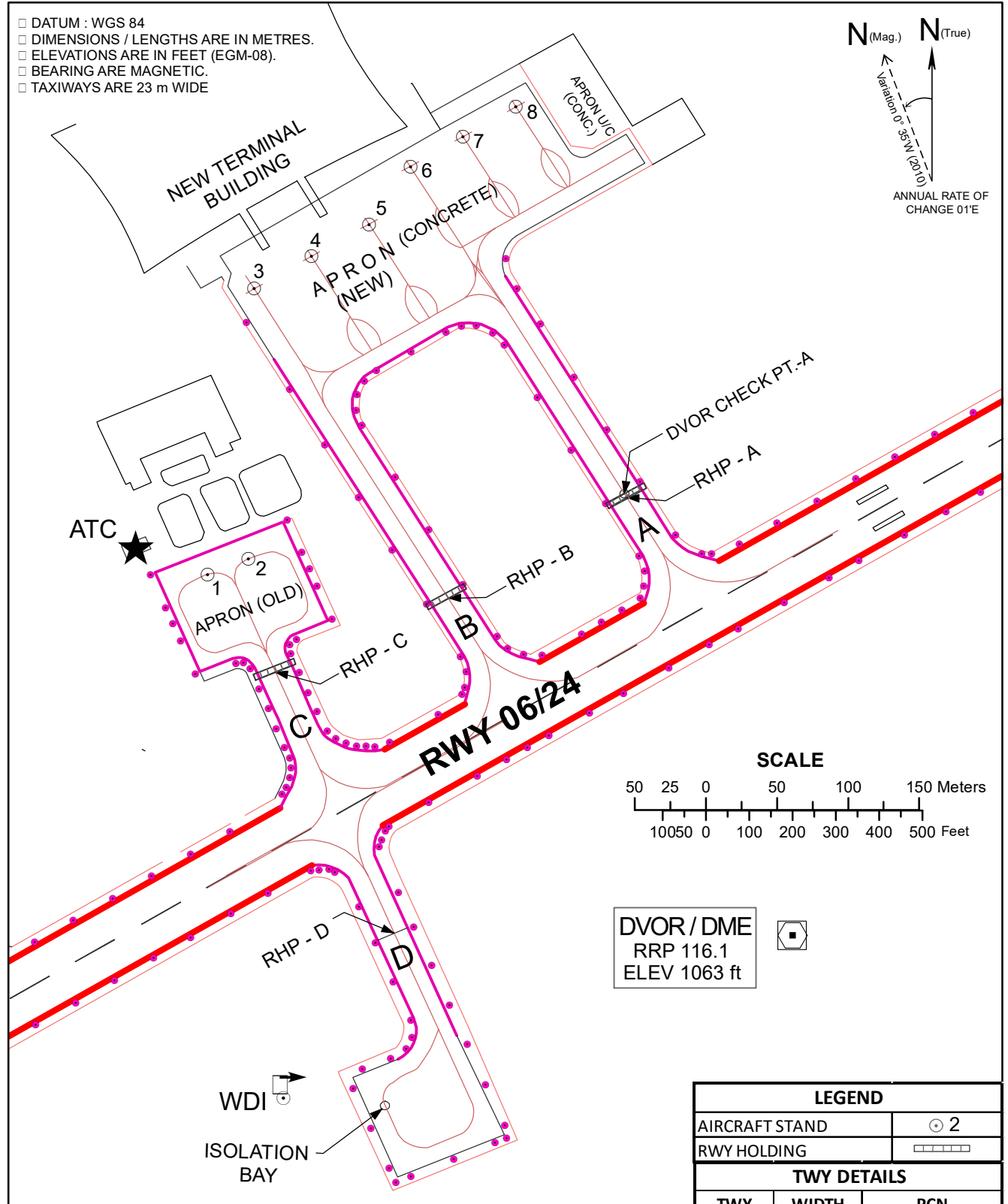
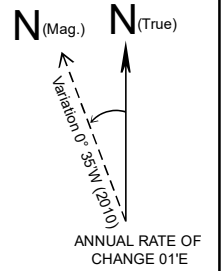
**AIRCRAFT PARKING/
DOCKING CHART**

APRON ELEV. 1039 ft

**TWR 124.3 /
124.75**

**RAIPUR, INDIA
RAIPUR AIRPORT**

- DATUM : WGS 84
- DIMENSIONS / LENGTHS ARE IN METRES.
- ELEVATIONS ARE IN FEET (EGM-08).
- BEARING ARE MAGNETIC.
- TAXIWAYS ARE 23 m WIDE



DVOR / DME
RRP 116.1
ELEV 1063 ft

STAND NO.	CO-ORDINATES		ELEV. (ft.)	PCN	SUITABILITY	AIRCRAFT STATUS
	LATITUDE	LONGITUDE				
1	21°10'59.54713"N	081°44'24.76872" E	1034	38/F/B/W/T	A321	POWER IN /POWER OUT
2	21°10'59.91431"N	081°44'25.69811" E	1034	38/F/B/W/T	B737/A320	POWER IN /POWER OUT
3	21°11'06.06487"N	081°44'25.82947" E	1036	64/R/B/W/T	A322	POWER IN /PUSH BACK
4	21°11'06.80352"N	081°44'27.13799" E	1037	64/R/B/W/T	A322	POWER IN /PUSH BACK
5	21°11'07.54040"N	081°44'28.44554" E	1038	64/R/B/W/T	A322	POWER IN /PUSH BACK
6	21°11'08.85543"N	081°44'29.38549" E	1039	64/R/B/W/T	A321	POWER IN /PUSH BACK
7	21°11'09.53363"N	081°44'30.58928" E	1039	64/R/B/W/T	A321	POWER IN /PUSH BACK
8	21°11'10.21211"N	081°44'31.79106" E	1038	64/R/B/W/T	A321	POWER IN /PUSH BACK
ISOLATION BAY	21°10'47.45761"N	081°44'28.80679" E	1030	47/R/B/W/T		POWER IN /POWER OUT

LEGEND		
AIRCRAFT STAND		⊙ 2
RWY HOLDING		▬▬▬▬
TWY DETAILS		
TWY	WIDTH	PCN
A	23 m	64/R/B/W/T
B	23 m	64/R/B/W/T
C	23 m	38/F/B/W/T
D	23 m	47/R/B/W/T
APRON DETAILS		
APRON DESIG.	PCN	SURFACE
NEW APRON	64/R/B/W/T	CONCRETE
OLD APRON FLEXI. PORTION	38/F/B/W/T	CONCRETE/ASPHALT
OLD APRON RIGID PORTION	38/R/B/W/T	

DATE OF AERONAUTICAL INFORMATION
DECEMBER 2020

AIRPORTS AUTHORITY OF INDIA

DRG. NO. -AAI/02-AC/20
(UPDATED AS ON 07.01.2021)

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART

TYPE -A (OPERATING LIMITATIONS)

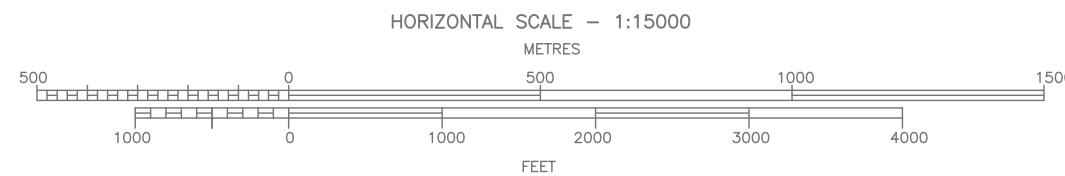
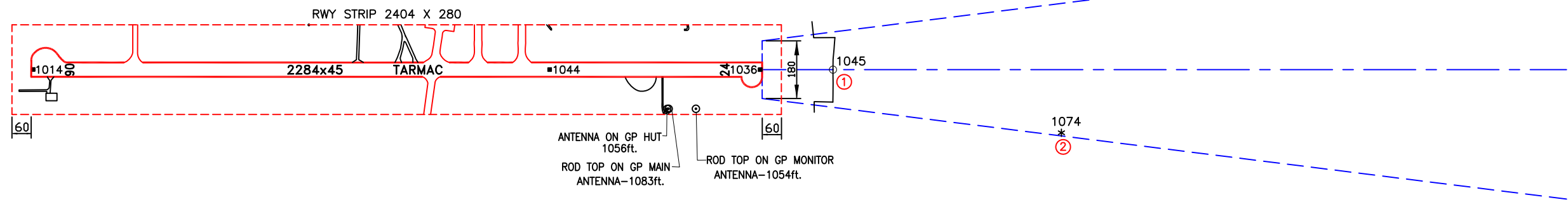
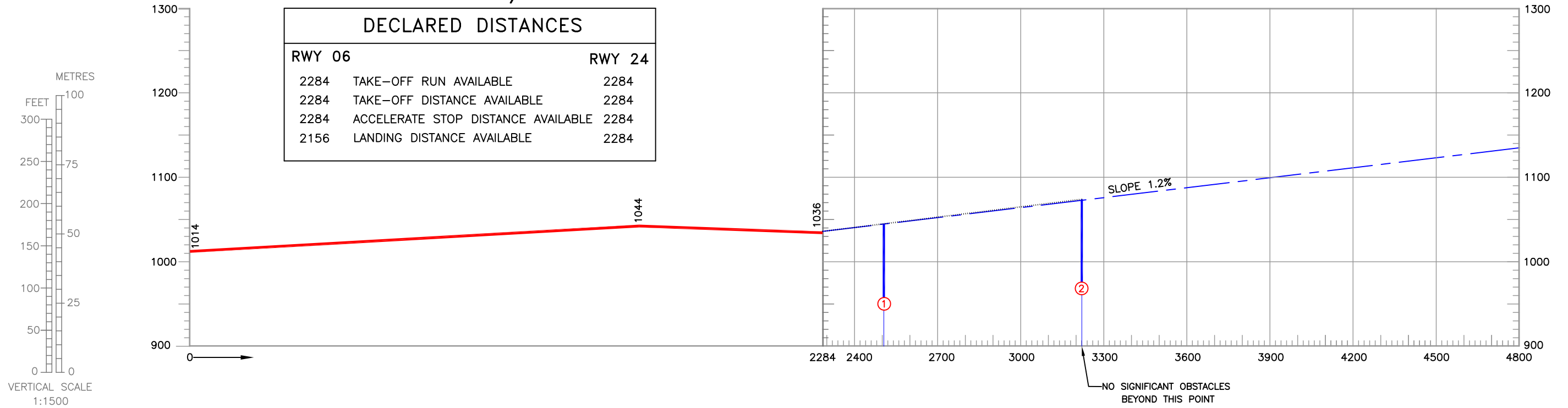
INDIA/RAIPUR
RAIPUR AIRPORT/RWY 06

MAGNETIC VARIATION 0° (2010)

RWY 06/24

DECLARED DISTANCES

RWY 06	RWY 24
2284 TAKE-OFF RUN AVAILABLE	2284
2284 TAKE-OFF DISTANCE AVAILABLE	2284
2284 ACCELERATE STOP DISTANCE AVAILABLE	2284
2156 LANDING DISTANCE AVAILABLE	2284



- 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 EGM-08.
 - Periphery road without traffic is no obstacle.
 - Consult Notam for latest information.
 - Rwy directions rounded to nearest degree.(Magnetic)
(In degree minute : Rwy 06/24 =059°34'/239°34')(2010)
(In degree minute : Rwy 06/24 =059°30'/239°30')(2019)
 - Magnetic variation rounded to nearest degree 0°35'W, Annual rate of change 1' E (2010).
 - All obstacles shown in this chart are based on aeronautical obstacle Survey Sept.2019.
 - Chart prepared based on CAR Section 9 AS&ATM Series 'G', Part-I.

LEGEND		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
TREE OR SHRUB	*	①
POLE,TOWER,SPIRE,ANTENNA ETC...	○	○
RWY ELEV.(SPOT)	■1044	

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

OBJECT ID	UID	OBJECT
1	5335	BARRICATING WITH FENCING ON TOP
2	5381	TREE

AMENDMENT RECORD		
NO.	DATE	ENTERED BY
1.	22.12.2020	Rwy strip amnd. as per AGM(ATS) mail dtd.18.12.2020.

AERONAUTICAL INFORMATION UPTO - NOV.2020
वैमानिक सूचना . नवम्बर 2020 तक

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

(UPDATED ON 22.12.2020)

CHART No.AAI/11-OBS/CARTO/2020
चार्ट सं. भा.वि.प्रा./11-अव./कार्टो/2020

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART

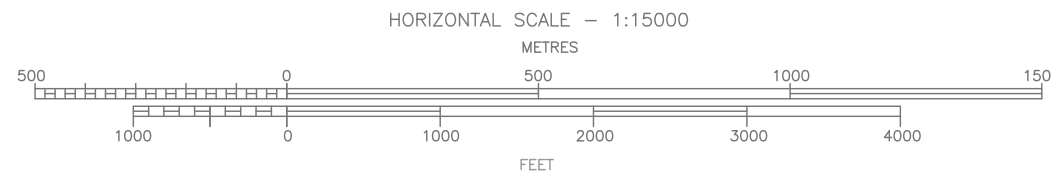
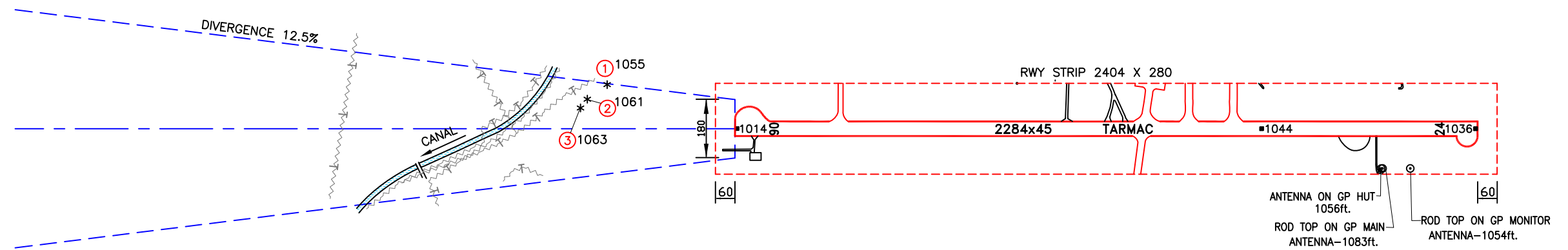
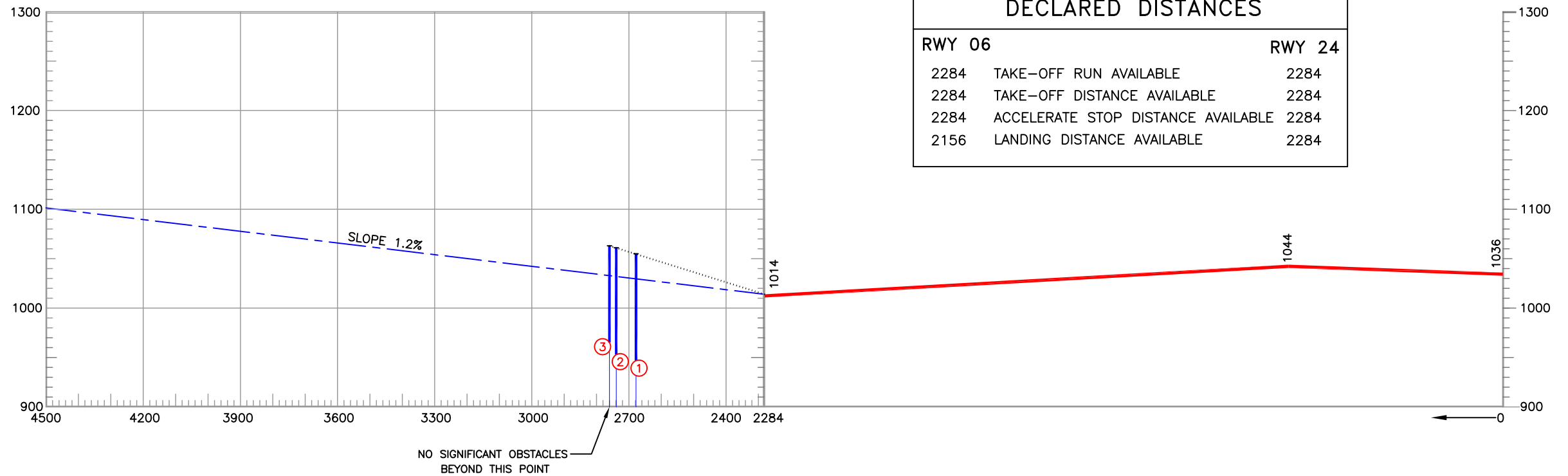
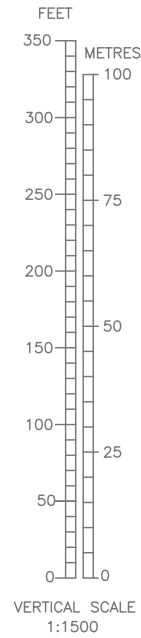
TYPE -A (OPERATING LIMITATIONS)

INDIA/RAIPUR
RAIPUR AIRPORT/RWY 24

MAGNETIC VARIATION 0° (2010)

RWY 06/24

DECLARED DISTANCES	
RWY 06	RWY 24
2284 TAKE-OFF RUN AVAILABLE	2284
2284 TAKE-OFF DISTANCE AVAILABLE	2284
2284 ACCELERATE STOP DISTANCE AVAILABLE	2284
2156 LANDING DISTANCE AVAILABLE	2284



NOTES:-

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- Periphery road without traffic is no obstacle.
- Consult Notam for latest information.
- Rwy directions rounded to nearest degree.(Magnetic)
(In degree minute : Rwy 06/24 =059°34'/239°34')(2010)
(In degree minute : Rwy 06/24 =059°30'/239°30')(2019)
- Magnetic variation rounded to nearest degree 0°35'W,
Annual rate of change 1° E (2010).
- All obstacles shown in this chart are based on aeronautical obstacle Survey Sept.2019.
- Chart prepared based on CAR Section 9 AS&ATM Series 'G', Part-I.

LEGEND		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
TREE OR SHRUB	*	
HIGH TENSION LINE	~ ~ ~ ~ ~	①
POLE,TOWER,SPIRE,ANTENNA ETC...	⊙	
RWY ELEV.(SPOT)	■1044	

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

OBJECT ID	UID	OBJECT
1	5248	TREE
2	5250	GROUP OF TREE
3	5127	GROUP OF TREE

AMENDMENT RECORD		
NO.	DATE	ENTERED BY
1.	22.12.2020	Rwy strip amnd. as per AGM(ATS) mail dtd.18.12.2020.

AERONAUTICAL INFORMATION UPTO -NOV.2020
वैमानिक सूचना . नवम्बर 2020 तक

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

(UPDATED ON 22.12.2020)

CHART No. AAI/12-OBS/CARTO/2020
चार्ट सं. भा.वि.प्रा./12-अव./कार्टो/2020