

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

VIGG - KANGRA / DOMESTIC

VIGG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	320955N 0761543E
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	14 Kms SW of Dharamshala Town.
3	Aerodrome elevation and reference temperature	2525 FT / 35.9 DEG C
4	Magnetic variation, date of information and annual change	1.00 DEG E (1985) /0.00
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, Kangra Airport, Gaggal (Kangra) - 176209
		Telephone: +91-1892-232374
		Fax: +91-1892-233430 +91-1892-232374
		AFS:
		Email: apd_kangra@aai.aero sic_kangra@aai.aero
6	Types of traffic permitted (IFR/VFR)	VFR
7	Remarks	Mobile no: +91-9418933303

VIGG 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	Health - Nil at Airport, Sanitation- as AD Operator HR	
4	AIS briefing office	NIL	
5	ATS reporting office (ARO)	AS ATS	
6	MET Briefing office	As ATS	
7	Air Traffic Service	As per current NOTAM ATS	
8	Fuelling	Avbl	
9	Handling	As ATS	
10	Security	As ATS	
11	De-icing	NIL	
12	Remarks	Outside of ATS Hrs service available O/R. Request to be submitted to AD during ATS HR. 24HR PN required for non-sked ops.	
		ATS approved hourly runway traffic handling capacity	Maximum number of arrival and departure- 04 Maximum number of arrival only – 02 Maximum number of departure only -02

VIGG AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	JET A1
3	Fuelling facilities and capacity	During watch hrs daily. Availability capacity: 30KL (storage tank)/2X11 KL(Refuellers) Mode of storage: Above ground static bunded tank and refuellers (2 nos) Contact Number: 8091005557 Service Provider: Hindustan Petroleum Corporation Limited (HPCL)
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VIGG AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	In Kangra and Dharamshala. a Town 10-14Kms respectively from Airport.
2	Restaurant(s) at or in the vicinity of aerodrome	In Kangra and Dharamshala, a Town 10-14Kms respectively from Airport.
3	Transportation possibilities	Taxis from Gaggal 2Km fm Airport
4	Medical Facilities	First Aid At Aerodrome, Hospitals in town.
5	Bank and post office at or in the vicinity of aerodrome	Banks: At Gaggal , 2kms from Airport Post office: At Gaggal , 2kms from Airport
6	Tourist office	Govt. of Himachal Pradesh, TIC at Macleodgang, Upper Dharamshala-176219 Tel :01892-221205, Tele-Fax : 01892-221232
7	Remarks	NIL

VIGG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-5
2	Rescue equipment	Available as per category
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

VIGG AD 2.7 SEASONAL AVAILABILITY CLEARING

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

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

1	Designation, surface and strength of aprons	Designator: APRON Surface: Macadam Strength: PCN 13/R/B/W/T
2	Designation, width, surface and strength of taxiways	Designation: TWY 'A' Width: 15M Surface: Bitumen / Concrete Strength: 45/F/D/W/T (Bitumen Portion 59.5 M) 13/R/B/W/T (Concrete Portion 55.0 M)
3	Location and elevation of altimeter checkpoints	---
4	Location of VOR checkpoints	
5	Position of INS checkpoints	
6	Remarks	Shoulder of TWY 'A' : 3.5M Length of TWY 'A' : 114.5M Distance of TWY 'A' : 531M and 90 Degree South of RWY 15 : 841 M and 90 Degree North of RWY 33

VIGG 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	Guideline at Apron, nose-in guidance at acft stands. Taxiing guidance sign at intersection with TWY & RWY & holding position.
2	Runway and taxiway markings and lights	RWY Markings: Designation, THR, Centerline, Side Strip.
3	Stop bars (if any)	NIL
4	Remarks	NIL

VIGG 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
33/APCH 15/TKOF	TREE	320935.3N 0761600.5E	2519 FT	NIL	TREE
33/APCH 15/TKOF	TREE	320934.0N 0761602.2E	2505 FT	NIL	GROUP OF TREES
33/APCH 15/TKOF	TREE	320935.0N 0761556.7E	2510 FT	NIL	GROUP OF TREES
33/APCH 15/TKOF	TREE	320932.2N 0761559.0E	2521 FT	NIL	GROUP OF TREES
33/TKOF 15/APCH	FENCE	321017.2N 0761543.9E	2532 FT	NIL	FENCING TOP
33/APCH 15/TKOF	TREE	320936.9N 0761559.9E	2509 FT	NIL	GROUP OF TREES
33/TKOF 15/APCH	TREE	321015.4N 0761539.7E	2532 FT	NIL	GROUP OF TREES

VIGG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	As ATS
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Met office IGI Airport, New Delhi NIL
4	Availability of the trend forecast for the aerodrome and interval of issuance	Available 30 minute
5	Information on how briefing and/or consultation is provided	Available at ATS
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	Kangra tower
10	Additional information, e.g. concerning any limitation of service.	NIL

VIGG 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
15	150.00 DEG	1372 x 30 M	22/F/D/W/T Macadam FROM RWY 33 THR - 183 M: Concrete PCN-13/R/B/W/T	THR: 321014.60N 0761533.00E
33	330.00 DEG	1372 x 30 M	22/F/D/W/T Macadam FROM RWY 33 THR - 183 M: Concrete PCN-13/R/B/W/T	THR: 320936.10N 0761559.00E

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: 2525.0FT TDZ:				1492 x 150 M
THR: 2465.0FT TDZ:				1492 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

VIGG 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
15	1372	1372	1372	1372	1:25
33	1372	1372	1372	1372	1:25

VIGG 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
15				
33				
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

VIGG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	At Top of Fire Watch Tower, FLG W& G 20-22 flashes per minute During watch hour
		IBN	
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	In signal square NW of ARP Unlighted
		Anemometer	AVBL in Met Observatory
3	Taxiway edge and taxiway centre line lights;	Edge	
		Centre Line	
4	Secondary power supply including switch-over time;	Secondary Power supply to VHF and NDB only. Switch-over time: 1 min.	
5	Remarks	NIL	

VIGG 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

VIGG 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;	KANGRA Tower, English
5	Transition altitude	
6	Hours of applicability	
7	Remarks	NIL

VIGG AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	KANGRA Tower	122.300 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	NIL

VIGG 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	KN	237 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
320954.9N 0761542.7E			

VIGG AD 2.20 LOCAL AERODROME REGULATIONS

VIGG AD 2.21 NOISE ABATEMENT PROCEDURES

VIGG AD 2.22 FLIGHT PROCEDURES

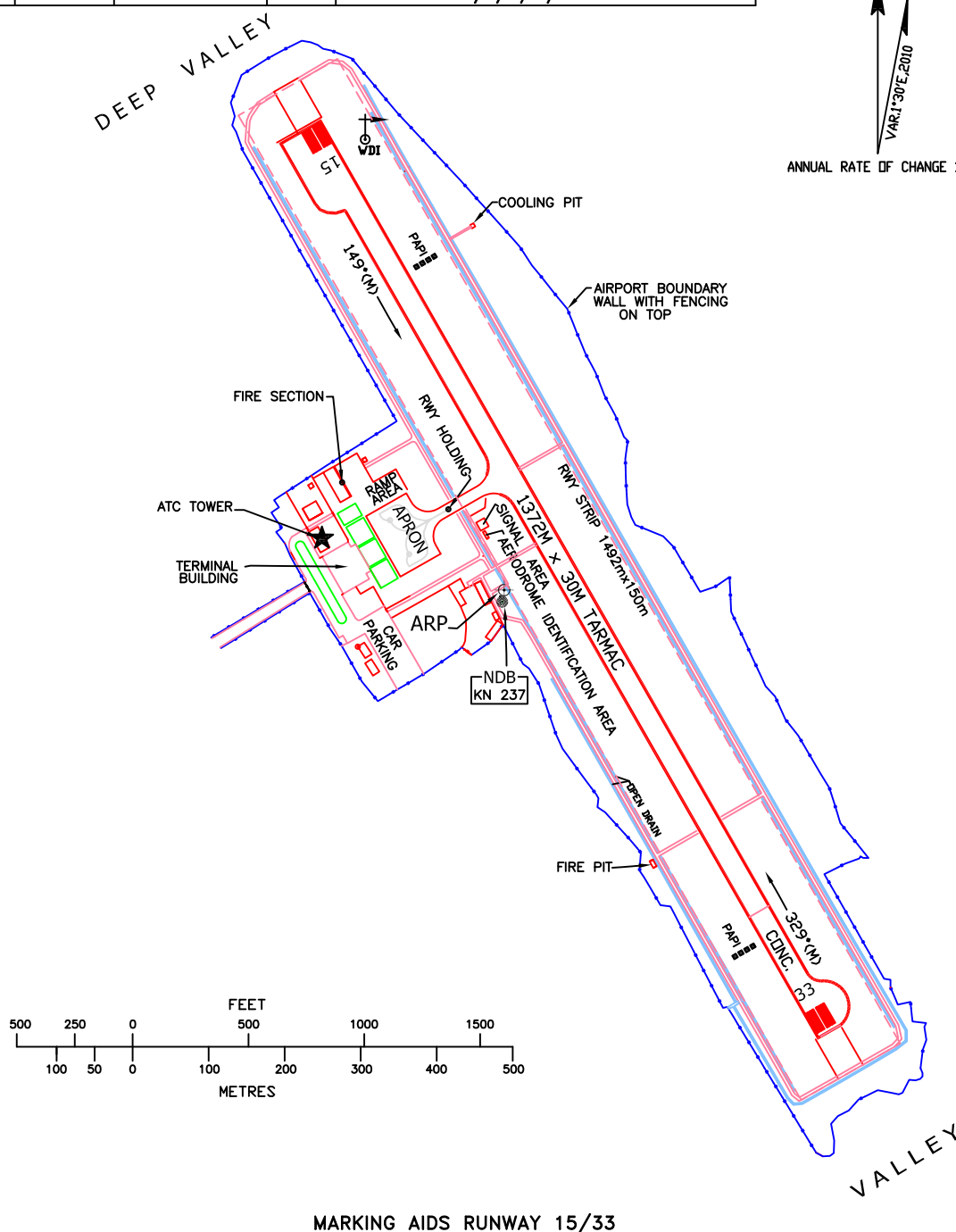
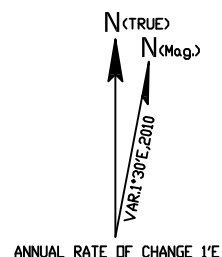
VIGG AD 2.23 ADDITIONAL INFORMATION

VIGG AD 2.24 CHARTS RELATED TO AN AERODROME

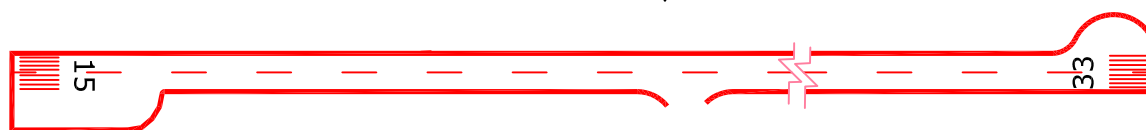
1. Aerodrome Chart
2. Aircraft Parking/Docking Chart
3. Aerodrome Obstacle Chart – Type A (Obstacle Limitations) RWY 15
4. Aerodrome Obstacle Chart – Type A (Obstacle Limitations) RWY 33

KANGRA AIRPORT

- * DATUM : WGS-84
- * DIMENSIONS IN METRES
- * ELEVATIONS IN FEET
- * BEARINGS ARE MAGNETIC
- * TAXIWAYS 15m WIDE



MARKING AIDS RUNWAY 15/33



NOTE: AERONAUTICAL GROUND LIGHTS ARE NOT SHOWN IN THIS CHART

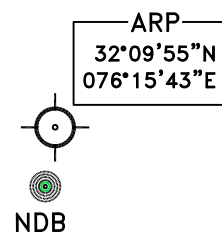
DATE OF AERONAUTICAL INFORMATION
JULY, 2013

Airports Authority of India, Aeronautical Chart Cell

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KANGRA AIRPORT

ANNUAL RATE OF CHANGE 1'E



APRON PCN 13/R/B/W/T
AIRCRAFT STANDS 1&2 FOR AT72 (500)

DATE OF AERONAUTICAL INFORMATION
JULY,2013

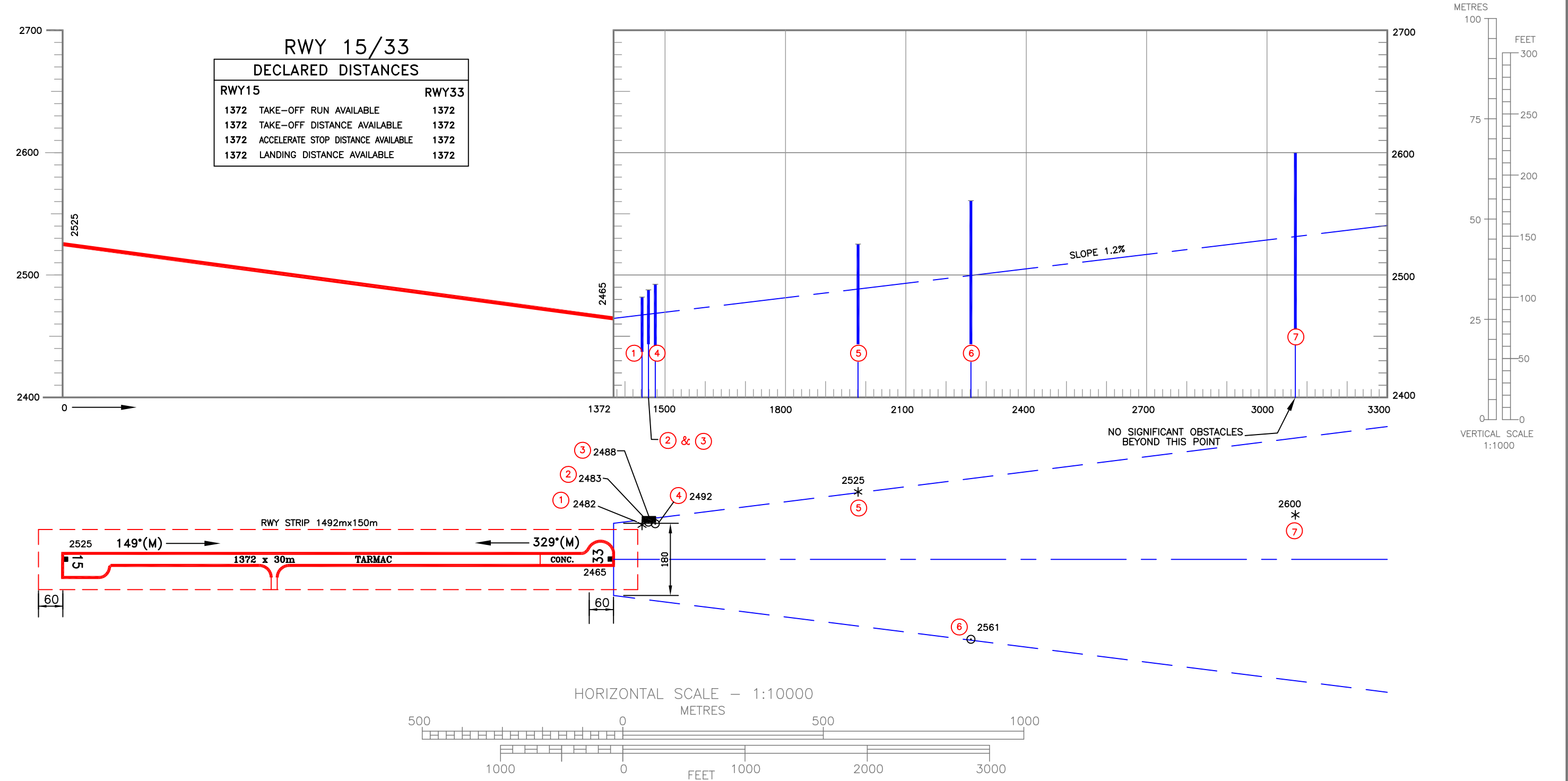
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ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART
TYPE -A (OPERATING LIMITATIONS)

INDIA/KANGRA
KANGRA AIRPORT / RWY 15

MAGNETIC VARIATION 2°E, (2010)



LEGEND		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
TREE OR SHRUB	*	
BUILDING OR LARGE STRUCTURE	■	①
POLE,TOWER,SPIRE,ANTENNA ETC...	⊙	

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

NOTES:

- The objects that have been shielded due presence of other higher objects have not been shown in this chart.
- Periphery roads without traffic are not obstacles.
- Datum - All Elevations are AMSL.
- Consult Notam for latest information.
- Rwy directions rounded to nearest degree.(Magnetic)
(In degree minute : Rwy 15/33 = 148°45'/328°45')
(taken upto 2010)
- All obstacles shown in this chart are based on aeronautical obstacle Survey June, 2011.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERONAUTICAL INFORMATION UPTO - JUNE,2013
वैमानिक सूचना : जून 2013 तक

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

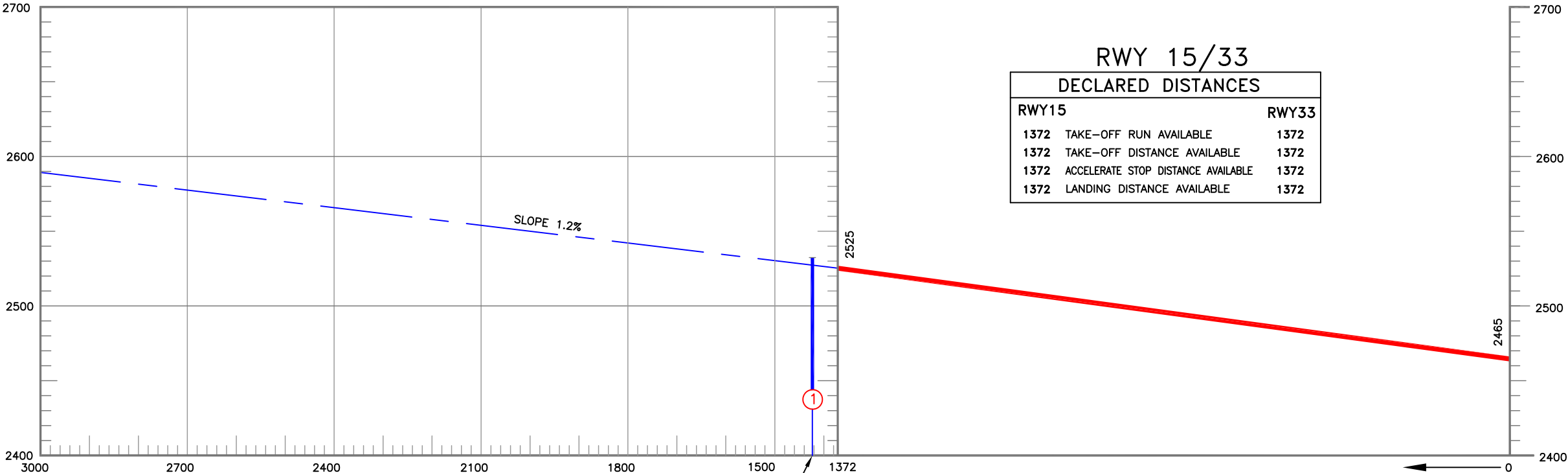
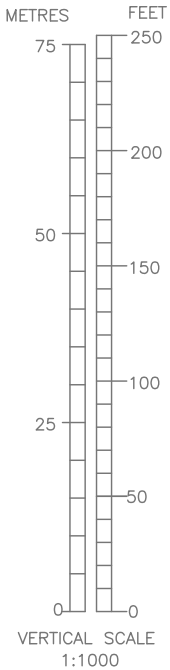
CHART No. AAI/23-OBS/CARTO/2013
चार्ट सं. भा.विप्रा./23-अव./कार्टो/2013

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

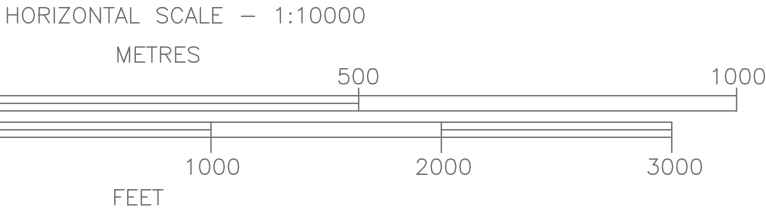
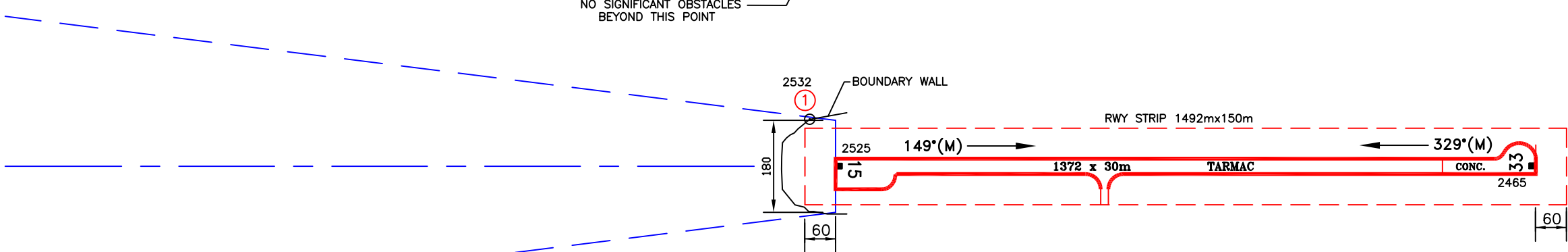
AERODROME OBSTACLE CHART
TYPE -A (OPERATING LIMITATIONS)

INDIA/KANGRA
KANGRA AIRPORT / RWY 33

MAGNETIC VARIATION 2°E, (2010)



RWY 15/33		
DECLARED DISTANCES		
RWY15		RWY33
1372	TAKE-OFF RUN AVAILABLE	1372
1372	TAKE-OFF DISTANCE AVAILABLE	1372
1372	ACCELERATE STOP DISTANCE AVAILABLE	1372
1372	LANDING DISTANCE AVAILABLE	1372



LEGEND		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	①

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

NOTES:
1. The objects that have been shielded due presence of other higher objects have not been shown in this chart.
2. Periphery roads without traffic are not obstacles.
3. Datum - All Elevations are AMSL.
4. Consult Notam for latest information.
5. Rwy directions rounded to nearest degree.(Magnetic) (In degree minute : Rwy 15/33 = 148°45'/328°45') (taken upto 2010)
6. All obstacles shown in this chart are based on aeronautical obstacle Survey June, 2011.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERONAUTICAL INFORMATION UPTO - JUNE,2013
वैमानिक सूचना : जून 2013 तक

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संग्रहित किया : कार्टो ,भारतीय विमानपत्तन प्राधिकरण

CHART No. AAI/24-OBS/CARTO/2013
चार्ट सं. भा.वि.प्रा./24-अव./कार्टो/2013