

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

VISM - SHIMLA / DOMESTIC

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

1	Aerodrome reference point coordinates and its site	310454N 0770404E 320.5 DEG/510M from physical extremity of RWY32
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	256 DEGREE/22 KM from RITZ,MALL ROAD,SHIMLA.
3	Aerodrome elevation and reference temperature	5073 FT / 25.0 DEG C
4	Magnetic variation, date of information and annual change	1.25 DEG E (2010) /0.0167 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airport Director Airports Authority of India, Shimla Airport, Jubberhatti Shimla - 171011 (Himachal Pradesh)
	Telephone:	+91-177-2736835, +91-177-2736675
	Fax:	+91-177-2736681, +91-177-2736676
	AFS:	
	Email:	apc_vism@aai.aero; atc_vism@aai.aero
6	Types of traffic permitted (IFR/VFR)	VFR
7	Remarks	AERODROME REFERENCE CODE: 2C

**VISM AD 2.3 OPERATIONAL HOURS**

1.	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) (Except SAT, SUN and Closed Holidays)
2.	Custom and immigration	NIL
3.	Health and sanitation	Available within AD hours.
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 HRS
8.	Fuelling	As ATS
9.	Handling	NIL
10.	Security	H24
11.	De-icing	NIL
12.	Remarks	Outside ATS Hours the services are available O/R with 24 HR PN to AD
	ATS approved hourly runway traffic handling capacity	Maximum number of arrival and departure- 04 (due only one parking bay available) Maximum number of arrival only – 02 Maximum number of departure only -02

**VISM AD 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	NIL
2.	Fuel/Oil types	JET A1
3.	Fuelling facilities/capacity	IOCL/21KL
4.	De-icing facilities	NIL
5.	Hangar space for visiting aircraft	NIL
6.	Repair facilities for visiting aircraft	NIL
7.	Remarks	NIL

**VISM AD 2.5 PASSENGER FACILITIES**

1.	Hotel(s) at or in the vicinity of aerodromes	In the city
2.	Restaurant(s) at or in the vicinity of aerodromes	In the city
3.	Transportation possibilities	Taxis from AD to city
4.	Medical Facilities	First Aid at AD. Hospitals in city.
5.	Bank and post office at or in the vicinity of aerodromes	Banks: Near AD and in the city Post office: Near AD and in the city.
6.	Tourist office	Office in the city: Tourist Information Centre Shimla +91-177-2652561, 2658302
7.	Remarks	NIL

**VISM 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	NIL
4.	Remarks	NIL

**VISM AD 2.7 SEASONAL AVAILABILITY CLEARING**

1.	Types of clearing equipment	NIL
2.	Clearance priorities	NIL
3.	Remarks	NIL

**VISM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS 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 Aircraft Stand Elevation: 5066 FT
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints	NIL
6	Remarks	Refer Parking & Docking Chart Apron Dimension: 60 X 30m

**VISM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

1.	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Taxi guidance provided on R/T
----	---	-------------------------------

2.	RWY and TWY markings and LGT	RWY Markings: Designation, THR, Centerline, Edge, RWY Lighting: RWY Edge Lights.  TWY Markings: Edge, Centerline TWY Lighting: Edge
3.	Stop bars	NIL
4.	Remarks	NIL

**VISM 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
32/TKOF 14/APCH	POLE	310513.6N 0770348.2E	5076 FT	NIL	LIGHT POLE
In circling area and at AD	ANTENNA	310507.0N 0770359.2E	5106 FT	NIL	ANTENNA ON HUT
In circling area and at AD	ANTENNA	310507.7N 0770358.7E	5128 FT	NIL	ANTENNA ON ATC
In circling area and at AD	BUILDING	310507.8N 0770358.6E	5116 FT	NIL	ATC BEACON
In circling area and at AD	NAVAID	310510.4N 0770347.8E	5102 FT	NIL	DVOR DME TOP
In circling area and at AD	NAVAID	310507.9N 0770350.9E	5098 FT	NIL	DVOR MONITOR L/R
In circling area and at AD	OTHER	310512.1N 0770356.2E	5106 FT	NIL	FIRE TOWER ROD
In circling area and at AD	TREE	310517.6N 0770349.8E	5106 FT	NIL	Group of Trees
In circling area and at AD	TREE	310501.1N 0770356.8E	5077 FT	NIL	GROUP OF TREES
In circling area and at AD	TREE	310500.1N 0770357.7E	5079 FT	NIL	GROUP OF TREES
In circling area and at AD	TREE	310459.2N 0770359.1E	5077 FT	NIL	Group of Trees
In circling area and at AD	TREE	310517.0N 0770350.8E	5105 FT	NIL	Group of Trees
In circling area and at AD	TREE	310511.5N 0770359.2E	5168 FT	NIL	GROUP OF TREE
In circling area and at AD	BUILDING	310512.2N 0770359.0E	5140 FT	NIL	OHWT
In circling area and at AD	BUILDING	310512.0N 0770359.1E	5142 FT	NIL	OHWT ON HILL
In circling area and at AD	BUILDING	310503.0N 0770400.7E	5070 FT	NIL	SECURITY HUT
In circling area and at AD	OTHER	310514.7N 0770352.3E	5095 FT	NIL	WDI TOP
In circling area and at AD	TREE	310449.3N 0770411.1E	5063 FT	NIL	GROUP OF TREE
In circling area and at AD	TREE	310447.8N 0770413.2E	5066 FT	NIL	Group of Trees
In circling area and at AD	TREE	310448.7N 0770406.4E	5067 FT	NIL	Group of Trees
In circling area and at AD	TREE	310439.3N 0770414.2E	5056 FT	NIL	GROUP OF TREES
In circling area and at AD	POLE	310441.5N 0770413.0E	5047 FT	NIL	LIGHT 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	OTHER	310315.2N 0770821.9E	7165 FT	NIL	MAST NEAR TARA TEMPLE HILL
In circling area and at AD	TREE	310623.6N 0770622.0E	6655 FT	NIL	TREE TOP ON JUTOGH HIL
In circling area and at AD	TREE	310617.1N 0770651.3E	6811 FT	NIL	TREE ON HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310543.9N 0770805.9E	7215 FT	NIL	HILL TOP
In circling area and at AD	BUILDING	310304.2N 0770854.5E	7178 FT	NIL	HOUSE ON HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310114.7N 0770812.5E	6808 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310124.4N 0770716.8E	6467 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310152.8N 0770636.9E	6296 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	305943.1N 0770559.5E	6473 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310336.6N 0770209.4E	5256 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310944.7N 0770227.3E	5846 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310922.0N 0770452.5E	6289 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	310745.5N 0770601.1E	6470 FT	NIL	HILL TOP
In circling area and at AD	NATURAL HIGHPOINT	311146.1N 0770347.5E	6086 FT	NIL	HILL TOP

**VISM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1.	Name of the associated meteorological office	Shimla
2.	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	0800 – 1500 IST/As ATS
3.	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Delhi As Requested
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;	DPI, DIWE, Thermograph, Hydrograph, S. R. R. G.
9.	The air traffic services unit(s) provided with meteorological information	Shimla ATC
10.	Additional information, e.g. concerning any limitation of service.	MET Data available on request

**VISM 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
14	146.02 DEG	1163 x 30 M	14/F/B/W/T Asphalt	THR: 310512.02N 0770351.06E RWY END: 310440.70N 0770415.59E
32	326.02 DEG	1163 x 30 M	14/F/B/W/T Asphalt	THR: 310440.70N 0770415.59E RWY END: 310512.02N 0770351.06E

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: 5073.0FT TDZ: 5073.0FT		NIL	NIL	1283 x 80 M
THR: 5045.0FT TDZ: 5049.0FT		NIL	NIL	1283 x 80 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
30M x 60M			NIL
30M x 60M			NIL

**VISM AD 2.13 DECLARED DISTANCES**

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks (including runway entry or start point where alternative reduced declared distances have been declared) Remarks
1	2	3	4	5	6
14	1163	1163	1163	1163	
32	1163	1163	1163	1163	

**VISM 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
14				
32			PAPI LEFT/3.00 DEG MEHT (45.80FT)	
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
	1163 M 60 M White LIH	Red		NIL
	1163 M 60 M White LIH	Red		NIL

**VISM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	On Tower building. White and Green flashes, 22 rpm. As ATS
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	---
		Anemometer	---
3	Taxiway edge and taxiway centre line lights;	Edge	Lighted
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Secondary power supply to all lighting at AD. Switch-over time 10 sec.	
5	Remarks	NIL	

**VISM AD 2.16 HELICOPTER LANDING AREA**

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

**VISM AD 2.17 ATS AIRSPACE**

1.	Airspace designation, geographical coordinates and lateral limits	ATZ: Circular area centered on 310440N 0770422E within a 3NM radius.
2.	Vertical limits	6900 FT
3.	Airspace classification	D
4.	Call sign and language(s) of the air traffic services unit providing service;	SHIMLA Tower, English
5.	Transition altitude	13000 FT
6.	Hours of applicability	As ATS
7.	Remarks	NIL

**VISM AD 2.18 ATS COMMUNICATION FACILITIES**

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	SHIMLA Tower	118.350 MHZ	
Logon address, as appropriate	Hours of operation	Remarks	
5	6	7	
	As ATS	NIL	

**VISM 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 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	SLA	114.100 MHz CH88X	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
310510.1N 0770347.9E	5102 FT		

**VISM AD 2.20 LOCAL AERODROME REGULATIONS**  
  
-----**VISM AD 2.21 NOISE ABATEMENT PROCEDURES**  
  
-----**VISM AD 2.22 FLIGHT PROCEDURES**

1. Preferred departure on Runway 14 and landing on Runway 32.
2. Minimum flight altitude Chandigarh/Shimla Sector: 8600 FT.
3. Minimum flight altitude Shimla/Kullu Sector: 12600 FT.
4. Aircraft operating below the specified minimum altitude are required to avoid terrain immediately north of airfield.



**VISM AD 2.23 ADDITIONAL INFORMATION****1. Objects of Vertical Significance around Shimla Aerodrome**

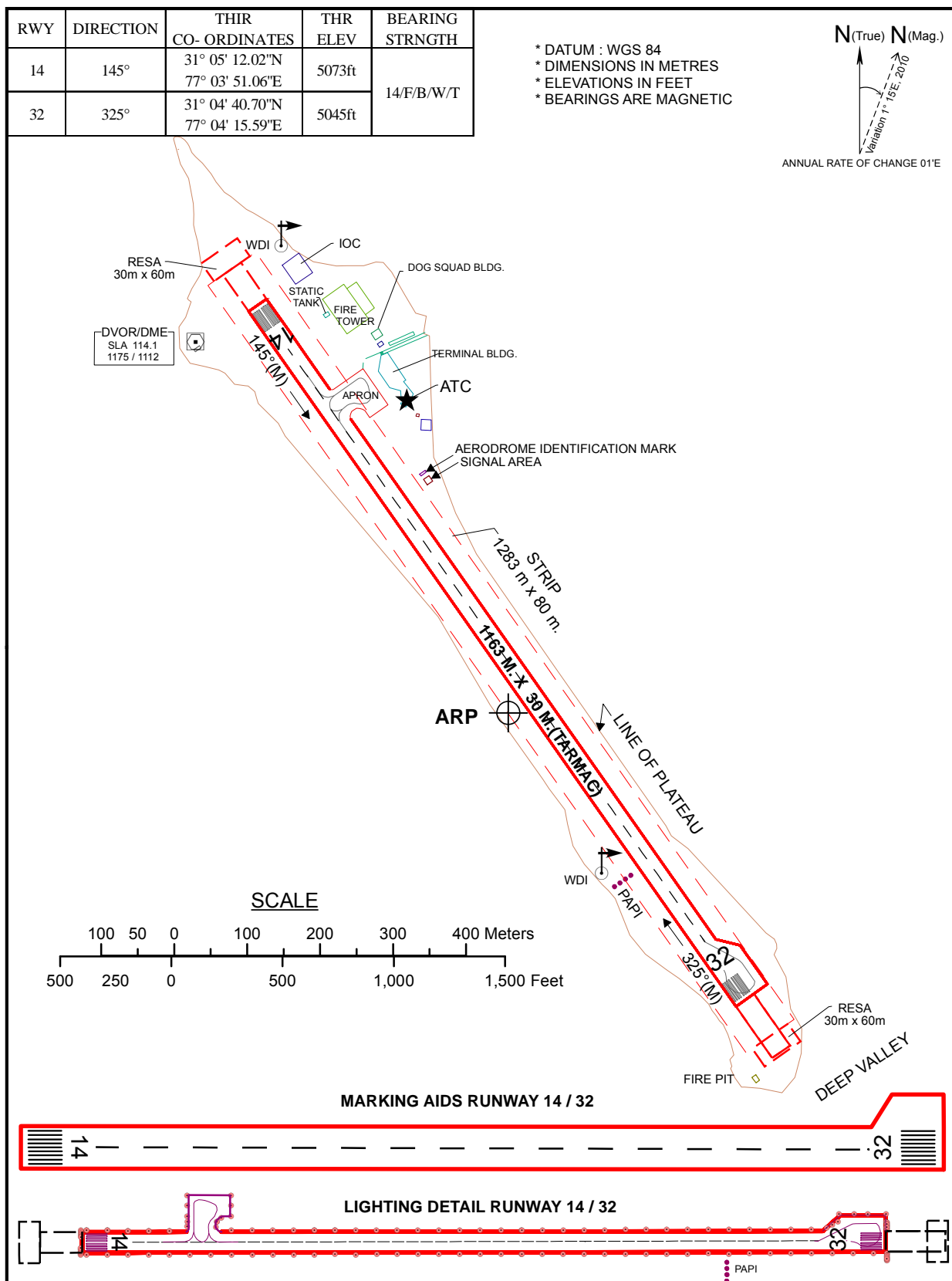
S No.	Object	Top Elevation (M)	Horizontal Distance from ARP (M)	MAG. Bearing From ARP
1	Tree on Hill Top	2076	5150	60.00 DEG
2	Pylon Mast on Hill	1490	6175	70.75 DEG
3	Hill Top	2119	6625	76.25 DEG
4	House on Hill Top	2188	8425	113.50 DEG
5	Hill Top	2075	9450	135.50 DEG
6	Hill Top	1971	8250	141.25 DEG
7	Hill Top	1919	6900	143.50 DEG
8	Hill Top	1973	10050	162.00 DEG
9	Hill Top	2216	15250	169.75 DEG
10	Hill Top	1976	19075	179.75 DEG
11	TV Tower	1962	22975	204.75 DEG
12	Hill Top	1602	3825	231.50 DEG
13	Hill Top	2069	21400	304.75 DEG
14	Hill Top	1828	18425	324.00 DEG
15	Hill Top	1782	9325	343.75 DEG
16	Hill Top	1917	8375	008.50 DEG
17	Hill Top	1972	6150	030.25 DEG
18	Temple on Hill Top	2026	4625	053.00 DEG
19	Hill Top	1525	2125	255.75 DEG
20	Hill Top	1474	3300	133.00 DEG
21	Hill Top	1522	3250	332.00 DEG
22	Hill Top	1855	12700	357.75 DEG
23	ATC Tower	1562.2	450	342.00 DEG

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

1. Aerodrome Chart
2. Aircraft Parking/Docking Chart
3. Aerodrome Obstacle Chart – Type A Runway 14
4. Aerodrome Obstacle Chart – Type A Runway 32

**AERODROME CHART**      **31° 04' 53.687"N**      **ELEV. 5073ft**      **TWR 118.35**      **SHIMLA, INDIA**  
**77° 04' 03.632"E**

SHIMLA AIRPORT



DATE OF AERONAUTICAL INFORMATION  
JULY, 2017

**AIRCRAFT PARKING/  
DOCKING CHART**

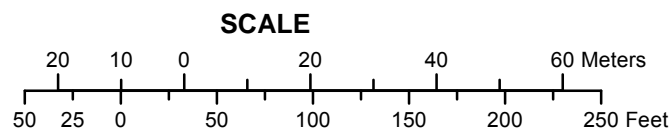
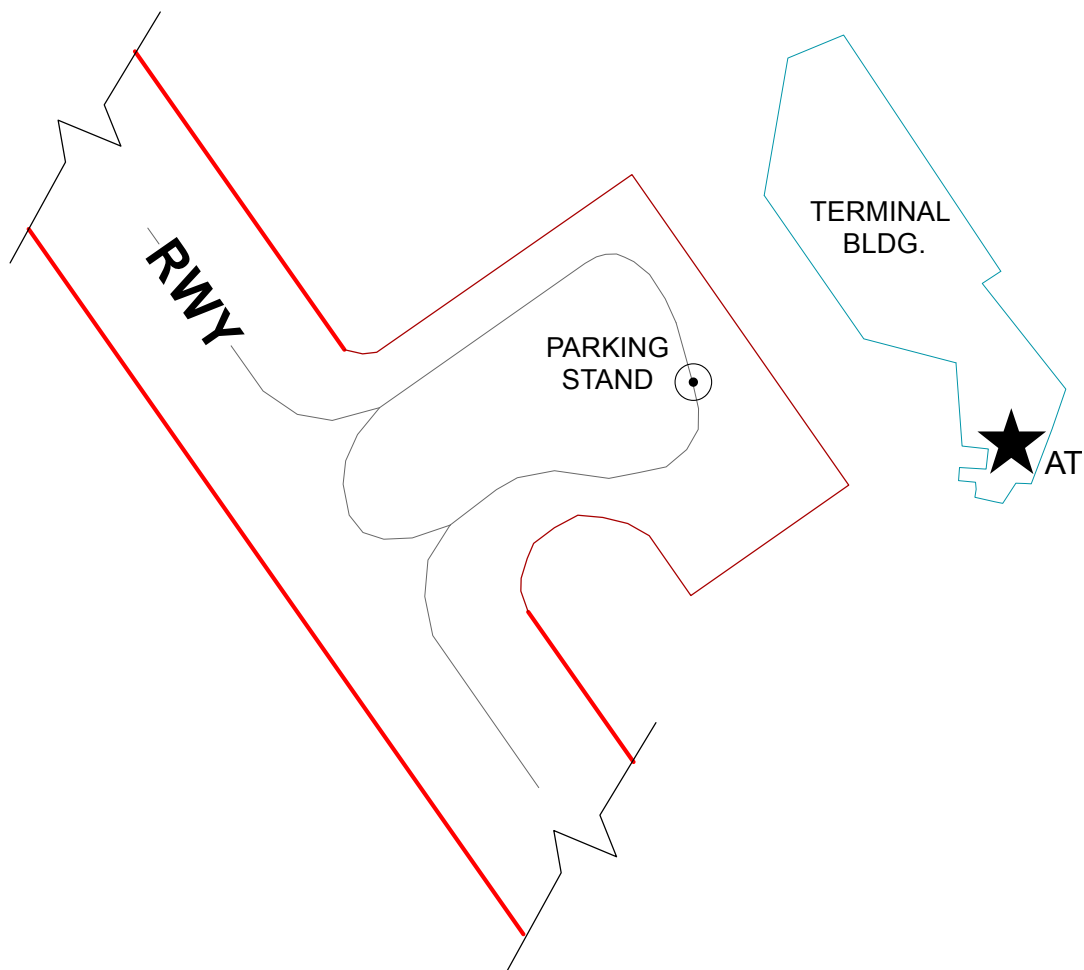
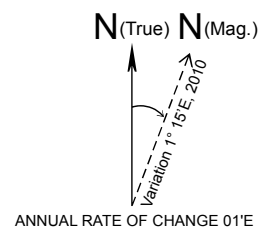
**APRON ELEV. 5066 ft**

**TWR 118.35**

**SHIMLA, INDIA**

SHIMLA AIRPORT

- DATUM: WGS 84
- DIMENSION IN METERS
- ELEVATIONS IN FEET



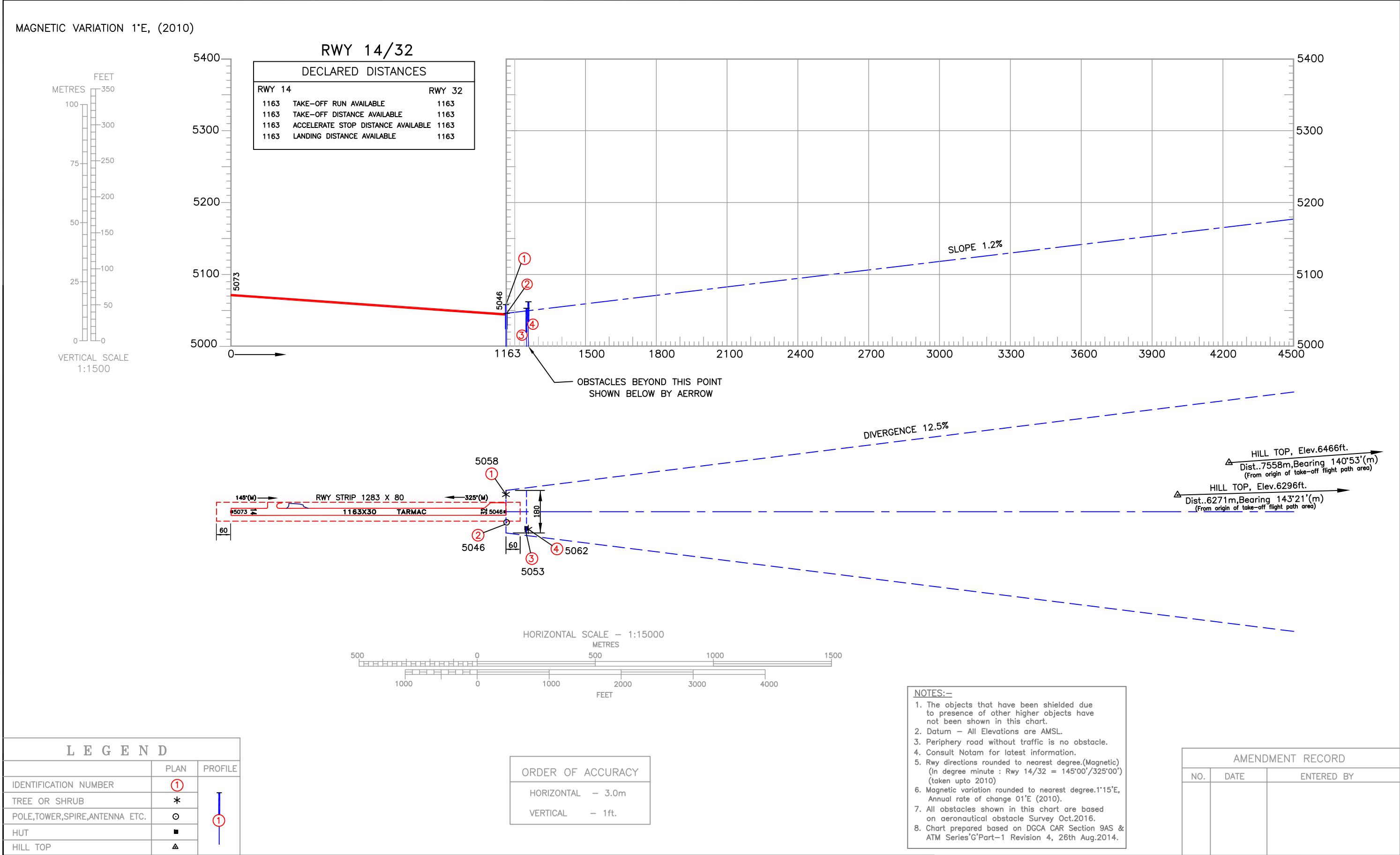
AIRCRAFT STAND				⊙	
STAND NO.	WGS CO-ORDINATES		PCN	SUITABILITY	ELEV.
1	31° 05' 08.037" N	77° 03' 56.799" E	31/F/C/W/U	ATR-42-500	5066 ft.

DATE OF AERONAUTICAL INFORMATION  
JULY, 2017

ELEVATIONS IN FEET  
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART  
TYPE -A (OPERATING LIMITATIONS)

INDIA/SHIMLA  
SHIMLA AIRPORT/RWY14



AERONAUTICAL INFORMATION UPTO - JULY 2017  
वैमानिक सूचना - जुलाई 2017 तक

COMPILED BY- CARTOGRAPHY, AIRPORTS AUTHORITY OF INDIA  
संग्रहित किया : कार्टोग्राफी, भारतीय विमानपत्तन प्राधिकरण

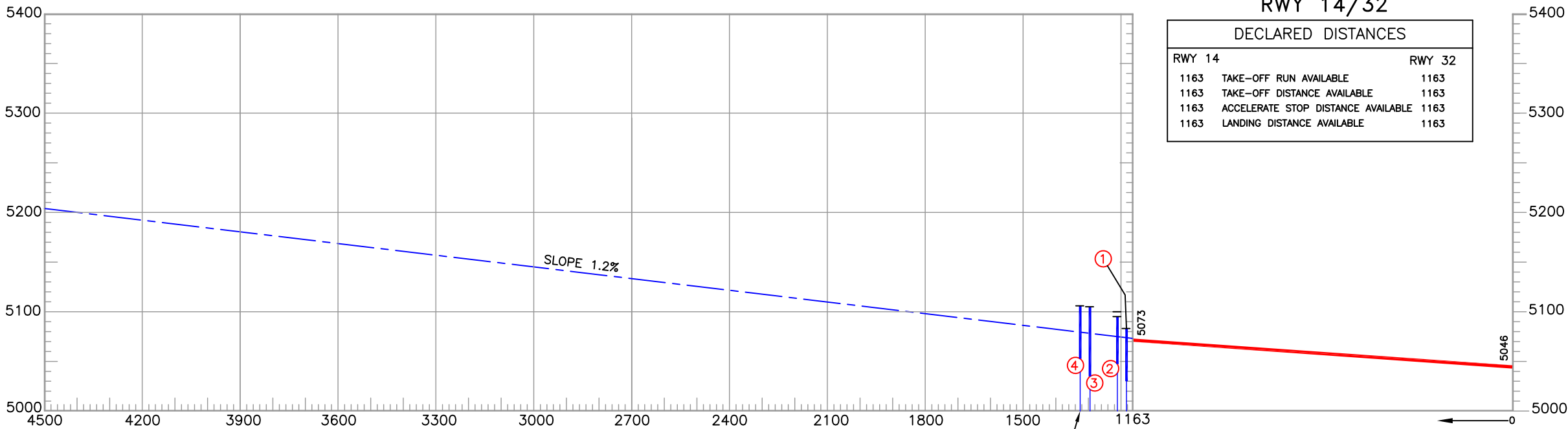
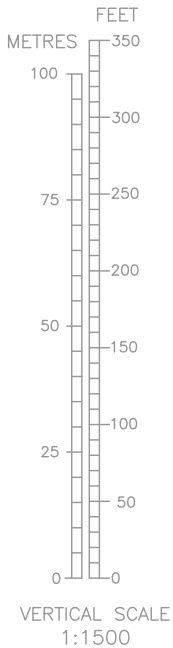
CHART No. AAI/32-OBS/CARTO/2017  
चार्ट सं. भा.वि.प्रा./32-अव./कार्टो/2017

ELEVATIONS IN FEET  
ALL OTHER DIMENSIONS IN METRES

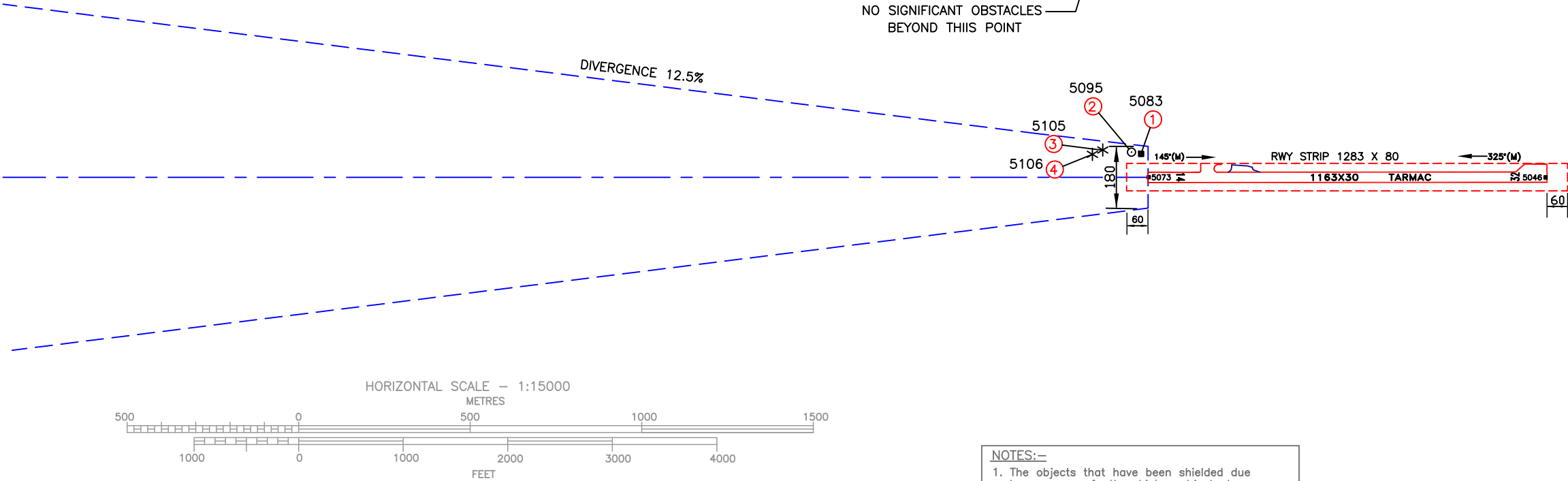
AERODROME OBSTACLE CHART  
TYPE -A (OPERATING LIMITATIONS)

INDIA/SHIMLA  
SHIMLA AIRPORT/RWY32

MAGNETIC VARIATION 1°E, (2010)



RWY 14/32			
DECLARED DISTANCES			
RWY 14		RWY 32	
1163	TAKE-OFF RUN AVAILABLE	1163	
1163	TAKE-OFF DISTANCE AVAILABLE	1163	
1163	ACCELERATE STOP DISTANCE AVAILABLE	1163	
1163	LANDING DISTANCE AVAILABLE	1163	



LEGEND		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
TREE OR SHRUB	*	
HUT	■	
POLE,TOWER,SPIRE,ANTENNA ETC.	○	

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 14/32 = 145°00'/325°00') (taken upto 2010)
  - Magnetic variation rounded to nearest degree.1°15'E, Annual rate of change 01'E (2010).
  - All obstacles shown in this chart are based on aeronautical obstacle Survey Oct.2016.
  - Chart prepared based on DGCA CAR Section 9AS & ATM Series'G'Part-1 Revision 4, 26th Aug.2014.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERONAUTICAL INFORMATION UPTO - JULY 2017  
वैमानिक सूचना - जुलाई 2017 तक

COMPILED BY- CARTOGRAPHY, AIRPORTS AUTHORITY OF INDIA  
संग्रहित किया : कार्टोग्राफी, भारतीय विमानपत्तन प्राधिकरण

CHART No. AAI/33-OBS/CARTO/2017  
चार्ट सं. भा.वि.प्रा./33-अव./कार्टो/2017