

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

VIDN - DEHRADUN / DOMESTIC

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

1	Aerodrome reference point coordinates and its site	301126N 0781056E On magnetic bearing 261 DEG and at 1035 M from physical extremity of RWY 26.	
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	25 KM South-East of city	
3	Aerodrome elevation and reference temperature	1856 FT / 33.0 DEG C	
4	Magnetic variation, date of information and annual change	1.00 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 Jolly Grant Airport Dehradun – 248140,	
		Telephone:	+91-135 2412052 +91-7060278844
		Fax:	+91-135-2410358
		AFS:	---
		Email:	apd_vidn@aai.aero
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7	Remarks		

**VIDN AD 2.3 OPERATIONAL HOURS**

1	Aerodrome Operator	MON-FRI: 0400-1230 UTC (0930-1800 IST )	
2	Custom and immigration	NIL	
3	Health and sanitation	NIL	
4	AIS briefing office	NIL	
5	ATS reporting office (ARO)	As ATS	
6	MET Briefing office	As ATS	
7	Air Traffic Service	Consult current NOTAM for ATS HR.	
8	Fuelling	AVBL	
9	Handling	NIL	
10	Security	AVBL (CISF)	
11	De-icing	NIL	
12	Remarks	Outside of ATS HR services are available O/R with 24HRS PN to Airport Director. The facilities can be arranged to cover any authorized non-sked operations subject to 24 HRS PN. Non SKED flights to obtain positive clearance prior to departure.	
		ATS approved hourly runway traffic handling capacity	Maximum number of arrival and departure- 10 Maximum number of arrival only – 06 Maximum number of departure only -10

**VIDN AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	JET A1

3	Fuelling facilities and capacity	IOCL: Fuel type: ATF (Jet A1 only) Capacity: On-wheels consisting of one mobile tank of 16 KL & Aviation Refueller Vehicles of one 16 KL & one 11 KL capacity. HPCL: on-wheel location. Fuel type: Handled only JET A-1 Capacity: 3 Refueller R-81 (16KL), R-09(16 KL) and R-63(12 KL)
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

**VIDN AD 2.5 PASSENGER FACILITIES**

1	Hotel(s) at or in the vicinity of aerodrome	Available 4-5 Km from Airport
2	Restaurant(s) at or in the vicinity of aerodrome	Available
3	Transportation possibilities	Available Taxi/Rented car
4	Medical Facilities	First aid available at the airport. Hospitals 5 KM from Airport.
5	Bank and post office at or in the vicinity of aerodrome	Banks: Available in Jolly Grant colony. ATM: Available at Airport Post office: Available in Jolly Grant colony
6	Tourist office	GMVN office AVBL
7	Remarks	

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

1	Aerodrome category for fire fighting	Within ATS HR: CAT-7
2	Rescue equipment	Available as per category
3	Capability for removal of disabled aircraft	IATA Aircraft removal kit can be arranged from Mumbai
4	Remarks	

**VIDN AD 2.7 SEASONAL AVAILABILITY CLEARING**

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

**VIDN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

1	Designation, surface and strength of aprons	Designator: Apron Dehradun Surface: Concrete Strength: PCN 45/R/C/W/U
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2	Designation, width, surface and strength of taxiways	<p>Designator: TWY A Width: 23 M Surface: Asphalt Strength: PCN 45/F/C/W/U</p> <p>Designator: TWY B Width: 15 M Surface: Asphalt Strength: PCN 45/F/C/W/U</p> <p>Designator: TWY C Width: 23 M Surface: Asphalt Strength: PCN 45/F/C/W/U</p>
3	Location and elevation of altimeter checkpoints	<p>Location TWY "A" Runway Holding Position (301133.6N 0781133.5E) Elevation 1854 FT TWY "B" Runway Holding Position (301130.6N 0781117.9E) Elevation 1866 FT TWY "C" Runway Holding Position. DIST from RWY: 90M Coordinates 301121.6N 0781052.4E Elevation 1816 FT</p>
4	Location of VOR checkpoints	Holding point Runway 26 on Taxiway "A"
5	Position of INS checkpoints	NIL
6	Remarks	<p>TWY A: Length 140 m and distance 11.5 m from beginning of RWY26 connected with Main Apron. Suitable for Code C aircraft.</p> <p>TWY B: Length 177 m and distance 433 m from beginning of RWY26 connected with State Apron. Suitable for code B aircraft.</p> <p>TWY C: Length 102 m and distance 1200 m from beginning of RWY26 connected with NTRO. Suitable for Code B type aircraft.</p> <p>Details of Apron: -</p> <p>1.Stand 1 to 4 suitable up to A-322 type of aircraft. 2.Stand 5 to 8 suitable up to B19D type of aircraft. 3.Aircraft Stands 1 to 8 in main apron</p>

**VIDN 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	NIL
2	Runway and taxiway markings and lights	<p>RWY Markings THR, Centerline, Edge, Design TDZ RWY 08, Aiming Point RWY 08 Lights RWY08: Edge, End light, THR RWY26: Edge, End light, Wing bar light.</p> <p>TWY Marking Centerline, Edge, Runway Holding Positions Lights Edge</p>
3	Stop bars (if any)	NIL
4	Remarks	

**VIDN 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/APCH 08/TKOF	TREE	301138.6N 0781302.9E	2052 FT	NIL	Group of trees
26/APCH 08/TKOF	TREE	301113.3N 0780951.9E	1832 FT	NIL	Group of trees
26/APCH 08/TKOF	POLE	301138.6N 0781302.0E	2032 FT	NIL	Electric pole
26/APCH 08/TKOF	TREE	301135.6N 0781258.1E	2033 FT	NIL	Group of trees
26/APCH 08/TKOF	NATURAL HIGHPOINT	301127.9N 0781138.6E	1869 FT	NIL	Ground elevation
26/APCH 08/TKOF	TREE	301127.8N 0781144.2E	1960 FT	NIL	Group of trees
26/APCH 08/TKOF	NATURAL HIGHPOINT	301128.4N 0781141.8E	1874 FT	NIL	Ground elevation
26/APCH 08/TKOF	NATURAL HIGHPOINT	301130.1N 0781143.3E	1877 FT	NIL	Ground elev.
26/APCH 08/TKOF	NATURAL HIGHPOINT	301134.2N 0781142.3E	1880 FT	NIL	Ground elev.
26/APCH 08/TKOF	POLE	301135.3N 0781258.1E	2016 FT	NIL	Electric pole
26/APCH 08/TKOF	NATURAL HIGHPOINT	301136.5N 0781142.0E	1880 FT	NIL	Ground elev.
26/APCH 08/TKOF	BUILDING	301134.6N 0781255.7E	2007 FT	NIL	House
26/APCH 08/TKOF	POLE	301132.6N 0781252.5E	2003 FT	NIL	Electric pole
26/APCH 08/TKOF	TREE	301136.7N 0781147.1E	1964 FT	NIL	Group of trees
26/APCH 08/TKOF	BUILDING	301129.1N 0781233.4E	1979 FT	NIL	Building
26/APCH 08/TKOF	POLE	301128.3N 0781237.2E	1973 FT	NIL	Electric pole
26/APCH 08/TKOF	NATURAL HIGHPOINT	301130.9N 0781233.3E	1954 FT	NIL	Ground elev.
26/APCH 08/TKOF	OTHER	301130.6N 0781248.1E	1984 FT	NIL	Mobile road traffic
26/APCH 08/TKOF	OTHER	301128.9N 0781140.8E	1872 FT	NIL	Mobile road traffic
26/APCH 08/TKOF	TREE	301135.3N 0781237.7E	2031 FT	NIL	Group of trees
26/APCH 08/TKOF	OTHER	301126.5N 0781143.4E	1885 FT	NIL	Mobile road traffic
26/APCH 08/TKOF	NATURAL HIGHPOINT	301139.2N 0781241.4E	1986 FT	NIL	Ground elev.
26/APCH 08/TKOF	OTHER	301128.9N 0781144.2E	1892 FT	NIL	Mobile road traffic
26/APCH 08/TKOF	TREE	301142.4N 0781247.2E	2060 FT	NIL	Group of trees
26/APCH 08/TKOF	POLE	301151.8N 0781254.9E	2055 FT	NIL	Electric pole
26/APCH 08/TKOF	POLE	301148.3N 0781259.8E	2054 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
26/APCH 08/TKOF	POLE	301143.6N 0781307.8E	2053 FT	NIL	Electric pole
26/APCH 08/TKOF	BUILDING	301139.2N 0781304.4E	2028 FT	NIL	House
In circling area and at AD	BUILDING	301116.1N 0781025.3E	1813 FT	NIL	House
In circling area and at AD	TREE	301116.3N 0781028.9E	1813 FT	NIL	Group of trees
In circling area and at AD	POLE	301114.9N 0781017.3E	1789 FT	NIL	Electric pole
In circling area and at AD	POLE	301126.0N 0781033.0E	1806 FT	NIL	Electric pole
In circling area and at AD	TREE	301126.2N 0781031.4E	1821 FT	NIL	Group of trees
In circling area and at AD	TREE	301123.7N 0781010.8E	1821 FT	NIL	Tree
In circling area and at AD	TREE	301124.0N 0781005.0E	1831 FT	NIL	Group of trees
In circling area and at AD	TREE	301115.7N 0781022.1E	1796 FT	NIL	Group of trees
26/APCH 08/TKOF	OTHER	301135.7N 0781315.8E	2050 FT	NIL	Mobile road traffic
26/APCH 08/TKOF	TREE	301152.9N 0781332.8E	2220 FT	NIL	Tree
26/APCH 08/TKOF	TREE	301156.6N 0781335.7E	2218 FT	NIL	Tree
In circling area and at AD	NATURAL HIGHPOINT	301127.3N 0781135.2E	1864 FT	NIL	Ground elev.
In circling area and at AD	OTHER	301159.6N 0781339.9E	2199 FT	NIL	Mobile road traffic
In circling area and at AD	BUILDING	301121.3N 0781305.8E	2005 FT	NIL	Building
In circling area and at AD	TREE	301121.2N 0781308.9E	2054 FT	NIL	Tree
In circling area and at AD	OTHER	301126.8N 0781132.3E	1880 FT	NIL	Temporary site office (PNC)
In circling area and at AD	OTHER	301127.0N 0781135.5E	1874 FT	NIL	Temporary hut
In circling area and at AD	TREE	301120.9N 0781133.8E	1928 FT	NIL	Group of trees
In circling area and at AD	TREE	301119.9N 0781143.7E	1978 FT	NIL	Group of trees
In circling area and at AD	TREE	301125.0N 0781143.2E	1974 FT	NIL	Group of trees
In circling area and at AD	TREE	301140.6N 0781148.5E	1970 FT	NIL	Group of trees
In circling area and at AD	TREE	301123.0N 0781302.6E	2040 FT	NIL	Tree
In circling area and at AD	TREE	301144.5N 0781149.7E	1962 FT	NIL	Group of trees
In circling area and at AD	OTHER	301125.7N 0781309.6E	2014 FT	NIL	Mobile road traffic
In circling area and at AD	OTHER	301132.8N 0781110.6E	1871 FT	NIL	NDB 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	OTHER	301132.8N 0781111.1E	1867 FT	NIL	Cage Ariel
In circling area and at AD	OTHER	301123.3N 0781104.7E	1845 FT	NIL	Wind direction indicator
In circling area and at AD	OTHER	301132.9N 0781111.6E	1873 FT	NIL	NDB mast.
In circling area and at AD	ANTENNA	301133.1N 0781111.7E	1859 FT	NIL	Mobile ATC (antenna top)
In circling area and at AD	POLE	301118.4N 0781039.8E	1813 FT	NIL	Electric pole
In circling area and at AD	POLE	301118.9N 0781043.0E	1818 FT	NIL	Electric pole
In circling area and at AD	TREE	301131.2N 0781057.2E	1853 FT	NIL	Group of trees
In circling area and at AD	TREE	301118.9N 0781043.4E	1841 FT	NIL	Group of trees
In circling area and at AD	TREE	301113.9N 0781042.7E	1870 FT	NIL	Group of trees
In circling area and at AD	BUILDING	301117.6N 0781045.6E	1831 FT	NIL	Building
In circling area and at AD	NATURAL HIGHPOINT	301723.7N 0781323.8E	5692 FT	NIL	Hill
In circling area and at AD	NATURAL HIGHPOINT	301704.0N 0781523.1E	6483 FT	NIL	Hill
In circling area and at AD	NATURAL HIGHPOINT	301456.9N 0781421.9E	4469 FT	NIL	Hill
In circling area and at AD	NATURAL HIGHPOINT	301444.5N 0781803.4E	6614 FT	NIL	Hill
In circling area and at AD	NATURAL HIGHPOINT	301152.6N 0781533.0E	3635 FT	NIL	Hill
In circling area and at AD	NATURAL HIGHPOINT	301033.9N 0781854.6E	5443 FT	NIL	Hill
In circling area and at AD	NATURAL HIGHPOINT	301125.3N 0781122.5E	1846 FT	NIL	Ground elev.
In circling area and at AD	TREE	301125.8N 0781308.9E	2055 FT	NIL	Tree
In circling area and at AD	TREE	301120.0N 0781103.6E	1882 FT	NIL	Group of trees
In circling area and at AD	TREE	301120.4N 0781109.8E	1910 FT	NIL	Group of trees
In circling area and at AD	TREE	301120.5N 0781115.4E	1902 FT	NIL	Group of trees
In circling area and at AD	NATURAL HIGHPOINT	301647.0N 0780955.5E	4423 FT	NIL	Hill

**VIDN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Name of the associated meteorological office	Meteorological Center Dehradun
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	NIL

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;	Anemometer, Wind Pane, Aneroid Barometer, Stevenson screen.
9	The air traffic services unit(s) provided with meteorological information	VIDN ATC
10	Additional information, e.g. concerning any limitation of service.	

**VIDN 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	79.63 DEG	2140 x 45 M	45/F/C/W/U	THR: 301118.25N 0781015.74E
26	259.63 DEG	2140 x 45 M	45/F/C/W/U	THR: 301124.90N 0781056.50E

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: 1784.0FT TDZ:	1.03%	NIL	NIL	2260 x 150 M
THR: 1822.0FT TDZ:	-1.03%	NIL	NIL	2260 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
----	----	NOT PROTECTED	APCH Slope 2.0 % RWY Gradient: 0.9975% Elevation RWY 08 beginning: 1784 FT
----	----	NOT APPLICABLE	APCH Slope 2.5% RWY Gradient: 0.9975% Elevation RWY 26 beginning: 1856 FT

**VIDN AD 2.13 DECLARED DISTANCES**

<b>RWY Designator</b>	<b>Take-off run available TORA (M)</b>	<b>Take-off distance available TODA (M)</b>	<b>Accelerate distance available ASDA (M)</b>	<b>Landing distance available LDA (M)</b>	<b>Remarks (including runway entry or start point where alternative reduced declared distances have been declared)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
08	2140	2140	2140	2140	---
26	2140	2140	2140	1111	Threshold displaced by 1029 M

**VIDN AD 2.14 APPROACH AND RUNWAY LIGHTING**

<b>Runway Designator</b>	<b>Type, length and intensity of approach lighting system</b>	<b>Runway threshold lights, colour and wing bars</b>	<b>Type of visual slope indicator system</b>	<b>Length of runway touchdown zone lights</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
08	SALS 420 M LIH	Green	PAPI LEFT/3.00 DEG MEHT (54.85FT)	
26	NIL	Green	NIL	

<b>Length, spacing, colour and intensity of runway centre line lights</b>	<b>Length, spacing, colour and intensity of runway edge lights</b>	<b>Colour of runway end lights and wing bars</b>	<b>Length and colour of stopway lights</b>	<b>Remarks</b>
<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
	2140 M 60 M White LIH	Red		NIL
	2140 M 60 M White LIH	Red		NIL

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

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	ABN: Available at the top of ATC Tower. Flashing Alternate White & Green. FREQ: 20-30 per minute
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	LDI: Available on LHS of RWY 08. WDI: Lighted WDI available south of RWY 26.
		Anemometer	Met Office
3	Taxiway edge and taxiway centre line lights;	Edge	AVBL
		Centre Line	-----
4	Secondary power supply including switch-over time;	Secondary power supply to all lighting at AD. a) Switch over time less than 1 Sec for RWY/TWY lighting. b) Switch over time less than 15 Sec for other facilities.	



5	Remarks	
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**VIDN 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

**VIDN AD 2.17 AIR TRAFFIC SERVICE AIRSPACE**

1	Airspace designation, geographical coordinates and lateral limits	CTR: Circular area centered on VOR DDN (301121N 0781001E) within a 5NM radius.
2	Vertical limits	7500 FT
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Dehradun Tower, English
5	Transition altitude	12000 FT
6	Hours of applicability	HO
7	Remarks	1. Portion of VIR162 within control zone of VIDN is redefined as Temporary Segregated Area under control of ATC Sarsawa which can be activated with 24HRS of notification.  2. ACFT to/from VIDN shall take positive clearance from ATC Sarsawa on 123.5MHZ.

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

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Dehradun Tower	122.300 MHZ	
ATIS	Dehradun Information	128.400 MHZ	

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

**VIDN 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
LOC 08	IDUN	108.900 MHz	As ATS
GP 08		329.300 MHz	As ATS
DME ILS 08	IDUN	CH26X	As ATS
VOR/DME	DDN	112.600 MHz CH73X	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
301132.0N 0781141.8E			
301123.4N 0781026.0E			
301123.4N 0781026.0E			collocated with GP
301120.7N 0781000.7E	1781 FT		Unusable below 12000 feet beyond 16NM from 350 deg. to 110 deg.

**VIDN AD 2.20 LOCAL AERODROME REGULATIONS**

- i. Aircraft stands 1 to 8 are power -in/power -out via TWY A.
- ii. Entry into Aircraft Stands 1 to 8 will be through TWY-A.
- iii. Parking into State Apron will be through TWY-B for Only B200 Type Aircraft
- iv. Entry into TWY C is restricted.
- v. Only idle power engine run is permitted on aircraft stands, after exercising all necessary ground precautions.
- vi. Due to reciprocal nature of runway, arrivals will have priority over departures and accordingly approval for start-up will be given so as not to delay the arrival flights. Departures to expect Delay due to arriving traffic under normal conditions.
- vii. Departing aircraft to be given taxi approval only when the arrival aircraft is fully parked on stand or succeeding departing aircraft has reported entered the runway.

**VIDN AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**VIDN AD 2.22 FLIGHT PROCEDURES**

NIL

**VIDN AD 2.23 ADDITIONAL INFORMATION**

1. Due to shortage of parking bays at VIDN Positive Clearance must be obtained from Dehradun ATC before clearing any Non-Schedule flight to Dehradun.

2. All Non Schedule operators shall co-ordinate at least 24 HRS in advance to operate at CA Dehradun within or outside Watch HRS

3. Aircraft Stand Details:

Stand No.	Suitability	Strength	Coordinates (WGS84)	Elevation (Feet)	Remarks
1	A322	45/R/C/W/U Concrete	301137.57N 0781129.07E	1858	Power-IN/ Power-OUT
2	A322	45/R/C/W/U Concrete	301137.80N 0781130.56E	1859	Power-IN/ Power-OUT
3	A322	45/R/C/W/U Concrete	301138.04N 0781132.05E	1859	Power-IN/ Power-OUT
4	A322	45/R/C/W/U Concrete	301138.28N 0781133.54E	1860	Power-IN/ Power-OUT
5	B19D	45/R/C/W/U Concrete	301139.72N 0781136.09E	1862	Power-IN/ Power-OUT
6	B19D	45/R/C/W/U Concrete	301139.01N 0781136.24E	1862	Power-IN/ Power-OUT
7	B19D	45/R/C/W/U Concrete	301138.31N 0781136.39E	1861	Power-IN/ Power-OUT
8	B19D	45/R/C/W/U Concrete	301137.61N 0781136.54E	1860	Power-IN/ Power-OUT

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

1. Aerodrome Chart

2. Aircraft Parking/Docking Chart

3. Aerodrome Obstacle Chart Type – A, (Operating Limitations) RWY 08

4. Aerodrome Obstacle Chart Type – A, (Operating Limitations) RWY 26

5. ILS Procedure RWY 08

6. VOR Procedure RWY 08 (CAT A/B/C)

## AERODROME CHART

30°11'26.25"N  
078°10'55.98"E

ELEV 1856

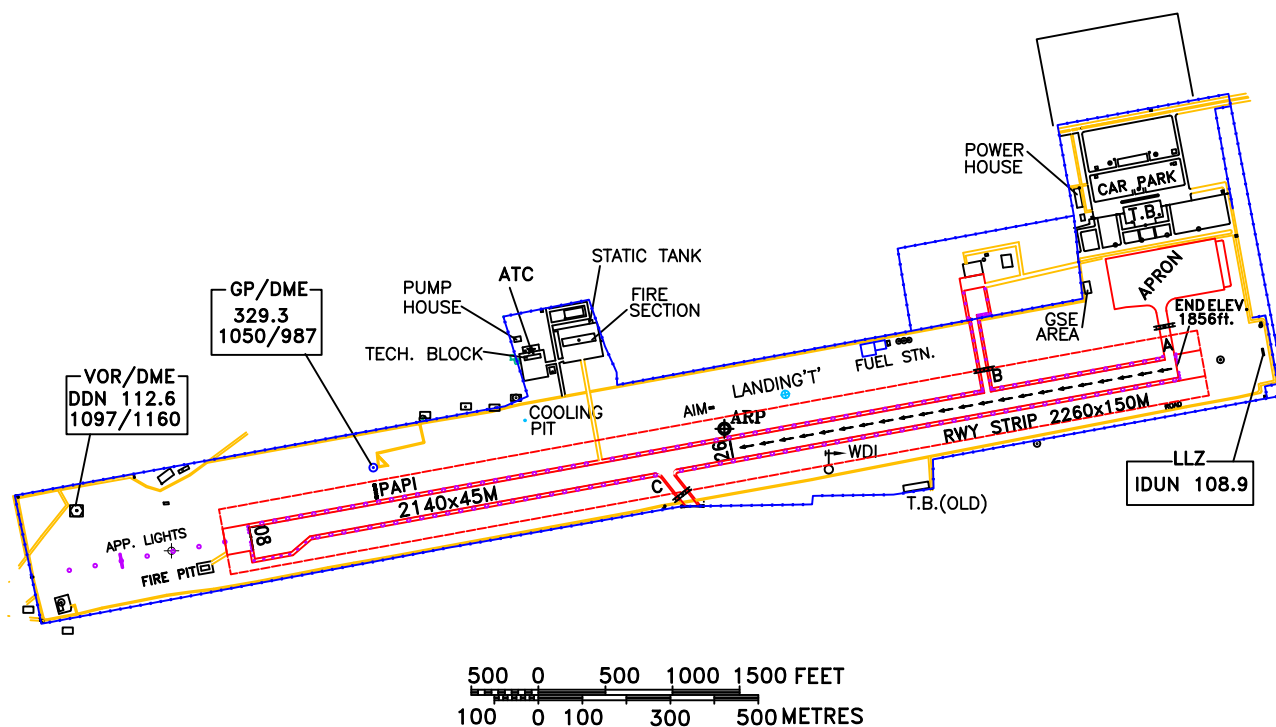
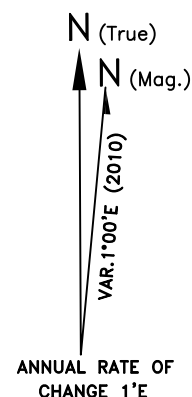
TWR 122.3

## DEHRADUN, INDIA

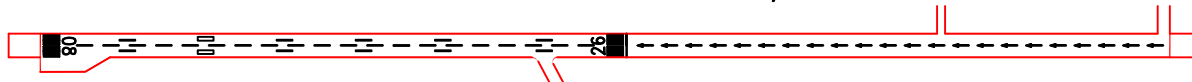
## DEHRADUN AIRPORT

RWY	DIRECTION	THR CO-ORDINATES	THR ELEV.	BEARING STRENGTH
08	079°	30°11'18.25"N 078°10'15.74"E	1784	45/F/C/W/U
26	259°	30°11'24.90"N 078°10'56.50"E	1822	

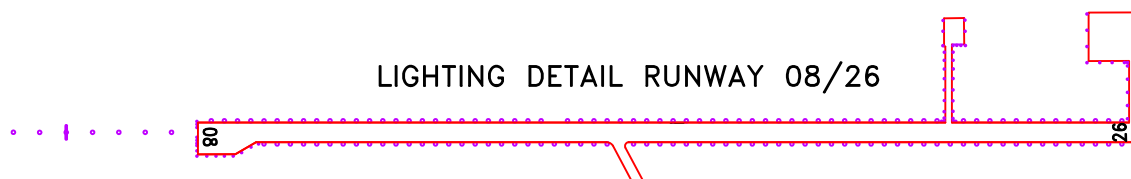
- \* DATUM : WGS-84
- \* BEARINGS ARE MAGNETIC
- \* DIMENSIONS IN METRES
- \* ELEVATIONS IN FEET.
- \* TAXIWAYS A & C 23M WIDE
- \* TAXIWAY B 15M WIDE



## MARKINGS AIDS RUNWAY 08/26



## LIGHTING DETAIL RUNWAY 08/26

DATE OF AERONAUTICAL INFORMATION  
APRIL 2016

AIRCRAFT PARKING/  
DOCKING CHART

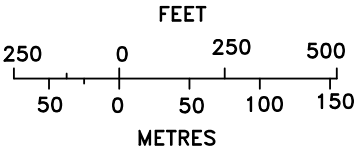
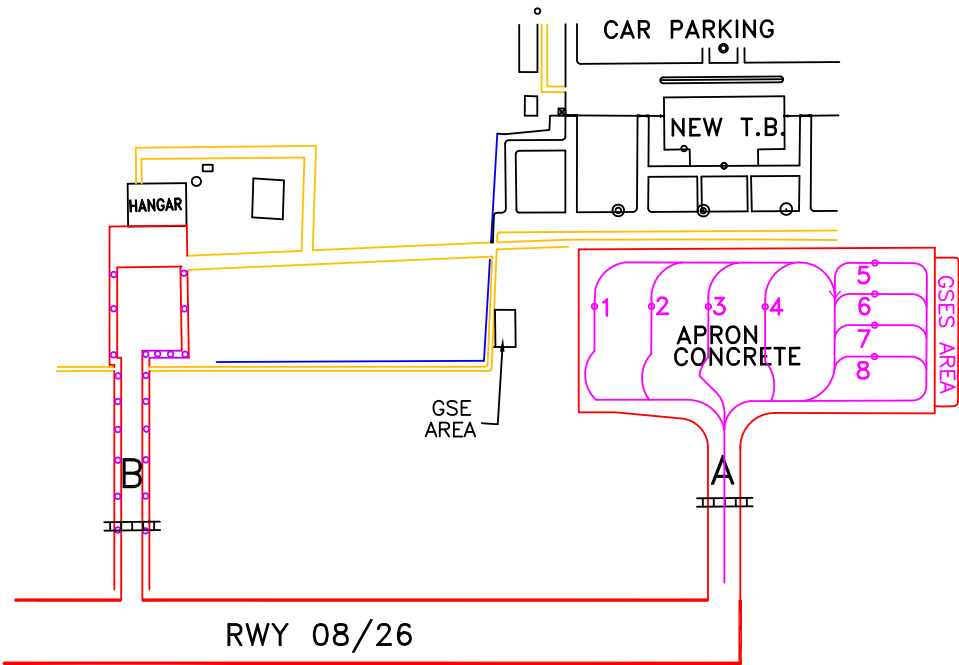
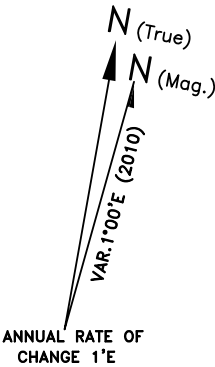
APRON ELEV 1862

TWR 122.3

DEHRADUN,INDIA

DEHRADUN AIRPORT

- \* DATUM : WGS-84
- \* DIMENSIONS IN METRES
- \* ELEVATIONS IN FEET.
- \* TAXIWAYS A & C 23M WIDE
- \* TAXIWAY B 15M WIDE



LEGEND	
AIRCRAFT STAND	8
RWY HOLDING POSITION	XXXX

BAY No.	CO-ORDINATES (WGS 84)	SUITABILITY	ELEV.	PCN	POWER-IN POWER-OUT
1.	30°11'37.57"N 078°11'29.07"E	A322	1858	45/R/C/W/U	POWER-IN POWER-OUT
2.	30°11'37.80"N 078°11'30.56"E	A322	1859	45/R/C/W/U	
3.	30°11'38.04"N 078°11'32.05"E	A322	1859	45/R/C/W/U	
4.	30°11'38.28"N 078°11'33.54"E	A322	1860	45/R/C/W/U	
5.	30°11'39.72"N 078°11'36.09"E	B19D	1862	45/R/C/W/U	
6.	30°11'39.01"N 078°11'36.24"E	B19D	1862	45/R/C/W/U	
7.	30°11'38.31"N 078°11'36.39"E	B19D	1861	45/R/C/W/U	
8.	30°11'37.61"N 078°11'36.54"E	B19D	1860	45/R/C/W/U	

TWY A,B & C PCN 45/F/C/W/U

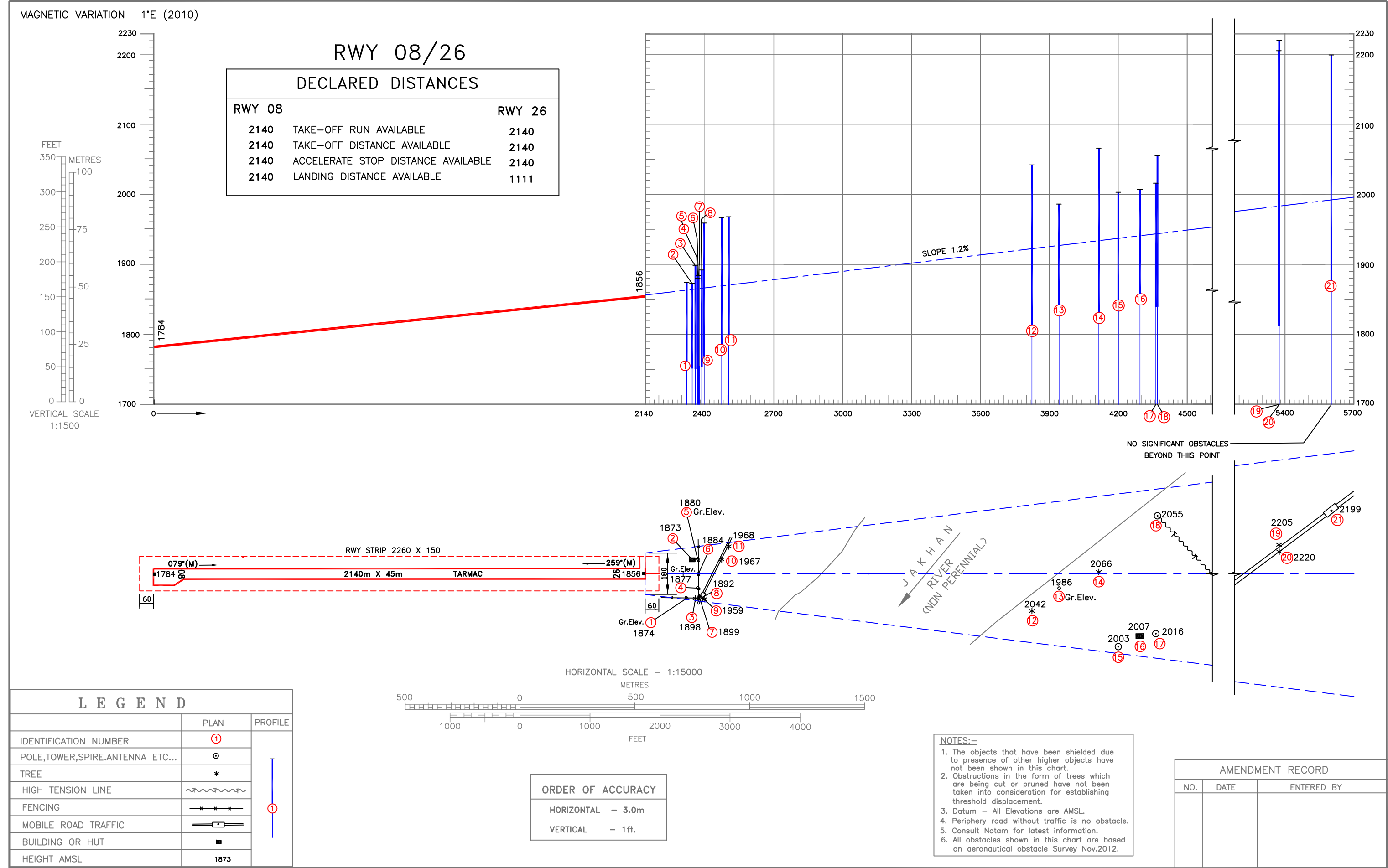
NOTE: -  
1. AERONAUTICAL GROUND LIGHTS ARE NOT  
SHOWN IN THIS CHART

DATE OF AERONAUTICAL INFORMATION  
APRIL 2016

ELEVATIONS IN FEET  
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART  
TYPE -A (OPERATING LIMITATIONS)

INDIA/DEHRADUN  
DEHRADUN AIRPORT- RWY 08



ELEVATIONS IN FEET  
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART  
TYPE -A (OPERATING LIMITATIONS)

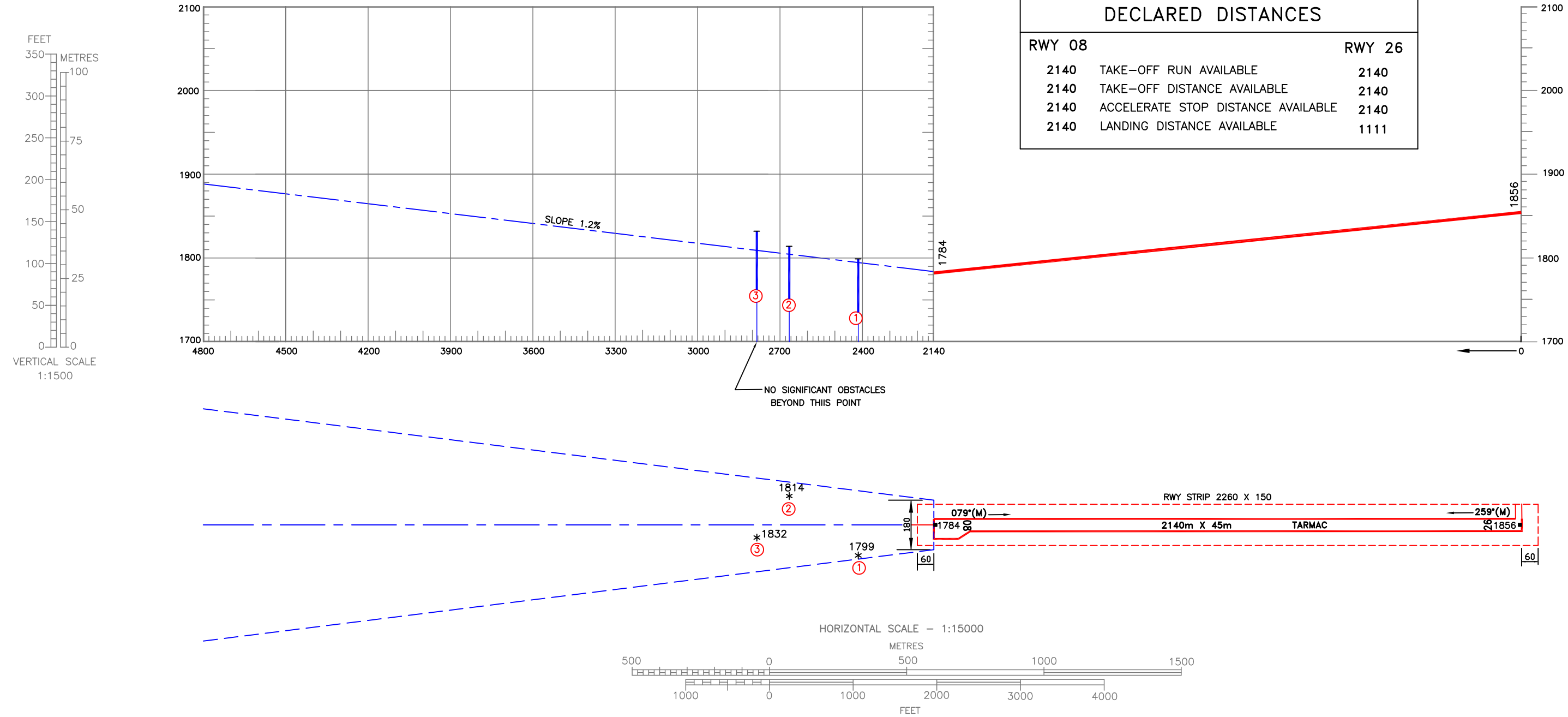
INDIA/DEHRADUN  
DEHRADUN AIRPORT- RWY 26

MAGNETIC VARIATION -1°E (2010)

RWY 08/26

DECLARED DISTANCES

RWY 08		RWY 26
2140	TAKE-OFF RUN AVAILABLE	2140
2140	TAKE-OFF DISTANCE AVAILABLE	2140
2140	ACCELERATE STOP DISTANCE AVAILABLE	2140
2140	LANDING DISTANCE AVAILABLE	1111



LEGEND		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	①
TREE	*	
HEIGHT AMSL	1799	

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. All obstacles shown in this chart are based on aeronautical obstacle Survey Nov.2012.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERONAUTICAL INFORMATION UPTO - AUGUST 2013  
वैमानिक सूचना . अगस्त 2013 तक

COMPILED BY- AERONAUTICAL CHART CELL, AIRPORTS AUTHORITY OF INDIA  
संग्रहित किया : वैमानिक मानचित्र प्रकोष्ठ, भारतीय विमानपत्तन प्राधिकरण

CHART No. AAI/30-OBS/ACC/2013  
चार्ट सं. भा.वि.प्रा./30-अव./वै.मा.प्र./2013

INSTRUMENT  
APPROACH  
CHARTAERODROME ELEV 1856ft.  
HEIGHTS RELATED TO  
THR RWY 08 ELEV 1784ft

TWR 122.3

DEHRADUN  
INDIA  
ILS RWY 08  
78°20'

77°50'E

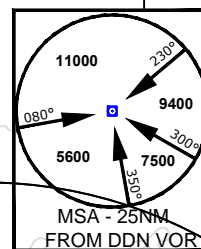
78°00'

78°10'

COORDS OF RADIO NAV AID WGS-84  
BEARING ARE MAGNETIC  
ALTITUDE, ELEVATIONS  
AND HEIGHTS IN FEET.  
All Radials and distances are from VOR (112.6 DDN)  
unless otherwise specified.

Annual Rate  
of change 1'E

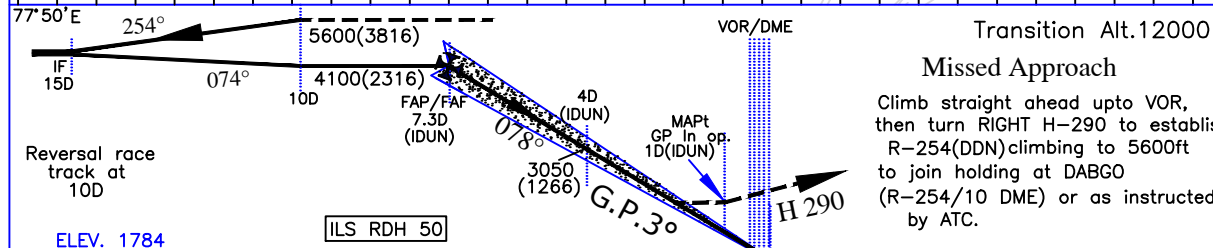
DME REQUIRED

VIR 155B  
UNL  
GND  
7979

## GP In-Operative procedure

IF 15D  
Altitude at IF 5600ft  
FAF 7.3D(IDUN)  
Altitude at FAF 4100ft  
Descent Gradient 5.2%  
MAPt. 1D(IDUN)

Visual circling NOT authorised

Speed restricted to  
185kt IAS Maximum.VIR 162  
UNL  
GNDLOC 108.9  
IDUNVOR/DME 112.6  
DDN  
30° 11' 20.7"N  
078° 10' 00.66"ESCALE  
1 0 1 2 3 4 NM

O C A (H)			Distance (IDUN) / Altitude information							
CATEGORY OF AIRCRAFT	A/B	C	Distance(NM)	7.3D	7D	6D	5D	4D	3D	2D
STRAIGHT-IN	2140(356)	2140(356)	Altitude(Ft.)	4100	4000	3680	3370	3050	2730	2420
GP in-op Procedure:			Ground speed & Rate of descent information							
STRAIGHT-IN	2470(686)	2470(686)	Ground speed (kt.)	80	100	120	140	160		
			Rate of descent (ft/min)	420	525	630	735	845		

DRG. NO. AAI/08 IALC/11/01-05-2016



INSTRUMENT  
APPROACH  
CHARTAERODROME ELEV 1856ft.  
HEIGHTS RELATED TO  
THR RWY 08 ELEV 1784ft

TWR 122.3

DEHRADUN  
INDIA  
VOR RWY 08  
(Cat-A/B/C)

78°00'E

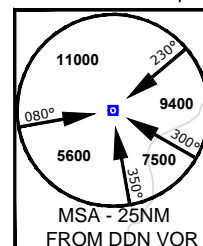
78°10'

78°20'

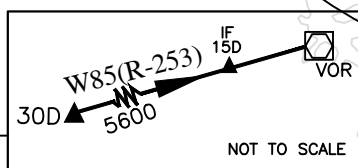
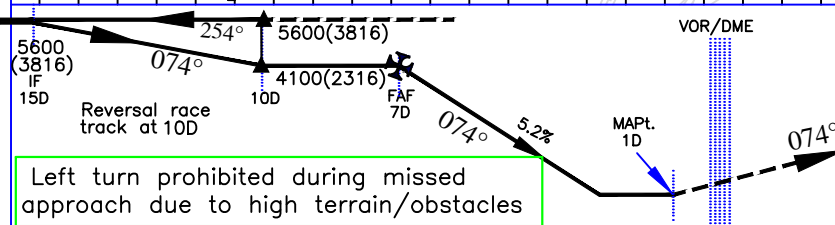
COORDS OF RADIO NAV AID WGS-84  
BEARING ARE MAGNETIC  
ALTITUDE, ELEVATIONS  
AND HEIGHTS IN FEET.

All Radials and distances are from VOR (112.6 DDN)

DME REQUIRED

VARI 00°E 2010  
Annual Rate  
of change 1'EVID 126  
19000'  
GNDVIR 162  
UNL  
GNDVIR 155B  
UNL  
GNDAcft shall remain in contact with Sarsawa ATC(123.5MHz)  
till advised to change over to Dehradun Tower(122.3 MHz)Speed restricted to  
185kts IAS MaximumFinal Approach Track  
offset by 5° from Rwy C/LVOR/DME 112.6  
DDN  
30° 11' 20.7"N  
078° 10' 00.66"E

CIRCLING IS NOT PERMITTED

SCALE  
1 0 1 2 3 4 NMLeft turn prohibited during missed  
approach due to high terrain/obstacles

ELEV. 1784

Transition Alt.12000

Missed Approach

Climb straight ahead upto VOR,  
then turn RIGHT to establish radial  
R-254 Climbing to 5600ft to join  
holding at DABGO (R-254/10 DME)  
or as instructed by ATC.Missed approach speed restricted to  
185kt IAS Max until completion of turn

			Nautical miles from THR RWY 08						
O C A (H)			Distance (DDN) / Altitude information						
CATEGORY OF AIRCRAFT	A/B	C	Distance(NM)	7D	6D	5D	4D	3D	2D
STRAIGHT-IN	2470(686)	2470(686)	Altitude(Ft.)	4100	3790	3480	3160	2840	2530
			Ground Speed & Rate of Descent information						
			Ground speed (kt.)						
			Rate of descent (ft/min)						

DRG. NO. AAI/4-IALC/08/01-05-2016