

AD 2. AERODROME

VNSK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VNSK – Surkhet/Domestic

VNSK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP Coordinates and site at AD	283509 N* 0813807 E
2.	Direction and Distance from (city)	2.5 Km, East of Birendranagar City
3.	Elevation/Reference Temperature	2278 ft (694.4m)
4.	MAG VAR/Annual Change	-
5.	AD Administration, address Telephone, Telefax, Telex AFS	Civil Aviation Authority of Nepal Surkhet Civil Aviation Office, Surkhet Te1-977- 083 – 520202, 977- 083 –251945, 977- 083 –525219 Fax -977- 083-521945 AFS - VNSKYDYX
6.	Types of traffic permitted (IFR/VFR)	VFR
7.	Remarks	-

VNSK AD 2.3 OPERATIONAL HOURS

1.	AD Administration	SUN-THU 10:00 -17:00 LT (SUMMER), 10:00-1600 LT (WINTER), FRI 10:00-1500 LT
2.	Customs and immigration	NIL
3.	Health and sanitation	NIL
4.	AIS Briefing Office	NIL
5.	ATS Reporting Office (ARO)	NIL
6.	MET Briefing	NIL
7.	ATS	1) From 16 Feb - 15 Nov 1st Shift 2nd Shift 0015 UTC - 0630 UTC 0630 UTC - 1245 UTC 2) From 16 Nov - 15 Feb 1st Shift 2nd Shift 0045 UTC - 0630 UTC 0630 UTC - 1215 UTC
8.	Fuelling	JET A1 during Operation Hours.
9.	Handling (Cargo)	NIL
10.	Security	H-24
11.	Remarks	Any change will be notified by NOTAM

* WGS 84 Coordinates

VNSK AD 2.4 HANDLING SERVICES AND FACILITIES

1.	<i>Cargo-handling facilities</i>	<i>Available with local airlines operator</i>
2.	<i>Fuel/Oil Types</i>	<i>JET A1 / Not Available.</i>
3.	<i>Fuelling facilities/capacity</i>	Storage Capacityu (KL) Physical -60, Mobile-22 Storage Type: UG Tank (15×4) Refueller Details: AR23 (11KL), AR28 (11KL)
4.	<i>De-icing facilities</i>	<i>NIL</i>
5.	<i>Hangar space for visiting aircraft</i>	<i>NIL</i>
6.	<i>Repair facilities for visiting aircraft</i>	<i>NIL</i>
7.	<i>Remarks</i>	-

VNSK AD 2.5 PASSENGER FACILITIES

1.	<i>Hotels</i>	<i>In the city</i>
2.	<i>Restaurants</i>	<i>In the city</i>
3.	<i>Transportation</i>	<i>Auto Rickshaw, Taxi service from AD</i>
4.	<i>Medical Facilities</i>	<i>First Aid at AD, Hospital in the city</i>
5.	<i>Bank and Post Office</i>	<i>In the city</i>
6.	<i>Tourist Office</i>	<i>NIL</i>
7.	<i>Remarks</i>	-

VNSK AD 2.6 RESCUE AND FIRE FIGHTING SERVICE

1.	<i>AD category for fire fighting</i>	Nil
2.	<i>Rescue equipment</i>	Available
3.	<i>Capability for removal of disabled aircraft</i>	Nil
4.	<i>Remarks</i>	Small Fire Vehicle (Buffalo) and wheel type of fire extinguishers available.

VNSK AD 2.7 SEASONAL AVAILABILITY

Aerodrome available throughout the year

. VNSK 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA

1.	<i>Apron surface and strength</i>	<i>Surface - Asphalt Concrete and 9/F/A/Y/T</i>
2.	<i>Taxiway width, surface and strength</i>	<i>Width - TWY A 19m, TWY B 21.5m TWY C 21m, Surface - Asphalt and 9/F/A/Y/T</i>
3.	<i>Altimeter check point location and elevation</i>	-
4.	<i>VOR/INS checkpoints</i>	<i>NIL</i>
5.	<i>Remarks</i>	-

VNSK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1.	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	<i>Taxiing guidance signs at intersections with TWY and RWY and at holding positions. Guide lines at apron.</i>
2.	<i>RWY and TWY markings and LGT</i>	<i>RWY: 02/20, THR, TDZ, Center line RWY edge marked. TWY: Center line, holding positions at all TWY/RWY intersections marked.</i>
3.	<i>Stop bars</i>	-
4.	<i>Remarks</i>	-

VNSK AD 2.10 AERODROME OBSTACLES

<i>In area 2</i>					
<i>OBST ID/ Designation</i>	<i>Obstacle type</i>	<i>Obst. position *</i>	<i>ELEV/HGT (mt.)</i>	<i>Markings/Type color</i>	<i>Remarks</i>
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>
VNSKOB001	NA	NA	NA	NA	
VNSKOB002	NA	NA	NA	NA	

VNSK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	
2	<i>Hours of service MET office outside hours</i>	
3	<i>Office responsible for TAF preparation periods of validity</i>	
4	<i>Type of landing forecast interval of issuance</i>	
5	<i>Briefing/Consultation provided</i>	
6	<i>Flight documentation language(s) used</i>	
7	<i>Charts and other information available for briefing or consultation</i>	
8	<i>Supplementary equipment available for providing information</i>	
9	<i>ATS units provided with information</i>	
10	<i>Additional information (limitation of service, etc.)</i>	

* WGS 84 Coordinates

VNSK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designation RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength(PCN) and surface of RWY and SWY	THR Coordinates	THR elevation
1	2	3	4	5	6
02	15.8°	1255 × 30	Asphalt concrete	283448.74N* 0813802.49E	675.58 m AMSL.
20	195.8°	1255 × 30	Asphalt concrete	283527.98N* 0813815.12E	694.30 m AMSL.
Slope of RWY-SWY					
7	8	9	10	11	12
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VNSK AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
02	1255	1255	1255	1255	
20	1255	1255	1255	1255	

VNSK AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT color WBAR	VASIS PAPI	TDZ LGT LEN	RWY Center Line LGT Length, spacing color, INTST	RWY edge LGT LEN, spacing color INTST	RWY End LGT color	SWY LGT LEN (M) color	Remarks
1	2	3	4	5	6	7	8	9	10
02	NIL	Green	PAPI 3.00°	NIL	NIL	1255m, 60m, variable white, white- yellow, LIH	Red	NIL	PAPI RWY 02 is restricted and unusable beyond 3 NM from the Runway Threshold
20	NIL	Green	NIL	NIL	NIL	1255m, 60m, variable white, white- yellow, LIH	Red	NIL	

VNSK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN Location, characteristics and hours of operation	ABN: Above Aerodrome Control Tower, Green flashes alternating with white flashes, 28 flashes per minute normally after Sunset.
2.	LDI Location and LGT Anemometer Location and LGT	
3.	TWY edge and Centre line lighting	NIL
4.	Secondary power supply / switch over time	Stand-by Diesel Generator to all lighting and Uninterrupted Power Supply to Airfield Ground Lighting (AGL) System at AD. Switch overtime : Automatic (within 15 Sec.)
5.	Runway Threshold Identification Light (RTIL) Location and Characteristics	Location: RWY Threshold 02, Flashing white light with flash frequency 120 per minute.

VNSK AD 2.16 HELICOPTER LANDING AREA

Not specified

VNSK AD 2.17 ATS AIRSPACE

1. Designation and lateral limits	Surkhet ATZ : An arc of a circle of 5 NM radius centered at ARP (28°35'09" N 081°38'07" E)
2. Vertical Limits	ATZ : <u>2000 ft AGL</u> GND
3. Airspace classification	C
4. ATS units call sign/languages(s)	Surkhet TWR/English
5. Transition Altitude	
6. Remarks	

VNSK AD 2.18 ATS COMMUNIOCATION FACILITIES

Service Designation	Call Sign	Frequency	Hours of Operation		Remarks
			1	2	
TWR	Surkhet Tower	122.5		As ATS	

VNSK AD 2.19 RADIO NAVIGATION AND LANDING AID

Type of Aid	Identification	Frequency	OPR Hours	Coordinates	Remarks
1	2	3	4	5	6
VOR/DME					

* WGS 84 Coordinates

VNSK AD 2.20 LOCAL TRAFFIC REGULATIONS

BTN 0415 - 0915 Daily, Paragliding zone has been established at Surkhet Gadi, Surkhet.
Take off site
Bayal Kanda Elevation 4987 ft (only for take off)
Landing site
Tripureswor, Elevation 2427 ft

VNSK AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VNSK AD 2.22 FLIGHT PROCEDURES

To be developed

VNSK AD 2.23 ADDITIONAL INFORMATION

1. Bird Activity

To be developed

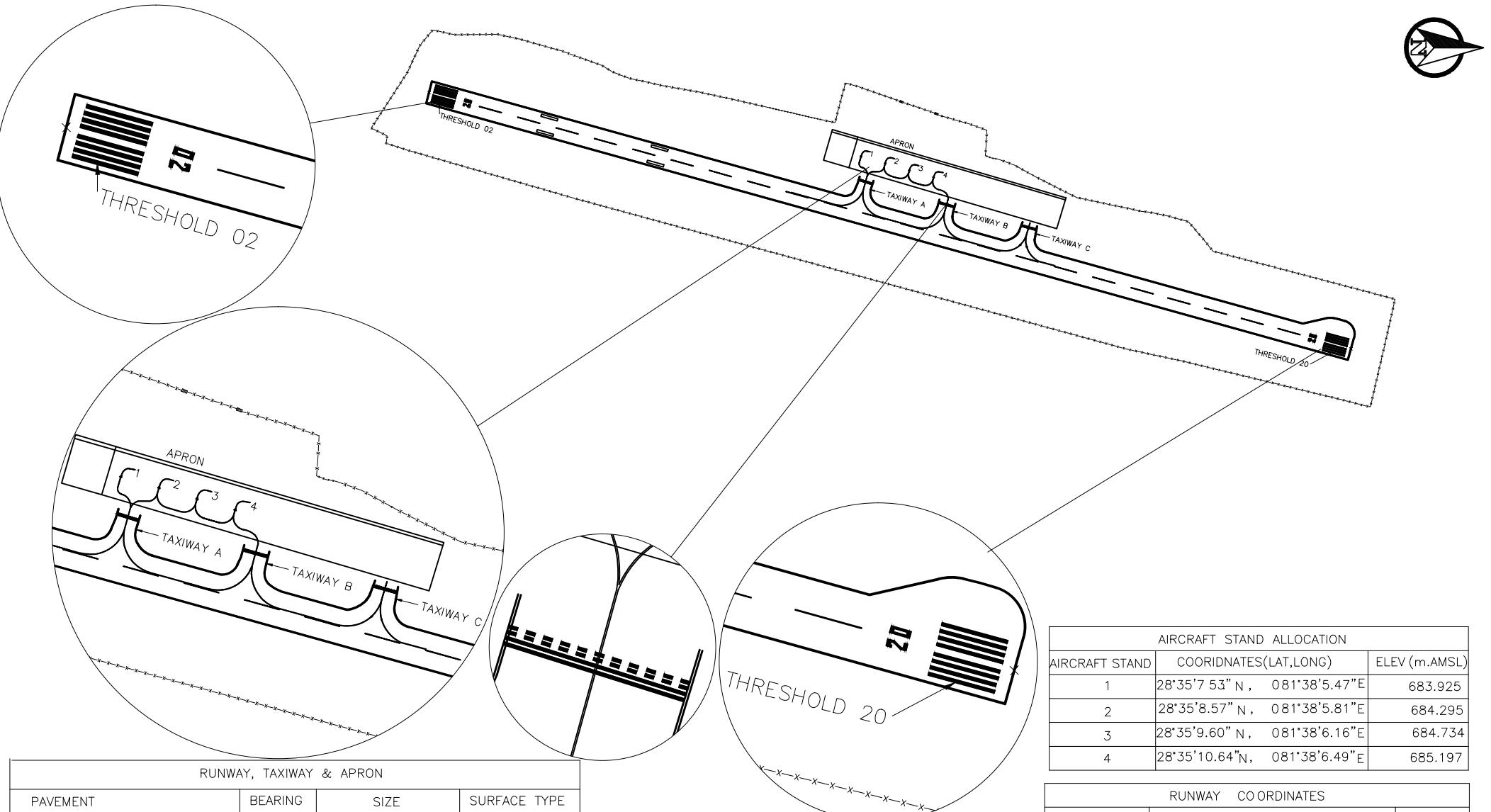
VNSK AD 2.24 CHARTS RELATED TO SURKHET AIRPORT

Aerodrome Chart	VNSK AD 2-10
Aerodrome Traffic Zone (ATZ)	VNSK AD 2-11
Visual Holdings	VNSK AD 2-12

AERODROME CHART

TWR 122.5 MHZ

SURKHET AIRPORT



RUNWAY, TAXIWAY & APRON				
PAVEMENT		BEARING	SIZE	SURFACE TYPE
RUNWAY	02	15°33'26"	(L x B)	ASPHALT
	20	195°33'26"	1255 m x 30 m	
TAXIWAY WIDTH	A	—	19 m	ASPHALT
	B	—	21.5 m	ASPHALT
C	—	21 m	ASPHALT	
APRON		13,389.12 sq.m.		CONCRETE

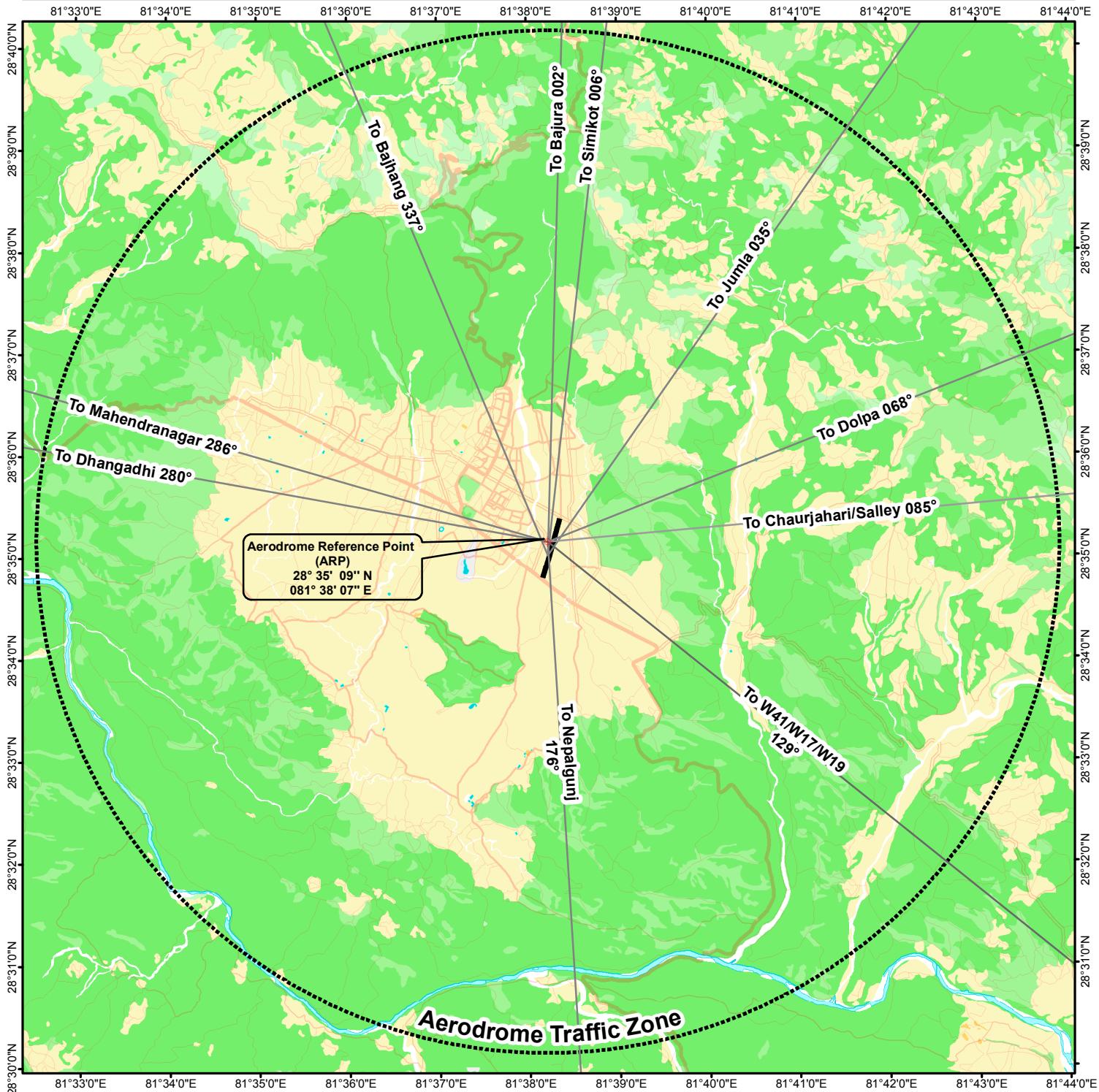
PROFILE			
ELEVATION - 694.407m			
REFERENCE TEMPERATURE - 35°C			
RUNWAY DESIGNATION - 02/20			
RUNWAY DIMENSION - 1255m X 30m			
APRON - 4 AIRCRAFTS			

AIRCRAFT STAND ALLOCATION		
AIRCRAFT STAND	COORDINATES(LAT,LONG)	ELEV (m.AMSL)
1	28°35'7.53"N , 081°38'5.47"E	683.925
2	28°35'8.57"N , 081°38'5.81"E	684.295
3	28°35'9.60"N , 081°38'6.16"E	684.734
4	28°35'10.64"N , 081°38'6.49"E	685.197

RUNWAY COORDINATES			
RWY 02	28°34'48.74"N , 081°38'2.49"E	675.585	
RWY 20	28°35'27.98"N , 081°38'15.12"E	694..299	

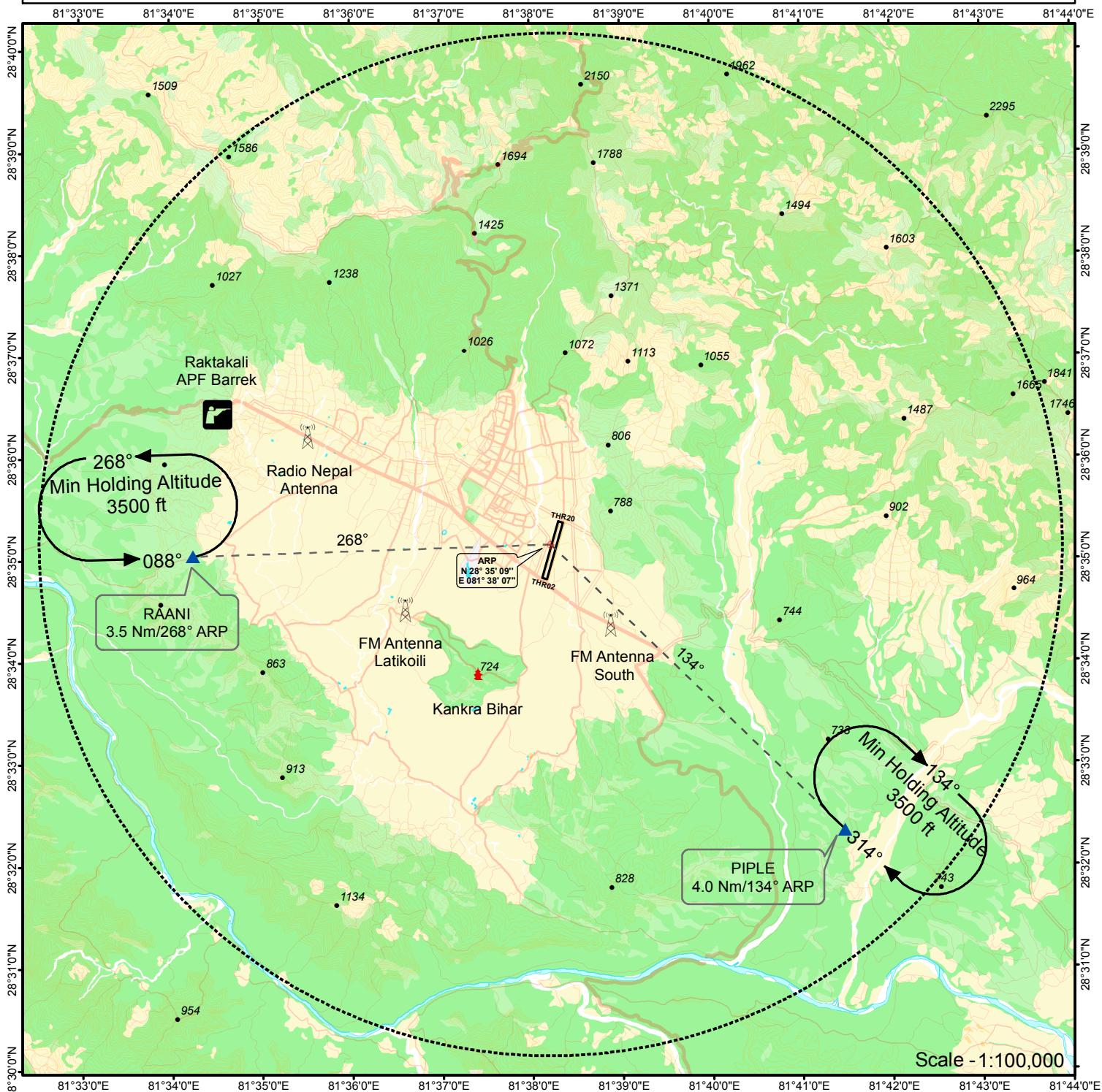


Aerodrome Traffic Zone (ATZ)



Airspace	Lateral Dimension	Vertical Limit
Aerodrome Traffic Zone (ATZ)	5 Nm Radius From ARP	2000 ft AGL GND

Visual Holdings



Scale - 1:100,000

Name	Location	Inbound Track	Remarks
PIPLE	4.0 Nm/134° from ARP	314°	
RAANI	3.5 Nm/268° from ARP	088°	