TEL: 977-4257667
4262518
FAX : 977-1- 4257668
AFTN : VNKTYOYX
caanais@caanepal.gov.np
Website : caanepal.gov.np

NEPAL
AERONAUTICAL INFORMATION MANAGEMENT DEPARTMENT
CIVIL AVIATION AUTHORITY OF NEPAL
BABARMAHAL, KATHAMNDU

AIP
SUPPLEMENT 6/22
10 April 2022

Updated data of Tribhuvan International Airport (VNKT)

Note:

- This AIP Supplement will be valid until incorporated in AIRAC AIP Amendment 3/22 (19 May 2022).

(Ref pages: AD 1.5-1, VNKT AD 2-1, VNKT AD 2-2, VNKT AD 2-3, VNKT AD 2-11, VNKT AD 2-12, VNKT AD 2-15, VNKT AD 2-17 VNKT AD 2-21 AIP Nepal)

AD 1.5 STATUS OF CERTIFICATION OF AERODROME

Name of Aerodrome	Exemption	Exemption granted up to
1.Tribhuvan International Airport (VNKT)	The width of runway strip on each side of the center line of the runway does not comply with requirements set forth in CAR-14 Part 1.	2 May 2024

VNKT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP Coordinates and sites at AD	274146 N 0852138 E, Near Fire Station / ELV 1333.46m MSL
2.	Direction and Distance from (City)	
3.	Aerodrome Elevation / Reference Temperature	
4.	MAG VAR/ Annual Change	
5.	AD Administration, address Telephone, Telex, Telex AFS	
6.	Types of traffic permitted (IFR/VFR)	
7.	Remarks	

VNKT AD 2.3 OPERATIONAL HOURS

1.	AD Administration	
2.	Customs and immigration	
3.	Health and sanitation	
4.	AIS Briefing Office	
5.	ATS Reporting Office (ARO)	
6.	MET Briefing Office	
7.	ATS	1) From Nov 16- Feb 15 (0045 – 1845) UTC 2) From Feb 16 – Nov 15 (0015 – 1845) UTC
8.	Fuelling	
9.	Handling (Cargo)	
10.	Security	
11.	Remarks	

VNKT AD 2.6 RESCUE AND FIRE FIGHTING SERVICE

1	AD Category for fire fighting	Category 9
2	Rescue equipment	
3.	Capability for removal of disable aircraft	Available (A320 or B737)
4.	Remarks	

VNKT AD 2.8 APRONS, TAXIWAY AND CHECK LOCATION DATA

1.	Apron surface and strength	
2.	Taxiway width, surface and strength	TWY A, B,C, D, E,F, H, J width – 23m TWY G width -18m Strength TWY A, B,C, D, E,F – PCN 76F/C/W/T
3.	Altimeter check Point Location and elevation	
4.	VOR checkpoints	
5.	INS checkpoints	Ref VNKT AD 2-18
6.	Remarks	

VNKT 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	Taxiing guidance signs available at all intersections with TWY and RWY and all holding positions lighted. Guide lines at apron. Aircraft stand ID signs available at all international aircraft stands lighted. Nose- in guidance at aircraft stands. Visual docking guidance system not available.
2	RWY and TWY markings and LGT	
3.	Stop bars	
4.	Runway Guard Lights	
5.	Remarks	

VNKT 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, RWY End Coordinates	THR elevation (MSL)
1	2	3	4	5	6
02					
20					
Slope of RWY – SWY	SWY Dimensions M	CWY Dimensions M	Strip Dimensions M	OFZ	RESA Dimensions M
7	8	9	10	11	12
+0.807 % avg	-		3194x 280	NA	240x 90 at both end of RWY.

VNKT AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
02 20	3074 3074	3374 3374	3074 3074	2774 3074	

VNKT AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designation	APCH LGT Type Length INTST	THE 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	870m (29x 30 LIH (High intensity consisting of extended centerline)	Green	PAPI 3.00° MEHT 19.94m	NIL	3074 m , 30m c/c, Bi-directional variable white – red inset center line lights High Intensity	3074m 60m c/c, Bi-directional variable white-yellow, Red-Yellow elevated edge lights, Intensity	Red	NIL	CAT I APP lights Barrette type with Sequential Flasher
20	NIL	Green	PAPI 3.00° MEHT 19.94m	NIL	3074 m , 30m c/c, Bi-directional variable white – red inset center line lights High Intensity	3074m 60m c/c, Bi-directional variable white-yellow , Red-Yellow elevated edge lights, Intensity	Red	NIL	PAPI RWY 20 is restricted to be usable within 3NM from Runway Threshold with clearly visible.

VNKT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN Location, characteristics and hours of	ABN: Above Aerodrome Control Tower, Green flashes alternating with white flashes, 24 flashes per minute normally after sunset.
2	LDI Location and LGT	WDI: Left of THR RWY 02/20, and middle of RWY at east lighted.
3.	TWY edge and Centre line lighting	
4.	Secondary power supply / switch over time	Automatic standby generator and power available within 15 seconds.
5.	Remarks	1. Runway Guard Light (RGL) location and characteristics Location: RWY holding position at TWY A, B, C, D and E. Characteristics: A pair of high intensity, unidirectional, yellow flashing elevated light, configuration – A. 2. Runway Threshold Identification Light (RTIL) Location and Characteristics Location: RWY Threshold 20 Flashing white light with flash frequency 120 per minute. 3. Apron Flood lights Location and Characteristics Location: International and Domestic aircraft stands. Fixed white lights.

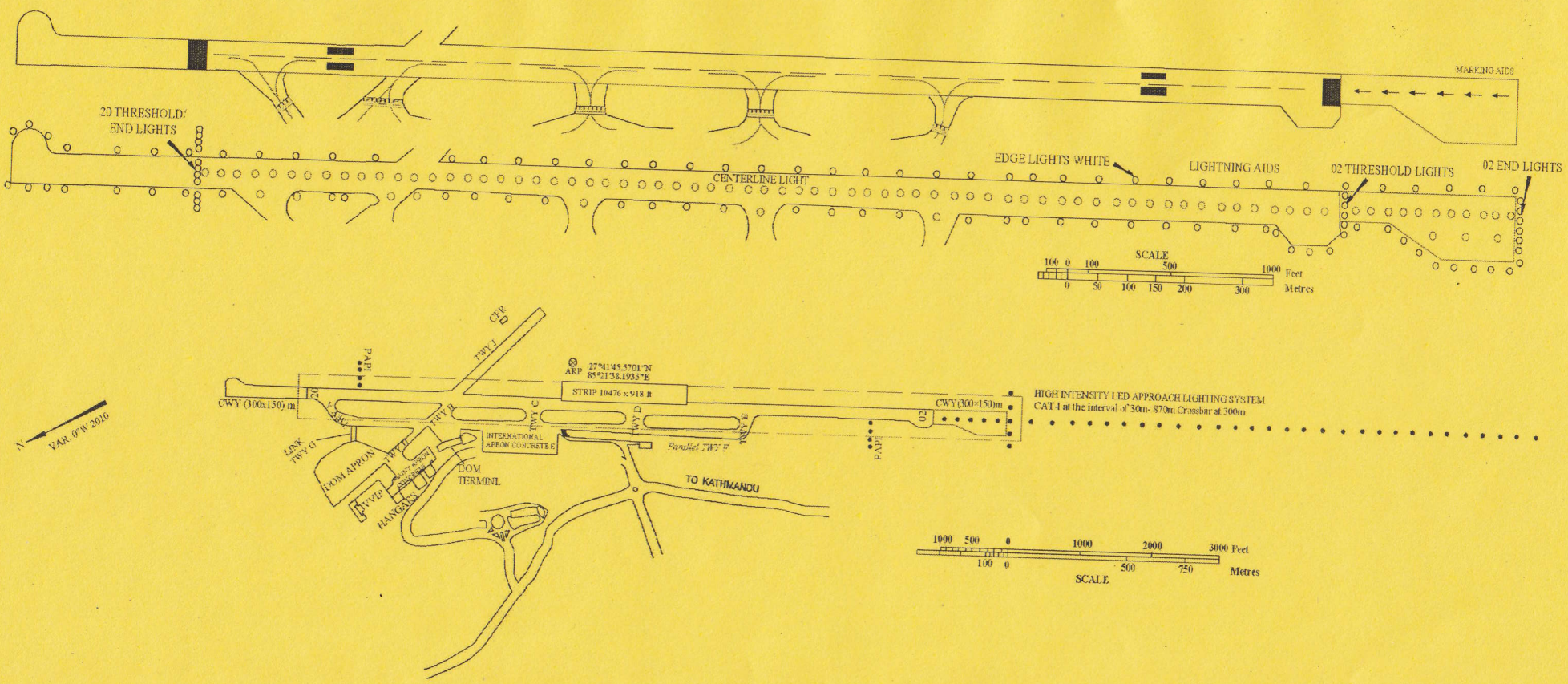
VNKT AD 2.23 ADDITIONAL INFORMATION

Global Reporting Format (GRF) is implemented.

AERODROME ELEV 4395 ft.

TWR 118.1
APP 120.6/125.1 MHZ

KATHMANDU / TRIBHUVAN
INTERNATIONAL AIRPORT

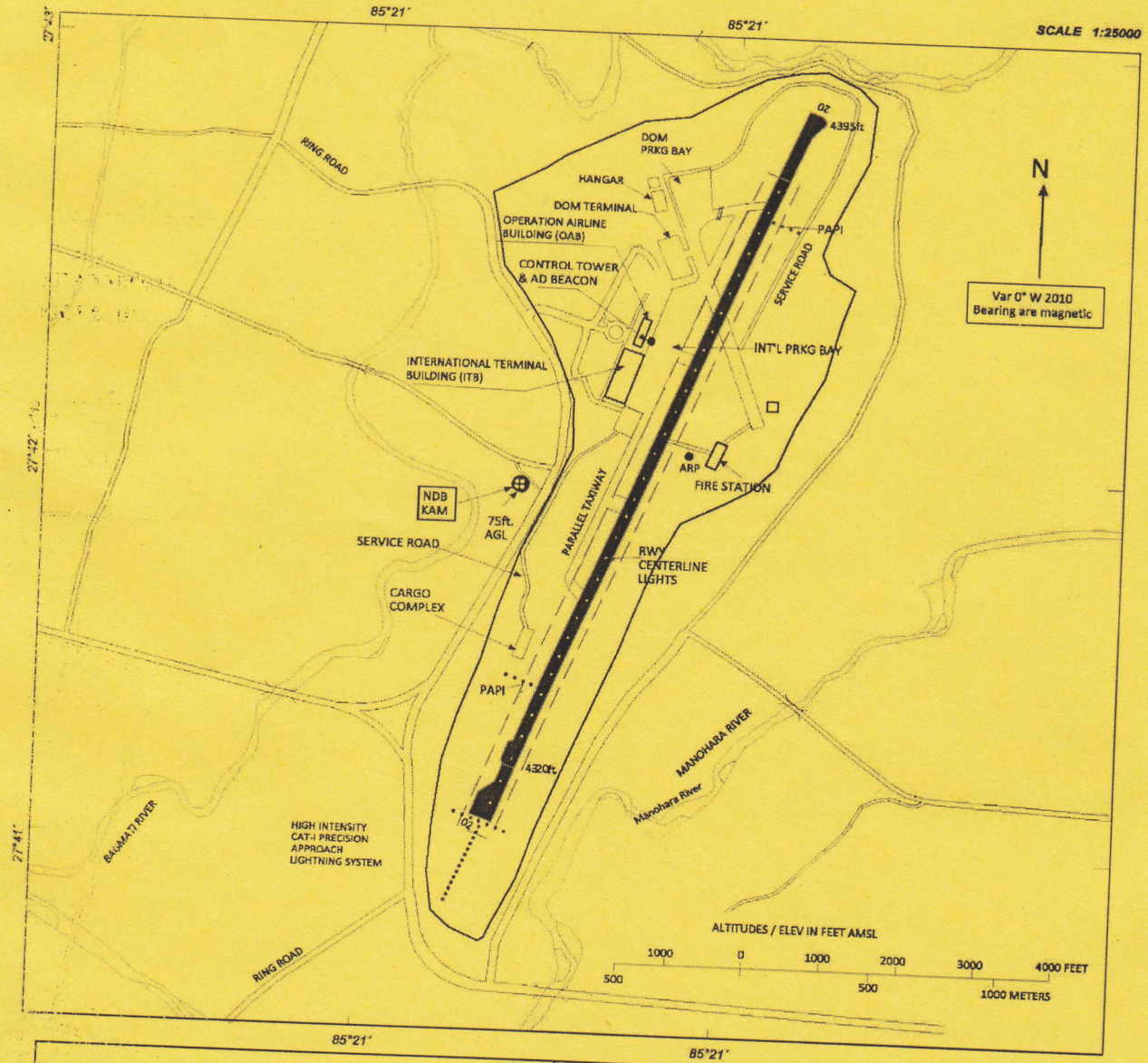


AERODROME GROUND MOVEMENT CHART-ICAO

APRON ELEV 4395 ft.

TWR 118.1
GND 121.9
ATIS 127.0

KATHMANDU, NEPAL



Approach Lights
High intensity Cat-I Precision LED Approach Light System at RWY 02

RWY Light System
High intensity bi-directional white-yellow, Red Yellow LED elevated edge lights of variable brilliance and High intensity bi-directional white-red LED inset center line lights of variable brilliance

PAPI RWY 20 / 02
High Intensity of variable brilliance (Angle 3.00^0)

THR. Other Lights
ABN, flood, obstructions

RUNWAY DECLEARED DISTANCES

RWY	TORA	TODA	ASDA	LDA
02	3074	3374	3074	2774
20	3074	3374	3074	3074

VOR Check Points: TWY A (27°42'20.412"N; 085°21'44.042"E)
TWY E (27°41'27.270"N; 085°21'18.489"E)

AIRPORT OPERATING MINIMA

TAKE OFF RWY 02-20

TURBO Prop ACFT	1 & 2 ENG	1600M	VISIBILITY
	3 & 4 ENG	800M	
Jet / ACFT	2 OR MORE ENG	800M	