INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 13 m
HEIGHTS RELATED TO
THR RWY 11L - ELEV 12.5 m

TMC: 125.1 PRI 126.575 SRY
ARR: 121.0 PRI 120.075 SRY
TWR: 118.4 PRI 118.9 SRY

HA NOI/NOI BAI INTL (VVNB)
ILS Y RWY 11L
CAT I & CAT II

NOTES:
NOI BAI APP MAY ALLOW ACFT TO DESCEND TO 2150 m AT HALAN WHEN HAVING COORDINATED CLOSELY WITH HOA LAC AERODROME AND BEING APPROVED BY REGIONAL ATM AND COMMAND CENTRE I.

IN CASE OF FLIGHT OPERATIONS IN HOA LAC AERODROME, ACFT USING APPROACH PROCEDURE FM UPVAN MUST ENSURE TO MAINTAIN 2450 m OR ABOVE WHEN FLYING OVER HOA LAC AERODROME AND ONLY DESCEND WHEN HAVING COORDINATED CLOSELY WITH HOA LAC AERODROME AND BEING APPROVED BY REGIONAL ATM AND COMMAND CENTRE I.

ELEV, ALT, HGT IN METRES
DME DIST (D) IN NM
BRG ARE MAG
VAR 2°W

MSA 46 km
NOB DVOR/DME
181° 1950 1650 091° 271° 1650 800 001°

VOR, DME REQUIRED

NOTES:
LR-278 NOB USED FOR APPROACH PROCEDURE FROM UPVAN.
LR-281 NOB USED FOR APPROACH PROCEDURE ARC 15 DME.

VVR9 20 000 200
VVR7 6 000 SFC
VVP1 UNL SFC
VVR34 1 200 SFC
VVR35 1 200 300

VINHPHUC DVOR/DME 113.9 VPH 21°16'34"N 105°36'04"E

NOIBAI NDB 320 KW 21°14'20"N 105°44'45"E

NOIBAI NDB 230 K 21°13'41"N 105°46'59"E

NOIBAI DVOR/DME 116.1 NOB 21°12'47"N 105°50'06"E

IF D10.7 NB 600

FAP/FAF D6.1 NB 600 (588)

OM 292 (280)

MM 78 (66)

MAPT GP INOP D1.5 NB

IAF D21.0 NOB 1850

LIBEO 21°12'45"N 105°27'35"E

R-272 NOB

LR-281 NOB

LR-278 NOB

GP 3°

D13.0 NOB 900

MNM ALT 1500 1 MIN

IAF D15.0 NOB 2450

R-227 NOB

HALAN 21°02'10"N 105°38'44"E

D10.0 VPH 1600

R-211 VPH

ARC 15 DME

HOA LAC

MNM ALT 2450 1 MIN

GIA LAM

MNM FL100 1 MIN

R-237 NOB

IAF D30.2 NOB FL100

UPVAN 20°55'32"N 105°23'31"E

ILS/LLZ NB – 110.5
ILS/GP 329.6
DME CH42X

SCALE 1:500 000
10 0 1 2 3 4 5 6 7 8 9 KM
1 0 1 2 3 4 5 NM

105°30'E 106°00'E 21° 30' N 21° 00' N

TRANSITION LEVEL FL100

UPVAN IAF D30.2 NOB FL100

HALAN IAF D15.0 NOB 2450

D10.0 VPH 1600

LIBEO IAF D21.0 NOB 1850

ARC 15 DME

IF D10.7 NB 600

FAP/FAF 600 (588)

GP 3°

MAPT GP INOP

KW OM K MM

2150 1500 900 400

MISSED APPROACH:
MAINTAIN FINAL APPROACH TRACK, PASSING 450 m TURN RIGHT TO NOB DVOR/DME AT 1500 m. JOIN HOLDING PATTERN OR FOLLOW NOI BAI TWR INSTRUCTIONS.

ILS RDH 16.5

THR ELEV 12.5 m

40 30 20 10 0 10 20 30
KM TO/FM THR RWY 11L

OCA/H		A	B	C	D
STRAIGHT-IN APPROACH	CAT I	68 (56)	71 (59)	74 (62)	77 (65)
	CAT II	42 (30)	46 (34)	50 (38)	54 (42)
	GP INOP	150 (137)			
CIRCLING		NOT APPLICABLE			

GS	km/h	100	150	200	250	300	350
FAP/FAF - MAPT 8.5 km (4.6 NM)	min:s	5:06	3:24	2:33	2:02	1:42	1:27
DISTANCE	DME	6.1	5	4	3	2	1.5
HEIGHT	m	588	481	384	287	190	138

CHANGE: ADDN OF ILS CAT II.