DIMENSIONS AND ELEVATIONS IN METRES

AERODROME OBSTACLE CHART - ICAO TYPE B

HA NOI/NOI BAI INTL (VVNB)

AD ELEV 13M

VAR 2°W (2021)

CONICAL SURFACE, SLOPE 1:20

INNER HORIZONTAL SURFACE

HIGH WAY 4 BAI - LAO CAI

INSTRUMENT APPROACH SURFACE, SLOPE 1:50

TAKE-OFF CLIMB SURFACE, SLOPE 1:50

NOI BAI INDUSTRIAL PARK

QUANG MINH INDUSTRIAL PARK

INSTRUMENT RUNWAY 3200M X 45M

INSTRUMENT RUNWAY 3800M X 45M

CONCRETE

APRON

TWR

TRANSITIONAL SURFACE, SLOPE 1:7

RESA 220M

THR 11L 12.5M

CWY 400M

SWY 100M

RESA 160M

THR 11R 12.0M

THR 29R 12.5M

RESA 240M

CWY 400M

THR 29L 12.0M

RESA 180M

CWY 340M

VVNB0B004 63

VVNB0B005 63

VVNB0B002 66

VVNB0B008 59

VVNB0B001 107

VVNB0B003 65

VVNB0B007 67

VVNB0B009 26

VVNB0B031 15

VVNB0B014 15

VVNB0B013 15

VVNB0B025 15

VVNB0B027 15

VVNB0B019 15

VVNB0B017 20

305

236

21°17'N

21°16'N

21°15'N

21°14'N

21°13'N

21°12'N

21°11'N

105°42'E

105°43'E

105°44'E

105°45'E

105°46'E

105°47'E

105°48'E

105°49'E

105°50'E

105°51'E

105°52'E

105°53'E

105°54'E

HORIZONTAL SCALE 1:20 000

0 500 1 000 2 000 3 000 4 000 5 000 metres

0 2 000 4 000 8 000 12 000 16 000 20 000 feet

ORDER OF ACCURACY

HORIZONTAL 05M
VERTICAL 03M

OBSTACLES SHOWN ARE THOSE WHICH PENETRATE THE SURFACES SPECIFIED IN ANNEX 14, VOLUME 1

PROJECTION UNIVERSAL TRANSVERSE MERCARTO (UTM) 48 NORTH

LEGEND	
AERODROME REFERENCE POINT 21°13'18"N 105°48'20"E	
TREE OR SHRUB	
POLE, TOWER, SPIRE, ANTENNA, ETC.	
BUILDING OR LARGE STRUCTURE	
ROAD BRIDGE	
RAILROAD	
TRANSMISSION LINE OR OVERHEAD CABLE	
INFRASTRUCTURE RESIDENT	
POND, LAKE, RIVER, STREAM, SEA, ETC	
SPOT ELEVATION	326
TERRAIN PENETRATING OBSTACLE PLANE	

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

CHANGES: ADDN OF VVNB0B008 AND VVNB0B031.