

**STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO**

**CHIANG RAI /
Mae Fah Luang-Chiang Rai Intl (VTCT)
RNAV RWY21**

BENVI1B DUBEN1B NUMDO1B PONUK1B

TABULAR DESCRIPTION

RNAV RWY21											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/TCH	Navigation Specification
BENVI1B											
010	-	DER RWY21	-	-	+0.85	-	-	-	-	-	RNP 1
020	TF	NULTA	-	210° (209.0°)	+0.85	7.0	L	+3800	-	-	RNP 1
030	TF	BENVI	-	161° (160.3°)	+0.85	24.5	-	-9000	-	-	RNP 1
DUBEN1B											
010	-	DER RWY21	-	-	+0.85	-	-	-	-	-	RNP 1
020	TF	NULTA	-	210° (209.0°)	+0.85	7.0	L	+3800	-	-	RNP 1
030	TF	ADNAR	-	120° (119.0°)	+0.85	14.0	R	-8000	-	-	RNP 1
040	TF	DUBEN	-	139° (137.8°)	+0.85	14.3	-	-9000	-	-	RNP 1
NUMDO1B											
010	-	DER RWY21	-	-	+0.85	-	-	-	-	-	RNP 1
020	TF	NULTA	-	210° (209.0°)	+0.85	7.0	R	+3800	-	-	RNP 1
030	TF	NUMDO	-	220° (218.9°)	+0.85	22.5	-	-9000	-	-	RNP 1
PONUK1B											
010	-	DER RWY21	-	-	+0.85	-	-	-	-	-	RNP 1
020	TF	NULTA	-	210° (209.0°)	+0.85	7.0	L	+3800	-	-	RNP 1
030	TF	ADNAR	-	120° (119.0°)	+0.85	14.0	L	-8000	-	-	RNP 1
040	TF	PIPEG	-	030° (029.4°)	+0.85	10.0	-	-9000	-	-	RNP 1
050	TF	CT217	-	030° (029.5°)	+0.85	10.0	-	+11000	-	-	RNP 1
060	TF	PONUK	-	030° (029.3°)	+0.85	20.6	-	-	-	-	RNP 1

WAYPOINT LIST

RNAV RWY21	
Waypoint Identifier	Coordinates
DER RWY21	19° 56' 25.74" N 099° 52' 33.61" E
ADNAR	19° 43' 27.89" N 100° 01' 56.29" E
BENVI	19° 27' 06.52" N 099° 57' 41.02" E
CT217	20° 00' 56.46" N 100° 12' 22.85" E
DUBEN	19° 32' 49.42" N 100° 12' 06.83" E
NULTA	19° 50' 17.04" N 099° 48' 57.42" E
NUMDO	19° 32' 43.43" N 099° 34' 01.89" E
PIPEG	19° 52' 12.36" N 100° 07' 09.09" E
PONUK	20° 18' 58.10" N 100° 23' 05.80" E

CHANGE: DER RWY21 COORDINATE.