

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

**UBON RATCHATHANI /
Ubong Ratchathani (VTUU)
RNAV RWY23**

ASABO1A ENLEP1A POTEV1A VENPO1A VESUD1A

TABULAR DESCRIPTION

RNAV RWY23											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/RDH	Navigation Specification
ASABO1A											
010	-	DER RWY23	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	233°(231.5°)	+1.2	-	-	+2000	-230	-	RNP 1
030	DF	EXUBI	-	-	+1.2	-	-	-	-230	-	RNP 1
040	TF	ASABO	-	288°(286.8°)	+1.2	20.1	-	-13000 +10000	-	-	RNP 1
ENLEP1A											
010	-	DER RWY23	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	233°(231.5°)	+1.2	-	-	+2000	-230	-	RNP 1
030	DF	VESUD	-	-	+1.2	-	R	-6000	-230	-	RNP 1
040	TF	OMDED	-	322°(320.4°)	+1.2	6.9	-	-8000	-	-	RNP 1
050	TF	ENLEP	-	322°(320.3°)	+1.2	9.6	-	-10000	-	-	RNP 1
POTEV1A											
010	-	DER RWY23	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	233°(231.5°)	+1.2	-	-	+2000	-230	-	RNP 1
030	DF	GOTPO	-	-	+1.2	-	L	-	-230	-	RNP 1
040	TF	GURNA	-	062°(060.3°)	+1.2	8.0	-	+8000	-	-	RNP 1
050	TF	DOLBO	-	062°(060.3°)	+1.2	13.6	-	+11000	-	-	RNP 1
060	TF	POTEV	-	062°(060.4°)	+1.2	9.5	-	+11000	-	-	RNP 1
VENPO1A											
010	-	DER RWY23	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	233°(231.5°)	+1.2	-	-	+2000	-230	-	RNP 1
030	DF	EXUBI	-	-	+1.2	-	-	-	-230	-	RNP 1
040	TF	VENPO	-	272°(271.3°)	+1.2	18.3	-	-13000 +10000	-	-	RNP 1
VESUD1A											
010	-	DER RWY23	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	233°(231.5°)	+1.2	-	-	+2000	-230	-	RNP 1
030	DF	VESUD	-	-	+1.2	-	R	-6000	-230	-	RNP 1

WAYPOINT LIST

RNAV RWY23	
Waypoint Identifier	Coordinates
DER RWY23	15° 14' 34.17" N 104° 51' 33.53" E
ASABO	15° 12' 09.44" N 104° 21' 02.31" E
DOLBO	15° 17' 09.84" N 105° 13' 33.42" E
ENLEP	15° 33' 53.26" N 104° 28' 00.19" E
EXUBI	15° 06' 21.19" N 104° 40' 56.37" E
GOTPO	15° 06' 24.41" N 104° 54' 06.22" E
GURNA	15° 10' 23.13" N 105° 01' 17.34" E
OMDED	15° 26' 28.02" N 104° 34' 20.99" E
POTEV	15° 21' 52.55" N 105° 22' 06.28" E
VENPO	15° 06' 44.98" N 104° 22' 02.18" E
VESUD	15° 21' 08.05" N 104° 38' 54.27" E