

**STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO**

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

ASABO1D ENLEP1D OBKIB1D POTEV1D VENPO1D

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
ASABO1D FROM W1/Y20											
010	IF	ASABO	-	-	+1.2	-	-	+14000	-	-	RNP 1
020	TF	UBNES	-	086°(085.1°)	+1.2	11.3	-	+14000	-	-	RNP 1
030	TF	OBKIB	-	060°(058.3°)	+1.2	11.5	-	+10000	-	-	RNP 1
040	TF	RUSTU	-	060°(058.4°)	+1.2	15.6	-	+5000	-	-	RNP 1
050	TF	SUNIN	-	143°(141.5°)	+1.2	7.0	-	+3000	-230	-	RNP 1
ENLEP1D FROM R470/W4/W5/Y21/Y22											
010	IF	ENLEP	-	-	+1.2	-	-	+11000	-	-	RNP 1
020	TF	AKMOM	-	110°(109.1°)	+1.2	12.1	-	+11000	-	-	RNP 1
030	TF	RUSTU	-	100°(098.8°)	+1.2	16.4	-	+5000	-	-	RNP 1
040	TF	SUNIN	-	143°(141.5°)	+1.2	7.0	-	+3000	-230	-	RNP 1
OBKIB1D FROM G473											
010	IF	OBKIB	-	-	+1.2	-	-	+10000	-	-	RNP 1
020	TF	RUSTU	-	060°(058.4°)	+1.2	15.6	-	+5000	-	-	RNP 1
030	TF	SUNIN	-	143°(141.5°)	+1.2	7.0	-	+3000	-230	-	RNP 1
POTEV1D FROM A1											
010	IF	POTEV	-	-	+1.2	-	-	-10000	-	-	RNP 1
020	TF	OSNID	-	271°(269.5°)	+1.2	10.6	-	-6000	-	-	RNP 1
030	TF	SUNIN	-	272°(270.7°)	+1.2	9.7	-	+3000	-230	-	RNP 1
VENPO1D FROM A1											
010	IF	VENPO	-	-	+1.2	-	-	+14000	-	-	RNP 1
020	TF	UBNES	-	060°(058.3°)	+1.2	12.1	-	+14000	-	-	RNP 1
030	TF	OBKIB	-	060°(058.3°)	+1.2	11.5	-	+10000	-	-	RNP 1
040	TF	RUSTU	-	060°(058.4°)	+1.2	15.6	-	+5000	-	-	RNP 1
050	TF	SUNIN	-	143°(141.5°)	+1.2	7.0	-	+3000	-230	-	RNP 1

WAYPOINT LIST

RNAV RWY23	
Waypoint Identifier	Coordinates
AKMOM	15° 29' 55.31" N 104° 39' 48.69" E
ASABO	15° 12' 09.44" N 104° 21' 02.31" E
ENLEP	15° 33' 53.26" N 104° 28' 00.19" E
OBKIB	15° 19' 12.51" N 104° 42' 49.30" E
OSNID	15° 21' 47.03" N 105° 11' 07.67" E
POTEV	15° 21' 52.55" N 105° 22' 06.28" E
RUSTU	15° 27' 24.60" N 104° 56' 33.17" E
SUNIN	15° 21' 54.45" N 105° 01' 03.74" E
UBNES	15° 13' 07.57" N 104° 32' 39.76" E
VENPO	15° 06' 44.98" N 104° 22' 02.18" E