

**INSTRUMENT AERODROME ELEV 406 FT**  
**APPROACH HEIGHTS RELATED TO**  
**CHART - ICAO THR RWY 23 - ELEV 392 FT**  
**BARO-VNAV NA BELOW 0°C**

APP : 123.5 , 257.8  
 TWR : 119.9 , 274.5  
 GND : 121.9 , 275.8

**UBON RATCHATHANI /**  
**Ubon Ratchathani (VTUU)**  
**RNP RWY 23**

Serial Number	Path Descriptor	Waypoint Identifier	WGS-84 Coordinates		Flyover	Course 'M (' T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/TCH	Navigation Specification
			Latitude	Longitude									
001	IF	POSAI (AF)	15 21 52.72 N	105 22 06.99 E	-	274*(273.09°)	0.83	19.1	-	5000	-	-	RNP APCH
002	IF	NUMFA (AF)	15 13 00.71 N	105 22 56.83 E	-	297*(296.35°)	0.83	22.2	-	5000	-	-	RNP APCH
003	IF	KATIB (AF)	15 08 28.67 N	104 31 17.73 E	-	052*(051.68°)	0.83	32.4	-	5000	-	-	RNP APCH
004	IF	PANIN (AF)	15 12 51.92 N	104 36 33.08 E	-	053*(052.33°)	0.83	25.7	-	5000	-	-	RNP APCH
005	IF	JUMPA (AF)	15 21 31.74 N	104 38 06.52 E	-	070*(069.39°)	0.83	20.1	-	5000	-	-	RNP APCH
006	IF	TAEPA (AF)	15 24 18.58 N	104 39 59.05 E	-	077*(075.78°)	0.83	17.6	-	5000	-	-	RNP APCH
007	TF	NANOI	15 28 38.06 N	104 57 38.09 E	-	142*(141.45°)	0.83	7.3	R	5000	-	-	RNP APCH
008	TF	KANYA (IF)	15 22 53.99 N	105 02 20.58 E	-	232*(231.49°)	0.83	6.4	L, R	3300	-	-	RNP APCH
009	TF	UBPNF (FAF)	15 18 53.96 N	104 57 09.73 E	-	232*(231.49°)	0.83	5.3	-	2200	-	-	RNP APCH
010	-	MAP1 (THR 23)	15 15 35.02 N	104 52 52.20 E	Y	-	0.83	-	-	830	-	-	RNP APCH
011	CA	-	-	-	-	-	0.83	-	R	1400	-	-	RNP APCH
012	DF	KANYA (IF)	15 22 53.99 N	105 02 20.58 E	-	-	0.83	-	-	-	-	-	RNP APCH
013	HM	KANYA (IF)	15 22 53.99 N	105 02 20.58 E	Y	232*(231.49°)	0.83	-	L	-	230	-	RNP APCH