

**NAKHON PHANOM / Nakhon Phanom (VTUW)****RNAV (GNSS) RWY33**

Serial	Path	Waypoint Identifier	WGS-84 Coordinates		Flyover	Course	Magnetic	Distance	Turn	Altitude	Speed	VPA/	Navigation
Number	Descriptor		Latitude	Longitude		° M (° T)	Variation	(NM)	Direction	(FT)	(KT)	TCH	Specification
001	F	GARYA (IAF)	17 19 13.63 N	104 26 32.61 E	-	126°(125.48°)	1.0	13.9	-	4000	-	3°	RNP APCH
002	TF	NAPHU	17 11 07.14 N	104 38 22.27 E	-	056°(054.80°)	1.0	7.0	L	3000	-	3°	RNP APCH
003	TF	TUNWA (F)	17 15 10.13 N	104 44 20.89 E	-	326°(324.83°)	1.0	4.5	L	2000	230	3°	RNP APCH
004	TF	KOPEF (FAF)	17 18 51.68 N	104 41 38.27 E	-	326°(324.83°)	1.0	4.4	-	2000	-	3°	RNP APCH
005	-	MAP1 (THR33)	17 22 28.37 N	104 38 59.32 E	Y	326°(324.83°)	1.0	-	-	950	-	3°	RNP APCH
006	CA	-	-	-	-	-	1.0	-	L	2400	230	3°	RNP APCH
007	DF	GARYA (IAF)	17 19 13.63 N	104 26 32.61 E	-	-	1.0	-	-	4000	-	3°	RNP APCH
008	HM	GARYA (IAF)	17 19 13.63 N	104 26 32.61 E	Y	070°(068.52°)	1.0	-	R	4000	230	3°	RNP APCH