

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 148 FT
HEIGHT RELATED TO
THR RWY32 - ELEV 148 FT**

PHITSANULOK / Phitsanulok (VTPP)

ILS or LOC z RWY32

TABULAR DESCRIPTION (2)

ILS or LOC z RWY32											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
010	IF	(IF) PUGAN	-	-	+1.1	-	-	+3200	-230	-	RNP 1
TRANSITION TO ILS or LOC											
020	TF	(FAF) POSIL	-	325° (323.9°)	+1.1	7.2	-	@2100	-	-	ILS
030	TF	(MAPt@THR32) PP321	Y	325° (323.9°)	+1.1	6.0	-	@198	-	-3.0/50	ILS
040	CA	-	-	325° (323.9°)	+1.1	-	-	+3000	-	-	RNP 1
050	DF	(IF) PUGAN	-	-	+1.1	-	L	+3200	-	-	RNP 1
060	HM	(IF) PUGAN	Y	325° (323.9°)	+1.1	1 minute	R	+3200	-230	-	RNP 1

WAYPOINT LIST

ILS or LOC z RWY32		
Waypoint Identifier	Coordinates	
ELBAX	16° 39' 44.00" N	100° 31' 14.82" E
GOKON	16° 43' 00.76" N	100° 48' 33.82" E
GOSTA	17° 15' 57.30" N	100° 22' 29.83" E
IGPOP	16° 50' 02.08" N	099° 47' 07.71" E
NIROP	17° 16' 13.74" N	100° 14' 44.33" E
OLRER	16° 31' 27.56" N	100° 19' 27.68" E
PEBLI	16° 16' 05.94" N	100° 17' 36.21" E
PIBAN	16° 23' 13.57" N	099° 57' 18.10" E
PIBIK	17° 11' 30.33" N	100° 00' 27.77" E
POLOB	17° 13' 09.43" N	100° 03' 27.80" E
POSIL	16° 41' 28.38" N	100° 20' 54.79" E
PP321	16° 46' 19.13" N	100° 17' 14.75" E
PP322	16° 44' 18.07" N	100° 09' 44.56" E
PP323	16° 52' 35.16" N	100° 21' 31.99" E
PP324	16° 39' 51.56" N	100° 38' 40.35" E
PUGAN	16° 35' 35.86" N	100° 25' 21.12" E
REMER	16° 59' 34.56" N	100° 45' 31.34" E