

**INSTRUMENT APPROACH CHART - ICAO**      **AERODROME ELEV 4 FT**  
**HEIGHTS RELATED TO**  
**THR RWY19L - ELEV 4 FT**

**BANGKOK / Suvarnabhumi Intl (VTBS)**

**ILS or LOC z RWY19L**  
**CAT II**

**TABULAR DESCRIPTION**

**ILS or LOC z RWY19L**

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ RDH	Navigation Specification
010	IF	(IAF) LETMA	-	-	+0.6	-	-	+4000	-220	-	RNAV 1
020	TF	(IF) LAVOG	-	195°(194.4°)	+0.6	5.0	-	+2500	-	-	RNAV 1
010	IF	(IF) LAVOG	-	195°(194.4°)	+0.6	-	-	+2500	-	-	RNAV 1
<b>TRANSITION TO ILS or LOC</b>											
020	TF	LOTMU	-	195°(194.4°)	+0.6	5.0	-	+2500	-	-	ILS
030	TF	(FAP/FAF) BS590	-	195°(194.4°)	+0.6	3.9	-	@2000	-	-	ILS
040	TF	(MAPt) LOC only @ RWY19L	Y	195°(194.4°)	+0.6	6.1	-	@54	-	-3.0/50	ILS
050	CF	BS591	-	195°(194.4°)	+0.6	2.7	-	-	-	-	RNAV 1
060	TF	LIGSI	-	145°(144.3°)	+0.6	7.0	-	@3000	-190	-	RNAV 1
070	HM	LIGSI	Y	319°(318.3°)	+0.6	1 minute	R	+3000	-230	-	RNAV 1

**WAYPOINT LIST**

**ILS or LOC z RWY19L**

Waypoint Identifier	Coordinates
LETMA	14° 00' 57.99" N 100° 50' 47.13" E
LAVOG	13° 56' 06.19" N 100° 49' 30.23" E
LOTMU	13° 51' 14.39" N 100° 48' 13.38" E
BS590	13° 47' 26.77" N 100° 47' 13.48" E
RWY19L	13° 41' 30.17" N 100° 45' 39.72" E
BS591	13° 38' 54.93" N 100° 44' 58.92" E
LIGSI	13° 33' 12.26" N 100° 49' 10.43" E