

**TABULAR DESCRIPTION**

ILS or LOC z RWY21L											
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	AROKA (IAF)	-	-	+0.6	-	-	- 5000	-	-	RNAV 1
020	TF	BD111 (IF)	-	165°(164.5°)	+0.6	7.0	-	+ 2600	-190	-	RNAV 1
010	IF	TAWAN (IAF)	-	-	+0.6	-	-	+ 3000	-	-	RNAV 1
020	TF	BD111 (IF)	-	209°(208.8°)	+0.6	4.6	-	+ 2600	-190	-	RNAV 1
010	IF	BD111 (IF)	-	-	+0.6	-	-	+ 2600	-190	-	RNAV 1
TRANSITION TO ILS or LOC											
020	TF	LUGSO (FAF)	-	207°(206.4°)	+0.6	5.3	R	@ 1600	-	-	ILS
030	TF	MAPt (LOC only) @ RW21L	Y	209°(208.7°)	+0.6	4.9	-	@ 60	-	-3.0/53	ILS
040	TF	BD199	Y	209°(208.7°)	+0.6	4.2	R	-	-	-	RNAV 1
050	TF	BD177	-	264°(263.5°)	+0.6	5.7	L	-	-	-	RNAV 1
060	TF	HOLYA	-	250°(249.3°)	+0.6	8.0	-	+ 3000	-	-	RNAV 1
070	HM	HOLYA	Y	070°(069.3°)	+0.6	1 minute	L	+ 3000	- 230	-	RNAV 1

**WAYPOINT LIST**

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Waypoint Identifier	Coordinates		Pronunciation
AROKA	14° 11' 22.16" N	100° 39' 51.89" E	AH - ROW - KAH
TAWAN	14° 08' 38.35" N	100° 44' 04.62" E	TAH - WAN
BD111	14° 04' 35.38" N	100° 41' 47.72" E	-
LUGSO	13° 59' 47.35" N	100° 39' 21.27" E	LUG - SOH
RW21L	13° 55' 28.41" N	100° 36' 55.96" E	-
BD199	13° 51' 46.32" N	100° 34' 51.41" E	-
BD177	13° 51' 07.60" N	100° 29' 02.45" E	-
HOLYA	13° 48' 16.86" N	100° 21' 21.08" E	HOL - YAH