

**TABULAR DESCRIPTION**

ILS or LOC z RWY23											
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) RUSTU	-	-	+1.2	-	-	+5000	-	-	RNP 1
020	TF	(IF) SUNIN	-	143°(141.5°)	+1.2	7.0	-	+3000	-230	-	RNP 1
010	IF	(IAF) OSNID	-	-	+1.2	-	-	-6000	-	-	RNP 1
020	TF	(IF) SUNIN	-	272°(270.7°)	+1.2	9.7	-	+3000	-230	-	RNP 1
010	IF	(IAF) OPTAD	-	-	+1.2	-	-	-6000	-	-	RNP 1
020	TF	(IF) SUNIN	-	323°(321.5°)	+1.2	10.2	-	+3000	-230	-	RNP 1
010	IF	(IF) SUNIN	-	-	+1.2	-	-	+3000	-230	-	RNP 1
TRANSITION TO ILS or LOC											
020	TF	(FAP/FAF) UBNON	-	233°(231.5°)	+1.2	5.2	-	@2000	-	-	ILS
030	TF	(MAPt @THR23) UU230	Y	233°(231.5°)	+1.2	4.9	-	@447	-	-3.0/50	ILS
040	CA	-	-	233°(231.5°)	+1.2	-	-	+1500	-	-	RNP 1
050	DF	(IF) SUNIN	-	-	+1.2	-	R	+3000	-210	-	RNP 1
060	HM	(IF) SUNIN	Y	233°(231.5°)	+1.2	1 minute	L	+3000	-230	-	RNP 1

**WAYPOINT LIST**

ILS or LOC z RWY23	
Waypoint Identifier	Coordinates
OPTAD	15° 13' 51.60" N 105° 07' 38.89" E
OSNID	15° 21' 47.03" N 105° 11' 07.67" E
RUSTU	15° 27' 24.60" N 104° 56' 33.17" E
SUNIN	15° 21' 54.45" N 105° 01' 03.74" E
UBNON	15° 18' 38.04" N 104° 56' 49.18" E
UU230	15° 15' 34.99" N 104° 52' 52.24" E