

**INSTRUMENT**      **AERODROME ELEV 82 FT**  
**APPROACH**            **HEIGHTS RELATED TO**  
**CHART - ICAO**        **THR RWY23 - ELEV 62 FT**

**TART / Trat (VTBO)**  
**RNAV (GNSS) RWY23**

**TABULAR DESCRIPTION**

<b>RNAV (GNSS) RWY23</b>											
<b>Serial Number</b>	<b>Path Descriptor</b>	<b>Waypoint Identifier</b>	<b>Flyover</b>	<b>Course ° M (° T)</b>	<b>Magnetic Variation</b>	<b>Distance (NM)</b>	<b>Turn Direction</b>	<b>Altitude (FT)</b>	<b>Speed (KT)</b>	<b>VPA/ TCH</b>	<b>Navigation Specification</b>
010	IF	SUNDA (IAF)	-	-	+0.60	-	-	+7000	-	-	RNP APCH
020	TF	KUGAR	-	037°(036.32°)	+0.60	29.8	-	+6000	-	-	RNP APCH
030	TF	NOVEM	-	037°(036.40°)	+0.60	10.0	L	+4100	- 230	-	RNP APCH
040	TF	FINZA (IF)	-	322°(321.30°)	+0.60	5.0	-	+3300	- 210	-	RNP APCH
010	IF	HUNSA (IAF)	-	-	+0.60	-	-	+7000	-	-	RNP APCH
020	TF	SEPPA	-	099°(098.54°)	+0.60	26.7	R	+4100	- 230	-	RNP APCH
030	TF	FINZA (IF)	-	142°(141.31°)	+0.60	5.0	-	+3300	- 210	-	RNP APCH
010	IF	FINZA (IF)	-	-	+0.60	-	-	+3300	- 210	-	RNP APCH
020	TF	SMART (FAF)	-	232°(231.32°)	+0.60	6.0	-	@2000	-	-	RNP APCH
030	TF	TDXNM (MAPt)	Y	232°(231.30°)	+0.60	6.0	-	@890	-	-	RNP APCH
040	CA	-	-	232°(231.30°)	+0.60	-	-	+1200	-	-	RNP APCH
050	DF	SMART (FAF)	-	-	+0.60	-	R	+2000	-	-	RNP APCH
060	HM	SMART (FAF)	Y	232°(231.32°)	+0.60	1 minute	R	+2000	- 230	-	RNP APCH

**WAYPOINT LIST**

<b>RNAV (GNSS) RWY23</b>		
<b>Waypoint Identifier</b>	<b>Coordinates</b>	
SUNDA	11° 48' 14.01" N	102° 08' 14.08" E
KUGAR	12° 12' 21.61" N	102° 26' 16.32" E
NOVEM	12° 20' 25.98" N	102° 32' 19.57" E
HUNSA	12° 32' 15.73" N	101° 59' 00.42" E
SEPPA	12° 28' 15.82" N	102° 25' 56.90" E
FINZA	12° 24' 20.91" N	102° 29' 08.28" E
SMART	12° 20' 35.16" N	102° 24' 21.55" E
TDXNM (THR23)	12° 16' 49.30" N	102° 19' 34.94" E