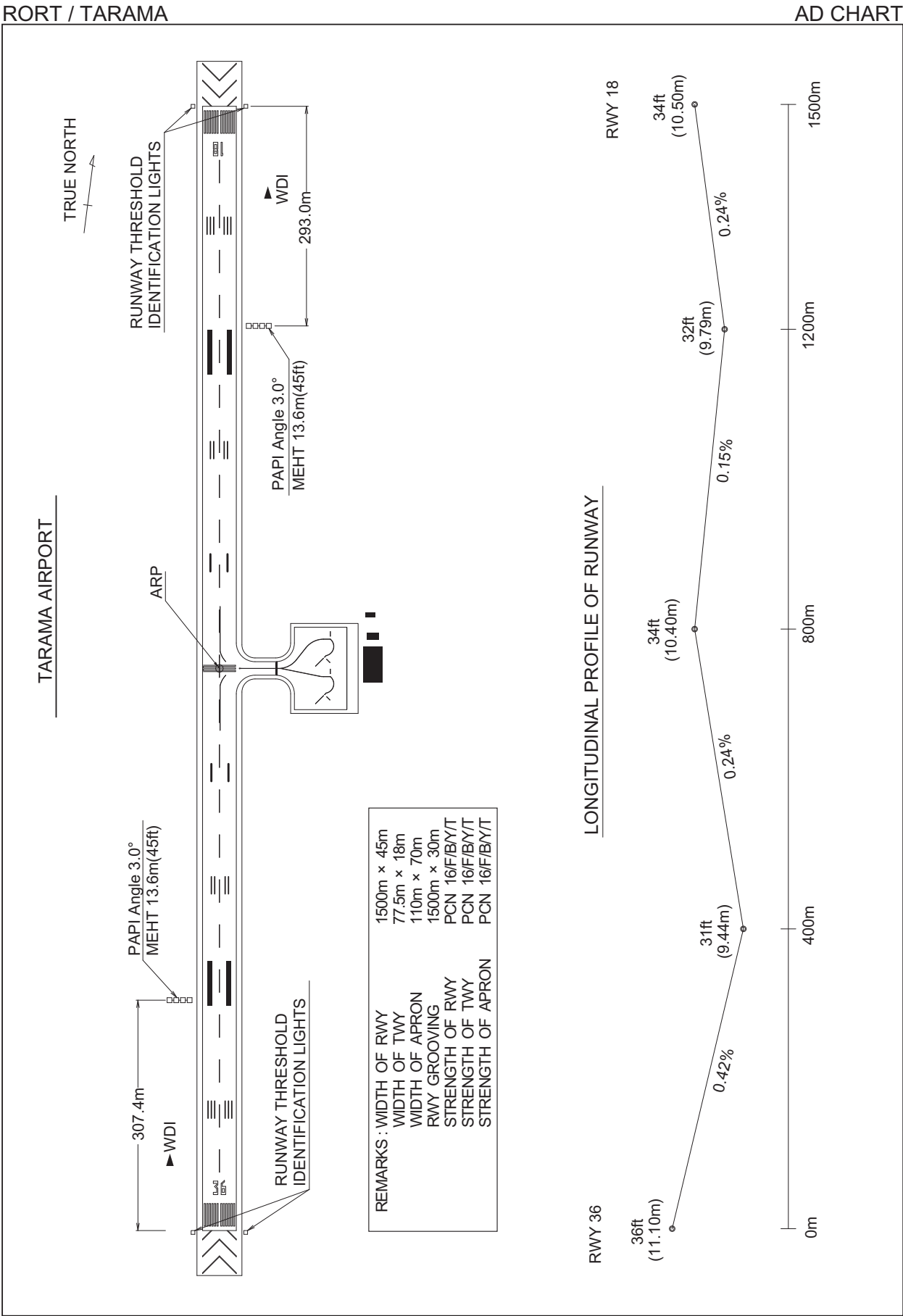


CHANGE : VOR/DME(RME) abolished.



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RORT / TARAMA


RNAV SID and TRANSITION

Basic RNP1

VAR 5°W (2020)



VOR/DME
SHIMOJISHIMA
117.1 SJE
CH-118X :--
24°49'19"N/125°08'38"E
100ET

VORTAC
MIYAKOJIMA
113.45 MJC
CH-81Y 
24°46'39"N/125°17'36"E
200FT

MIYAKO AP

MIYAKOJIMA(MJC)
244638.6N
1251736.3E

3000
GAHRA
244243.1N
1250550.4E

MIYAKO TRANSITION



RWY18 : Climb on HDG178° at or above 500FT, turn left direct to GAHRA at or above 3000FT.
RWY36 : Climb on HDG358° at or above 500FT, turn right direct to GAHRA at or above 3000FT.

From GAHRA at or above 3000FT, to MJC.

CHANGE : VAR. SID course. SID renamed. MIYAKO TRANSITION established.

STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA

RNAV SID and TRANSITION

GAHRA THREE DEPARTURE

RWY18

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	178 (172.8)	-4.9	—	—	+500	—	—	Basic RNP1
002	DF	GAHRA	—	—	-4.9	—	L	+3000	—	—	Basic RNP1

RWY36

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	358 (352.8)	-4.9	—	—	+500	—	—	Basic RNP1
002	DF	GAHRA	—	—	-4.9	—	R	+3000	—	—	Basic RNP1

MIYAKO TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	GAHRA	—	—	-4.9	—	—	+3000	—	—	Basic RNP1
002	TF	MJC	—	075 (069.8)	-4.9	11.4	—	—	—	—	Basic RNP1

CHANGE : VAR. SID course. SID renamed. MIYAKO TRANSITION established.

INSTRUMENT APPROACH CHART

RORT / TARAMA

RNAV(GNSS) RWY18

SAKISHIMA APP 125.0 –121.2	1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required. 3. GNSS required. <small>For E/TSO-C129() sensor, contingency means required, such as IRU.</small>	TARAMA RADIO 118.6 AFIS provided by Naha Airport Office	RADAR AVBL
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Baro-VNAV not authorized below 5°C

VAR 5°W (2020)

UMAKI (IAF/MAHF)	243721.70N 1245115.01E
KROWA	244647.68N 1244354.56E
MINNA (IF)	244617.48N 1243932.93E
RT851 (FAF)	244248.48N 1244001.92E
RW18 (MAPt)	243937.89N 1244028.34E
RT852 (MATF)	243638.74N 1244053.16E

MSA 25NM

2700

ARP

ARP: 243914N/1244031E

NM to Next Fix	FAF	3	2	1	MAPt
ALT(3.0° APCH Path)	1100	1039	721	402	—

VORTAC —
MIYAKOJIMA
113.45 MJC
CH-81Y
24 46 39 N / 125 17 36 E

<div> <div> <div>UMAKI (IAF) KROWA MINNA (IF)</div> <div>2000</div> <div>330°</div> <div>268°</div> <div>178°</div> <div>178°</div> <div>700 (666)</div> <div>MDA</div> <div>RDH50</div> </div> <div> <div>RT851 (FAF)</div> <div>1100</div> <div>1200</div> <div>3.00°</div> <div>0.9</div> <div>0</div> <div>NM to THR</div> </div> <div> <div>VDP (LNAV)</div> <div>RW18 (MAPt)</div> </div> </div>																																									
<div>MISSED APPROACH</div> <div>Direct to RT852, to UMAKI and hold at 2000FT.</div> <div>Contact SAKISHIMA APP.</div>																																									
<table> <tr> <th colspan="2">MINIMA</th><th colspan="2">THR elev.34</th><th colspan="2">AD elev.34</th></tr> <tr> <th>CAT</th><th>LNAV/VNAV</th><th>LNAV</th><th>CIRCLING</th><th colspan="2"></th></tr> <tr> <td>A</td><td>DA(H)</td><td>CMV</td><td>MDA(H)</td><td>CMV</td><td>MDA(H)</td></tr> <tr> <td>B</td><td>350(316)</td><td>1500</td><td>350(316)</td><td>1500</td><td>1600</td></tr> <tr> <td>C</td><td>360(326)</td><td>1800</td><td>360(326)</td><td>1800</td><td>2400</td></tr> <tr> <td>D</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td></tr> </table>						MINIMA		THR elev.34		AD elev.34		CAT	LNAV/VNAV	LNAV	CIRCLING			A	DA(H)	CMV	MDA(H)	CMV	MDA(H)	B	350(316)	1500	350(316)	1500	1600	C	360(326)	1800	360(326)	1800	2400	D	—	—	—	—	—
MINIMA		THR elev.34		AD elev.34																																					
CAT	LNAV/VNAV	LNAV	CIRCLING																																						
A	DA(H)	CMV	MDA(H)	CMV	MDA(H)																																				
B	350(316)	1500	350(316)	1500	1600																																				
C	360(326)	1800	360(326)	1800	2400																																				
D	—	—	—	—	—																																				

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

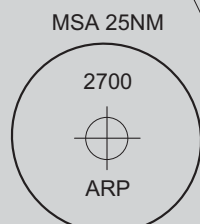
RORT / TARAMA

RNAV(GNSS) RWY36

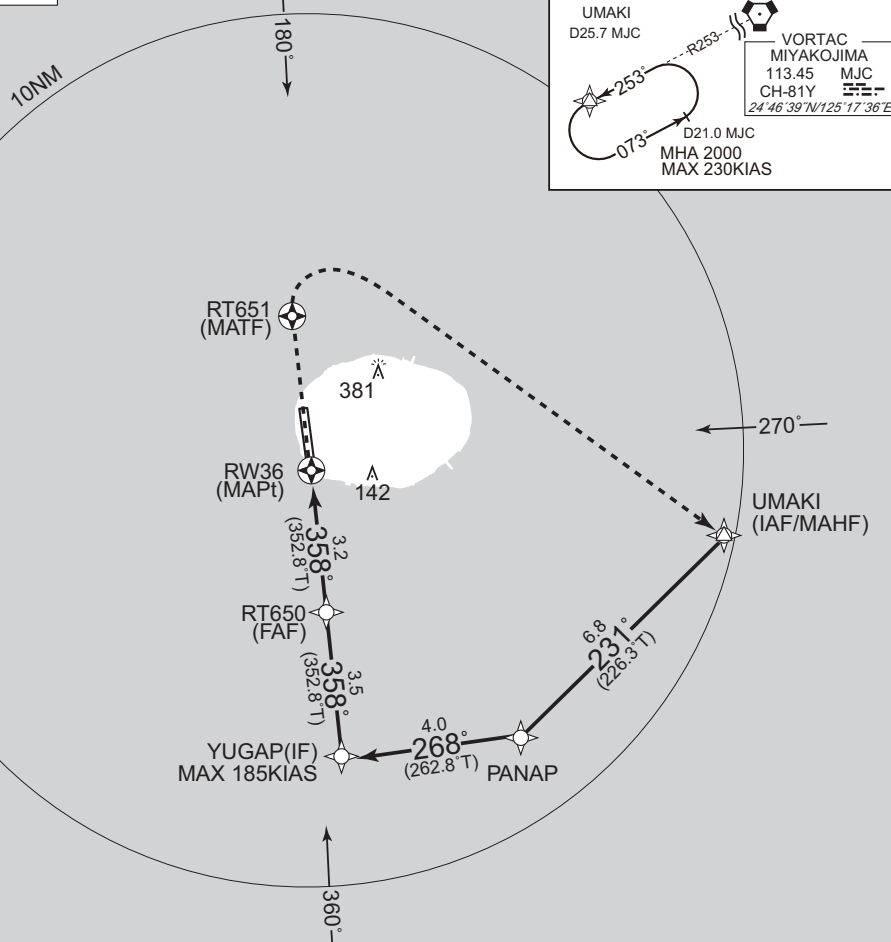
<p>SAKISHIMA APP</p> <p>125.0 –121.2</p>	<p>1. DME/DME RNP.3 not authorized.</p> <p>2. RNP.0.3 required.</p> <p>3. GNSS required.</p> <p>For E/TSO-C129() sensor, contingency means required, such as IRU.</p>	<p>TARAMA RADIO</p> <p>118.6</p> <p>AFIS provided by Naha Airport Office</p>	<p>RADAR AVBL</p>
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Baro-VNAV not authorized below 5°C

VAR 5°W (2020)	
UMAKI (IAF/MAHF)	<i>243721.70N</i> <i>1245115.07E</i>
PANAP	<i>243240.46N</i> <i>1244551.44E</i>
YUGAP (IF)	<i>243210.30N</i> <i>1244130.30E</i>
RT650 (FAF)	<i>243539.31N</i> <i>1244101.38E</i>
RW36 (MAPt)	<i>243849.53N</i> <i>1244035.04E</i>
RT651 (MATF)	<i>244148.68N</i> <i>1244010.22E</i>

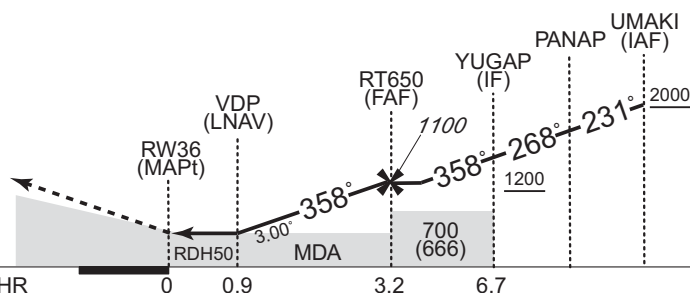


ARP:243914N/1244031E



NM to Next Fix	MAPt	1	2	3	FAF
ALT(3.0° APCH Path)	—	404	722	1041	1100

Direct to RT651, turn right direct to UMAKI
and hold at 2000FT.
Contact SAKISHIMA APP.



Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev.36		AD elev.34		
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	340(304)	1500	340(306)	1500	680(646)	1600
B						2400
C	360(324)	1800	360(326)	1800		
D	—	—	—	—	—	—

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

RORT / TARAMA

Visual REP

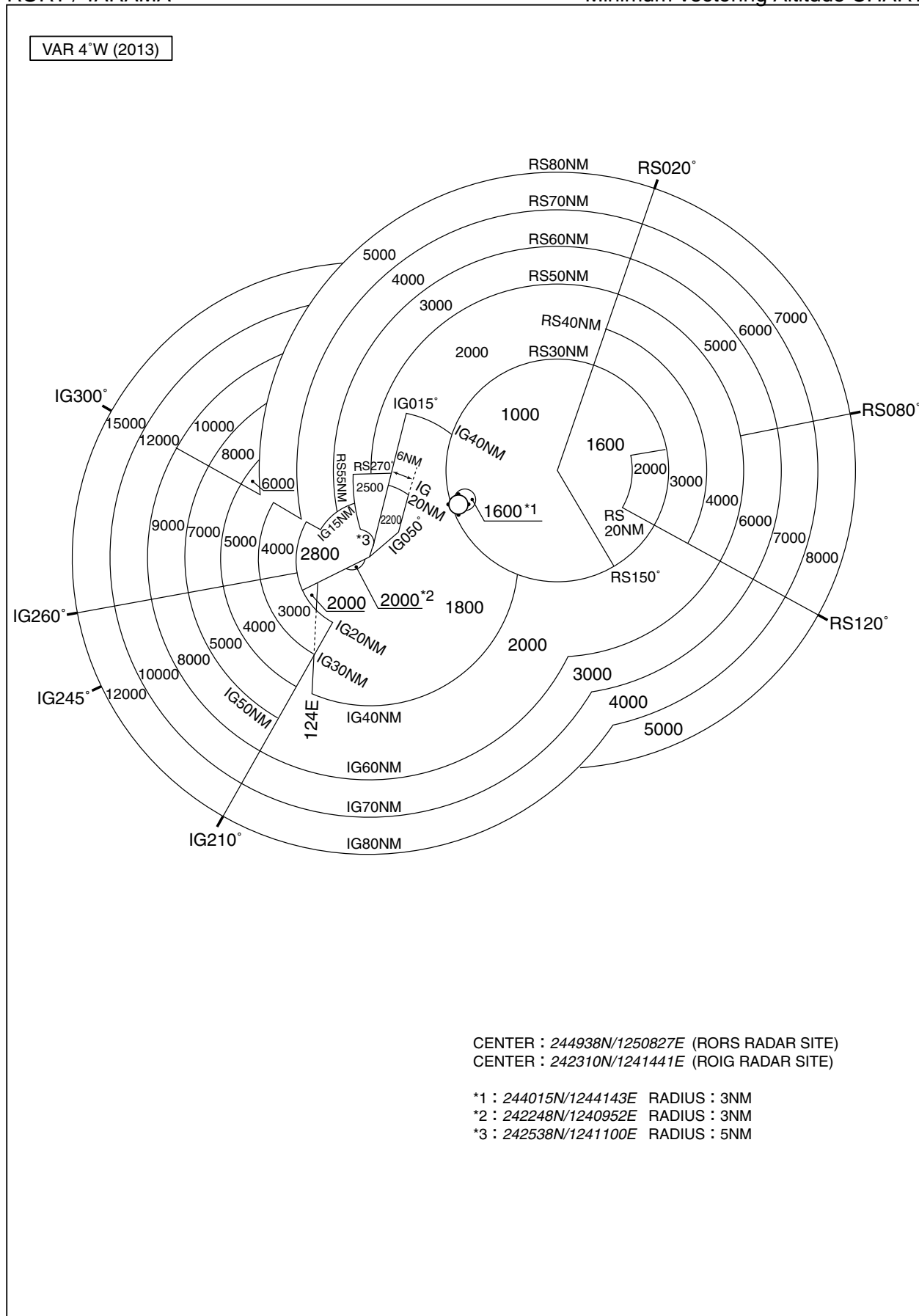


Call sign	BRG / DIST from ARP	Remarks
ハナレ崎 HANAREZAKI	021° / 5.7NM	岬 Cape
10NM E	090° / 10.0NM	海上 Over the sea
10NM SW	225° / 10.0NM	海上 Over the sea



RORT / TARAMA

Minimum Vectoring Altitude CHART



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