

RJBD / NANKI-SHIRAHAMA

AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJBD / NANKI-SHIRAHAMA

SID

NANKI REVERSAL THREE DEPARTURE

RWY15 : Climb on HDG163° to NKE 4.0DME, turn right,...

RWY33 : Climb RWY HDG to 1500FT, turn left,....

...direct to NKE VOR/DME.

Cross NKE VOR/DME at or above 4000FT.

Note RWY15 : 5.8% climb gradient required up to 1300FT.

OBST ALT 984FT located at 3.1NM 139° FM end of RWY15.



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RNAV SID

KUSHIMOTO ONE DEPARTURE

Basic RNP1

Note GNSS required.



KUSHIMOTO ONE DEPARTURE

RWY15 : Climb on HDG148° at or above 2100FT, turn left direct to KEC.

RWY33 : Climb on HDG328° at or above 800FT, turn left direct to BD300, to BD301 at or above 5000FT, to KEC.

Note RWY15 : 6.1% climb gradient required up to 2100FT.

OBST ALT 1641FT located at 4.3NM 138° FM end of RWY15.

OBST ALT 1903FT located at 4.2NM 119° FM end of RWY15.

RWY15

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	—	—	148 (140.1)	-7.3	—	—	+2100	—	—	Basic RNP1
002	DF	KEC	—	—	-7.3	—	L	—	—	—	Basic RNP1

RWY33

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	—	—	328 (321.1)	-7.3	—	—	+800	—	—	Basic RNP1
002	DF	BD300	—	—	-7.3	—	L	—	—	—	Basic RNP1
003	TF	BD301	—	116 (108.7)	-7.3	7.3	—	+5000	—	—	Basic RNP1
004	TF	KEC	—	116 (108.8)	-7.3	20.3	—	—	—	—	Basic RNP1

STANDARD ARRIVAL CHART - INSTRUMENT

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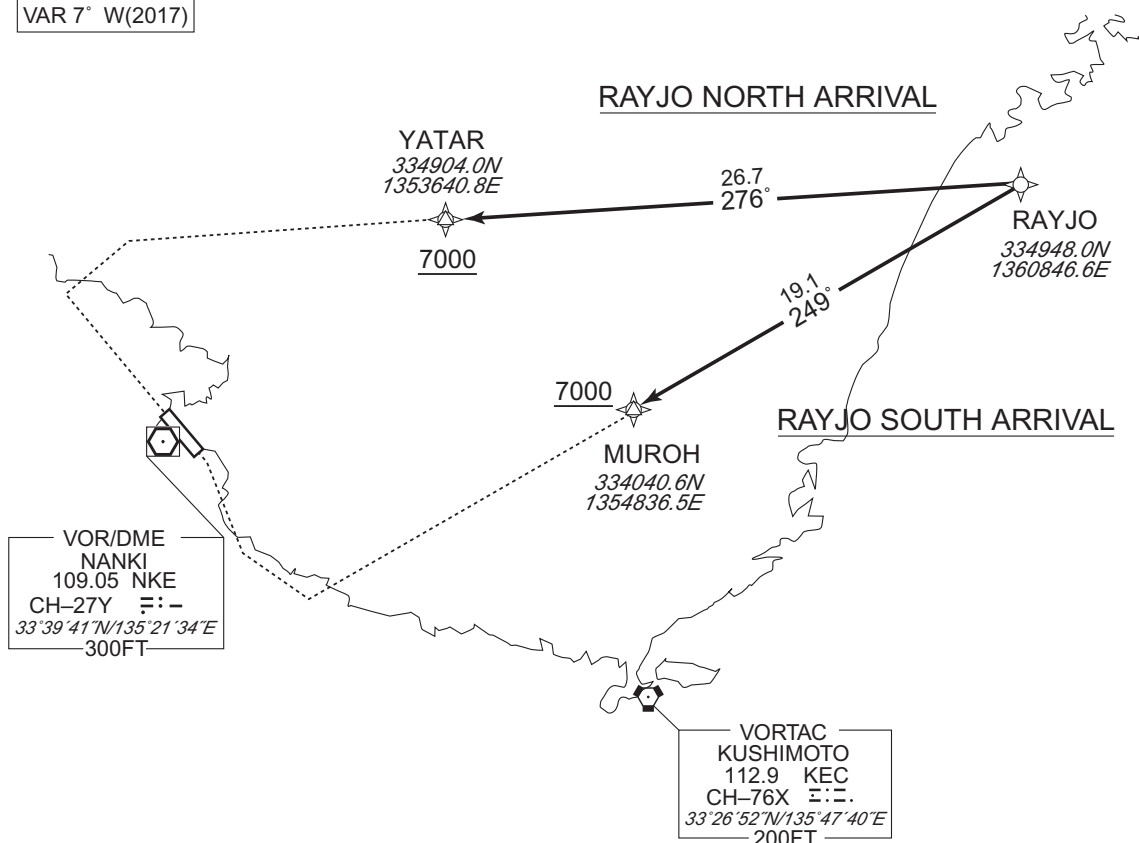
RNAV STAR

RAYJO NORTH ARRIVAL / RAYJO SOUTH ARRIVAL

Basic RNP1

Note GNSS required.

VAR 7° W(2017)



RAYJO NORTH ARRIVAL

From RAYJO, to YATAR at or above 7000FT.

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	RAYJO	—	—	-7.3	—	—	—	—	—	Basic RNP1
002	TF	YATAR	—	276 (268.6)	-7.3	26.7	—	+7000	—	—	Basic RNP1

RAYJO SOUTH ARRIVAL

From RAYJO, to MUROH at or above 7000FT.

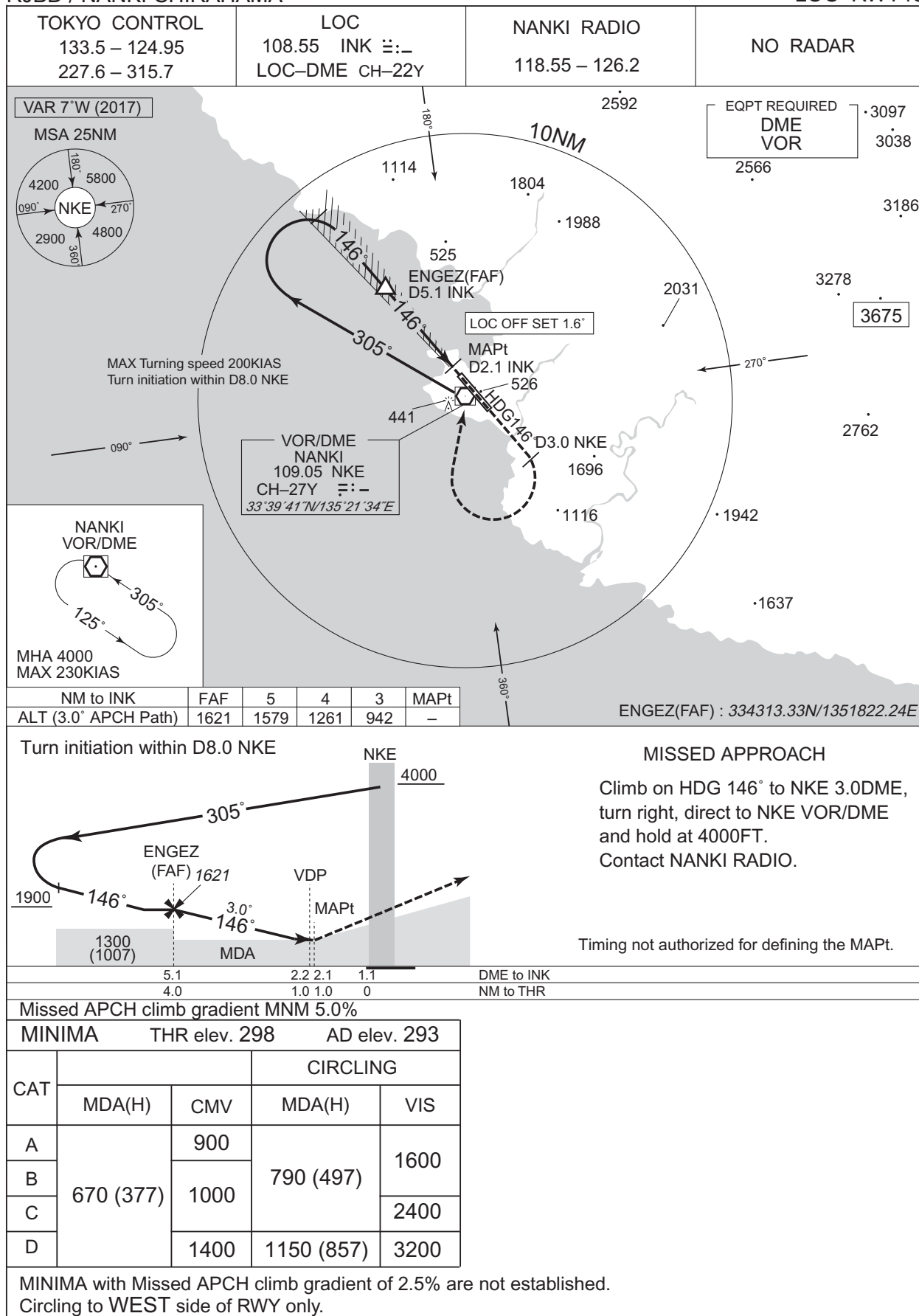
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	RAYJO	—	—	-7.3	—	—	—	—	—	Basic RNP1
002	TF	MUROH	—	249 (241.5)	-7.3	19.1	—	+7000	—	—	Basic RNP1

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INSTRUMENT APPROACH CHART

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LOC RWY15



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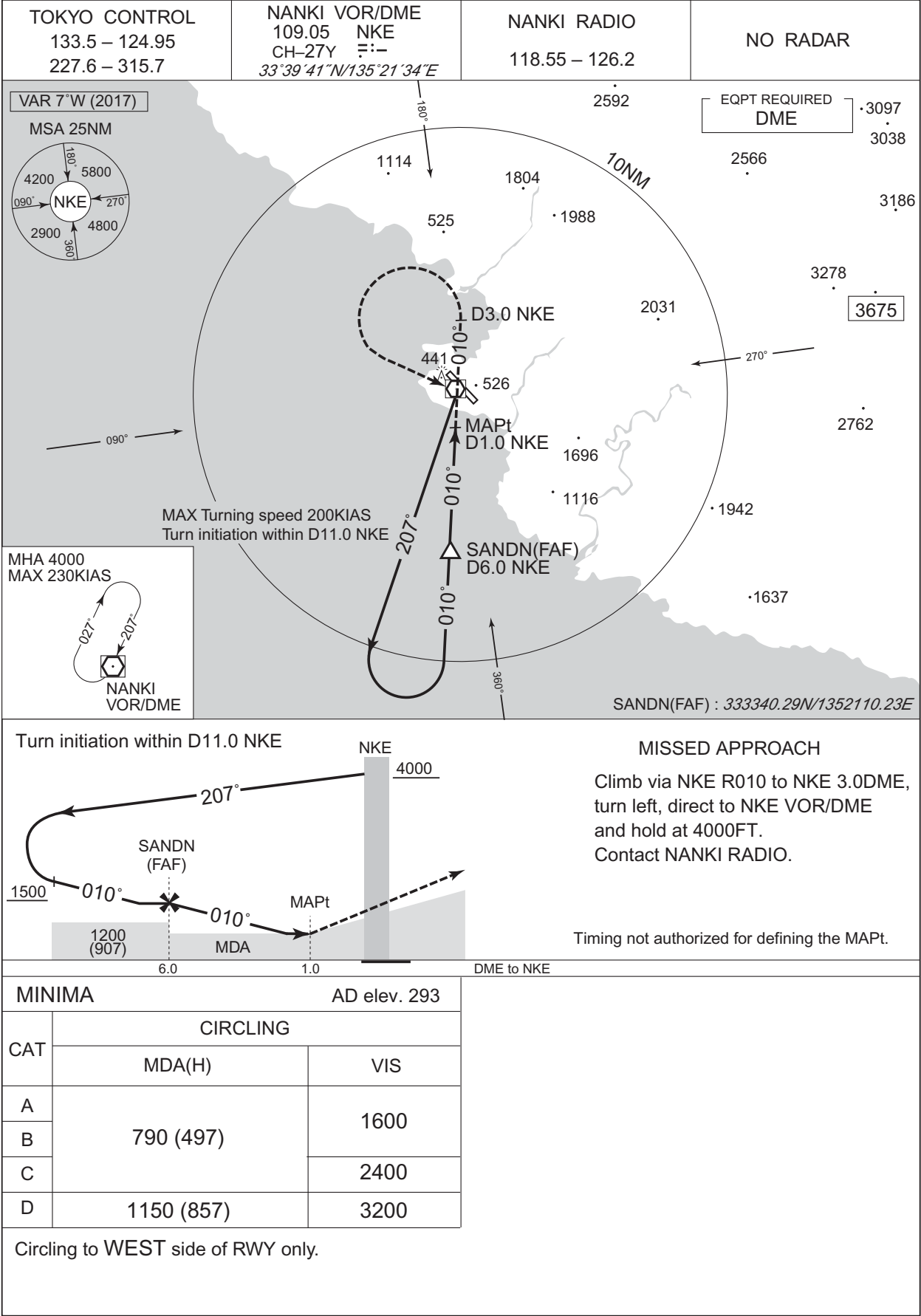
VOR RWY15

Civil Aviation Bureau, Japan (EFF:8 OCT 2020)

INSTRUMENT APPROACH CHART

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VOR A



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RNAV(GNSS) RWY15

TOKYO CONTROL

133.5 – 124.95

227.6 – 315.7

1. DME/DME RNP0.3 not authorized.

2. RNP0.3 required.

3. GNSS required.

NANKI RADIO

118.55 – 126.2

NO RADAR

VAR 7° (2017)

MSA 25NM

5800

ARP

ARP : 333944N/1352152E

YATAR 334904.04N
(IAF) 1353640.80E

BD550 334845.46N
1352440.75E

BD551 334835.73N
1351840.76E

BD552 334623.07N
(IF) 1351525.07E

GALAS 334316.34N
(FAF) 1351826.57E

BD553 334056.25N
(MAPt) 1352042.55E

BD554 333812.75N
(MATF) 1352321.04E

KISEI 332804.16N
(MAHF) 1351944.01E

VOR/DME
NANKI
109.05 NKE
CH-27Y
33°39'41"N/135°21'34"E

YATAR (IAF)

7000

276°

BD550

3800

275°

BD551

2900

238°

BD552 (IF)

2300

148°

GALAS (FAF)

1621

3.00°

BD553 (MAPt)

1100 (807)

MDA

RDH50

8.0

4.0

1.0

0

NM to THR

VDP

1.0NM to THR (CAT A, B, C)

1.1NM to THR (CAT D)

NKE

MISSED APPROACH

Direct to BD554, to KISEI and hold at 4000FT. Contact NANKI RADIO.

(For using VOR/DME)

Climb via NKE R141 to NKE 2.1DME, turn right, via NKE R194 to KISEI and hold at 4000FT. Contact NANKI RADIO.

Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 298		AD elev. 293		
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	700 (402)	900	660 (367)	900	790 (497)	1600
B		1000		1000		2400
C						
D	720 (422)	1400	690 (397)	1400	1150 (857)	3200

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

Circling to WEST side of RWY only.

INSTRUMENT APPROACH CHART

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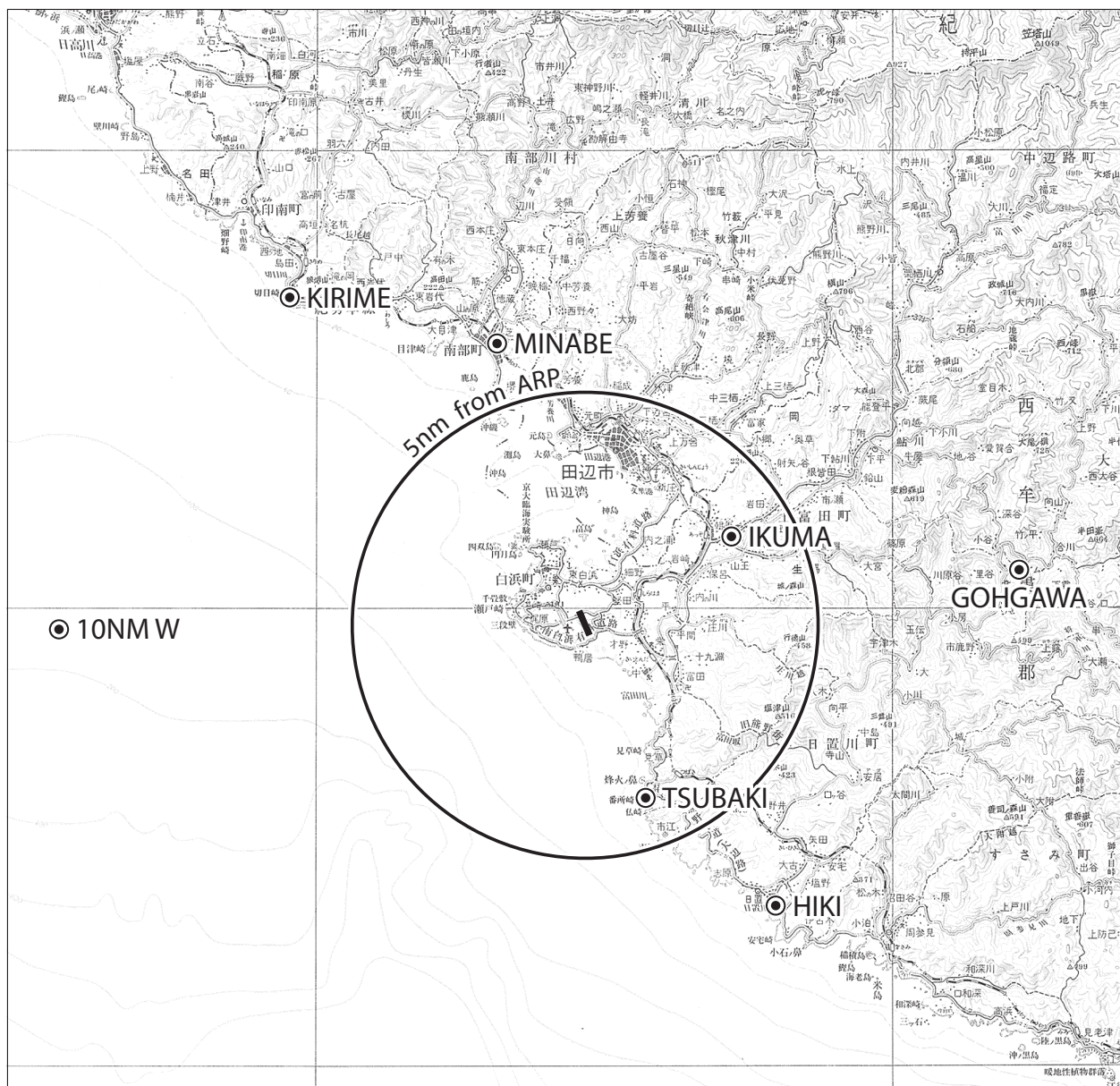
RNAV(GNSS) RWY33



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Visual REP



Call sign	BRG / DIST from ARP	Remarks
切目 Kirime	325°/9.5NM	岬 Cape
南部 Minabe	349°/6.5NM	JR駅 Station
10NM W	270°/10.0NM	海上 Over the sea
合川 Gohgawa	090°/10.0NM	ダム Dam
椿 Tsubaki	167°/4.0NM	高層ビル High Building
日置 Hiki	149°/7.0NM	日置川河口中州 River-mouth
生馬 Ikuma	072°/4.0NM	橋 Truss-bridge

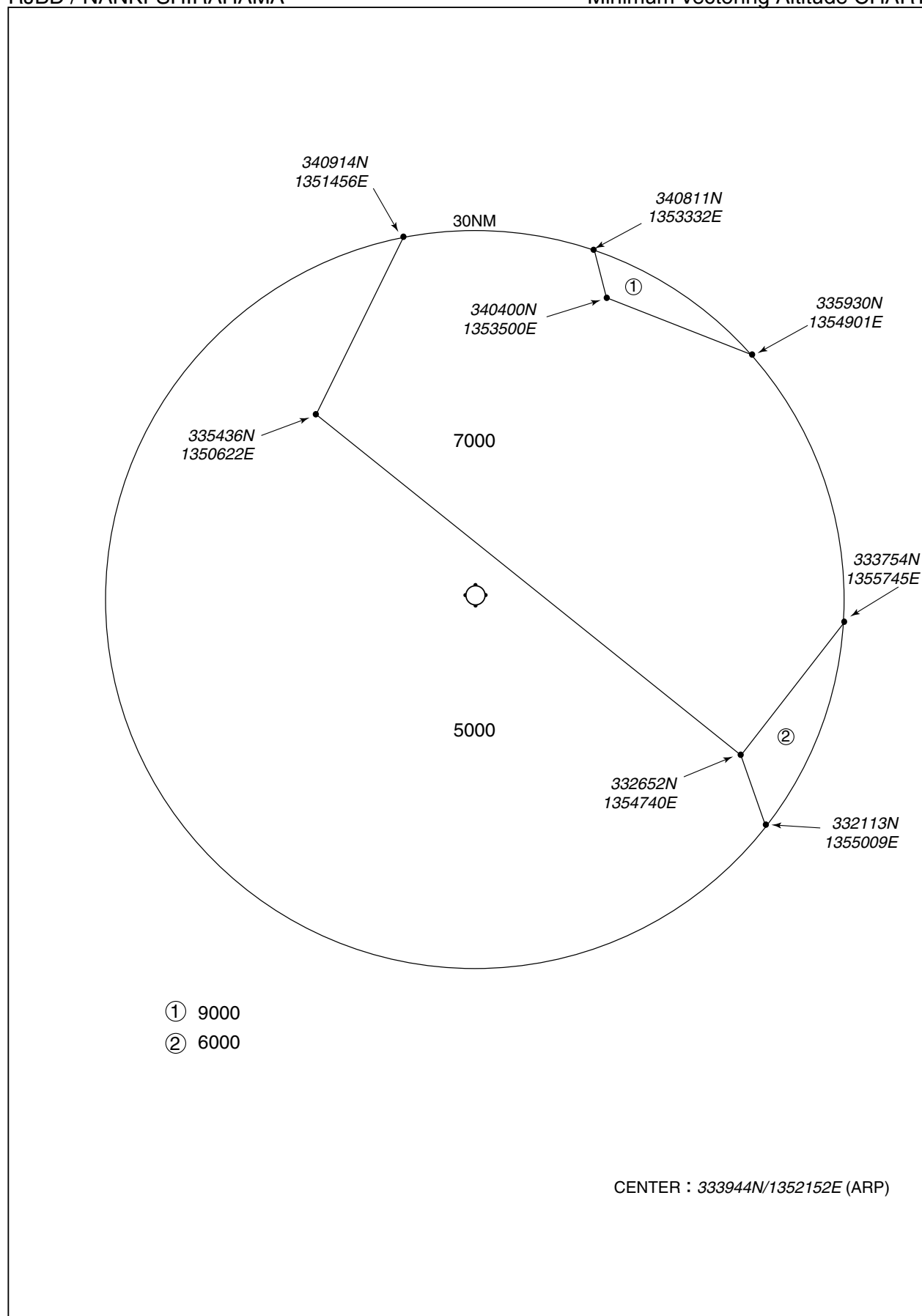


注：南紀白浜空港の西側に廃止された滑走路が(なお、禁止標識が5カ所設置されている)視認できる状態にあるので、南紀白浜空港に着陸する航空機は当該滑走路と誤認しないように注意すること。

NOTE : There is remained the abolished runway with 5 cross[×] markings at west side of Nanki-Shirahama Airport. As the abolished runway in shape is visible, the aircraft which will land on Nanki-Shirahama Airport shall pay a special attention not to confuse the runway.

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Minimum Vectoring Altitude CHART



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