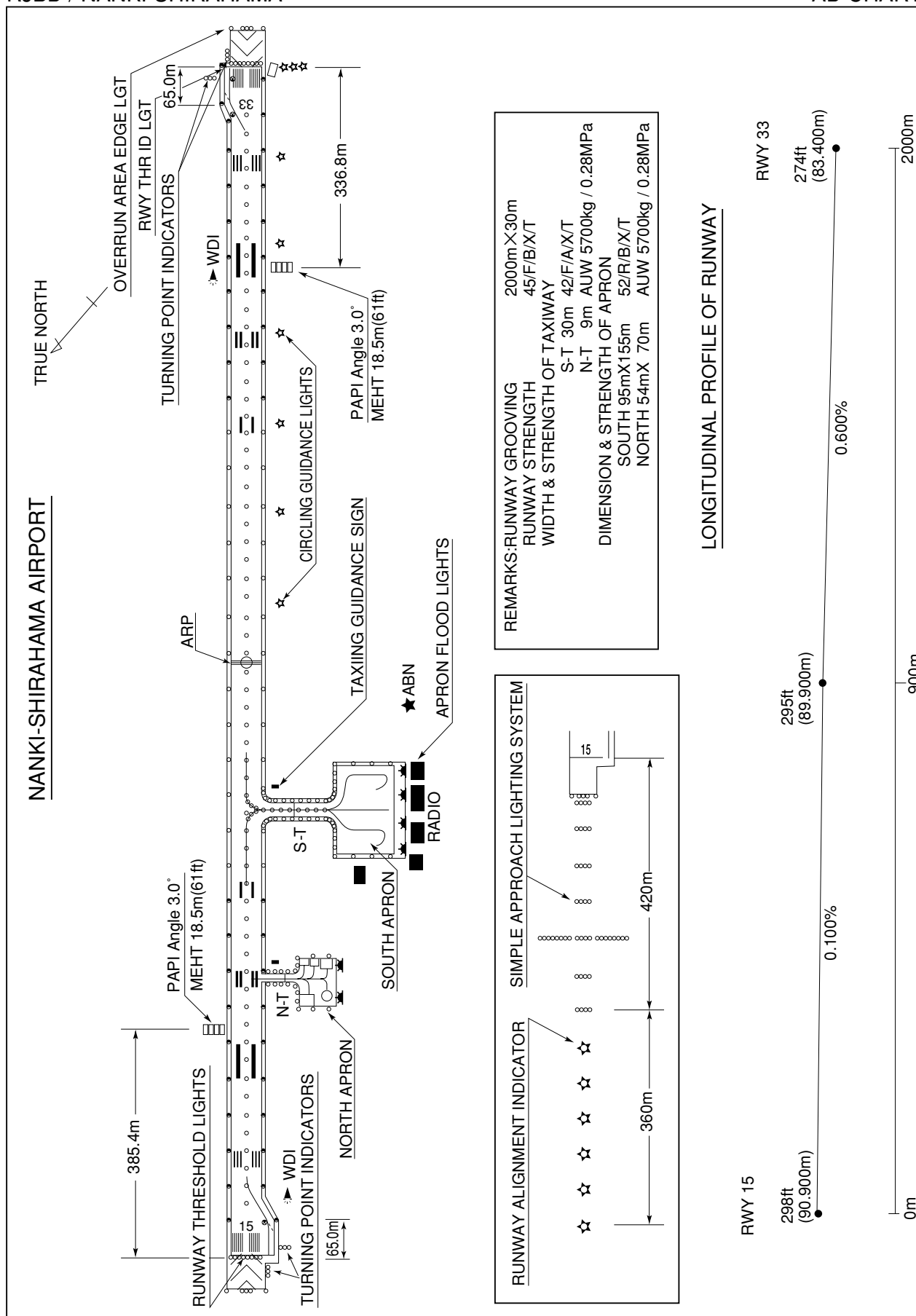


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AD CHART



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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.



STANDARD DEPARTURE CHART - INSTRUMENT

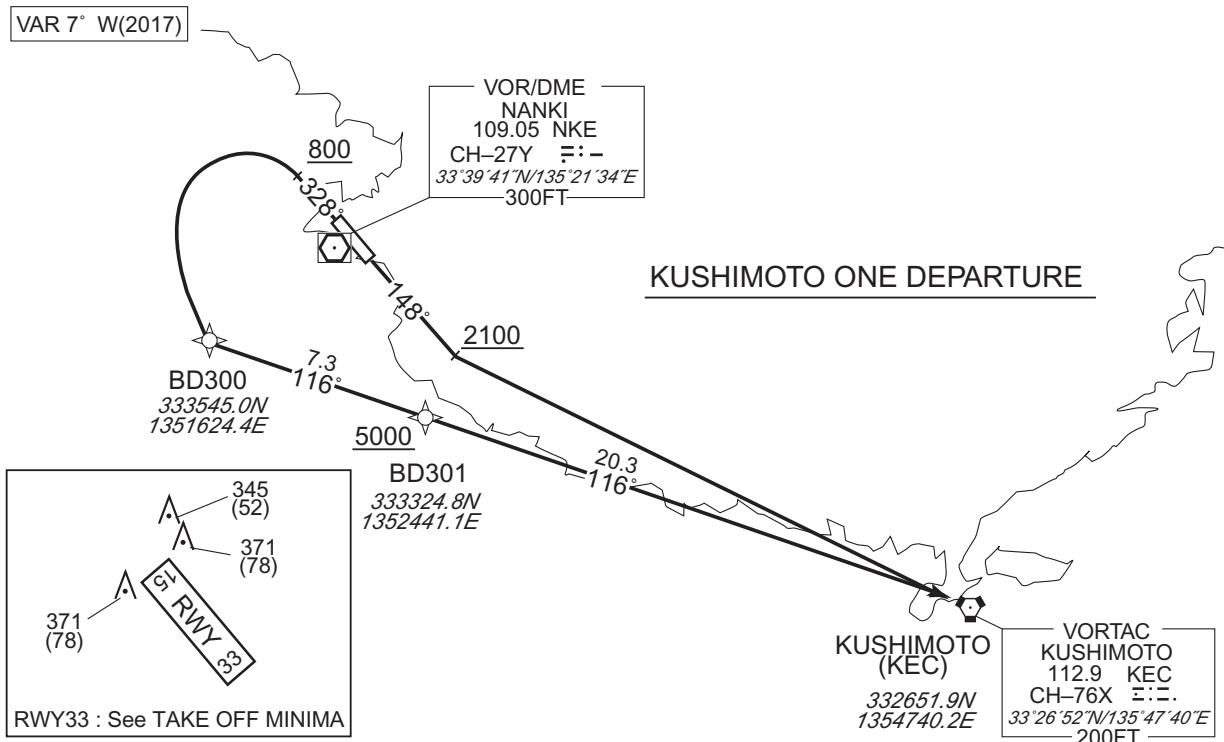
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RNAV SID

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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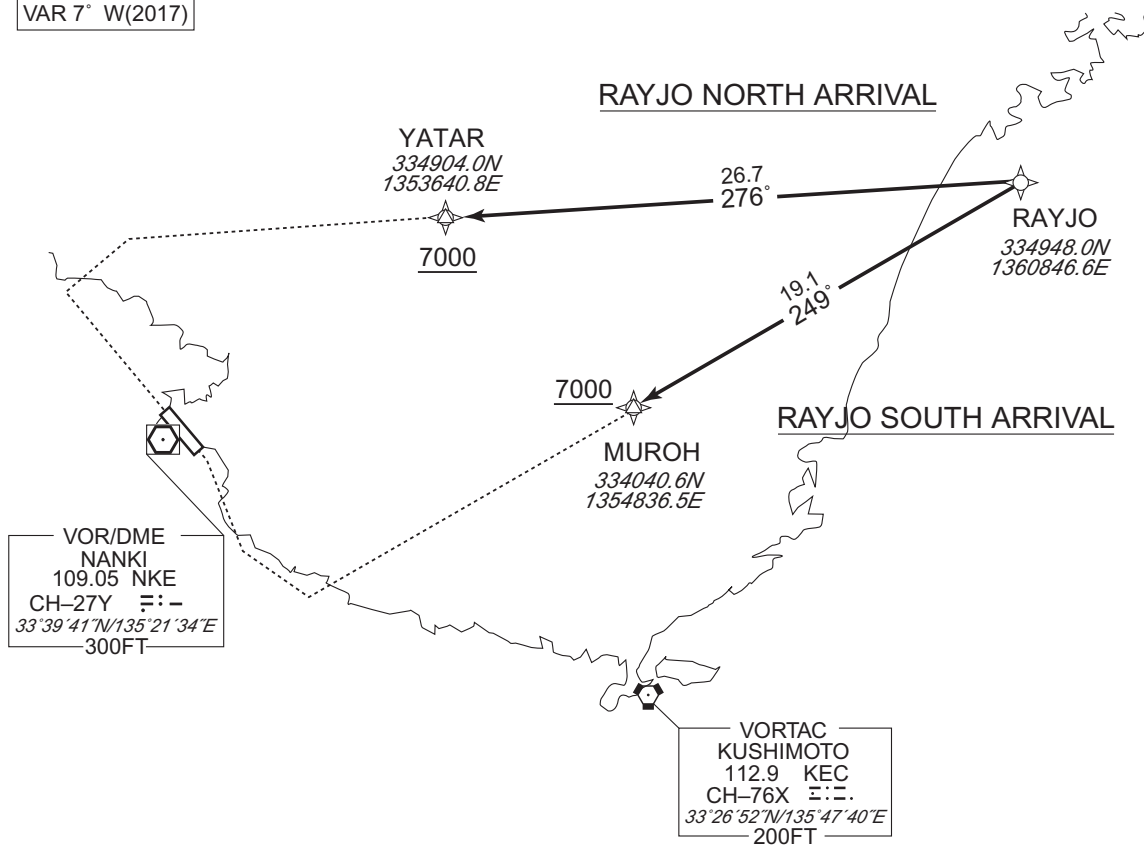
RNAV STAR

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



RJBD / NANKI-SHIRAHAMA

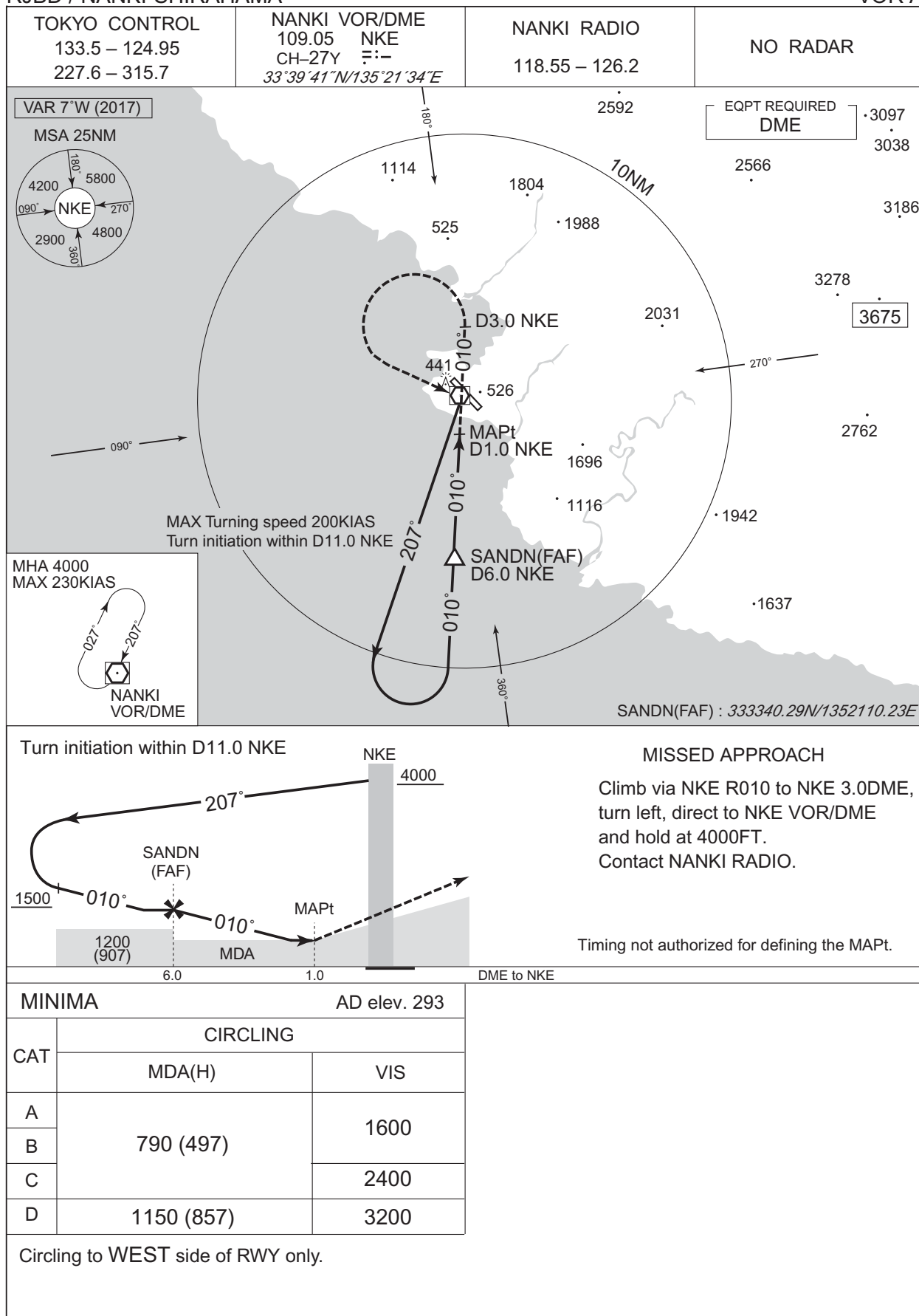
VOR RWY15

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

INSTRUMENT APPROACH CHART

RJBD / NANKI-SHIRAHAMA

VOR A



INSTRUMENT APPROACH CHART

RJBD / NANKI-SHIRAHAMA

RNAV(GNSS) RWY15



RJBD / NANKI-SHIRAHAMA

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

Baro-VNAV not authorized

VAR 7° (2017)

MSA 25NM

5800

ARP

ARP : 333944N/1352152E

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

MUROH 334040.60N (IAF) 1354836.51E
BD350 333328.76N 1353250.01E
BD351 333147.70N (IF) 1352909.53E
PANDA 333409.14N (FAF) 1352517.18E
BD352 333559.06N 1352418.87E
BD353 333721.40N 1352334.86E
BD354 333843.80N (MAPt) 1352250.96E
KISEI 332804.16N (MAHF) 1351944.01E

BD354(MAPt) 343°(336.1°T)/1.5
BD353 343°(336.0°T)/1.5
BD352 343°(336.2°T)/2.0
PANDA(FAF)
BD350 343°(336.2°T)/2.0
BD351 (IF) 343°(336.2°T)/2.0
MAX 185KIAS

Final approach course
OFFSET 15.0°

10NM

KISEI (MAHF)

MUROH (IAF)

NANKI VOR/DME

KISEI D11.7 NKE

MUROH D22.5 NKE

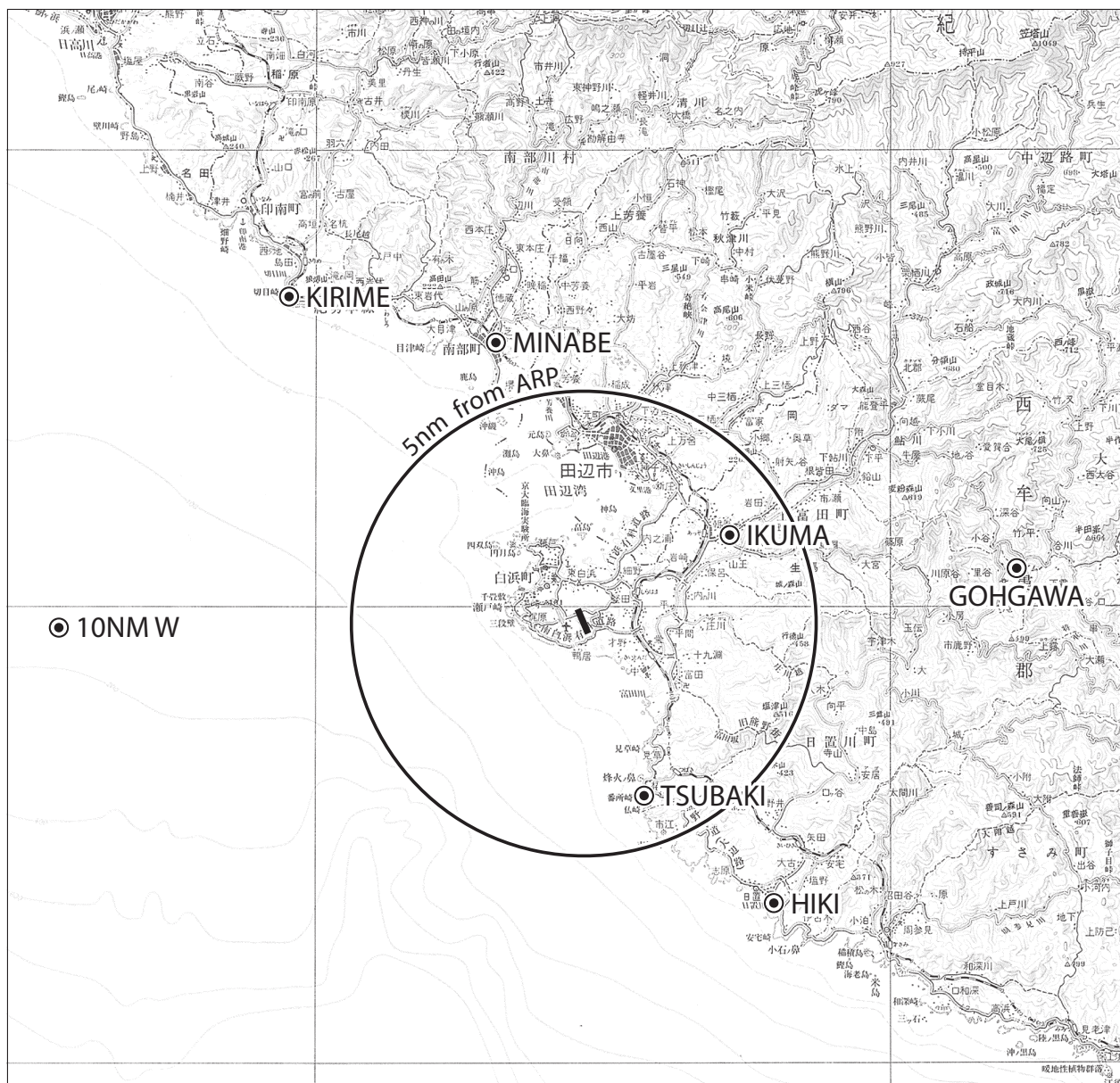
NM to Next Fix	MAPt	1	2	3	4	FAF
ALT (3.0° APCH Path)	-	882	1200	1519	1837	2156

Circling to WEST side of RWY only.

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RJBD/NANKI-SHIRAHAMA

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

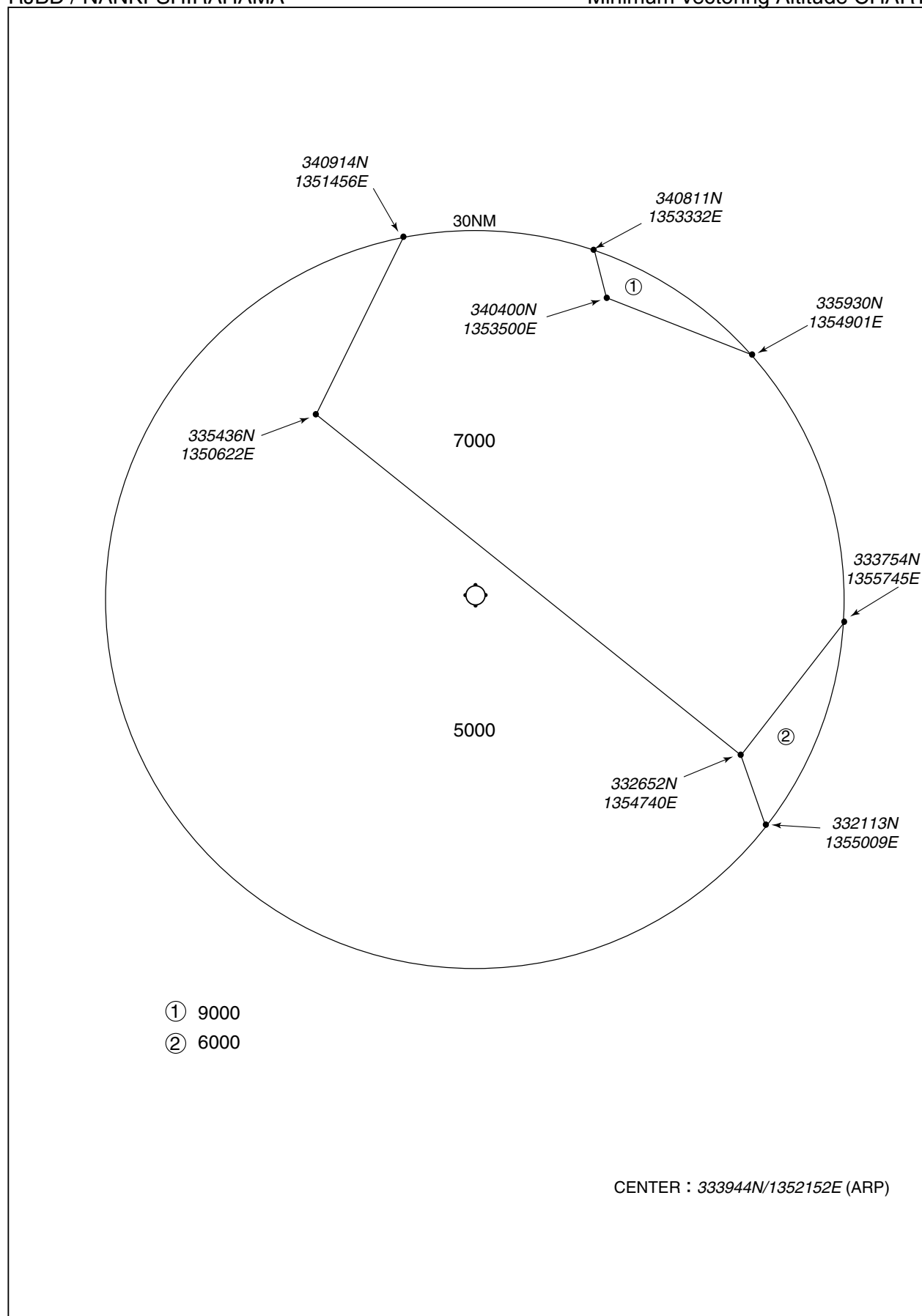


注：南紀白浜空港の西側に廃止された滑走路が(なお、禁止標識が5カ所設置されている)視認できる状態にあるので、南紀白浜空港に着陸する航空機は当該滑走路と誤認しないように注意すること。

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.

RJBD / NANKI-SHIRAHAMA

Minimum Vectoring Altitude CHART



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