

STANDARD DEPARTURE CHART -INSTRUMENT

RJNW / NOTO

SID

HISUI THREE DEPARTURE

RWY07 : Climb RWY HDG to 1300FT, turn right...

RWY25 : Climb RWY HDG to 1200FT, turn left HDG 032° ...
...to intercept and proceed via NTE R077 to HISUI.



STANDARD DEPARTURE CHART -INSTRUMENT

RJNW / NOTO

SID

URUSI ONE DEPARTURE

RWY07 : Climb RWY HDG to 1300FT, turn right HDG217°...

RWY25 : Climb RWY HDG to 1200FT, turn left HDG127°...

...to intercept and proceed via NTE R172 to URUSI.

Cross URUSI at or above 8000FT.

VOR/DME
NOTO
111.45 NTE
CH-51Y
37°17'24"N/136°57'46"E
800FT

URUSI ONE DEPARTURE

△ URUSI R172/D29.4 NTE
8000

STANDARD ARRIVAL CHART -INSTRUMENT

RJNW / NOTO

STAR

GORYU ARRIVAL

From over HAPPO or GORYU, via TOE 43.1DME counterclockwise ARC to NOPPY or to intercept and proceed via NTE R074 to NTE VOR/DME.

Cross NOPPY at or above 3000FT, cross NTE VOR/DME at or above 3000FT.



STANDARD ARRIVAL CHART -INSTRUMENT

RJNW / NOTO

➔ RNAV STAR RWY07

KILCO ARRIVAL

Basic RNP1

Note GNSS required.

VAR 8°W (2017)

VOR/DME
NOTO
111.45 NTE
CH-51Y
37°17'24"N/136°57'46"E
800FT

KILCO ARRIVAL

KILCO
370843.1N
1372519.8E
6000

HAPPO
370604.9N
1375320.7E

KILCO ARRIVAL

From HAPPO, to KILCO at or above 6000FT.

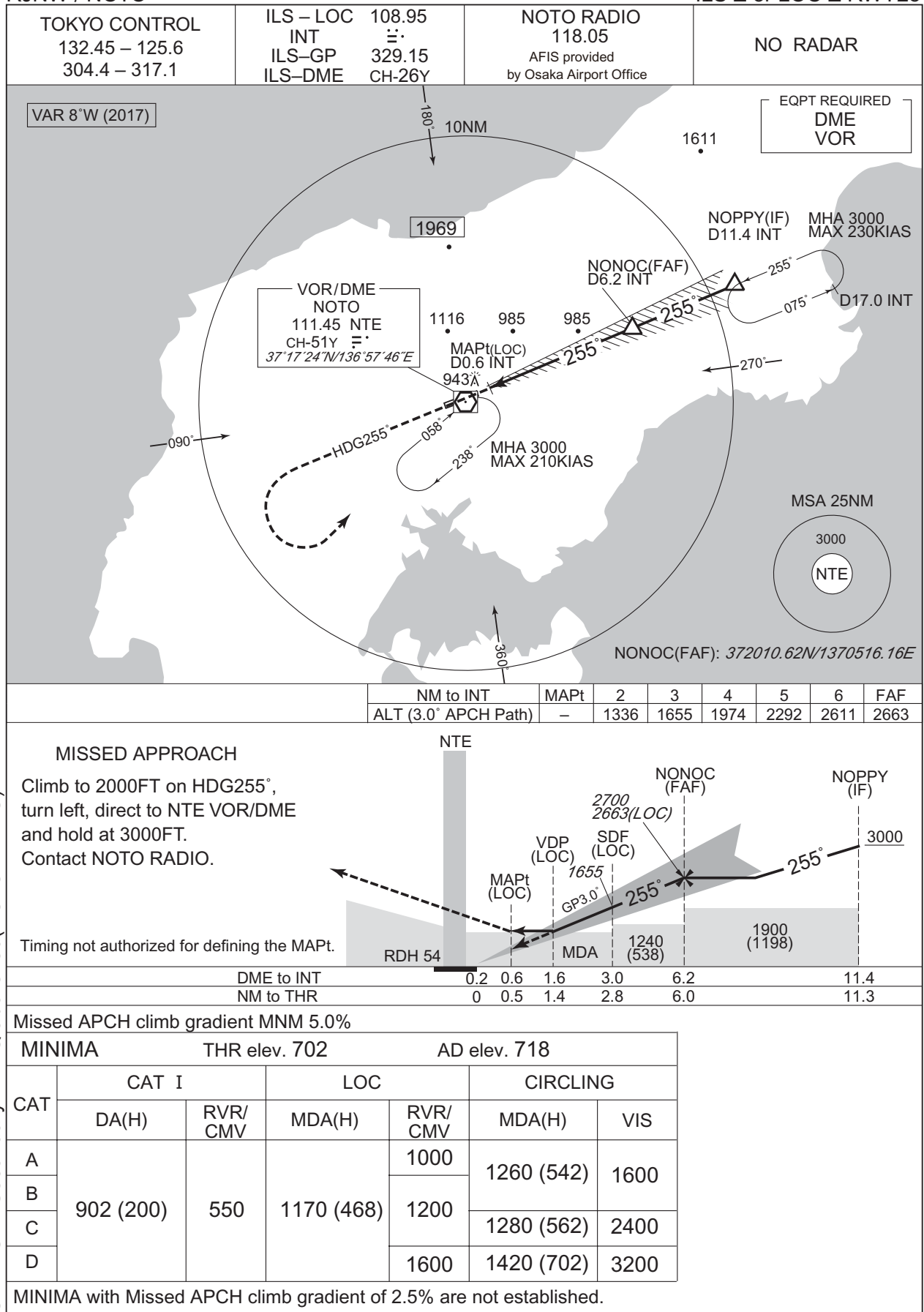
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	HAPPO	—	—	-8.3	—	—	—	—	—	Basic RNP1
002	TF	KILCO	—	285 (276.9)	-8.3	22.5	—	+6000	—	—	Basic RNP1

CHANGE : New PROC

INSTRUMENT APPROACH CHART

RJNW / NOTO

ILS Z or LOC Z RWY25

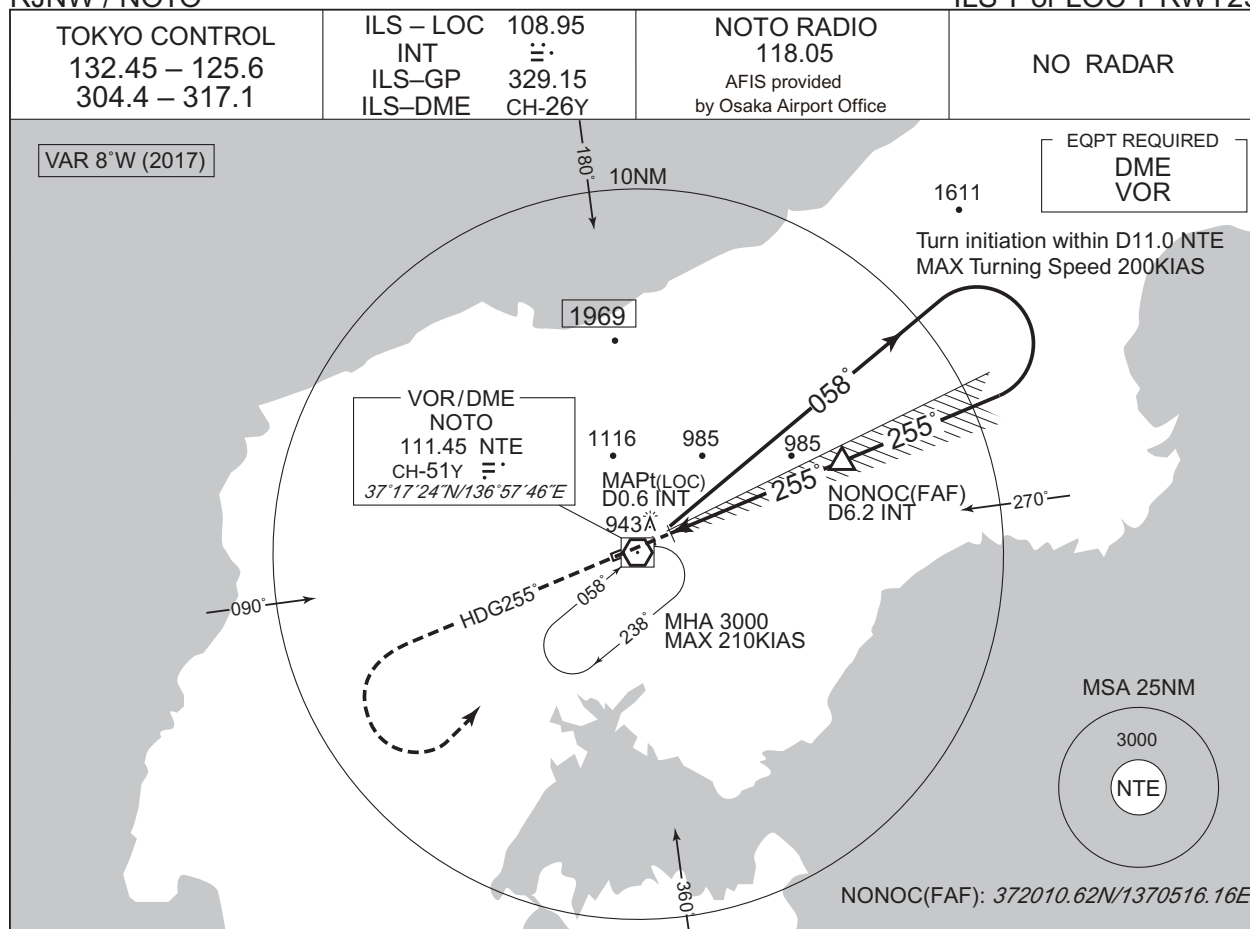


CHANGE : Secondary FREQ abolished(NOTO RADIO).

INSTRUMENT APPROACH CHART

RJNW / NOTO

ILS Y or LOC Y RWY25

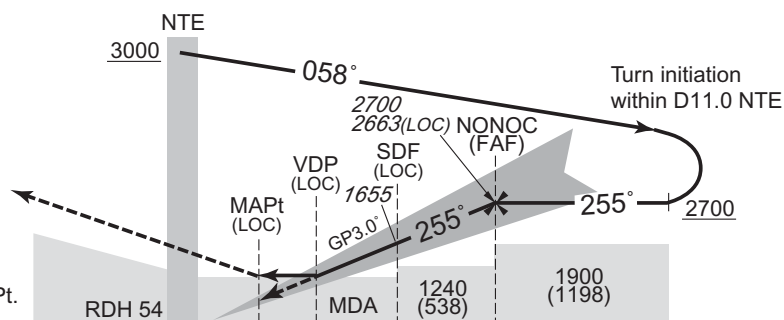


NM to INT	MAPt	2	3	4	5	6	FAF
ALT (3.0° APCH Path)	—	1336	1655	1974	2292	2611	2663

MISSED APPROACH

Climb to 2000FT on HDG255°,
turn left, direct to NTE VOR/DME
and hold at 3000FT.
Contact NOTO RADIO.

Timing not authorized for defining the MAPt.



DME to INT	0.2	0.6	1.6	3.0	6.2
NM to THR	0	0.5	1.4	2.8	6.0

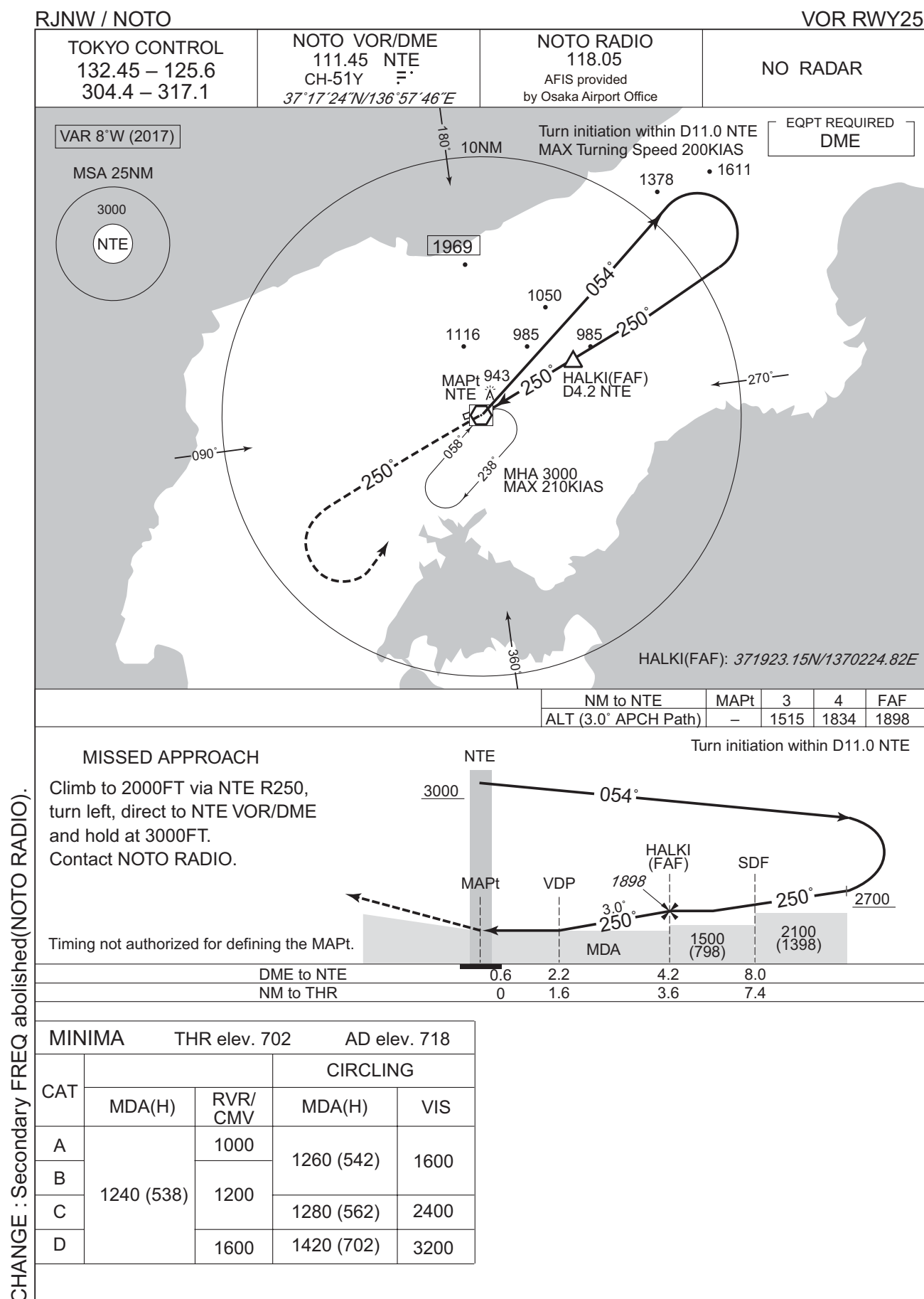
Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 702		AD elev. 718		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	902 (200)	550	1170 (468)	1000	1260 (542)	1600
B				1200		
C					1280 (562)	2400
D				1600	1420 (702)	3200

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

CHANGE : Secondary FREQ abolished(NOTO RADIO).

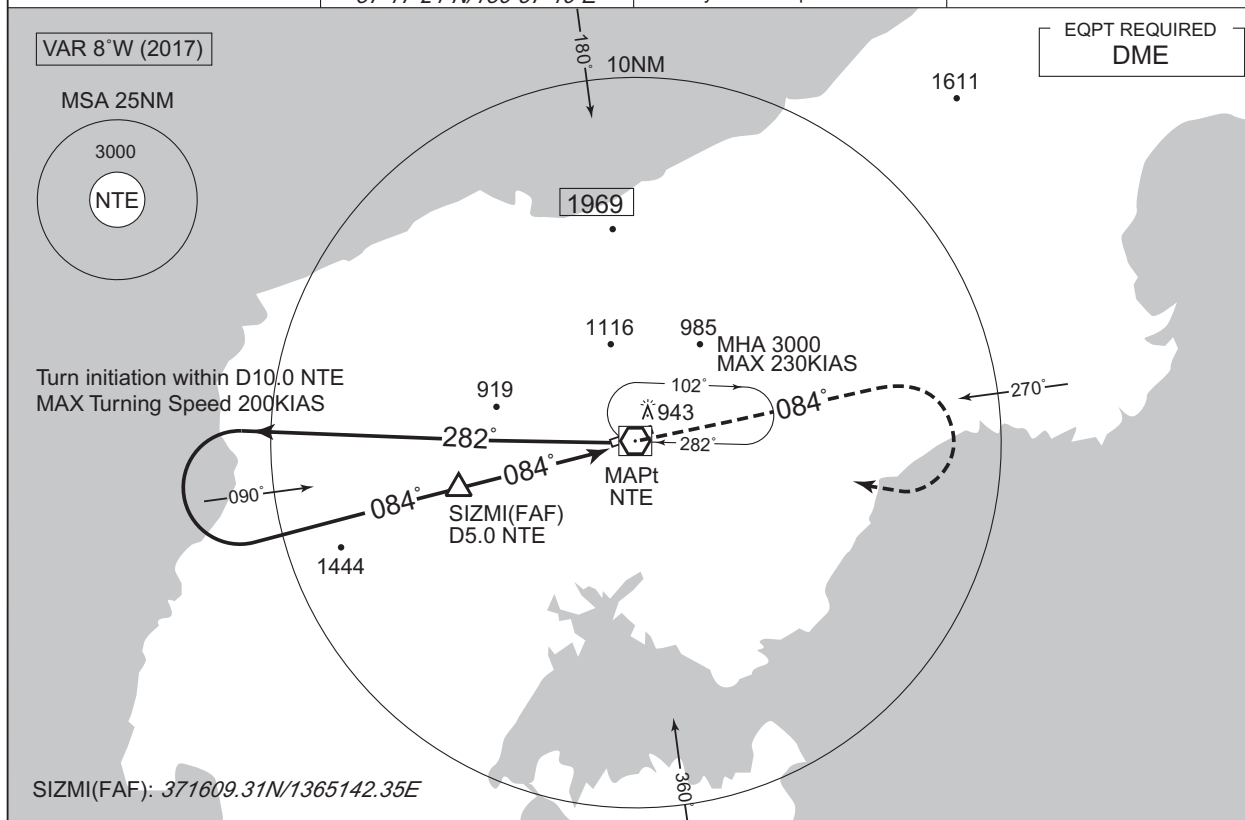
INSTRUMENT APPROACH CHART



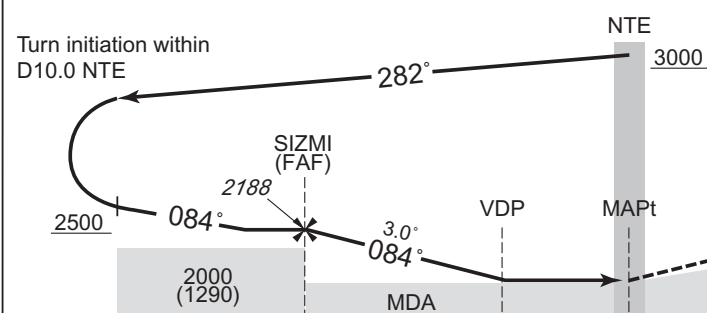
RJNW / NOTO

VOR RWY07

TOKYO CONTROL 132.45 – 125.6 304.4 – 317.1	NOTO VOR/DME 111.45 NTE CH-51Y $\overline{\text{F}}$ <i>37°17'24"N/136°57'46"E</i>	NOTO RADIO 118.05 AFIS provided by Osaka Airport Office	NO RADAR
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NM to NTE	FAF	4	3	2	MAPt
ALT (3.0° APCH Path)	2188	1870	1552	1233	—



MISSED APPROACH
Climb to 3000FT via NTE R084,
turn right, direct to NTE VOR/DME
and hold.
Contact NOTO RADIO.

No turn before MAPt.
Timing not authorized for defining the MAPt.

DME to NTE	5.0	1.7	0.5
NM to THR	4.5	1.2	0

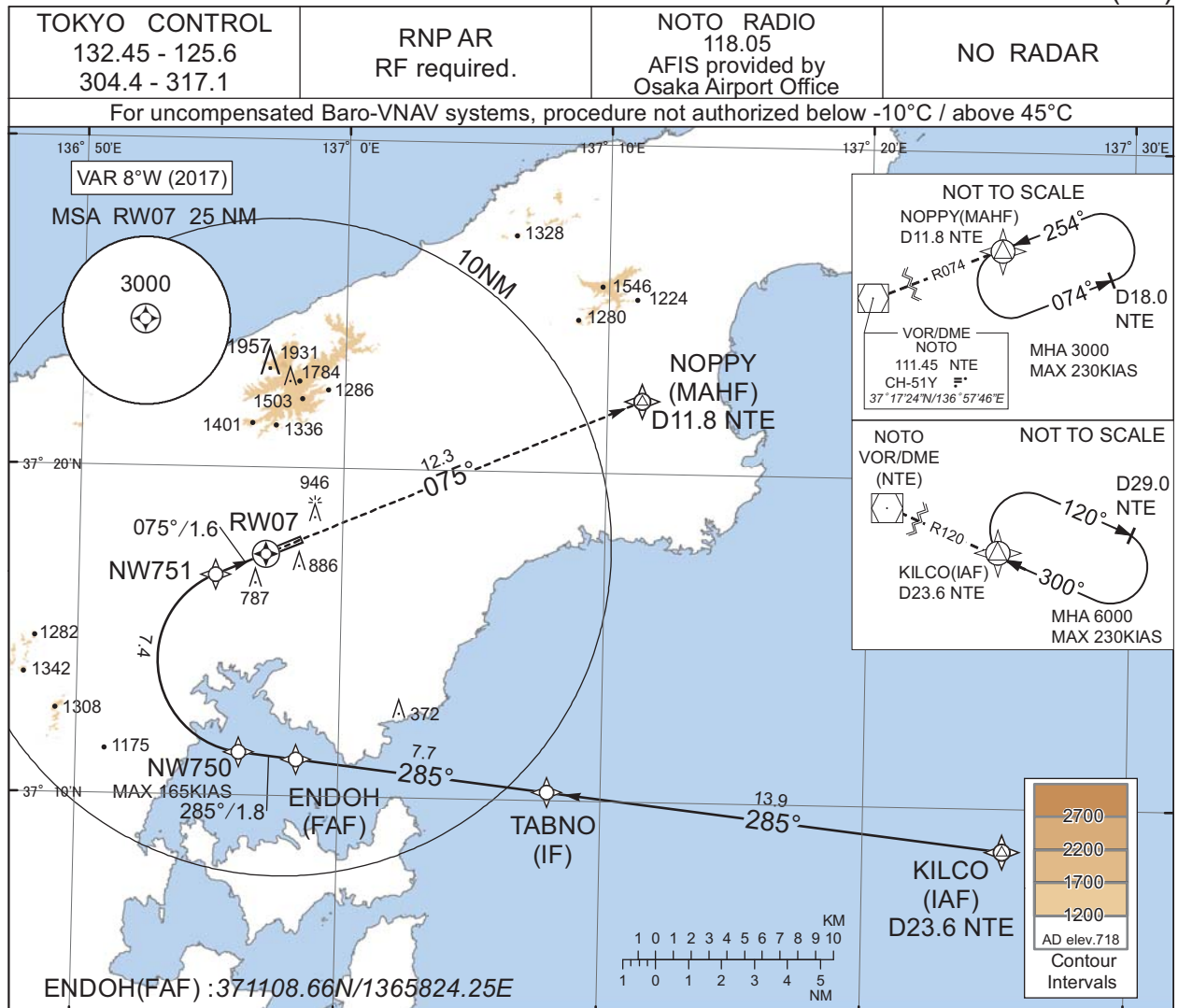
MINIMA		THR elev. 710	AD elev. 718	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	1140 (430)	1200	1260 (542)	1600
B		1300		
C		1400	1280 (562)	2400
D		1600	1420 (702)	3200

CHANGE : Secondary FREQ abolished(NOTO RADIO).

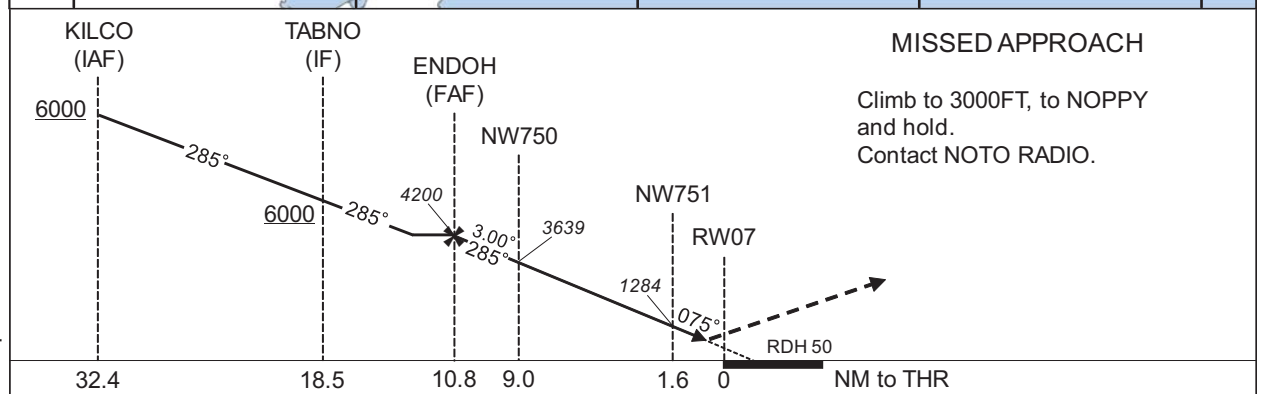
INSTRUMENT APPROACH CHART

RJNW / NOTO

RNP Z RWY07(AR)



CHANGE : PROC renamed. Requirement for RNP.



Missed APCH climb gradient MNM 3.2%

MINIMA	THR elev. 710	AD elev. 718
CAT	RNP 0.30	
	DA(H)	CMV
A	-	-
B	-	-
C	1010(300)	1400
D	1010(300)	1600

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

Authorization Required

INSTRUMENT APPROACH CHART

RJNW / NOTO

RNP Z RWY07(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	KILCO	-	-	-8.3	-	-	+6000	-	-	-
002	TF	TABNO	-	285 (276.6)	-8.3	13.9	-	+6000	-	-	1.0
003	TF	ENDOH	-	285 (276.4)	-8.3	7.7	-	4200	-	-	1.0
004	TF	NW750	-	285 (276.3)	-8.3	1.8	-	3639	-165	-3.00	0.3
005	RF Center: NWRF1 r=2.82NM	NW751	-	-	-8.3	7.4	R	1284	-	-3.00	0.3
006	TF	RW07	Y	075 (066.6)	-8.3	1.6	-	760	-	-3.00/50	0.3
007	TF	NOPPY	-	075 (066.7)	-8.3	12.3	-	3000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KILCO	370843.05N / 1372519.77E	NWRF1	371408.38N / 1365636.03E
TABNO	371017.61N / 1370758.59E		
ENDOH	371108.66N / 1365824.25E		
NW750	371120.22N / 1365612.92E		
NW751	371643.80N / 1365512.45E		
RW07	371722.92N / 1365706.38E		
NOPPY	372214.69N / 1371120.01E		

CHANGE : PROC renamed.

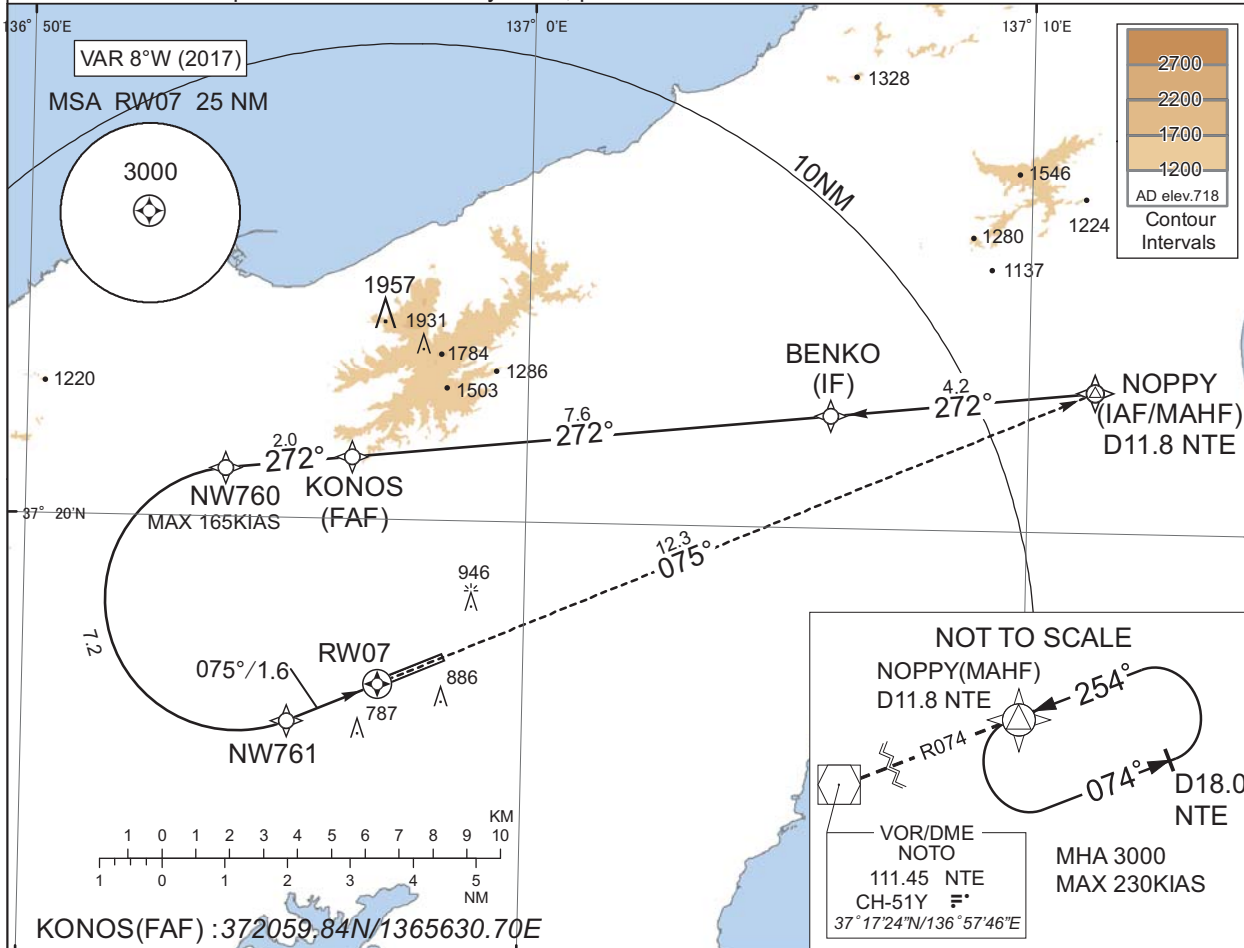
INSTRUMENT APPROACH CHART

RJNW / NOTO

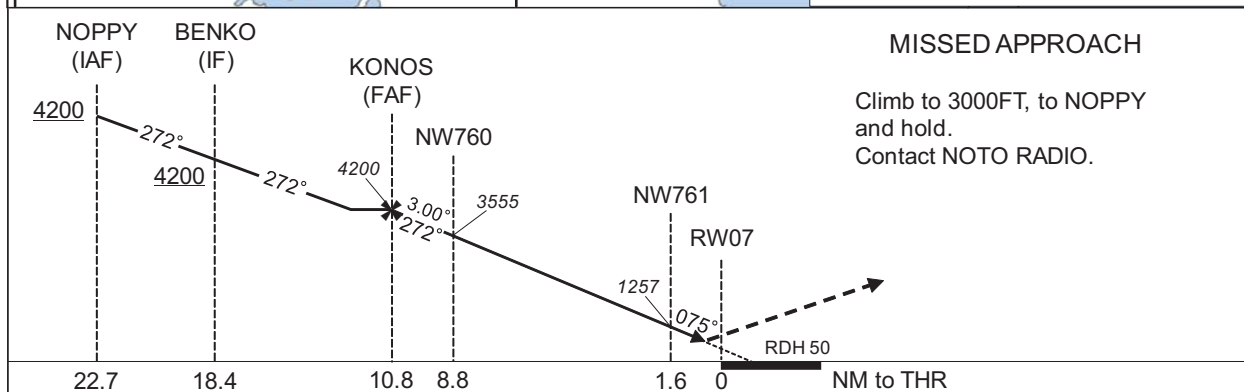
RNP Y RWY07(AR)

TOKYO CONTROL 132.45 - 125.6 304.4 - 317.1	RNP AR RF required.	NOTO RADIO 118.05 AFIS provided by Osaka Airport Office	NO RADAR
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For uncompensated Baro-VNAV systems, procedure not authorized below -10°C / above 45°C



CHANGE : PROC renamed. Requirement for RNP.



Missed APCH climb gradient MNM 3.2%

MINIMA	THR elev. 710	AD elev. 718
CAT	RNP 0.30	
	DA(H)	CMV
A	-	-
B	-	-
C	1010(300)	1400
D		1600

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

Authorization Required

INSTRUMENT APPROACH CHART

RJNW / NOTO

RNP Y RWY07(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	NOPPY	-	-	-8.3	-	-	+4200	-	-	-
002	TF	BENKO	-	272 (264.0)	-8.3	4.2	-	+4200	-	-	1.0
003	TF	KONOS	-	272 (264.0)	-8.3	7.6	-	4200	-	-	1.0
004	TF	NW760	-	272 (263.9)	-8.3	2.0	-	3555	-165	-3.00	0.3
005	RF Center: NWRF2 r=2.10NM	NW761	-	-	-8.3	7.2	L	1257	-	-3.00	0.3
006	TF	RW07	Y	075 (066.6)	-8.3	1.6	-	760	-	-3.00/50	0.3
007	TF	NOPPY	-	075 (066.7)	-8.3	12.3	-	3000	-	-	1.0

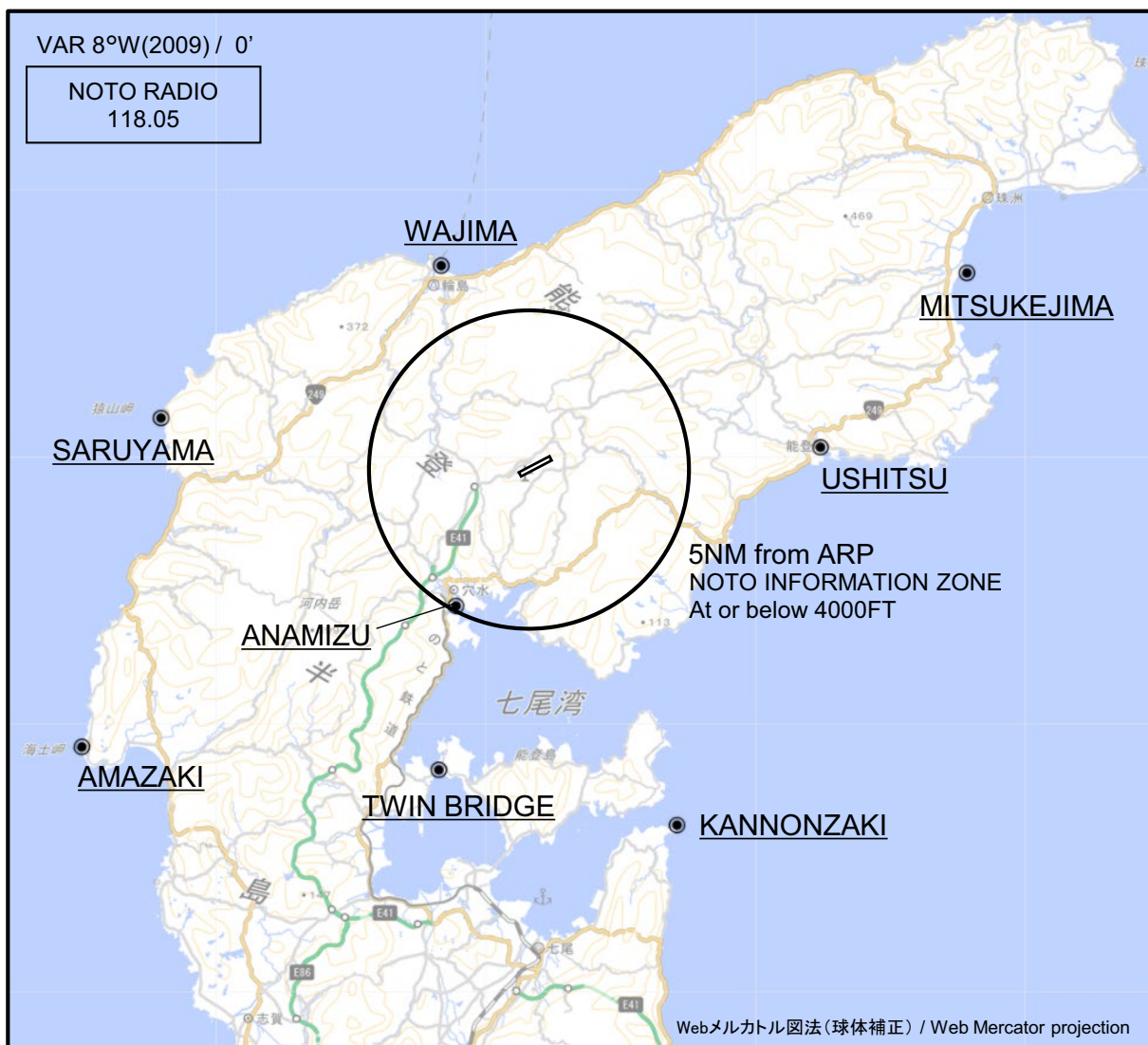
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
NOPPY	372214.69N / 1371120.01E	NWRF2	371841.62N / 1365416.12E
BENKO	372148.26N / 1370603.41E		
KONOS	372059.84N / 1365630.70E		
NW760	372046.91N / 1365359.30E		
NW761	371645.85N / 1365518.43E		
RW07	371722.92N / 1365706.38E		
NOPPY	372214.69N / 1371120.01E		

CHANGE : PROC renamed.

RJNW / NOTO

Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Secondary FREQ abolished.

Call sign	BRG / DIST from ARP	Remarks
見附島 Mitsukejima	066°T / 14.9NM	島 Island
宇出津 Ushitsu	085°T / 9.1NM	港 Harbor
観音崎 Kannonzaki	158°T / 12.0NM	岬 Cape
ツインブリッジ TwinBridge	197°T / 9.8NM	橋 Bridge
穴水 Anamizu	210°T / 4.6NM	港 Harbor
海士崎 Amazaki	238°T / 16.5NM	岬 Cape
猿山 Saruyama	278°T / 11.7NM	岬 Cape
輪島 Wajima	335°T / 7.0NM	港 Harbor

RJNW / NOTO

Minimum Vectoring Altitude CHART

