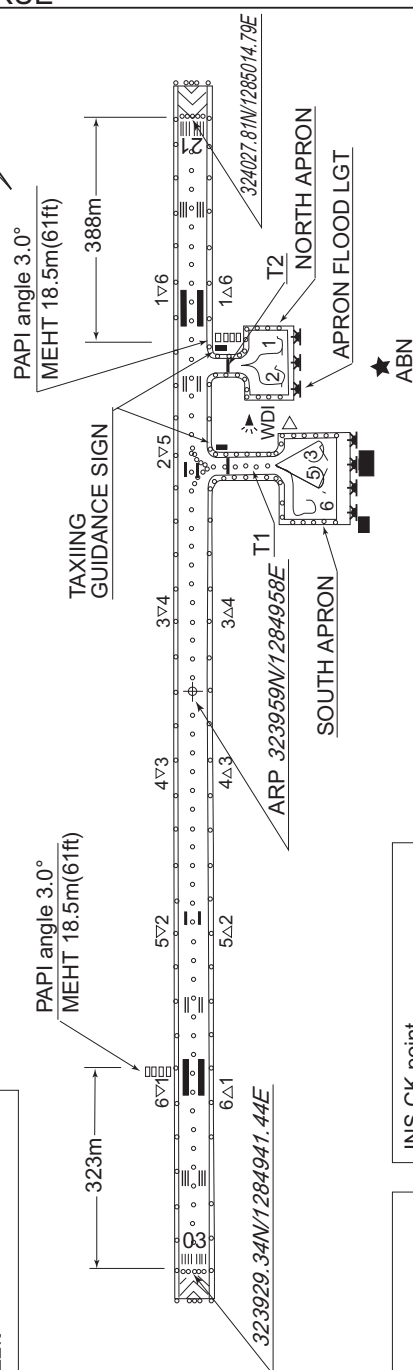


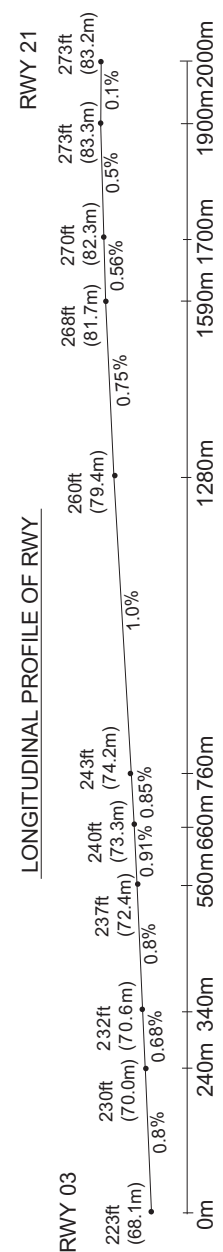
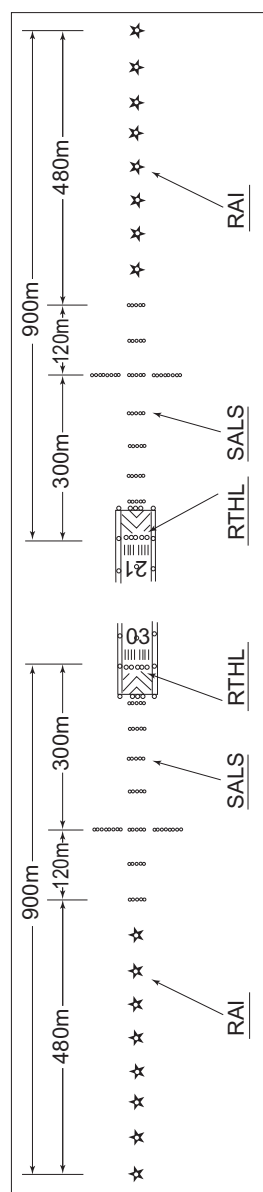
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FUKUE AP
ELEV. 251ft

VAR 7°W(2009)
Annual change 2.8°W

INS CK point

<p>WIDTH & STRENGTH OF TWY</p> <p>T1 23m</p> <p>T2 18m</p> <p>STRENGTH OF APRON</p> <p>SOUTH PCN 38/F/B/X/T</p> <p>NORTH PCN 14/F/C/Y/T</p>	<p>PCN 45/F/C/X/T</p> <p>PCN 13/F/C/Y/T</p>
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AD CHART

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STANDARD DEPARTURE CHART - INSTRUMENT

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SID

NAGASAKI FOUR DEPARTURE

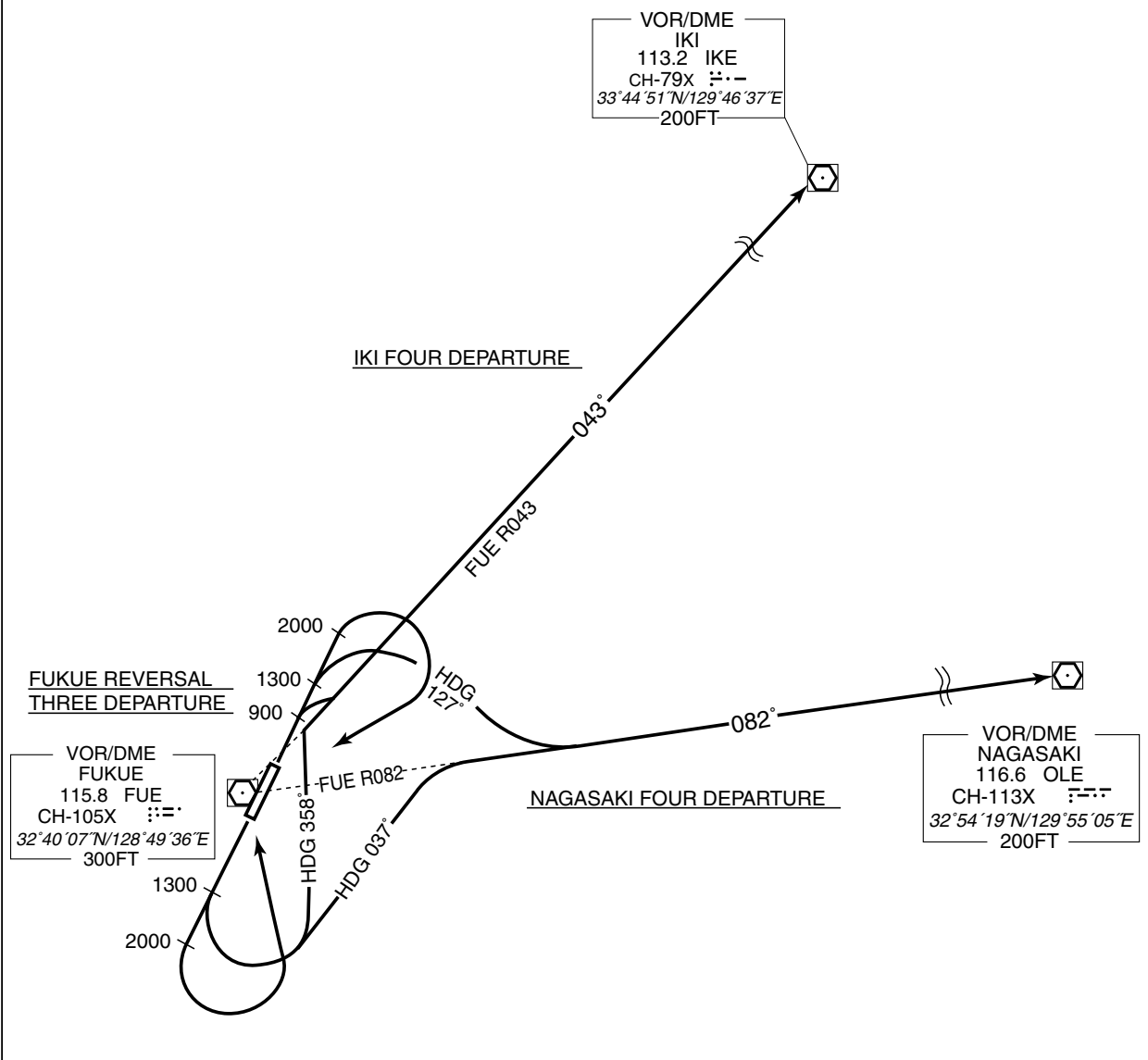
RWY 03 : Climb RWY HDG to 1300FT, turn right HDG127°,
RWY 21 : Climb RWY HDG to 1300FT, turn left HDG037°,
....to intercept and proceed via FUE R082 to OLE VOR/DME.

IKI FOUR DEPARTURE

RWY 03 : Climb RWY HDG to 900FT, turn right,
RWY 21 : Climb RWY HDG to 1300FT, turn left HDG358°,
....to intercept and proceed via FUE R043 to IKI VOR/DME.

FUKUE REVERSAL THREE DEPARTURE

RWY 03 : Climb RWY HDG to 2000FT, turn right,
RWY 21 : Climb RWY HDG to 2000FT, turn left,
....direct to FUE VOR/DME.



STANDARD DEPARTURE CHART - INSTRUMENT

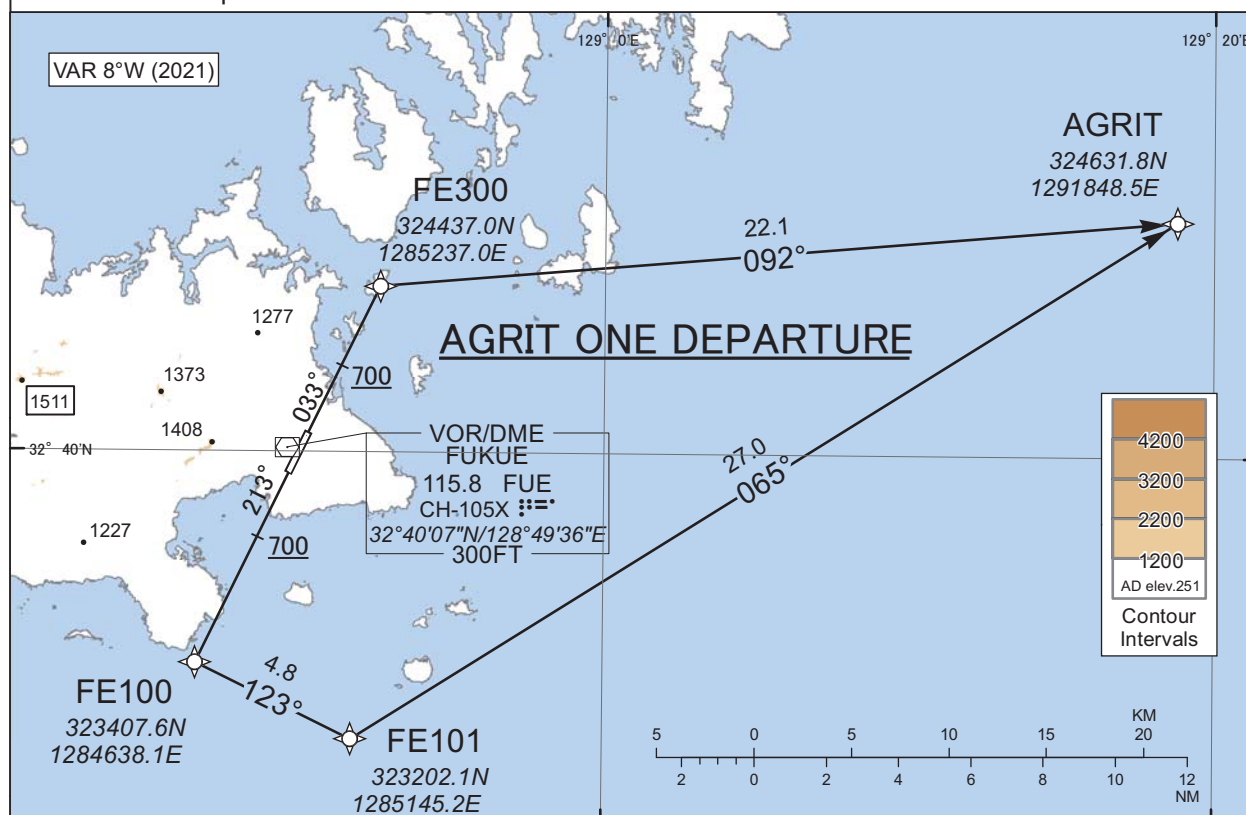
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RNAV SID

AGRIT ONE DEPARTURE

Basic RNP1

Note GNSS required.



AGRIT ONE DEPARTURE

RWY03 : Climb on HDG033° at or above 700FT, direct to FE300, to AGRIT.

RWY21 : Climb on HDG213° at or above 700FT, direct to FE100, to FE101, to AGRIT.

RWY03

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	-	-	033 (025.6)	-7.5	-	-	+700	-	-	Basic RNP1
002	DF	FE300	-	-	-7.5	-	-	-	-	-	Basic RNP1
003	TF	AGRIT	-	092 (084.9)	-7.5	22.1	-	-	-	-	Basic RNP1

RWY21

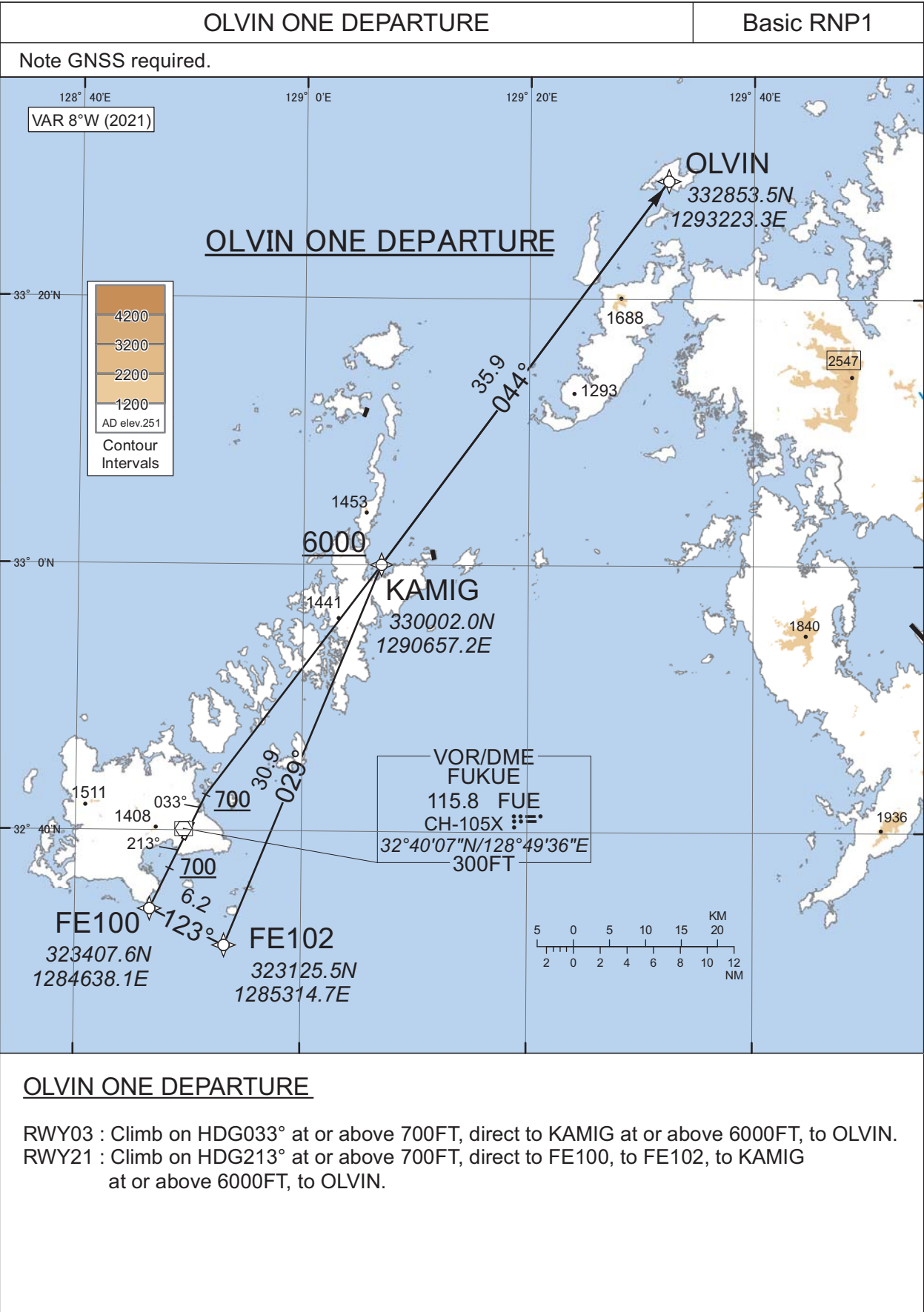
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	213 (205.7)	-7.5	-	-	+700	-	-	Basic RNP1
002	DF	FE100	-	-	-7.5	-	-	-	-	-	Basic RNP1
003	TF	FE101	-	123 (115.8)	-7.5	4.8	-	-	-	-	Basic RNP1
004	TF	AGRIT	-	065 (057.4)	-7.5	27.0	-	-	-	-	Basic RNP1

CHANGE : New PROC.

STANDARD DEPARTURE CHART - INSTRUMENT

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RNAV SID



CHANGE : New PROC.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

RNAV SID

OLVIN ONE DEPARTURE

RWY03

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	-	-	033 (025.6)	-7.5	-	-	+700	-	-	Basic RNP1
002	DF	KAMIG	-	-	-7.5	-	-	+6000	-	-	Basic RNP1
003	TF	OLVIN	-	044 (036.3)	-7.5	35.9	-	-	-	-	Basic RNP1

RWY21

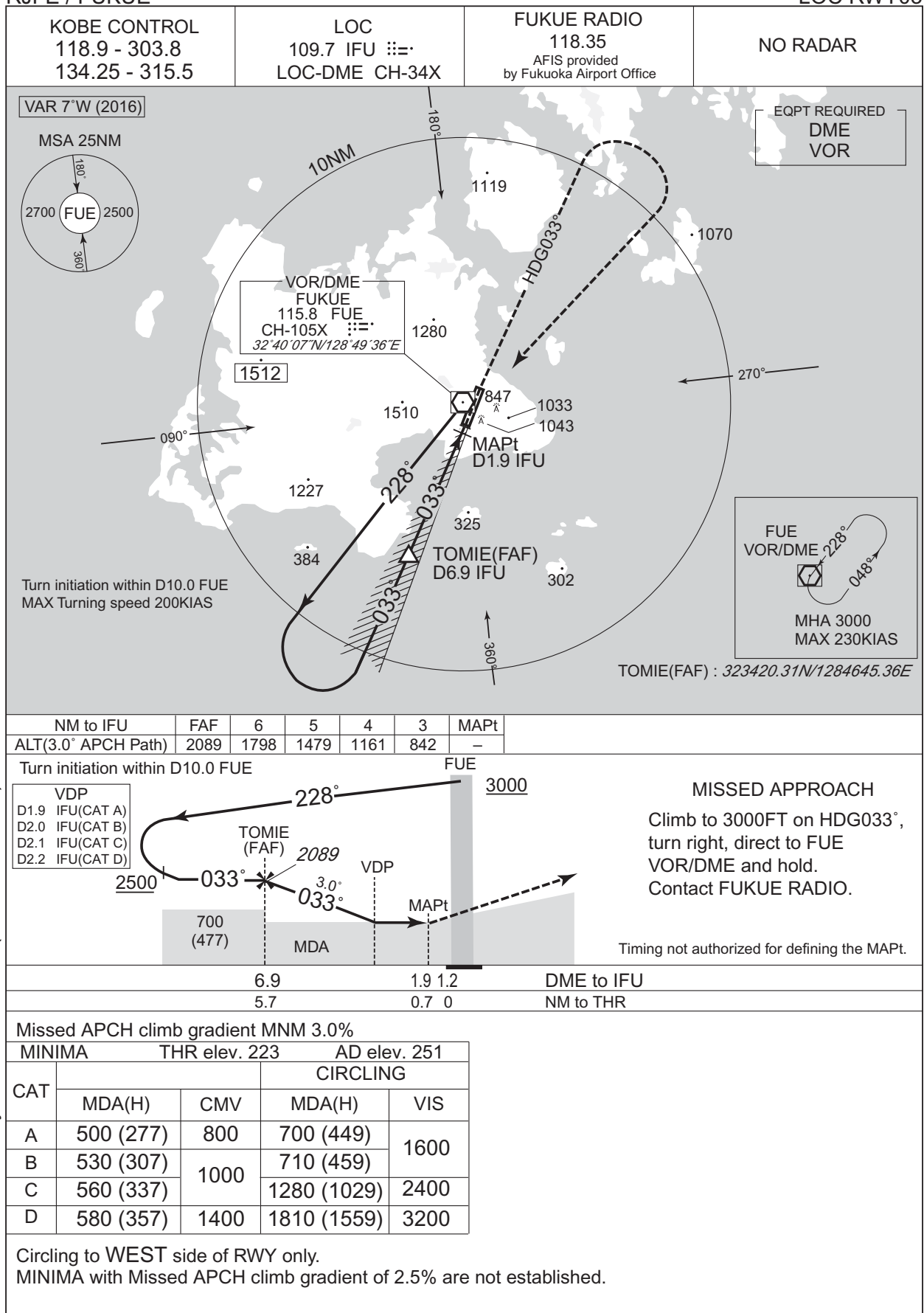
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	213 (205.7)	-7.5	-	-	+700	-	-	Basic RNP1
002	DF	FE100	-	-	-7.5	-	-	-	-	-	Basic RNP1
003	TF	FE102	-	123 (115.8)	-7.5	6.2	-	-	-	-	Basic RNP1
004	TF	KAMIG	-	029 (021.9)	-7.5	30.9	-	+6000	-	-	Basic RNP1
005	TF	OLVIN	-	044 (036.3)	-7.5	35.9	-	-	-	-	Basic RNP1

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJFE / FUKUE

LOC RWY03



CHANGE : Secondary FREQ abolished(FUKUE RADIO).

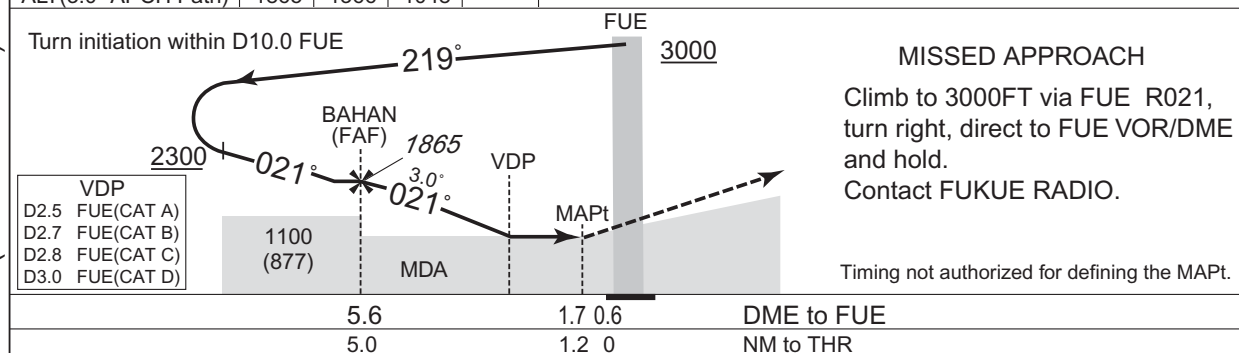
INSTRUMENT APPROACH CHART

RJFE / FUKUE

VOR RWY03



NM to FUE	FAF	5	4	MAPt
ALT(3.0° APCH Path)	1865	1366	1048	—



Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev. 223	AD elev. 251	CIRCLING	
CAT	MDA(H)	CMV	MDA(H)	VIS
A	880 (657)	1200	880 (629)	1600
B	920 (697)	1400	920 (669)	
C	970 (747)		1280 (1029)	2400
D	1010 (787)	1800	1810 (1559)	3200

Circling to WEST side of RWY only.

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

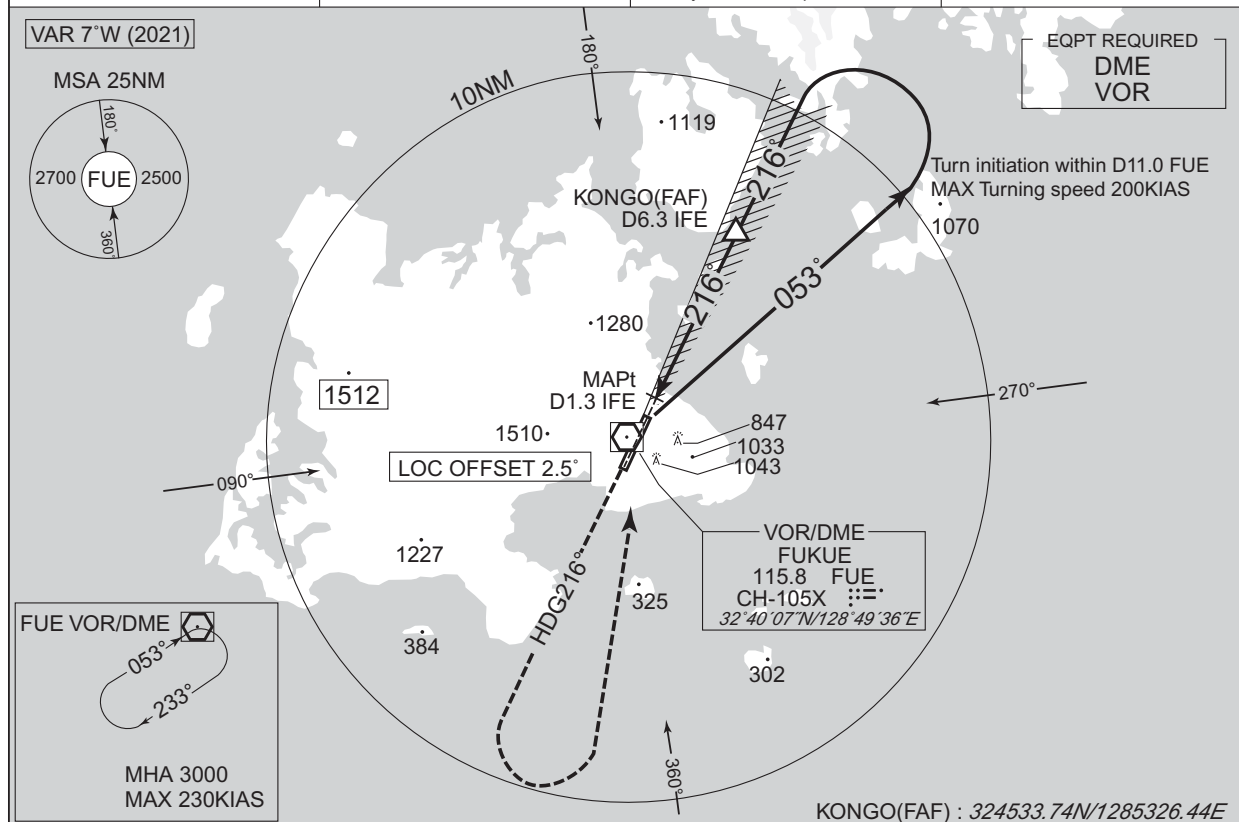
INSTRUMENT APPROACH CHART



RJFE / FUKUE

LOC Y RWY21

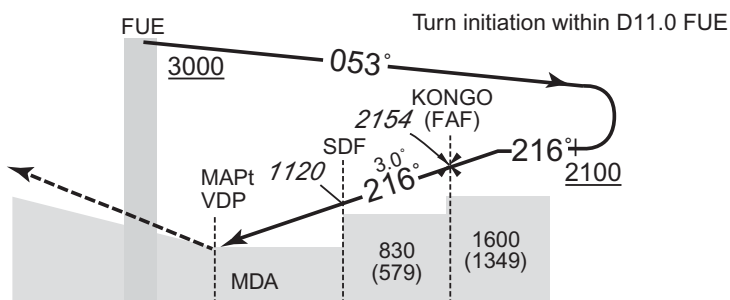
KOBE CONTROL 118.9 - 303.8 134.25 - 315.5	LOC 110.1 IFE 303.8 LOC-DME CH-38X	FUKUE RADIO 118.35 AFIS provided by Fukuoka Airport Office	NO RADAR
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NM to IFE	MAPt	2	3	4	5	6	FAF
ALT(3.0° APCH Path)	—	801	1120	1438	1756	2075	2154

Climb to 2000FT on HDG216°,
turn left, direct to FUE
VOR/DME and hold
at 3000FT.
Contact FUKUE RADIO.

Timing not authorized for defining the MAPt.



DME to IFE	0.5	1.3	3.0	6.3
NM to THR	0	0.8	2.5	5.8

Missed APCH climb gradient MNM 3.0%

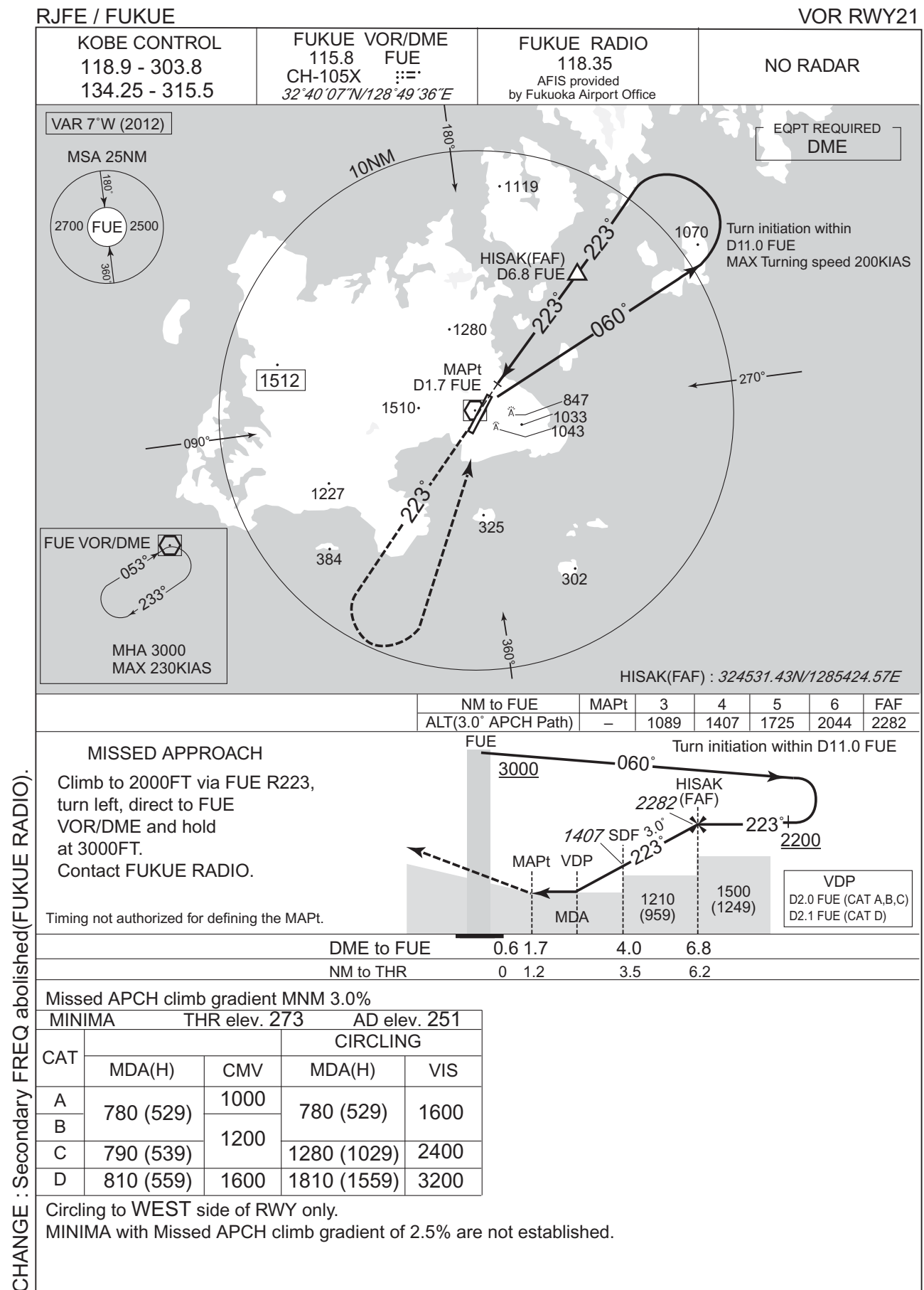
MINIMA		THR elev. 273	AD elev. 251	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	570 (319)	900	700 (449)	1600
B		1000	710 (459)	
C			1280 (1029)	2400
D		1400	1810 (1559)	3200

Circling to **WEST** side of RWY only.

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

CHANGE : VAR. PROC course. MISSED APPROACH course.

INSTRUMENT APPROACH CHART



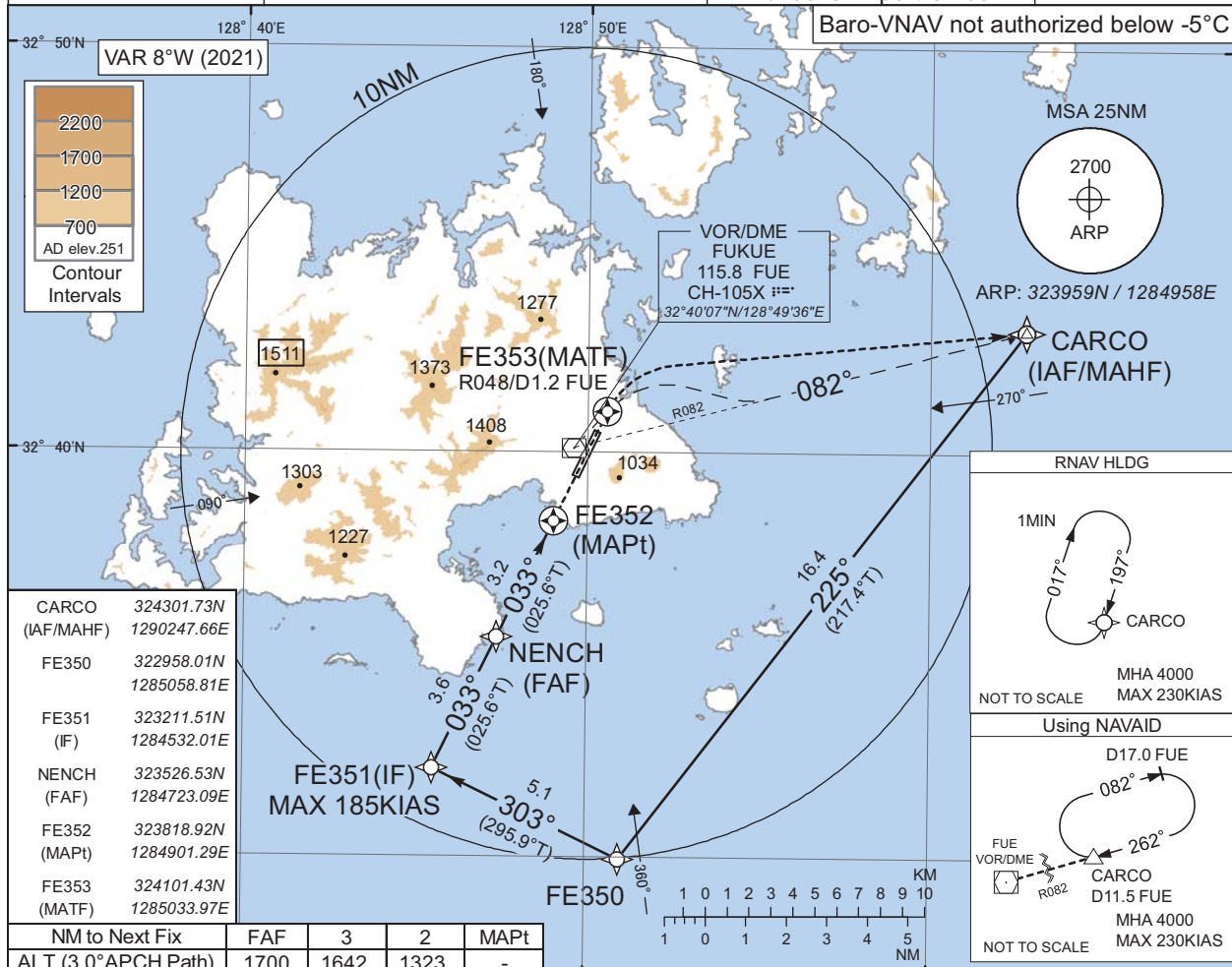
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INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY03

KOBE CONTROL 118.9 - 303.8 134.25 - 315.5	RNP APCH	FUKUE RADIO 118.35 AFIS provided by Fukuoka Airport Office	NO RADAR
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CARCO
(IAF)

FE350

FE351 (IF)

NENCH
(FAF)

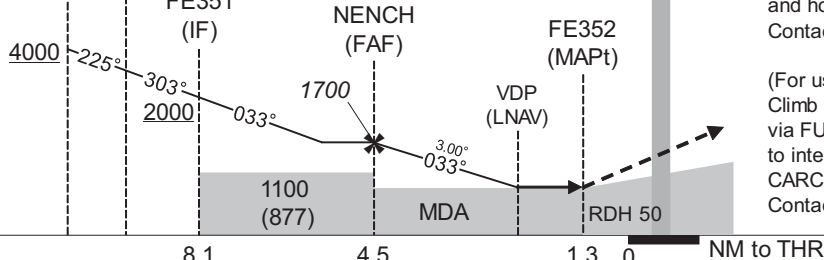
FE352 (MAPt)

FUE

MISSED APPROACH

Direct to FE353, turn right direct to CARCO and hold at 4000FT.
Contact FUKUE RADIO.

(For using VOR/DME)
Climb to 4000FT, direct to FUE VOR/DME, via FUE R048 to FUE 1.2DME, turn right to intercept and proceed via FUE R082 to CARCO and hold at 4000FT.
Contact FUKUE RADIO.



Missed APCH climb gradient MNM 5.0%

CAT	THR elev. 223		AD elev. 251			
	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	1010(787)	1200	1010(787)	1200	1010(759)	1600
B		1400		1400		
C	1050(827)	1800	1050(827)	1800	1280(1029)	2400
D	1090(867)		1090(867)		1810(1559)	3200

Circling to WEST side of RWY only.

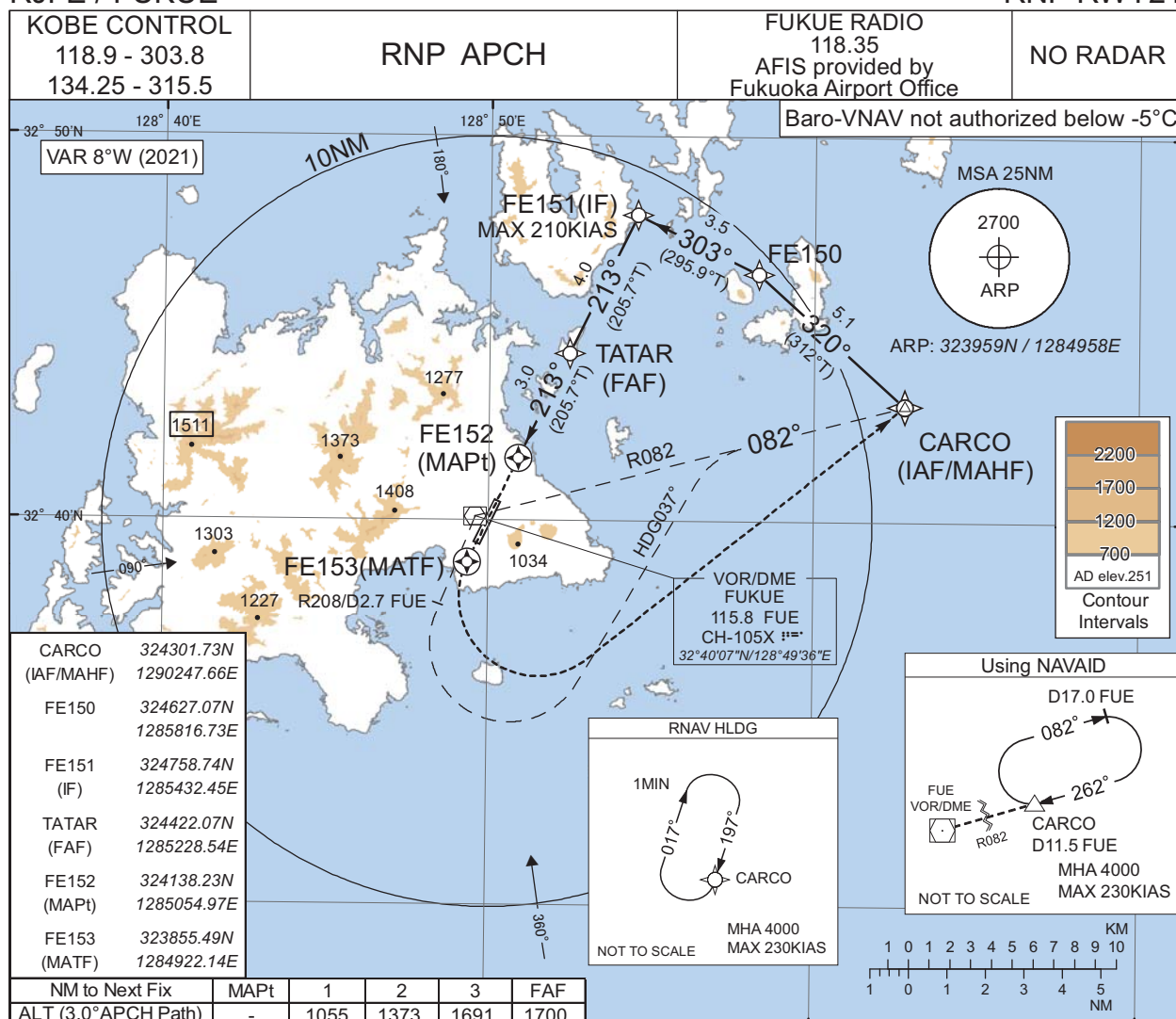
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : PROC renamed. Requirement for RNP.

INSTRUMENT APPROACH CHART

RJFE / FUKUE

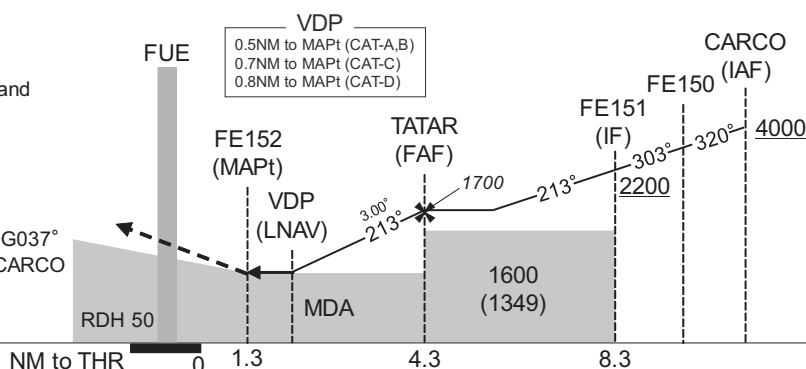
RNP RWY21



MISSED APPROACH

Direct to FE153, turn left direct to CARCO and hold at 4000FT.
Contact FUKUE RADIO.

(For using VOR/DME)
Climb to 4000FT, direct to FUE VOR/DME,
via FUE R208 to FUE 2.7DME, turn left HDG037°
to intercept and proceed via FUE R082 to CARCO
and hold.
Contact FUKUE RADIO.



Missed APCH climb gradient MNM 5.0%

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	880(607)	1000	880(629)	1000	880(629)	1600
B		1200		1200		
C	930(657)	1400	930(679)	1400	1280(1029)	2400
D	970(697)	1800	970(719)	1800	1810(1559)	3200

Circling to WEST side of RWY only.

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

CHANGE : PROC renamed. Requirement for RNP.

RJFE / FUKUE

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.

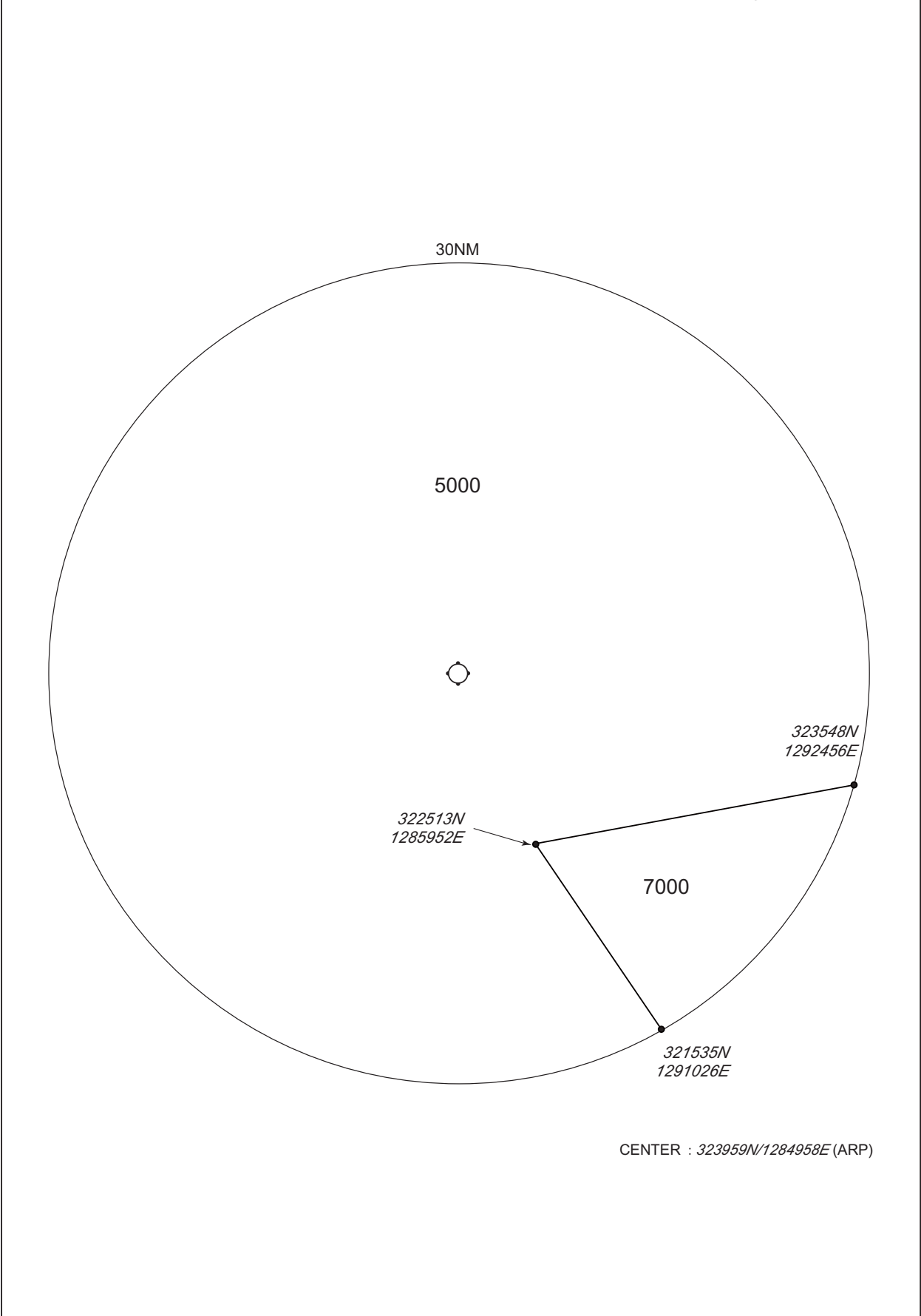
Call sign	BRG / DIST from ARP	Remarks
奈留島 Narushima	029°T / 10.8NM	浦港 Harbor
枇島 Kabashima	053°T / 10.2NM	島 Island
京ノ岳 Kyonodake	304°T / 10.1NM	レーダーサイト Radar site
蝶螺島 Sazaejima	055°T / 4.0NM	島 Island
二本楠 Nihongusu	275°T / 5.2NM	十字路 Intersection
富江港 Tomieko	230°T / 4.4NM	港 Harbor
大瀬崎 Osezaki	255°T / 12.2NM	灯台 Lighthouse
黒島 Kuroshima	179°T / 4.0NM	島 Island
黄島 Oshima	151°T / 6.9NM	島 Island



RJFE / FUKUE

Minimum Vectoring Altitude CHART

CHANGE : Shape of segment.



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