

AD CHART

LONGITUDINAL PROFILE OF RWY

Distance (m)	Distance (ft)	Elevation (m)	Elevation (ft)	Slope (%)
0	0	233	70.9	0.8%
100	328	230	70.0	0.68%
200	656	237	72.4	0.8%
300	984	240	73.3	0.91%
400	1312	243	74.2	0.85%
500	1640	260	79.4	1.0%
600	1968	268	81.7	0.75%
700	2296	270	82.3	0.56%
800	2624	273	83.2	0.5%
900	2952	273	83.2	0.1%

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STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

SID

NAGASAKI FIVE DEPARTURE

RWY 03 : Climb RWY HDG to 1300FT, turn right HDG128°...
RWY 21 : Climb RWY HDG to 1300FT, turn left HDG038°...
...to intercept and proceed via FUE R083/OLE R263 to OLE VOR/DME.

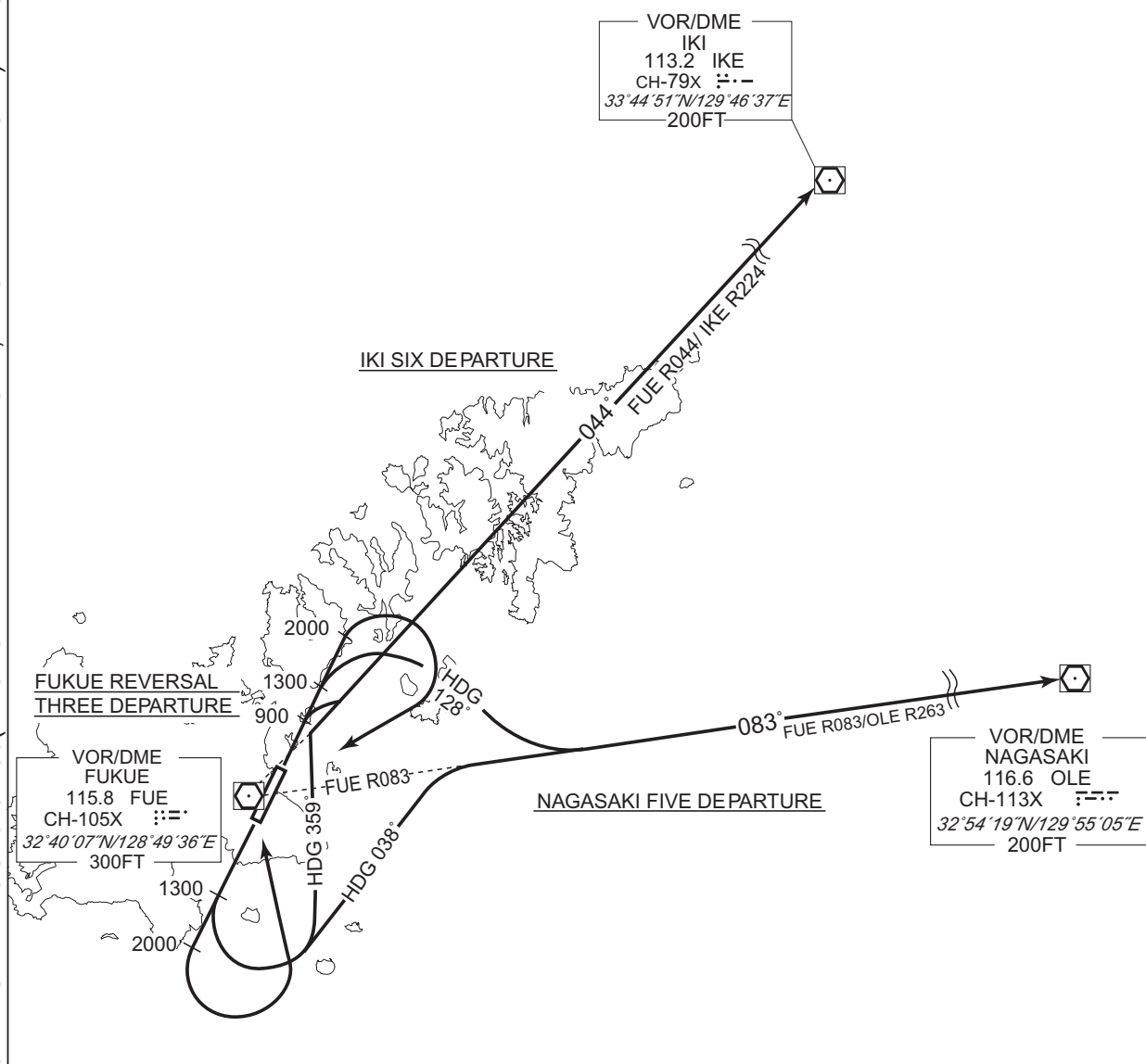
IKI SIX DEPARTURE

RWY 03 : Climb RWY HDG to 900FT, turn right...
RWY 21 : Climb RWY HDG to 1300FT, turn left HDG359°...
...to intercept and proceed via FUE R044/IKE R224 to IKE 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.

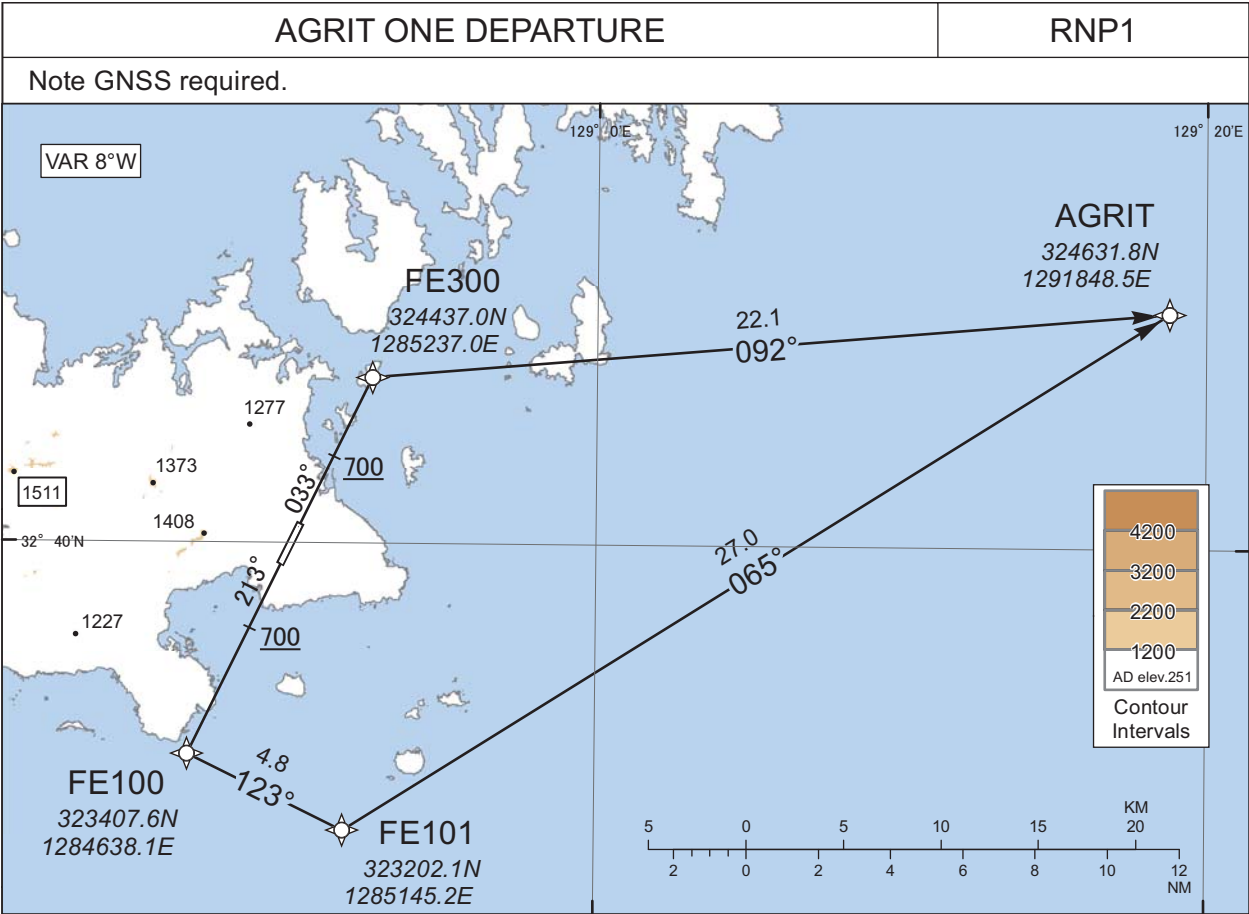
CHANGE : PROC renamed(NAGASAKI FIVE DEPARTURE, IKI SIX DEPARTURE). PROC course.



STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

RNAV SID



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

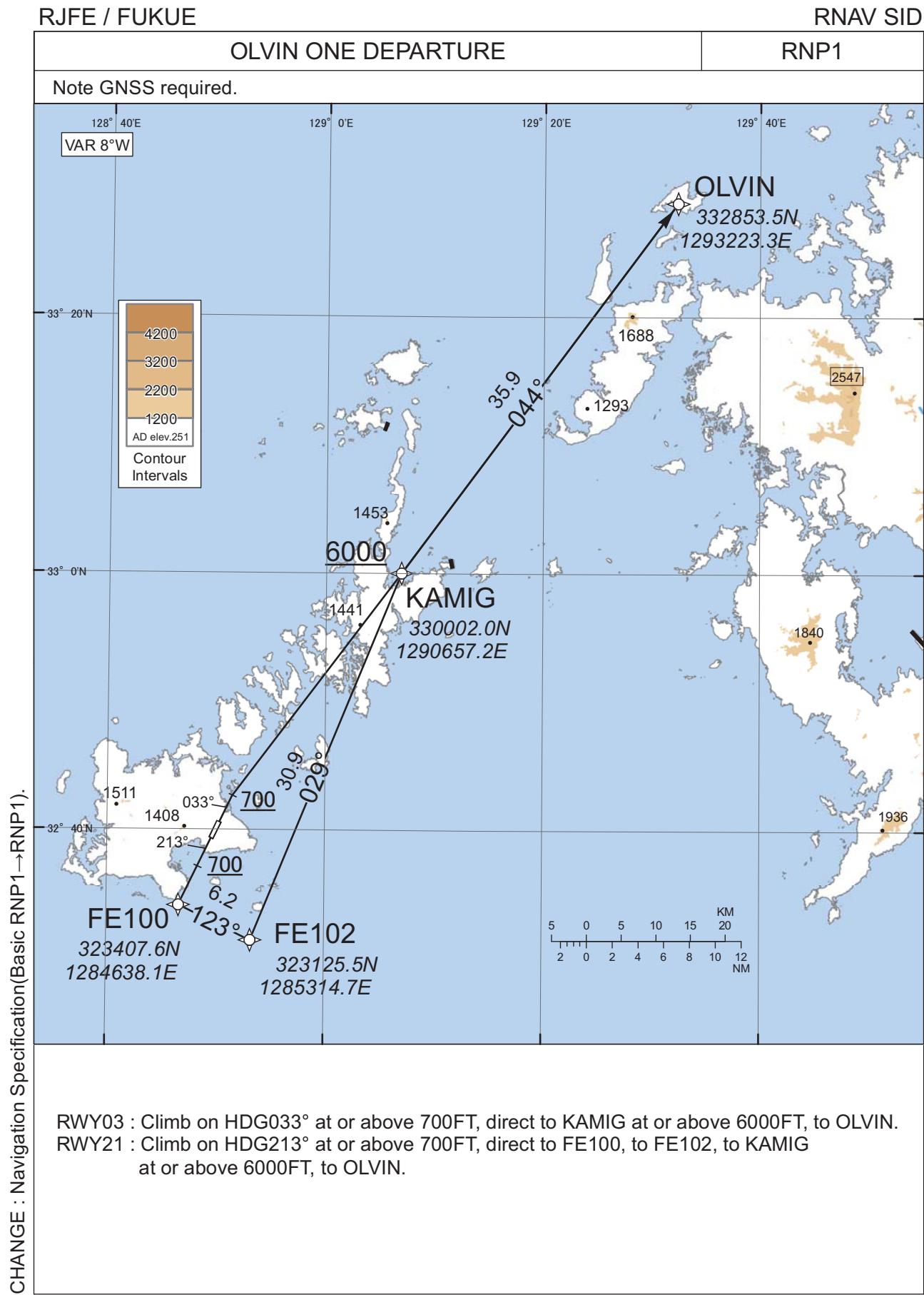
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	033 (025.6)	-7.5	-	-	+700	-	-	RNP1
002	DF	FE300	-	-	-7.5	-	-	-	-	-	RNP1
003	TF	AGRIT	-	092 (084.9)	-7.5	22.1	-	-	-	-	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	-	-	RNP1
002	DF	FE100	-	-	-7.5	-	-	-	-	-	RNP1
003	TF	FE101	-	123 (115.8)	-7.5	4.8	-	-	-	-	RNP1
004	TF	AGRIT	-	065 (057.4)	-7.5	27.0	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1→RNP1).

STANDARD DEPARTURE CHART - INSTRUMENT



Civil Aviation Bureau,Japan (EFF:21 MAR 2024)

22/2/24

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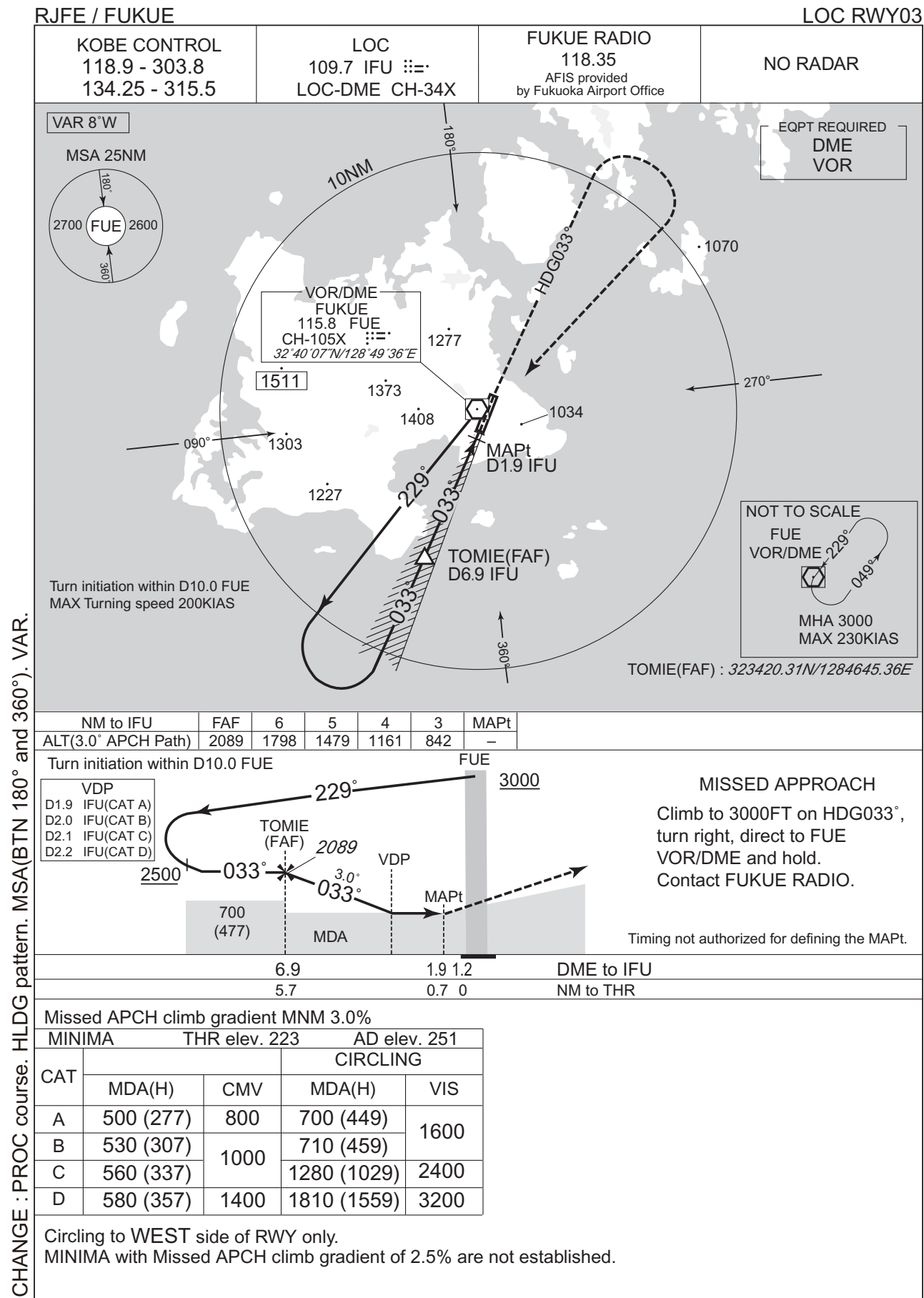
OLVIN ONE DEPARTURE

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

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	-	-	RNP1
002	DF	FE100	-	-	-7.5	-	-	-	-	-	RNP1
003	TF	FE102	-	123 (115.8)	-7.5	6.2	-	-	-	-	RNP1
004	TF	KAMIG	-	029 (021.9)	-7.5	30.9	-	+6000	-	-	RNP1
005	TF	OLVIN	-	044 (036.3)	-7.5	35.9	-	-	-	-	RNP1

Civil Aviation Bureau, Japan (EFF:21 MAR 2024)

INSTRUMENT APPROACH CHART



RJFE / FUKUE

KOBE CONTROL
118.9 - 303.8
134.25 - 315.5

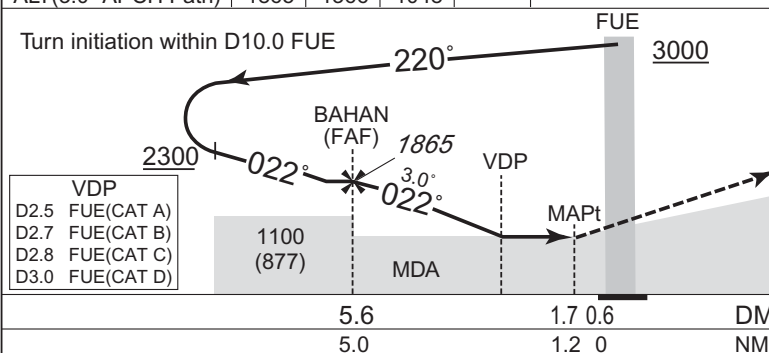
FUKUE VOR/DME
115.8 FUE
CH-105X ::=
32°40'07"N/128°49'36"E

FUKUE RADIO
118.35
AFIS provided
by Fukuoka Airport Office

NO RADAR



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



MISSED APPROACH
Climb to 3000FT via FUE R022,
turn right, direct to FUE VOR/DME
and hold.
Contact FUKUE RADIO.

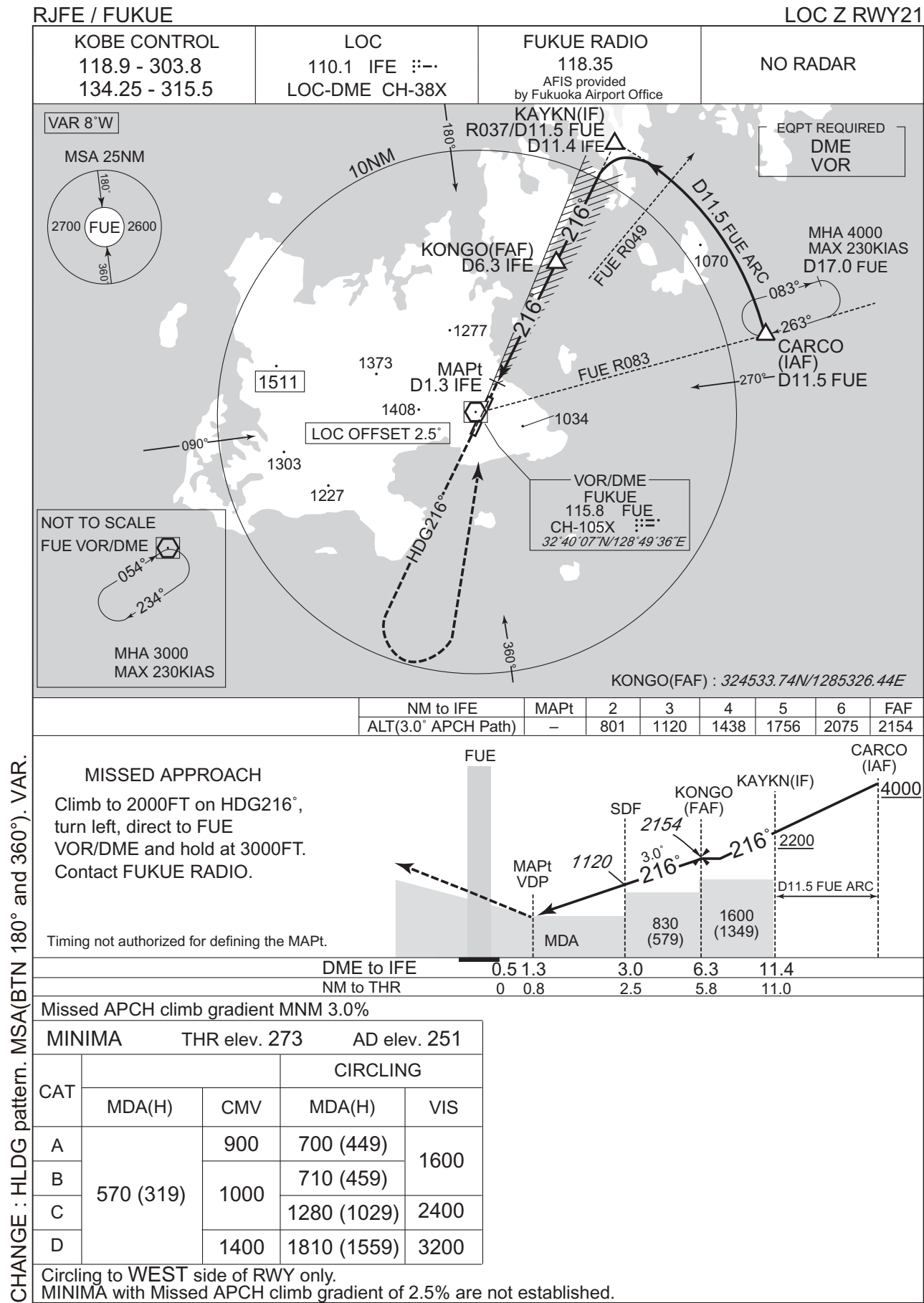
Timing not authorized for defining the MAPt.

Missed APCH climb gradient MNM 5.0%				
MINIMA		THR elev. 223	AD elev. 251	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	880 (657)	1200	880 (629)	1600
B	920 (697)	1400	920 (669)	
C	970 (747)		1280 (1029)	
D	1010 (787)	1800	1810 (1559)	3200

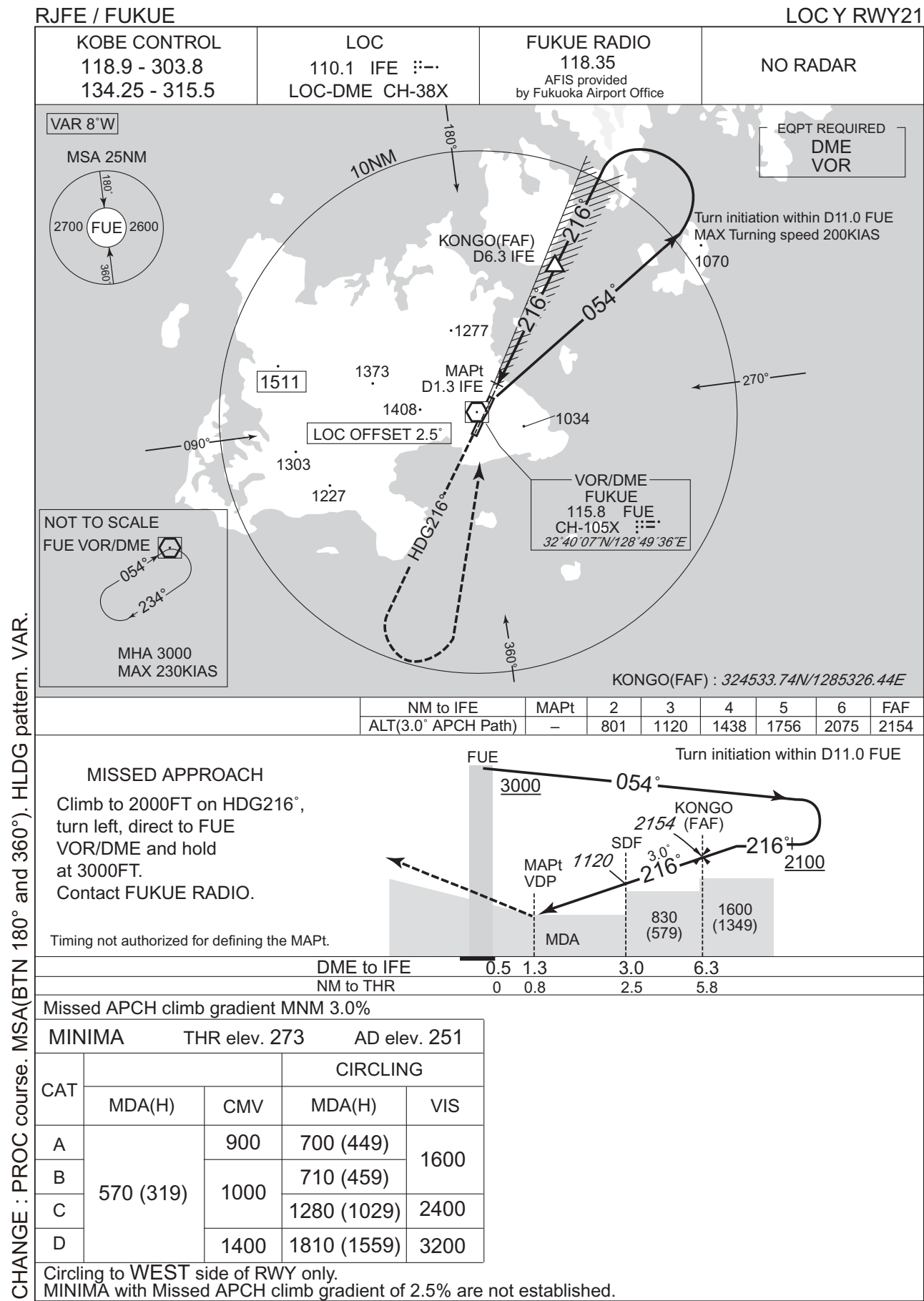
Circling to WEST side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : PROC course. HLDG pattern. Missed APCH course. MSA(BTN 180° and 360°). VAR.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



CHANGE : PROC course. MSA(BTN 180° and 360°). HLDG pattern. VAR.

CHANGE: PROC course. HLDG pattern. Missed APCH course. MSA(BTN 180° and 360°). VAR.

VOR RWY21

VAR 8°W

MSA 25NM

2700 **FUE** 2600

180°
360°

**EQPT REQUIRED
DME**

HISAK(FAF)
D6.8 FUE

•1277

MAPt
D1.7 FUE

1511

1373

1408

1034

1070

Turn initiation within
D11.0 FUE
MAX Turning speed 200KIAS

270°

224°

061°

224°

224°

090°

1303

1227

360°

NOT TO SCALE
FUE VOR/DME

054°

234°

MHA 3000
MAX 230KIAS

HISAK(FAF) : 324531.43N/1285424.57E

MISSED APPROACH

Climb to 2000FT via FUE R224,
turn left, direct to FUE
VOR/DME and hold
at 3000FT.
Contact FUKUE RADIO.

Timing not authorized for defining the MAPt.

Diagram illustrating the missed approach procedure for FUE R224:

- Turn initiation within D11.0 FUE
- 061°
- 3000
- HISAK
- 2282 (FAF)
- 224°
- 2200
- 1407 SDF 3.0°
- 224°
- MAPt
- VDP
- MDA
- 1210 (959)
- 1500 (1249)
- VDP
D2.0 FUE (CAT A,B,C)
D2.1 FUE (CAT D)

Missed APCH climb gradient MNM 3.0%				
MINIMA		THR elev. 273	AD elev. 251	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	780 (529)	1000	780 (529)	1600
B		1200		
C	790 (539)			1280 (1029)
D	810 (559)	1600	1810 (1559)	3200

Circling to WEST side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

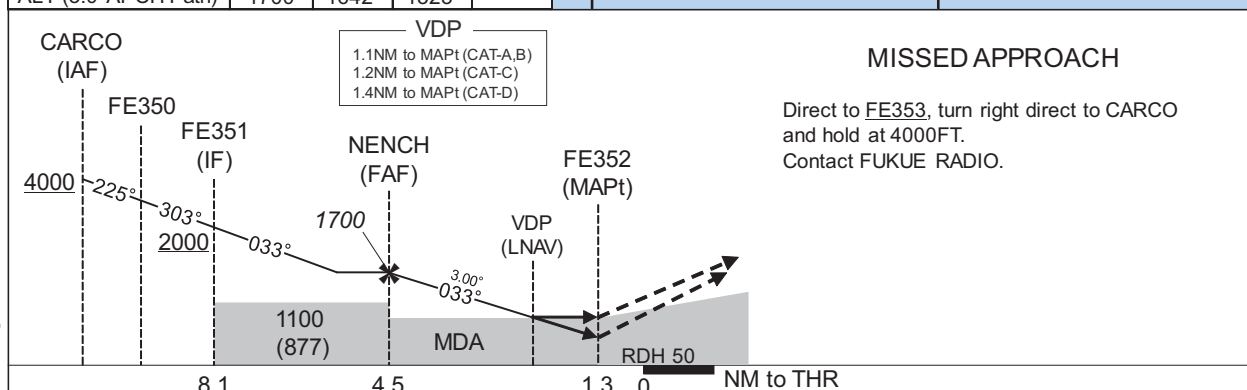
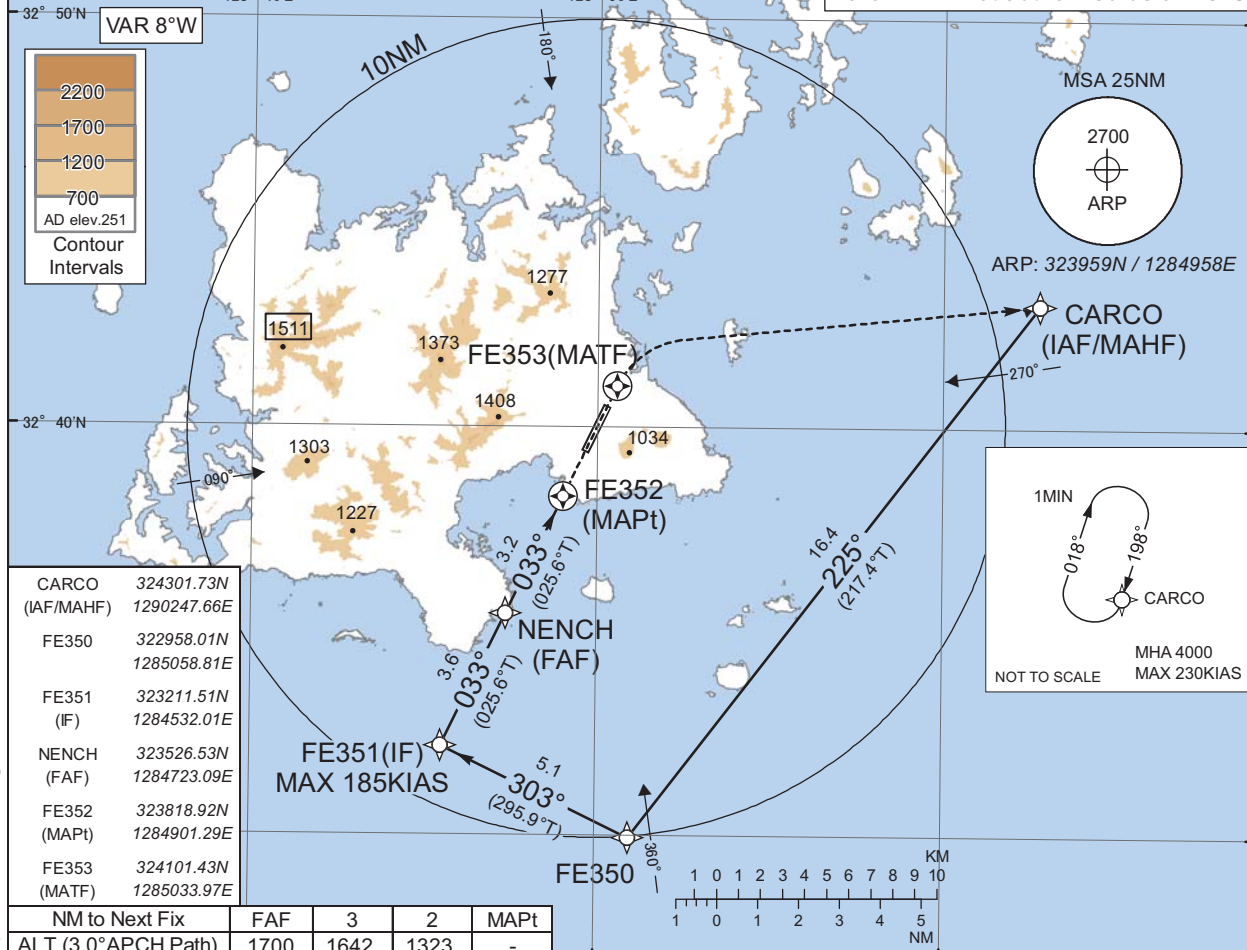
INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY03

KOBE CONTROL 118.9 - 303.8 134.25 - 315.5	RNP APCH MSAS CH88033 M03A	FUKUE RADIO 118.35 AFIS provided by Fukuoka Airport Office	NO RADAR
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Baro-VNAV not authorized below -5°C



Missed APCH climb gradient MNM 5.0%

CAT	THR elev. 223		AD elev. 251		LNAV		CIRCLING	
	DA(H)	CMV	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	611(388)	900	1010(787)	1200	1010(787)	1200	1010(759)	1600
B	621(398)	1000	1050(827)	1400	1050(827)	1400	1280(1029)	2400
C	631(408)	1400	1090(867)	1800	1090(867)	1800	1810(1559)	3200
D	641(418)							

Circling to WEST side of RWY only.

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

CHANGE : Missed APCH for using VOR/DME abolished. HLDG pattern for using NAVAID abolished.

INSTRUMENT APPROACH CHART

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RNP RWY03

FAS DATA BLOCK

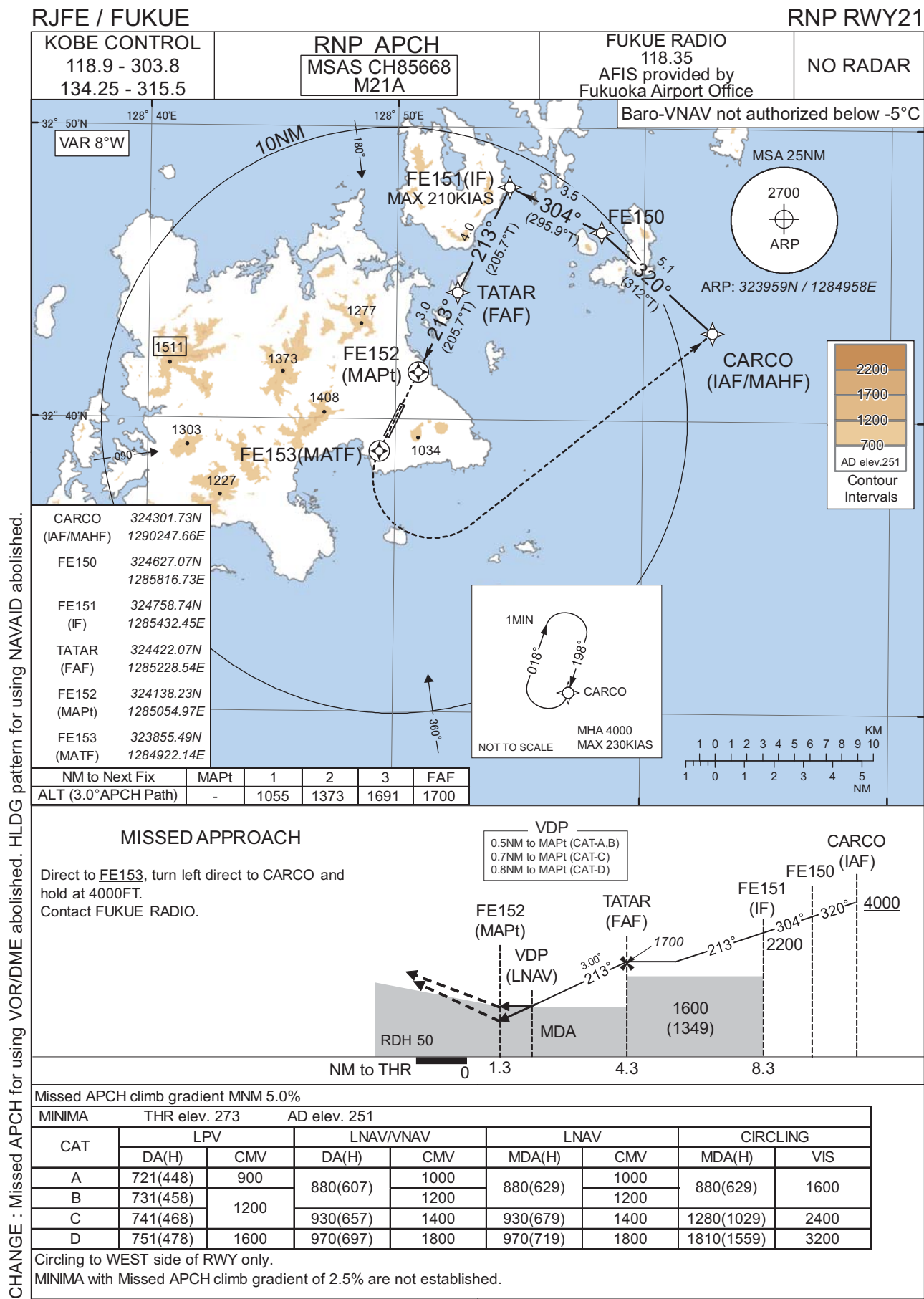
Operation type	0	LTP/FTP ellipsoidal height	+00987
SBAS service provider identifier	2	FPAP latitude	324027.7825N
Airport identifier	RJFE	FPAP longitude	1285014.8040E
Runway	03	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M03A	∠ length offset	0000
LTP/FTP latitude	323929.3105N	HAL	40.0
LTP/FTP longitude	1284941.4435E	VAL	50.0
CRC remainder	E0818BF5		

Required additional data

LTP/FTP orthometric height	67.7
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CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY21

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+01140
SBAS service provider identifier	2	FPAP latitude	323929.3105N
Airport identifier	RJFE	FPAP longitude	1284941.4435E
Runway	21	Threshold crossing height	00015.0
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M21A	∠ length offset	0000
LTP/FTP latitude	324027.7825N	HAL	40.0
LTP/FTP longitude	1285014.8040E	VAL	50.0
CRC remainder	7B7068FB		

Required additional data

LTP/FTP orthometric height	82.9
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CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

RJFE / FUKUE

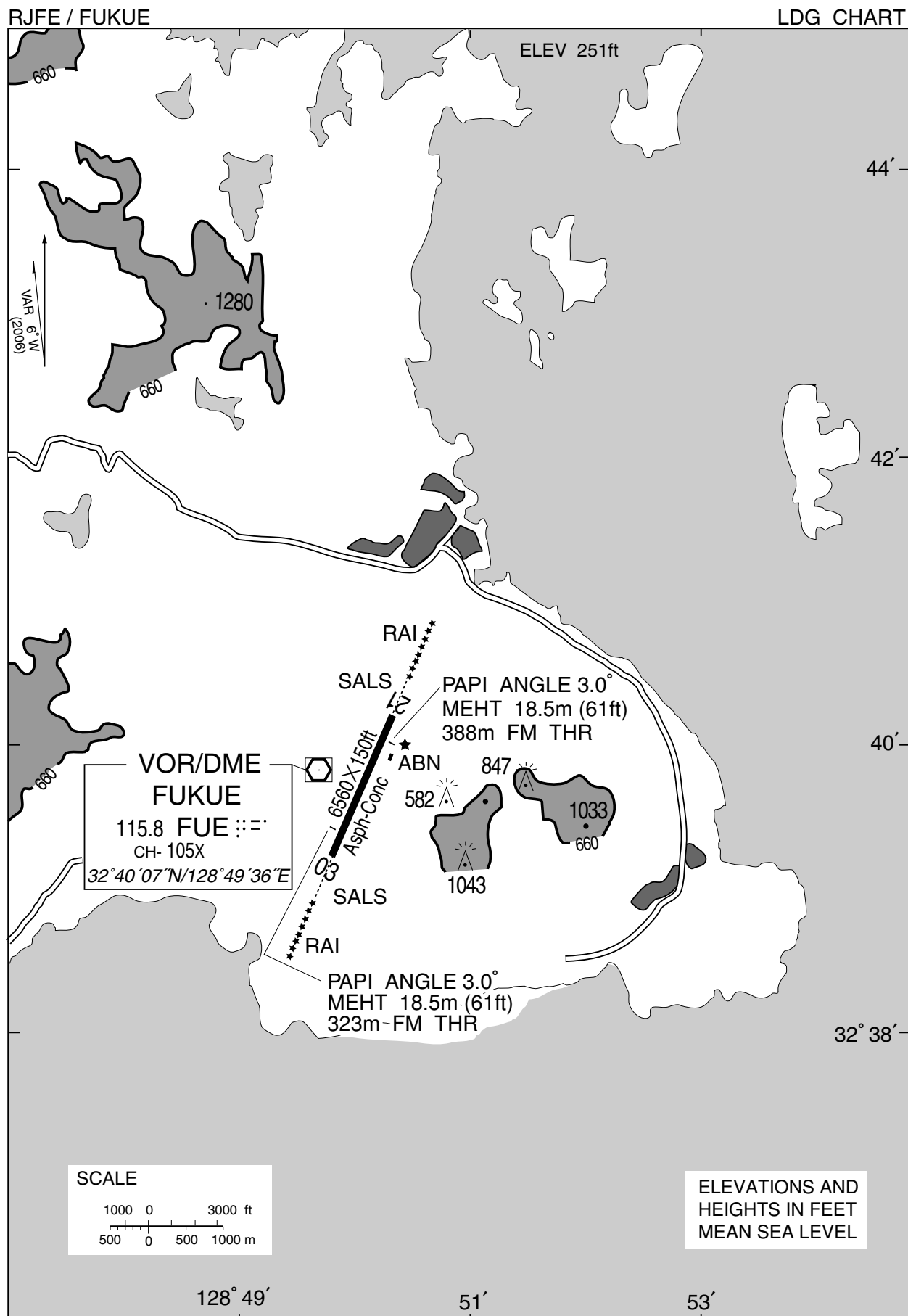
Visual REP



※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.

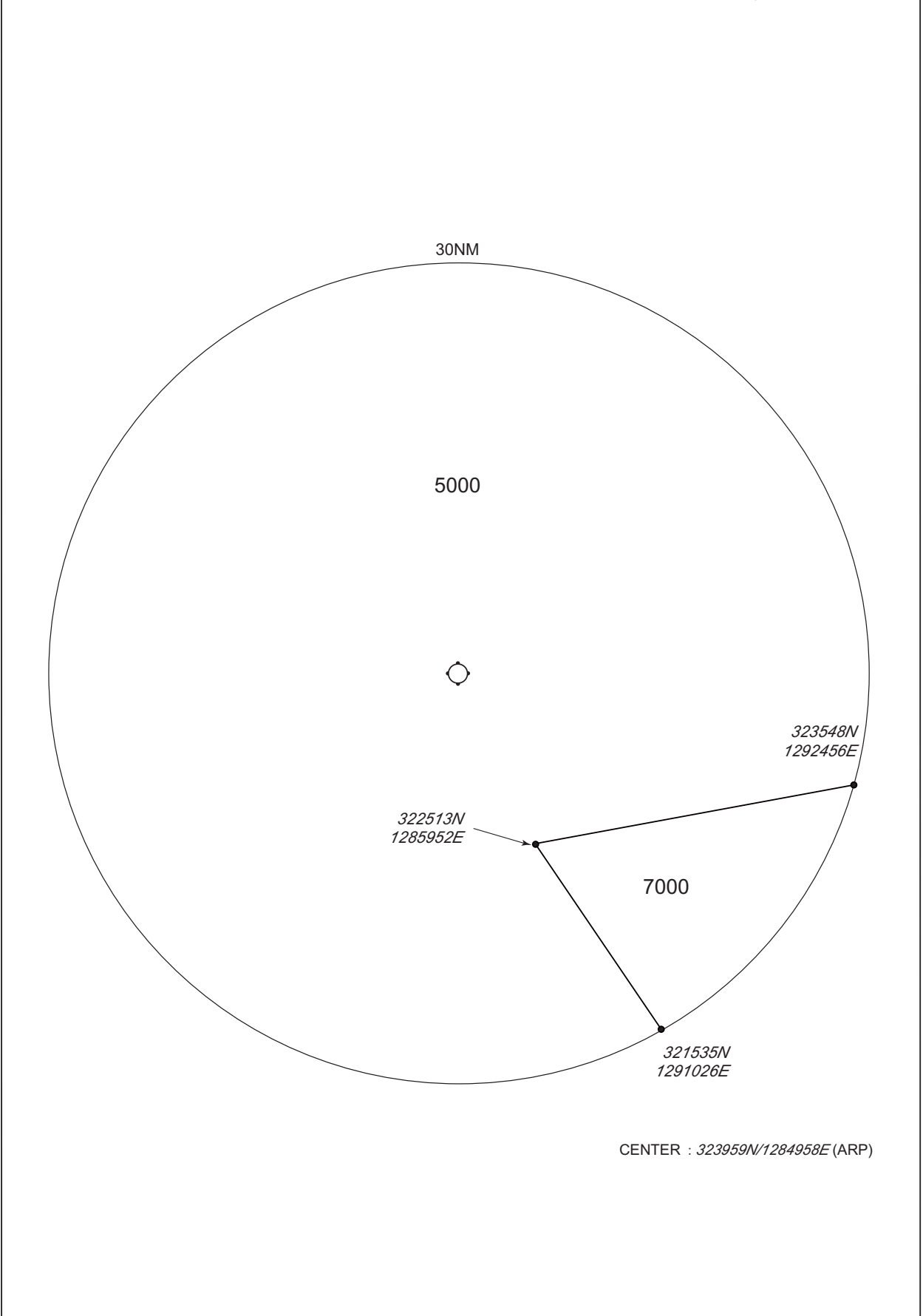
Call sign	BRG / DIST from ARP	Remarks
奈留島 Narushima	029°T / 10.8NM	浦港 Harbor
枇島 Kabashima	053°T / 10.2NM	島 Island
京ノ岳 Kyonodake	304°T / 10.1NM	レーダーサイト Radar site
蝶螺島 Sazaejima	055°T / 4.0NM	島 Island
二本楠 Nihongusu	275°T / 5.2NM	十字路 Intersection
富江港 Tomieko	230°T / 4.4NM	港 Harbor
大瀬崎 Osezaki	255°T / 12.2NM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



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Minimum Vectoring Altitude CHART

CHANGE : Shape of segment.



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