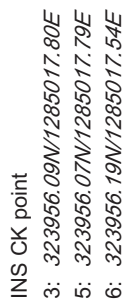
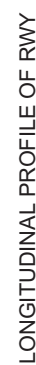


## RJFE / FUKUE

FUKUE RADIO  
118.35

VAR 7°W(2009)  
Annual change 2.8°W

WIDTH & STRENGTH OF TWY  
T1 23m  
T2 18m  
STRENGTH OF APRON  
SOUTH PCR 377/F/B/X/T  
NORTH PCR 172/F/C/Y/T



The longitudinal profile of the runway is shown with the following data points:

Station	Elevation (ft)	Elevation (m)	Slope (%)
RWY 03	223ft	(68.1m)	-
230ft	(70.0m)	0.8%	
232ft	(70.6m)	0.68%	
237ft	(72.4m)	0.8%	
240ft	(73.3m)	0.91%	
243ft	(74.2m)	0.85%	
260ft	(79.4m)	1.0%	
268ft	(81.7m)	0.75%	
270ft	(82.3m)	0.56%	
273ft	(83.2m)	0.5%	
RWY 21	273ft	0.1%	

## AD CHART

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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.

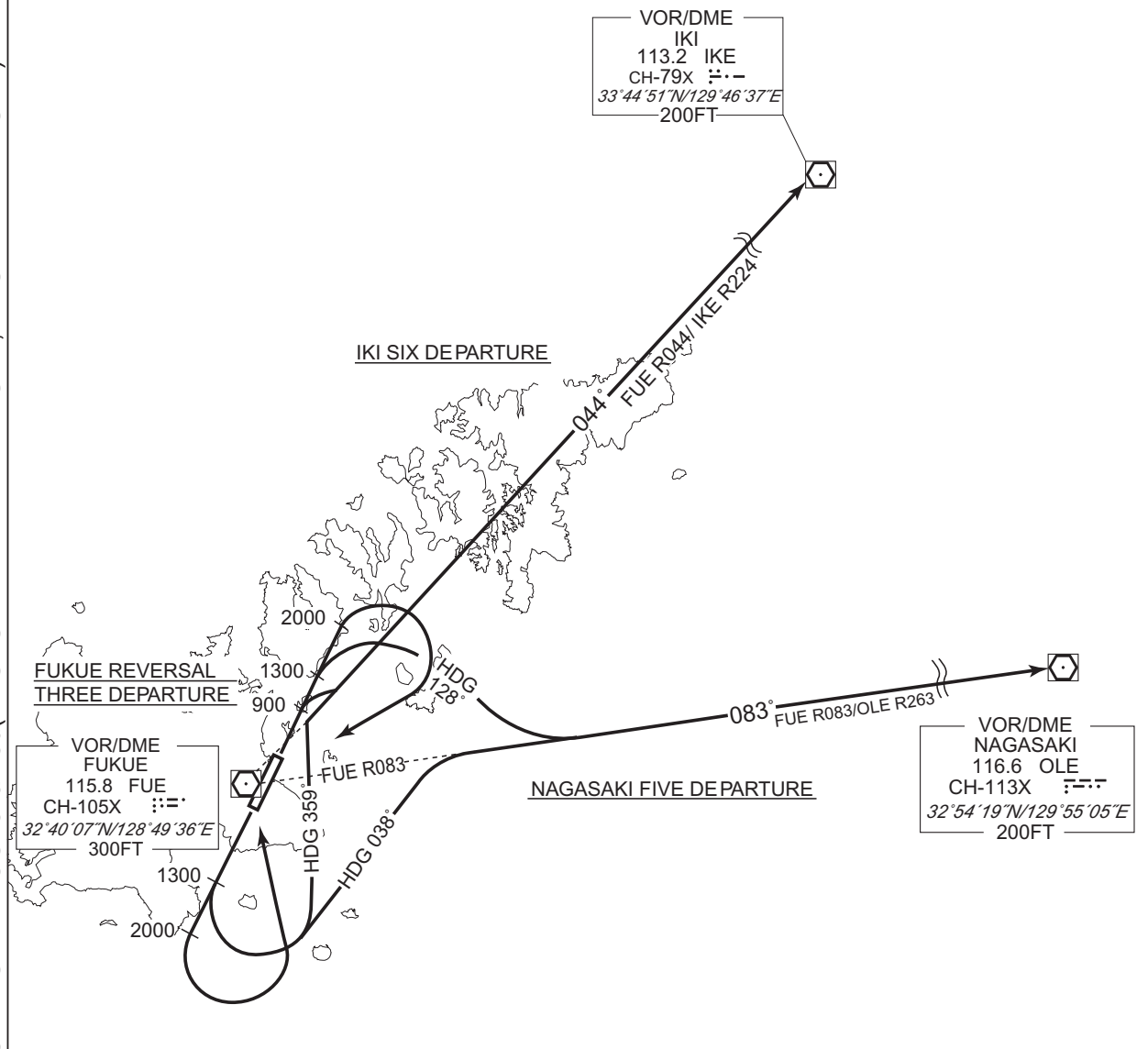
IKI SIX DEPARTURE

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.

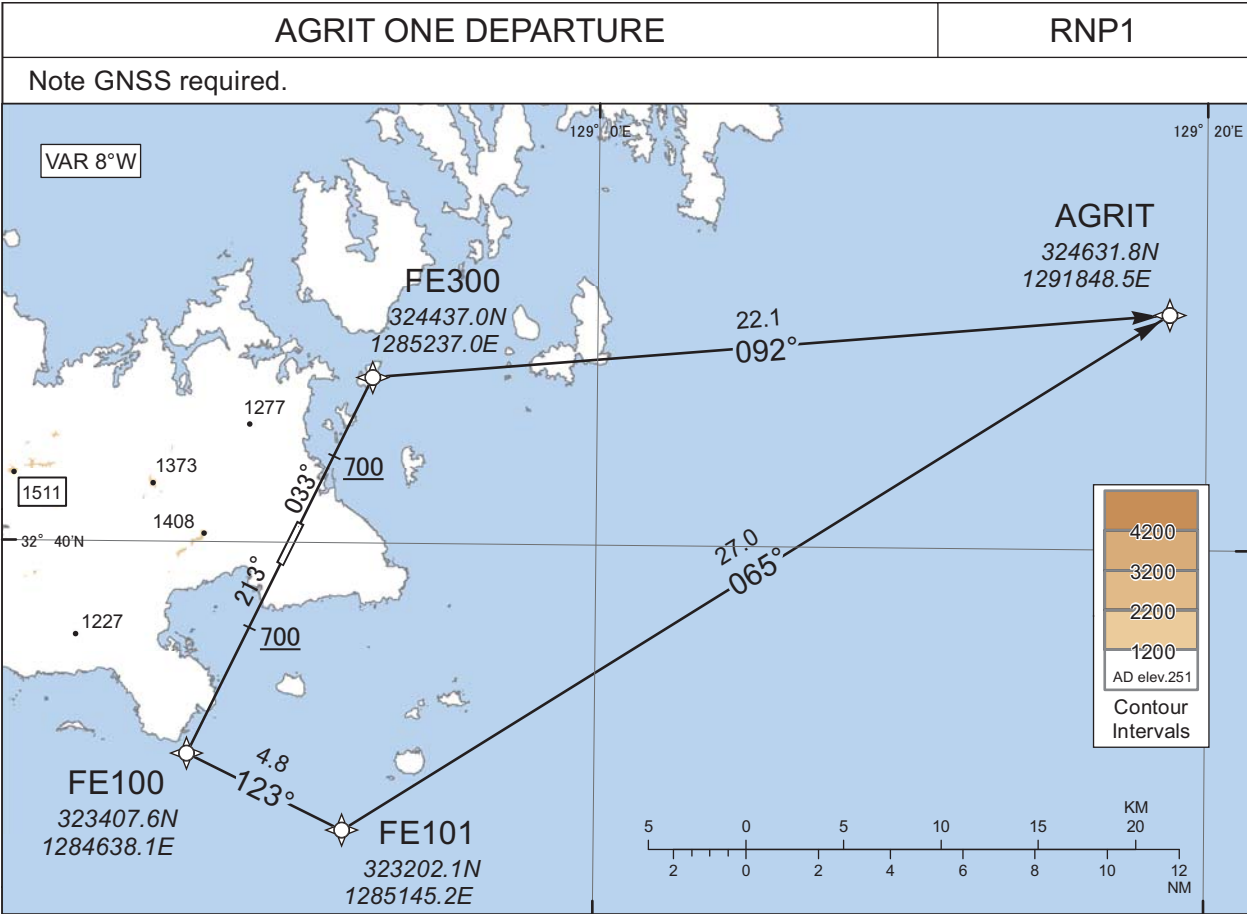
CHANGE : PROC renamed(NAGASAKI FIVE DEPARTURE, IKI SIX DEPARTURE). PROC course.



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

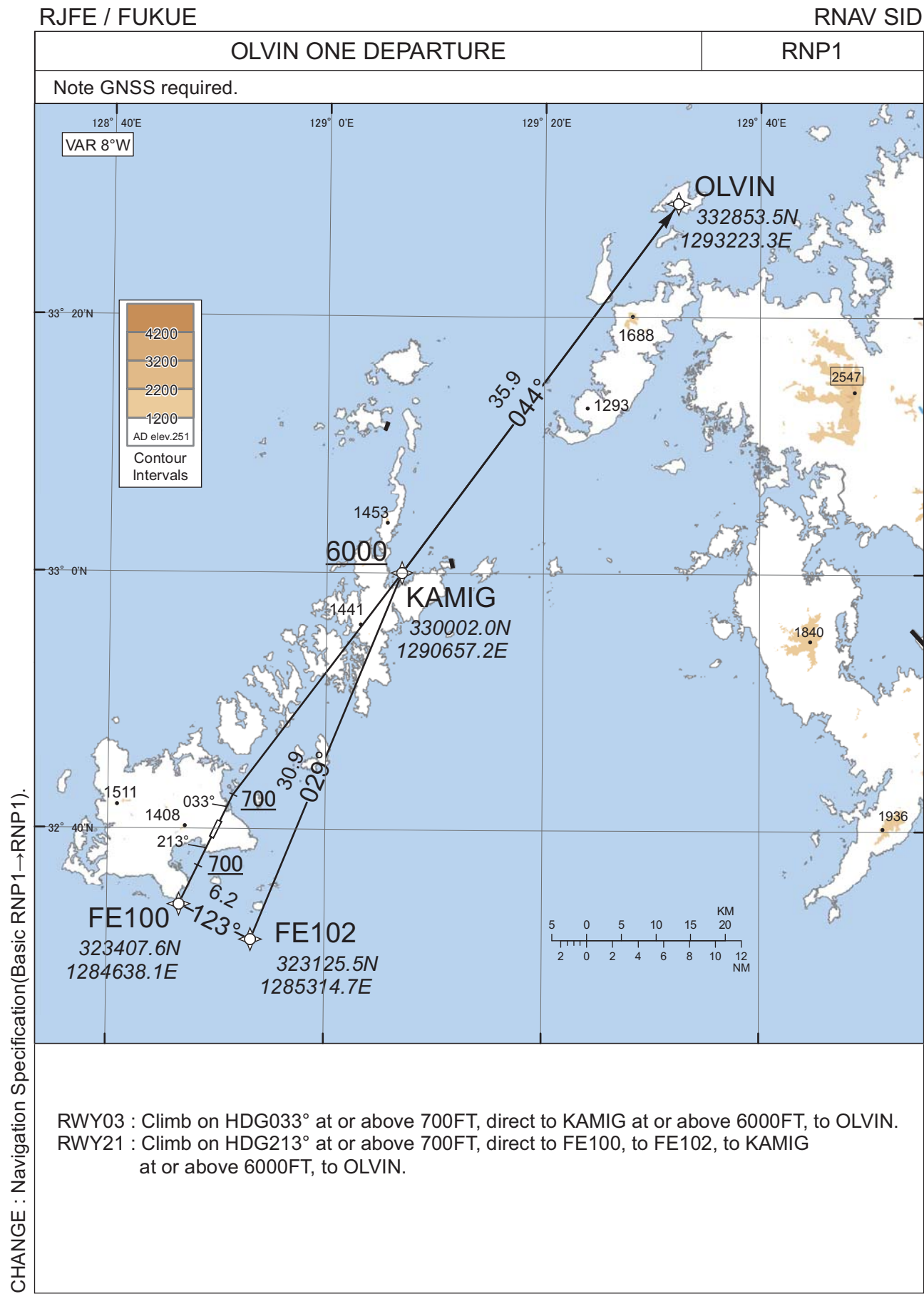
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	033 (025.6)	-7.5	-	-	+700	-	-	RNP1
002	DF	FE300	-	-	-7.5	-	-	-	-	-	RNP1
003	TF	AGRIT	-	092 (084.9)	-7.5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



## RJFE / FUKUE

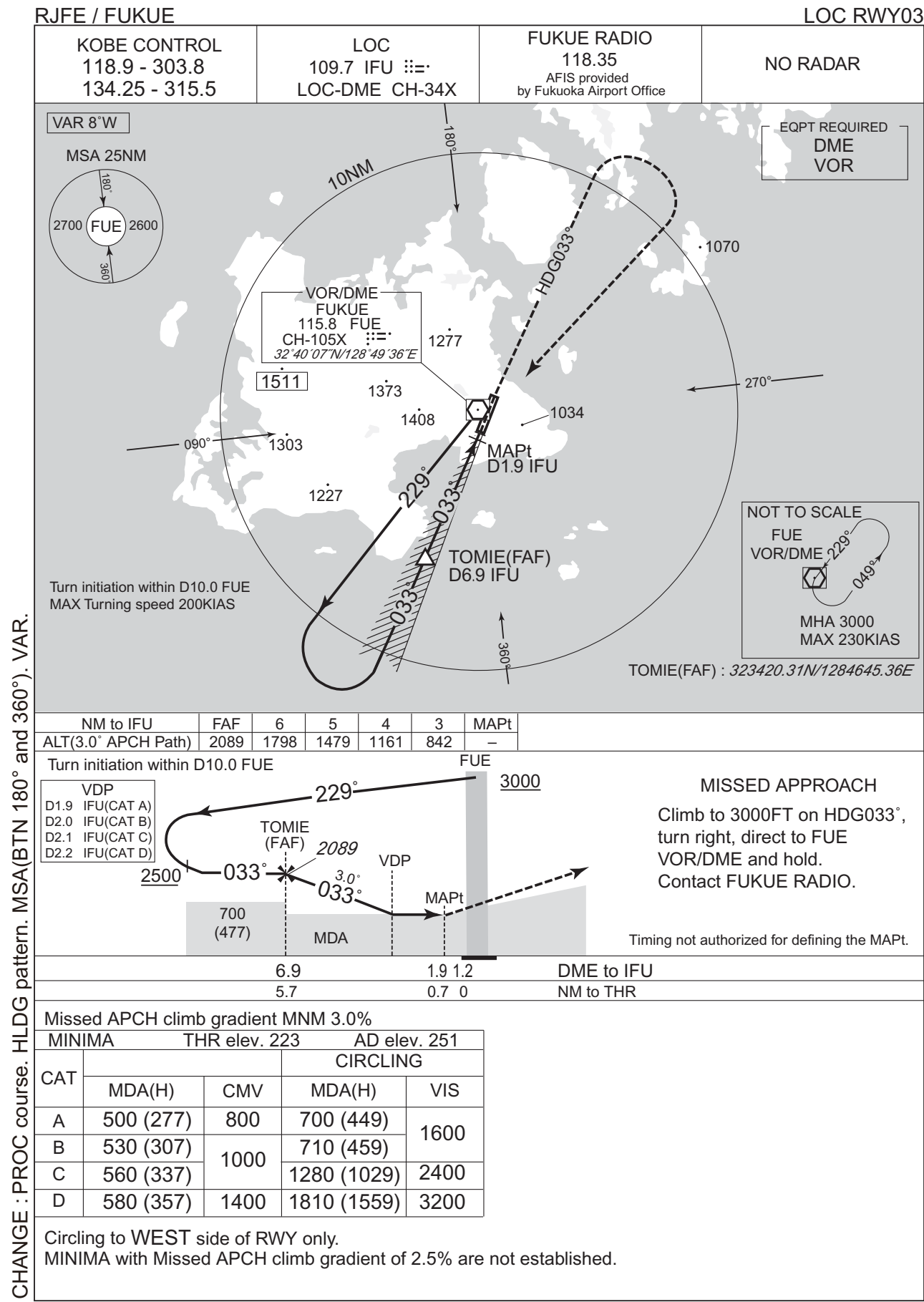
## OLVIN ONE DEPARTURE

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)

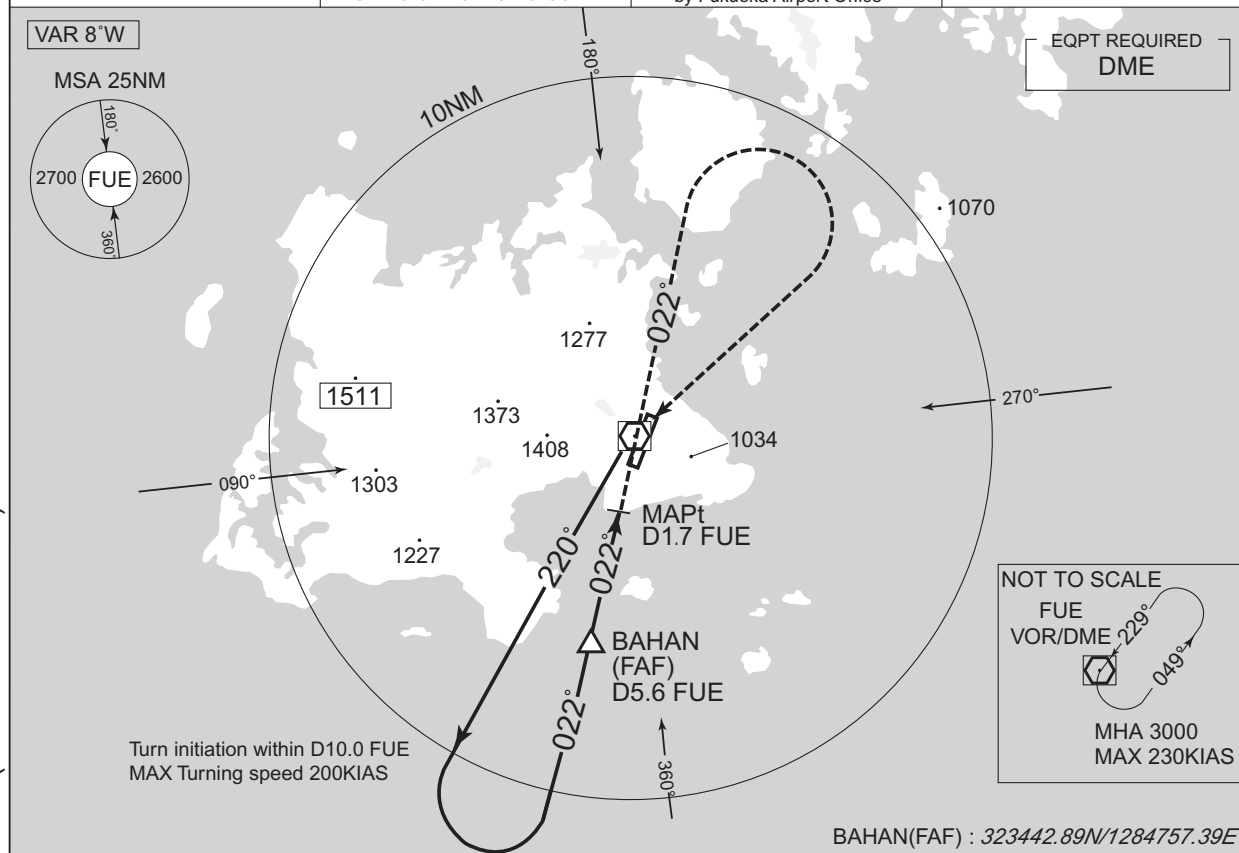
INSTRUMENT APPROACH CHART



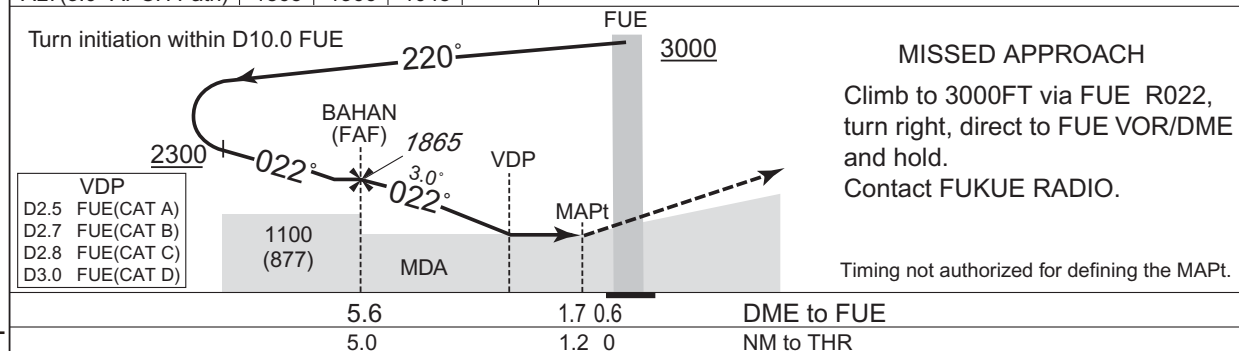
## RJFE / FUKUE

VOR RWY03

KOBE CONTROL	FUKUE VOR/DME	FUKUE RADIO	
118.9 - 303.8	115.8 FUE	118.35	NO RADAR
134.25 - 315.5	CH-105X	AFIS provided	
	32°40'07"N/128°49'36"E	by Fukuoka Airport Office	



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



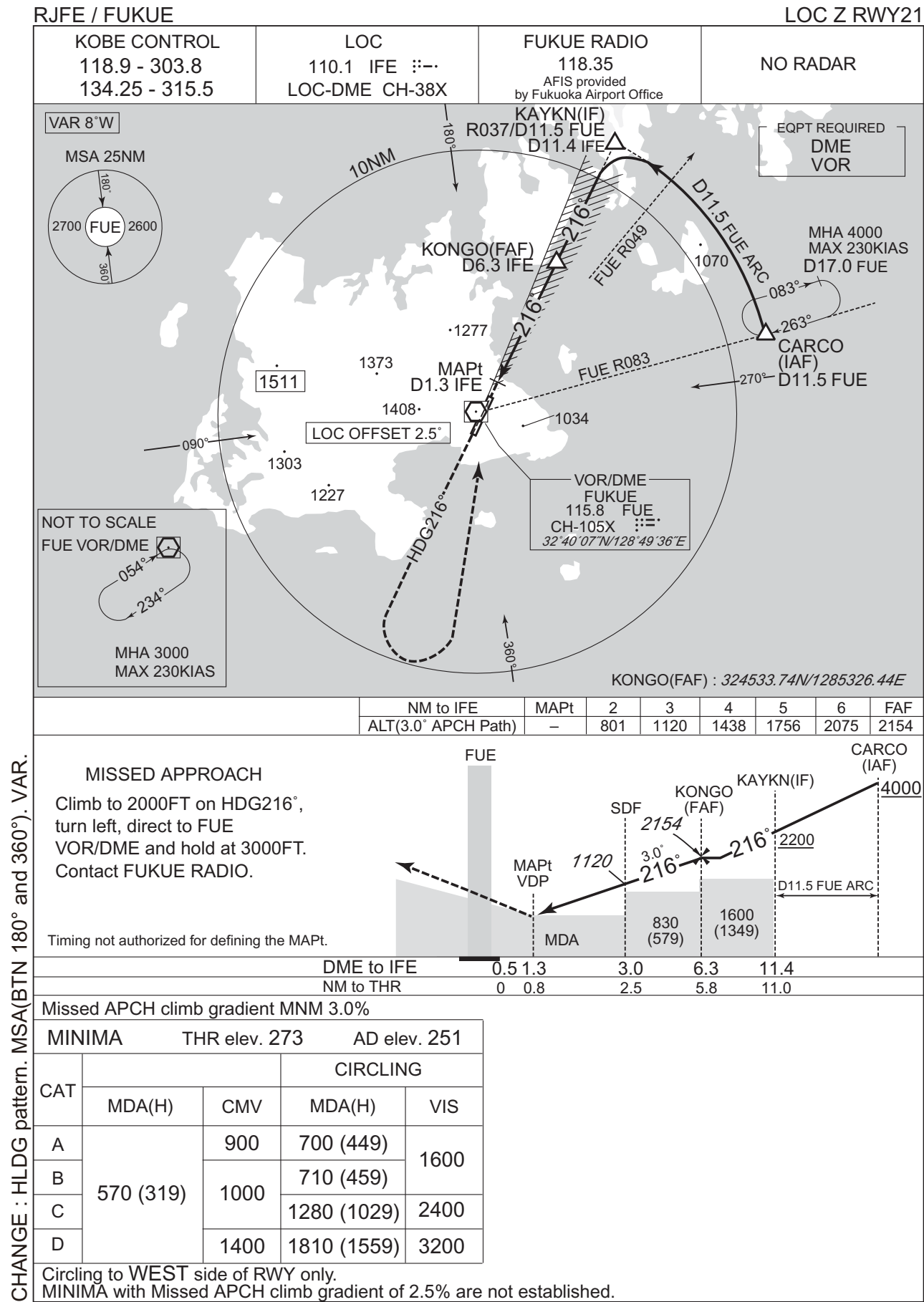
Missed APCH climb gradient MNM 5.0%				
MINIMA		THR elev. 223	AD elev. 251	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	880 (657)	1200	880 (629)	1600
B	920 (697)	1400	920 (669)	
C	970 (747)		1280 (1029)	2400
D	1010 (787)	1800	1810 (1559)	3200

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

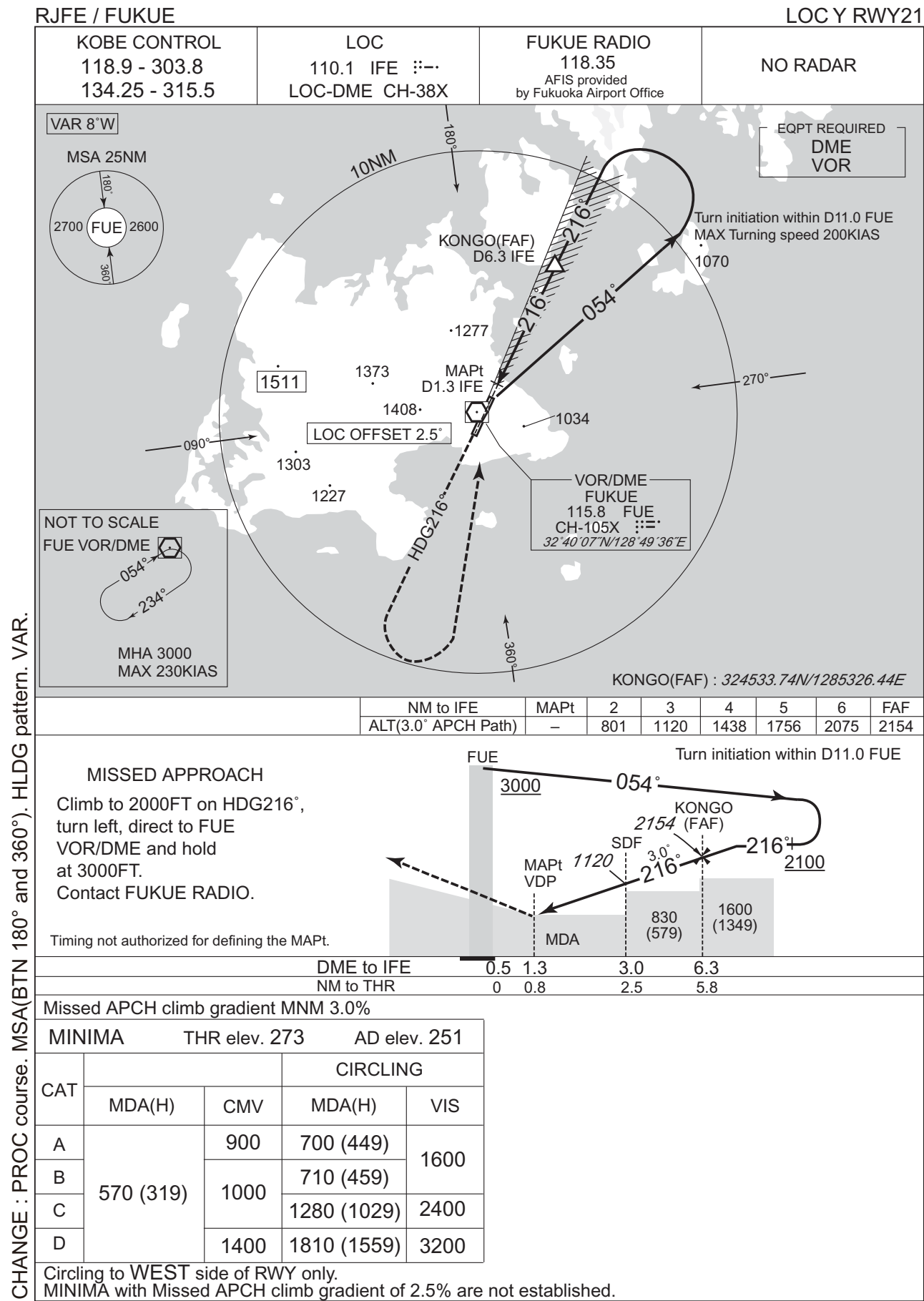
CHANGE : PROC course. HLDG pattern. Missed APCH course. MSA(BTN 180° and 360°). VAR.



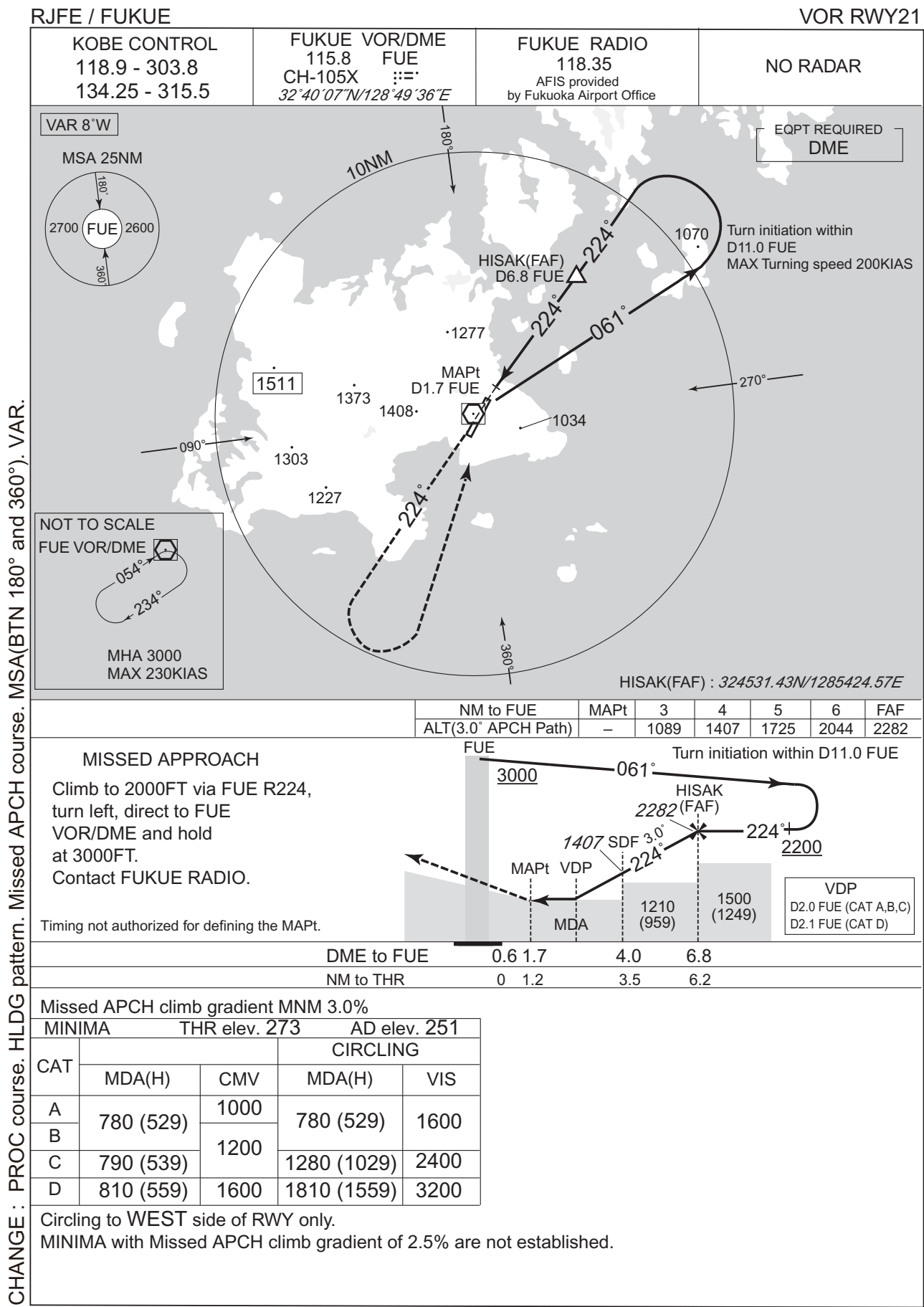
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



## RJFE / FUKUE

**KOBE CONTROL**  
118.9 - 303.8  
134.25 - 315.5

**RNP APCH**  
MSRP CH88033  
M03A

**FUKUE RADIO**  
118.35  
AFIS provided by  
Fukuoka Airport Office

**NO RADAR**

Baro-VNAV not authorized below -5°C

VAR 8°W

2200  
1700  
1200  
700  
AD elev.251  
Contour  
Intervals

10NM

MSA 25NM  
2700  
ARP

ARP: 323959N / 1284958E

**CARCO**  
(IAF/MAHF)

270°

1MIN  
018°  
198°  
CARCO

MHA 4000  
MAX 230KIAS

NOT TO SCALE

CARCO	324301.73N
(IAF/MAHF)	1290247.66E
FE350	322958.01N
	1285058.81E
FE351	323211.51N
(IF)	1284532.01E
NENCH	323526.53N
(FAF)	1284723.09E
FE352	323818.92N
(MAPt)	1284901.29E
FE353	324101.43N
(MATF)	1285033.97E

**FE351(IF)**  
MAX 185KIAS

**NENCH**  
(FAF)

**FE352**  
(MAPt)

**FE353**  
(MATF)

16.4  
225°  
(217.4°T)

3.6  
033°  
(025.6°T)

3.2  
033°  
(025.6°T)

5.1  
303°  
(295.9°T)

1 0 1 2 3 4 5 6 7 8 9 10  
KM

1 0 1 2 3 4 5  
NM

**CARCO (IAF)**

**FE350**

**FE351 (IF)**

**NENCH (FAF)**

**FE352 (MAPt)**

**VDP (LNAV)**

**MISSED APPROACH**

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

4000 225° 303° 033° 1700 300° 033°

1100 (877) MDA RDH 50

8.1 4.5 1.3 0 NM to THR

Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev. 223	AD elev. 251
CAT	LPV	LNAV/VNAV
	DA(H)	CMV
A	611(388)	900
B	621(398)	1010(787)
C	631(408)	1050(827)
D	641(418)	1090(867)

LNAV		CIRCLING	
MDA(H)	CMV	MDA(H)	VIS
1200	1200	1010(759)	1600
1400	1400	1280(1029)	2400
1800	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

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**

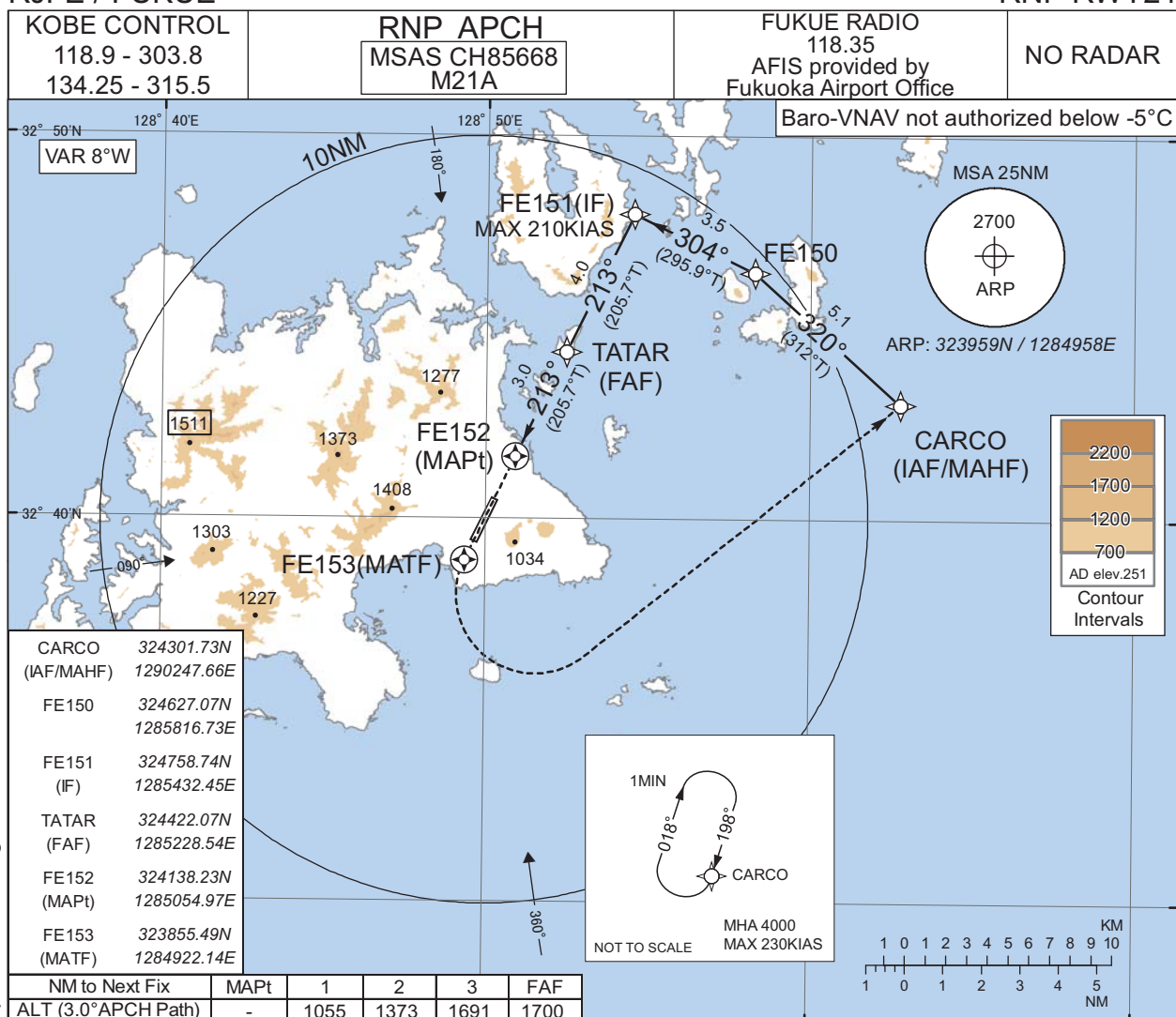
LTP/FTP orthometric height	67.7
----------------------------	------

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

## INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY21



## MISSED APPROACH

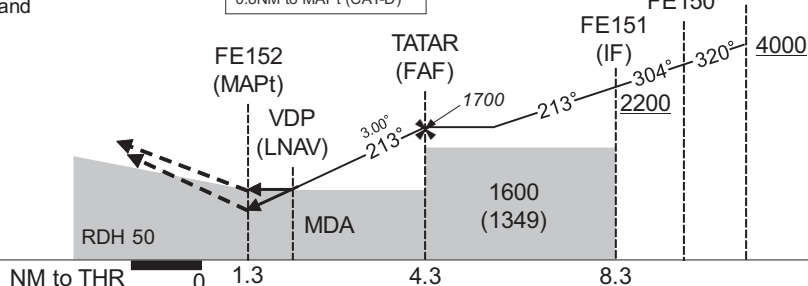
Direct to FE153, turn left direct to CARCO and  
hold at 4000FT.  
Contact FUKUE RADIO.

## VDP

0.5NM to MAPt (CAT-A,B)  
0.7NM to MAPt (CAT-C)  
0.8NM to MAPt (CAT-D)

## CARCO

FE150 (IAF)



Missed APCH climb gradient MNM 5.0%

MINIMA		THR elev. 273		AD elev. 251				
CAT	LPV		LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	721(448)	900	880(607)	1000	880(629)	1000	880(629)	1600
B	731(458)	1200		1200		1200		
C	741(468)			930(657)	1400	930(679)	1400	1280(1029)
D	751(478)	1600	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 : Missed APCH for using VOR/DME abolished. HLDG pattern for using NAVAID abolished.

## 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

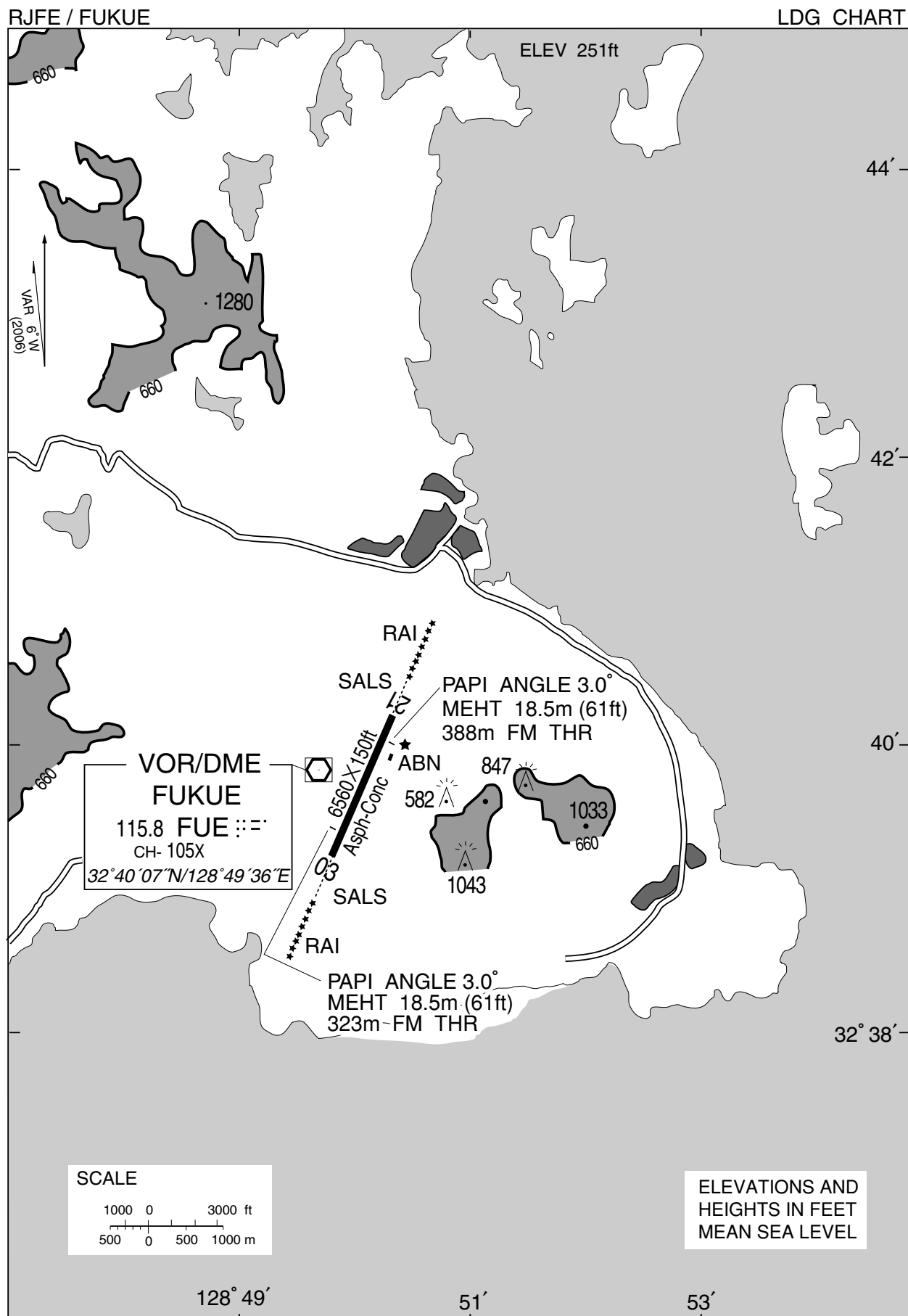


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

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





RJFE / FUKUE

Minimum Vectoring Altitude CHART

CHANGE : Shape of segment.



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