

## RJFE / FUKUE

## AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

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/OLE R263 to OLE VOR/DME.

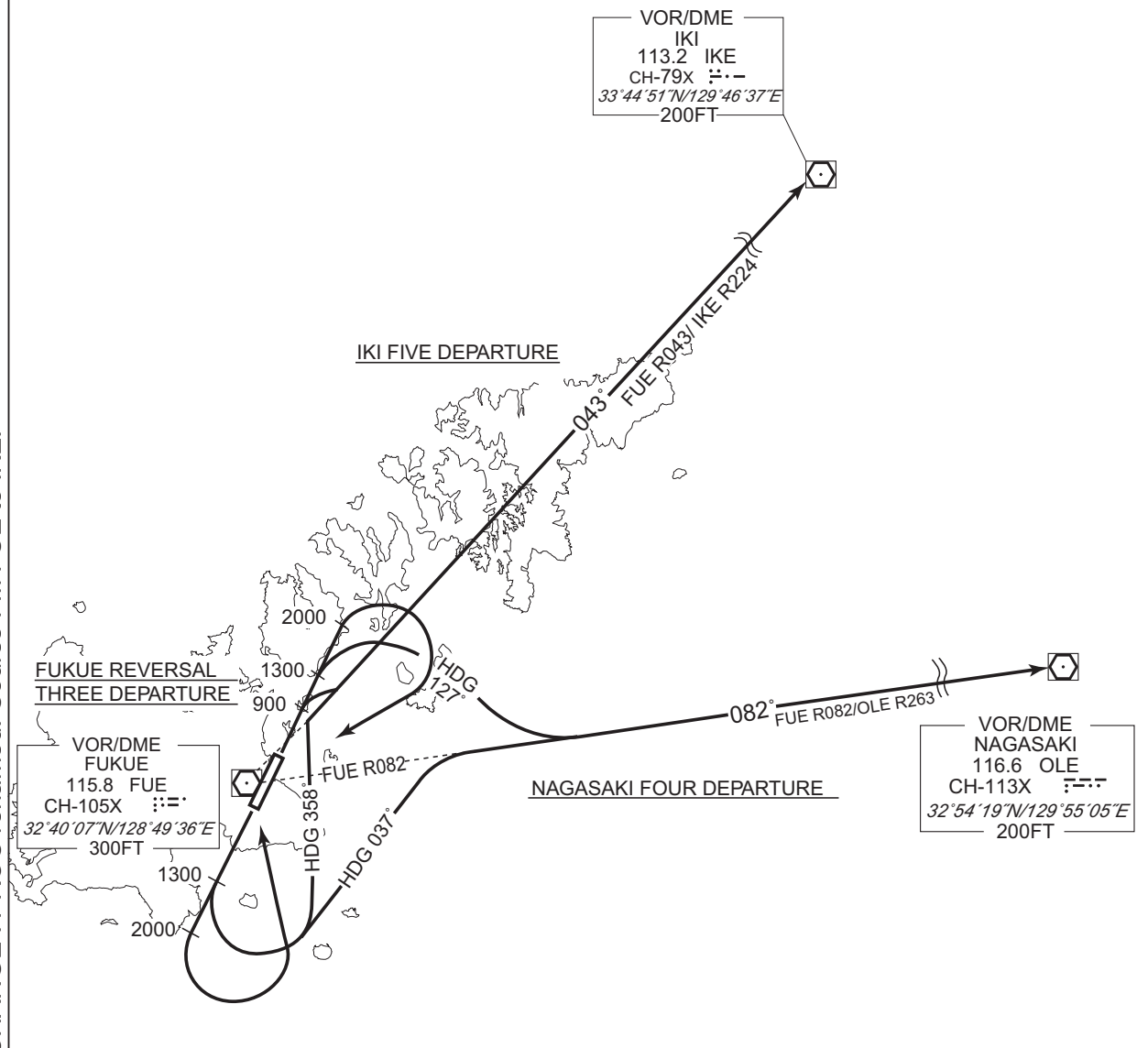
IKI FIVE DEPARTURE

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/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.

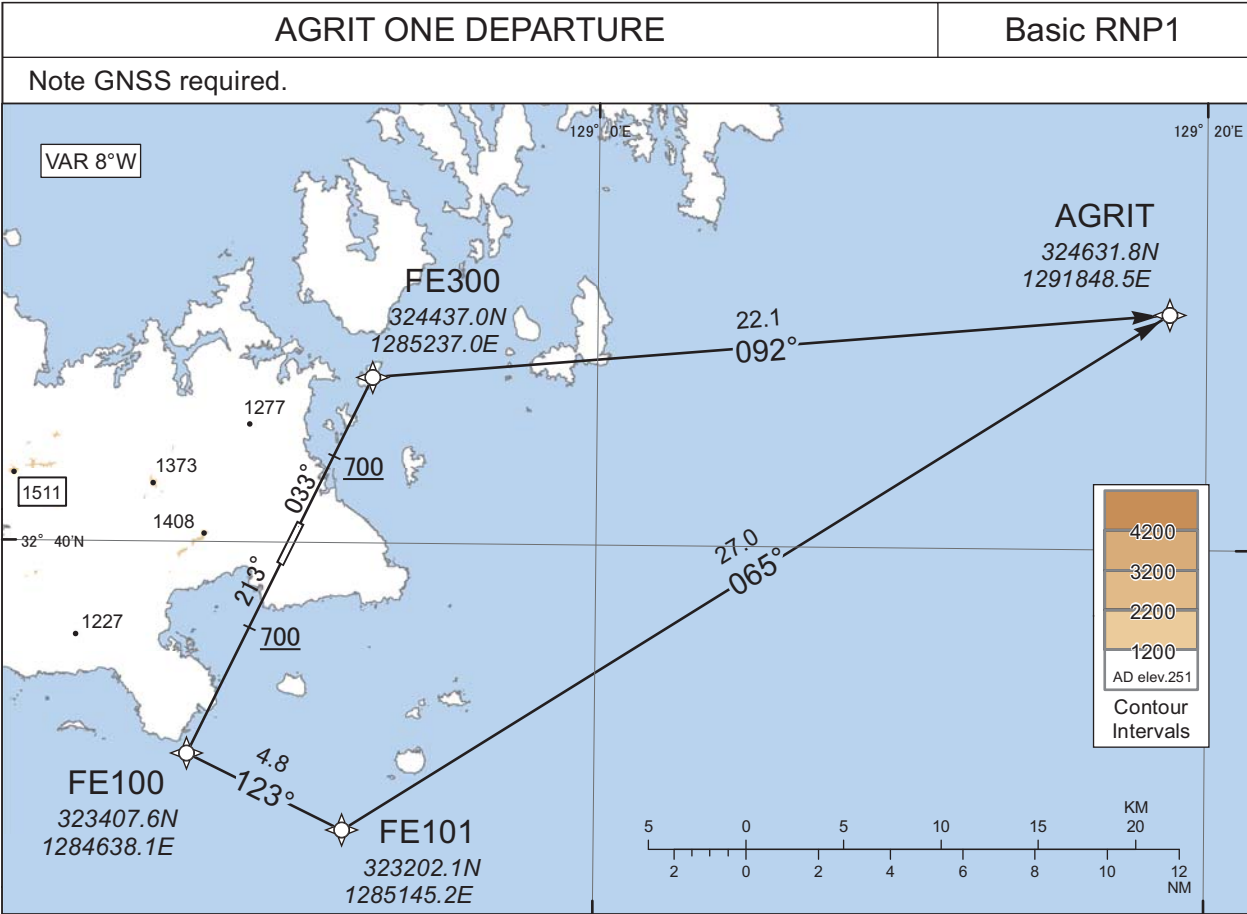
CHANGE : PROC renamed. Course FM FUE to IKE.



STANDARD DEPARTURE CHART - INSTRUMENT

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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

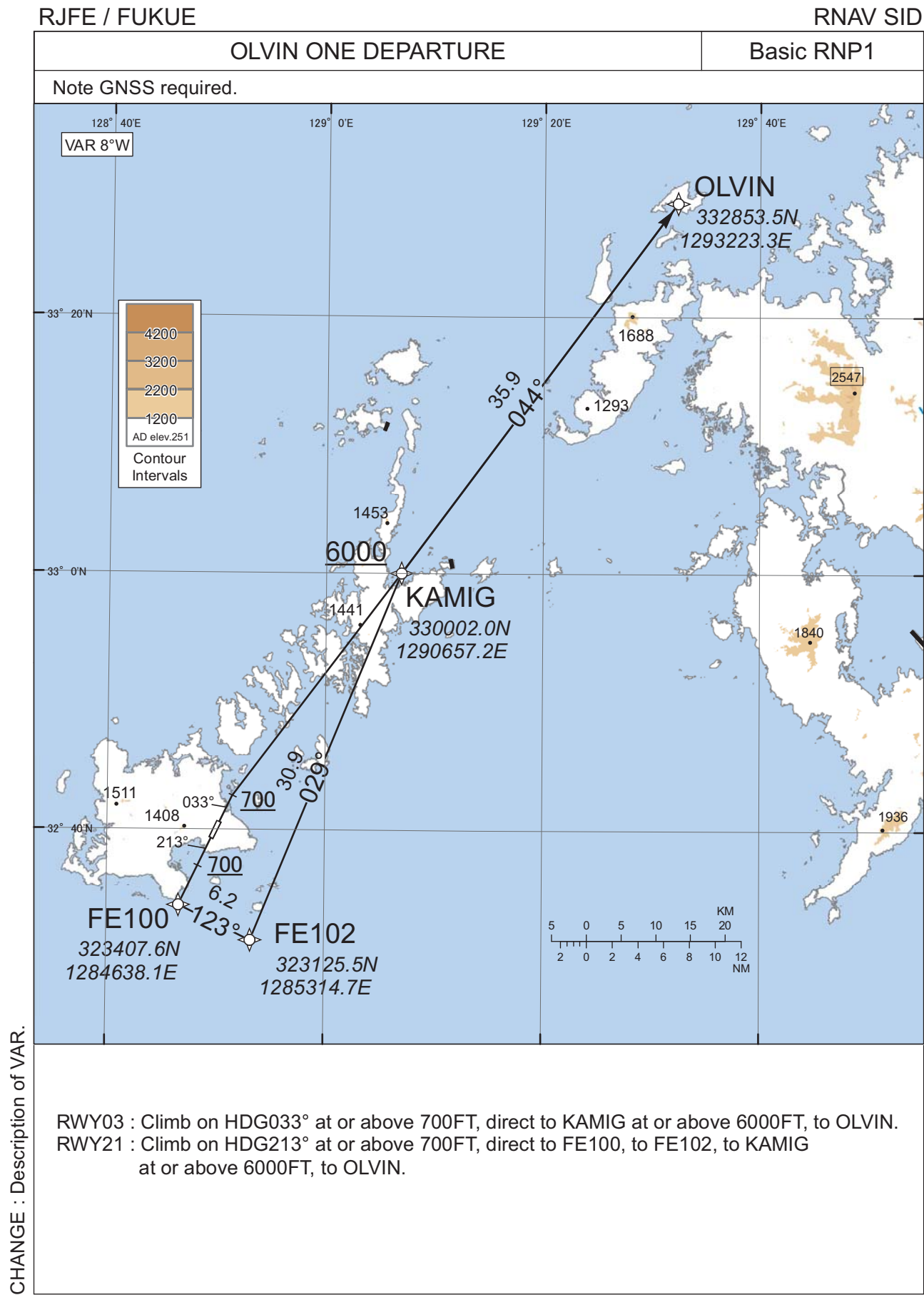
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	033 (025.6)	-7.5	-	-	+700	-	-	Basic RNP1
002	DF	FE300	-	-	-7.5	-	-	-	-	-	Basic RNP1
003	TF	AGRIT	-	092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

STANDARD DEPARTURE CHART - INSTRUMENT



Civil Aviation Bureau,Japan (EFF:15 JUN 2023)

18/5/23

## STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

RNAV SID

OLVIN ONE DEPARTURE

## RWY03

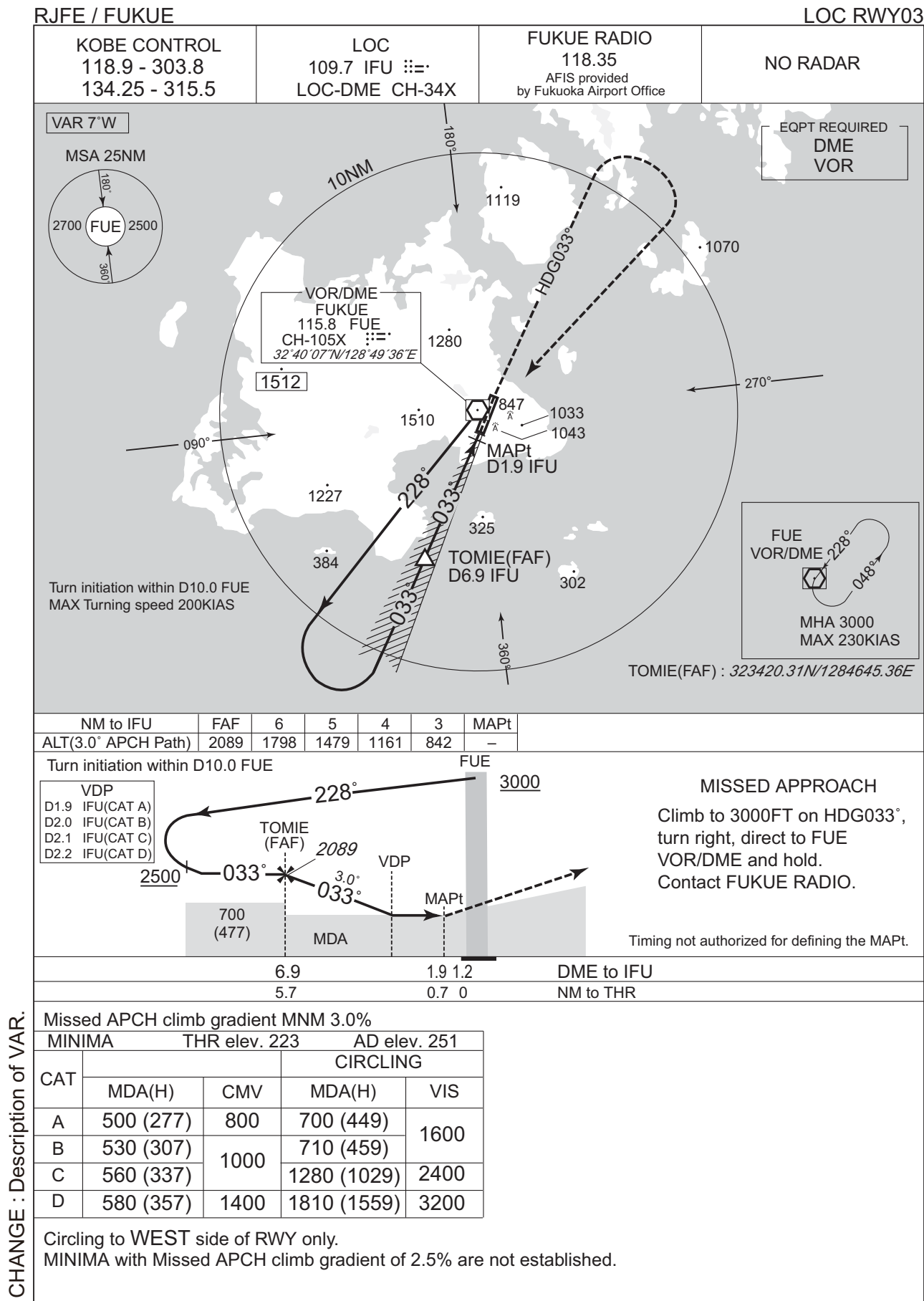
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	033 (025.6)	-7.5	-	-	+700	-	-	Basic RNP1
002	DF	KAMIG	-	-	-7.5	-	-	+6000	-	-	Basic RNP1
003	TF	OLVIN	-	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.

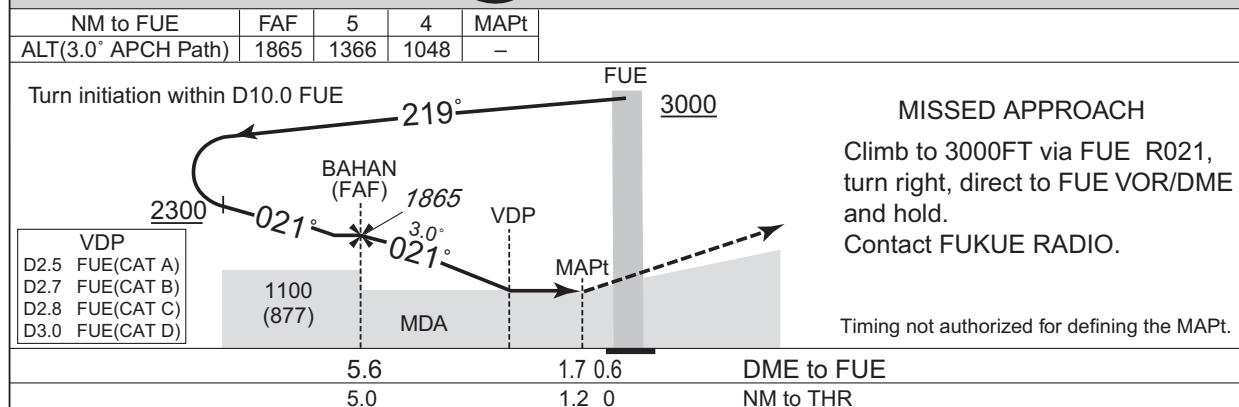
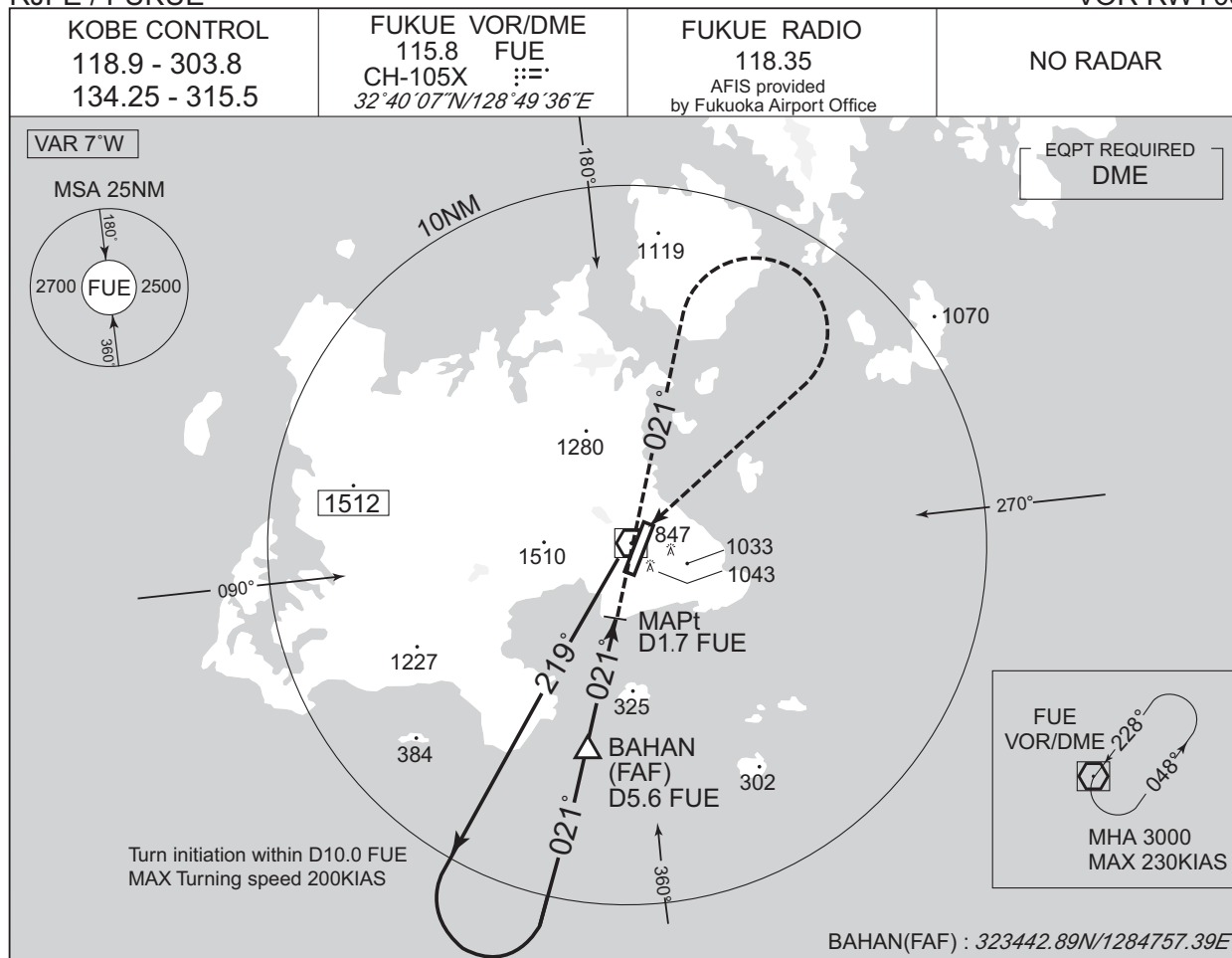
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJFE / FUKUE

VOR RWY03



CHANGE : Description of VAR.

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.

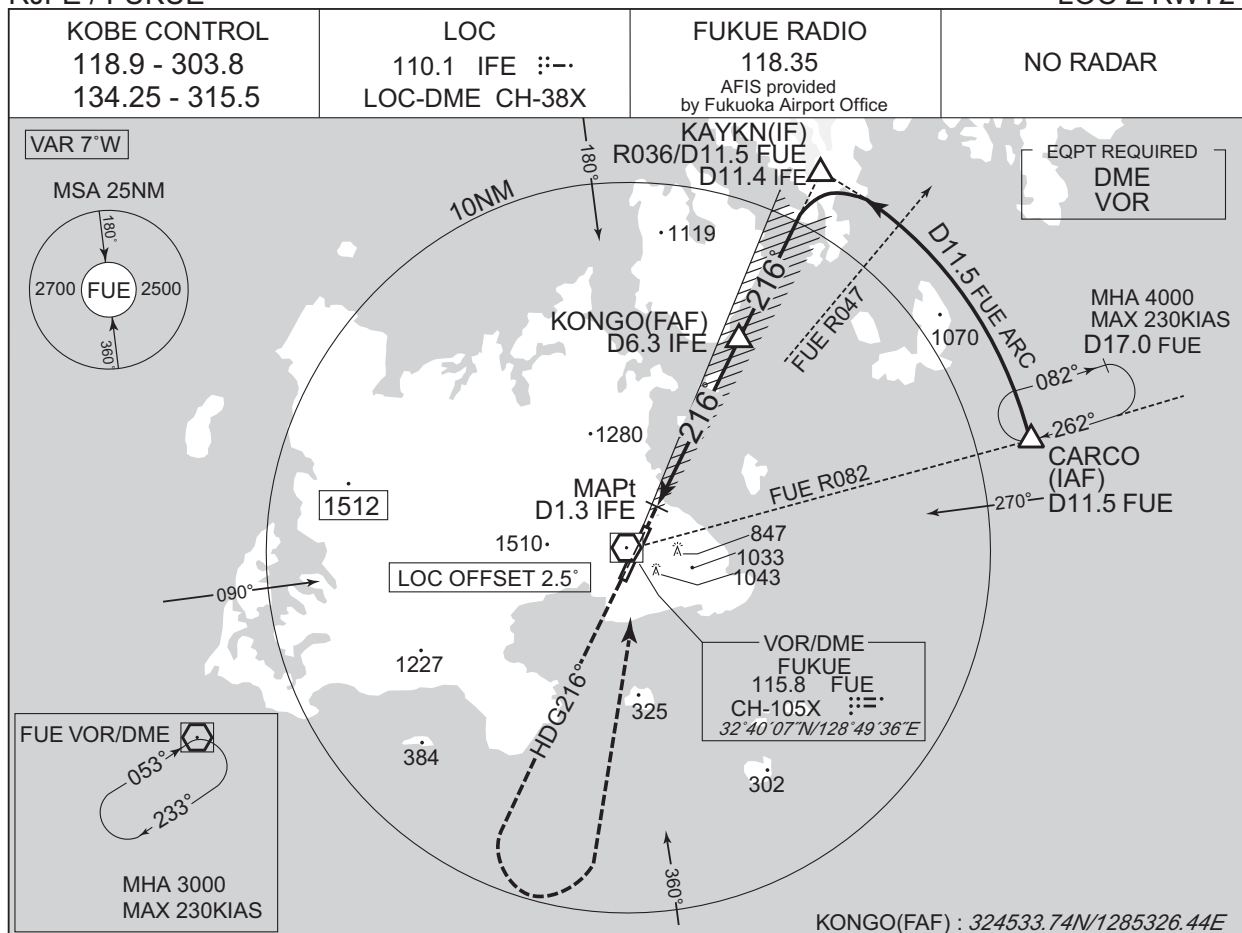
MINIMA with Missed APCH climb gradient of 2.5% are not established.



## INSTRUMENT APPROACH CHART

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LOC Z RWY21

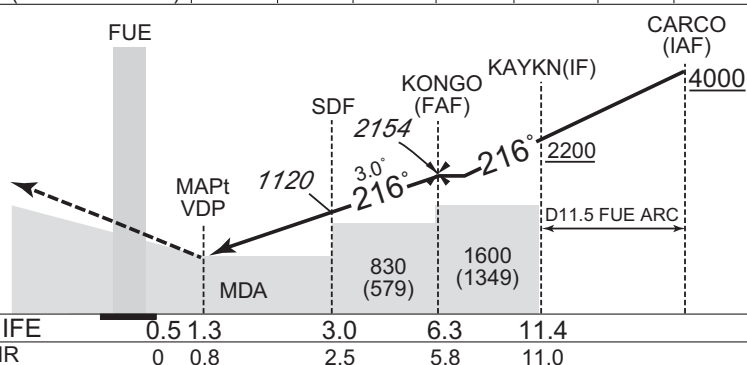


	NM to IFE	MAPt	2	3	4	5	6	FAF
ALT(3.0° APCH Path)	—	—	801	1120	1438	1756	2075	2154

## MISSED APPROACH

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	11.4
NM to THR	0	0.8	2.5	5.8	11.0

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			1810 (1559) 3200

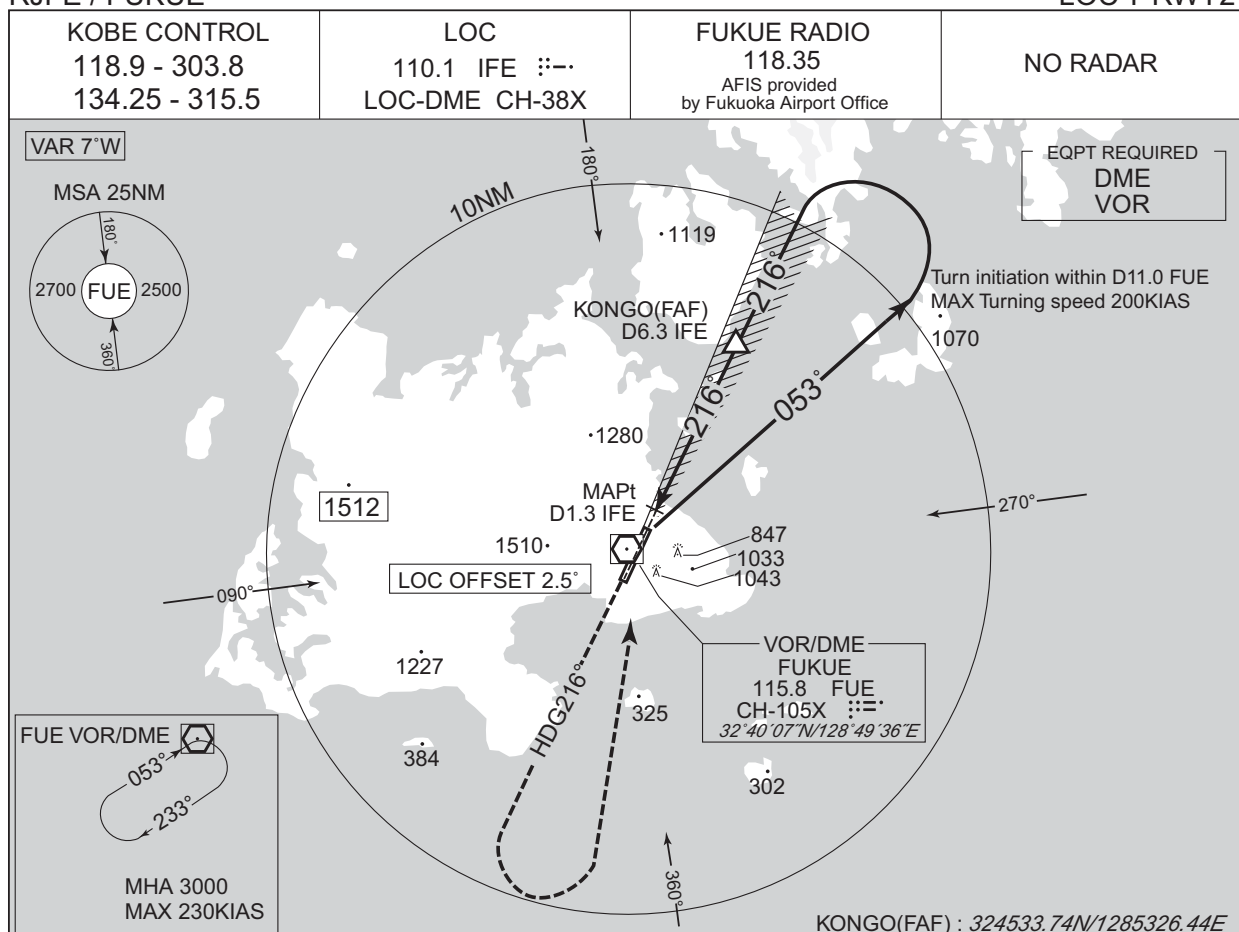
Circling to WEST side of RWY only.

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

## INSTRUMENT APPROACH CHART

RJFE / FUKUE

LOC Y RWY21

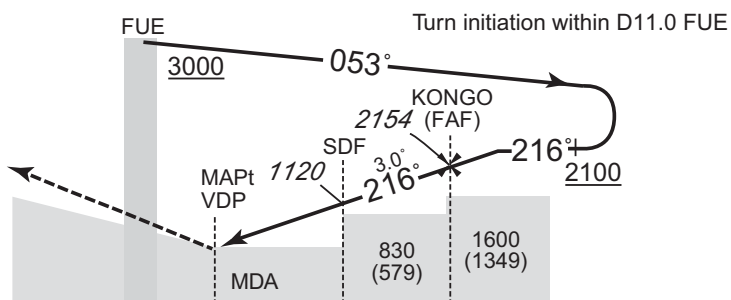


NM to IFE	MAPt	2	3	4	5	6	FAF
ALT(3.0° APCH Path)	—	801	1120	1438	1756	2075	2154

## MISSED APPROACH

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		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.

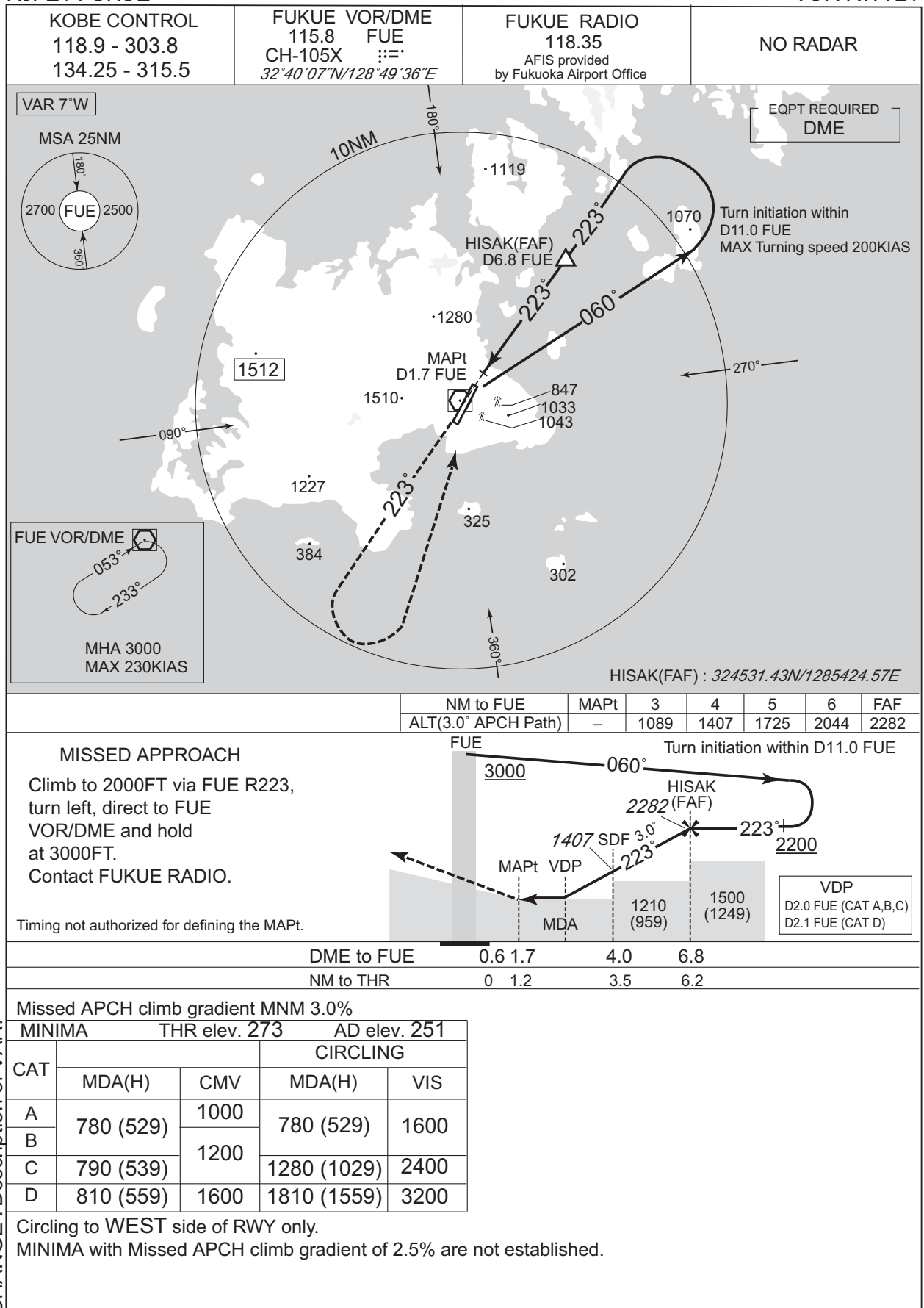
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : Description of VAR.

## INSTRUMENT APPROACH CHART

RJFE / FUKUE

VOR RWY21



## 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**

**1277**  
**1373**  
**1408**  
**1034**  
**1227**  
**1303**  
**1511**

**FE353(MATF)**  
R048/D1.2 FUE

**FE352 (MAPt)**

**NENCH (FAF)**

**FE351(IF)**  
MAX 185KIAS

**FE350**

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

**MSA 25NM**  
2700  
ARP

**ARP: 323959N / 1284958E**

**CARCO (IAF/MAHF)**

**RNAV HLDG**

**1MIN**  
018°  
198°  
CARCO

**MHA 4000**  
MAX 230KIAS

**NOT TO SCALE**

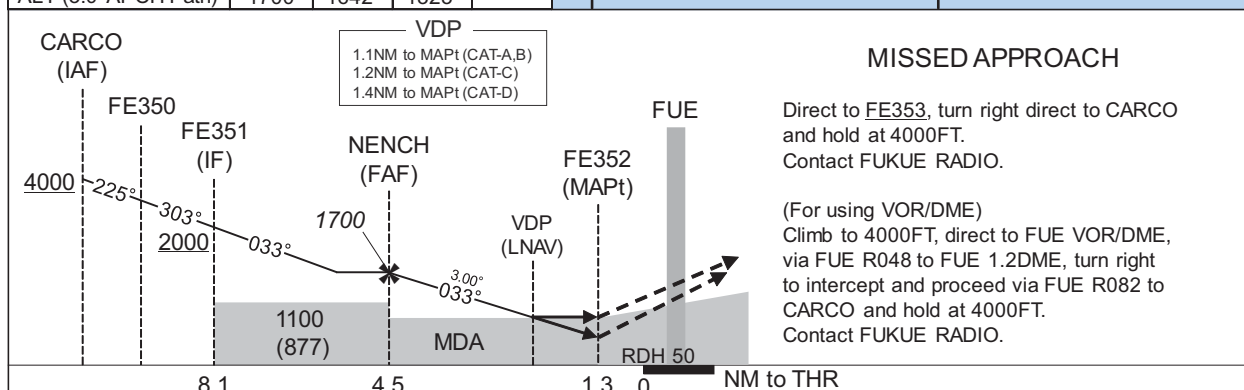
**Using NAVAID**

**D17.0 FUE**  
082°  
262°  
CARCO  
D11.5 FUE  
MHA 4000  
MAX 230KIAS

**NOT TO SCALE**

NM to Next Fix	FAF	3	2	MAPt
AI T (3.0°APCH Path)	1700	1642	1323	-

**FE350**  
1 0 1 2 3 4 5 6 7 8 9 10  
1 2 3 4 5  
KM  
NM



Missed APCH climb gradient MNM 5.0%
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MINIMA		THR elev. 223	AD elev. 251					
CAT	LPV		LNAV/VNAV		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		1400		1050(827)		
C	631(408)		1090(867)		1800		1090(867)	1800
D	641(418)	1400	1090(867)	1800	1090(867)	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**

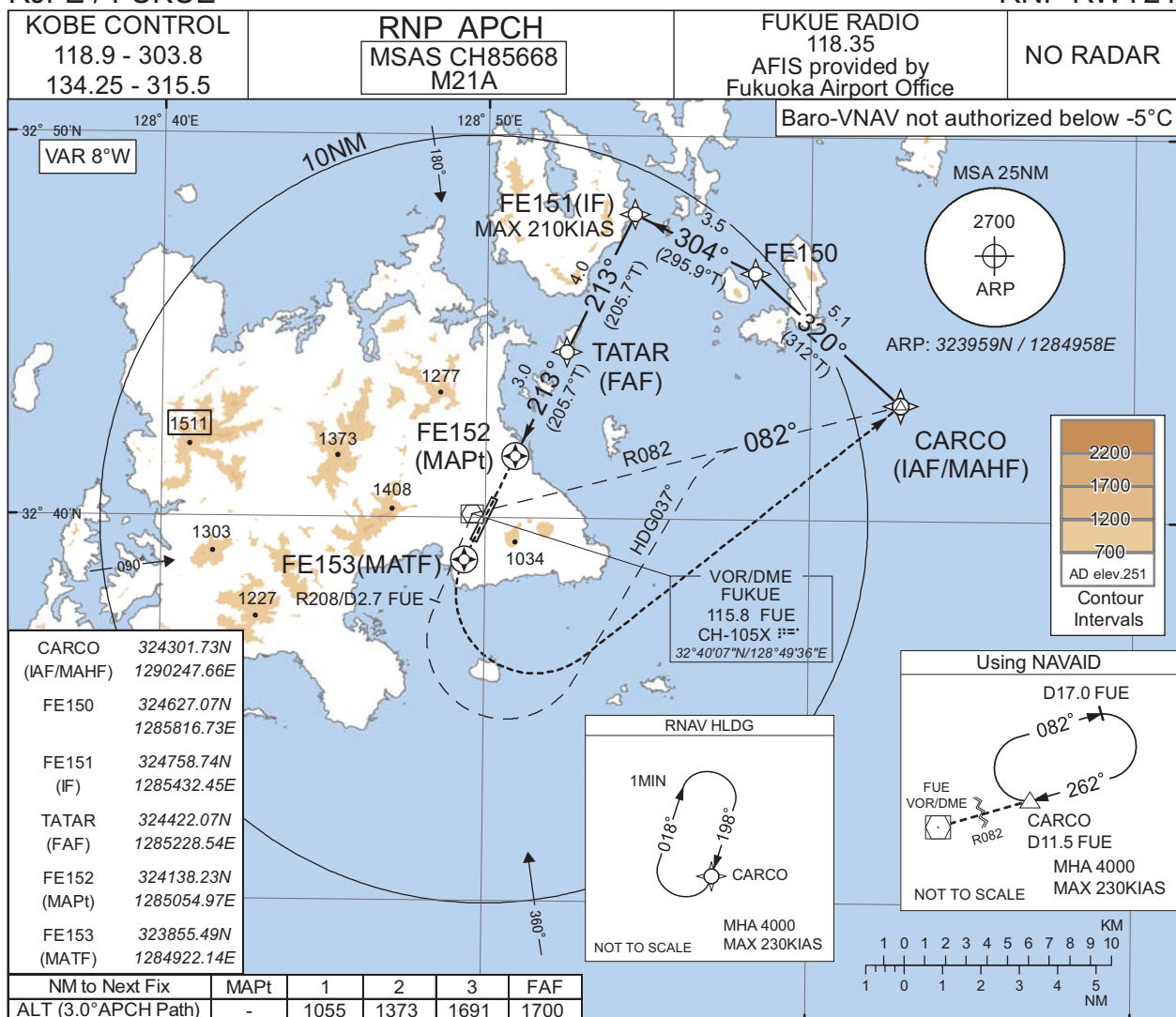
LTP/FTP orthometric height	67.7
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CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

## INSTRUMENT APPROACH CHART

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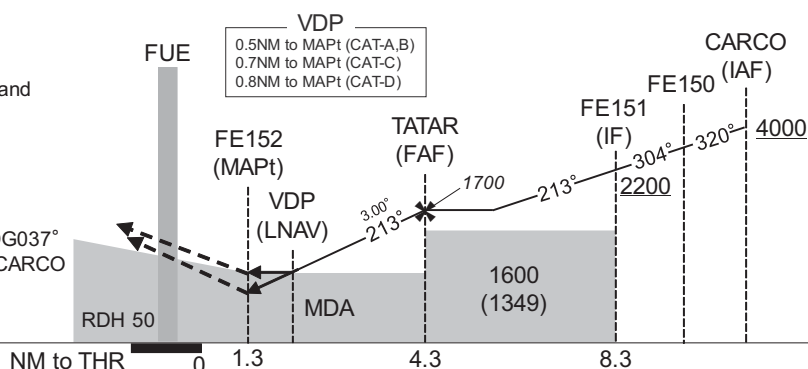
RNP RWY21



## 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%

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)	2400
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 : Description of VAR.

## 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).



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Visual REP

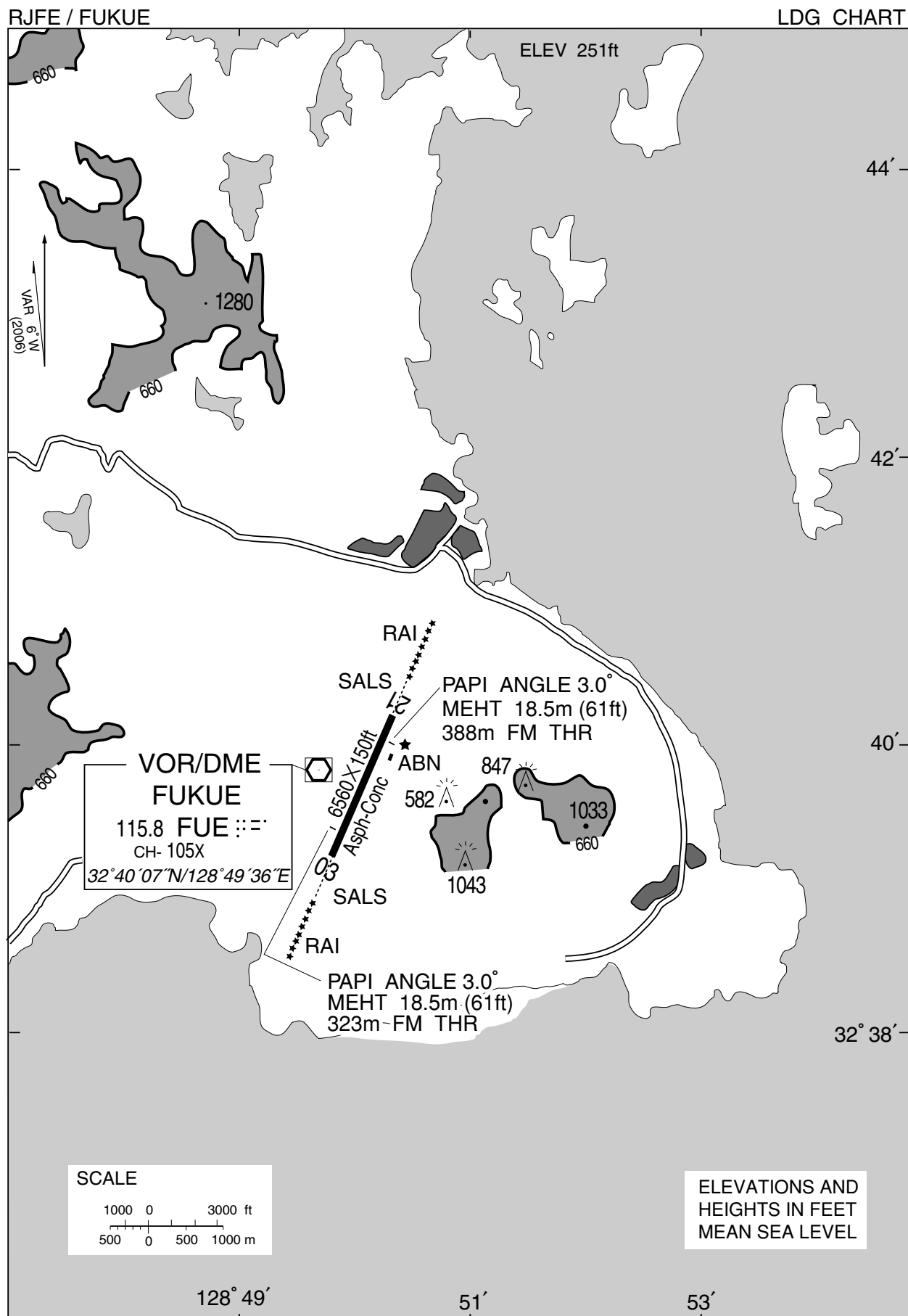


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

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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