

## AD 2 AERODROMES

## RJFE AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJFE - FUKUE

## RJFE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	323959N/1284958E APRX 400m SW of AP administration office
2	Direction and distance from (city)	1.7nm SW of Goto city
3	Elevation/ Reference temperature	251FT / 34°C (2003-2007)
4	Geoid undulation at AD ELEV PSN	99ft
5	MAG VAR/ Annual change	7° W(2009) / 2.8°W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Fukue Airport Administration Office, Nagasaki Prefectural Government 2158 Kamioozu, Gotou-city, Nagasaki, 853-0013, JAPAN Tel: 0959-72-2400 e-mail: s12080@pref.nagasaki.lg.jp
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

## RJFE AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1030
2	Customs and immigration	On request Customs: 095-828-8641 Immigration: 095-822-5289
3	Health and sanitation	Quarantine(human): On request(095-826-8081) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (FUKUOKA)
7	ATS	2300 - 1030 Remarks: AFIS provided by Fukuoka Airport Office.
8	Fuelling	Nil
9	Handling	Nil
10	Security	2300 - 1030
11	De-icing	Nil
12	Remarks	Nil

**RJFE AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	Nil
3	Fuelling facilities/ capacity	Nil
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

**RJFE AD 2.5 PASSENGER FACILITIES**

1	Hotels	in Goto city 5km
2	Restaurants	at Airport
3	Transportation	Busses and Taxis
4	Medical facilities	First aid treatment center, Hospital in Goto city 5km
5	Bank and Post Office	in Goto city 5km
6	Tourist Office	in Goto city 5km
7	Remarks	Nil

**RJFE AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	CAT 7
2	Rescue equipment	Chemical fire fighting truck x 2
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

**RJFE AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Not AVBL
2	Clearance priorities	Nil
3	Remarks	Nil

## RJFE AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Asphalt Strength: SOUTH : PCR 377/F/B/X/T NORTH : PCR 172/F/C/Y/T
2	Taxiway width, surface and strength	Surface: Asphalt Width & Strength : T1 23m PCR 537/F/D/X/T T2 18m PCR 149/F/C/Y/T
3	ACL and elevation	Not AVBL
4	VOR checkpoints	Not AVBL
5	INS checkpoints	(Spot NR) 3: 323956.09N/1285017.80E 5: 323956.07N/1285017.79E 6: 323956.19N/1285017.54E
6	Remarks	Nil

## RJFE AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY:RWY03/21 (Marking):RWY designation, RWY CL, RWY THR, TDZ, Aiming point, RWY side stripe (LGT): RCLL, REDL, RTHL, RENL, RWY DIST marker LGT, TWY: (Marking): (LGT): TWY edge LGT, TWY CL LGT(TWY T1), Taxiing guidance sign
3	Stop bars	Nil
4	Remarks	(Marking): Overrun area (LGT): Apron flood LGT

## RJFE AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Nil					

In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Mountain	to be developed	1039ft	- / LIM	above the horizontal surface
Mountain	324436.0N/1284455.2E	830ft	- / LIM	above the horizontal surface
Antenna	323951.8N/1285036.0E	582ft	- / LIL	above the horizontal surface

RJFE AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	FUKUOKA
2	Hours of service MET Office outside hours	H24 (FUKUOKA)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuanc	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at FUKUOKA
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	RADIO
10	Additional information(limitation of service, etc.)	Nil

RJFE AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCR) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	025.75°	2000x45	PCR 440/F/B/X/T Asphalt Concrete	323929.34N/ 1284941.44E 372ft	THR ELEV:223FT
21	205.75°	2000x45	PCR 440/F/B/X/T Asphalt Concrete	324027.81N/ 1285014.79E 322ft	THR ELEV:273FT
Slope of RWY		Strip Dimensions(M)	RESA (Overrun) Dimensions(M)		Remarks
7		10	11		14
See AD 2.24 AD Chart		2120x150	195 x150		RWY Grooving 2000mx30m
		2120x150	45 x 150		

## RJFE AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
03	2000	2000	2000	2000	Nil
21	2000	2000	2000	2000	Nil

## RJFE AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
03	SALS (*1) 420m LIH	Green	PAPI 3.0° /Left 323m 61FT	Nil	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil(*2)
21	SALS (*1) 420m LIH	Green	PAPI 3.0° /Left 388m 61FT	Nil	2000m 30m Coded color (White/Red) LIH	2000m 60m Coded color (White/Yellow) LIH	Red	Nil(*2)
Remarks								
10								
SALS with RAI(LEN:480m)(*1) Overrun area edge LGT(LEN:60m,Color:Red)(*2)								

## RJFE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 324010N/1285018E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: RWY03: 210m from RWY 03 THR, LGTD RWY21: 260m from RWY 21 THR, LGTD
3	TWY edge and center line lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply/ switch-over time	Within 15 sec: All lights
5	Remarks	WDI LGT

## RJFE AD 2.16 HELICOPTER LANDING AREA

Nil
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RJFE AD 2.17 ATS AIRSPACE

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Transition altitude	Remarks
1		2	3	4	5	6
Fukue Information zone	Area within a radius of 5NM(9km) of ARP	3,000FT or below	E	Fukue Radio En	Nil	Nil

RJFE AD 2.18 ATS COMMUNICATION FACILITIES

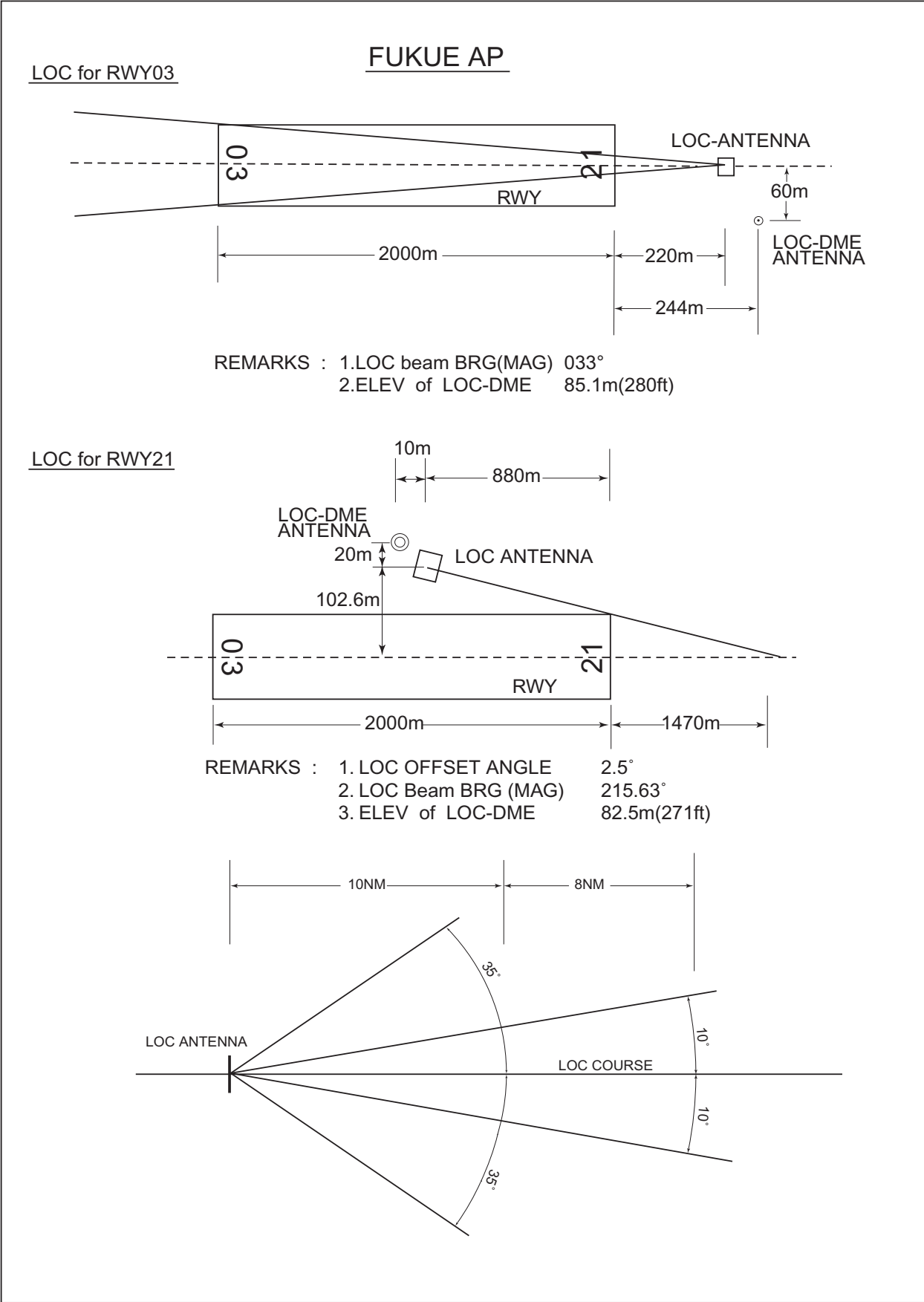
Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Fukue Radio	118.35MHz	2300 - 1030	Operated by Fukuoka Airport office.

RJFE AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (8°W / 2022)	FUE	115.8MHz	H24	324006.98N/ 1284936.25E		VOR/DME Unusable: 080° - 090° beyond 25nm BLW 4,000ft.
DME	FUE	1192MHz (CH-105X)	H24	324006.98N/ 1284936.25E	291FT	090° -100° beyond 15nm BLW 4,000ft. 100° -120° beyond 10nm BLW 4,000ft. 120° -140° beyond 5nm BLW 4,000ft. 250° -260° beyond 25nm BLW 4,000ft. 260° -300° beyond 15nm BLW 4,000ft. 300° -360° beyond 25nm BLW 4,000ft.
LOC 03	IFU	109.7MHz	2300-1030	324034.22N/ 1285018.44E		LOC 03: 220m (722ft) away FM RWY 21 THR, BRG (MAG) 033°
LOC-DME 03	IFU	995MHz (CH-34X)	2300-1030	324034.08N/ 1285020.92E	280FT	LOC-DME 03: 244m (801ft) away FM RWY 21 THR, 60m (197ft) E of RCL.
LOC 21	IFE	110.1MHZ	2300-1030	324003.51N/ 1284956.55E		LOC 21: 880(2887FT) inside FM RWY 21 THR, 102.6m(337FT) W of RCL. LOC off-set angle 2.5° BRG(MAG)215.63°
LOC-DME 21	IFE	999MHz (CH-38X)	2300-1030	324003.50N/ 1284955.69E	271FT	LOC-DME 21: 890m(2920FT) inside FM RWY21 THR. 122.6m(402FT) W of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.

RJFE / FUKUE

LOC



RJFE AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Aircraft operations other than scheduled flights or in an emergency on use of this airport, aircraft operator is required to obtain the prior permission of the airport administrator.

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJFE AD 2.21 NOISE ABATEMENT PROCEDURES

Nil



**RJFE AD 2.22 FLIGHT PROCEDURES****1.TAKE OFF MINIMA**

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAY ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP Filed	03	A,B,C,D	-	400m	-	400m	-	500m
	21	A,B,C,D	-	400m	-	400m	-	500m
OTHER	03	A,B,C,D	AVBL LDG MINIMA					
	21	A,B,C,D						

**RJFE AD 2.23 ADDITIONAL INFORMATION**

Nil
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**RJFE AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart  
Standard Departure Chart - Instrument (NAGASAKI, IKI, FUKUE REVERSAL)  
Standard Departure Chart - Instrument (AGRIT-RNAV)  
Standard Departure Chart - Instrument (OLVIN-RNAV)  
Instrument Approach Chart (LOC RWY03)  
Instrument Approach Chart (VOR RWY03)  
Instrument Approach Chart (LOC Z RWY21)  
Instrument Approach Chart (LOC Y RWY21)  
Instrument Approach Chart (VOR RWY21)  
Instrument Approach Chart (RNP RWY03)  
Instrument Approach Chart (RNP RWY21)  
Other Chart (Visual REP)  
Other Chart (LDG CHART)  
Other Chart (MVA CHART)

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## AD CHART

**Dimensions of RWY** : 2000m x 45m (RWY grooving 2000m x 30m)  
**Strength & surface of RWY** : PCR 440/F/B/X/T Asphalt Concrete  
**MAG BRG** : 33°/213°  
**THR GUND** : RWY03/ 372ft, RWY21/ 322ft

**FUKUE AP**  
ELEV. 251ft

**FUKUE RADIO**  
118.35

**VAR 7°W(2009)**  
**Annual change 2.8°W**

**VOR/DME(FUE)**

**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

**INS CK point**  
3: 323956.09N/1285017.80E  
5: 323956.07N/1285017.79E  
6: 323956.19N/1285017.54E

**LONGITUDINAL PROFILE OF RWY 03**

Distance (m)	Elevation (ft)	Elevation (m)	Grade (%)
0	223ft	(68.1m)	0.8%
240	230ft	(70.0m)	0.68%
340	232ft	(70.6m)	0.8%
560	237ft	(72.4m)	0.91%
660	240ft	(73.3m)	0.85%
760	243ft	(74.2m)	1.0%
1900	260ft	(79.4m)	0.75%
1950	268ft	(81.7m)	0.56%
1980	270ft	(82.3m)	0.5%
2000	273ft	(83.2m)	0.1%

**LONGITUDINAL PROFILE OF RWY 21**

Distance (m)	Elevation (ft)	Elevation (m)	Grade (%)
0	223ft	(68.1m)	0.8%
240	230ft	(70.0m)	0.68%
340	232ft	(70.6m)	0.8%
560	237ft	(72.4m)	0.91%
660	240ft	(73.3m)	0.85%
760	243ft	(74.2m)	1.0%
1900	260ft	(79.4m)	0.75%
1950	268ft	(81.7m)	0.56%
1980	270ft	(82.3m)	0.5%
2000	273ft	(83.2m)	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.

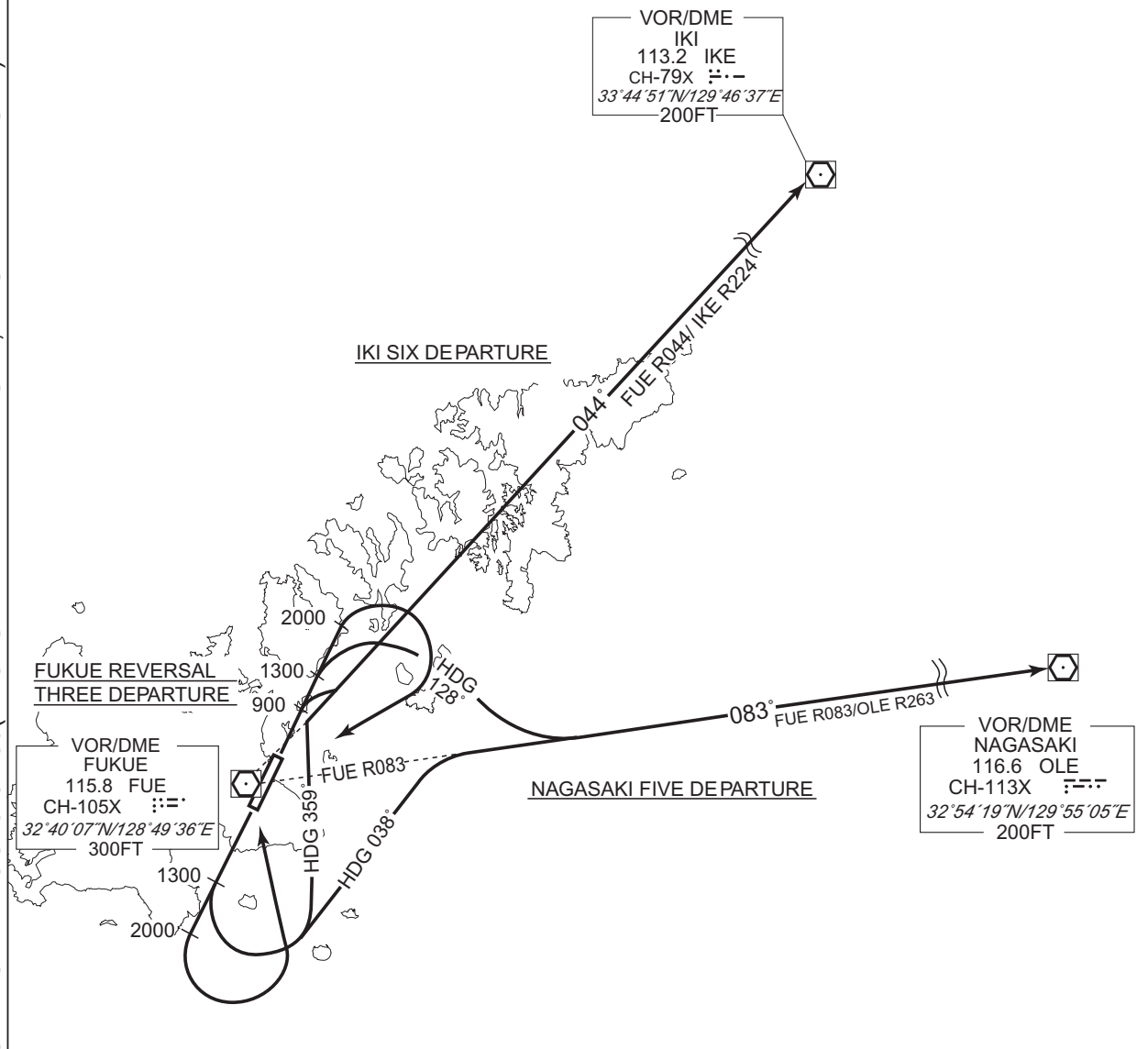
IKI SIX DEPARTURE

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.

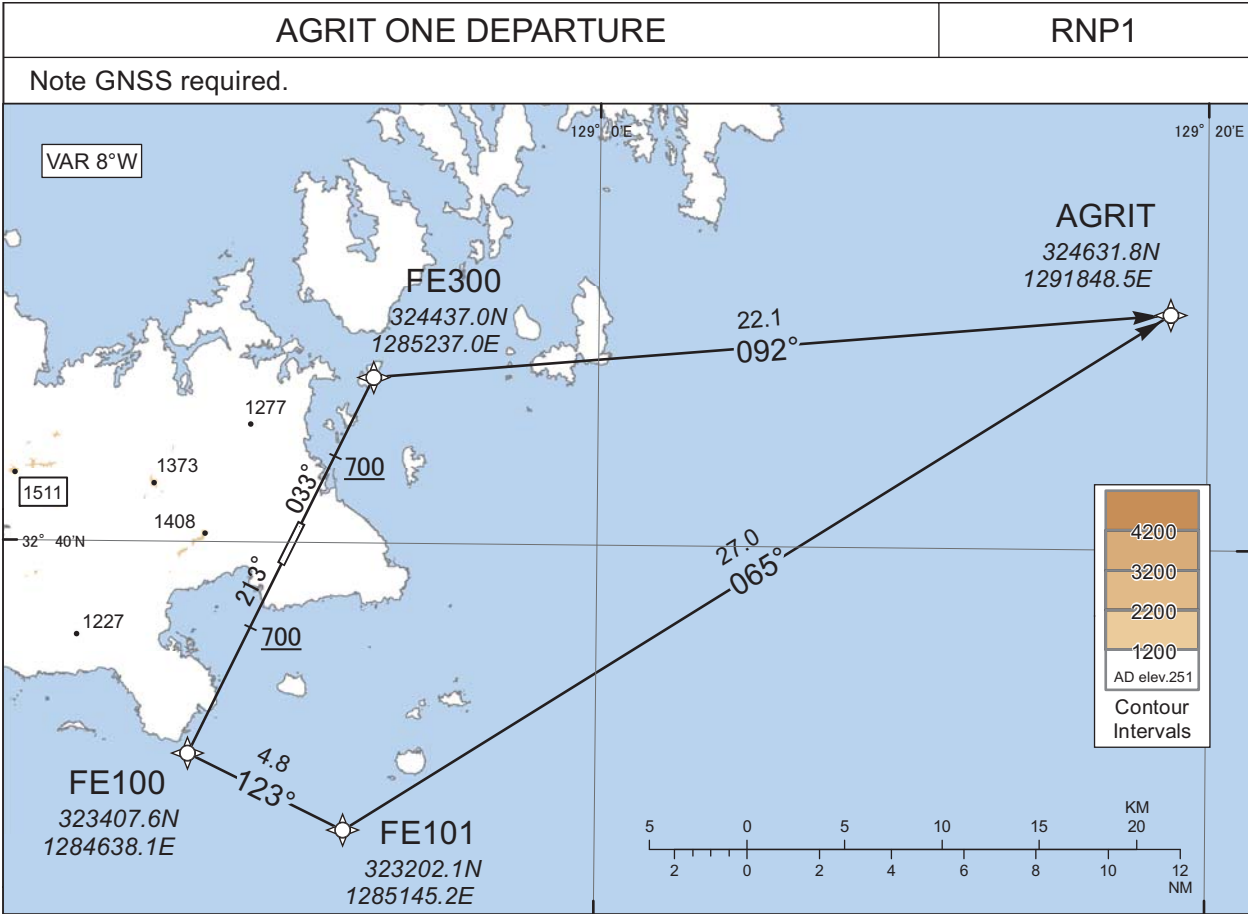
CHANGE : PROC renamed(NAGASAKI FIVE DEPARTURE, IKI SIX DEPARTURE). PROC course.



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

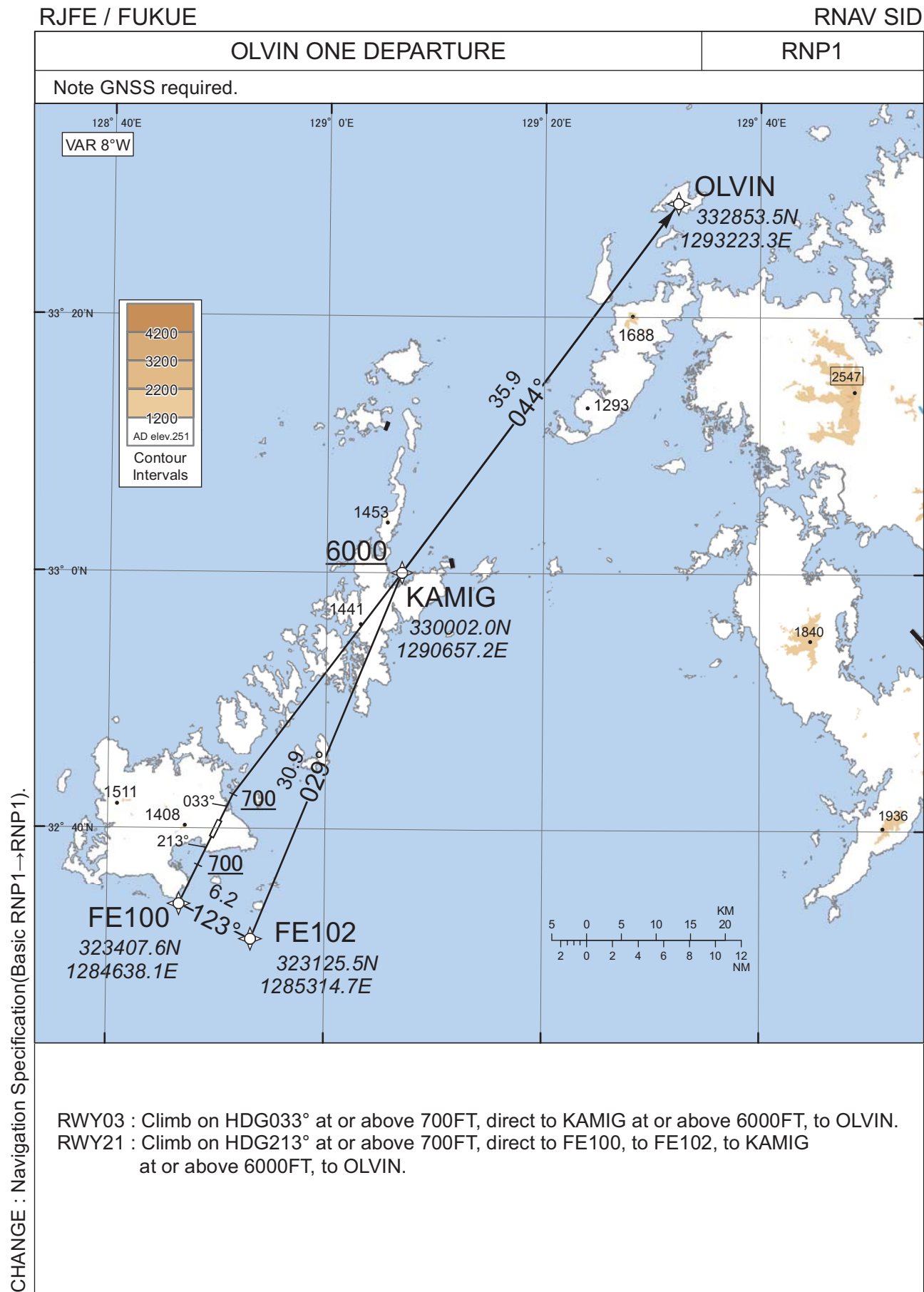
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	033 (025.6)	-7.5	-	-	+700	-	-	RNP1
002	DF	FE300	-	-	-7.5	-	-	-	-	-	RNP1
003	TF	AGRIT	-	092 (084.9)	-7.5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



## RJFE / FUKUE

## OLVIN ONE DEPARTURE

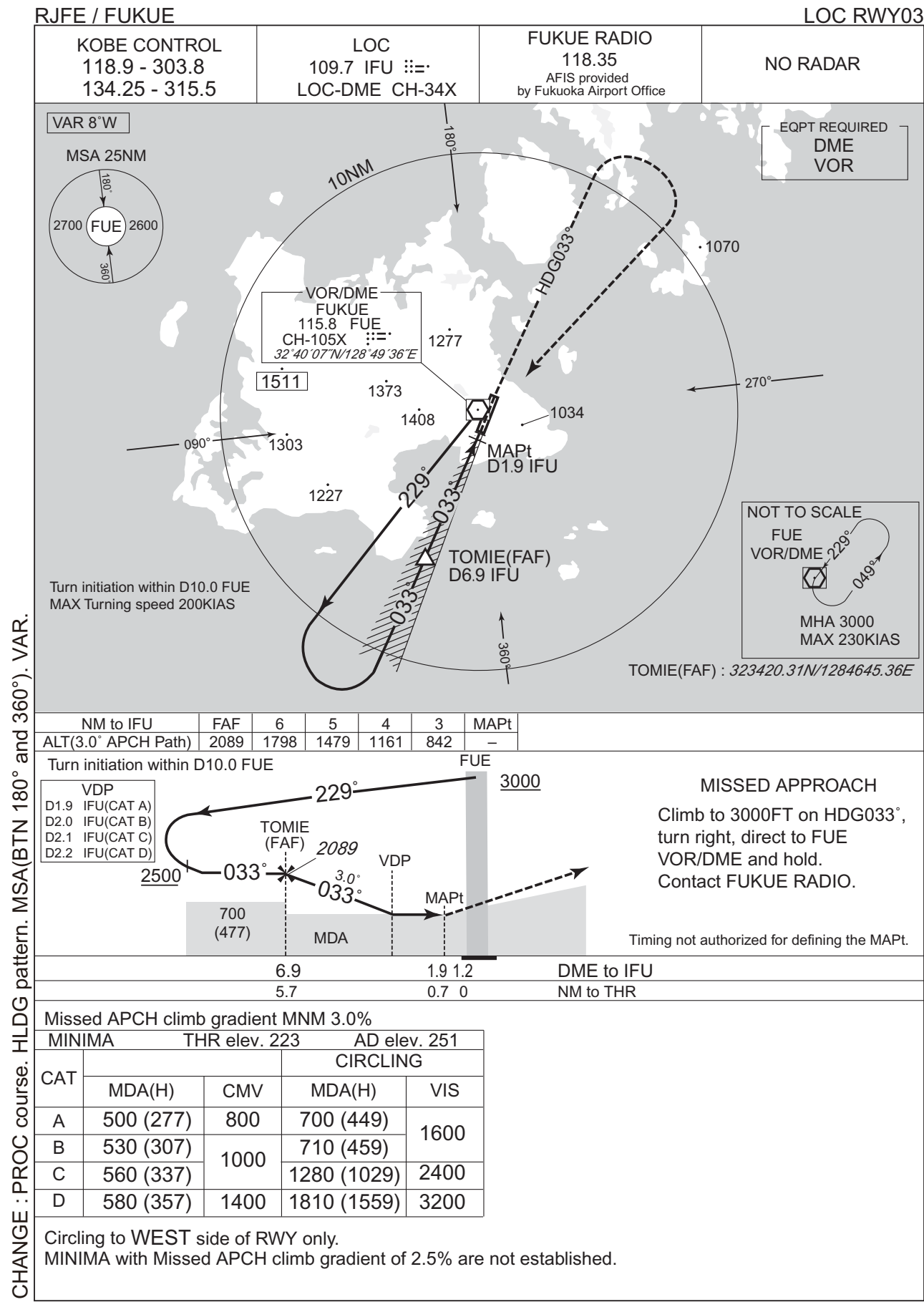
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	033 (025.6)	-7.5	-	-	+700	-	-	RNP1
002	DF	KAMIG	-	-	-7.5	-	-	+6000	-	-	RNP1
003	TF	OLVIN	-	044 (036.3)	-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

CHANGE : Navigation Specification(Basic RNP1  $\rightarrow$  RNP1).



INSTRUMENT APPROACH CHART



## RJFE / FUKUE

KOBE CONTROL  
118.9 - 303.8  
134.25 - 315.5

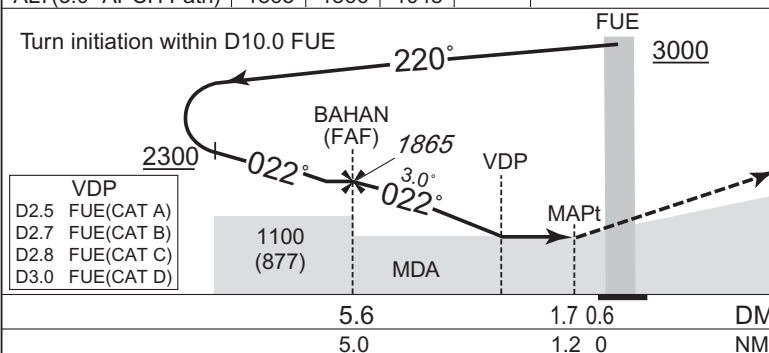
FUKUE VOR/DME  
115.8 FUE  
CH-105X ::=  
32°40'07"N/128°49'36"E

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.

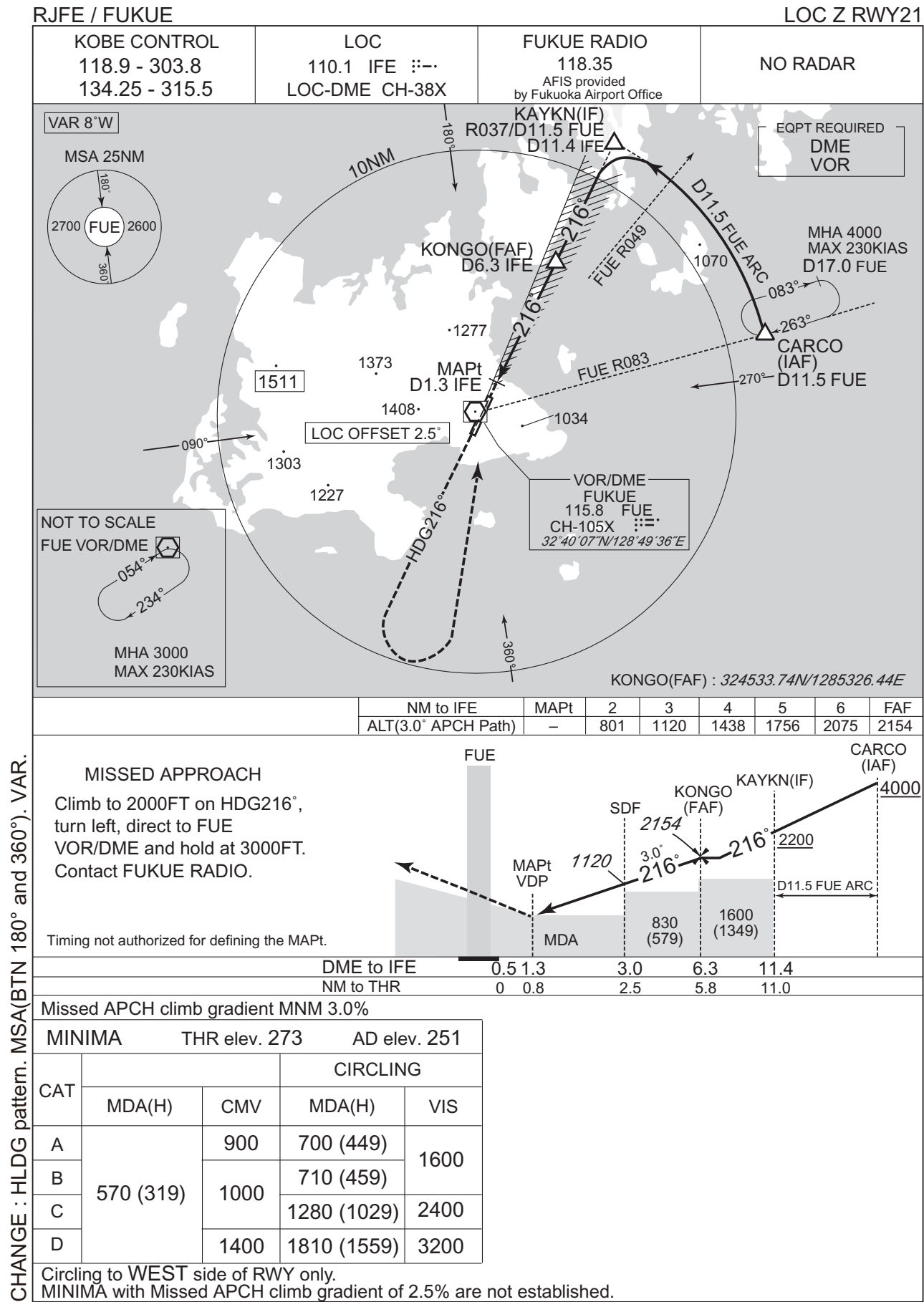
Timing not authorized for defining the MAPt.

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

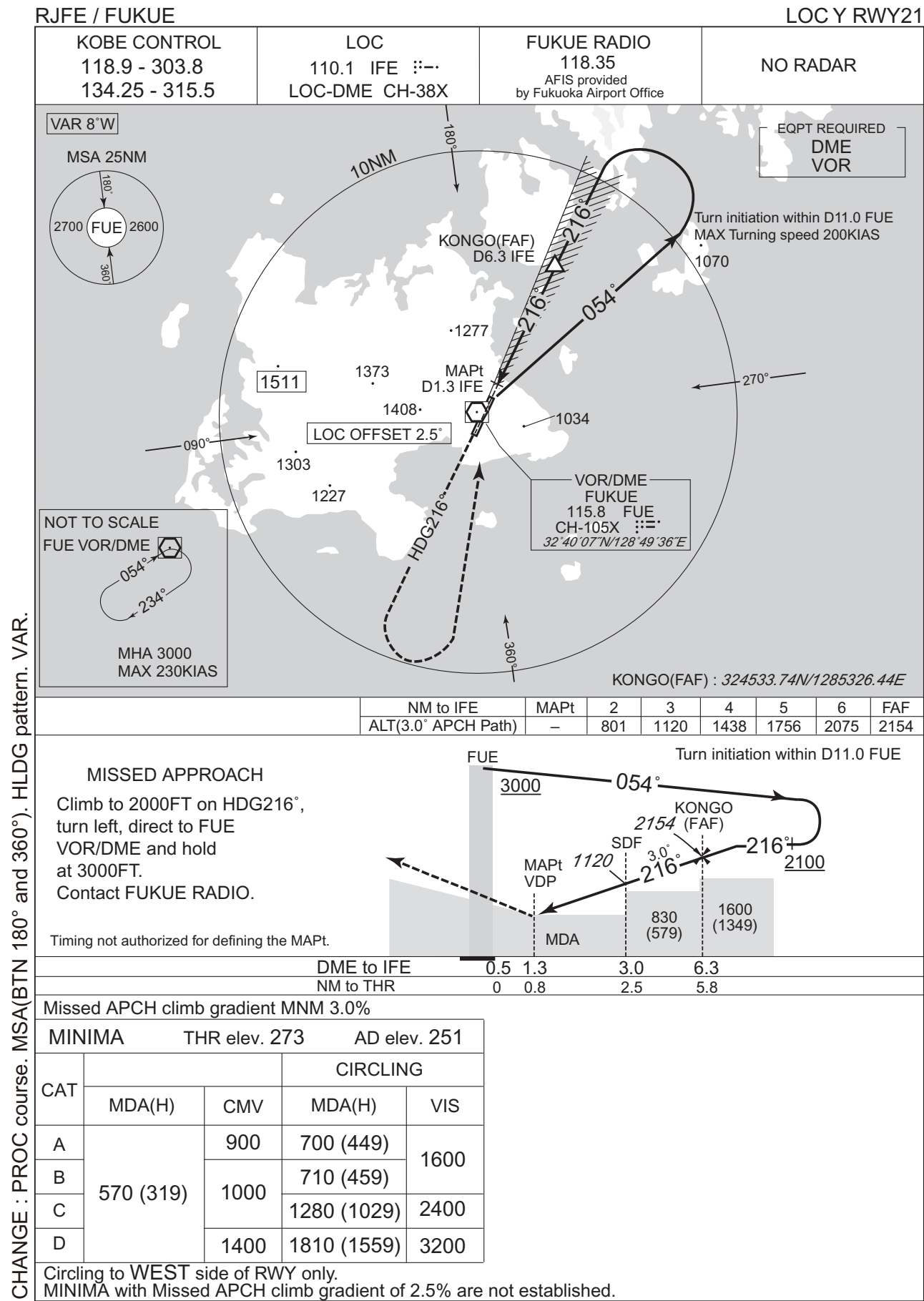
Circling to WEST side of RWY only.  
MINIMA with Missed APCH climb gradient of 2.5% are not established.

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

INSTRUMENT APPROACH CHART

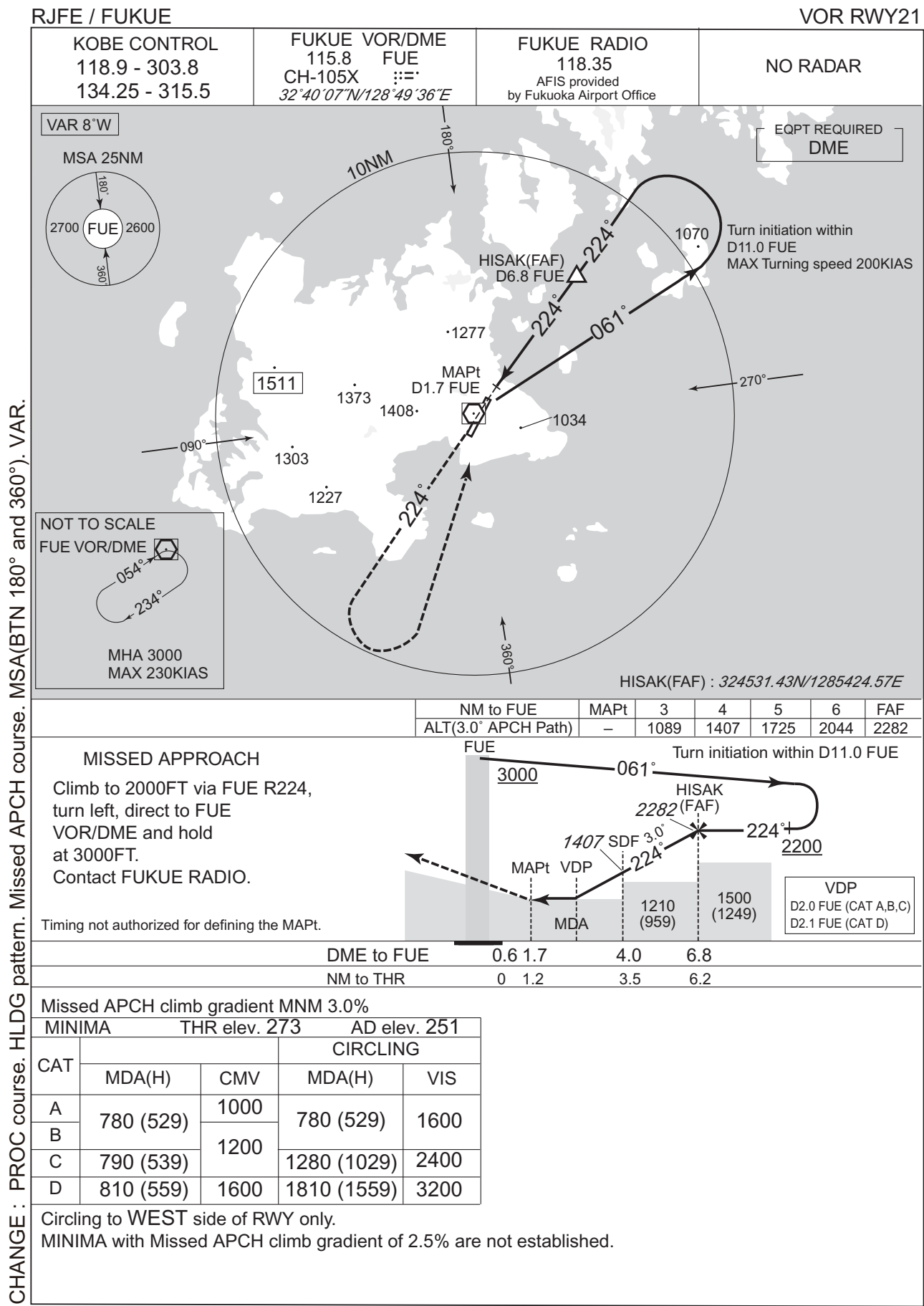


INSTRUMENT APPROACH CHART



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

INSTRUMENT APPROACH CHART



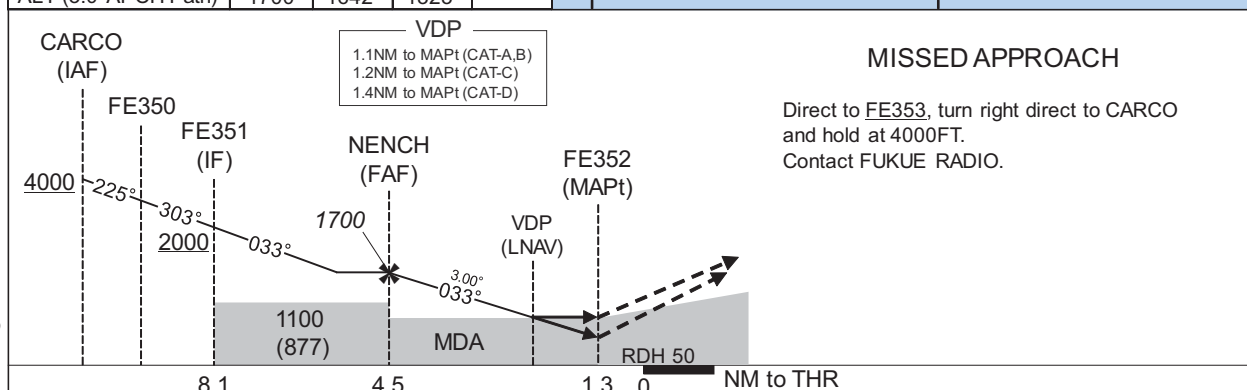
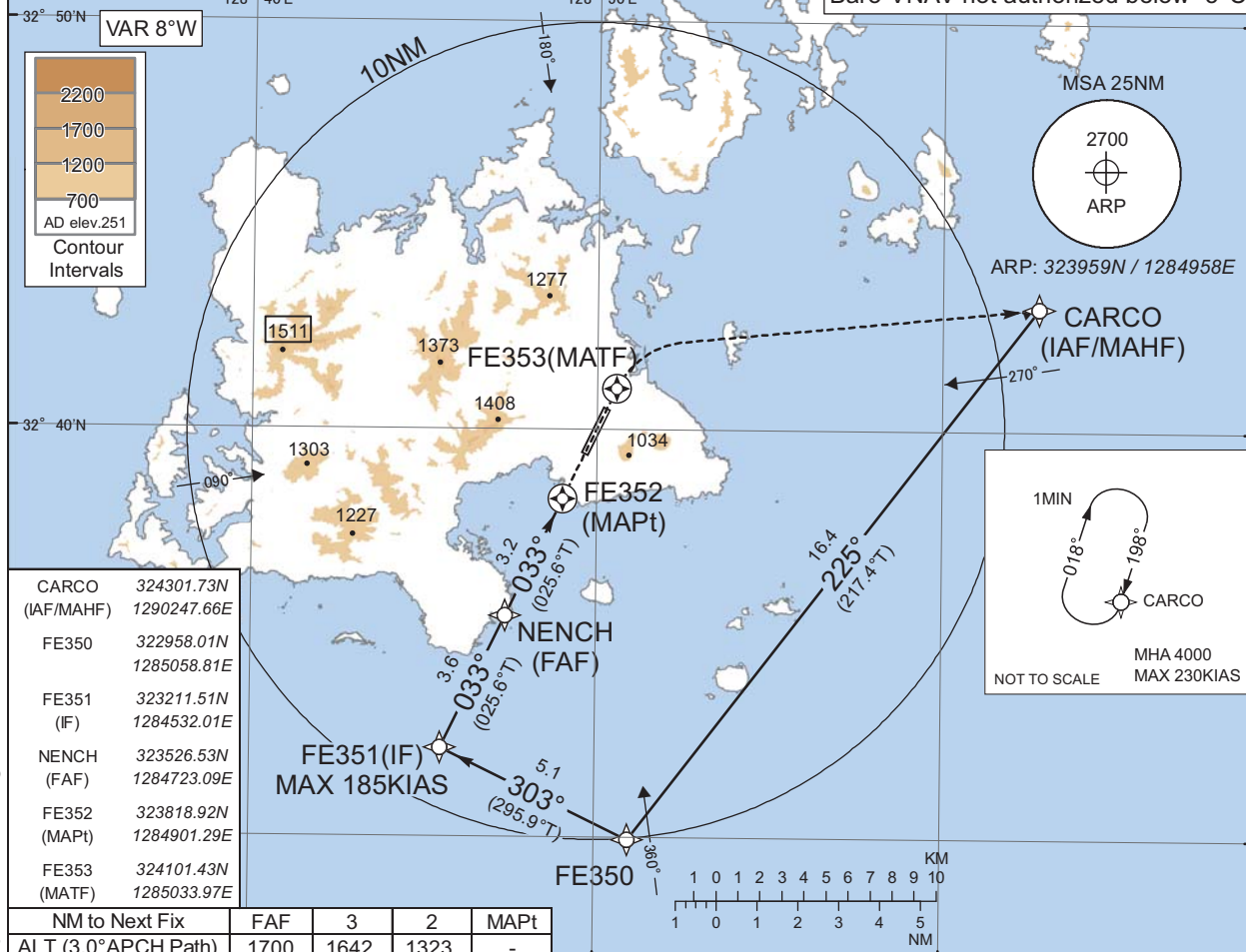
## INSTRUMENT APPROACH CHART

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

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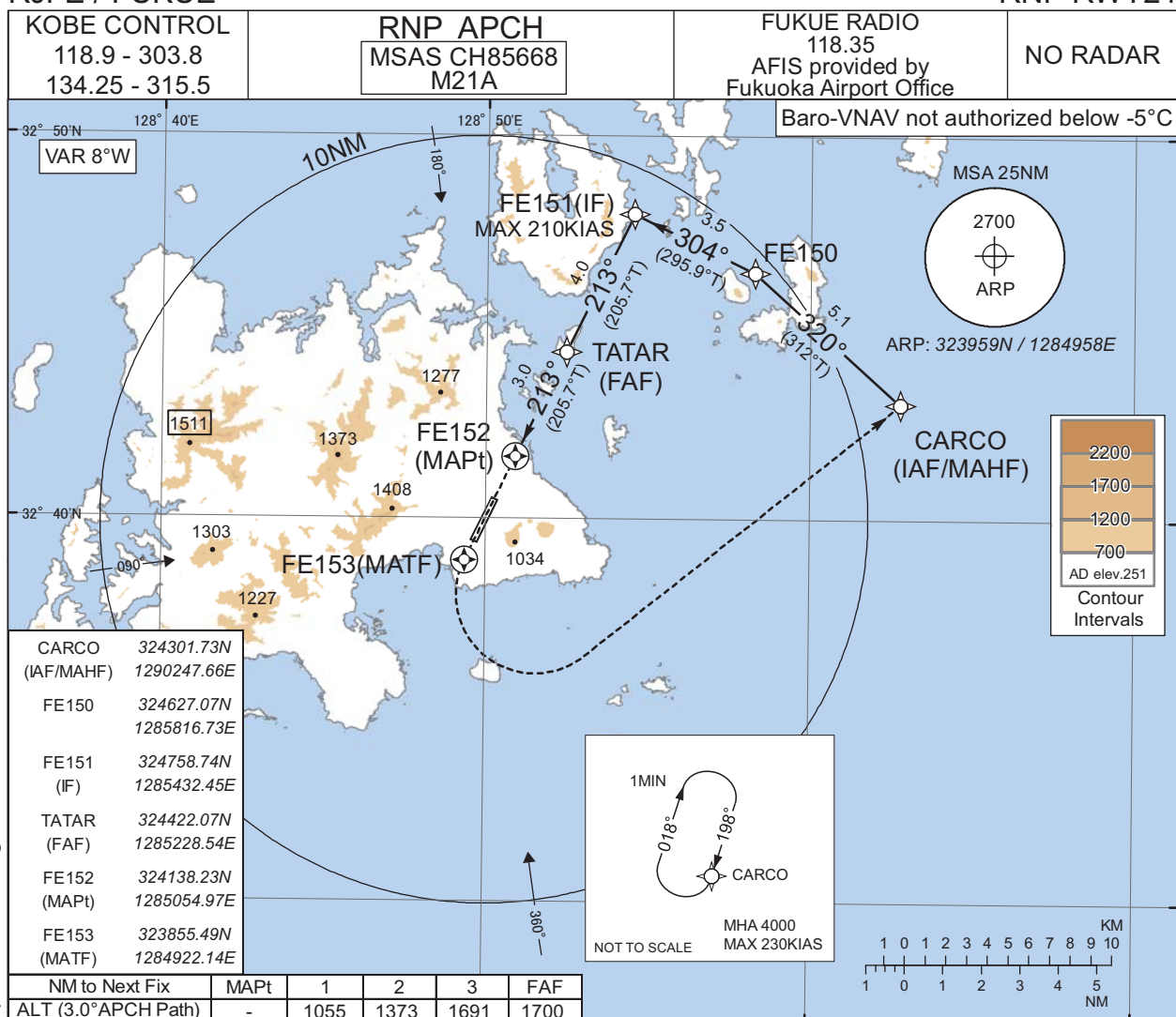
CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).



## INSTRUMENT APPROACH CHART

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)

FE151 (IF)

TATAR (FAF)

FE152 (MAPt)

VDP (LNAV)

RDH 50

MDA

1600  
(1349)

NM to THR

0

1.3

4.3

8.3

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

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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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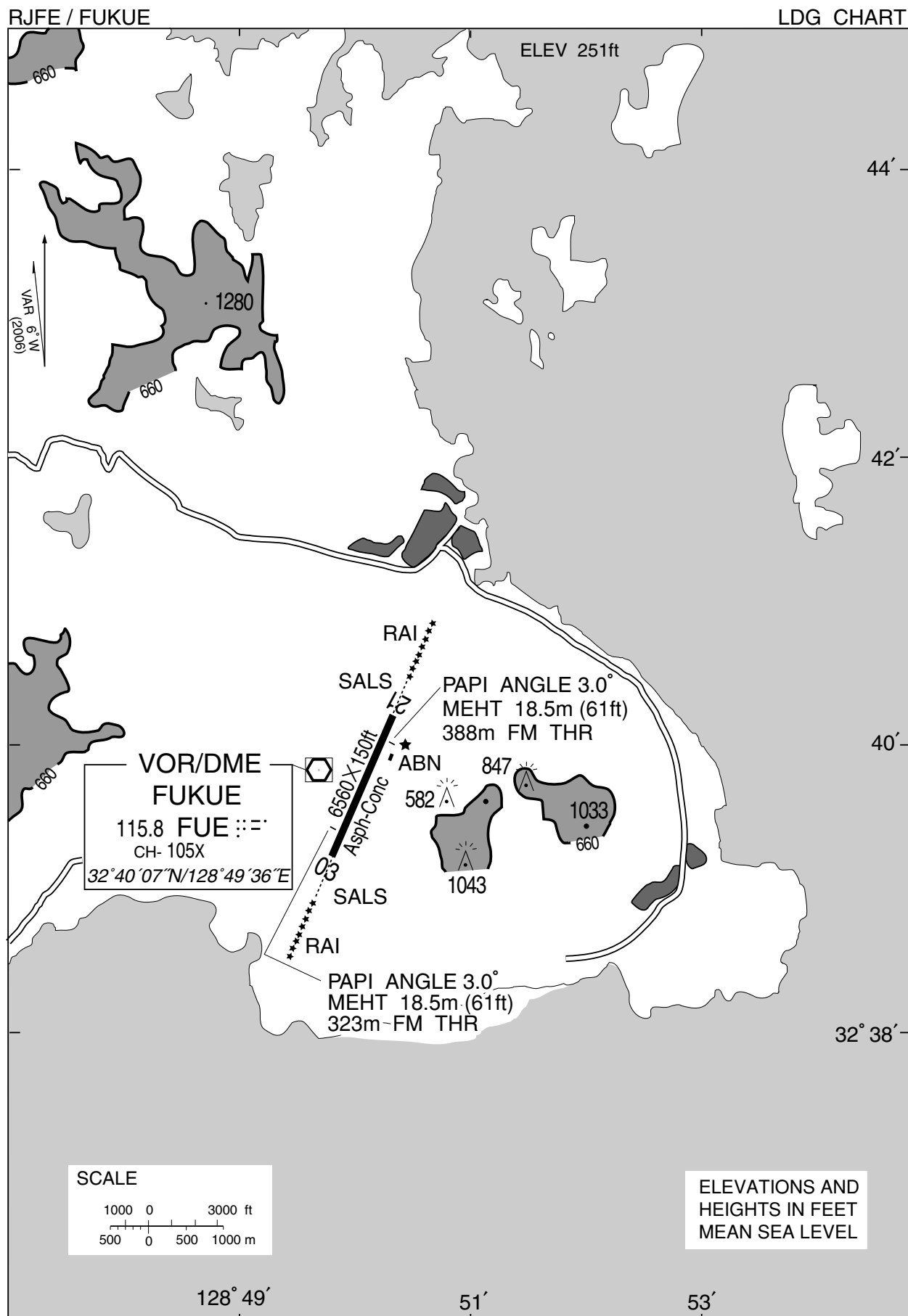
Visual REP



※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.

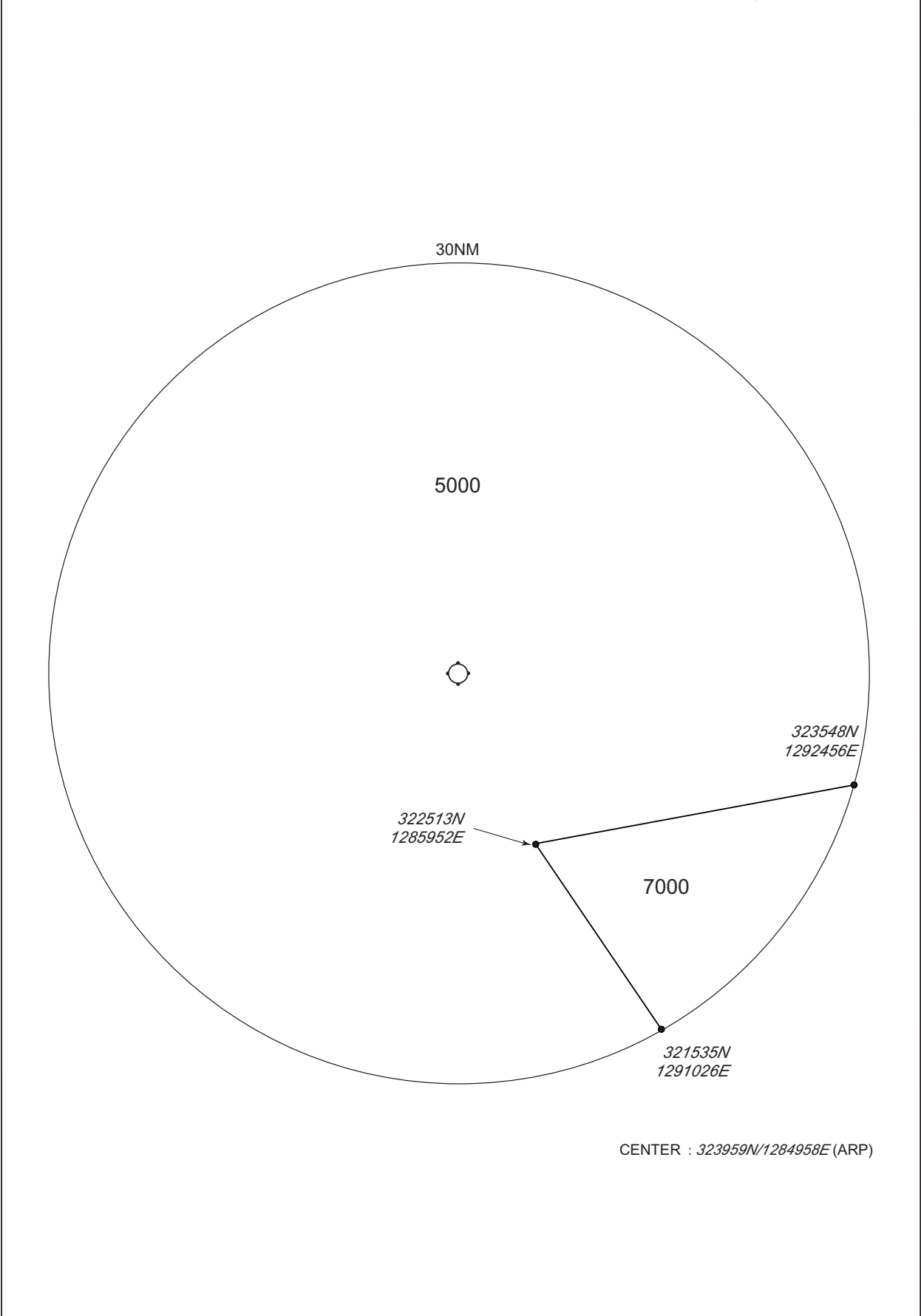
Call sign	BRG / DIST from ARP	Remarks
奈留島 Narushima	029°T / 10.8NM	浦港 Harbor
枇島 Kabashima	053°T / 10.2NM	島 Island
京ノ岳 Kyonodake	304°T / 10.1NM	レーダーサイト Radar site
蝶螺島 Sazaejima	055°T / 4.0NM	島 Island
二本楠 Nihongusu	275°T / 5.2NM	十字路 Intersection
富江港 Tomieko	230°T / 4.4NM	港 Harbor
大瀬崎 Osezaki	255°T / 12.2NM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



**INTENTIONALLY LEFT BLANK**