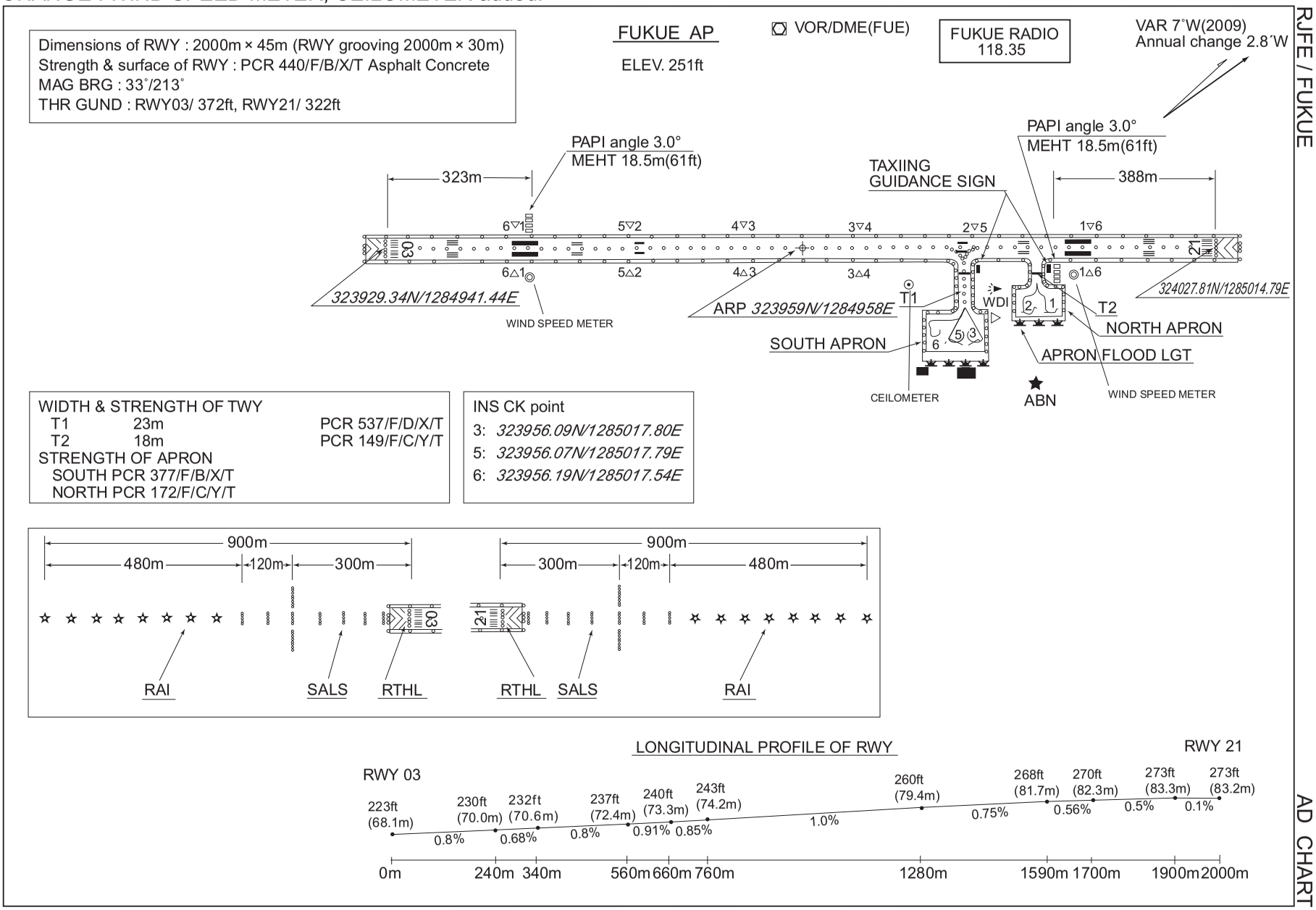
CHANGE : WIND SPEED METER, CEILOMETER added.



RJFE / FUKUE

AD CHART

INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE SID

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

NAGASAKI FIVE DEPARTURE

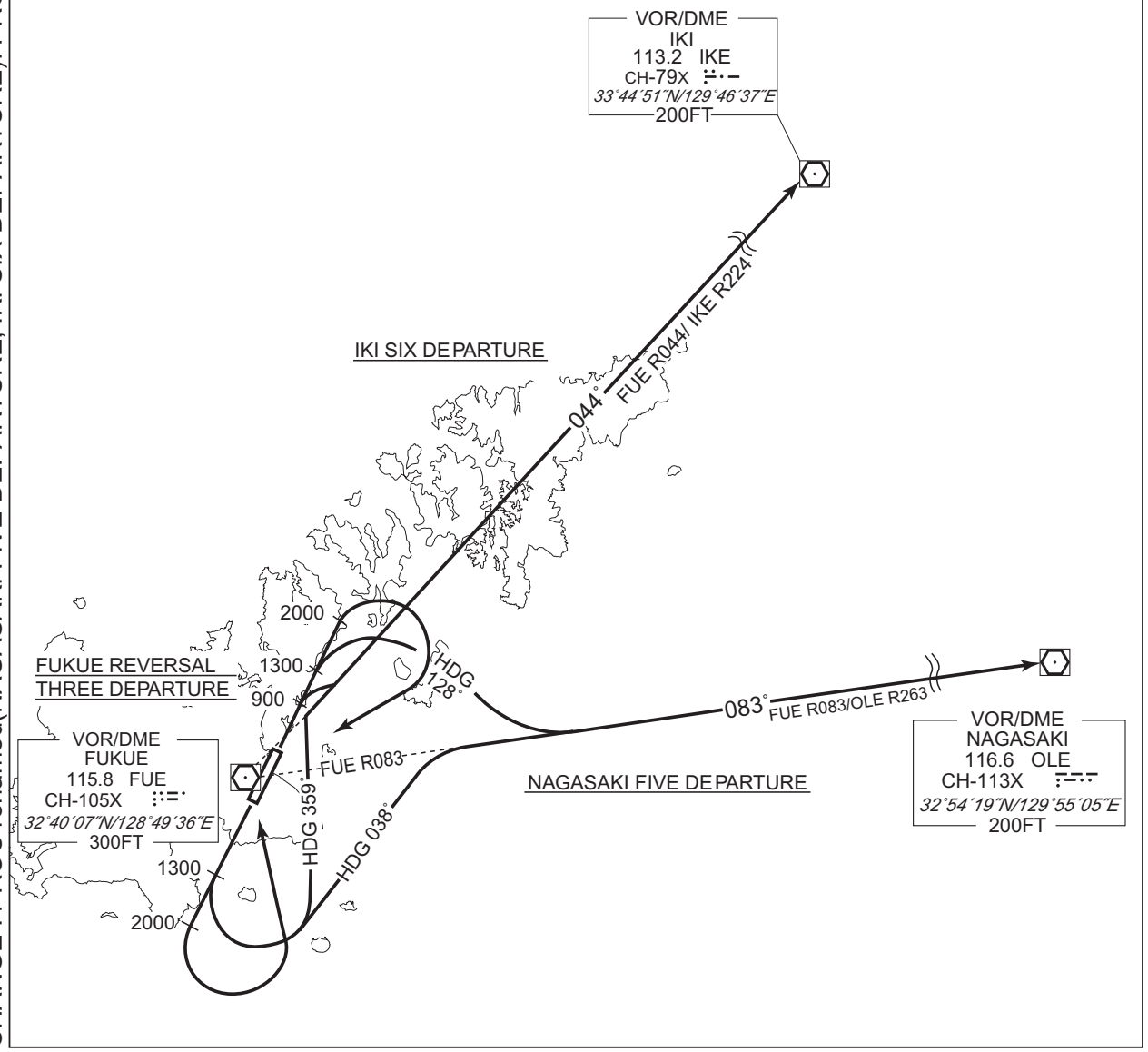
RWY 03 : Climb RWY HDG to 1300FT, turn right HDG128˚...
RWY 21 : Climb RWY HDG to 1300FT, turn left HDG038˚...
...to intercept and proceed via FUE R083/OLE R263 to OLE VOR/DME.

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.



STANDARD DEPARTURE CHART - INSTRUMENT

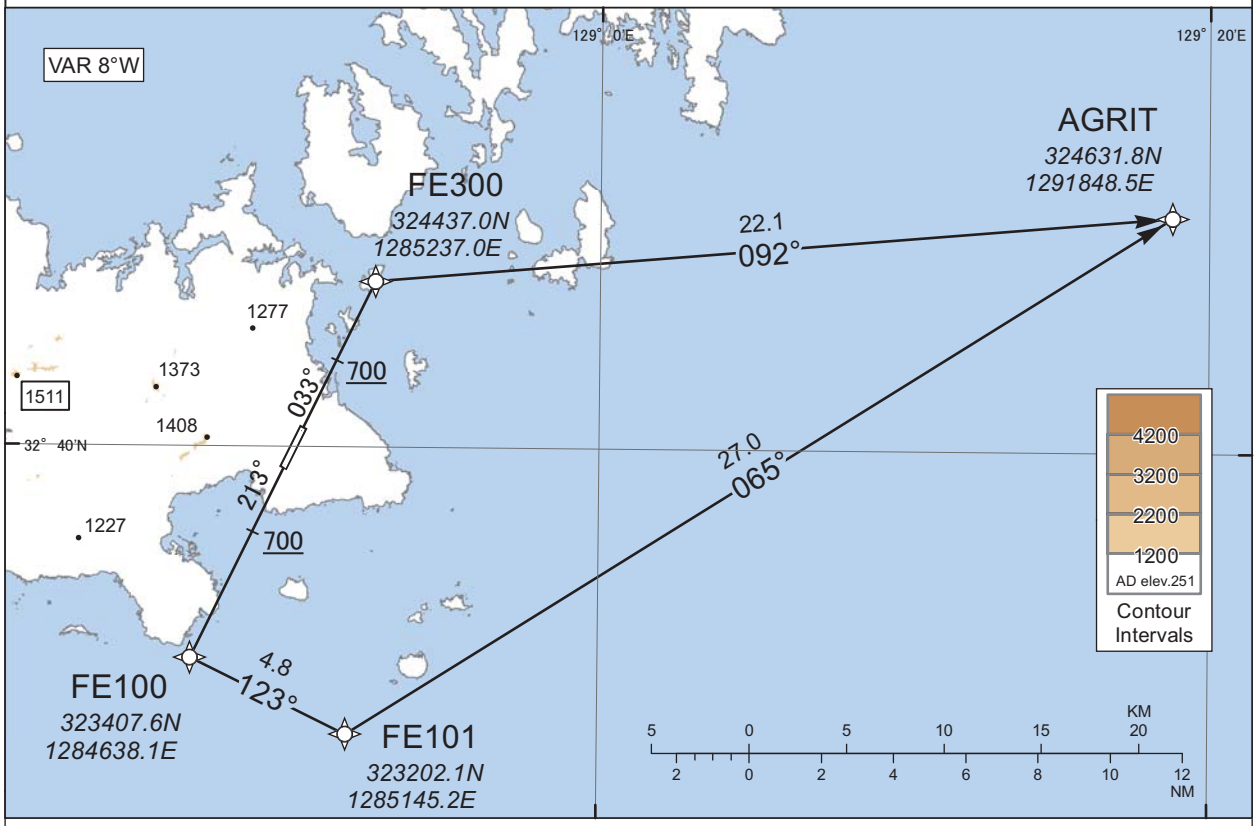
RJFE / FUKUE

RNAV SID

AGRIT ONE DEPARTURE

RNP1

Note GNSS required.



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).

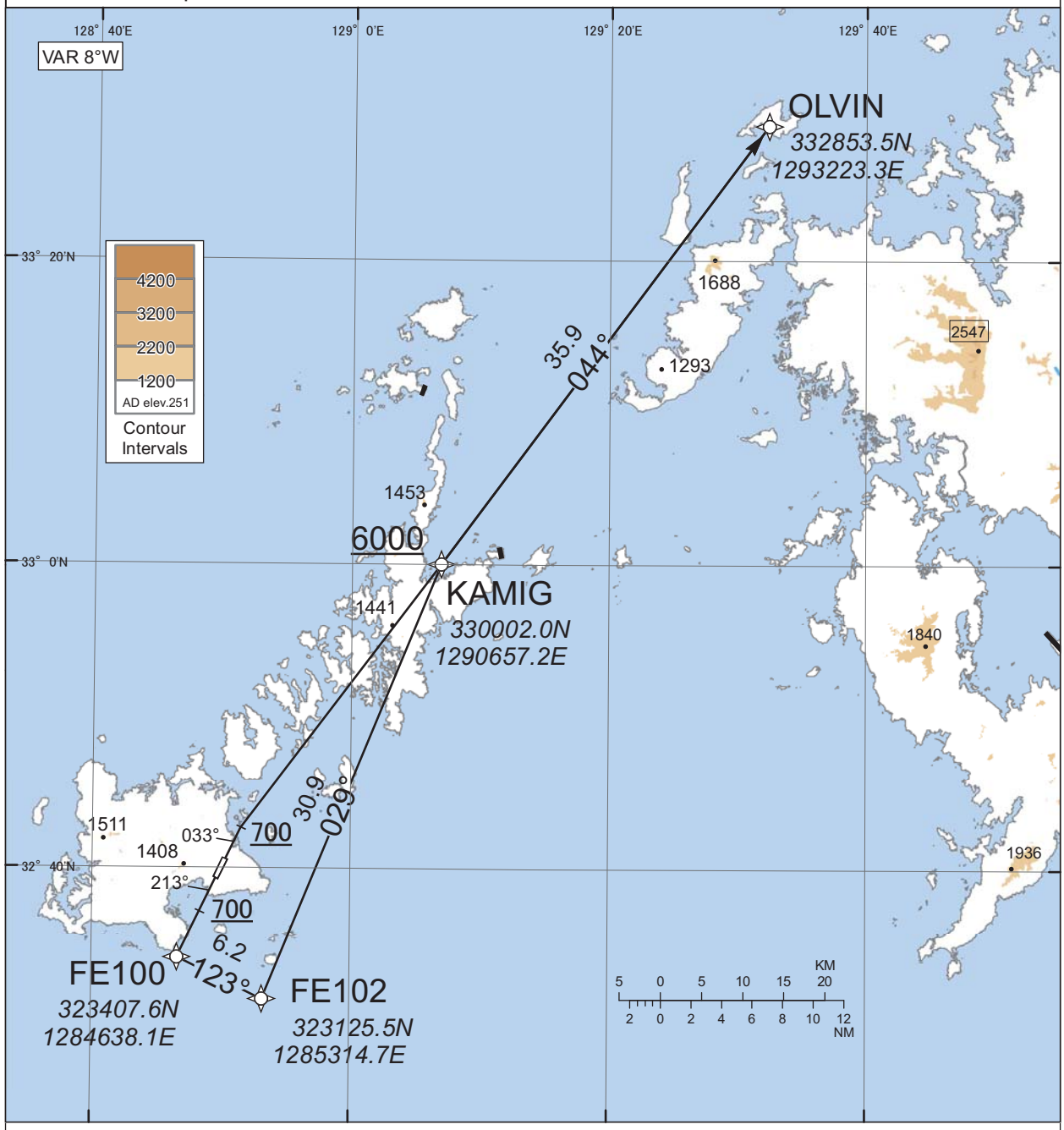
STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

RNAV SID

OLVIN ONE DEPARTURE	RNP1

Note GNSS required.



RWY03 : Climb on HDG033° at or above 700FT, direct to KAMIG at or above 6000FT, to OLVIN.
RWY21 : Climb on HDG213° at or above 700FT, direct to FE100, to FE102, to KAMIG at or above 6000FT, to OLVIN.

CHANGE : Navigation Specification(Basic RNP1→RNP1).

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

RWY21

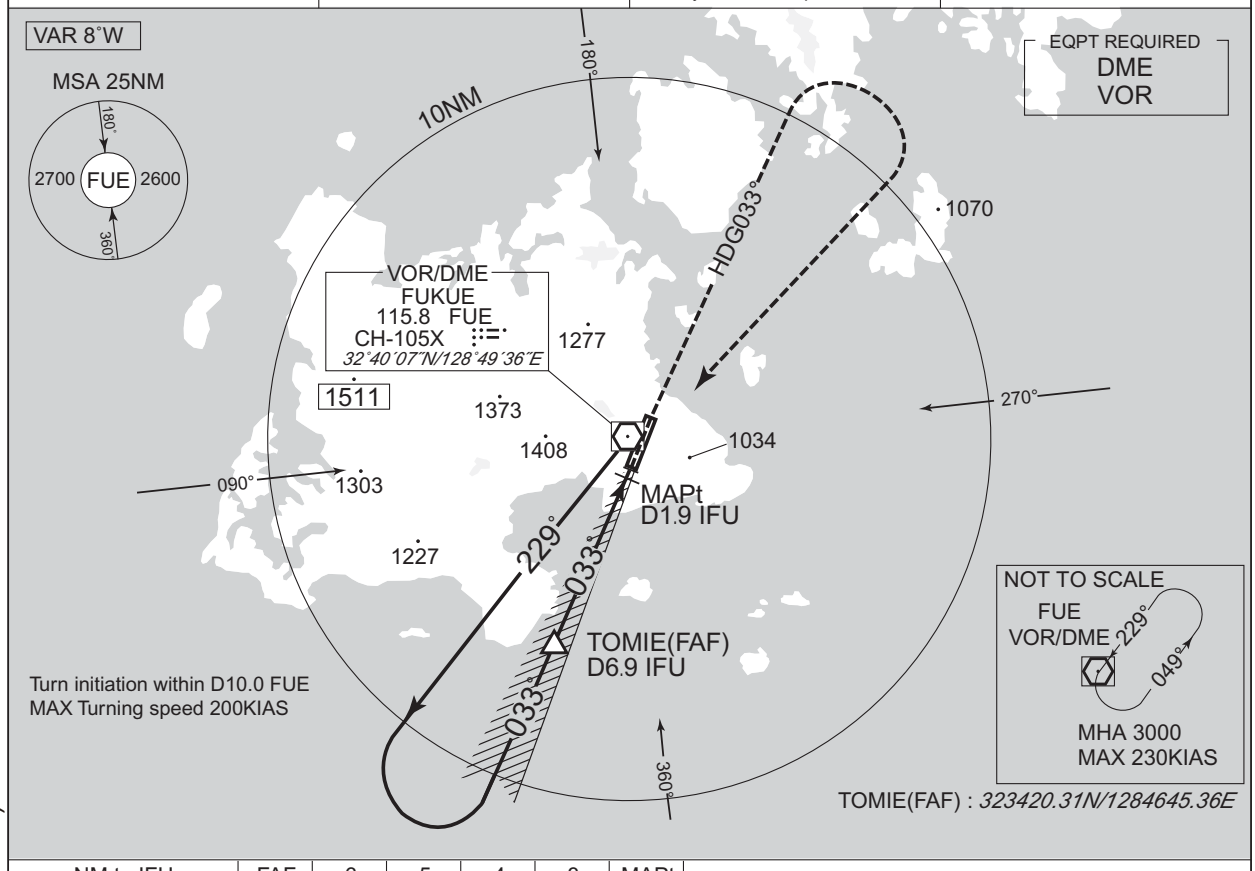
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	213 (205.7)	-7.5	-	-	+700	-	-	RNP1
002	DF	FE100	-	-	-7.5	-	-	-	-	-	RNP1
003	TF	FE102	-	123 (115.8)	-7.5	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 → RNP1).

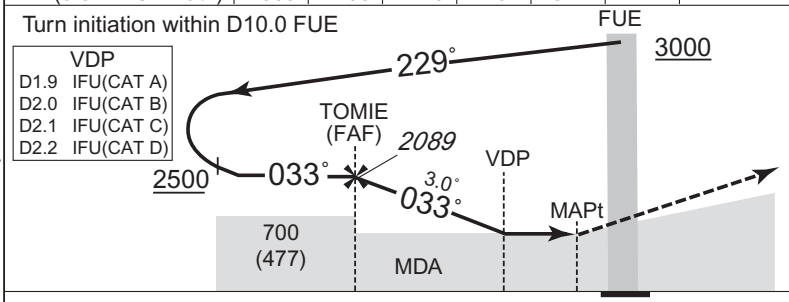
INSTRUMENT APPROACH CHART

RJFE / FUKUE LOC RWY03

KOBE CONTROL	LOC	FUKUE RADIO	NO RADAR
118.9 - 303.8 134.25 - 315.5	109.7 IFU LOC-DME CH-34X	118.35 AFIS provided by Fukuoka Airport Office	



NM to IFU	FAF	6	5	4	3	MAPt
ALT(3.0˚ APCH Path)	2089	1798	1479	1161	842	–



MISSED APPROACH

Climb to 3000FT on HDG033˚, turn right, direct to FUE VOR/DME and hold. Contact FUKUE RADIO.

Timing not authorized for defining the MAPt.

6.9		1.9 1.2	DME to IFU
5.7		0.7 0	NM to THR

Missed APCH climb gradient MNM 3.0%

MINIMA	THR elev. 223		AD elev. 251	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	500 (277)	800	700 (449)	1600
B	530 (307)	1000	710 (459)	
C	560 (337)		1280 (1029)	2400
D	580 (357)	1400	1810 (1559)	3200

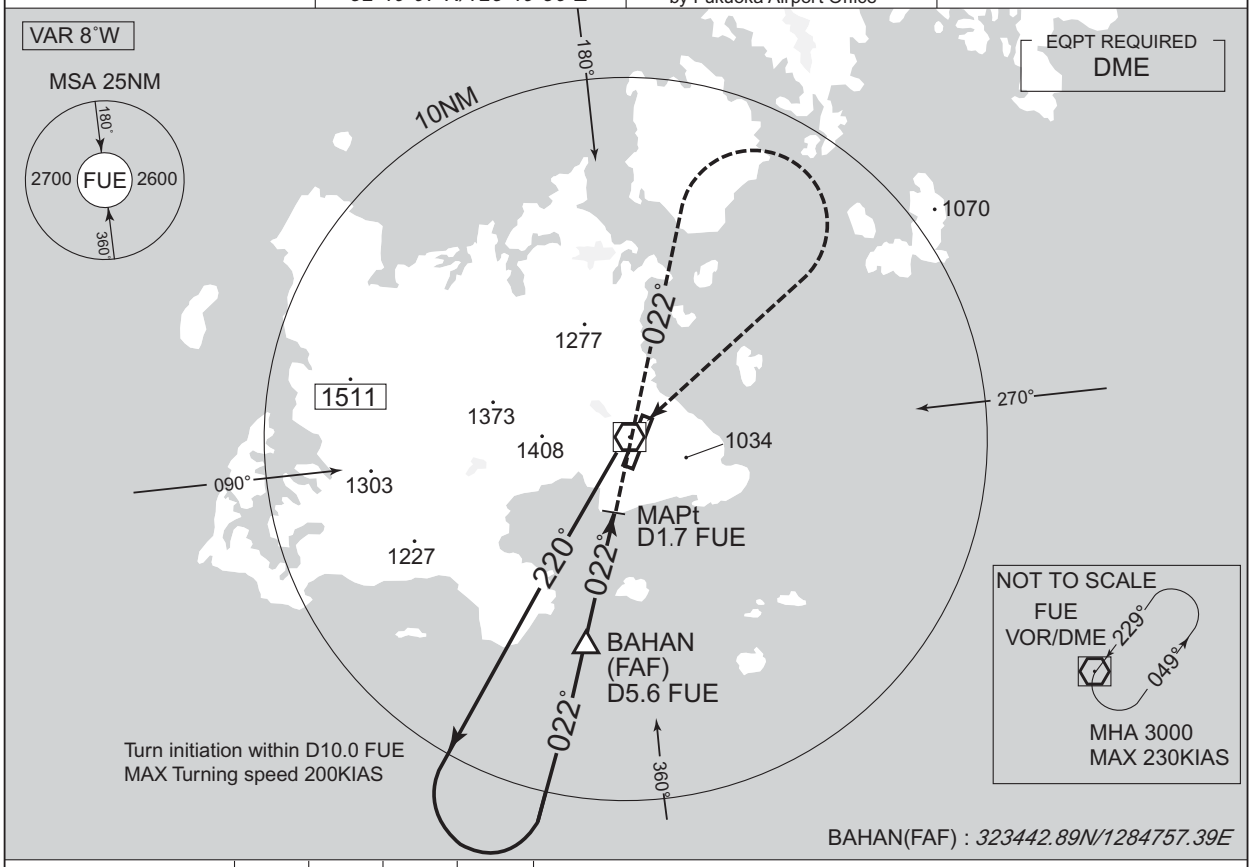
Circling to WEST side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

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

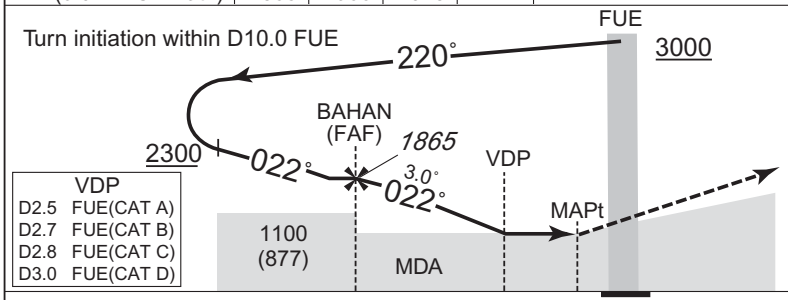
INSTRUMENT APPROACH CHART

RJFE / FUKUE — VOR RWY03

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



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.

5.6	1.7	0.6	DME to FUE
5.0	1.2	0	NM to THR

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

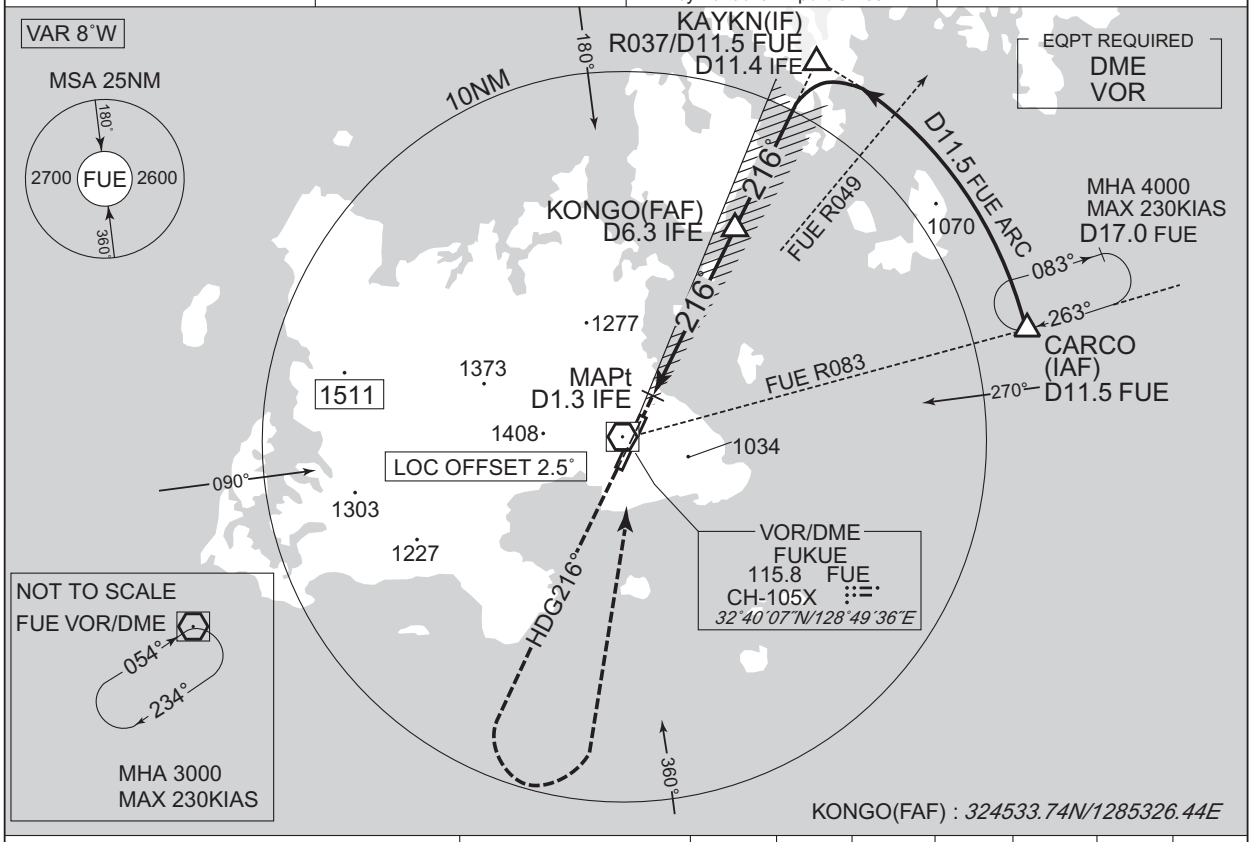
Circling to WEST side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

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

INSTRUMENT APPROACH CHART

RJFE / FUKUE — LOC Z RWY21

KOBE CONTROL	LOC	FUKUE RADIO	NO RADAR
118.9 - 303.8 134.25 - 315.5	110.1 IFE LOC-DME CH-38X	118.35 AFIS provided by Fukuoka Airport Office	

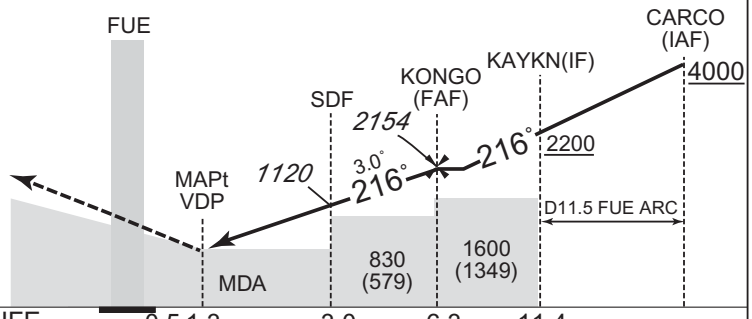


NM to IFE	MAPt	2	3	4	5	6	FAF
ALT(3.0˚ APCH Path)	–	801	1120	1438	1756	2075	2154

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		1400	1810 (1559)	3200

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

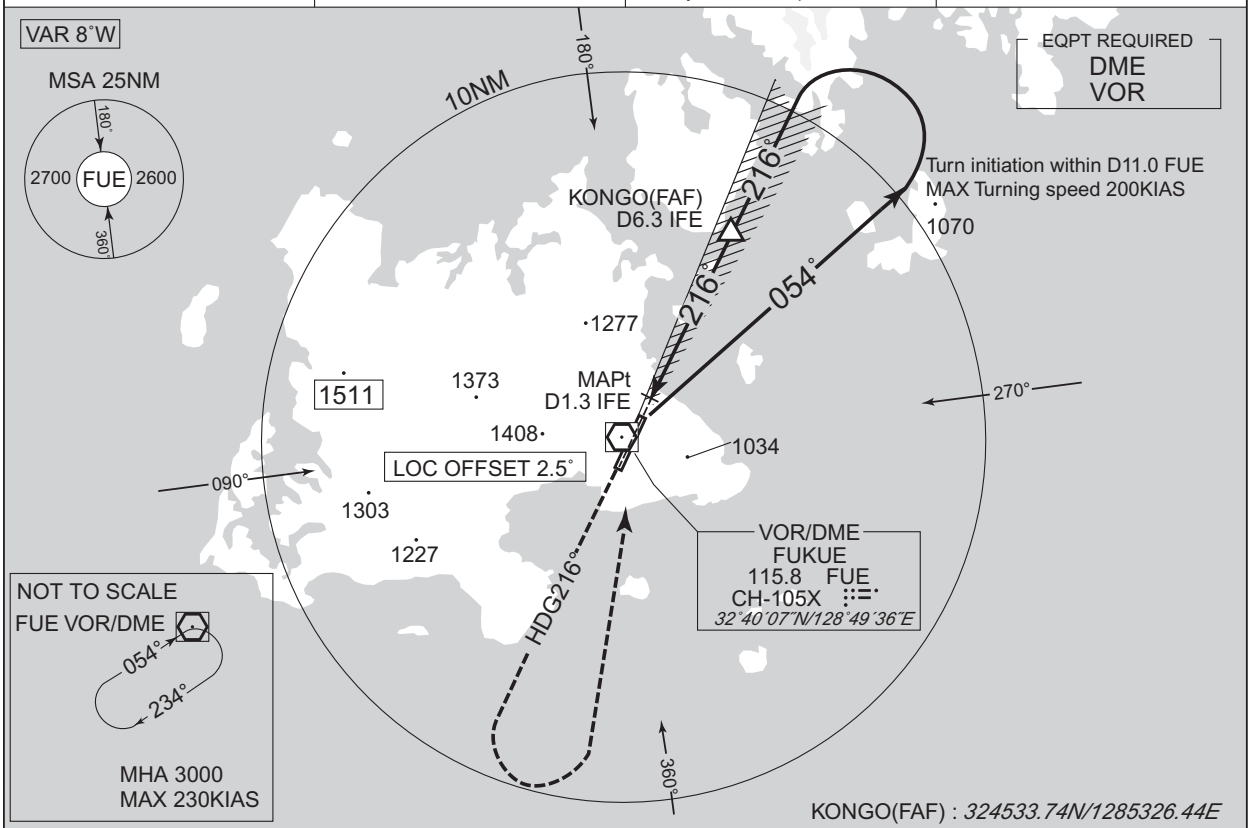
CHANGE : HLDG pattern. MSA(BTN 180° and 360°). VAR.

INSTRUMENT APPROACH CHART

RJFE / FUKUE

LOC Y RWY21

KOBE CONTROL	LOC	FUKUE RADIO	NO RADAR
118.9 - 303.8 134.25 - 315.5	110.1 IFE LOC-DME CH-38X	118.35 AFIS provided by Fukuoka Airport Office	

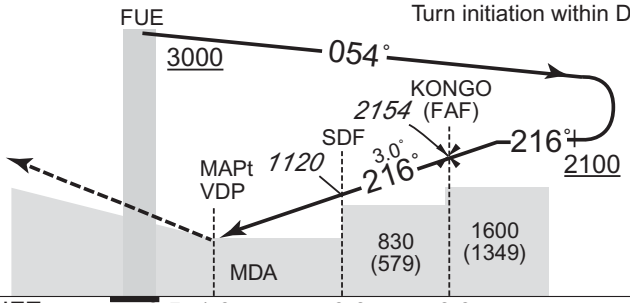


NM to IFE	MAPt	2	3	4	5	6	FAF
ALT(3.0˚ APCH Path)	–	801	1120	1438	1756	2075	2154

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	
	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

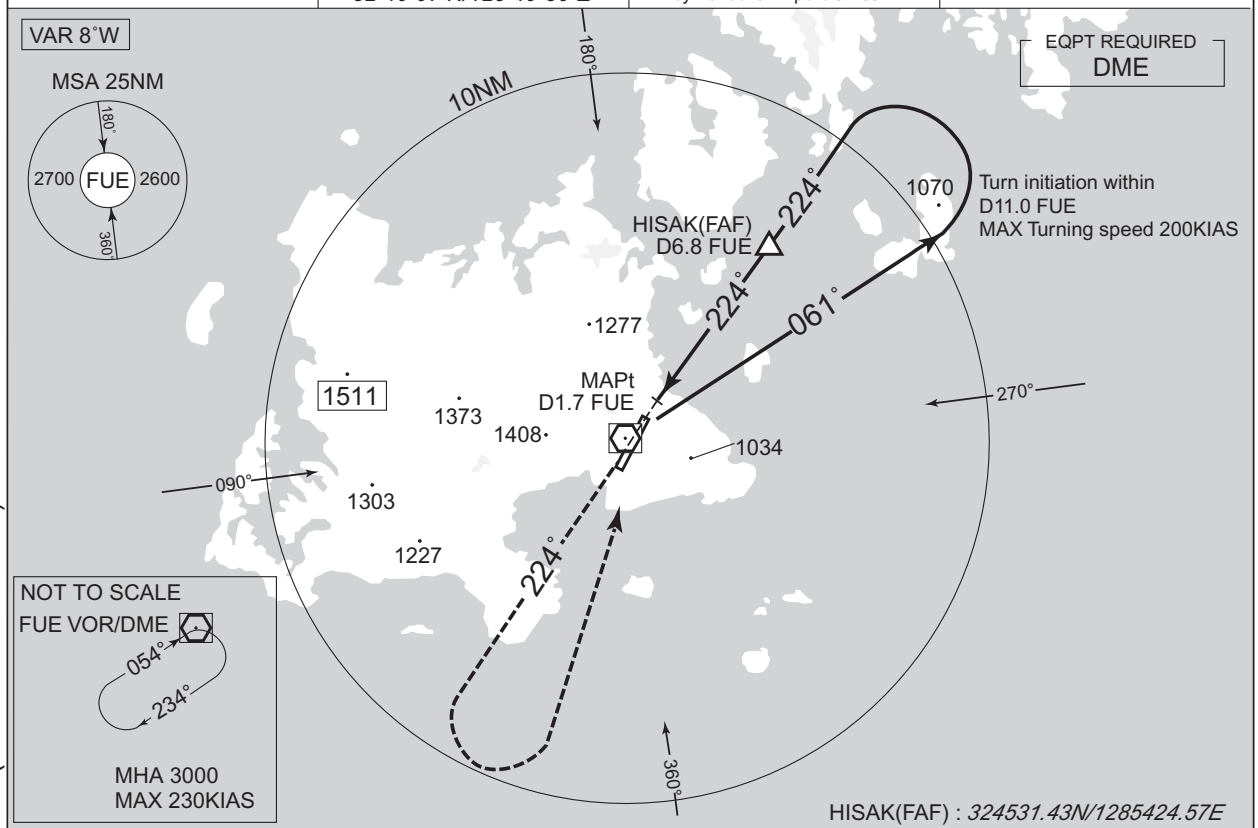
Circling to WEST side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

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

INSTRUMENT APPROACH CHART

RJFE / FUKUE — VOR RWY21

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

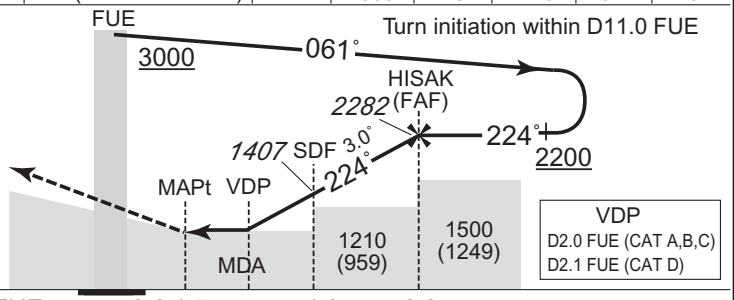


NM to FUE	MAPt	3	4	5	6	FAF
ALT(3.0˚ APCH Path)	–	1089	1407	1725	2044	2282

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.



DME to FUE	0.6	1.7	4.0	6.8
NM to THR	0	1.2	3.5	6.2

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)	2400
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.

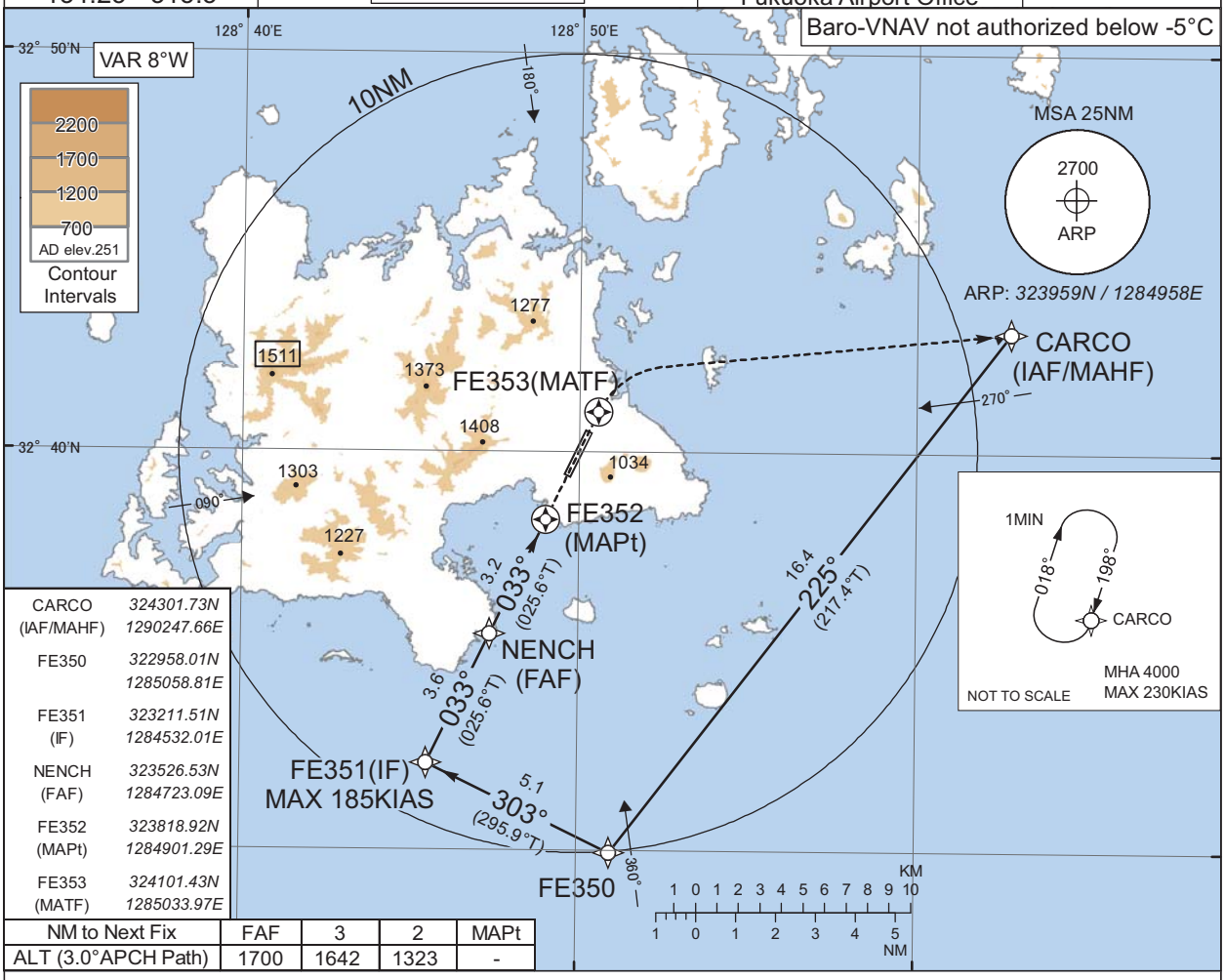
CHANGE : PROC course. HLDG pattern. Missed APCH course. MSA(BTN 180˚ and 360˚). VAR.

INSTRUMENT APPROACH CHART

RJFE / FUKUE

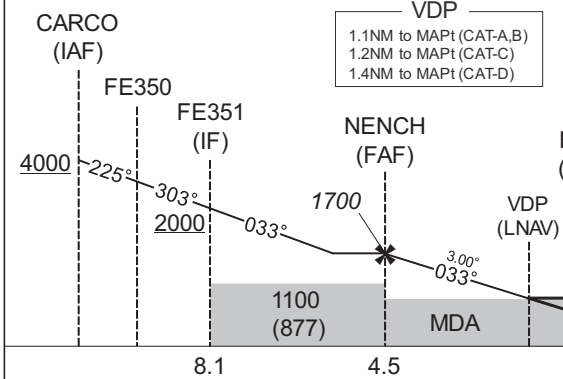
RNP RWY03

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



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

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



VDP
1.1NM to MAPt (CAT-A,B)
1.2NM to MAPt (CAT-C)
1.4NM to MAPt (CAT-D)

MISSED APPROACH

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

Missed APCH climb gradient MNM 5.0%

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		1400		
C	631(408)		1050(827)		1050(827)		1280(1029)	2400
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.

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

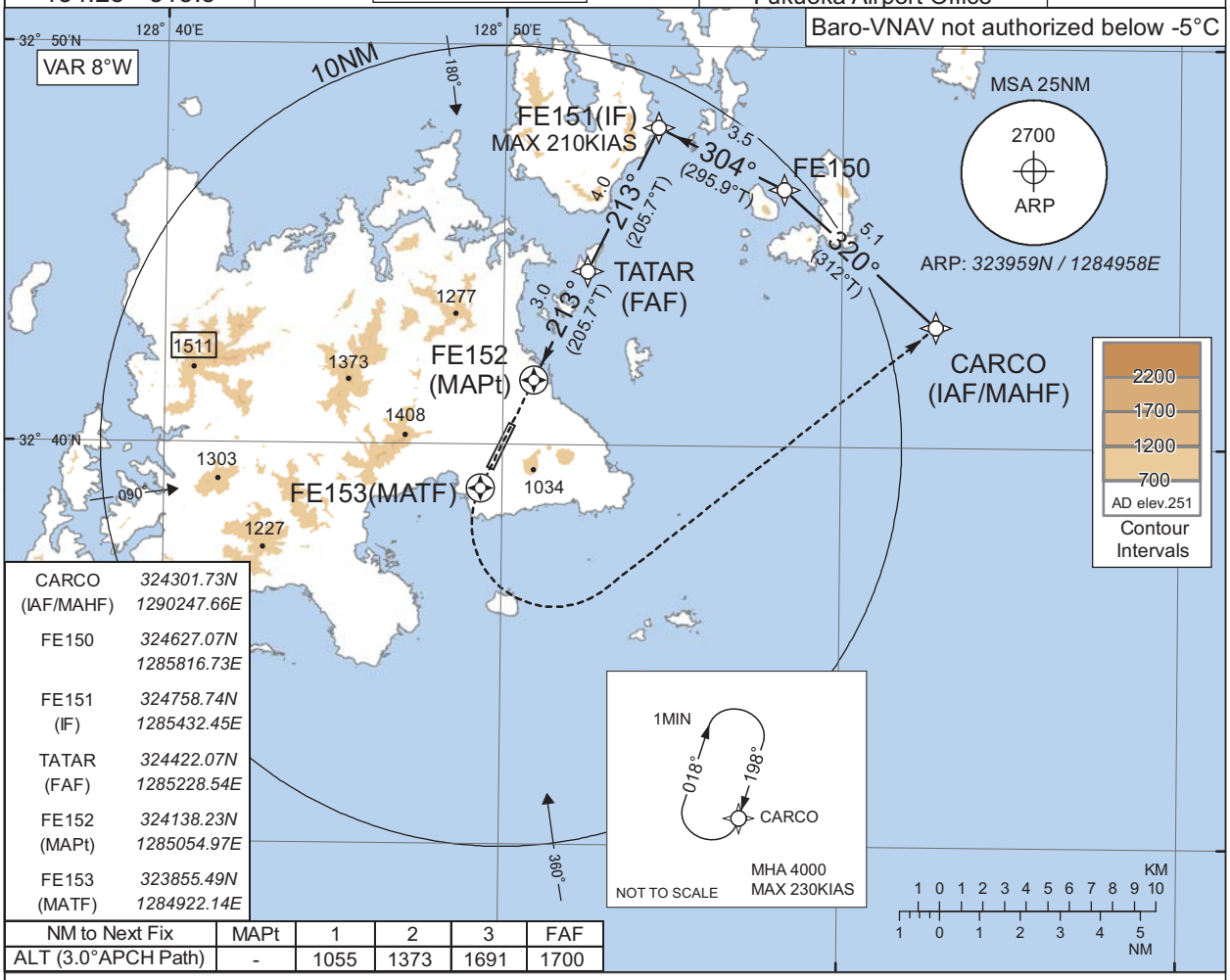
CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY21

KOBE CONTROL	RNP APCH	FUKUE RADIO	NO RADAR
118.9 - 303.8 134.25 - 315.5	MSAS CH85668 M21A	118.35 AFIS provided by Fukuoka Airport Office	

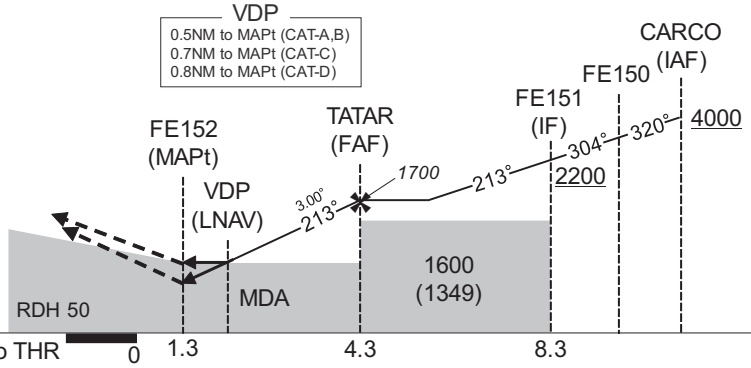


CARCO (IAF/MAHF)	324301.73N 1290247.66E
FE150	324627.07N 1285816.73E
FE151 (IF)	324758.74N 1285432.45E
TATAR (FAF)	324422.07N 1285228.54E
FE152 (MAPt)	324138.23N 1285054.97E
FE153 (MATF)	323855.49N 1284922.14E

NM to Next Fix	MAPt	1	2	3	FAF
ALT (3.0°APCH Path)	-	1055	1373	1691	1700

MISSED APPROACH

Direct to FE153, turn left direct to CARCO and hold at 4000FT.
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 : 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		

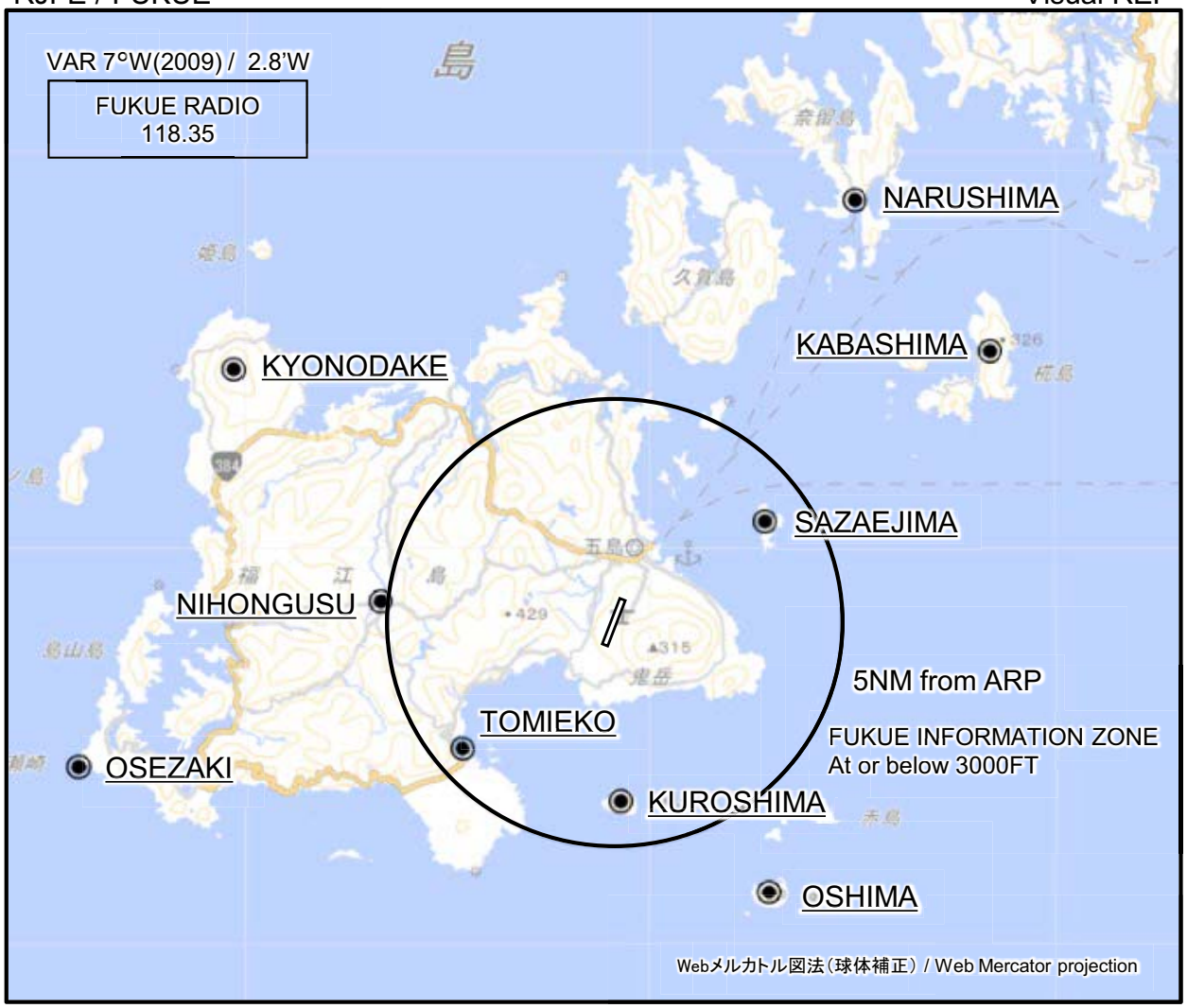
Required additional data

LTP/FTP orthometric height	82.9

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

RJFE / FUKUE

Visual REP

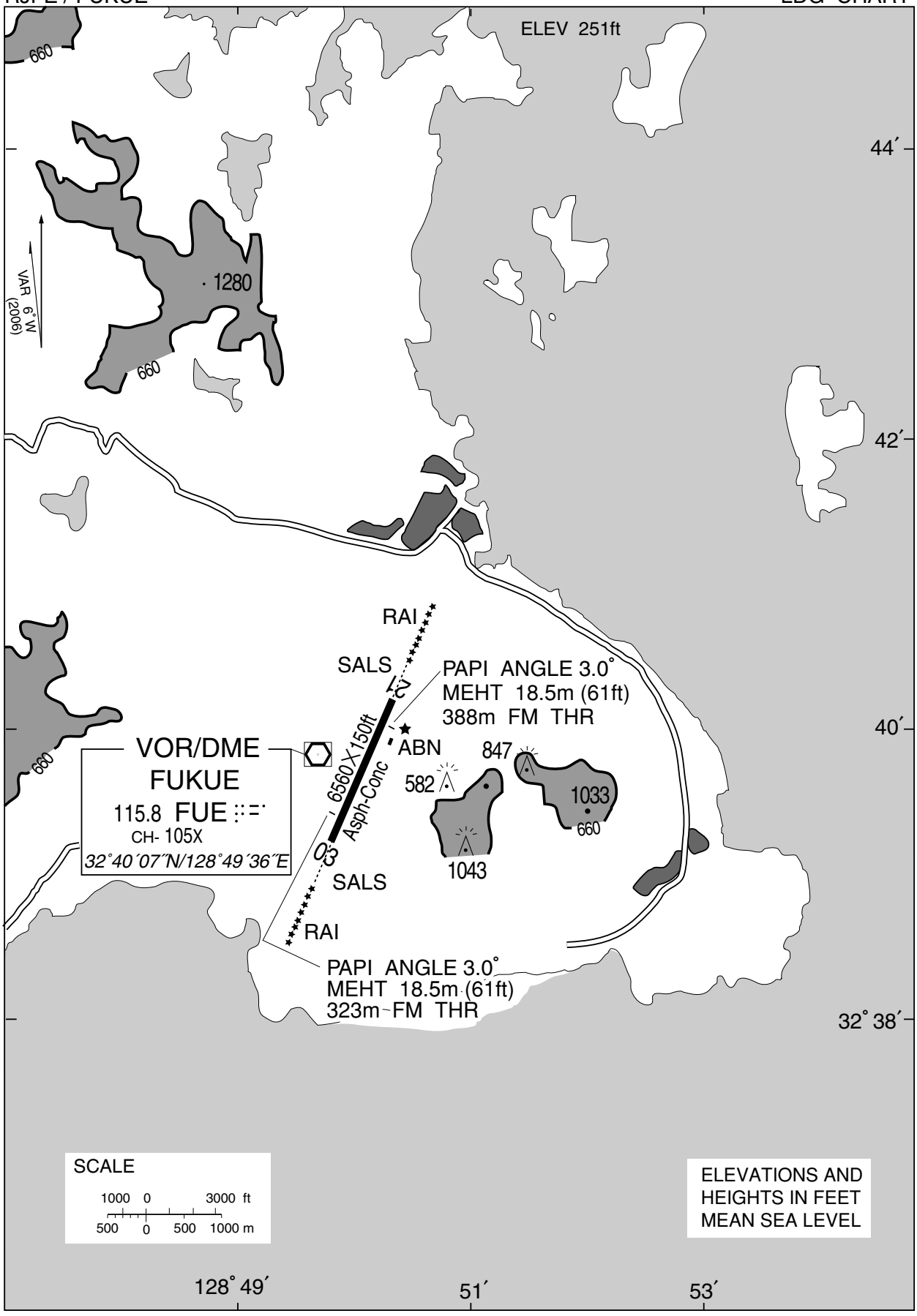


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

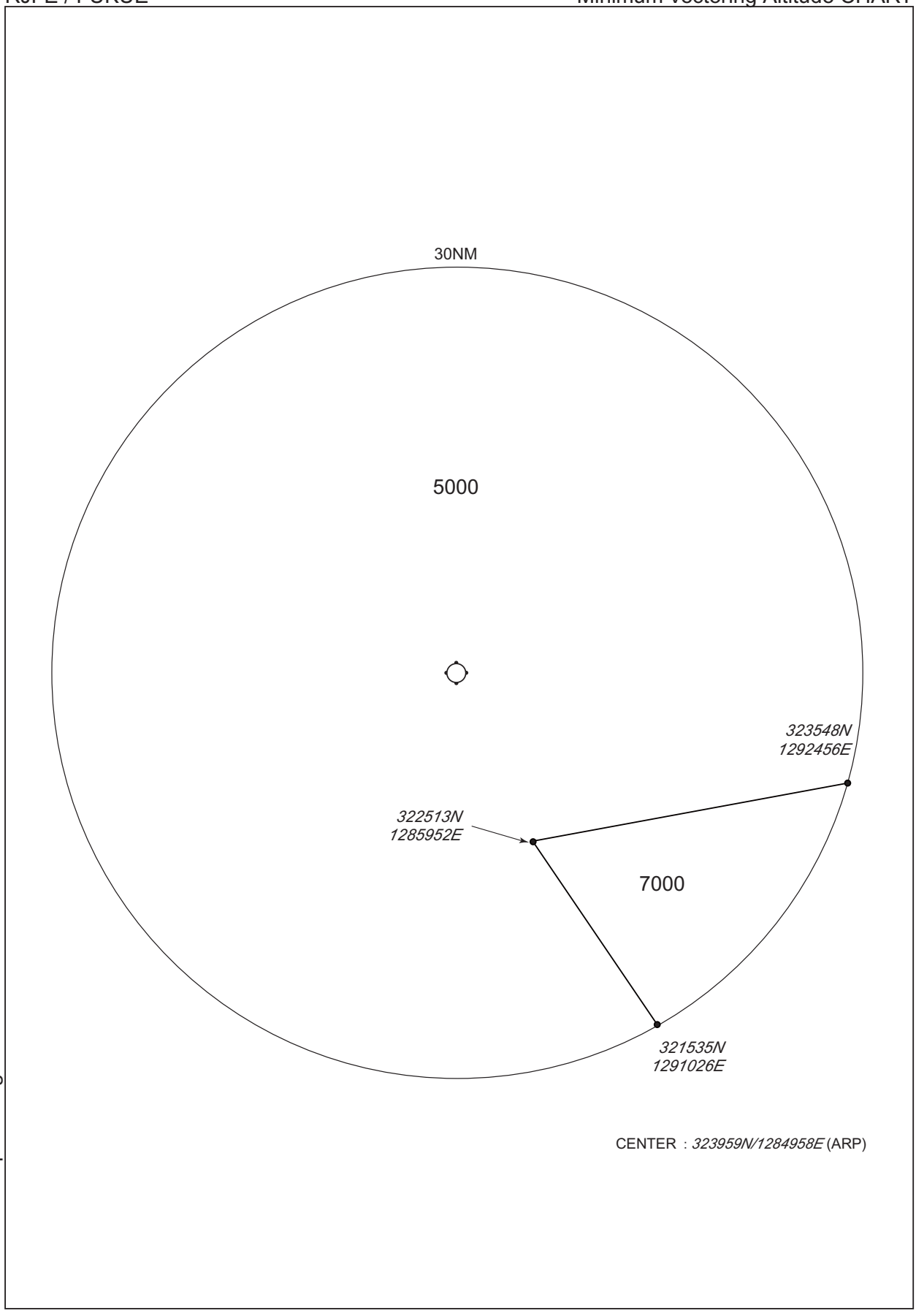
CHANGE : Secondary FREQ abolished.

Call sign	BRG / DIST from ARP	Remarks
奈留島 Narushima	029°T / 10.8NM	浦港 Harbor
椛島 Kabashima	053°T / 10.2NM	島 Island
京ノ岳 Kyonodake	304°T / 10.1NM	レーダーサイト Radar site
蠑螺島 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 LDG CHART



RJFE / FUKUE Minimum Vectoring Altitude CHART



CHANGE : Shape of segment.

INTENTIONALLY LEFT BLANK