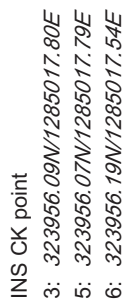


RJFE / FUKUE

FUKUE RADIO
118.35

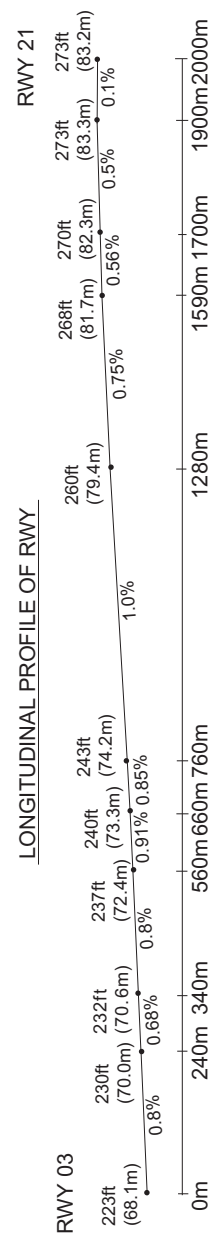
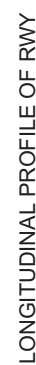
VAR 7°W(2009)
Annual change 2.8°W

WIDTH & STRENGTH OF TWY

| | | |
|----|-----|-----------------|
| T1 | 23m | PCR 537/F/D/X/T |
| T2 | 18m | PCR 149/F/C/Y/T |

STRENGTH OF APRON

| |
|-----------------------|
| SOUTH PCR 377/F/B/X/T |
| NORTH PCR 172/F/C/Y/T |



AD CHART

INTENTIONALLY LEFT BLANK

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.

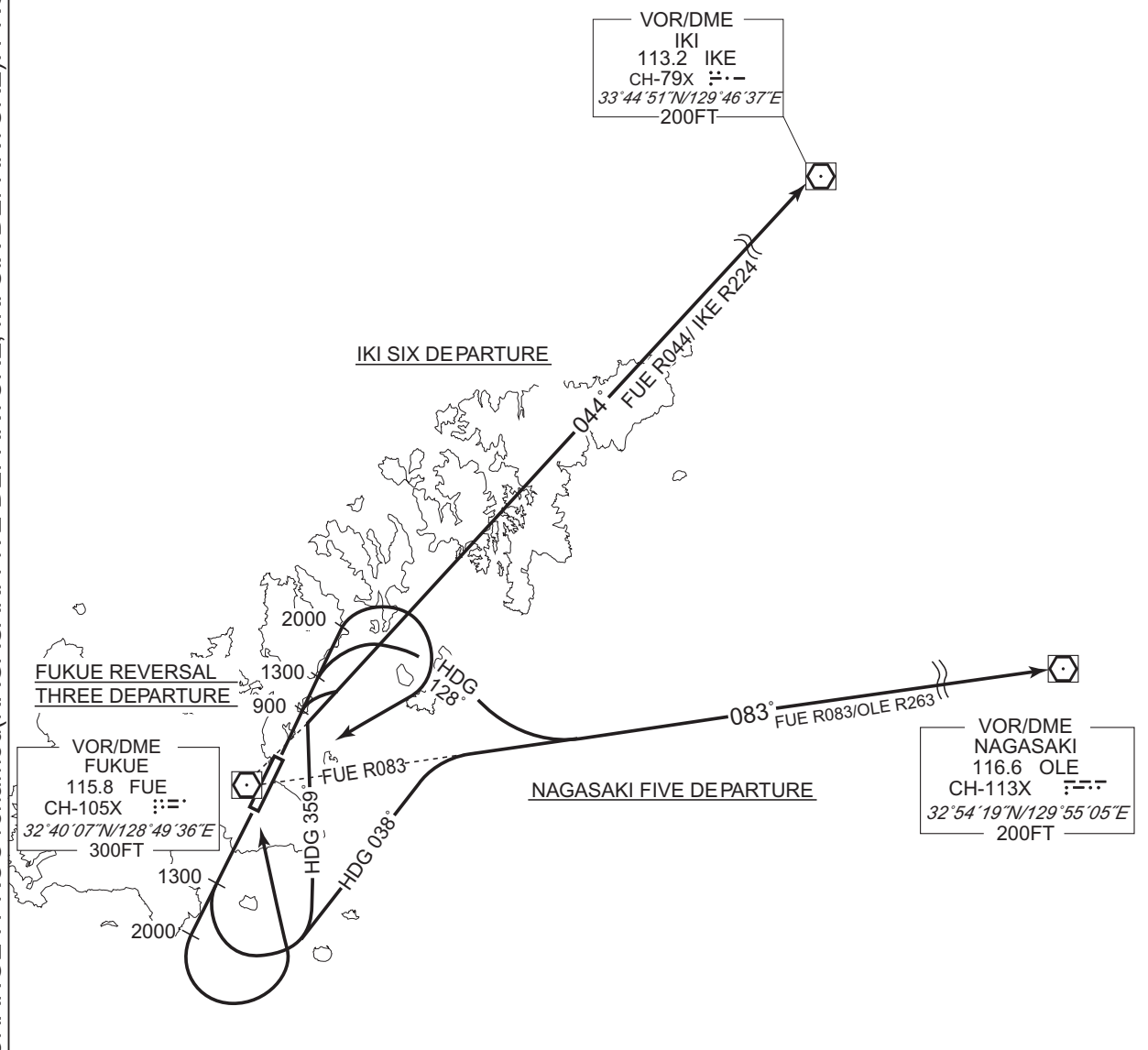
IKI SIX DEPARTURE

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.

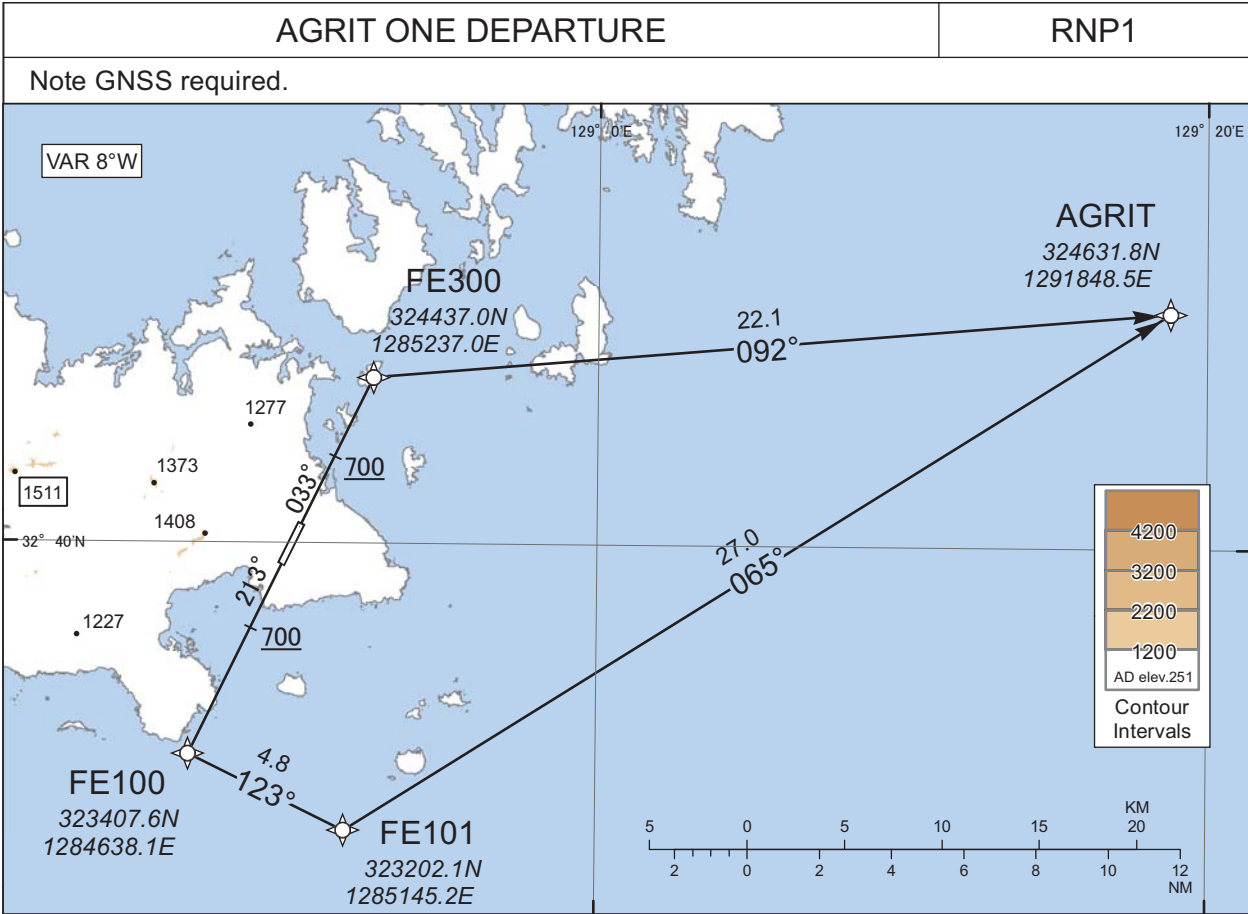
CHANGE : PROC renamed(NAGASAKI FIVE DEPARTURE, IKI SIX DEPARTURE). PROC course.



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

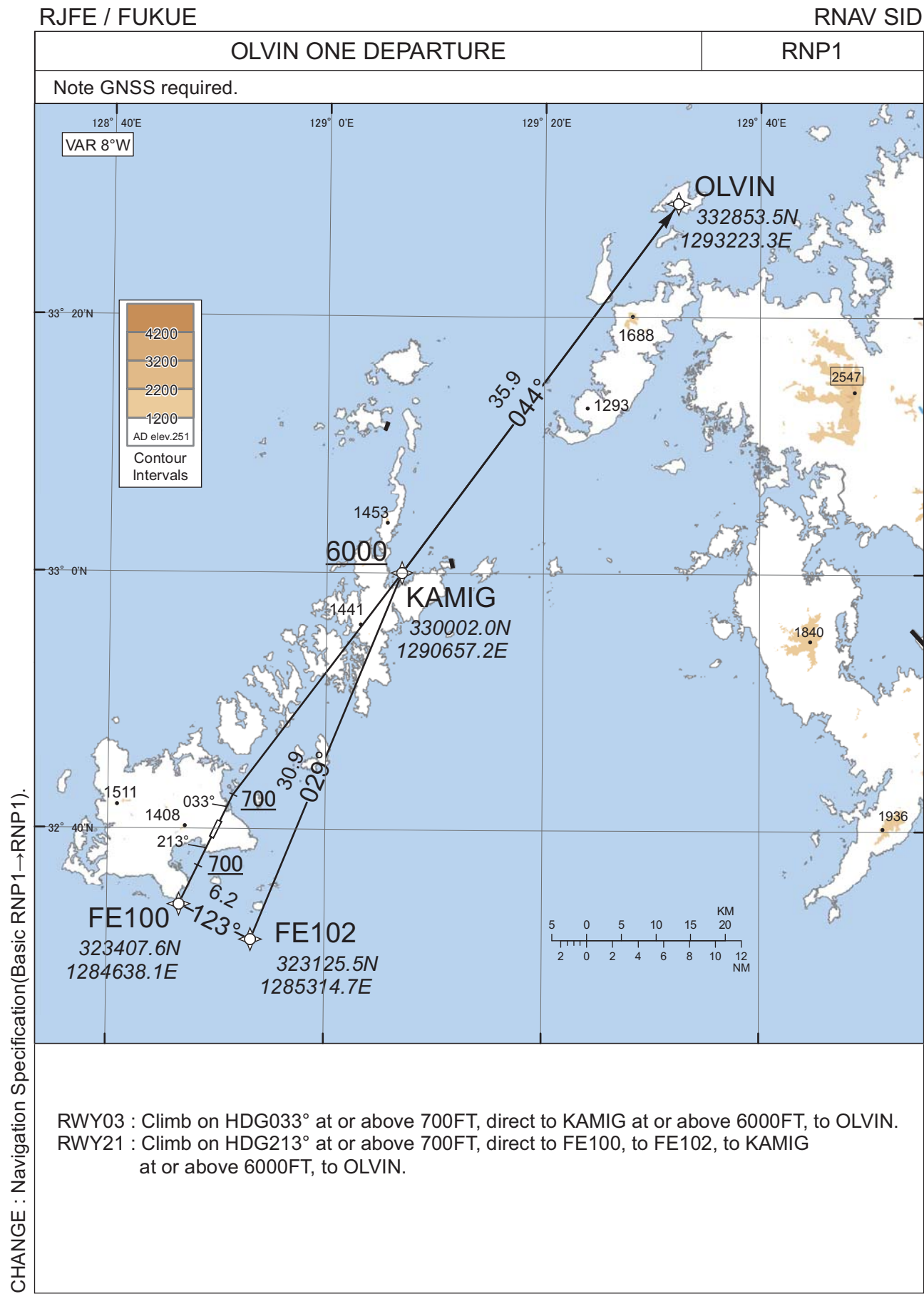
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 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

RJFE / FUKUE

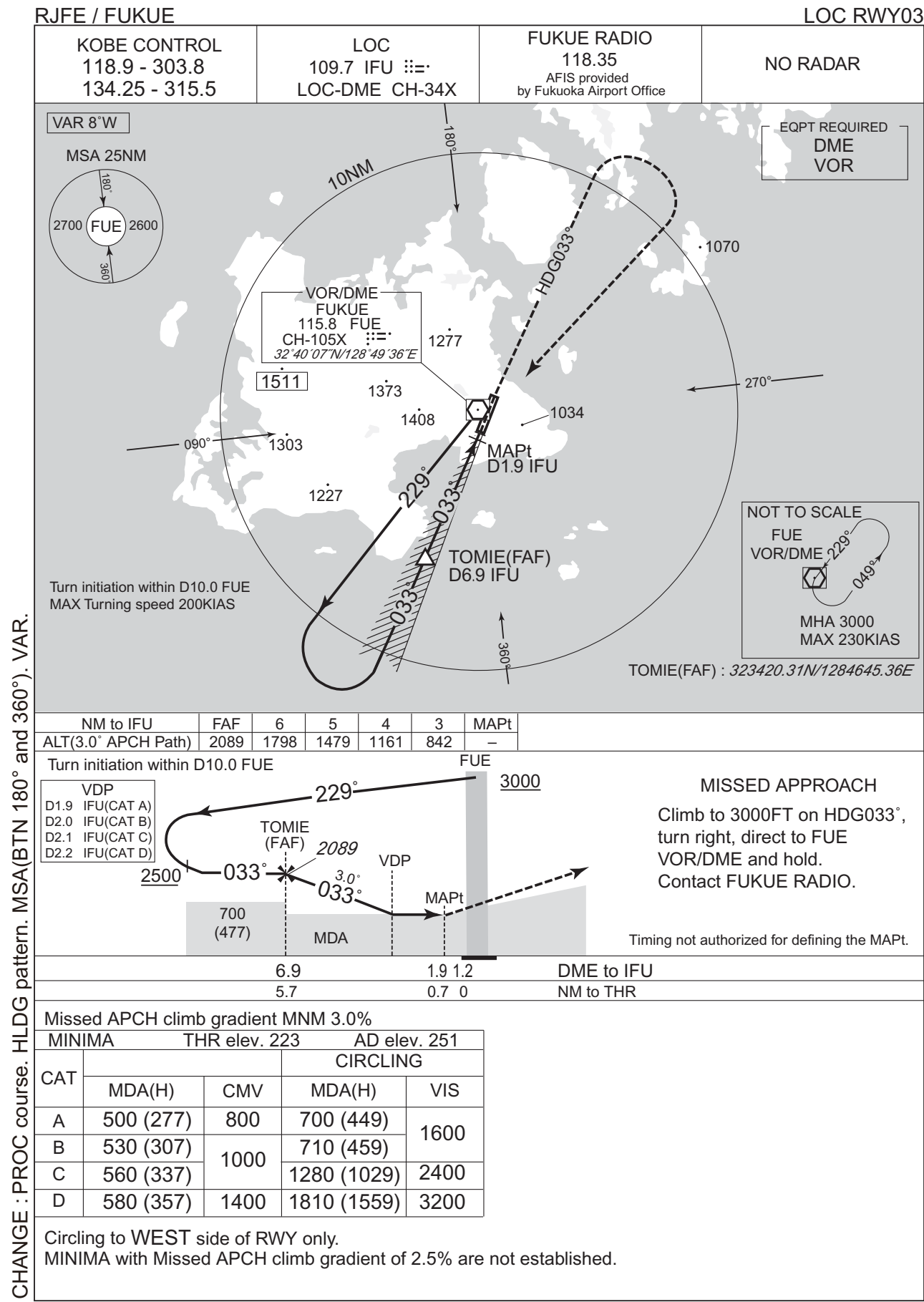
OLVIN ONE DEPARTURE

| 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

KOBE CONTROL
118.9 - 303.8
134.25 - 315.5

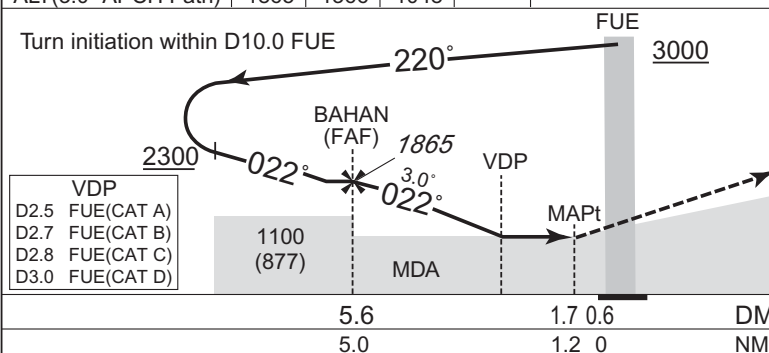
FUKUE VOR/DME
115.8 FUE
CH-105X ::=
32°40'07"N/128°49'36"E

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.

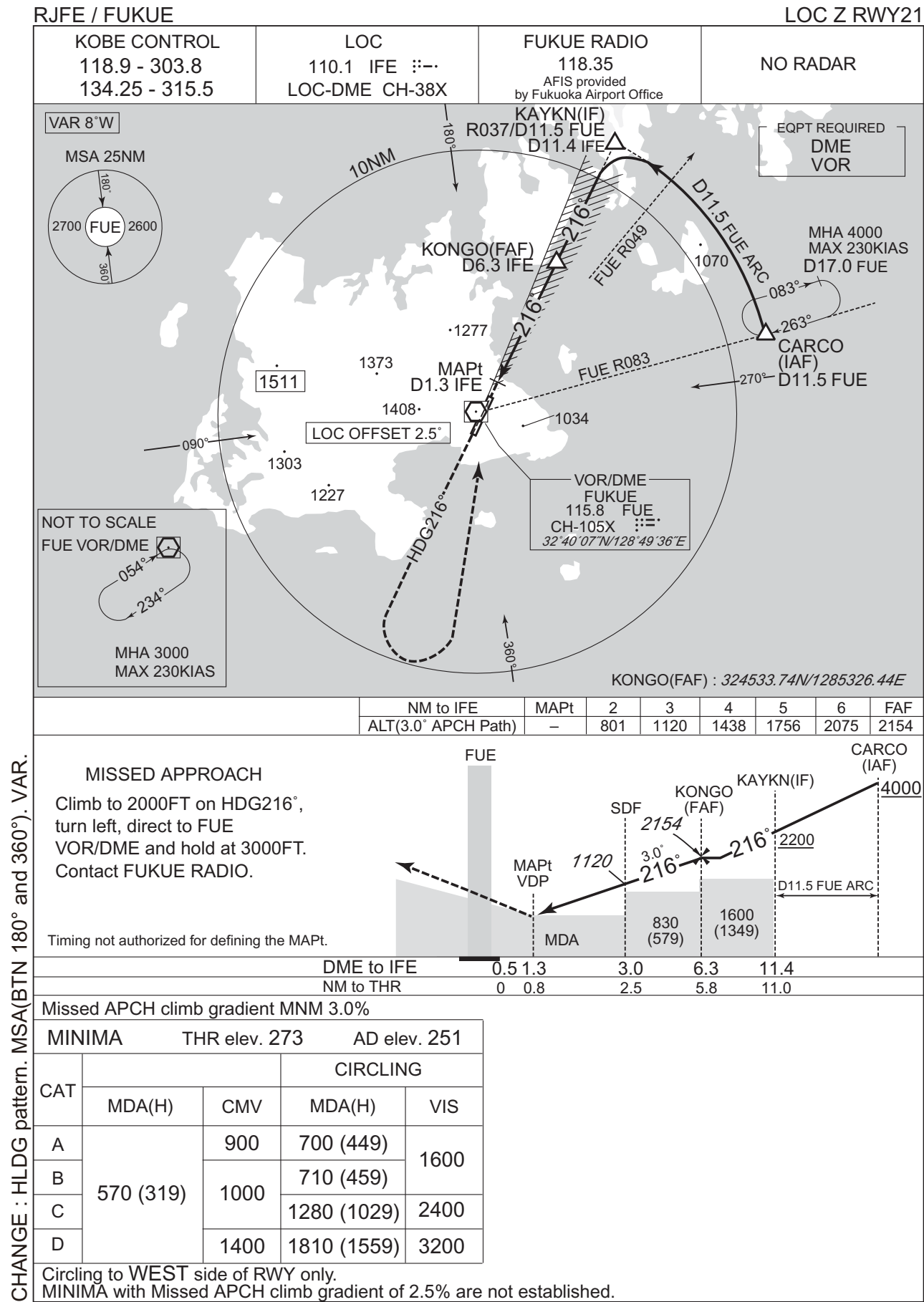
Timing not authorized for defining the MAPt.

| | | | | |
|-------------------------------------|------------|---------------|--------------|------|
| 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 |

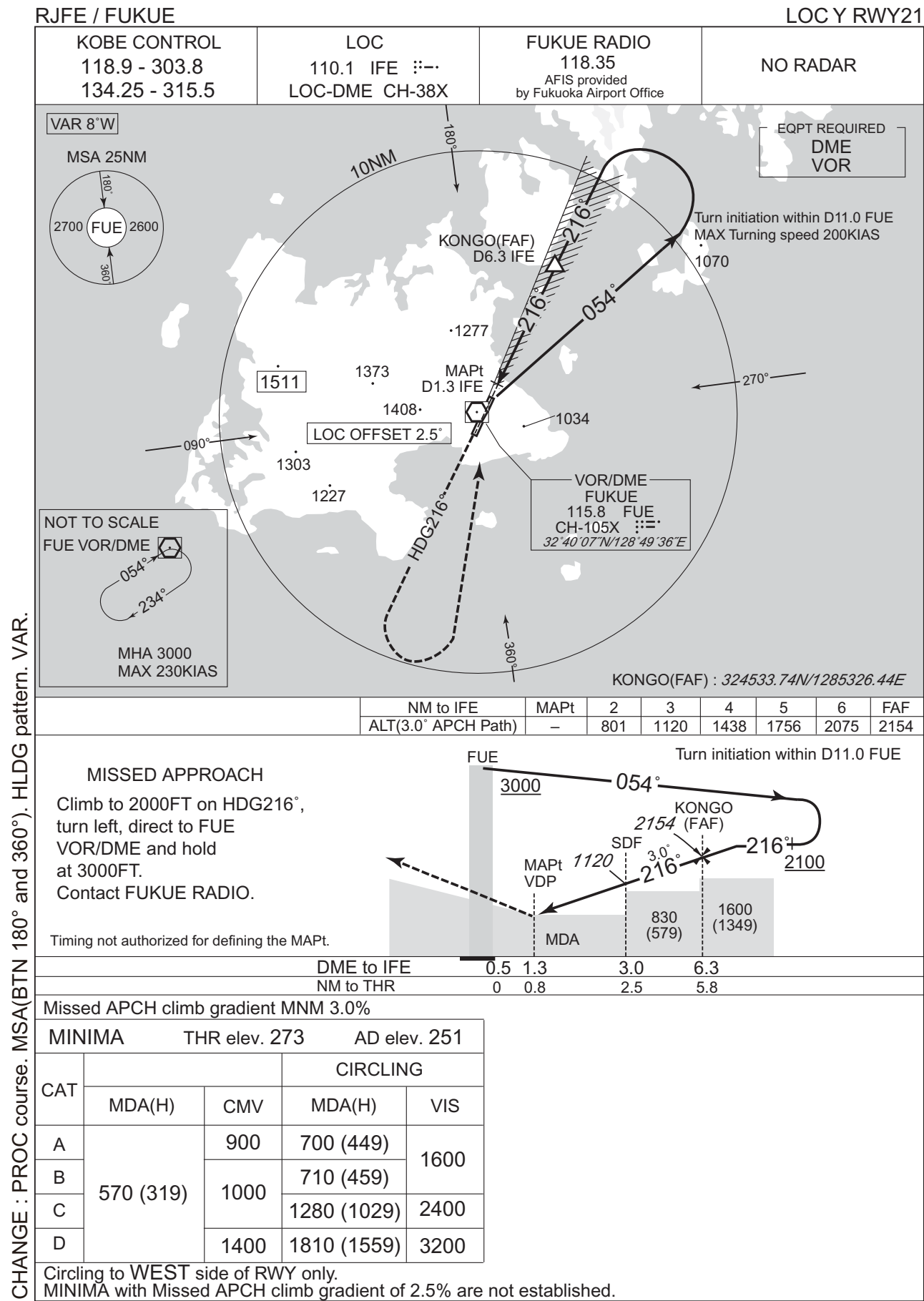
Circling to WEST side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

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

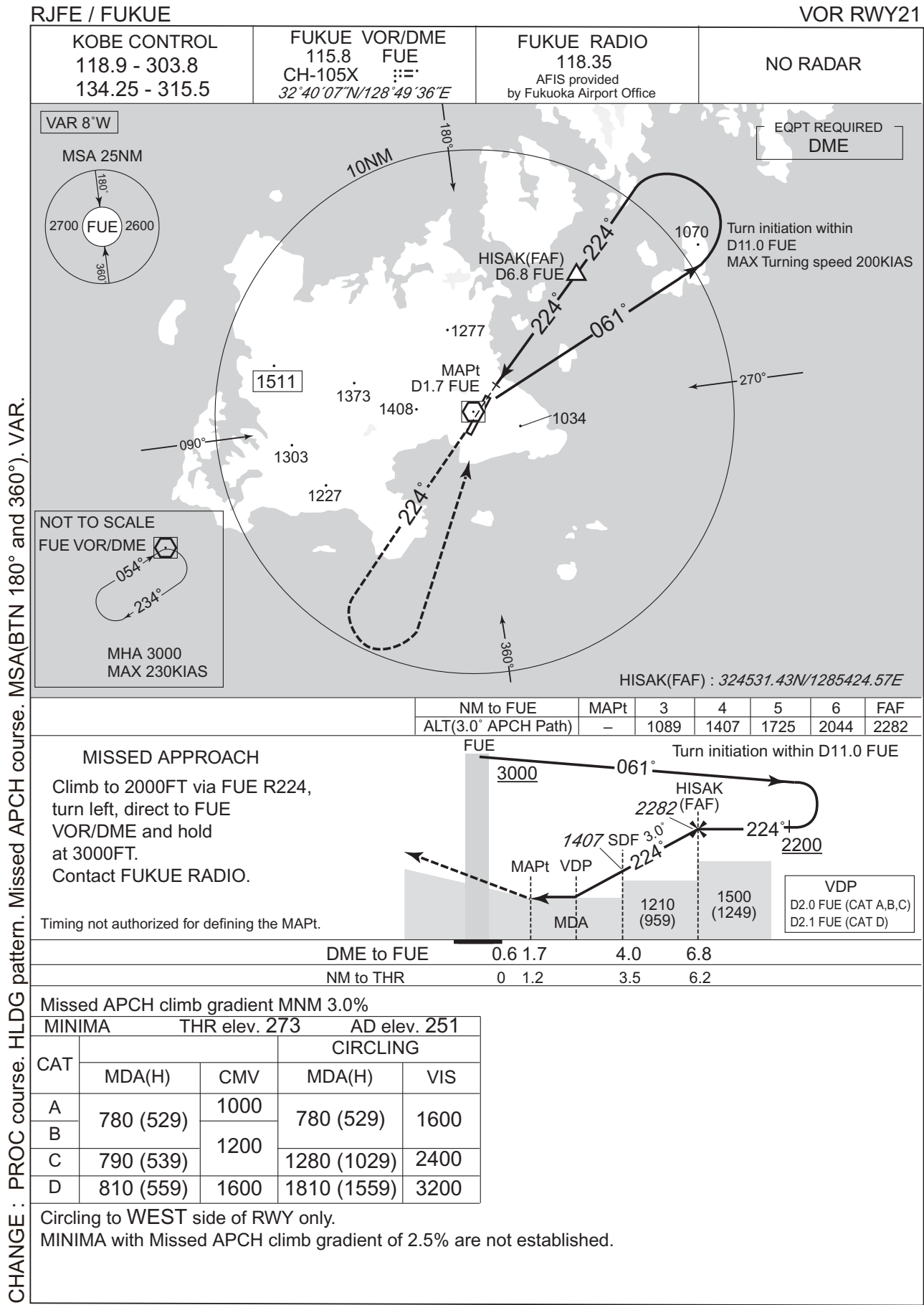
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



RJFE / FUKUE

KOBE CONTROL
118.9 - 303.8
134.25 - 315.5

RNP APCH
MSRP CH88033
M03A

FUKUOKA 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)

FE350

3.6
033°
(025.6°T)

3.2
033°
(025.6°T)

5.1
303°
(295.9°T)

16.4
225°
(217.4°T)

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

CARCO (IAF)

FE350

FE351 (IF)

NENCH (FAF)

FE352 (MAPt)

VDP (LNAV)

MDA

RDH 50

0 1.3 4.5 8.1 NM to THR

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 | | 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

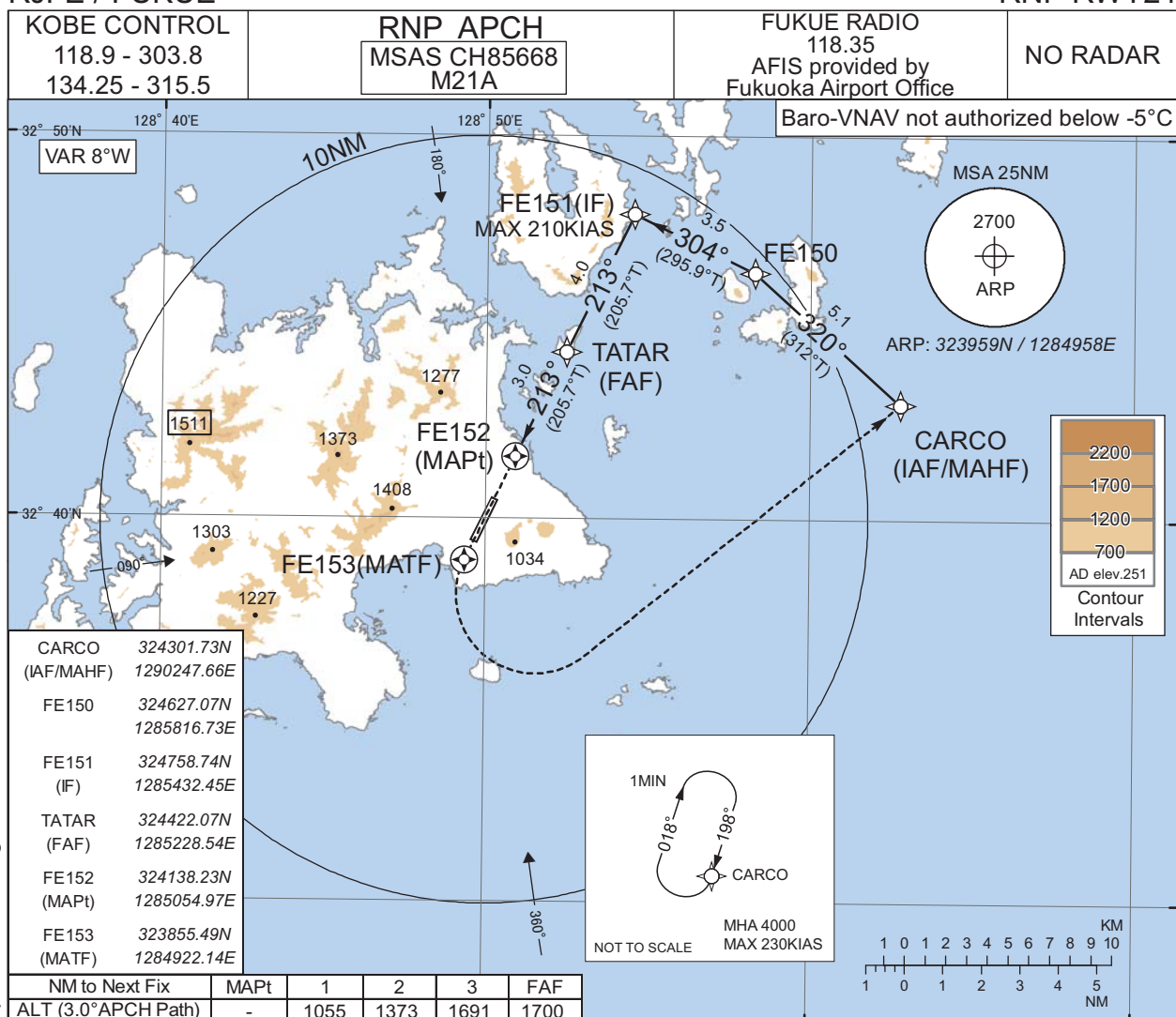
| | |
|----------------------------|------|
| LTP/FTP orthometric height | 67.7 |
|----------------------------|------|

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

INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY21

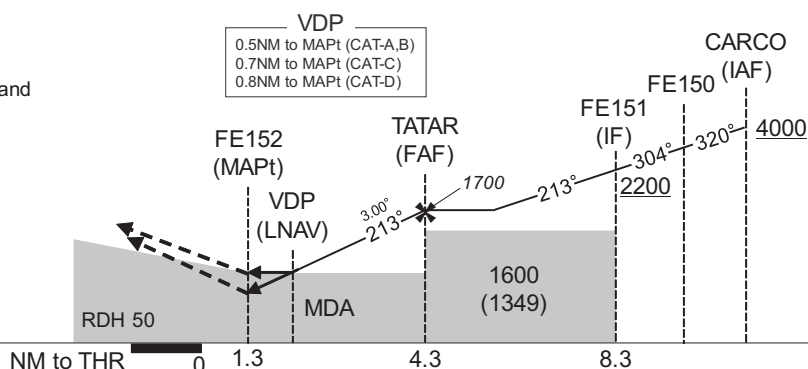


MISSED APPROACH

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)



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 |
|----------------------------|------|

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

RJFE / FUKUE

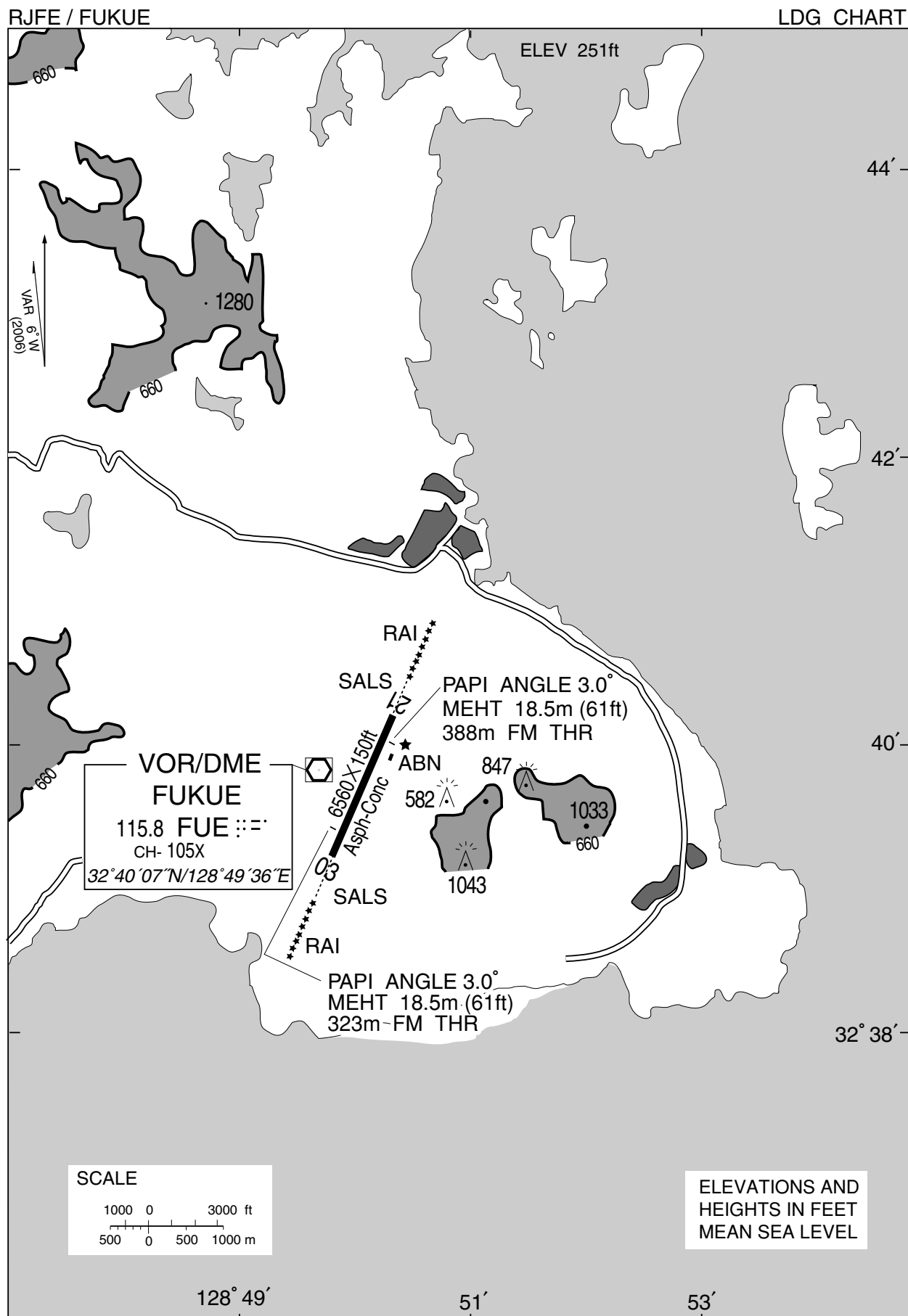
Visual REP



※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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