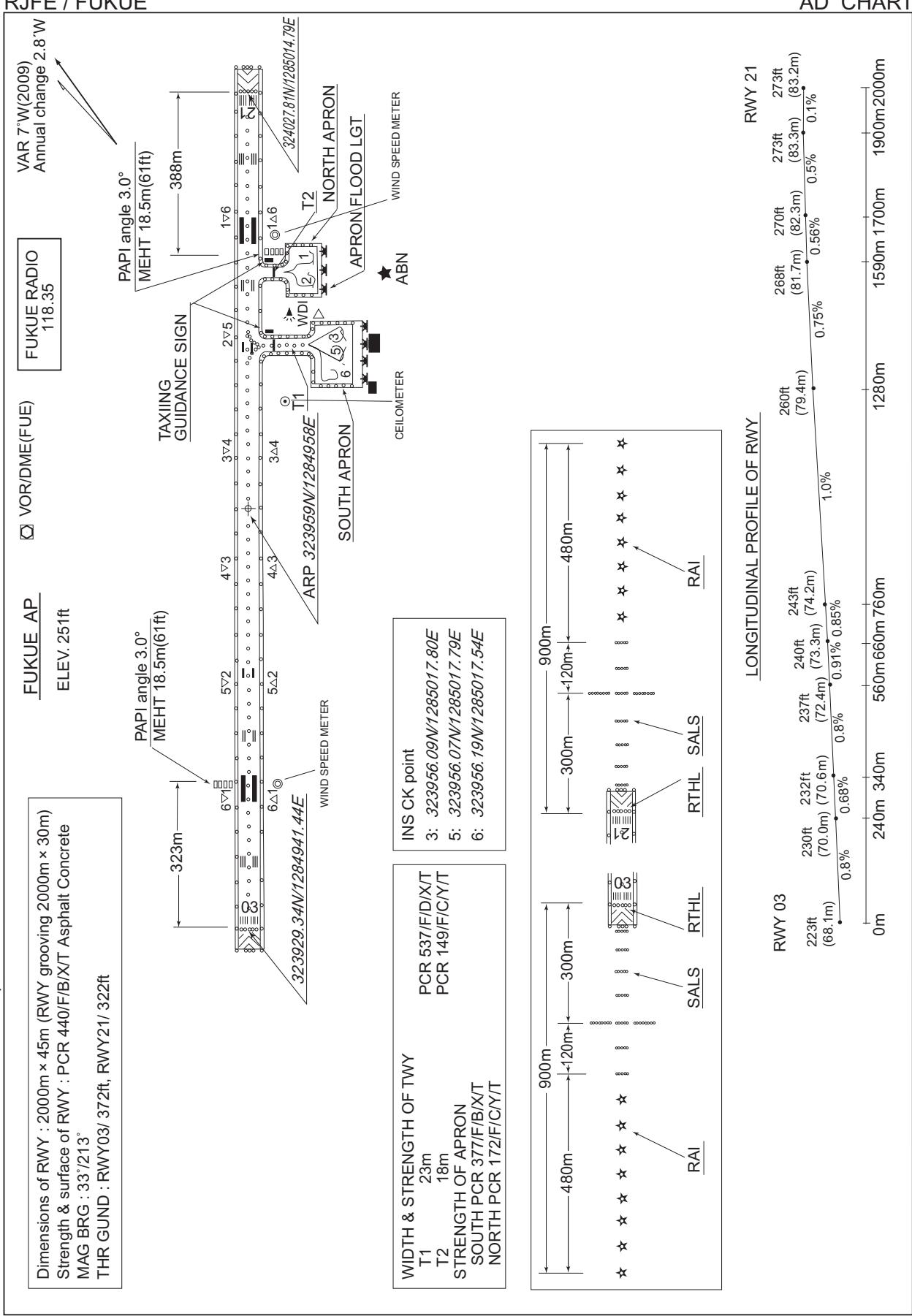


CHANGE : WIND SPEED METER, CEILOMETER added.



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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

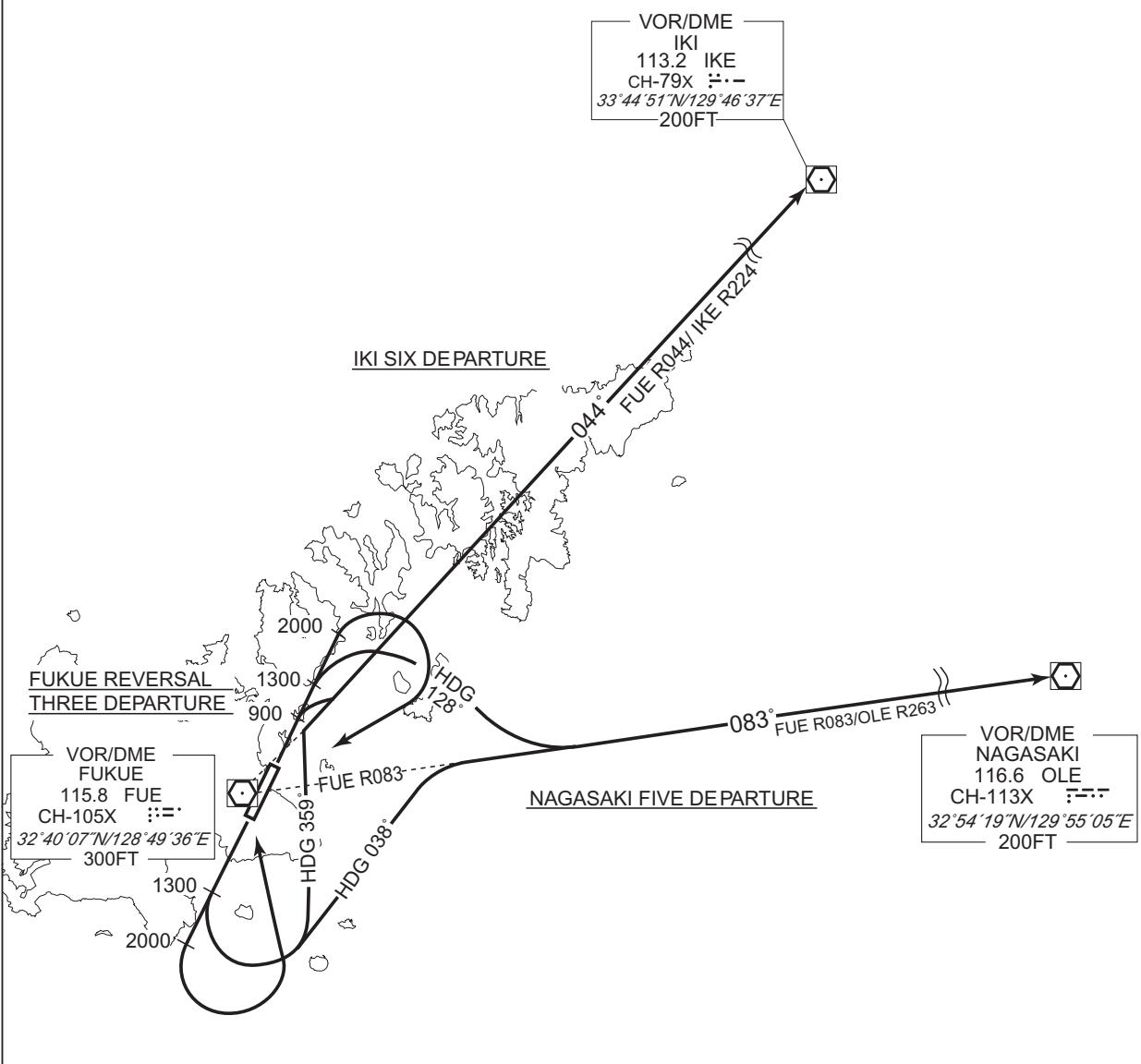
FUKUE REVERSAL THREE DEPARTURE

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, FUKUE REVERSAL THREE DEPARTURE). PROC course.



STANDARD DEPARTURE CHART - INSTRUMENT

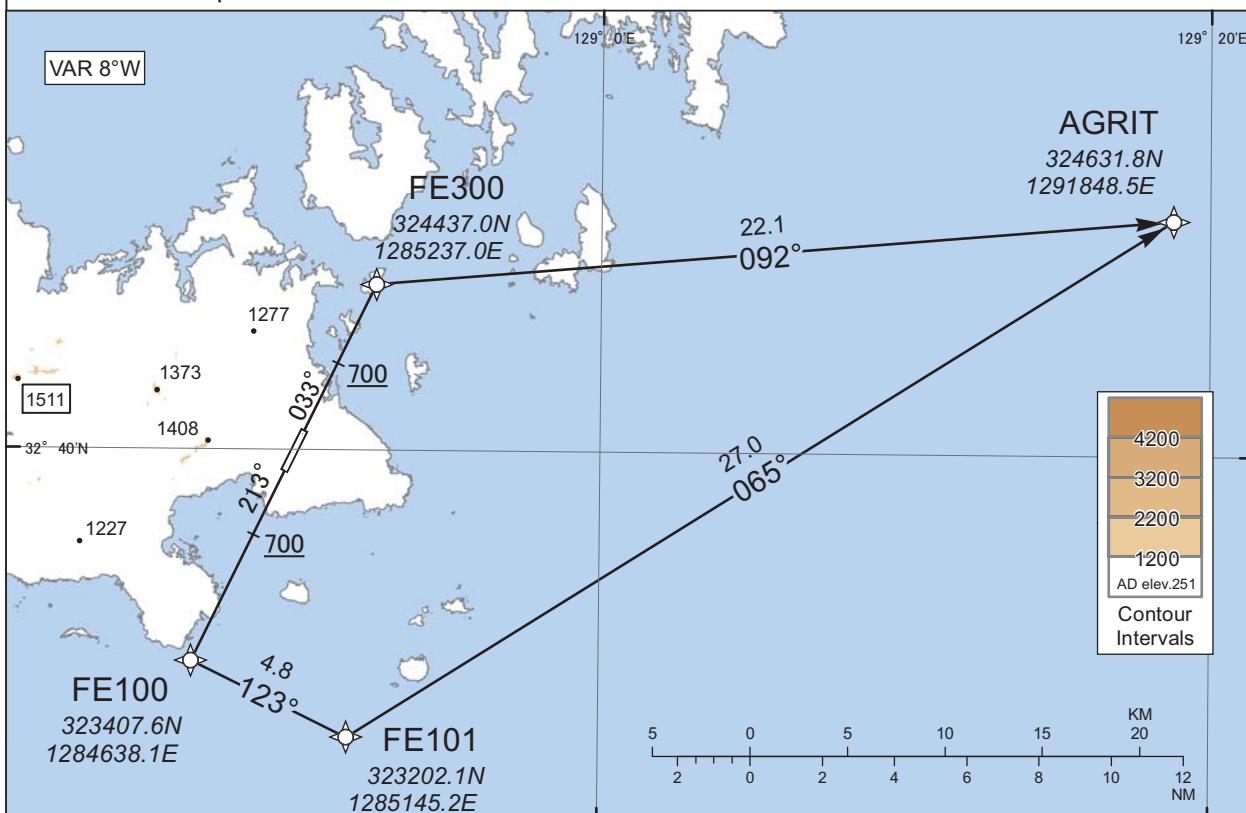
RJFE / FUKUE

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

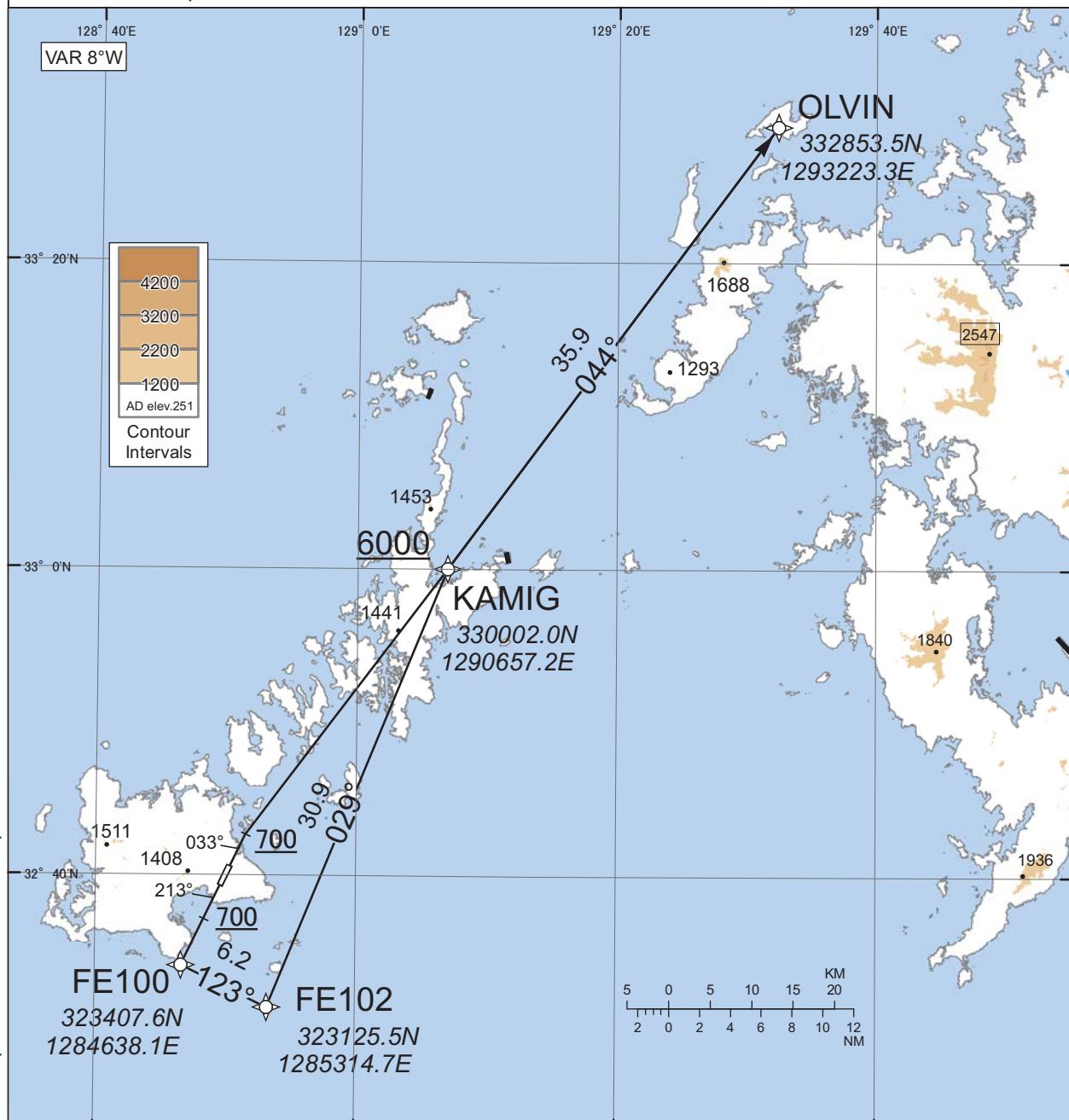
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RNAV SID

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.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFE / FUKUE

RNAV SID

OLVIN ONE DEPARTURE

RWY03

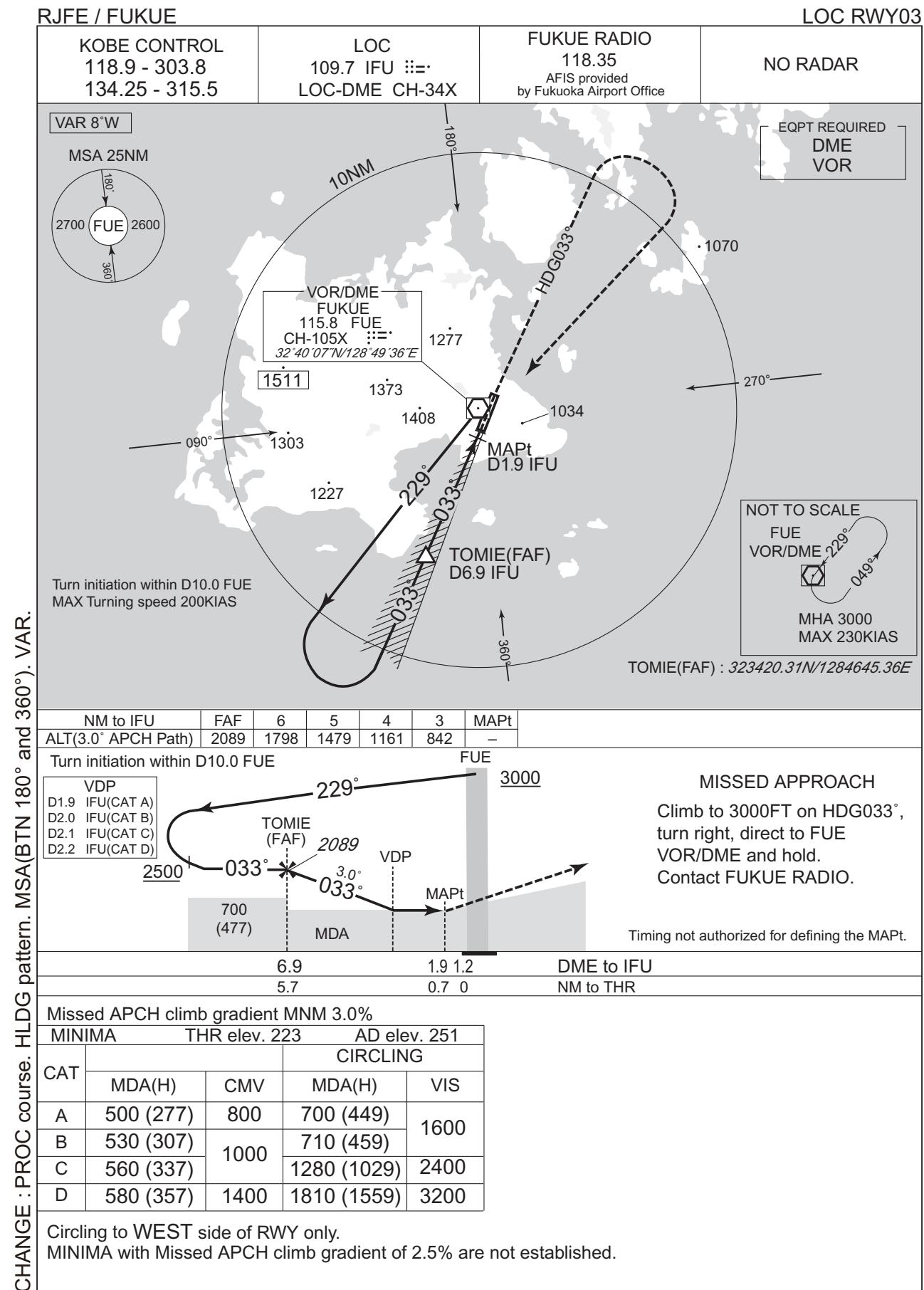
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|------------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



INSTRUMENT APPROACH CHART

RJFE / FUKUE

VOR RWY03

KOBE CONTROL
118.9 - 303.8
134.25 - 315.5

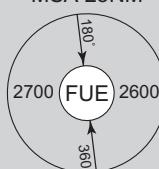
FUKUE VOR/DME
115.8 FUE
CH-105X :::
32°40'07"N/128°49'36"E

FUKUE RADIO
118.35
AFIS provided
by Fukuoka Airport Office

NO RADAR

VAR 8°W

MSA 25NM

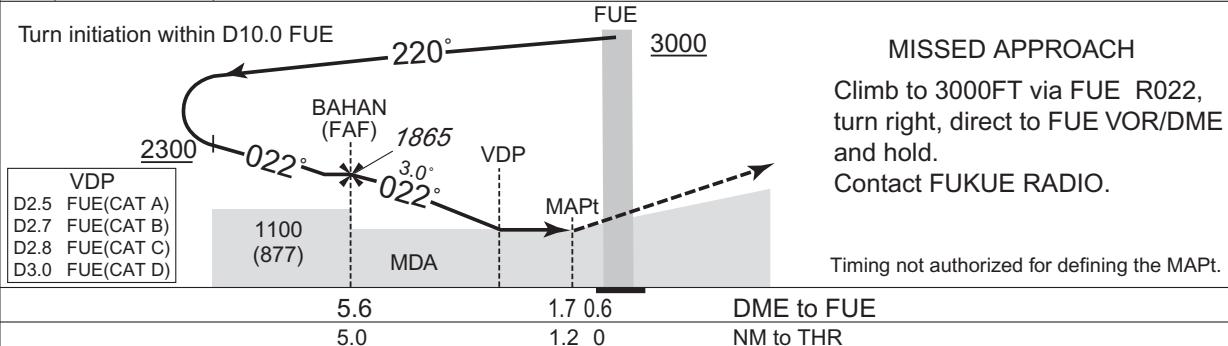


EQPT REQUIRED
DME

NOT TO SCALE
FUE
VOR/DME 229°
049°
MHA 3000
MAX 230KIAS

BAHAN(FAF) : 323442.89N/1284757.39E

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



Missed APCH climb gradient MNG 5.0%

MINIMA THR elev. 223 AD elev. 251

CIRCLING

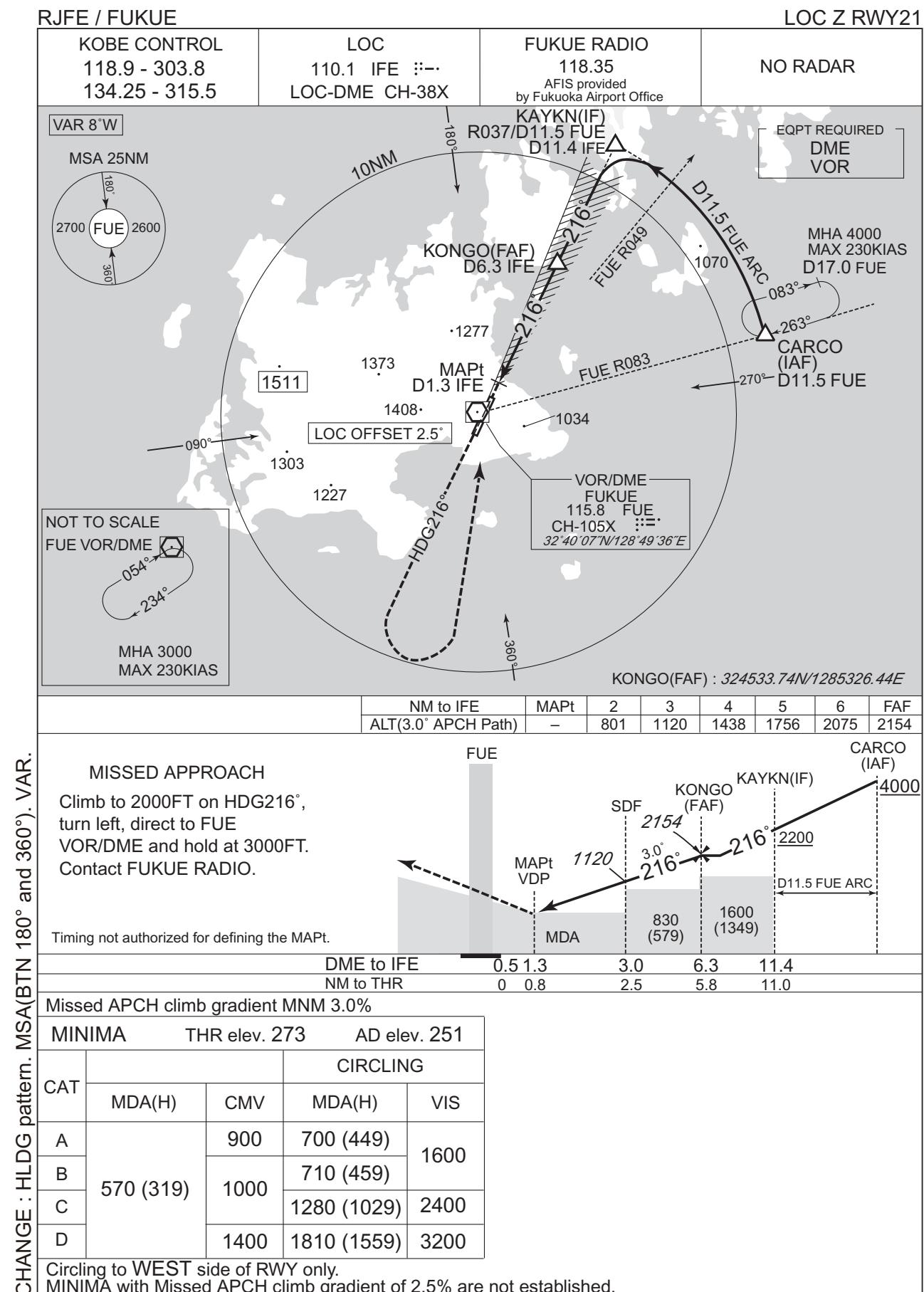
| CAT | CIRCLING | | | |
|-----|------------|------|-------------|------|
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 880 (657) | 1200 | 880 (629) | 1600 |
| B | 920 (697) | 1400 | 920 (669) | |
| C | 970 (747) | | 1280 (1029) | 2400 |
| D | 1010 (787) | 1800 | 1810 (1559) | 3200 |

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.

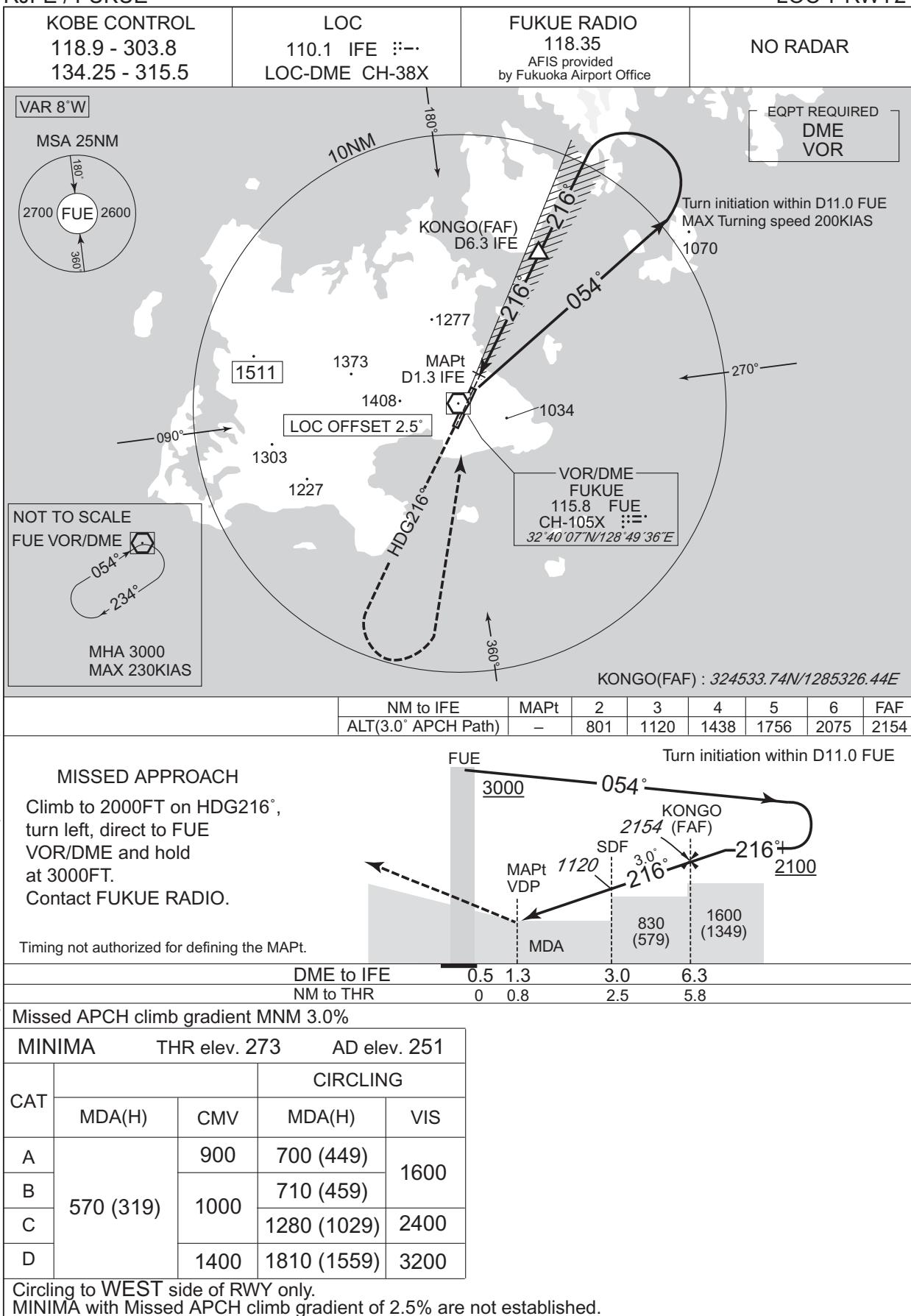
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

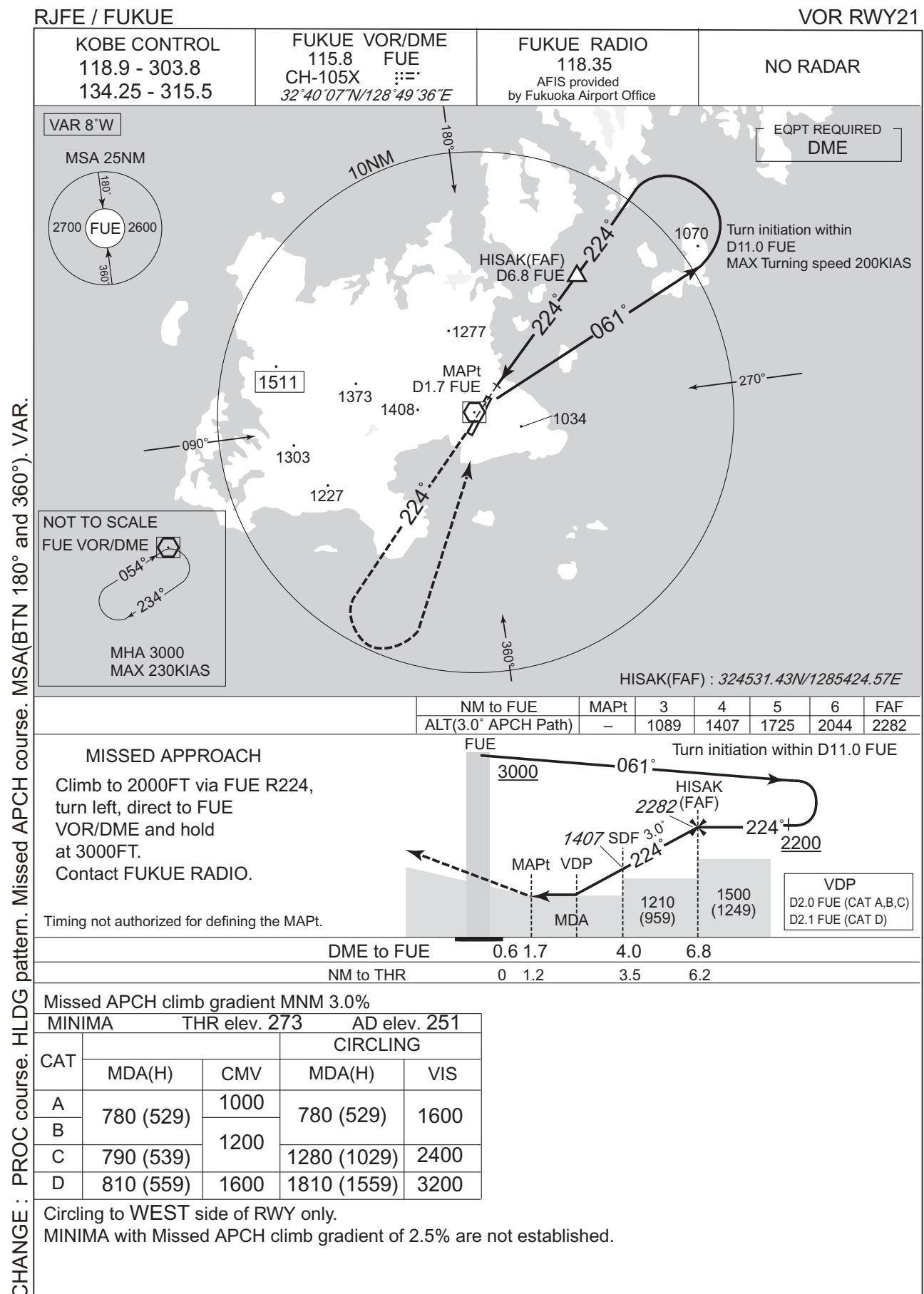
RJFE / FUKUE

LOC Y RWY21

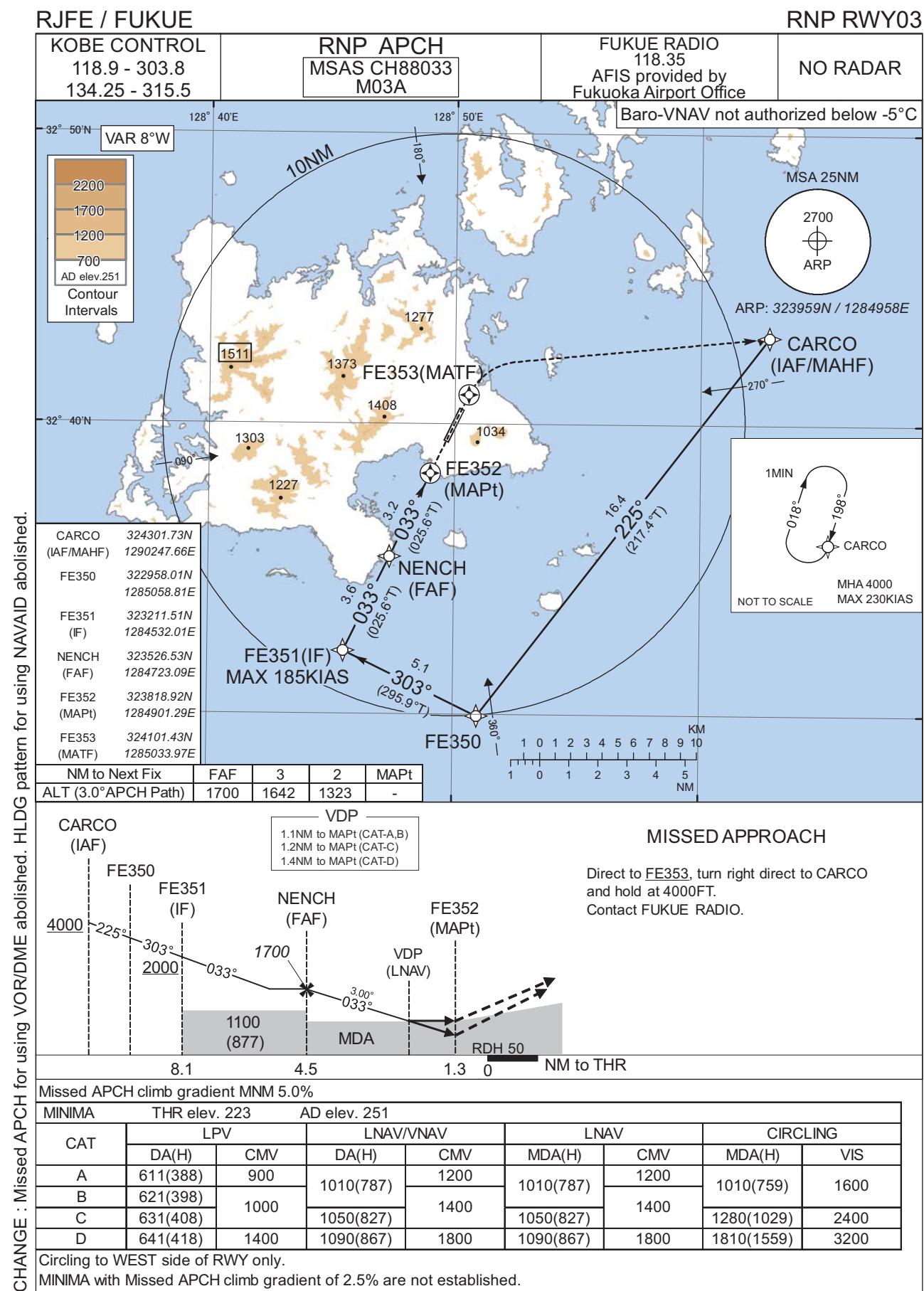


CHANGE : PROC course, MSA(BTN 180° and 360°), HDG pattern, VAR.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFE / FUKUE

RNP RWY03

FAS DATA BLOCK

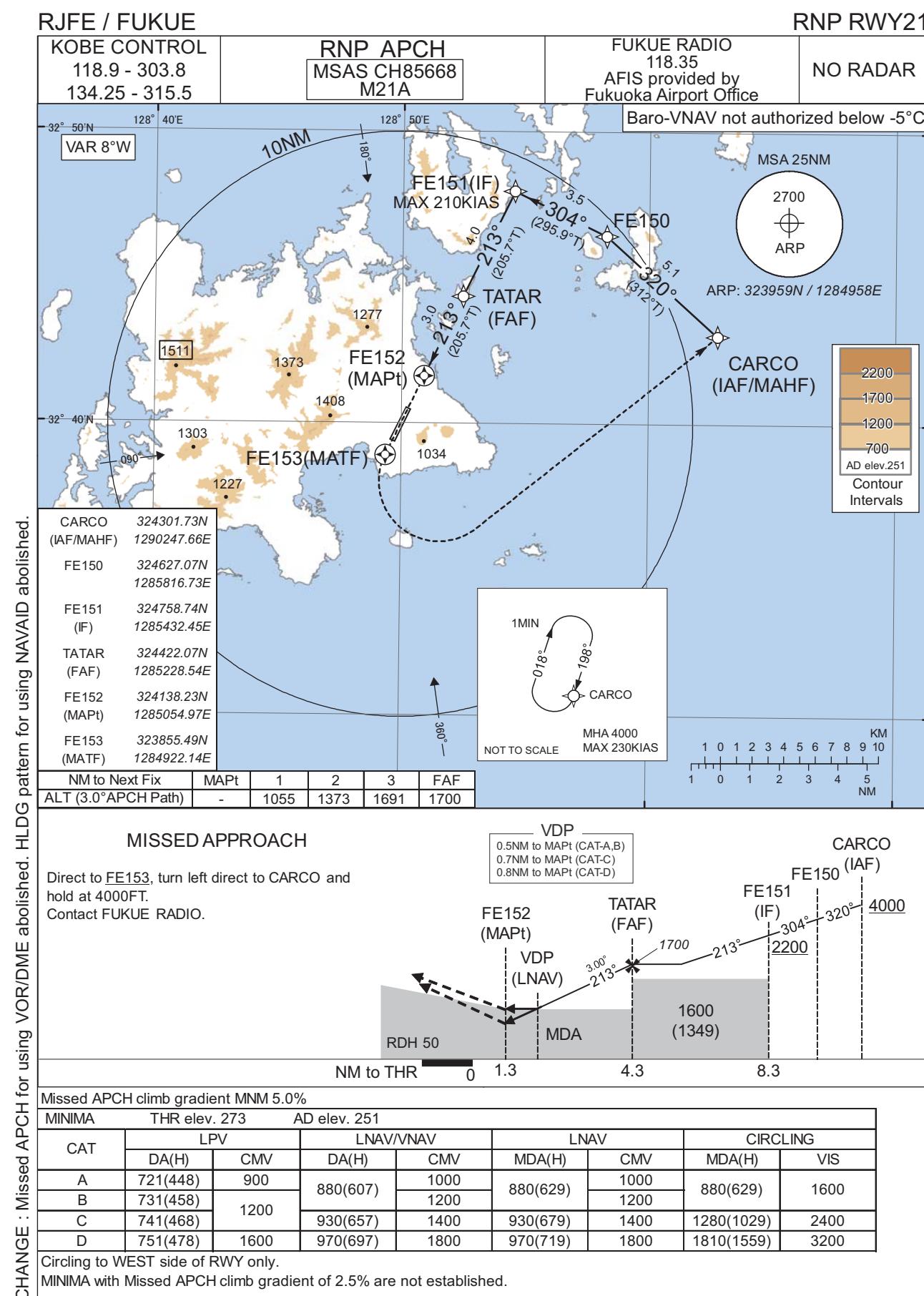
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00987 |
| SBAS service provider identifier | 2 | FPAP latitude | 324027.7825N |
| Airport identifier | RJFE | FPAP longitude | 1285014.8040E |
| 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 | Δ 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



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 | | |

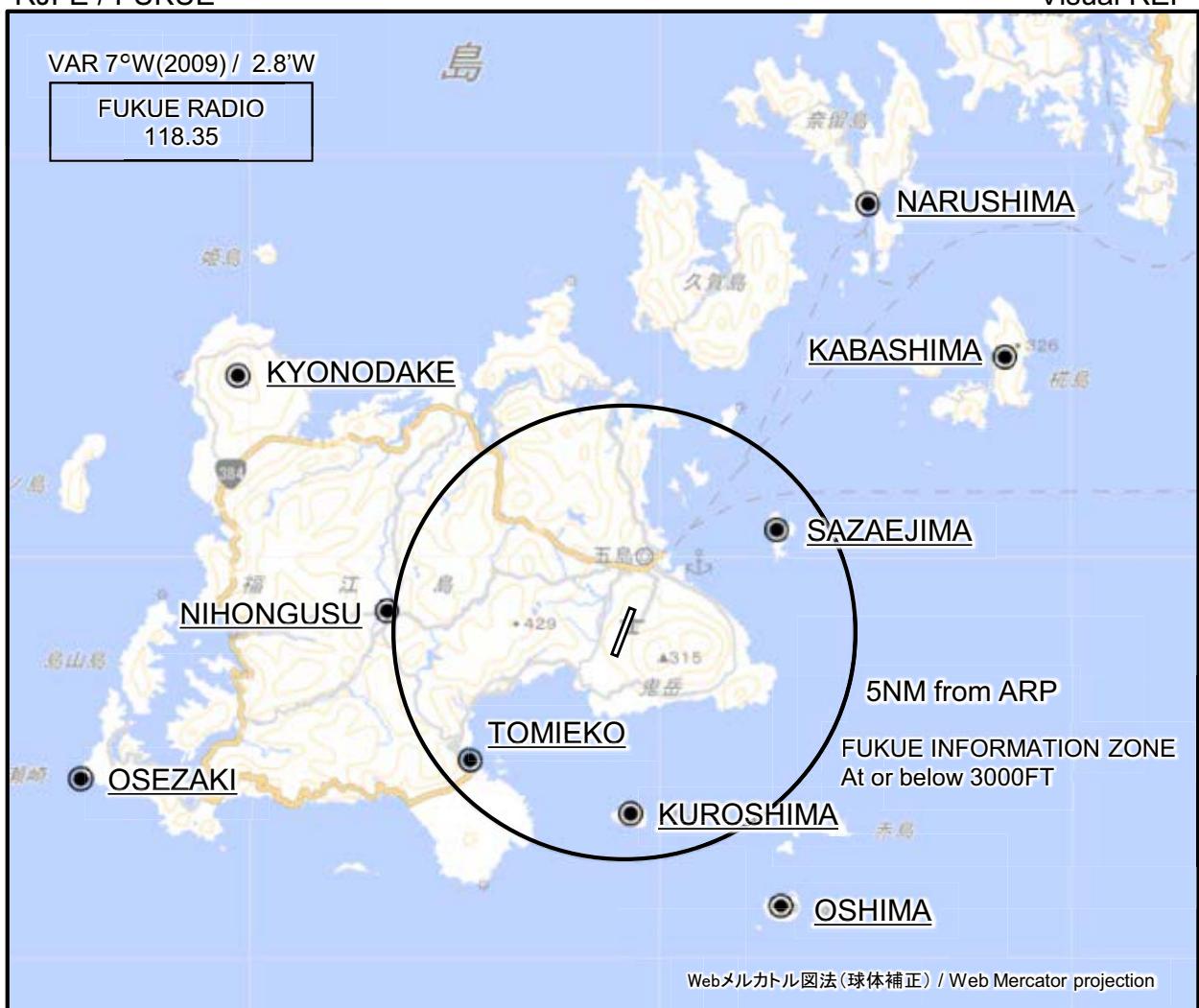
Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 82.9 |
|----------------------------|------|

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

RJFE / FUKUE

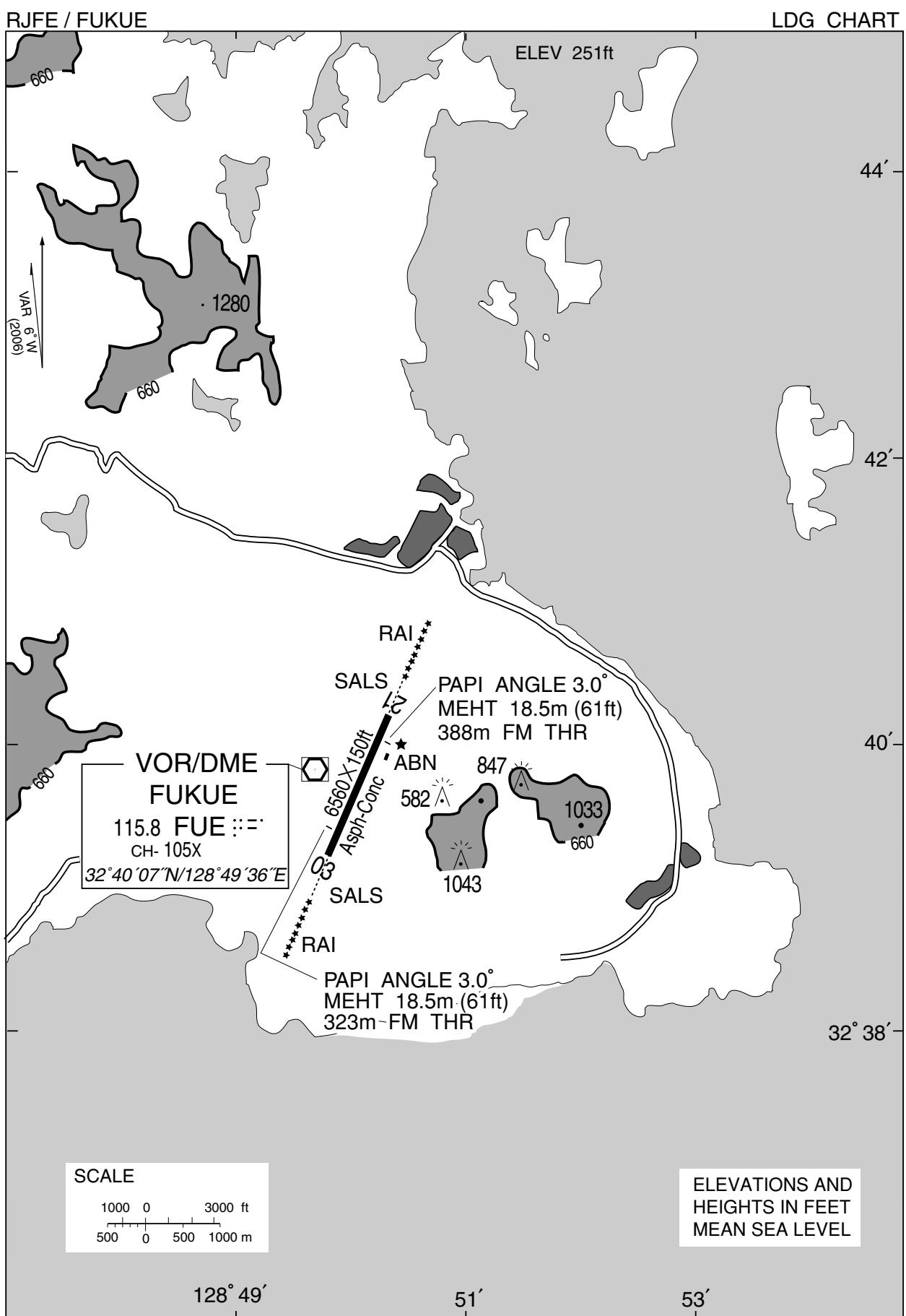
Visual REP



※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).

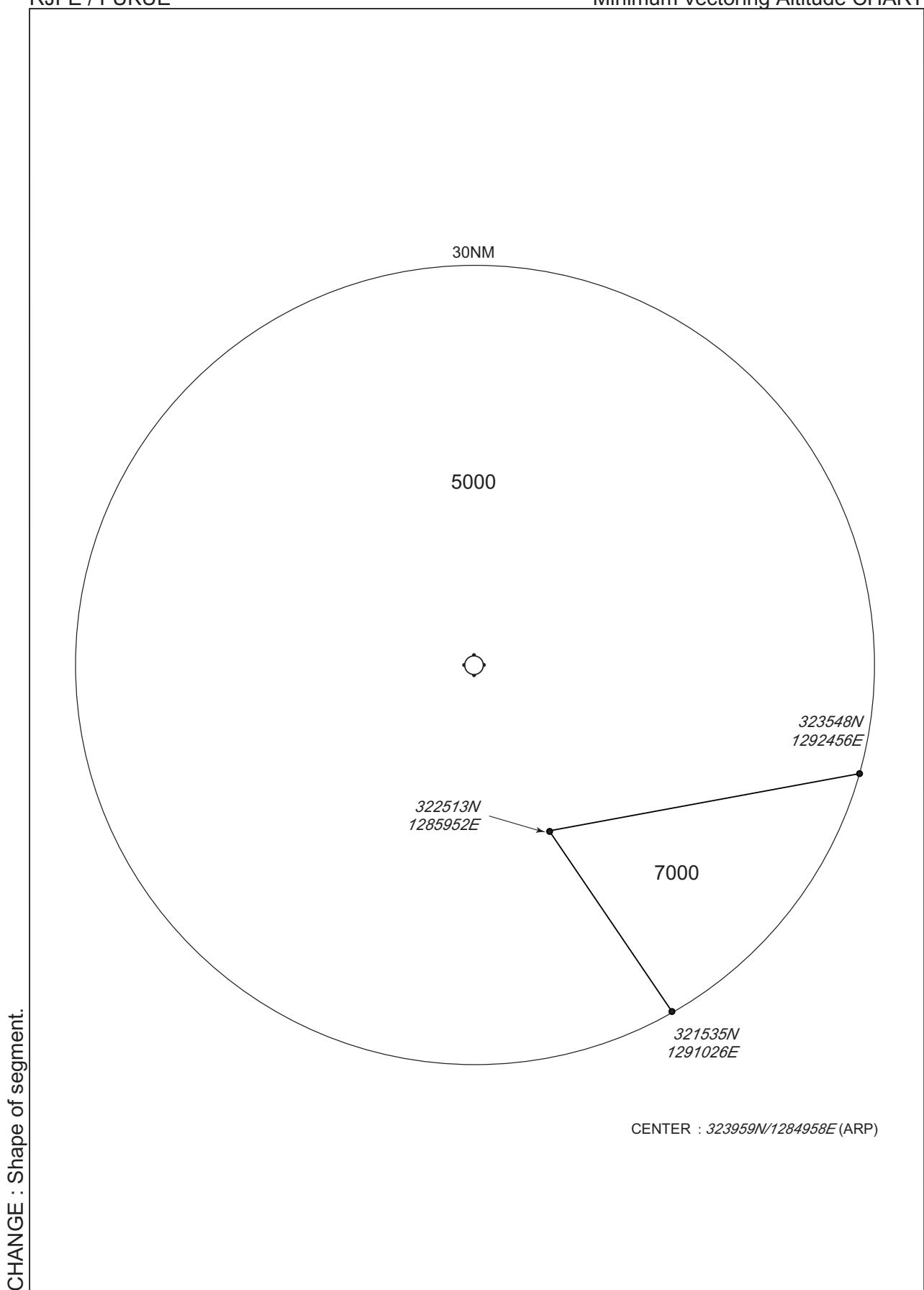
CHANGE : Secondary FREQ abolished.

| Call sign | BRG / DIST from ARP | Remarks |
|------------------|---------------------|-----------------------|
| 奈留島 Narushima | 029°T / 10.8NM | 浦港 Harbor |
| 梶島 Kabashima | 053°T / 10.2NM | 島 Island |
| 京ノ岳 Kyonodake | 304°T / 10.1NM | レーダーサイト Radar site |
| 螺旋島 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



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