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STANDARD DEPARTURE CHART - INSTRUMENT

RJDB / IKI

SID

FUKUOKA FOUR DEPARTURE

RWY 02 : Climb RWY HDG to 600FT, turn right HDG 150°...

RWY 20 : Turn left HDG 060°...

....to intercept and proceed via IKE R105 to DGC VORTAC.

Note RWY02 : 6.7% climb gradient required up to 600FT.

OBST ALT 299FT located at 0.68NM 002° FM end of RWY02.



STANDARD DEPARTURE CHART - INSTRUMENT

RJDB / IKI

SID

IKI REVERSAL THREE DEPARTURE

RWY 02 : Climb RWY HDG to 1600FT, turn right,....

RWY 20 : Climb RWY HDG to 1500FT, turn right,....

...proceed to IKE VOR/DME.

Cross IKE VOR/DME at or above 4000FT.

Note RWY02 : 6.7% climb gradient required up to 600FT.

OBST ALT 299FT located at 0.68NM 002° FM end of RWY02.

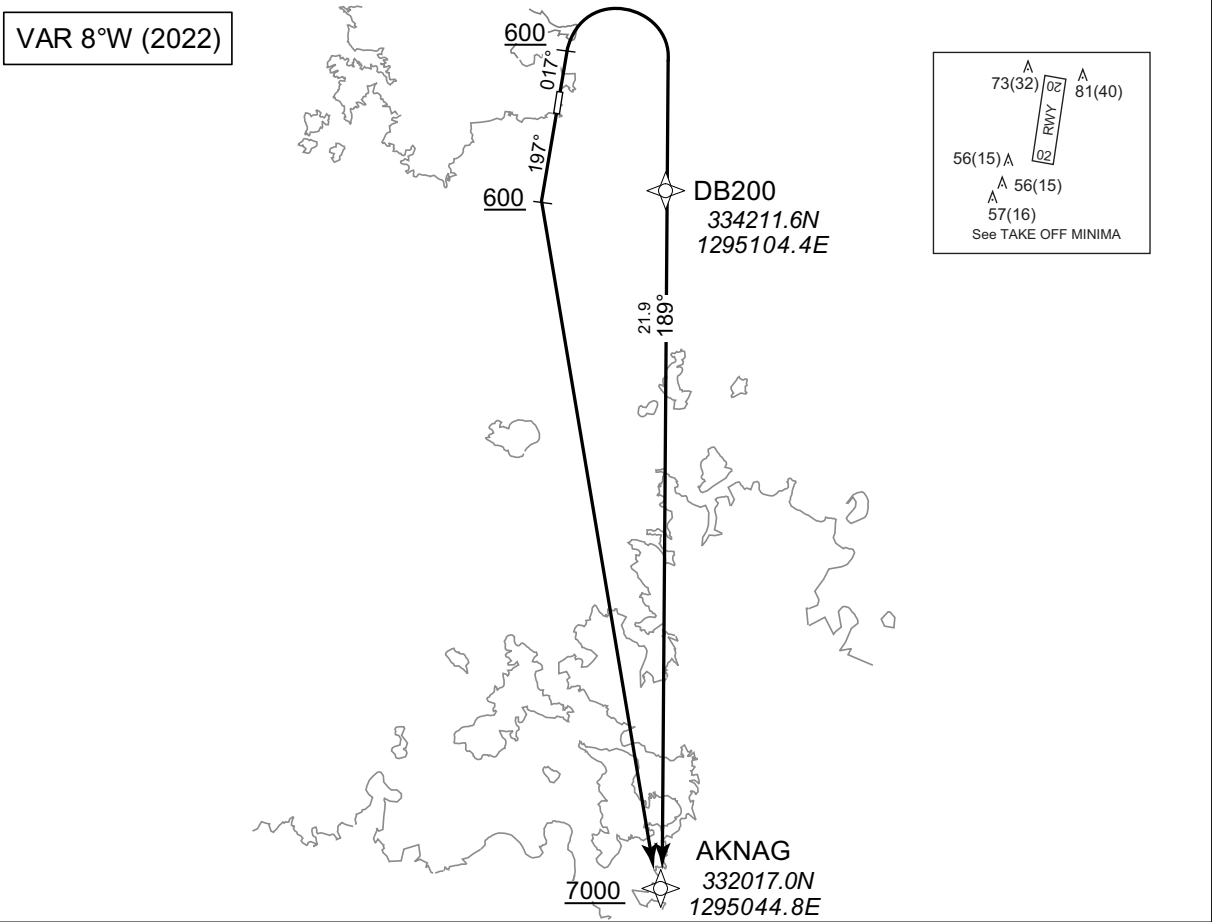


STANDARD DEPARTURE CHART - INSTRUMENT

RJDB / IKIRNAV SID

| | |
|---------------------|------------|
| AKNAG ONE DEPARTURE | Basic RNP1 |
|---------------------|------------|

Note GNSS required.



RWY 02 : Climb on HDG017° at or above 600FT, turn right direct to DB200, to AKNAG at or above 7000FT.
RWY 20 : Climb on HDG197° at or above 600FT, turn left direct to AKNAG at or above 7000FT.

Note RWY02 : 6.7% climb gradient required up to 600FT.
OBST ALT 299FT located at 0.7NM 360° FM end of RWY02.

| RWY02 | | | | | | | | | | | |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 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 | — | — | 017 (009.3) | -7.9 | — | — | +600 | — | — | Basic RNP1 |
| 002 | DF | DB200 | — | — | -7.9 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | AKNAG | — | 189 (180.7) | -7.9 | 21.9 | — | +7000 | — | — | Basic RNP1 |

| RWY20 | | | | | | | | | | | |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 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 | — | — | 197 (189.3) | -7.9 | — | — | +600 | — | — | Basic RNP1 |
| 002 | DF | AKNAG | — | — | -7.9 | — | L | +7000 | — | — | Basic RNP1 |

CHANGE : New PROC.

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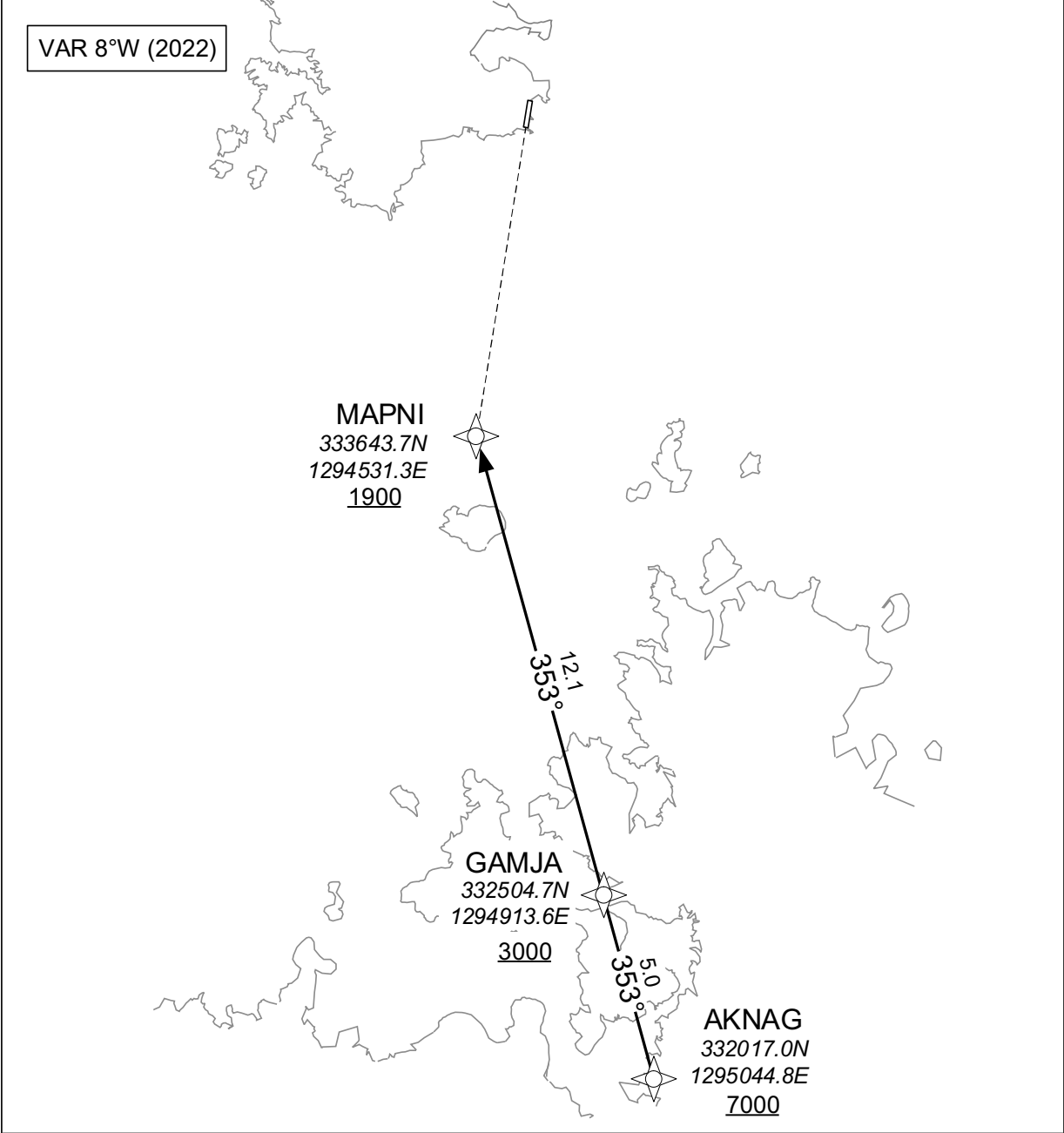
STANDARD ARRIVAL CHART - INSTRUMENT

RJDB / IKI

RNAV STAR RWY02

| AKNAG ARRIVAL | Basic RNP1 |
|---------------|------------|
|---------------|------------|

Note GNSS required.



CHANGE : New PROC.

From AKNAG at or above 7000FT, to GAMJA at or above 3000FT, to MAPNI at or above 1900FT.

| 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 | IF | AKNAG | — | — | -7.9 | — | — | +7000 | — | — | Basic RNP1 |
| 002 | TF | GAMJA | — | 353 (345.2) | -7.9 | 5.0 | — | +3000 | — | — | Basic RNP1 |
| 003 | TF | MAPNI | — | 353 (345.2) | -7.9 | 12.1 | — | +1900 | — | — | Basic RNP1 |

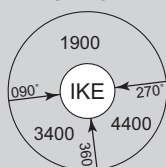
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RJDB / IKI

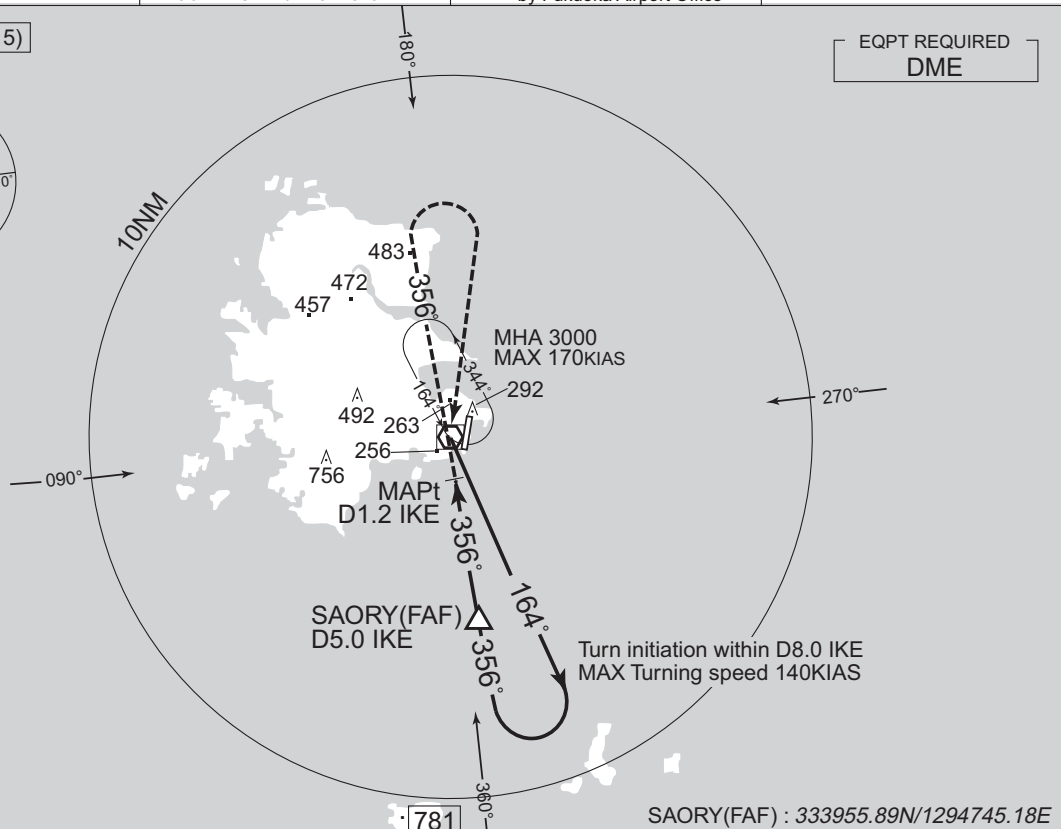
VOR RWY02

VAR 7°W (2015)

MSA 25NM



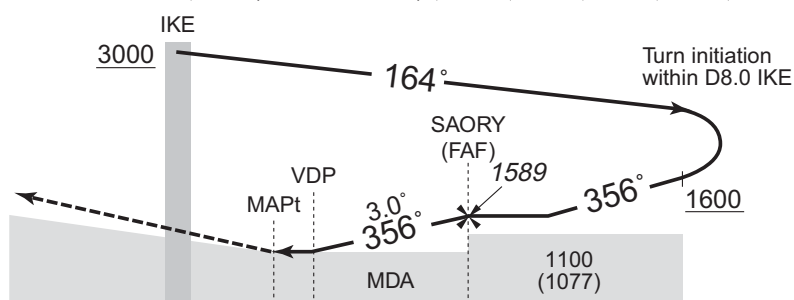
- EQPT REQUIRED
DME



SAORY(FAF) : 333955.89N/1294745.18E

| NM to IKE | MAPt | 2 | 3 | 4 | FAF |
|----------------------|------|-----|-----|------|------|
| ALT (3.0° APCH Path) | – | 633 | 952 | 1270 | 1589 |

Climb to 1500FT via IKE R356,
turn right, direct to IKE VOR/DME
and hold at 3000FT.
Contact FUKUOKA RADAR.



Timing not authorized for defining the MAPt.

| | | | | |
|------------|-----|-----|-----|-----|
| DME to IKE | 0.2 | 1.2 | 1.5 | 5.0 |
| NM to THR | 0 | 1.0 | 1.2 | 4.8 |

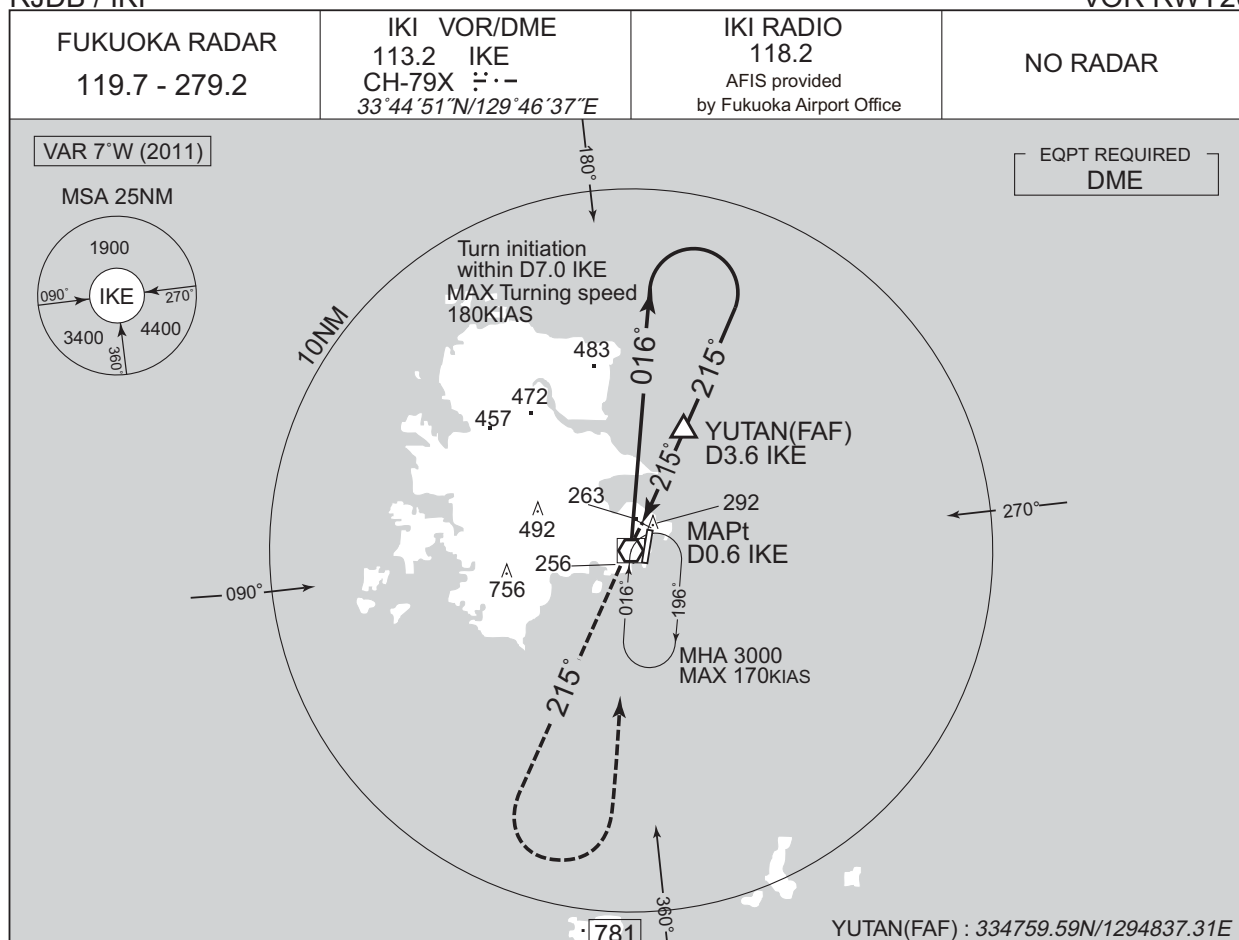
| MINIMA | | THR elev. 23 | AD elev. 41 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 440 (417) | 1500 | 660 (619) | 1600 |
| B | | | | |
| C | — | — | — | — |
| D | | | | |

CHANGE : Call sign (REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RJDB / IKI

VOR RWY20

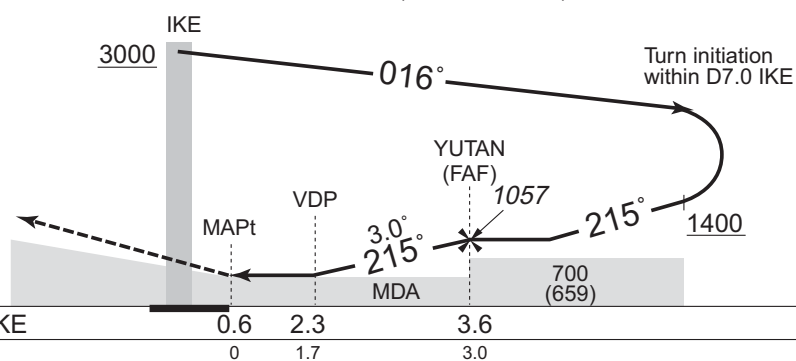


| NM to IKE | MAPt | 3 | FAF |
|----------------------|------|-----|------|
| ALT (3.0° APCH Path) | — | 881 | 1057 |

MISSED APPROACH

Climb to 1500FT via IKE R215, turn left, direct to IKE VOR/DME and hold at 3000FT.
Contact FUKUOKA RADAR.

Timing not authorized for defining the MAPt.



DME to IKE

NM to THR

0.6

2.3

3.6

0

1.7

3.0

MINIMA THR elev. 52 AD elev. 41

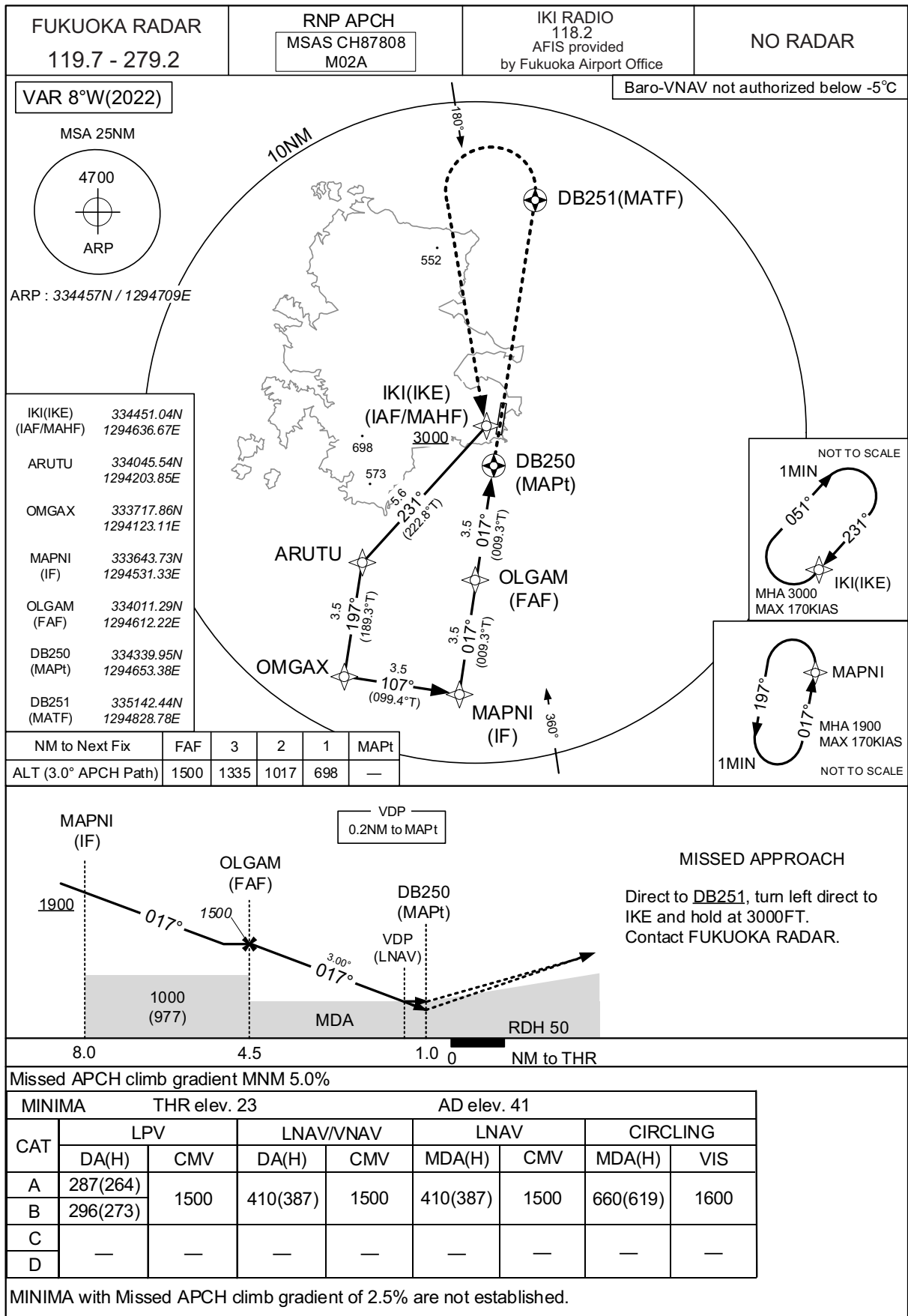
| CAT | CIRCLING | | CIRCLING | |
|-----|-----------|------|-----------|------|
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 610 (569) | 1500 | 660 (619) | 1600 |
| B | | | | |
| C | — | — | — | — |
| D | — | — | — | — |

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RJDB / IKI

RNP RWY02



INSTRUMENT APPROACH CHART

RJDB / IKI

RNP RWY02

FAS DATA BLOCK

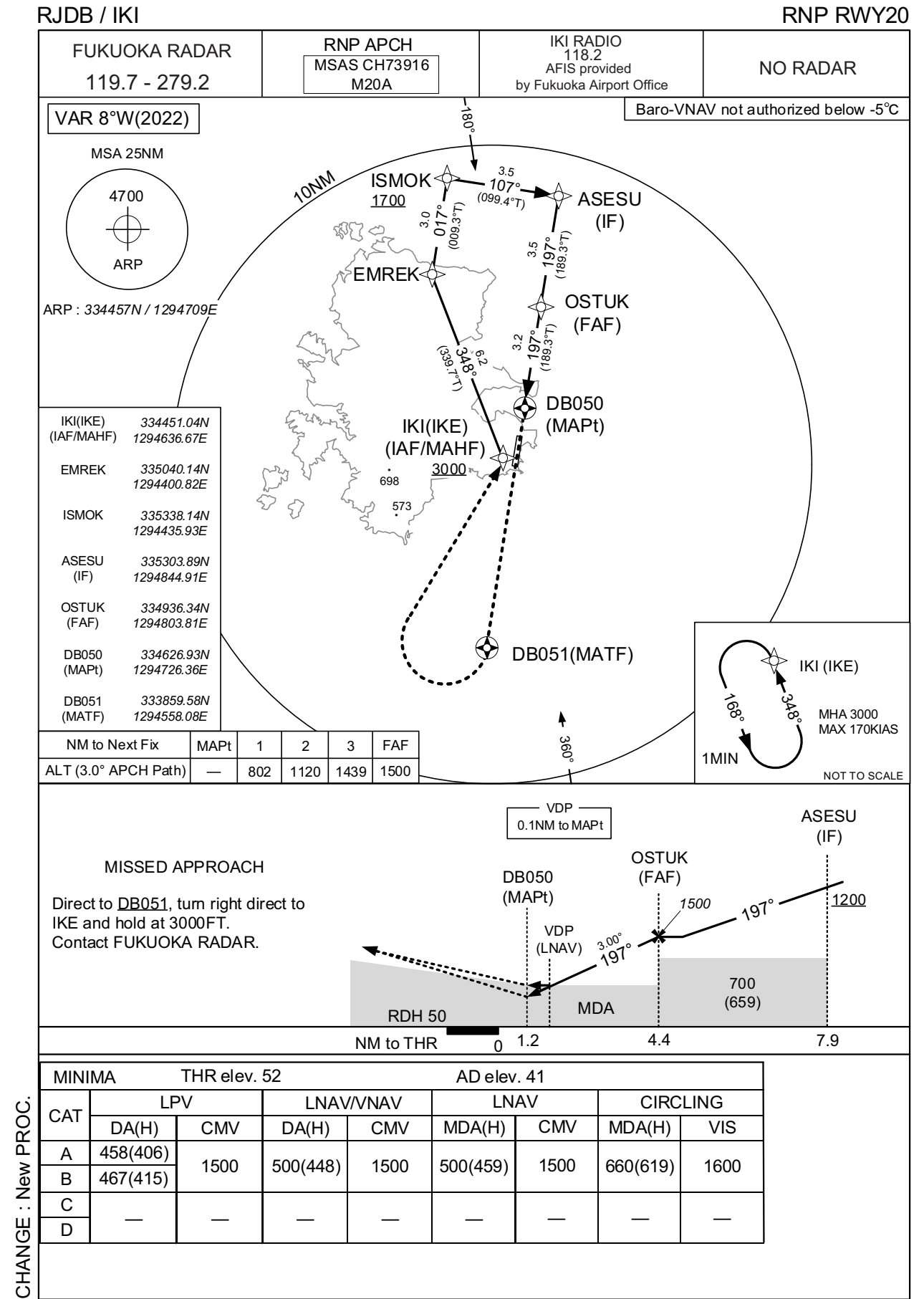
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00382 |
| SBAS service provider identifier | 2 | FPAP latitude | 334531.5680N |
| Airport identifier | RJDB | FPAP longitude | 1294715.4170E |
| Runway | 02 | 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 | M02A | ∠ length offset | 0496 |
| LTP/FTP latitude | 334437.2865N | HAL | 40.0 |
| LTP/FTP longitude | 1294704.7065E | VAL | 50.0 |
| CRC remainder | 5C72DF61 | | |

Required additional data

| | |
|----------------------------|-----|
| LTP/FTP orthometric height | 6.7 |
|----------------------------|-----|

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

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJDB / IKI

RNP RWY20

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00471 |
| SBAS service provider identifier | 2 | FPAP latitude | 334421.4340N |
| Airport identifier | RJDB | FPAP longitude | 1294701.5790E |
| Runway | 20 | 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 | M20A | ∟ length offset | 0496 |
| LTP/FTP latitude | 334515.7155N | HAL | 40.0 |
| LTP/FTP longitude | 1294712.2885E | VAL | 50.0 |
| CRC remainder | 660F91B2 | | |

Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 15.6 |
|----------------------------|------|

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



※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 : Call sign(REMOTE→RADIO):

| Call sign | BRG / DIST from ARP | Remarks |
|----------------------|---------------------|------------------|
| 勝本 Katsumoto | 324°T / 7.9NM | 漁港 Harbor |
| 郷ノ浦 Gonoura | 265°T / 5.2NM | 漁港 Harbor |
| 名島 Najima | 103°T / 3.7NM | 灯台 Lighthouse |
| 烏帽子島 Eboshijima | 110°T / 10.5NM | 灯台 Lighthouse |
| 加唐島 Kakarajima | 154°T / 8.8NM | 灯台 Lighthouse |
| 二神島 Futagamishima | 233°T / 14.5NM | 灯台 Lighthouse |



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Minimum Vectoring Altitude CHART

