

RJKA / AMAMI

AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

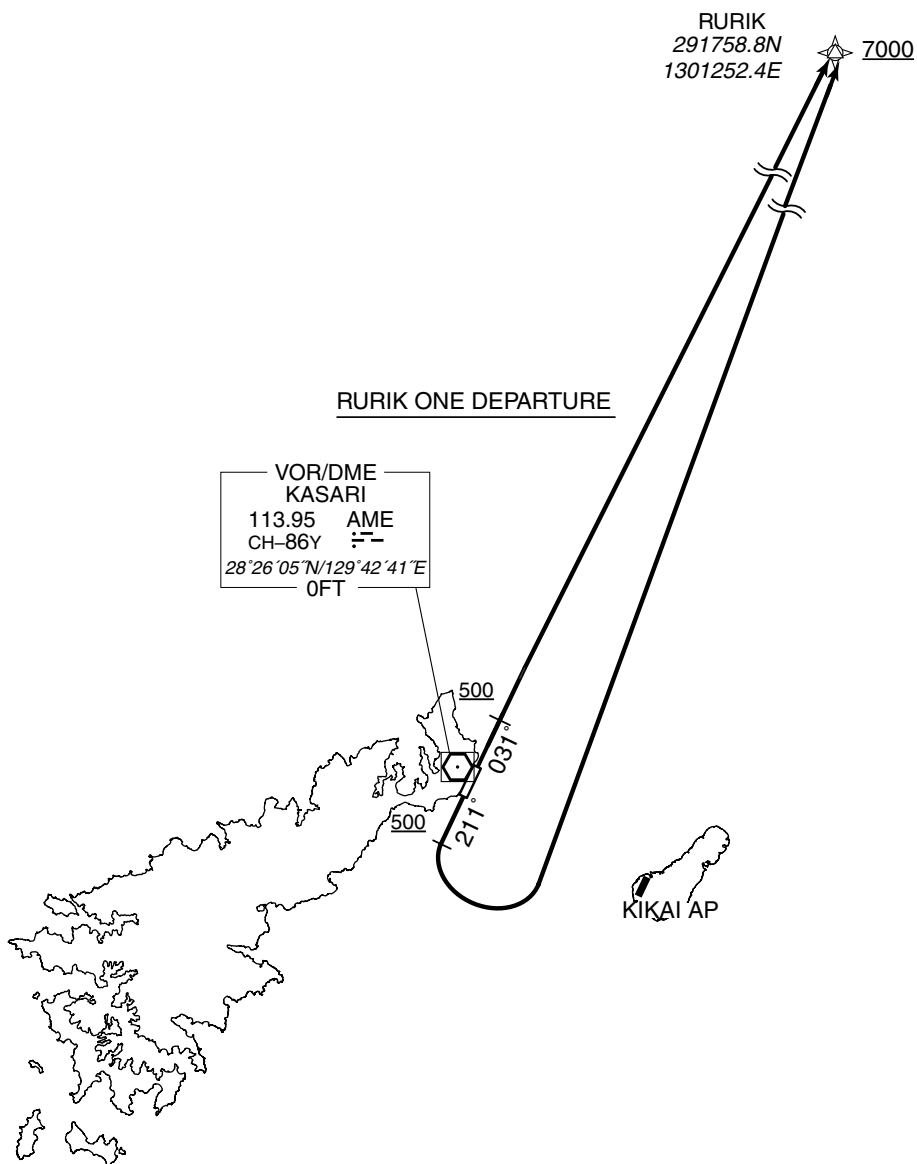
RNAV SID

RURIK ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 6°W (2015)



RURIK ONE DEPARTURE

RWY03 : Climb on HDG031° at or above 500FT, direct to RURIK at or above 7000FT.

RWY21 : Climb on HDG211° at or above 500FT, turn left direct to RURIK at or above 7000FT.

NOTE RWY21 : 5.0% climb gradient required up to 500FT.

OBST ALT 722FT located at 1.2NM 304° FM end of RWY21.

## STANDARD DEPARTURE CHART -INSTRUMENT

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RNAV SID

RURIK ONE DEPARTURE

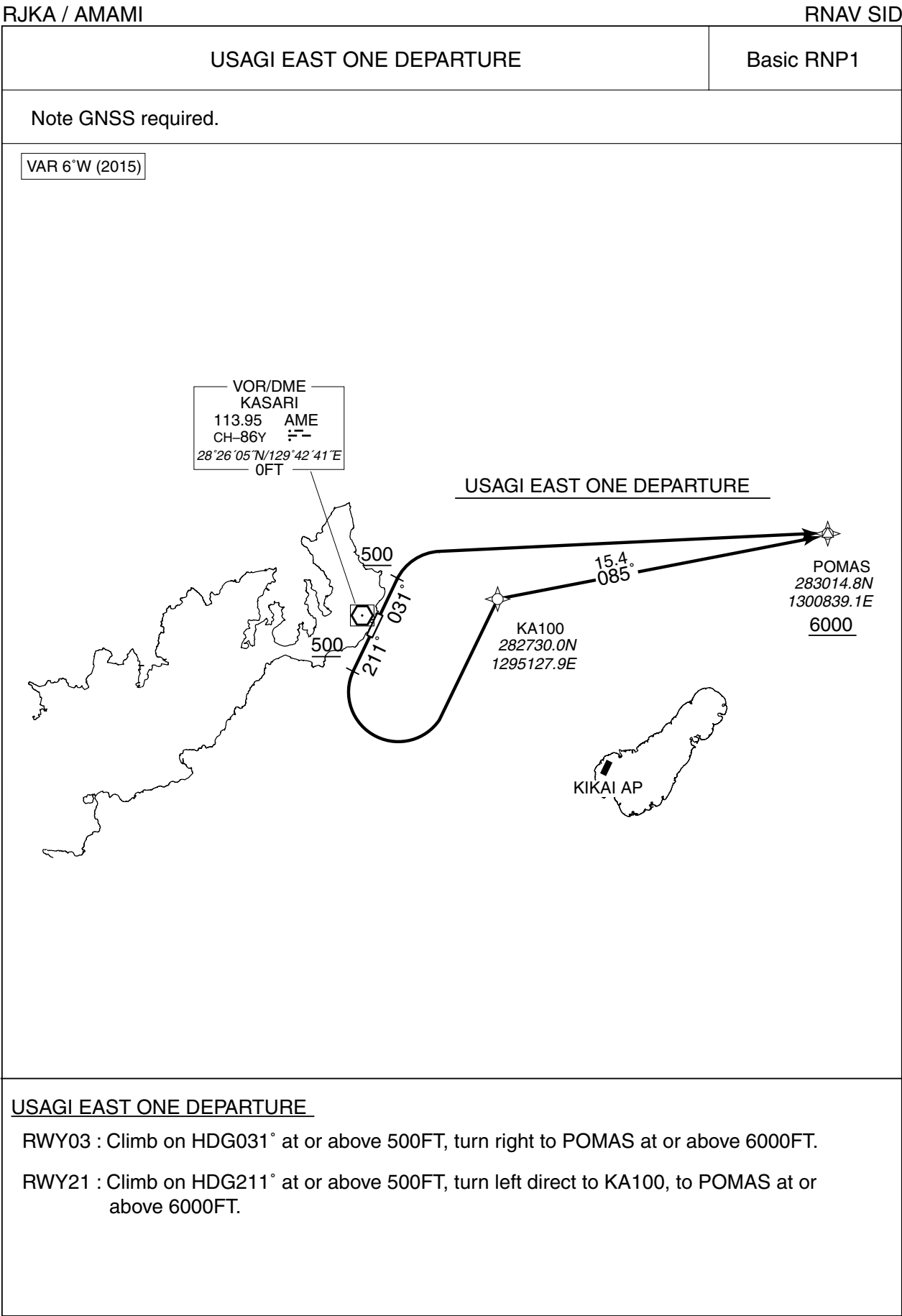
## RWY 03

| 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              | —                   | —        | 031<br>(025.8) | -5.7               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | RURIK               | —        | —              | -5.7               | —             | —              | +7000         | —            | —              | Basic RNP1               |

## RWY 21

| 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              | —                   | —        | 211<br>(205.8) | -5.7               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | RURIK               | —        | —              | -5.7               | —             | L              | +7000         | —            | —              | Basic RNP1               |

STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

RNAV SID

USAGI EAST ONE DEPARTURE

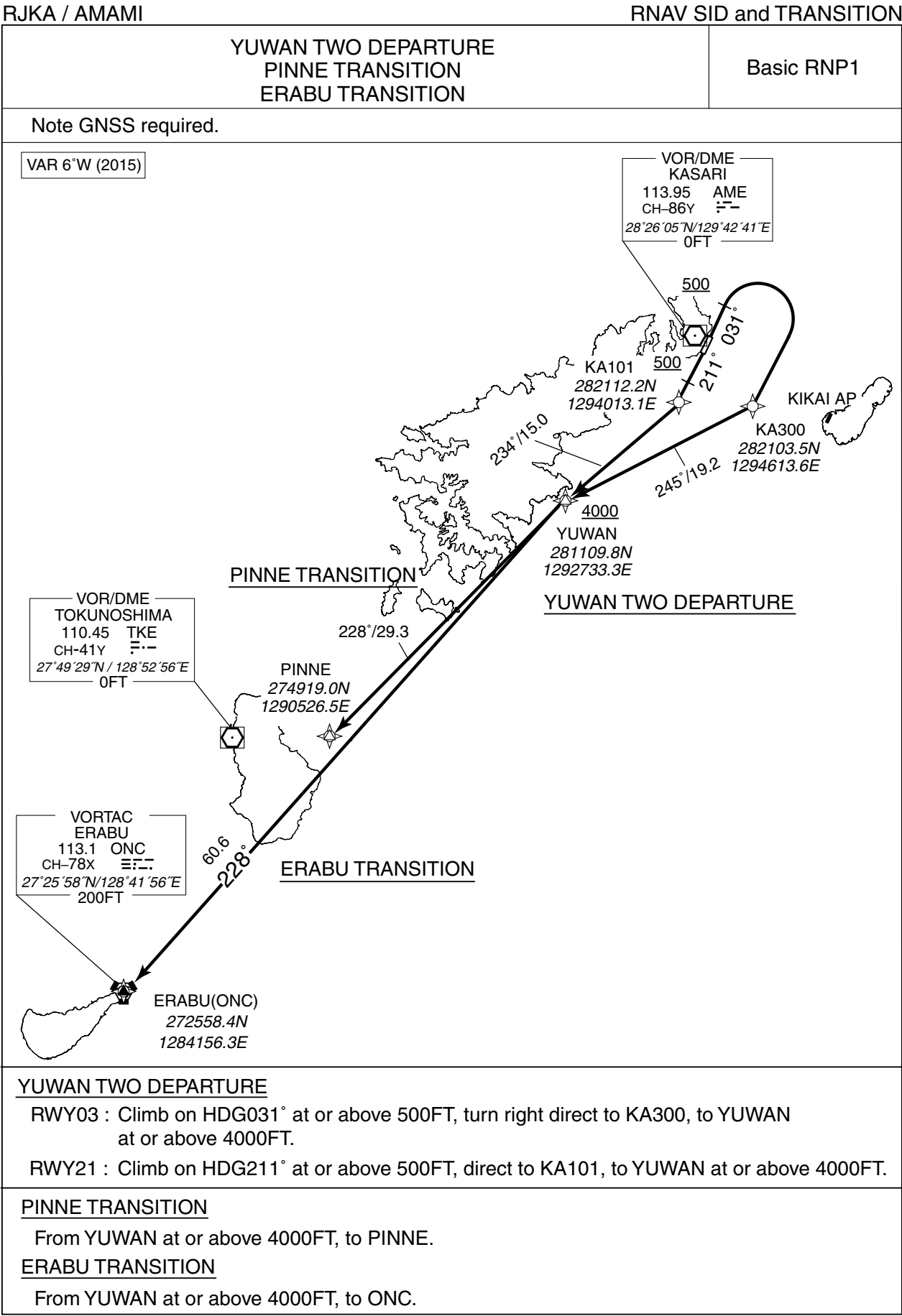
## RWY 03

| 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              | —                   | —        | 031<br>(025.8) | -5.7               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | POMAS               | —        | —              | -5.7               | —             | R              | +6000         | —            | —              | Basic RNP1               |

## RWY 21

| 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              | —                   | —        | 211<br>(205.8) | -5.7               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | KA100               | —        | —              | -5.7               | —             | L              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | POMAS               | —        | 085<br>(079.6) | -5.7               | 15.4          | —              | +6000         | —            | —              | Basic RNP1               |

STANDARD DEPARTURE CHART -INSTRUMENT



## STANDARD DEPARTURE CHART -INSTRUMENT

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RNAV SID and TRANSITION

YUWAN TWO DEPARTURE

## RWY 03

| 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              | —                   | —        | 031<br>(025.8) | -5.7               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | KA300               | —        | —              | -5.7               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | YUWAN               | —        | 245<br>(239.0) | -5.7               | 19.2          | —              | +4000         | —            | —              | Basic RNP1               |

## RWY 21

| 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              | —                   | —        | 211<br>(205.8) | -5.7               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | KA101               | —        | —              | -5.7               | —             | —              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | YUWAN               | —        | 234<br>(228.1) | -5.7               | 15.0          | —              | +4000         | —            | —              | Basic RNP1               |

PINNE TRANSITION

| 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              | YUWAN               | —        | —              | -5.7               | —             | —              | +4000         | —            | —              | Basic RNP1               |
| 002           | TF              | PINNE               | —        | 228<br>(221.9) | -5.7               | 29.3          | —              | —             | —            | —              | Basic RNP1               |

ERABU TRANSITION

| 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              | YUWAN               | —        | —              | -5.7               | —             | —              | +4000         | —            | —              | Basic RNP1               |
| 002           | TF              | ONC                 | —        | 228<br>(221.9) | -5.7               | 60.6          | —              | —             | —            | —              | Basic RNP1               |

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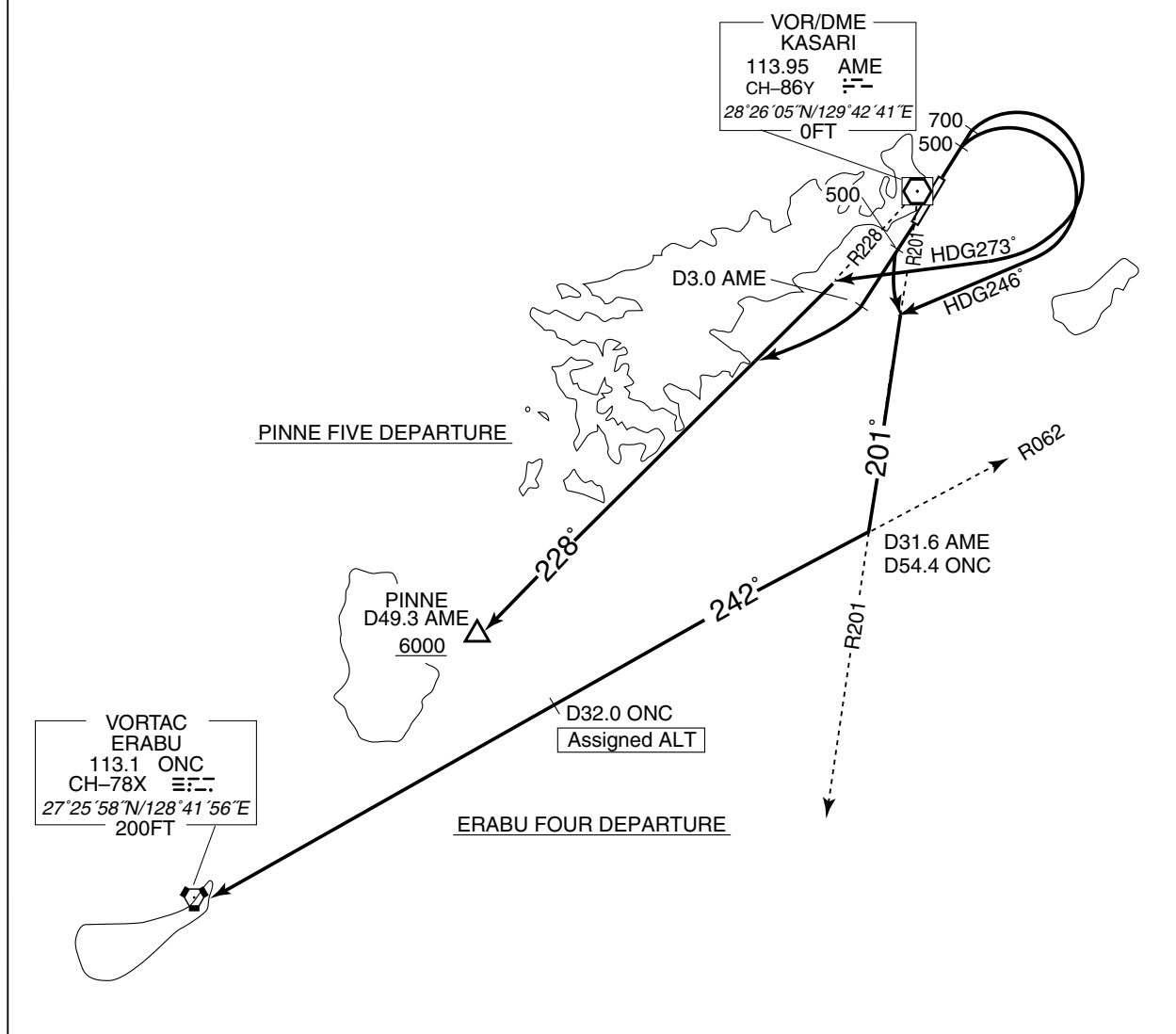
SID

PINNE FIVE DEPARTURE

RWY 03 : Climb RWY HDG to 700FT, turn right HDG273° to intercept and proceed...  
RWY 21 : Climb RWY HDG to AME 3.0DME, turn right,...  
... via AME R228 to PINNE.  
Cross PINNE at or above 6000FT.

ERABU FOUR DEPARTURE

RWY 03 : Climb RWY HDG to 500FT, turn right HDG246° to intercept and proceed...  
RWY 21 : Climb RWY HDG to 500FT, turn left,...  
... via AME R201, via ONC R062 to ONC VORTAC.  
Cross ONC R062/32.0DME at assigned altitude.





## STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

SID

KASARI REVERSAL TWO DEPARTURE

RWY03 : Climb RWY HDG to 1000FT, turn right,...

RWY21 : Climb RWY HDG to 1000FT, turn left,...

...direct to AME VOR/DME. Cross AME VOR/DME at or above 3000FT.

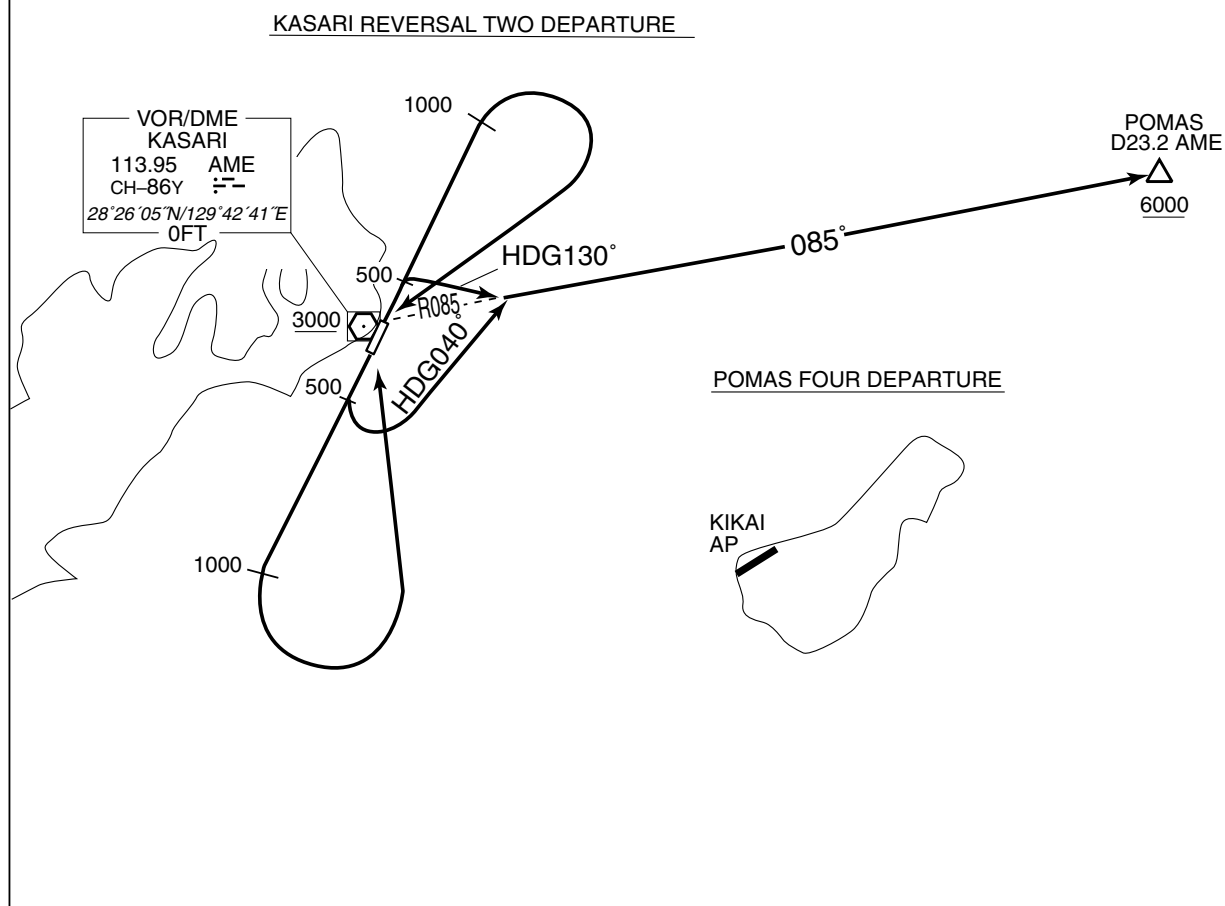
POMAS FOUR DEPARTURE

RWY03 : Climb RWY HDG to 500FT, turn right HDG130°...

RWY21 : Climb RWY HDG to 500FT, turn left HDG040°...

... to intercept and proceed via AME R085 to POMAS.

Cross POMAS at or above 6000FT.



STANDARD ARRIVAL CHART-INSTRUMENT

RJKA / AMAMI

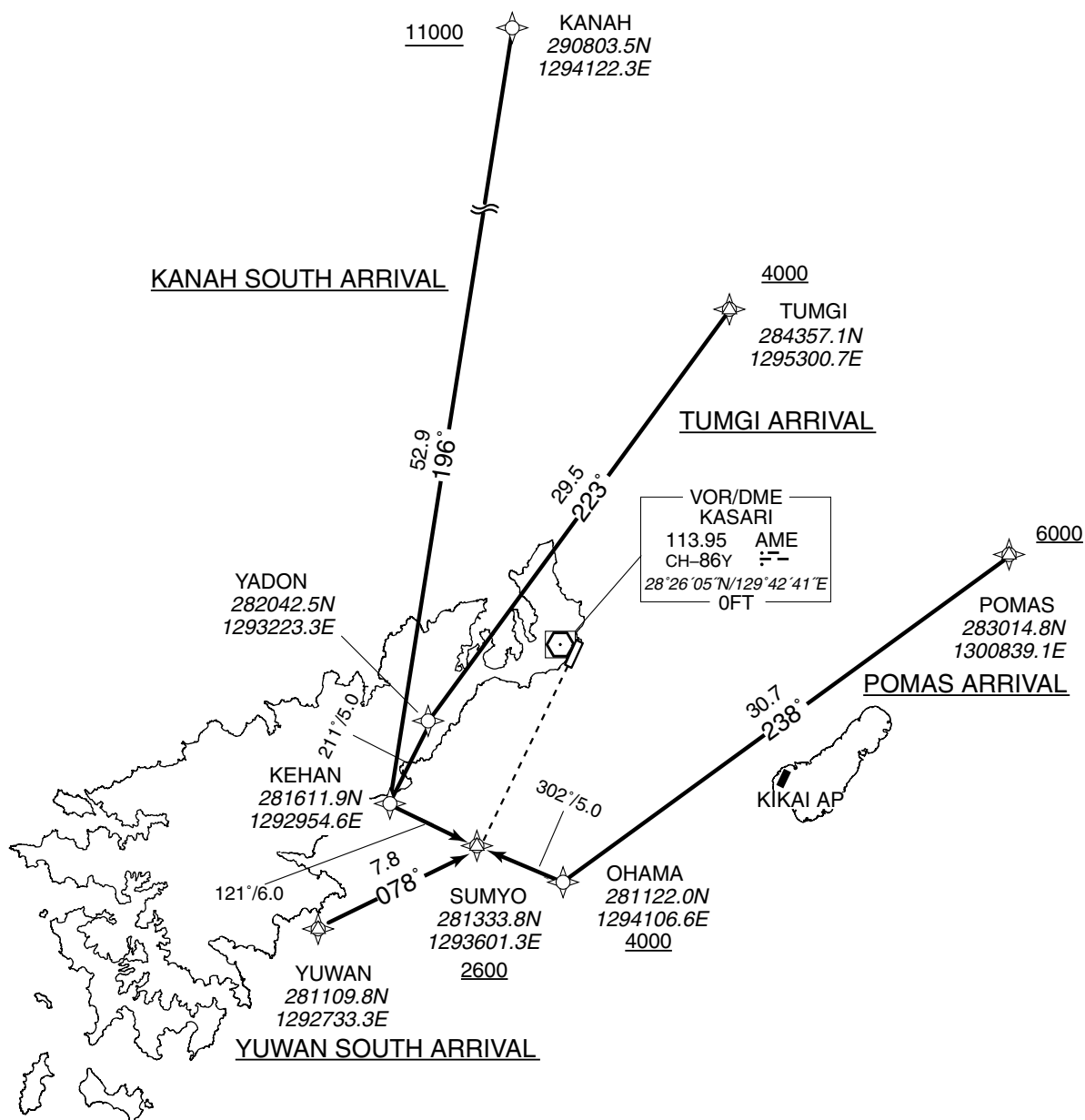
RNAV STAR RWY03

POMAS ARRIVAL / YUWAN SOUTH ARRIVAL  
KANAH SOUTH ARRIVAL / TUMGI ARRIVAL

Basic RNP1

Note GNSS required.

VAR 5°W (2013)



## STANDARD ARRIVAL CHART-INSTRUMENT

RJKA / AMAMI

RNAV STAR RWY03

POMAS ARRIVAL

From POMAS at or above 6000FT, to OHAMA at or above 4000FT, to SUMYO at or above 2600FT.

| 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              | POMAS               | —        | —              | -5.4               | —             | —              | +6000         | —            | —              | Basic RNP1               |
| 002           | TF              | OHAMA               | —        | 238<br>(232.2) | -5.4               | 30.7          | —              | +4000         | —            | —              | Basic RNP1               |
| 003           | TF              | SUMYO               | —        | 302<br>(296.1) | -5.4               | 5.0           | —              | +2600         | —            | —              | Basic RNP1               |

YUWAN SOUTH ARRIVAL

From YUWAN, to SUMYO at or above 2600FT.

| 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              | YUWAN               | —        | —              | -5.4               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | SUMYO               | —        | 078<br>(072.1) | -5.4               | 7.8           | —              | +2600         | —            | —              | Basic RNP1               |

KANAH SOUTH ARRIVAL

From KANAH at or above 11000FT, to KEHAN, to SUMYO at or above 2600FT.

| 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              | KANAH               | —        | —              | -5.4               | —             | —              | +11000        | —            | —              | Basic RNP1               |
| 002           | TF              | KEHAN               | —        | 196<br>(191.0) | -5.4               | 52.9          | —              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | SUMYO               | —        | 121<br>(116.0) | -5.4               | 6.0           | —              | +2600         | —            | —              | Basic RNP1               |

TUMGI ARRIVAL

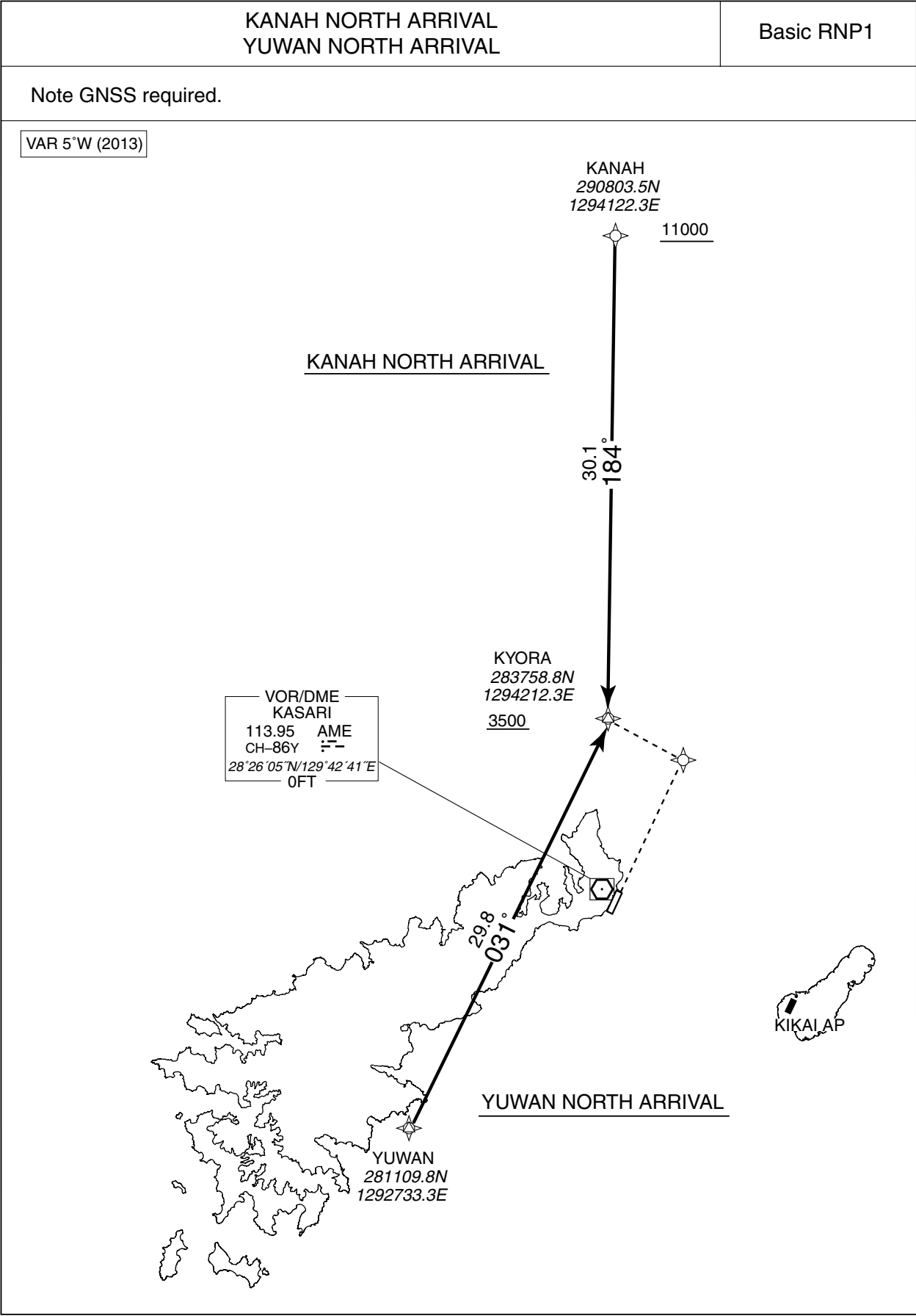
From TUMGI at or above 4000FT, to YADON, to KEHAN, to SUMYO at or above 2600FT.

| 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              | TUMGI               | —        | —              | -5.4               | —             | —              | +4000         | —            | —              | Basic RNP1               |
| 002           | TF              | YADON               | —        | 223<br>(218.0) | -5.4               | 29.5          | —              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | KEHAN               | —        | 211<br>(205.8) | -5.4               | 5.0           | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | SUMYO               | —        | 121<br>(116.0) | -5.4               | 6.0           | —              | +2600         | —            | —              | Basic RNP1               |

STANDARD ARRIVAL CHART-INSTRUMENT

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RNAV STAR RWY21



## STANDARD ARRIVAL CHART-INSTRUMENT

RJKA / AMAMI

RNAV STAR RWY21

KANAH NORTH ARRIVAL

From KANAH at or above 11000FT, to KYORA at or above 3500FT.

| 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              | KANAH               | —        | —              | -5.4               | —             | —              | +11000        | —            | —              | Basic RNP1               |
| 002           | TF              | KYORA               | —        | 184<br>(178.6) | -5.4               | 30.1          | —              | +3500         | —            | —              | Basic RNP1               |

YUWAN NORTH ARRIVAL

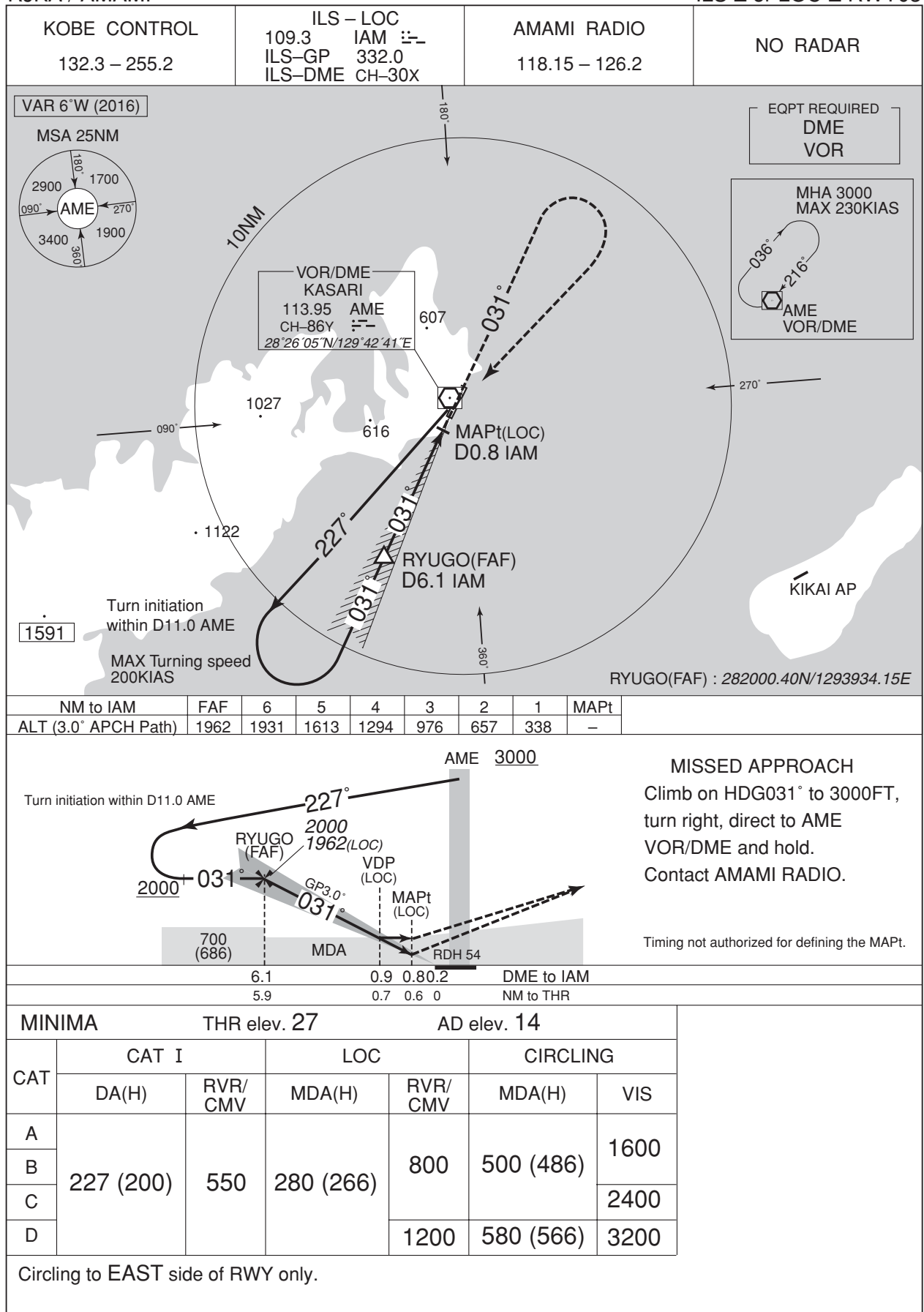
From YUWAN, to KYORA at or above 3500FT.

| 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              | YUWAN               | —        | —              | -5.4               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | KYORA               | —        | 031<br>(025.6) | -5.4               | 29.8          | —              | +3500         | —            | —              | Basic RNP1               |

INSTRUMENT APPROACH CHART

RJKA / AMAMI

ILS Z or LOC Z RWY03



CHANGE : COM

## INSTRUMENT APPROACH CHART

RJKA / AMAMI

ILS Y or LOC Y RWY03

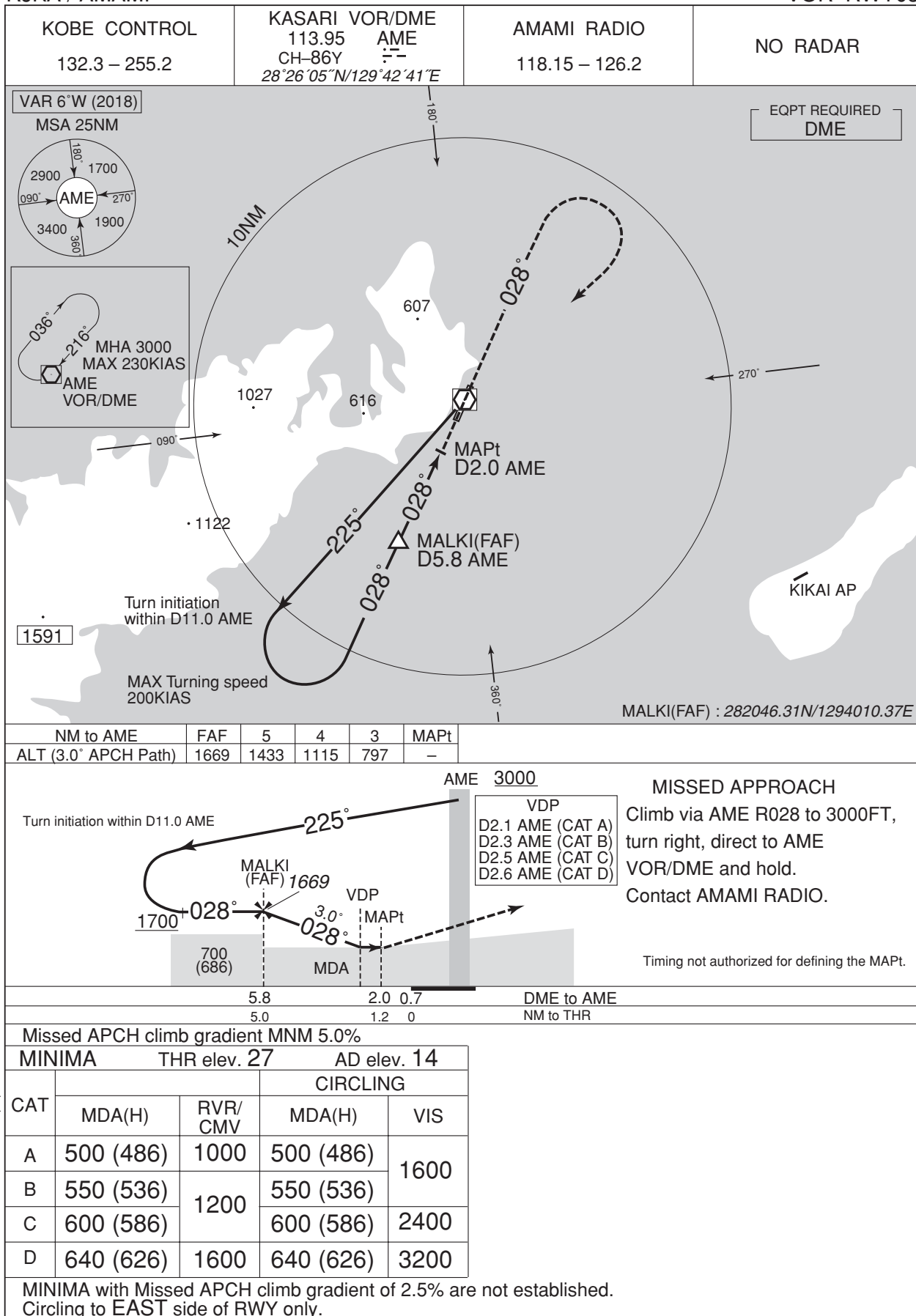


CHANGE : COM

INSTRUMENT APPROACH CHART

RJKA / AMAMI

VOR RWY03





## INSTRUMENT APPROACH CHART

RJKA / AMAMI

VOR RWY21



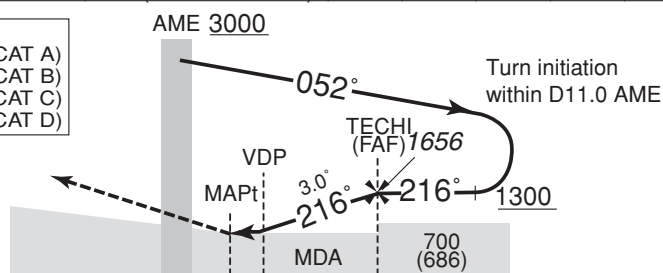
| NM to AME            | MAPt | 3   | 4    | 5    | FAF  |
|----------------------|------|-----|------|------|------|
| ALT (3.0° APCH Path) | —    | 904 | 1222 | 1540 | 1656 |

## MISSED APPROACH

Climb via AME R216 to 3000FT,  
turn right, direct to AME  
VOR/DME and hold.  
Contact AMAMI RADIO.

| VDP              |
|------------------|
| D1.9 AME (CAT A) |
| D2.0 AME (CAT B) |
| D2.2 AME (CAT C) |
| D2.4 AME (CAT D) |

Timing not authorized for defining the MAPt.



| DME to AME | 0.4 | 0.7 | 5.4 |
|------------|-----|-----|-----|
| NM to THR  | 0   | 0.3 | 5.0 |

Missed APCH climb gradient MNM 5.0%

| MINIMA |           | THR elev. 14 | AD elev. 14 |      |
|--------|-----------|--------------|-------------|------|
| CAT    | MDA(H)    | CMV          | MDA(H)      | VIS  |
| A      | 530 (516) | 1500         | 530 (516)   | 1600 |
| B      | 580 (566) |              | 580 (566)   |      |
| C      | 630 (616) | 1800         | 630 (616)   | 2400 |
| D      | 660 (646) | 2000         | 660 (646)   | 3200 |

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

CHANGE : Editorial

## INSTRUMENT APPROACH CHART

RJKA / AMAMI

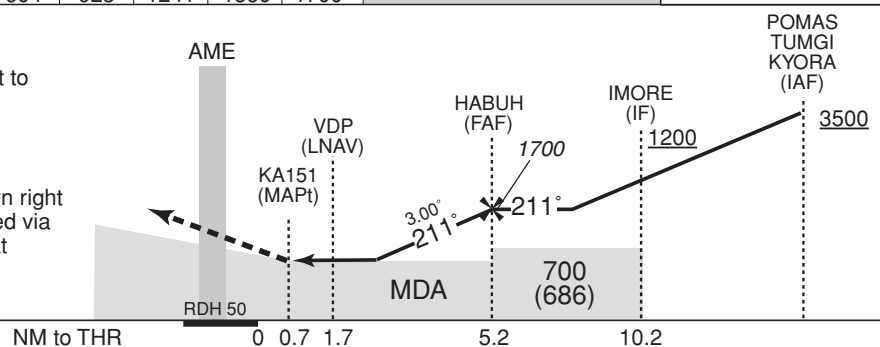
RNAV(GNSS) Z RWY21



## MISSED APPROACH

Climb to KA150, turn right, direct to KYORA and hold at 3500FT.  
Contact AMAMI RADIO.

(For using VOR/DME)  
Climb on HDG211° to 900FT, turn right HDG049° to intercept and proceed via AME R004 to KYORA and hold at 3500FT.  
Contact AMAMI RADIO.



Missed APCH climb gradient MNM 5.0%

| CAT | MINIMA    |      | THR elev. 14 |      | AD elev. 14 |      |
|-----|-----------|------|--------------|------|-------------|------|
|     | LNAV/VNAV |      | LNAV         |      | CIRCLING    |      |
|     | DA(H)     | CMV  | MDA(H)       | CMV  | MDA(H)      | VIS  |
| A   | 600 (586) | 1500 | 600 (586)    | 1500 | 600 (586)   | 1600 |
| B   |           | 1800 |              | 1800 |             | 2400 |
| C   |           | 2000 |              | 2000 |             | 3200 |
| D   |           |      |              |      |             |      |

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

CHANGE : COM

## INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNAV(RNP) Z RWY03

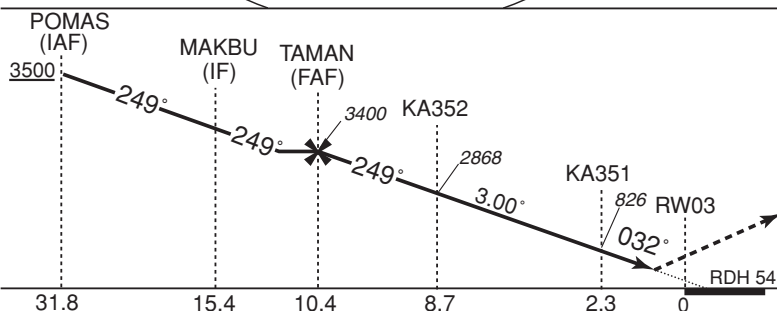
KOBE CONTROL  
132.3 – 255.2

GNSS and RF required

AMAMI RADIO  
118.15 – 126.2

NO RADAR

For uncompensated Baro-VNAV systems, procedure not authorized below 0°C / above 45°C



## MISSED APPROACH

Climb to 3500FT, to HABUH,  
to TUMGI and hold.  
Contact AMAMI RADIO.

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 27 AD elev. 14

| CAT | RNP 0.13 |         | RNP 0.30 |         |
|-----|----------|---------|----------|---------|
|     | DA(H)    | RVR/CMV | DA(H)    | RVR/CMV |
| A   | —        | —       | —        | —       |
| B   | —        | —       | —        | —       |
| C   | 327(300) | 1000    | 554(527) | 1200    |
| D   | —        | 1400    | —        | 1600    |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

**RNP AR**  
Special Authorization Required

## INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNAV(RNP) Z RWY03

RNAV(RNP) Z RWY03Coding Table

| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value    |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|-----------------|--------------|
| 001           | IF                                 | POMAS               | —        | —              | -5.8               | —             | —              | +3500         | —            | —               | —            |
| 002           | TF                                 | MAKBU               | —        | 249<br>(243.2) | -5.8               | 16.4          | —              | —             | —            | —               | 1.0          |
| 003           | TF                                 | TAMAN               | —        | 249<br>(243.1) | -5.8               | 5.0           | —              | 3400          | —            | —               | 1.0          |
| 004           | TF                                 | KA352               | —        | 249<br>(243.0) | -5.8               | 1.7           | —              | 2868          | —            | -3.00           | 0.13<br>0.30 |
| 005           | RF<br>Center:<br>KARF2<br>r=2.57NM | KA351               | —        | —              | -5.8               | 6.4           | R              | 826           | —            | -3.00           | 0.13<br>0.30 |
| 006           | TF                                 | RW03                | Y        | 032<br>(025.7) | -5.8               | 2.3           | —              | 81            | —            | -3.00/54        | 0.13<br>0.30 |
| 007           | TF                                 | HABUH               | —        | 032<br>(025.7) | -5.8               | 6.2           | —              | —             | —            | —               | 1.0          |
| 008           | TF                                 | TUMGI               | —        | 032<br>(026.7) | -5.8               | 14.5          | —              | 3500          | —            | —               | 1.0          |

Waypoint Coordinates

| Waypoint Identifier | Coordinates            | RF Arc Center Identifier | Coordinates            |
|---------------------|------------------------|--------------------------|------------------------|
| POMAS               | 283014.76N/1300839.09E | KARF2                    | 282207.23N/1294357.69E |
| MAKBU               | 282250.41N/1295201.79E |                          |                        |
| TAMAN               | 282034.56N/1294658.27E |                          |                        |
| KA352               | 281949.10N/1294516.83E |                          |                        |
| KA351               | 282314.74N/1294120.10E |                          |                        |
| RW03                | 282521.39N/1294229.46E |                          |                        |
| HABUH               | 283058.10N/1294534.11E |                          |                        |
| TUMGI               | 284357.05N/1295300.74E |                          |                        |

## INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNAV(RNP) Y RWY03

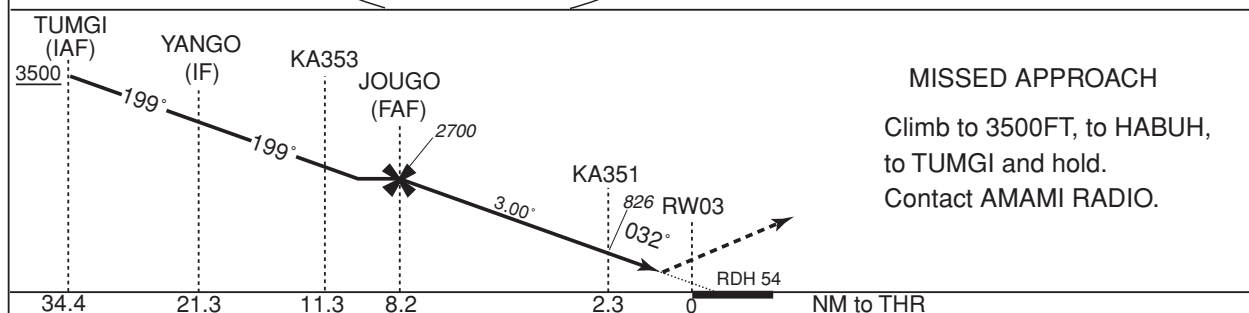
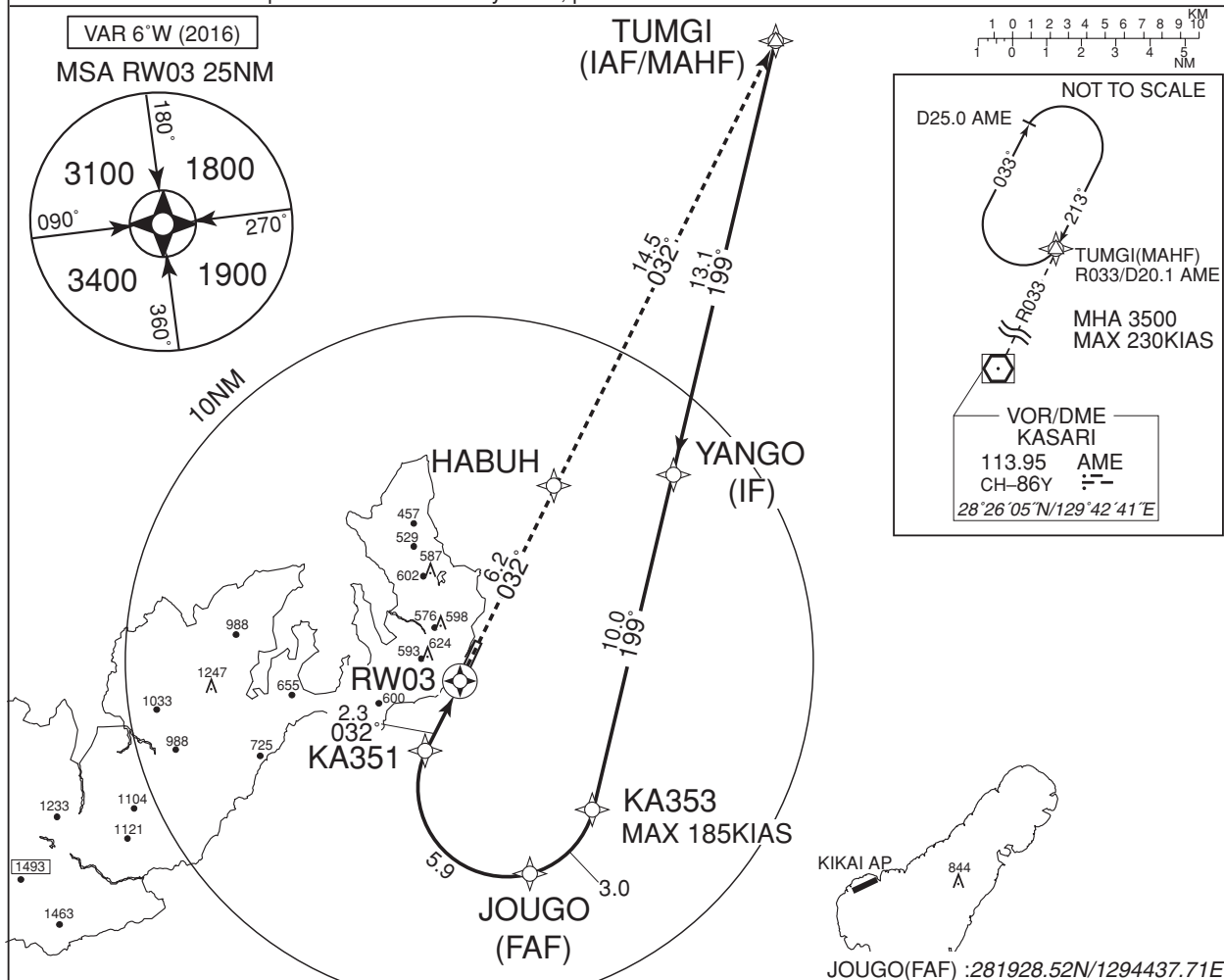
KOBE CONTROL  
132.3 – 255.2

GNSS and RF required

AMAMI RADIO  
118.15 – 126.2

NO RADAR

For uncompensated Baro-VNAV systems, procedure not authorized below 0°C / above 45°C



## MISSED APPROACH

Climb to 3500FT, to HABUH,  
to TUMGI and hold.  
Contact AMAMI RADIO.

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 27 AD elev. 14

| CAT | RNP 0.13 |         | RNP 0.30 |         |
|-----|----------|---------|----------|---------|
|     | DA(H)    | RVR/CMV | DA(H)    | RVR/CMV |
| A   | —        | —       | —        | —       |
| B   | —        | —       | —        | —       |
| C   | 327(300) | 1000    | 554(527) | 1200    |
| D   |          | 1400    |          | 1600    |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

**RNP AR**  
Special Authorization Required

CHANGE : COM

## INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNAV(RNP) Y RWY03

RNAV(RNP) Y RWY03Coding Table

| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value    |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|-----------------|--------------|
| 001           | IF                                 | TUMGI               | —        | —              | -5.8               | —             | —              | +3500         | —            | —               | —            |
| 002           | TF                                 | YANGO               | —        | 199<br>(193.3) | -5.8               | 13.1          | —              | —             | —            | —               | 1.0          |
| 003           | TF                                 | KA353               | —        | 199<br>(193.3) | -5.8               | 10.0          | —              | +2700         | -185         | —               | 1.0          |
| 004           | RF<br>Center:<br>KARF1<br>r=2.65NM | JOUGO               | —        | —              | -5.8               | 3.0           | R              | 2700          | —            | —               | 1.0          |
| 005           | RF<br>Center:<br>KARF1<br>r=2.65NM | KA351               | —        | —              | -5.8               | 5.9           | R              | 826           | —            | -3.00           | 0.13<br>0.30 |
| 006           | TF                                 | RW03                | Y        | 032<br>(025.7) | -5.8               | 2.3           | —              | 81            | —            | -3.00/54        | 0.13<br>0.30 |
| 007           | TF                                 | HABUH               | —        | 032<br>(025.7) | -5.8               | 6.2           | —              | —             | —            | —               | 1.0          |
| 008           | TF                                 | TUMGI               | —        | 032<br>(026.7) | -5.8               | 14.5          | —              | 3500          | —            | —               | 1.0          |

Waypoint Coordinates

| Waypoint Identifier | Coordinates            | RF Arc Center Identifier | Coordinates            |
|---------------------|------------------------|--------------------------|------------------------|
| TUMGI               | 284357.05N/1295300.74E | KARF1                    | 282205.14N/1294402.59E |
| YANGO               | 283113.92N/1294935.29E |                          |                        |
| KA353               | 282128.37N/1294658.25E |                          |                        |
| JOUGO               | 281928.52N/1294437.71E |                          |                        |
| KA351               | 282314.74N/1294120.10E |                          |                        |
| RW03                | 282521.39N/1294229.46E |                          |                        |
| HABUH               | 283058.10N/1294534.11E |                          |                        |

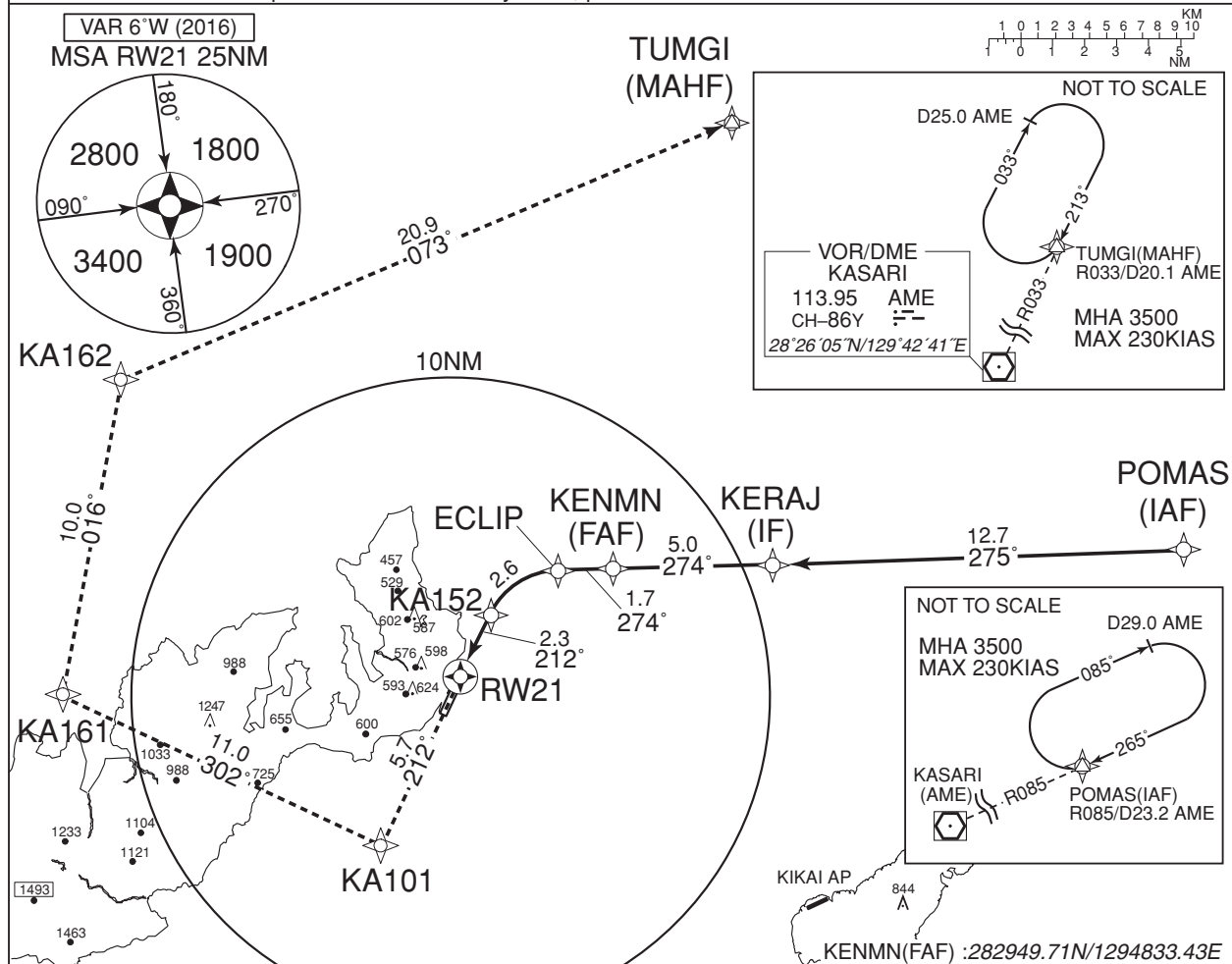
## INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNAV(RNP) Y RWY21

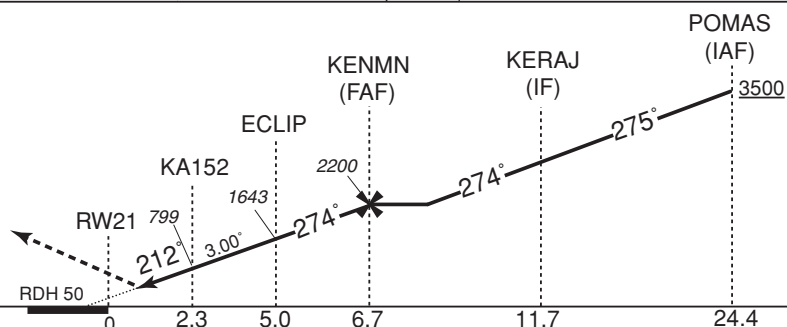
|                               |                      |                               |          |
|-------------------------------|----------------------|-------------------------------|----------|
| KOBE CONTROL<br>132.3 – 255.2 | GNSS and RF required | AMAMI RADIO<br>118.15 – 126.2 | NO RADAR |
|-------------------------------|----------------------|-------------------------------|----------|

For uncompensated Baro-VNAV systems, procedure not authorized below 0°C/ above 45°C



## MISSED APPROACH

Climb to 3500FT, to KA101,  
to KA161, to KA162, to  
TUMGI and hold.  
Contact AMAMI RADIO.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 14 AD elev. 14

| CAT | RNP 0.14 |      | RNP 0.30 |      |
|-----|----------|------|----------|------|
|     | DA(H)    | CMV  | DA(H)    | CMV  |
| A   | —        | —    | —        | —    |
| B   | —        | —    | —        | —    |
| C   | 325(311) | 1600 | 528(514) | 1800 |
| D   |          | 1800 |          | 2000 |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

# RNP AR

Special Authorization Required

CHANGE : COM

## INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNAV(RNP) Y RWY21

RNAV(RNP) Y RWY21Coding Table

| Serial Number | Path Descriptor                    | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/RDH (°/FT) | RNP Value    |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------|
| 001           | IF                                 | POMAS               | —        | —              | -5.8               | —             | —              | +3500         | —            | —              | —            |
| 002           | TF                                 | KERAJ               | —        | 275<br>(268.7) | -5.8               | 12.7          | —              | —             | —            | —              | 1.0          |
| 003           | TF                                 | KENMN               | —        | 274<br>(268.6) | -5.8               | 5.0           | —              | 2200          | —            | —              | 1.0          |
| 004           | TF                                 | ECLIP               | —        | 274<br>(268.6) | -5.8               | 1.7           | —              | 1643          | —            | -3.00          | 0.14<br>0.30 |
| 005           | RF<br>Center:<br>KARF4<br>r=2.42NM | KA152               | —        | —              | -5.8               | 2.6           | L              | 799           | —            | -3.00          | 0.14<br>0.30 |
| 006           | TF                                 | RW21                | Y        | 212<br>(205.7) | -5.8               | 2.3           | —              | 64            | —            | -3.00/50       | 0.14<br>0.30 |
| 007           | TF                                 | KA101               | —        | 212<br>(205.7) | -5.8               | 5.7           | —              | —             | —            | —              | 1.0          |
| 008           | TF                                 | KA161               | —        | 302<br>(295.9) | -5.8               | 11.0          | —              | —             | —            | —              | 1.0          |
| 009           | TF                                 | KA162               | —        | 016<br>(010.7) | -5.8               | 10.0          | —              | —             | —            | —              | 1.0          |
| 010           | TF                                 | TUMGI               | —        | 073<br>(067.1) | -5.8               | 20.9          | —              | 3500          | —            | —              | 1.0          |

Waypoint Coordinates

| Waypoint Identifier | Coordinates            | RF Arc Center Identifier | Coordinates            |
|---------------------|------------------------|--------------------------|------------------------|
| POMAS               | 283014.76N/1300839.09E | KARF4                    | 282721.23N/1294638.60E |
| KERAJ               | 282957.09N/1295413.93E |                          |                        |
| KENMN               | 282949.71N/1294833.43E |                          |                        |
| ECLIP               | 282947.08N/1294634.44E |                          |                        |
| KA152               | 282825.05N/1294410.13E |                          |                        |
| RW21                | 282619.79N/1294301.46E |                          |                        |
| KA101               | 282112.20N/1294013.10E |                          |                        |
| KA161               | 282600.04N/1292858.96E |                          |                        |
| KA162               | 283551.31N/1293105.90E |                          |                        |
| TUMGI               | 284357.05N/1295300.74E |                          |                        |



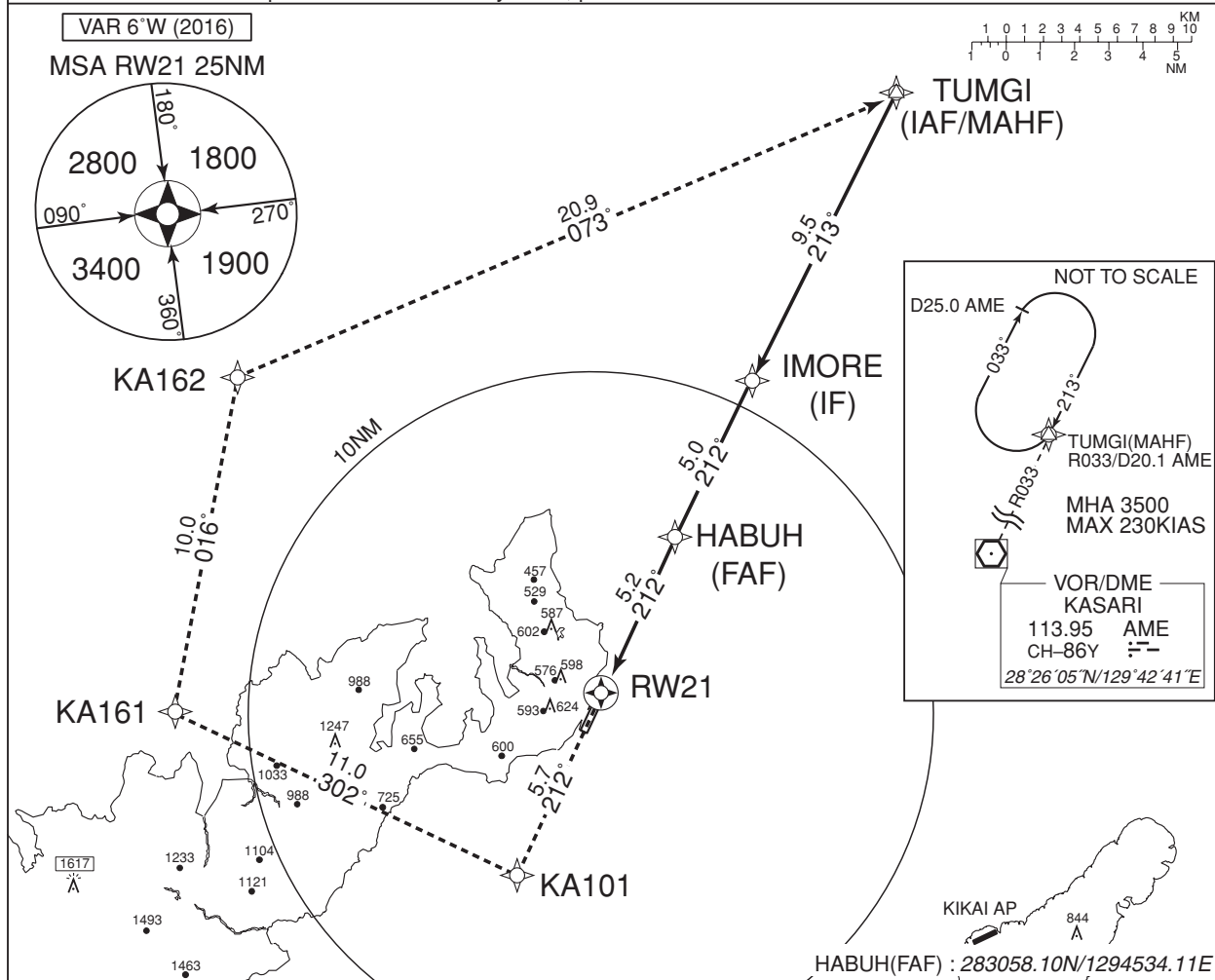
## INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNAV(RNP) X RWY21

|                               |               |                               |          |
|-------------------------------|---------------|-------------------------------|----------|
| KOBE CONTROL<br>132.3 – 255.2 | GNSS required | AMAMI RADIO<br>118.15 – 126.2 | NO RADAR |
|-------------------------------|---------------|-------------------------------|----------|

For uncompensated Baro-VNAV systems, procedure not authorized below 0°C/ above 45°C



## MISSED APPROACH

Climb to 3500FT, to KA101,  
to KA161, to KA162, to  
TUMGI and hold.  
Contact AMAMI RADIO.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 14 AD elev. 14

| CAT | RNP 0.14 |      | RNP 0.30 |      |
|-----|----------|------|----------|------|
|     | DA(H)    | CMV  | DA(H)    | CMV  |
| A   | —        | —    | —        | —    |
| B   | —        | —    | —        | —    |
| C   | 325(311) | 1600 | 528(514) | 1800 |
| D   |          | 1800 |          | 2000 |

**RNP AR**  
Special Authorization Required

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : COM

**INSTRUMENT APPROACH CHART**

RJKA / AMAMI

RNAV(RNP) X RWY21

RNAV(RNP) X RWY21
Coding Table

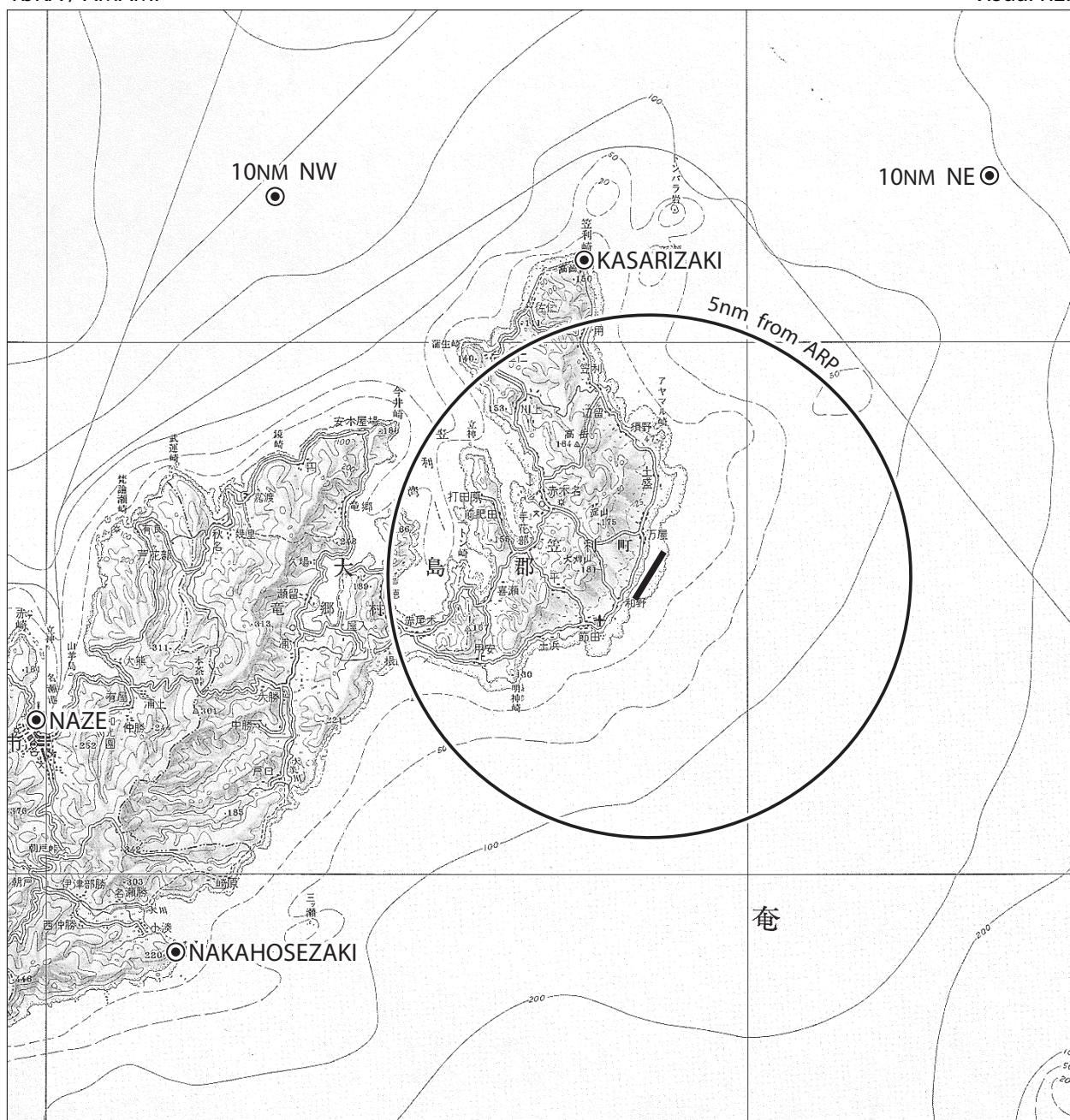
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/RDH (°/FT) | RNP Value    |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------|
| 001           | IF              | TUMGI               | —        | —              | -5.8               | —             | —              | +3500         | —            | —              | —            |
| 002           | TF              | IMORE               | —        | 213<br>(207.2) | -5.8               | 9.5           | —              | —             | —            | —              | 1.0          |
| 003           | TF              | HABUH               | —        | 212<br>(205.8) | -5.8               | 5.0           | —              | 1700          | —            | —              | 1.0          |
| 004           | TF              | RW21                | Y        | 212<br>(205.7) | -5.8               | 5.2           | —              | 64            | —            | -3.00/50       | 0.14<br>0.30 |
| 005           | TF              | KA101               | —        | 212<br>(205.7) | -5.8               | 5.7           | —              | —             | —            | —              | 1.0          |
| 006           | TF              | KA161               | —        | 302<br>(295.9) | -5.8               | 11.0          | —              | —             | —            | —              | 1.0          |
| 007           | TF              | KA162               | —        | 016<br>(010.7) | -5.8               | 10.0          | —              | —             | —            | —              | 1.0          |
| 008           | TF              | TUMGI               | —        | 073<br>(067.1) | -5.8               | 20.9          | —              | 3500          | —            | —              | 1.0          |

Waypoint Coordinates

| Waypoint Identifier | Coordinates            |
|---------------------|------------------------|
| TUMGI               | 284357.05N/1295300.74E |
| IMORE               | 283528.82N/1294802.84E |
| HABUH               | 283058.10N/1294534.11E |
| RW21                | 282619.79N/1294301.46E |
| KA101               | 282112.20N/1294013.10E |
| KA161               | 282600.04N/1292858.96E |
| KA162               | 283551.31N/1293105.90E |

RJKA / AMAMI

Visual REP



| Call sign               | BRG / DIST from ARP | Remarks            |
|-------------------------|---------------------|--------------------|
| 10NM NE                 | 045°/10.0NM         | 海上<br>Over the sea |
| 10NM NW                 | 315°/10.0NM         | 海上<br>Over the sea |
| 笠 利 崎<br>Kasarizaki     | 354°/ 6.2NM         | 灯台<br>Lighthouse   |
| 仲 干 瀬 崎<br>Nakahosezaki | 235°/11.3NM         | 岬<br>Cape          |
| 名 瀬<br>Naze             | 262°/11.9NM         | 港<br>Harbor        |

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Minimum Vectoring Altitude CHART



CENTER : 282551N/1294245E (ARP)