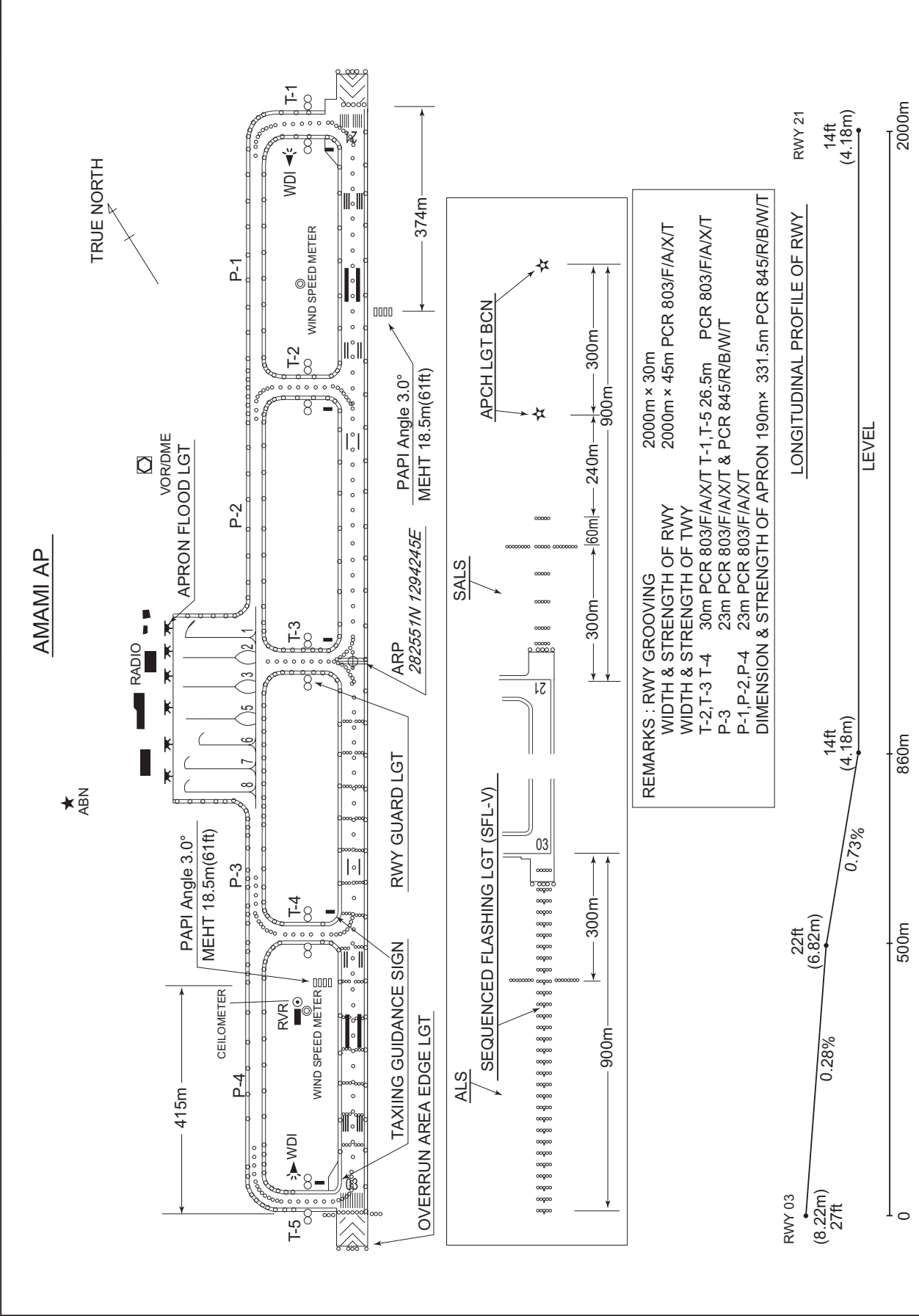


RJKA / AMAMI

AD CHART

CHANGE : WIND SPEED METER, CEILOMETER added.



RJKA / AMAMI

RNAV SID

RNP1

VAR 6°W



Note RWY03 : 3.5% climb gradient required up to 500FT.
OBST ALT 197FT located at 1.1NM 015° FM end of RWY03.
RWY21 : 5.0% climb gradient required up to 500FT.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

RNAV SID

RURIK THREE DEPARTURE

RWY03

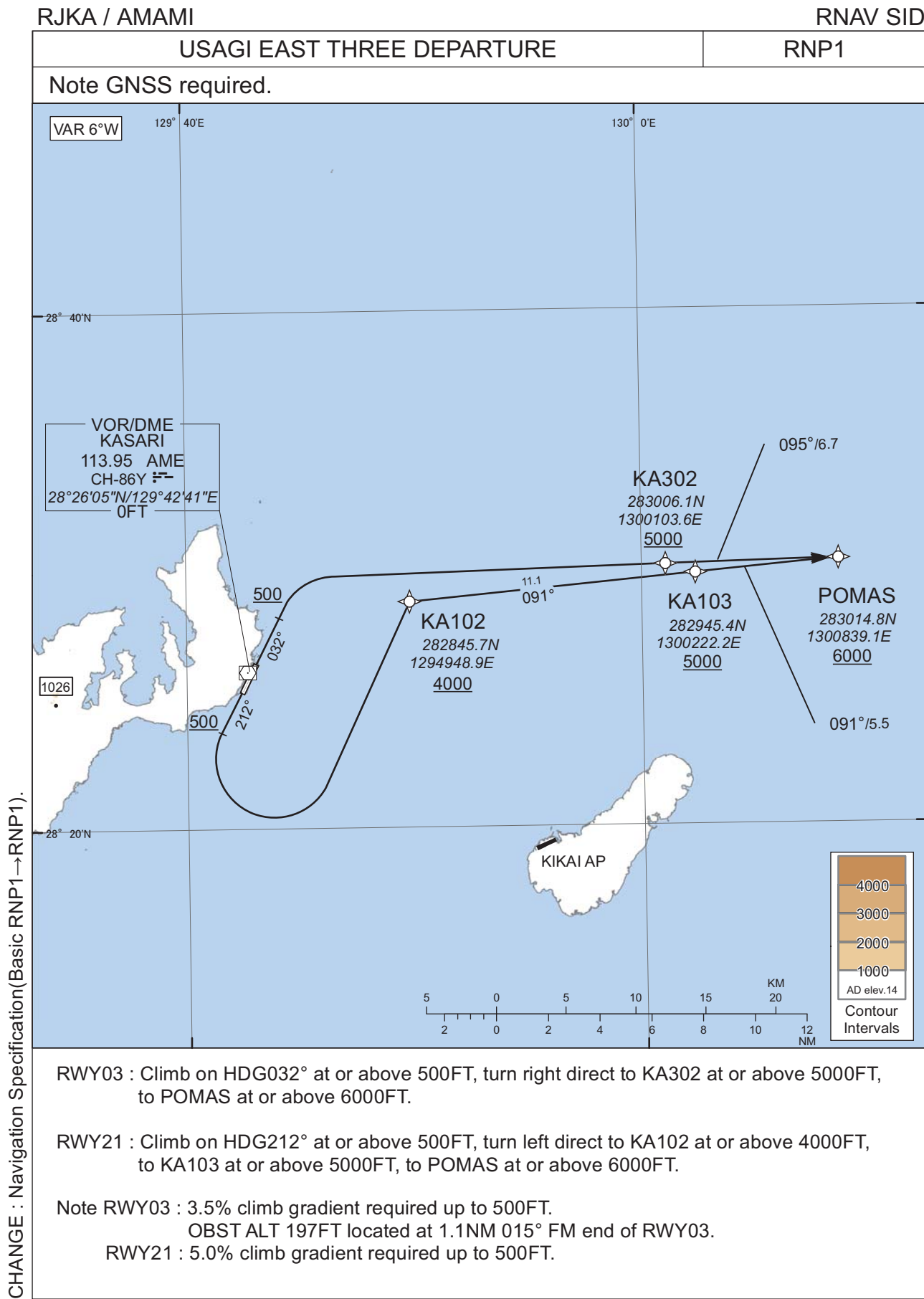
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | - | - | 032 (025.8) | -6.4 | - | - | +500 | - | - | RNP1 |
| 002 | DF | RURIK | - | - | -6.4 | - | - | +7000 | - | - | 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 | - | - | 212 (205.8) | -6.4 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KA102 | - | - | -6.4 | - | L | +4000 | - | - | RNP1 |
| 003 | TF | RURIK | - | 029 (022.2) | -6.4 | 53.2 | - | +7000 | - | - | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

RNAV SID

USAGI EAST THREE DEPARTURE

RWY03

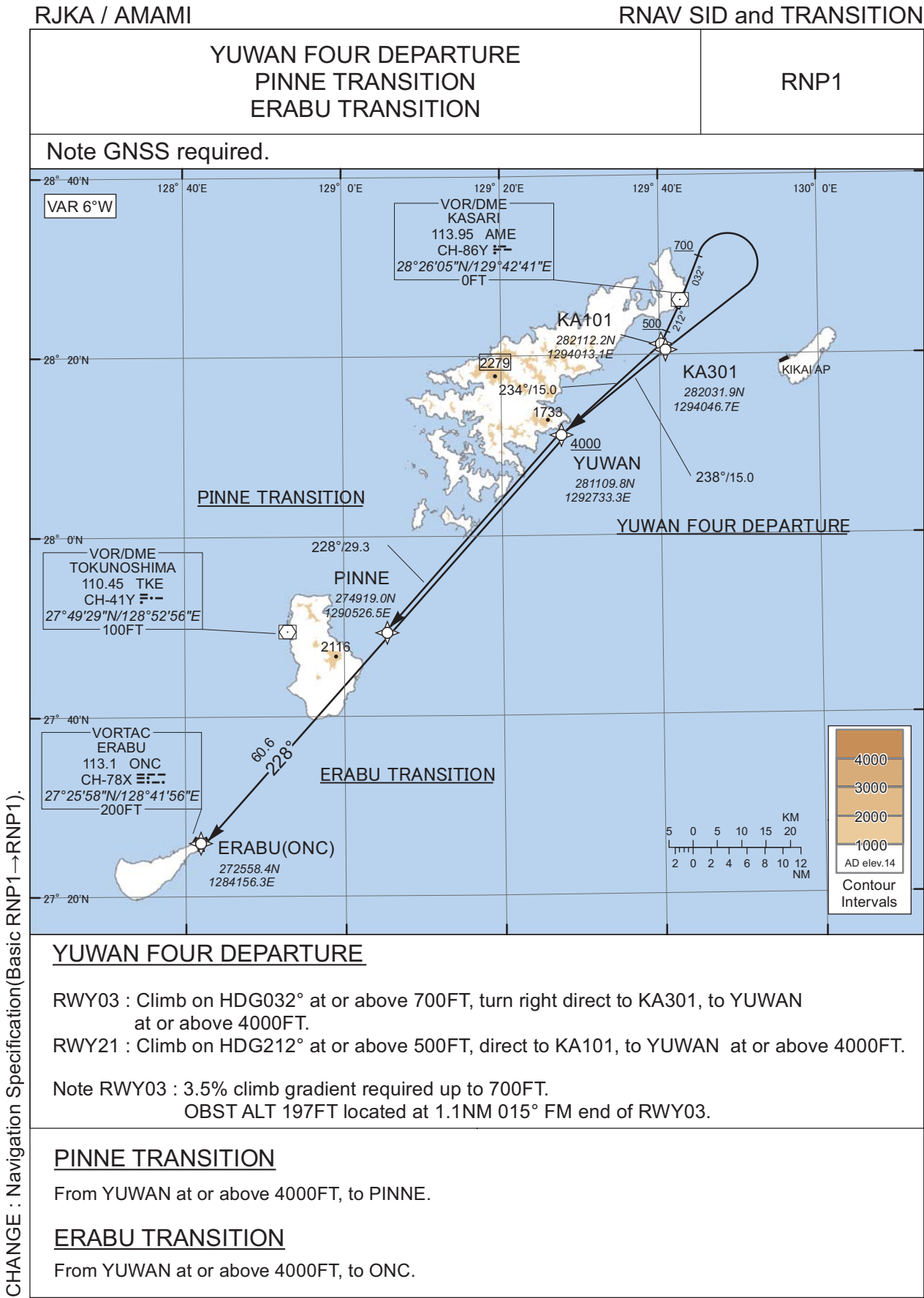
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | - | - | 032 (025.8) | -6.4 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KA302 | - | - | -6.4 | - | R | +5000 | - | - | RNP1 |
| 003 | TF | POMAS | - | 095 (088.7) | -6.4 | 6.7 | - | +6000 | - | - | 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 | - | - | 212 (205.8) | -6.4 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KA102 | - | - | -6.4 | - | L | +4000 | - | - | RNP1 |
| 003 | TF | KA103 | - | 091 (084.8) | -6.4 | 11.1 | - | +5000 | - | - | RNP1 |
| 004 | TF | POMAS | - | 091 (084.9) | -6.4 | 5.5 | - | +6000 | - | - | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

RNAV SID and TRANSITION

YUWAN FOUR 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 | - | - | 032 (025.8) | -6.4 | - | - | +700 | - | - | RNP1 |
| 002 | DF | KA301 | - | - | -6.4 | - | R | - | - | - | RNP1 |
| 003 | TF | YUWAN | - | 238 (231.2) | -6.4 | 15.0 | - | +4000 | - | - | 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 | - | - | 212 (205.8) | -6.4 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KA101 | - | - | -6.4 | - | - | - | - | - | RNP1 |
| 003 | TF | YUWAN | - | 234 (228.1) | -6.4 | 15.0 | - | +4000 | - | - | RNP1 |

PINNE TRANSITION

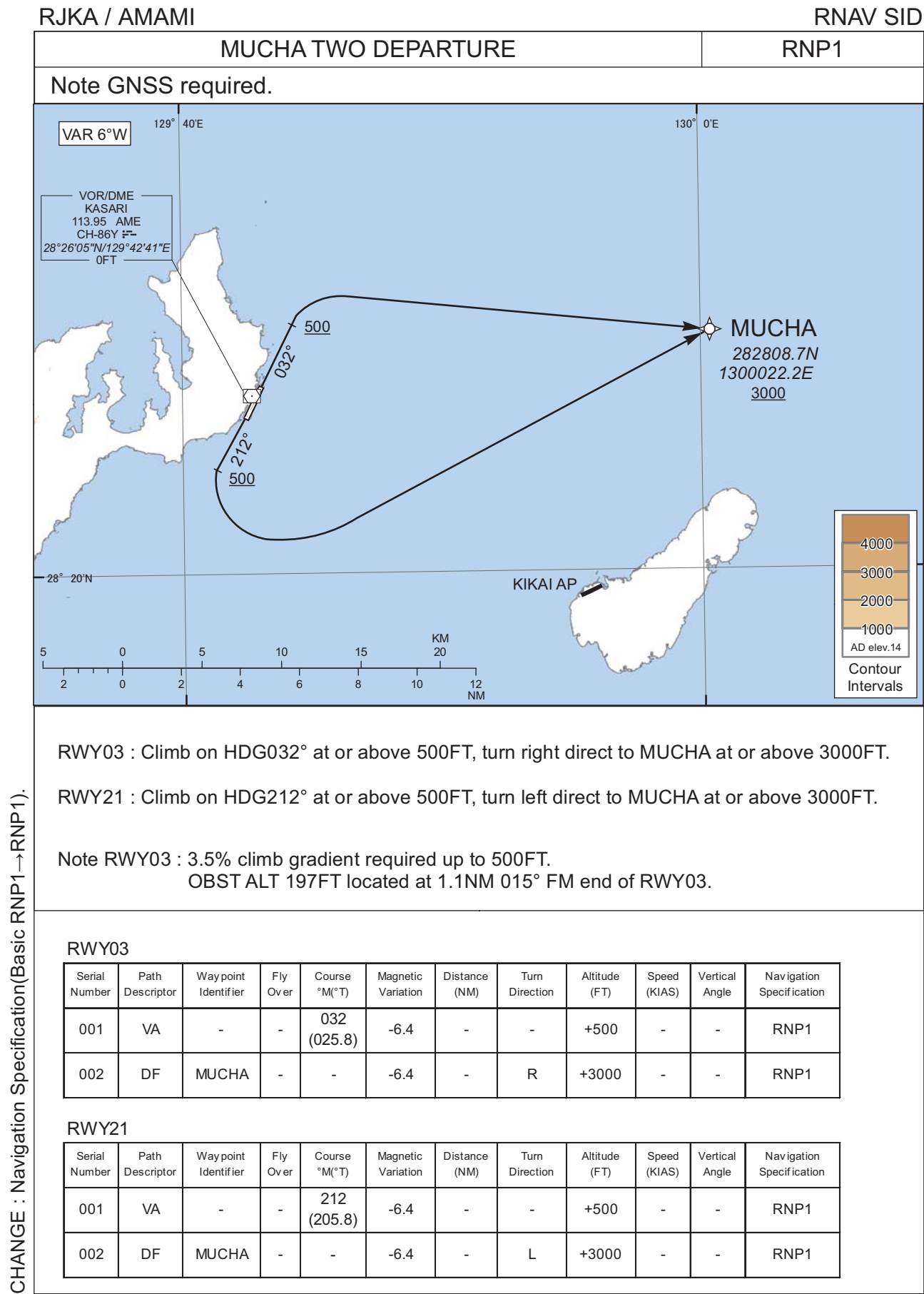
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | YUWAN | - | - | -6.4 | - | - | +4000 | - | - | RNP1 |
| 002 | TF | PINNE | - | 228 (221.9) | -6.4 | 29.3 | - | - | - | - | RNP1 |

ERABU TRANSITION

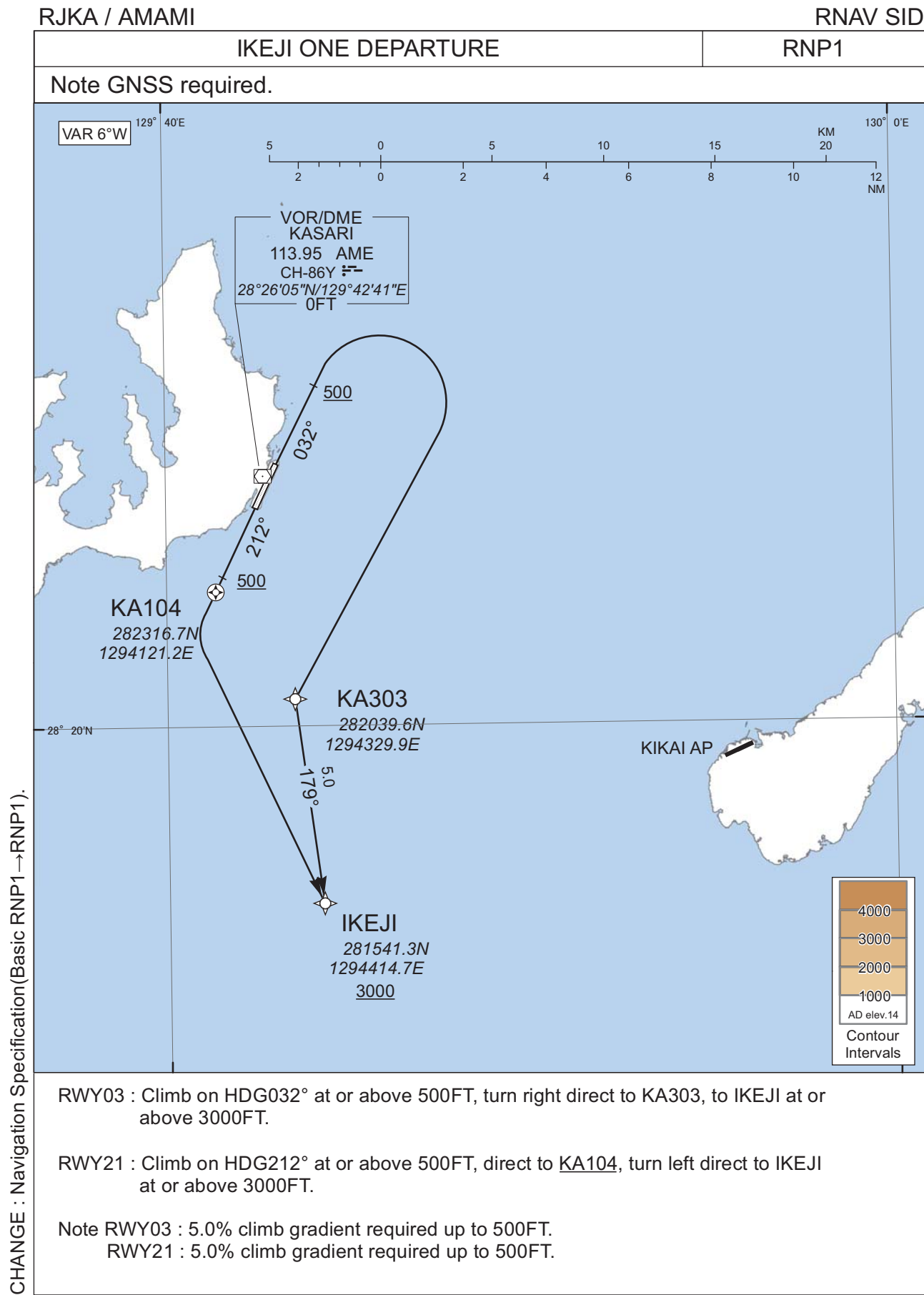
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | YUWAN | - | - | -6.4 | - | - | +4000 | - | - | RNP1 |
| 002 | TF | ONC | - | 228 (221.9) | -6.4 | 60.6 | - | - | - | - | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

RNAV SID

IKEJI 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 | - | - | 032 (025.8) | -6.4 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KA303 | - | - | -6.4 | - | R | - | - | - | RNP1 |
| 003 | TF | IKEJI | - | 179 (172.5) | -6.4 | 5.0 | - | +3000 | - | - | 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 | - | - | 212 (205.8) | -6.4 | - | - | +500 | - | - | RNP1 |
| 002 | DF | KA104 | Y | - | -6.4 | - | - | - | - | - | RNP1 |
| 003 | DF | IKEJI | - | - | -6.4 | - | L | +3000 | - | - | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

SID

PINNE SIX 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.

NOTE RWY03 : 3.5% climb gradient required up to 700FT.

OBST ALT 197FT located at 1.1NM 015° FM end of RWY03.



STANDARD DEPARTURE CHART -INSTRUMENT

RJKA / AMAMI

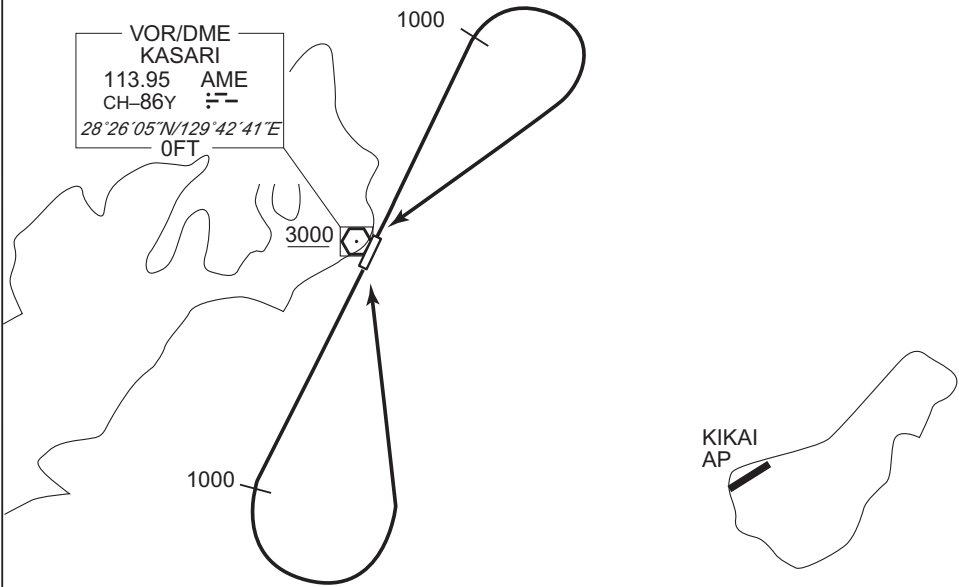
SID

CHANGE : PROC renamed(KASARI REVERSAL THREE DEPARTURE). Note added. POMAS FOUR DEPARTURE abolished.

KASARI REVERSAL THREE DEPARTURE

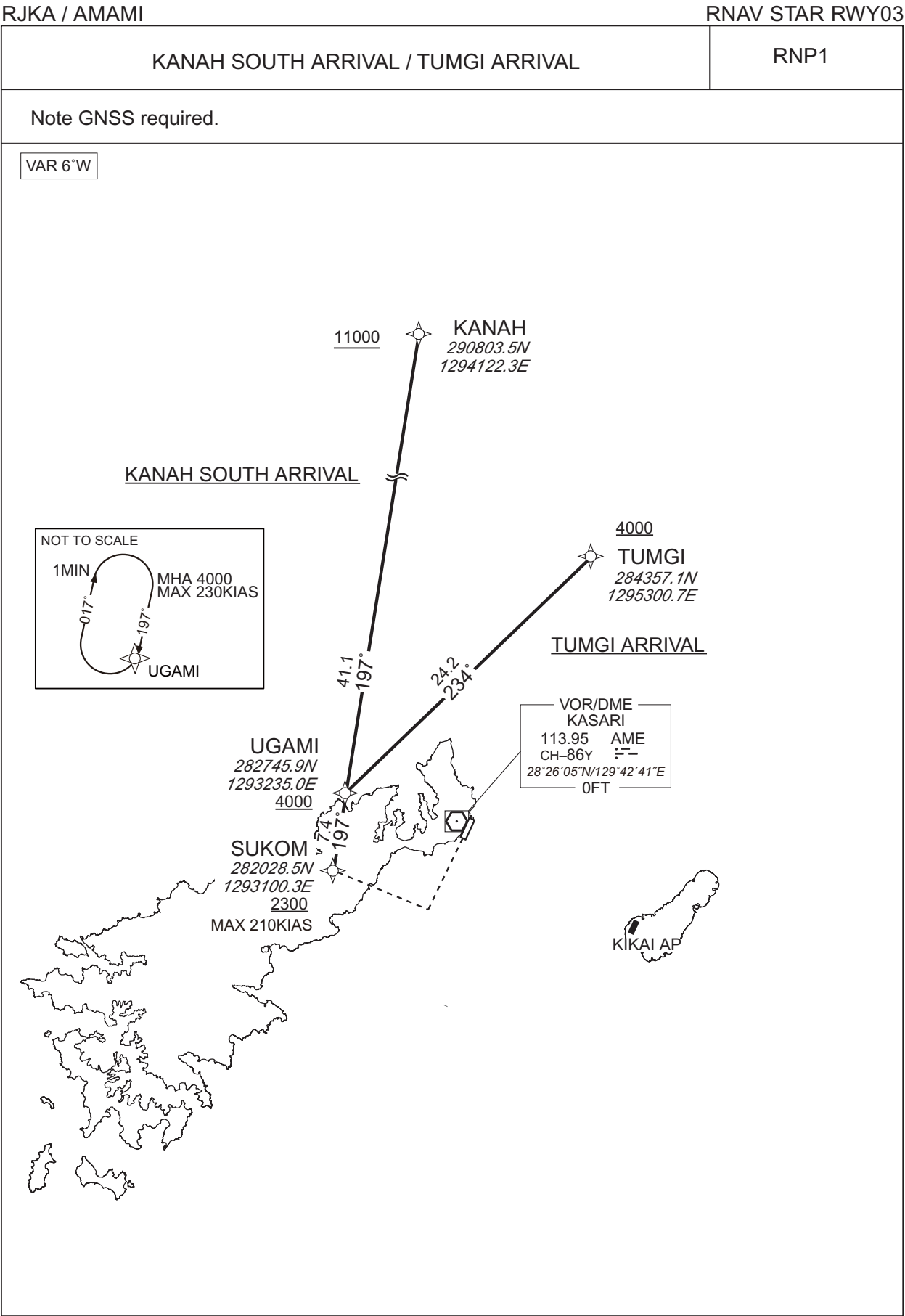
- RWY03 : Climb RWY HDG to 1000FT,turn right,...
- RWY21 : Climb RWY HDG to 1000FT,turn left,...
- ...direct to AME VOR/DME. Cross AME VOR/DME at or above 3000FT.

NOTE RWY03 : 3.5% climb gradient required up to 1000FT.
OBST ALT 197FT located at 1.1NM 015° FM end of RWY03.



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STANDARD ARRIVAL CHART-INSTRUMENT



STANDARD ARRIVAL CHART-INSTRUMENT

RJKA / AMAMI

RNAV STAR RWY03

KANAH SOUTH ARRIVAL

From KANAH at or above 11000FT, to UGAMI at or above 4000FT, to SUKOM at or above 2300FT.

| 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 | - | - | -6.3 | - | - | +11000 | - | - | RNP1 |
| 002 | TF | UGAMI | - | 197 (190.9) | -6.3 | 41.1 | - | +4000 | - | - | RNP1 |
| 003 | TF | SUKOM | - | 197 (190.8) | -6.3 | 7.4 | - | +2300 | -210 | - | RNP1 |

TUMGI ARRIVAL

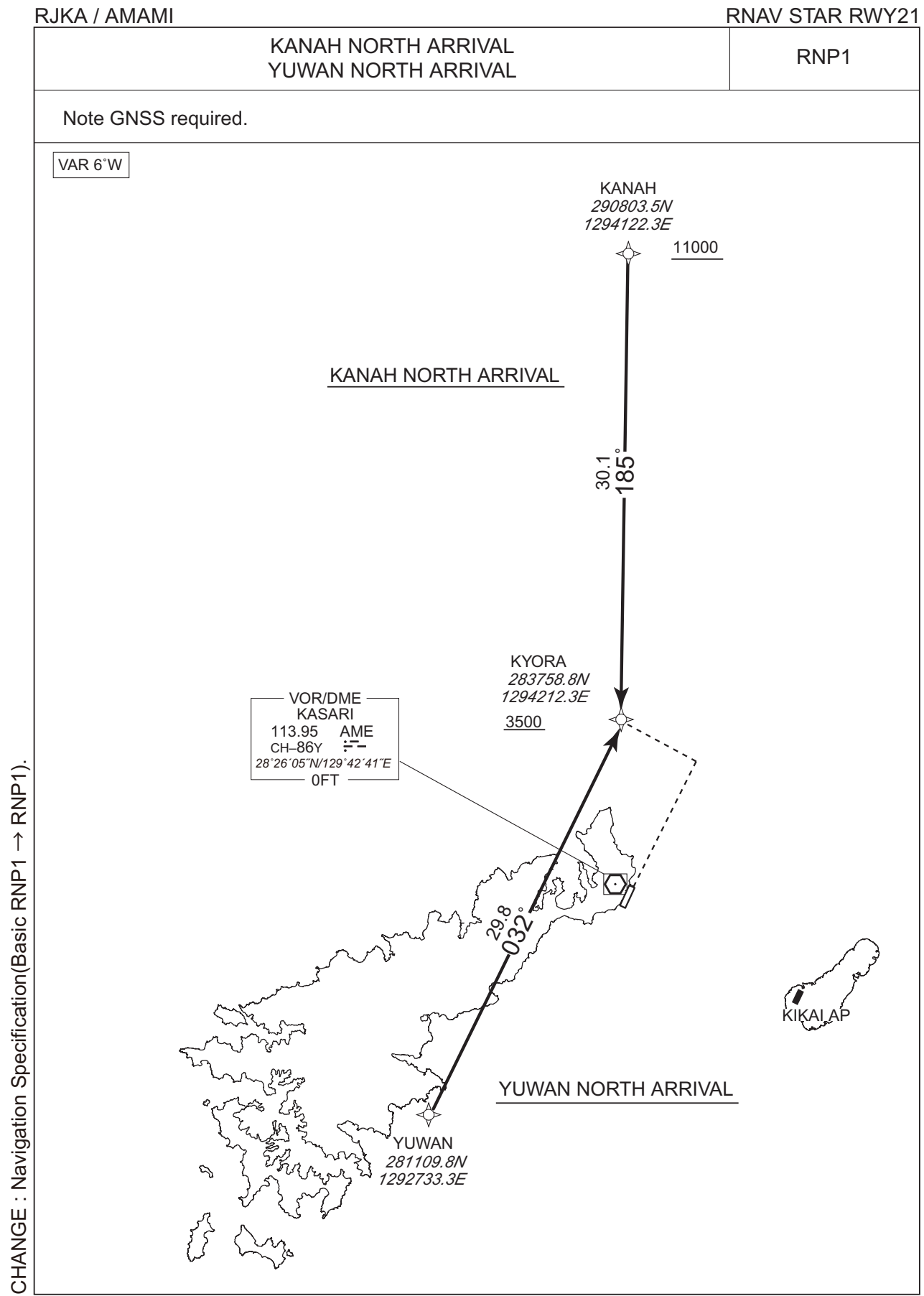
From TUMGI at or above 4000FT, to UGAMI at or above 4000FT, to SUKOM at or above 2300FT.

| 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 | - | - | -6.3 | - | - | +4000 | - | - | RNP1 |
| 002 | TF | UGAMI | - | 234 (228.0) | -6.3 | 24.2 | - | +4000 | - | - | RNP1 |
| 003 | TF | SUKOM | - | 197 (190.8) | -6.3 | 7.4 | - | +2300 | -210 | - | RNP1 |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | Navigation Specification |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|------------------|--------------------------|
| Hold | UGAMI | 197 (190.8) | -6.3 | 1.0 (-14000) | R | 4000 | FL140 | -230 (-14000) | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART-INSTRUMENT



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 | - | - | -6.2 | - | - | +11000 | - | - | RNP1 |
| 002 | TF | KYORA | - | 185 (178.6) | -6.2 | 30.1 | - | +3500 | - | - | RNP1 |

YUWAN NORTH ARRIVAL
From YUWAN, to KYORA at or above 3500FT.

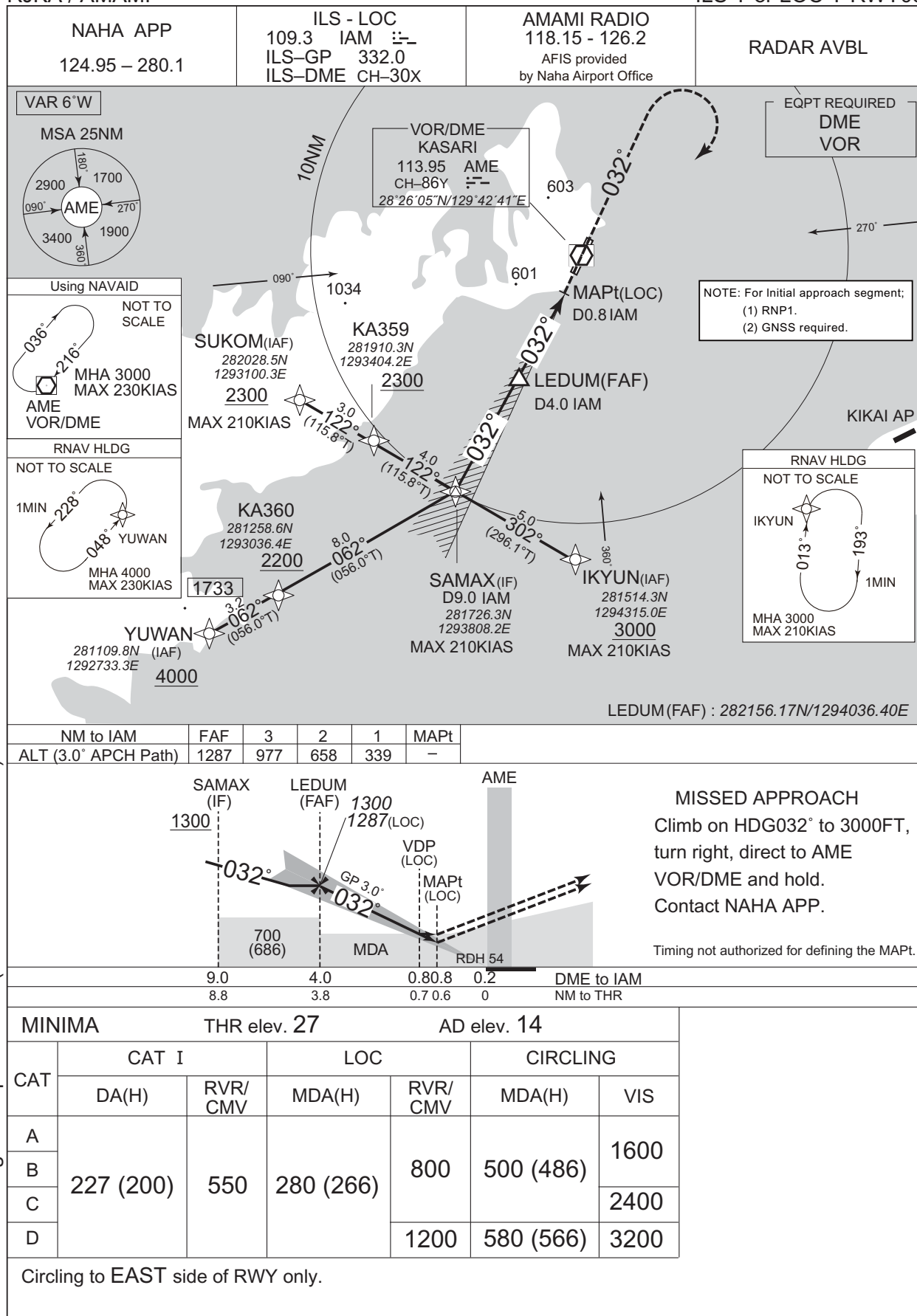
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | IF | YUWAN | - | - | -6.2 | - | - | - | - | - | RNP1 |
| 002 | TF | KYORA | - | 032 (025.6) | -6.2 | 29.8 | - | +3500 | - | - | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

INSTRUMENT APPROACH CHART

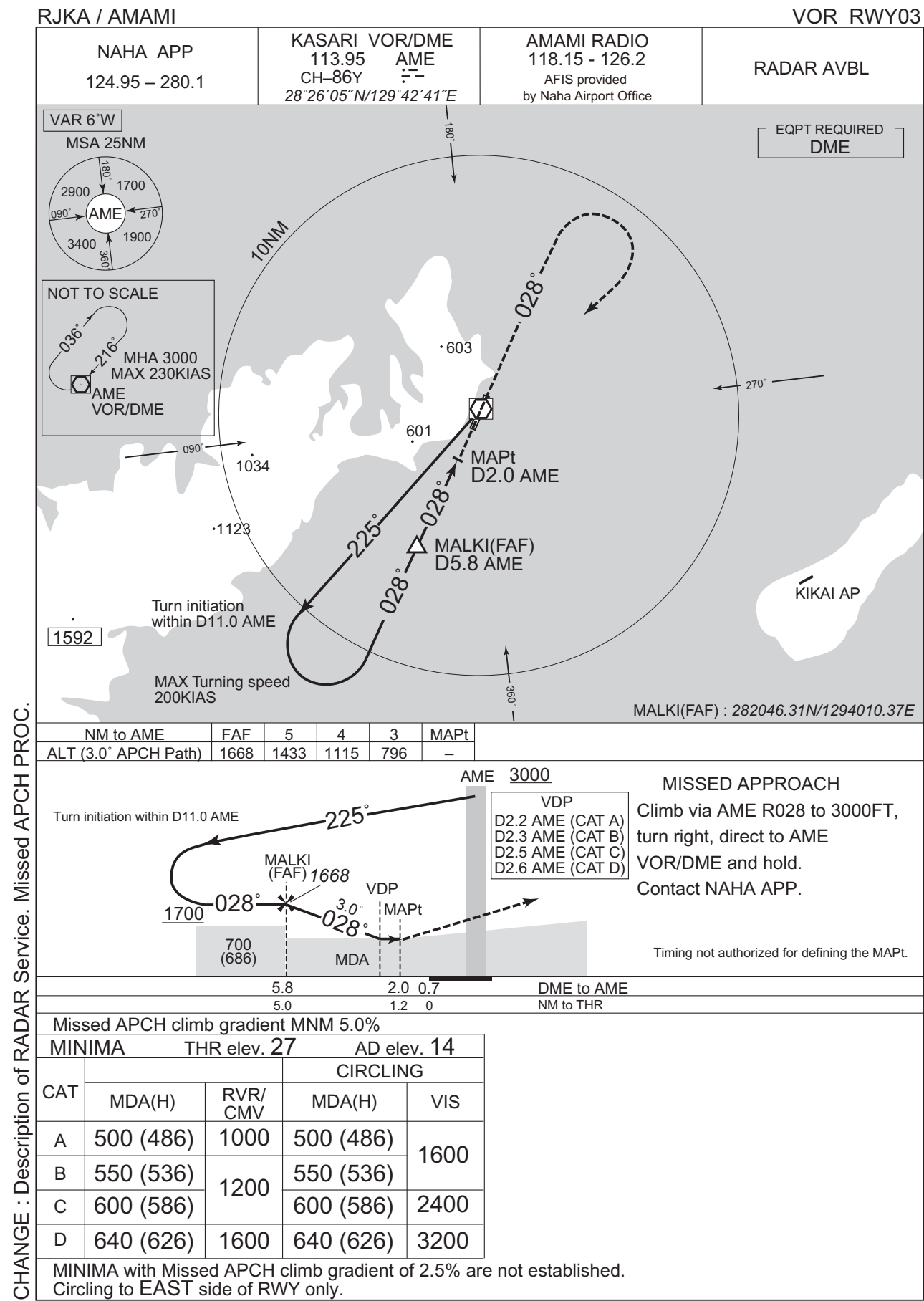
RJKA / AMAMI

ILS Y or LOC Y RWY03



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

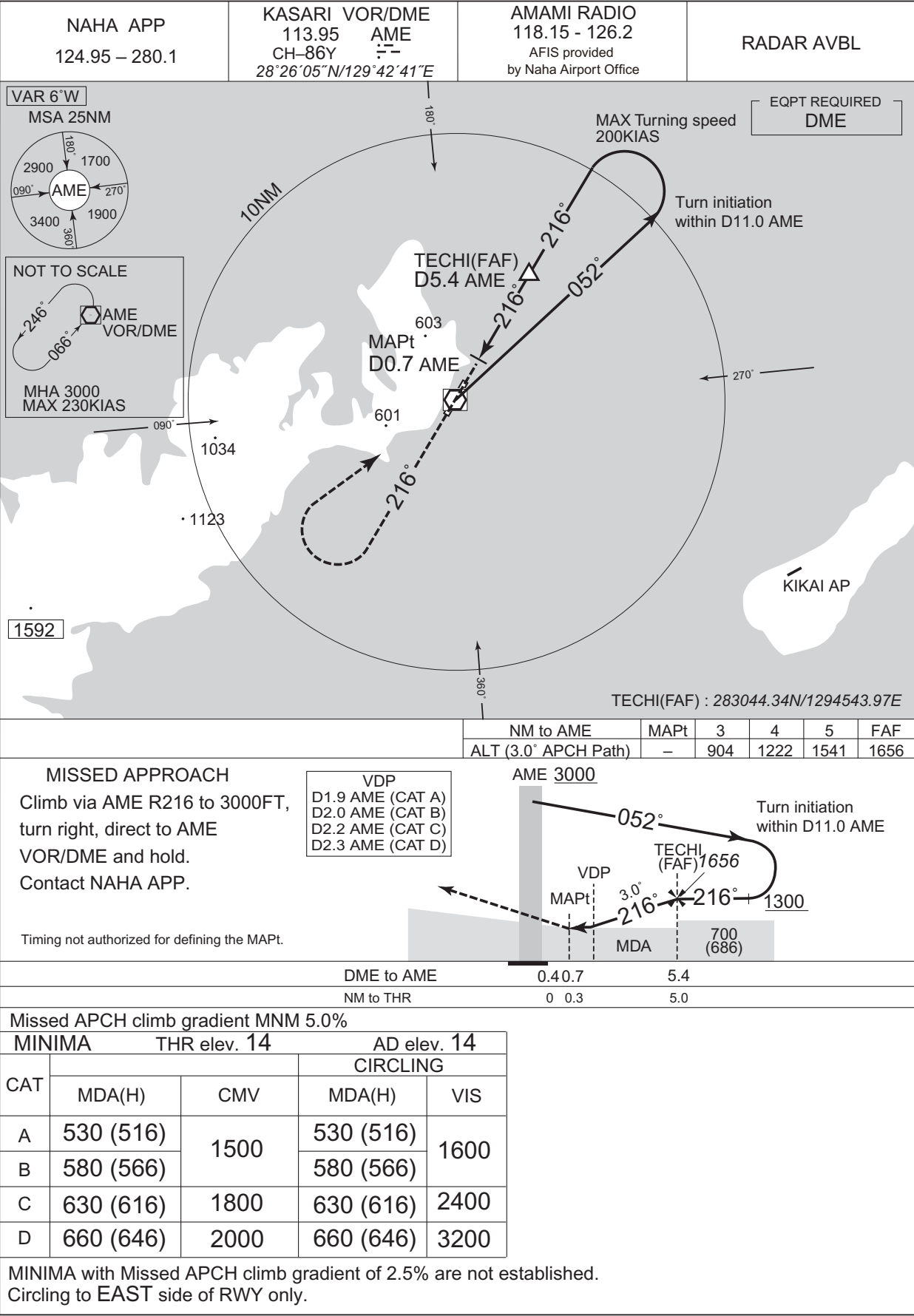
INSTRUMENT APPROACH CHART



CHANGE : Description of RADAR Service. Missed APCH PROC.

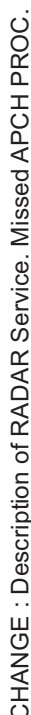
INSTRUMENT APPROACH CHART

RJKA / AMAMI VOR RWY21



RJKA / AMAMI

RNP Z RWY03



Direct to OLTIB, turn right,
direct to AME and hold at
3000FT.
Contact NAHA APP.

| Missed APCH climb gradient MNM 5.0% | | | | | | | | |
|-------------------------------------|----------|--------------|-----------|-------------|----------|---------|----------|------|
| MINIMA | | THR elev. 27 | | AD elev. 14 | | | | |
| CAT | LPV | | LNAV/VNAV | | LNAV | | CIRCLING | |
| | DA(H) | RVR/CMV | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 277(250) | 800 | 600(573) | 1000 | 600(586) | 1000 | 600(586) | 1600 |
| B | | | | 1200 | | 1200 | | |
| C | 282(255) | | 640(613) | | 640(626) | | 640(626) | 2400 |
| D | 292(265) | 1200 | 670(643) | 1600 | 670(656) | 1800 | 670(656) | 3200 |

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

INSTRUMENT APPROACH CHART

RJKA / AMAMI

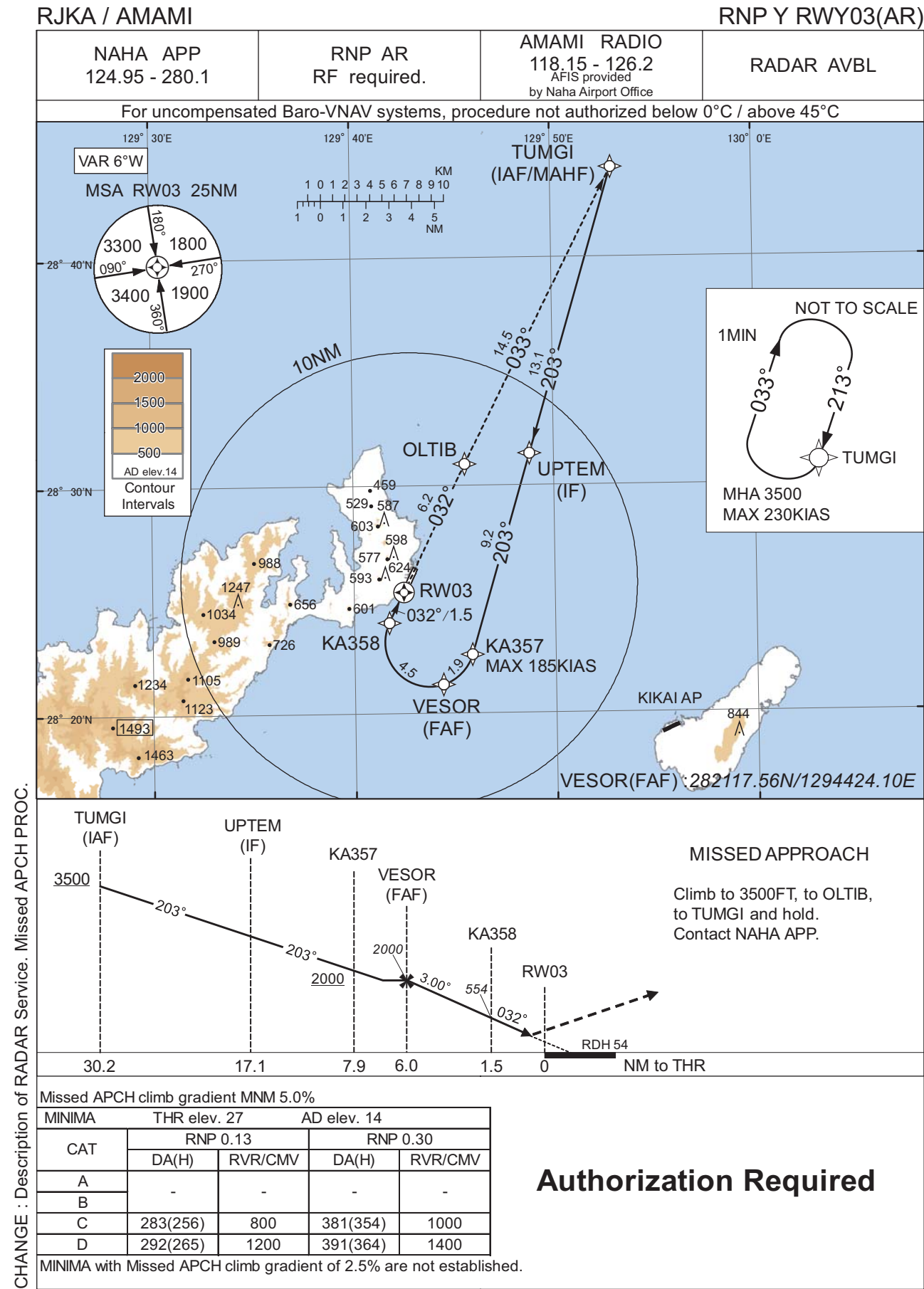
RNP Z RWY03

| FAS DATA BLOCK | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00373 |
| SBAS service provider identifier | 2 | FPAP latitude | 282619.5815N |
| Airport identifier | RJKA | FPAP longitude | 1294301.2745E |
| Runway | 03 | Threshold crossing height | 00016.5 |
| Approach performance designator | 0 | TCH units selector | 1 |
| Route indicator | Z | 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 | 282521.1620N | HAL | 40.0 |
| LTP/FTP longitude | 1294229.1275E | VAL | 50.0 |
| CRC remainder | 2C1731A7 | | |

| Required additional data | |
|----------------------------|-----|
| LTP/FTP orthometric height | 8.5 |

CHANGE : New PROC.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNP Y RWY03(AR)

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 | - | - | -6.4 | - | - | +3500 | - | - | - |
| 002 | TF | UPTM | - | 203 (196.4) | -6.4 | 13.1 | - | - | - | - | 0.3 |
| 003 | TF | KA357 | - | 203 (196.4) | -6.4 | 9.2 | - | +2000 | -185 | - | 0.3 |
| 004 | RF Center: KARF2 r=1.95NM | VESOR | - | - | -6.4 | 1.9 | R | 2000 | - | - | 0.3 |
| 005 | RF Center: KARF2 r=1.95NM | KA358 | - | - | -6.4 | 4.5 | R | 554 | - | -3.00 | 0.13 0.30 |
| 006 | TF | RW03 | Y | 032 (025.8) | -6.4 | 1.5 | - | 81 | - | -3.00/54 | 0.13 0.30 |
| 007 | TF | OLTIB | - | 032 (025.8) | -6.4 | 6.2 | - | - | - | - | 1.0 |
| 008 | TF | TUMGI | - | 033 (026.7) | -6.4 | 14.5 | - | 3500 | - | - | 1.0 |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | TUMGI | 213 (207.0) | -6.3 | 1.0 (-14000) | R | 3500 | FL140 | -230 (-14000) | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| TUMGI | 284357.05N / 1295300.74E | KARF2 | 282309.49N / 1294344.25E |
| UPTM | 283124.97N / 1294848.31E | | |
| KA357 | 282236.27N / 1294551.51E | | |
| VESOR | 282117.56N / 1294424.10E | | |
| KA358 | 282400.82N / 1294144.91E | | |
| RW03 | 282521.18N / 1294229.11E | | |
| OLTIB | 283057.74N / 1294534.44E | | |

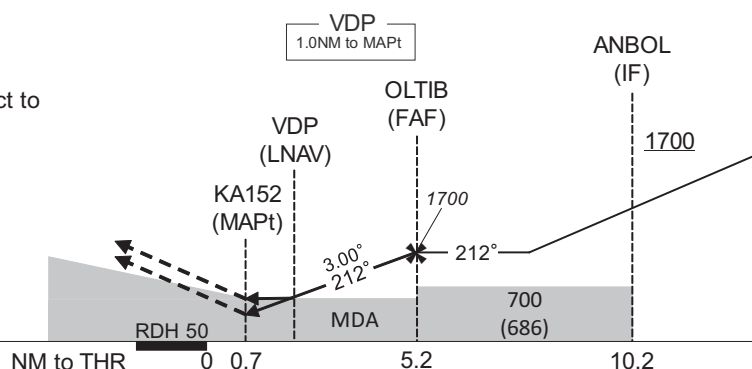
CHANGE : PROC renamed. PROC course. UPTM, KA358, OLTIB established. YANGO, KA353, JOUGO, KA351, HABUH abolished.
RNP Value FM UPTM to VESOR. RF Arc Center Identifier (KARF2 added, KARF1 deleted). Waypoint Coordinates (RW03). VAR.

RJKA / AMAMI

RNP Z RWY21



Direct to KA153, turn right, direct to
KYORA and hold at 3500FT.
Contact NAHA APP.



Missed APCH climb gradient MNM 5.0%

| MINIMA | | | | | | | | |
|--------------|----------|------|-------------|------|----------|------|----------|------|
| THR elev. 14 | | | AD elev. 14 | | | | | |
| CAT | LPV | | LNAV/VNAV | | LNAV | | CIRCLING | |
| | DA(H) | CMV | DA(H) | CMV | MDA(H) | CMV | MDA(H) | VIS |
| A | 267(253) | 1200 | 600(586) | 1500 | 600(586) | 1500 | 600(586) | 1600 |
| B | 277(263) | 1300 | | 1800 | | 1800 | | 2400 |
| C | 287(273) | 1400 | | 2000 | | 2000 | | 3200 |
| D | 297(283) | 1600 | | | | | | |

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

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNP Z RWY21

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00333 |
| SBAS service provider identifier | 2 | FPAP latitude | 282521.1620N |
| Airport identifier | RJKA | FPAP longitude | 1294229.1275E |
| Runway | 21 | Threshold crossing height | 00015.0 |
| Approach performance designator | 0 | TCH units selector | 1 |
| Route indicator | Z | 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 | 282619.5815N | HAL | 40.0 |
| LTP/FTP longitude | 1294301.2745E | VAL | 50.0 |
| CRC remainder | A4D8FDB0 | | |

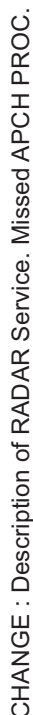
Required additional data

| | |
|----------------------------|-----|
| LTP/FTP orthometric height | 4.5 |
|----------------------------|-----|

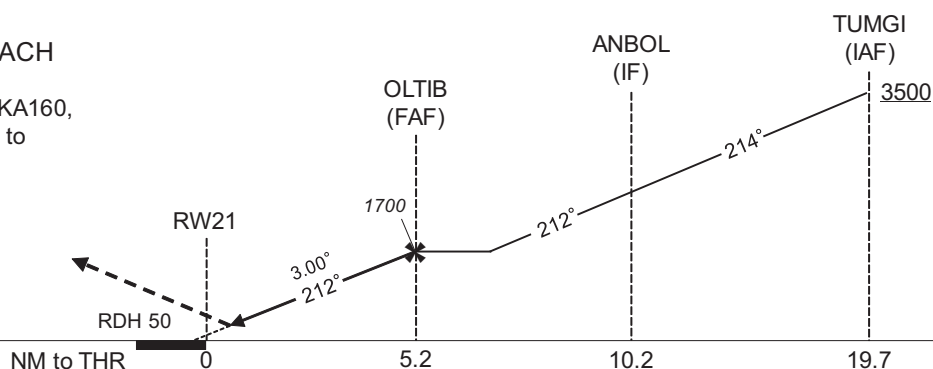
CHANGE : FAS DATA BLOCK and Required additional data established.

RJKA / AMAMI

RNP Y RWY21(AR)



Climb to 3500FT, to KA160,
to KA161, to KA162, to
TUMGI and hold.
Contact NAHA APP.



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 | 287(273) | 1400 | 365(351) | 1600 | |
| D | 297(283) | 1600 | 387(373) | 1800 | |

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

Authorization Required

INSTRUMENT APPROACH CHART

RJKA / AMAMI

RNP Y RWY21(AR)

CHANGE : PROC course. ANBOL, OLTIB, KA160 established. IMORE, HABUH, KA101 abolished. Waypoint Coordinates (RW21). VAR.

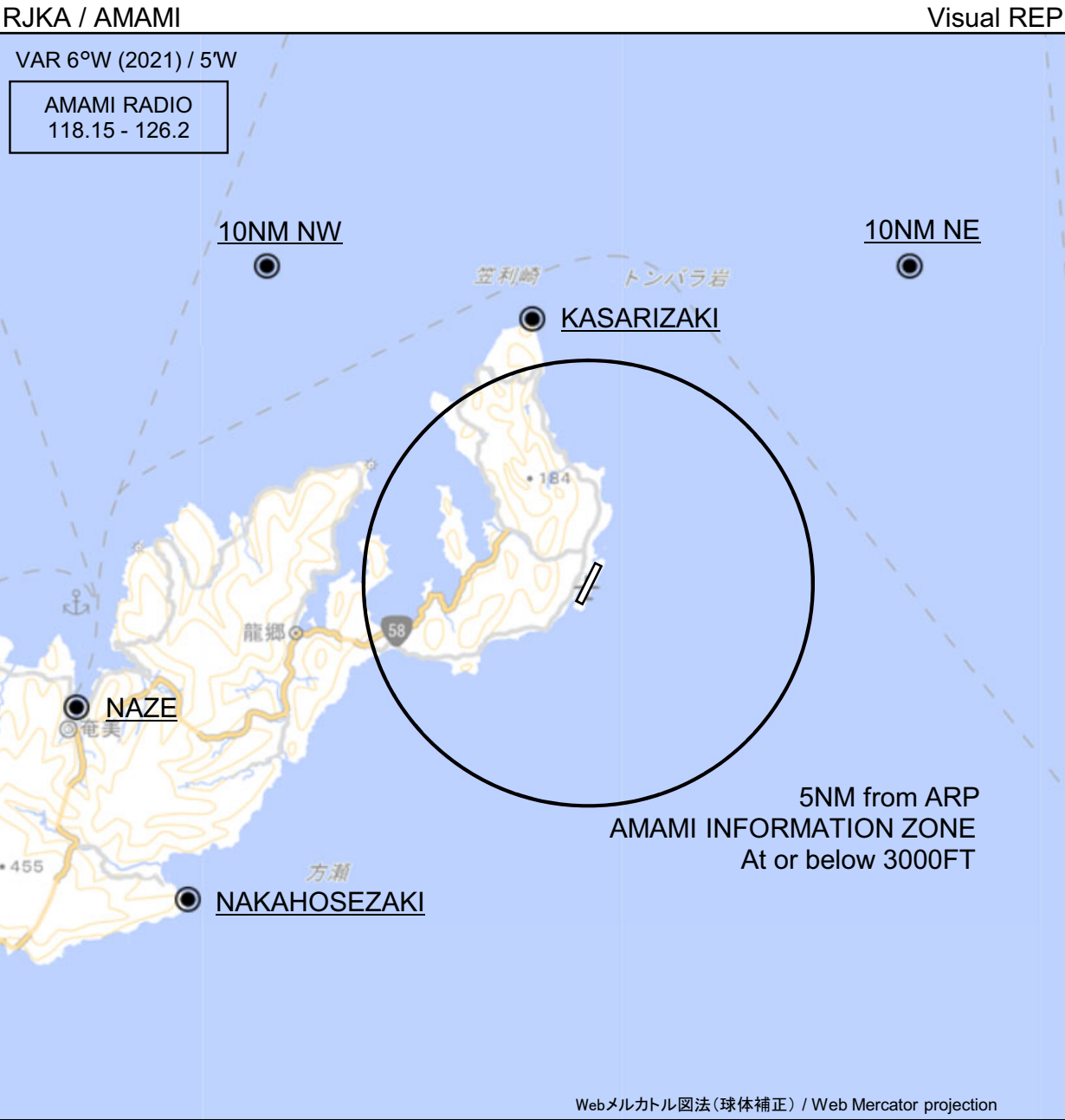
Coding Table

| 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 | - | - | -6.4 | - | - | +3500 | - | - | - |
| 002 | TF | ANBOL | - | 214 (207.1) | -6.4 | 9.5 | - | - | - | - | 1.0 |
| 003 | TF | OLTIB | - | 212 (205.9) | -6.4 | 5.0 | - | 1700 | - | - | 1.0 |
| 004 | TF | RW21 | Y | 212 (205.8) | -6.4 | 5.2 | - | 64 | - | -3.00/50 | 0.14 0.30 |
| 005 | TF | KA160 | - | 212 (205.8) | -6.4 | 5.7 | - | - | - | - | 1.0 |
| 006 | TF | KA161 | - | 302 (296.0) | -6.4 | 11.0 | - | - | - | - | 1.0 |
| 007 | TF | KA162 | - | 017 (010.7) | -6.4 | 10.0 | - | - | - | - | 1.0 |
| 008 | TF | TUMGI | - | 074 (067.1) | -6.4 | 20.9 | - | 3500 | - | - | 1.0 |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|---------------|-----------|
| Hold | TUMGI | 213 (207.0) | -6.3 | 1.0 (-14000) | R | 3500 | FL140 | -230 (-14000) | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates |
|---------------------|--------------------------|
| TUMGI | 284357.05N / 1295300.74E |
| ANBOL | 283528.93N / 1294804.04E |
| OLTIB | 283057.74N / 1294534.44E |
| RW21 | 282619.61N / 1294301.26E |
| KA160 | 282111.47N / 1294011.84E |
| KA161 | 282600.04N / 1292858.96E |
| KA162 | 283551.31N / 1293105.90E |



※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 : Map updated. BRG/DIST from ARP.

| Call sign | BRG / DIST from ARP | Remarks |
|----------------------|---------------------|--------------------|
| 10NM NE | 045°T / 10.0NM | 海上 Over the sea |
| 10NM NW | 315°T / 10.0NM | 海上 Over the sea |
| 笠利崎 Kasarizaki | 348°T / 6.0NM | 灯台 Lighthouse |
| 名瀬 Naze | 256°T / 11.7NM | 港 Harbor |
| 仲干瀬崎 Nakahosezaki | 231°T / 11.4NM | 岬 Cape |

RJKA / AMAMI

Minimum Vectoring Altitude CHART

