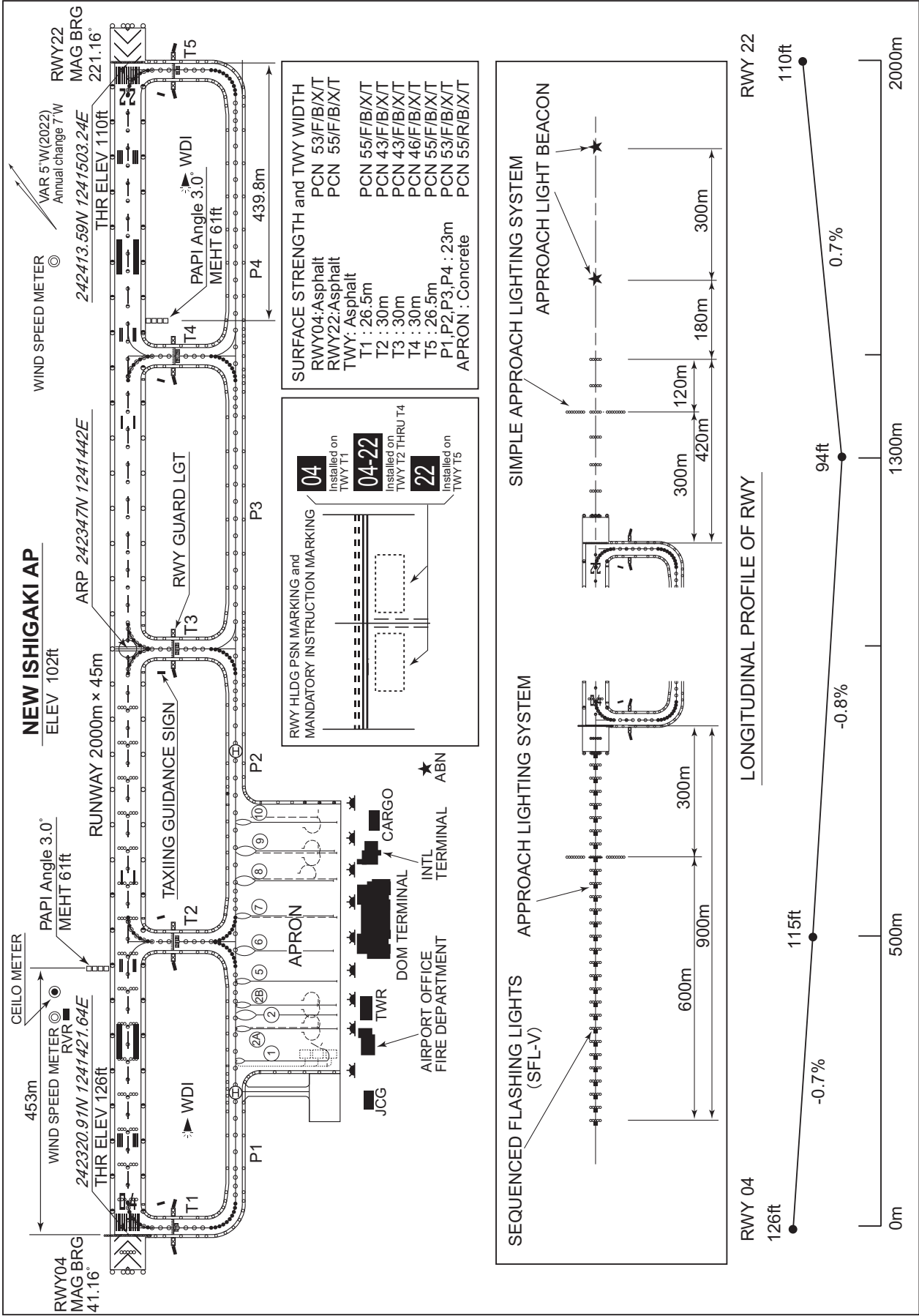


ROIG / NEW ISHIGAKI

AD CHART

CHANGE : ACFT lead-in line for SPOT 8 abolished.



INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

SID

GUSUK ONE DEPARTURE

RWY04 : Climb RWY HDG to 600FT, turn right,...

RWY22 : Climb RWY HDG to 600FT, via IGE R214 to IGE R214/2.8DME,turn left HDG027° ...

... to intercept and proceed via IGE R072 to GUSUK.

Cross GUSUK at or above 3000FT.

MIYAKO TWO DEPARTURE

RWY04 : Climb RWY HDG to 600FT, turn right HDG175° ...

RWY22 : Climb RWY HDG to 600FT, via IGE R214 to IGE R214/2.8DME,turn left HDG085° ...

... to intercept and proceed via IGE R130 to IGE 14.0DME, turn left, via MJC R241 to MJC VORTAC.



STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

SID

ISHIGAKI REVERSAL ONE DEPARTURE

RWY04 : Climb RWY HDG to 800FT, turn left to intercept and proceed via IGE R040 to 2000FT,
turn right,direct to IGE VOR/DME.

Cross IGE VOR/DME at or above 4000FT.

RWY22 : Climb RWY HDG to 600FT, via IGE R214 to IGE R214/5.5DME, turn left, direct to IGE VOR/DME.

Cross IGE VOR/DME at or above 4000FT.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

SID

KOHAM ONE DEPARTURE

RWY04 : Climb RWY HDG to 800FT, turn left to intercept and proceed via IGE R040 to IGE R040/5.5DME, turn left, via IGE 8.0DME counterclockwise ARC,turn right to intercept and proceed via IGE R275 to KOHAM.

Cross KOHAM at or above 4000FT.

RWY22 : Climb RWY HDG to 600FT,via IGE R214 to IGE R214/5.5DME,turn right, via IGE 8.0DME clockwise ARC,turn left to intercept and proceed via IGE R275 to KOHAM.

Cross KOHAM at or above 4000FT.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

RNAV SID and TRANSITION

| | | |
|---|--|------------|
| GAHRA THREE DEPARTURE MIYAKOJIMA TRANSITION | | Basic RNP1 |
| Note GNSS required. | | |
| <div><div>VAR5°W</div><div><div><div><div><div>VOR/DME ISHIGAKIJIMA 115.4 IGE CH-101X 24°23'46"N/124°14'17"E 200FT</div><div>VOR/DME SHIMOJISHIMA 117.1 SJE CH-118X 24°49'19"N/125°08'38"E 100FT</div><div>VORTAC MIYAKOJIMA 113.45 MJC CH-81Y 24°46'39"N/125°17'36"E 200FT</div></div><div><div><div>GAHRA 244243.1N 1250550.4E</div><div>MIYAKOJIMA TRANSITION</div><div>MIYAKOJIMA (MJC) 244638.6N 1251736.3E 8000</div></div><div><div>IG200 242118.1N 1241244.7E</div><div>TARAMA AP</div><div>SHIMOJISHIMA AP</div><div>MIYAKO AP</div></div></div></div></div></div></div> | | |
| <div><div>GAHRA THREE DEPARTURE</div><div>RWY04 : Climb on HDG 041° at or above 600FT, turn right direct to GAHRA. RWY22 : Climb on HDG 221° at or above 600FT, direct to IG200, turn left direct to GAHRA.</div></div> | | |
| <div><div>MIYAKOJIMA TRANSITION</div><div>From GAHRA, to MJC at or above 8000FT.</div></div> | | |

CHANGE : Description of VAR.

STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

RNAV SID and TRANSITION

GAHRA THREE DEPARTURE

RWY04

| 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 | — | — | 041 (035.9) | -4.9 | — | — | +600 | — | — | Basic RNP1 |
| 002 | DF | GAHRA | — | — | -4.9 | — | R | — | — | — | Basic RNP1 |

RWY22

| 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 | — | — | 221 (215.9) | -4.9 | — | — | +600 | — | — | Basic RNP1 |
| 002 | DF | IG200 | Y | — | -4.9 | — | — | — | — | — | Basic RNP1 |
| 003 | DF | GAHRA | — | — | -4.9 | — | L | — | — | — | Basic RNP1 |

MIYAKOJIMA 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 | GAHRA | — | — | -4.9 | — | — | — | — | — | Basic RNP1 |
| 002 | TF | MJC | — | 075 (069.8) | -4.9 | 11.4 | — | +8000 | — | — | Basic RNP1 |

CHANGE : PROC renamed (GAHRA THREE DEPARTURE). Navigation specification.

STANDARD DEPARTURE CHART -INSTRUMENT

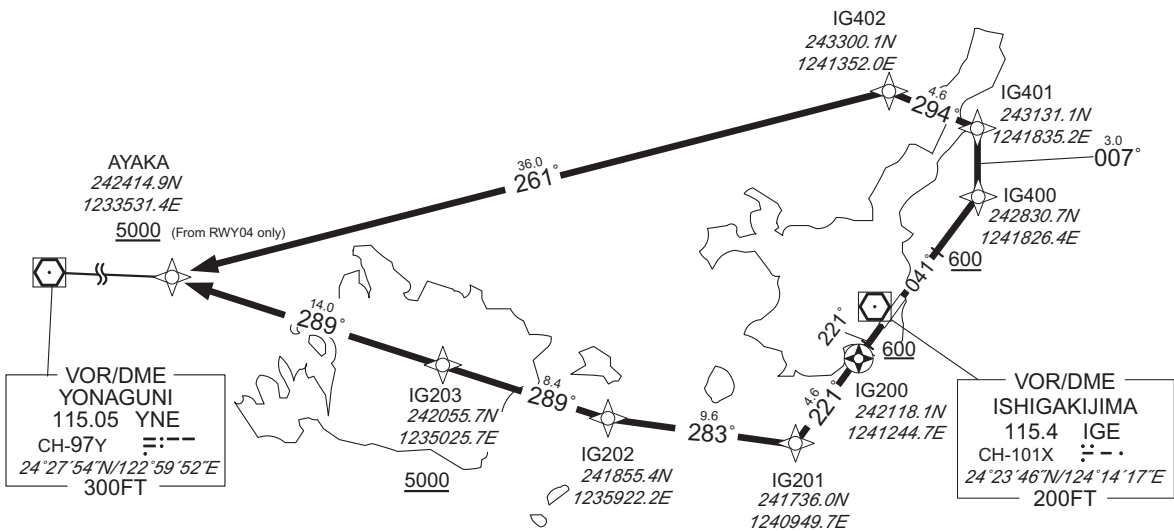
ROIG / NEW ISHIGAKI

RNAV SID

| | |
|-----------------------|------------|
| AYAKA THREE DEPARTURE | Basic RNP1 |
|-----------------------|------------|

Note GNSS required.

VAR5°W



RWY04 : Climb on HDG 041° at or above 600FT, direct to IG400, to IG401, to IG402, to AYAKA at or above 5000FT.

RWY22 : Climb on HDG 221° at or above 600FT, direct to IG200, to IG201, to IG202, to IG203 at or above 5000FT, to AYAKA.

NOTE RWY04 : 4.0% climb gradient required up to 2000FT.
OBST ALT 836FT at 9.53NM 021° FM end of RWY04.

CHANGE : Description of VAR and PROC name.

STANDARD DEPARTURE CHART -INSTRUMENT

ROIG / NEW ISHIGAKI

RNAV SID

AYAKA THREE DEPARTURE

RWY04

| 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 | — | — | 041 (035.9) | -4.9 | — | — | +600 | — | — | Basic RNP1 |
| 002 | DF | IG400 | — | — | -4.9 | — | — | — | — | — | Basic RNP1 |
| 003 | TF | IG401 | — | 007 (002.6) | -4.9 | 3.0 | — | — | — | — | Basic RNP1 |
| 004 | TF | IG402 | — | 294 (289.1) | -4.9 | 4.6 | — | — | — | — | Basic RNP1 |
| 005 | TF | AYAKA | — | 261 (256.1) | -4.9 | 36.0 | — | +5000 | — | — | Basic RNP1 |

RWY22

| 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 | — | — | 221 (215.9) | -4.9 | — | — | +600 | — | — | Basic RNP1 |
| 002 | DF | IG200 | Y | — | -4.9 | — | — | — | — | — | Basic RNP1 |
| 003 | TF | IG201 | — | 221 (215.7) | -4.9 | 4.6 | — | — | — | — | Basic RNP1 |
| 004 | TF | IG202 | — | 283 (277.9) | -4.9 | 9.6 | — | — | — | — | Basic RNP1 |
| 005 | TF | IG203 | — | 289 (283.9) | -4.9 | 8.4 | — | +5000 | — | — | Basic RNP1 |
| 006 | TF | AYAKA | — | 289 (283.8) | -4.9 | 14.0 | — | — | — | — | Basic RNP1 |

CHANGE : PROC renamed. Navigation specification.

STANDARD ARRIVAL CHART-INSTRUMENT

ROIG / NEW ISHIGAKIRNAV STAR RWY04 / RWY22

MASAN ARRIVAL

Basic RNP1

Note GNSS required.

VAR5°W

DIANA

245953.1N

1250553.1E

8000

46.1

236°

VOR/DME

ISHIGAKIJIMA

115.4 IGE

CH-101X

24°23'46"N/124°14'17"E

200FT

MASAN

243033.2N

1242649.7E

3000

VOR/DME

SHIMOJISHIMA

117.1 SJE

CH-118X

24°49'19"N/125°08'38"E

100FT

VORTAC

MIYAKOJIMA

113.45 MJC

CH-81Y

24°46'39"N/125°17'36"E

200FT

SHIMOJISHIMA AP

MIYAKO AP

TARAMA AP

From DIANA at or above 8000FT, to MASAN at or above 3000FT.

| 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 | DIANA | — | — | -5.1 | — | — | +8000 | — | — | Basic RNP1 |
| 002 | TF | MASAN | — | 236 (230.5) | -5.1 | 46.1 | — | +3000 | — | — | Basic RNP1 |

CHANGE : New PROC.

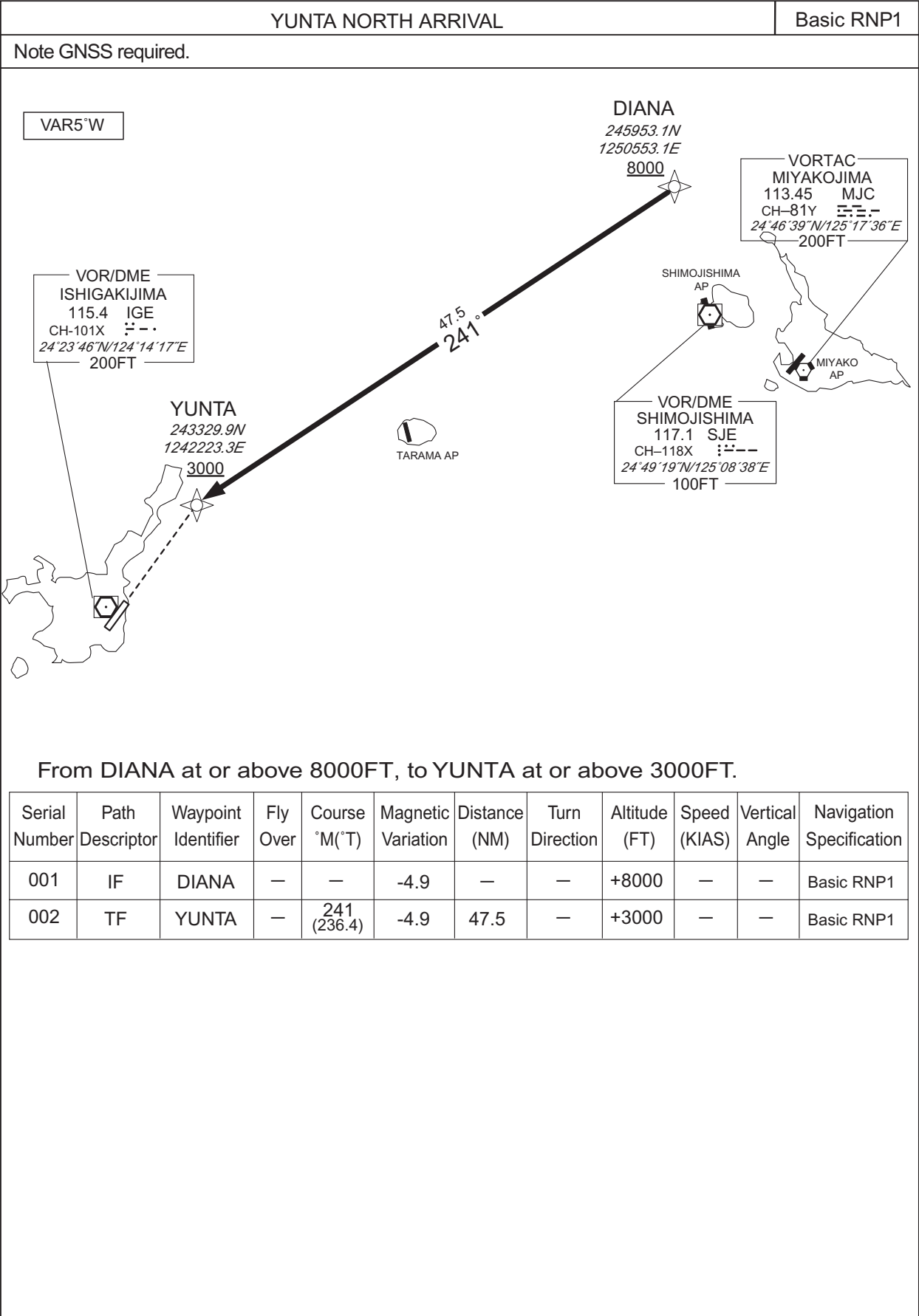
Civil Aviation Bureau,Japan (EFF:15 JUN 2023)

18/5/23

STANDARD ARRIVAL CHART-INSTRUMENT

ROIG / NEW ISHIGAKI

RNAV STAR RWY22

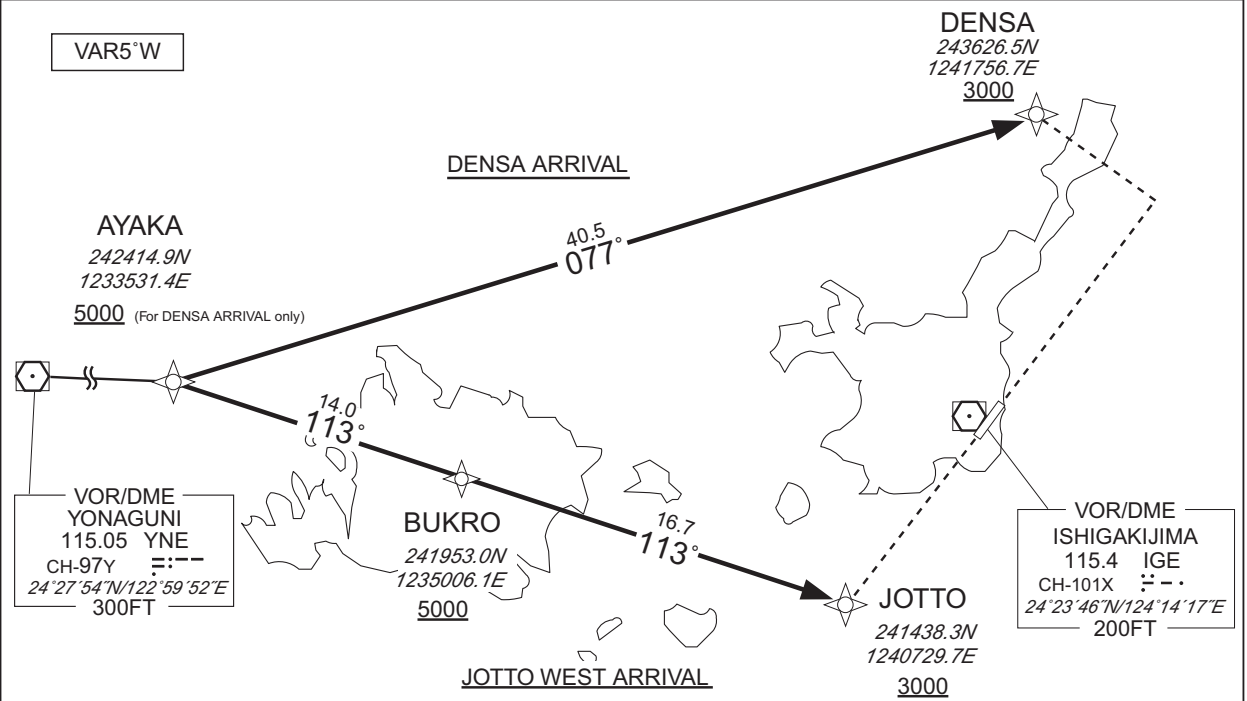


STANDARD ARRIVAL CHART-INSTRUMENT

ROIG / NEW ISHIGAKI RNAV STAR RWY04/RWY22

| | |
|------------------------------------|------------|
| DENSA ARRIVAL / JOTTO WEST ARRIVAL | Basic RNP1 |
|------------------------------------|------------|

Note GNSS required.



DENSA ARRIVAL

From AYAKA at or above 5000FT, to DENSA at or above 3000FT.

| 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 | AYAKA | — | — | -4.9 | — | — | +5000 | — | — | Basic RNP1 |
| 002 | TF | DENSA | — | 077 (072.3) | -4.9 | 40.5 | — | +3000 | — | — | Basic RNP1 |

JOTTO WEST ARRIVAL

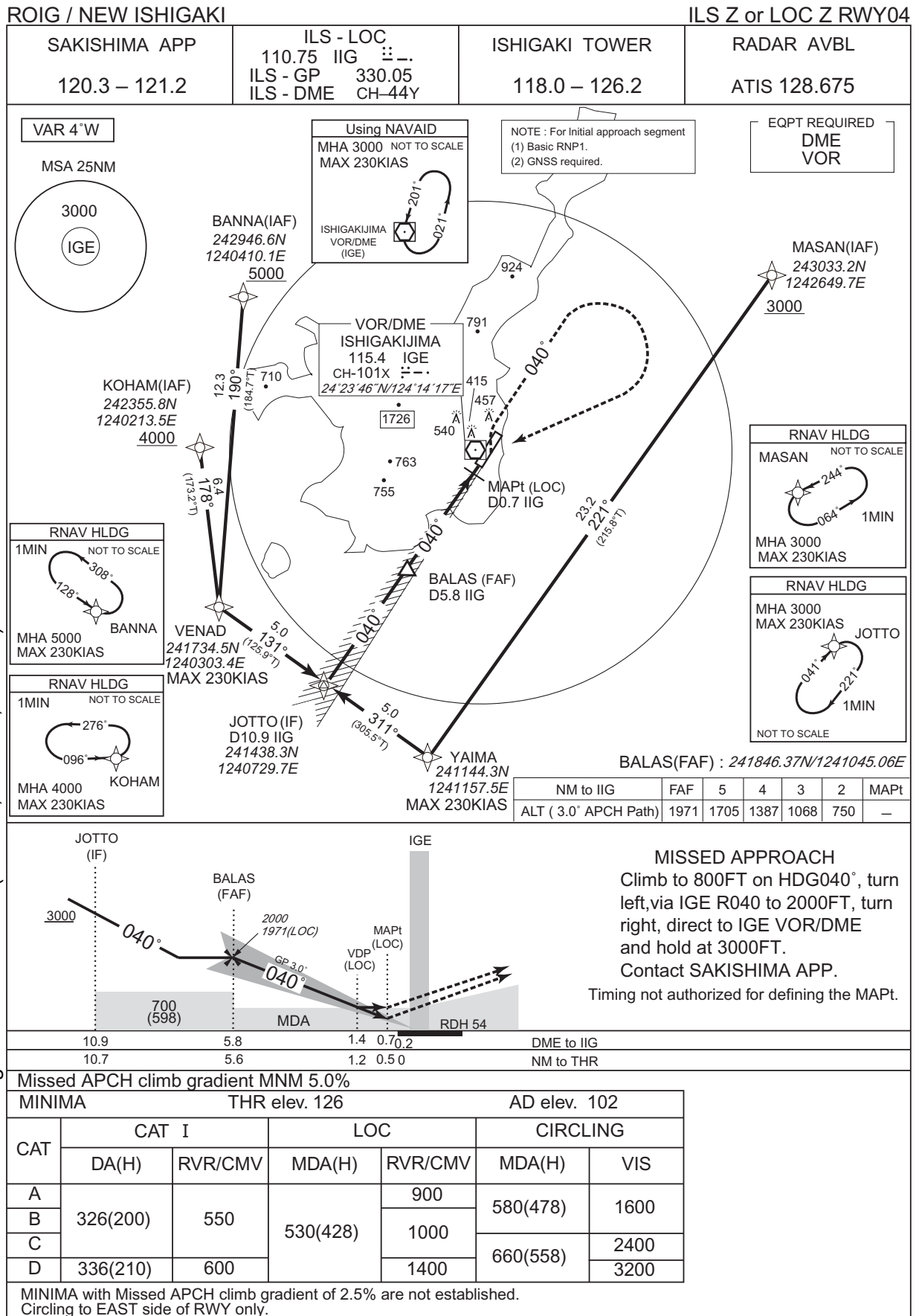
From AYAKA, to BUKRO at or above 5000FT, to JOTTO at or above 3000FT.

| 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 | AYAKA | — | — | -4.9 | — | — | — | — | — | Basic RNP1 |
| 002 | TF | BUKRO | — | 113 (108.1) | -4.9 | 14.0 | — | +5000 | — | — | Basic RNP1 |
| 003 | TF | JOTTO | — | 113 (108.2) | -4.9 | 16.7 | — | +3000 | — | — | Basic RNP1 |

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

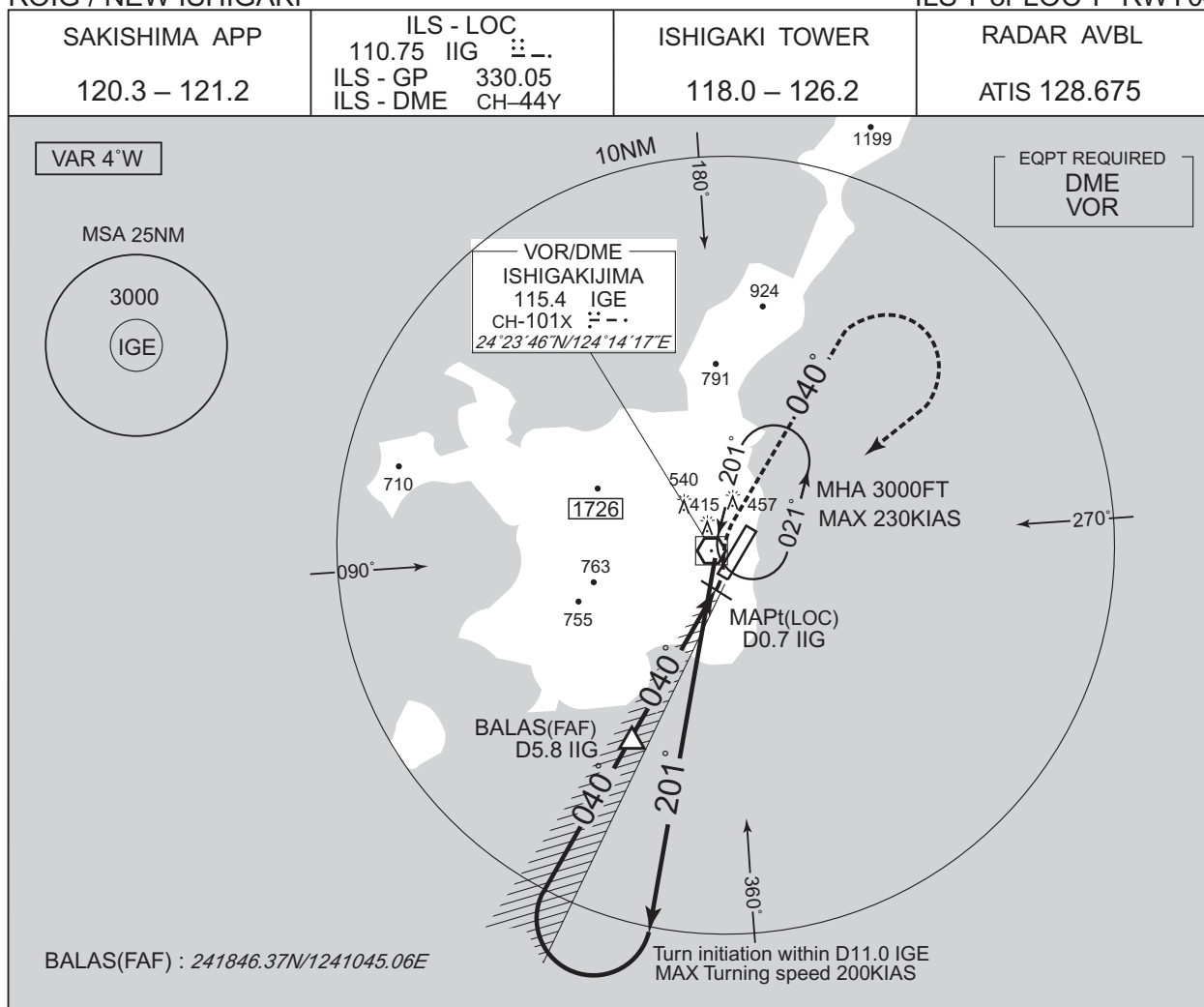
CHANGE : PROC course. VENAD established. RNAV HLDG established(BANNA, KOHAM, MASAN, JOTTO).
HLDG for using NAVAID abolished(BANNA, KOHAM, JOTTO).



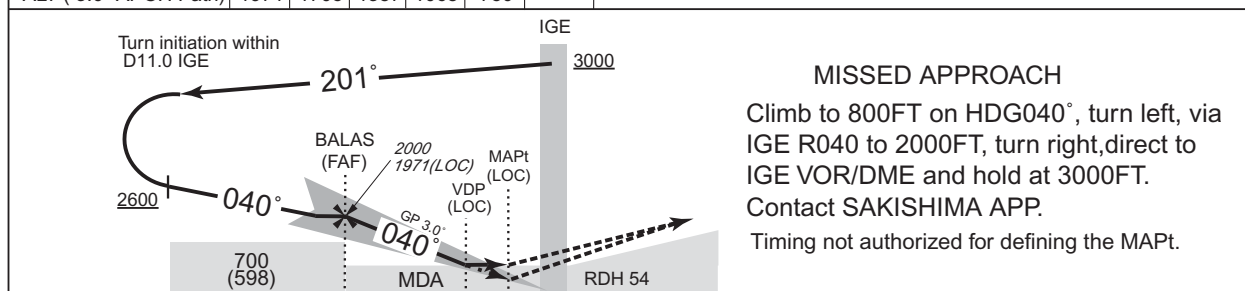
INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

ILS Y or LOC Y RWY04



| NM to IIG | FAF | 5 | 4 | 3 | 2 | MAPt |
|-----------------------|------|------|------|------|-----|------|
| ALT (3.0° APCH Path) | 1971 | 1705 | 1387 | 1068 | 750 | — |



| | | | |
|-----|-----|------|------------|
| 5.8 | 1.4 | 0.7 | DME to IIG |
| 5.6 | 1.2 | 0.50 | NM to THR |

| | | | | | | |
|-------------------------------------|----------|---------------|----------|--------------|----------|------|
| Missed APCH climb gradient MNM 5.0% | | | | | | |
| MINIMA | | THR elev. 126 | | AD elev. 102 | | |
| CAT | CAT I | | LOC | | CIRCLING | |
| | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 326(200) | 550 | 530(428) | 900 | 580(478) | 1600 |
| B | | | | 1000 | | |
| C | | | | | 660(558) | 2400 |
| D | 336(210) | 600 | | 1400 | | 3200 |

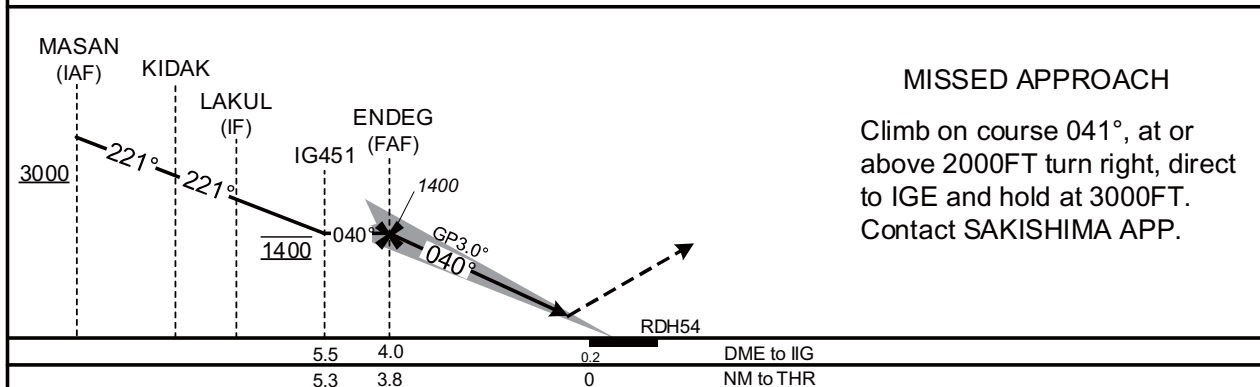
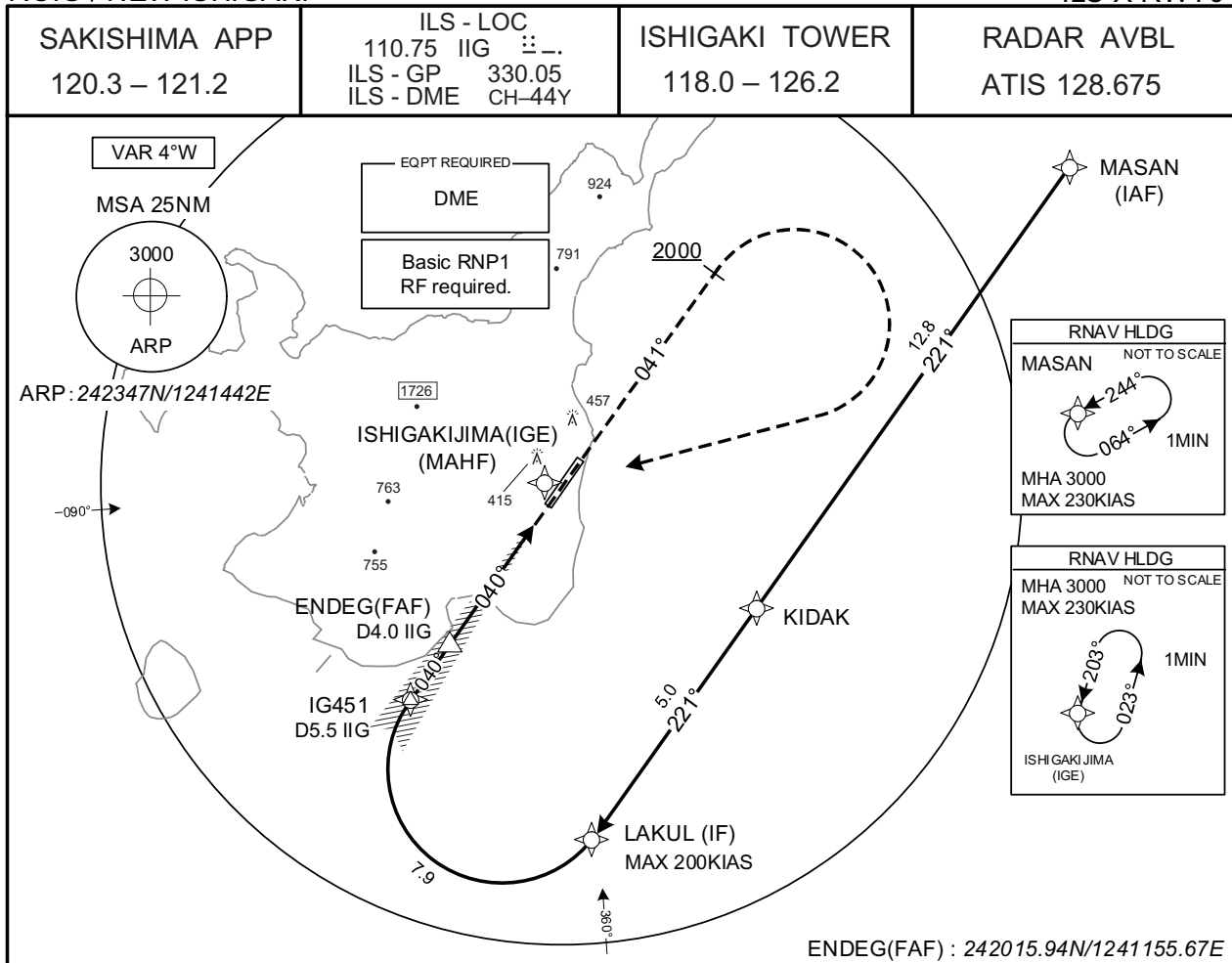
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to EAST side of RWY only.

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

ILS X RWY04



MISSED APPROACH

Climb on course 041°, at or above 2000FT turn right, direct to IGE and hold at 3000FT. Contact SAKISHIMA APP.

Missed APCH climb gradient MNM 5.0%

| MINIMA | | THR elev. 126 | AD elev. 102 | |
|--------|----------|---------------|--------------|------|
| CAT | CAT I | | CIRCLING | |
| | DA(H) | RVR/CMV | MDA(H) | VIS |
| A | 326(200) | 550 | 580(478) | 1600 |
| B | | | 660(558) | 2400 |
| C | | | | 3200 |
| D | 336(210) | 600 | | |

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

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

ILS X RWY04

Coding Table

| 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 | MASAN | — | — | -5.1 | — | — | +3000 | — | — | Basic RNP1 |
| 002 | TF | KIDAK | — | 221 (215.8) | -5.1 | 12.8 | — | — | — | — | Basic RNP1 |
| 003 | TF | LAKUL | — | 221 (215.7) | -5.1 | 5.0 | — | — | -200 | — | Basic RNP1 |
| 004 | RF Center: IGRF2 r=2.50NM | IG451 | — | — | -5.1 | 7.9 | R | 1400 | — | — | Basic RNP1 |
| 001 | CA | — | — | 041 (035.7) | -5.1 | — | — | +2000 | — | — | Basic RNP1 |
| 002 | DF | IGE | — | — | -5.1 | — | R | 3000 | — | — | Basic 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 | MASAN | 244 (239.3) | -5.1 | 1.0(-14000) | L | 3000 | FL140 | -230(-14000) | Basic RNP1 |
| Hold | IGE | 203 (197.8) | -5.1 | 1.0(-14000) | L | 3000 | FL140 | -230(-14000) | Basic RNP1 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|------------------------|--------------------------|------------------------|
| MASAN | 243033.23N/1242649.67E | IGRF2 | 241734.58N/1241311.07E |
| KIDAK | 242010.28N/1241836.67E | | |
| LAKUL | 241606.39N/1241524.14E | | |
| IG451 | 241902.74N/1241057.95E | | |
| IGE | 242345.64N/1241416.63E | | |

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

VOR RWY04



ROIG / NEW ISHIGAKI

VOR Z RWY22

| | | | |
|---------------|--|-------------------------------------|--------------------------------|
| SAKISHIMA APP | ISHIGAKIJIMA VOR/DME 115.4 IGE CH-101X 101.1 24°23'46"N/124°14'17"E | ISHIGAKI TOWER 118.0 – 126.2 | RADAR AVBL ATIS 128.675 |
|---------------|--|-------------------------------------|--------------------------------|



| | | | | | |
|------|-----|------|------|------|-----------------------|
| MAPt | 3 | 4 | 5 | FAF | NM to IGE |
| — | 845 | 1163 | 1481 | 1520 | ALT (3.0° APCH Path) |

Climb via IGE R215 to IGE
4.0DME, turn left, direct to IGE
VOR/DME and hold at 3000FT.
Contact SAKISHIMA APP

Timing not authorized for defining the MAPt.



| | | MDA | | (1999) | | HRG |
|------------|---|-----|-----|--------|--|------|
| DME to IGE | | 2.1 | 2.2 | 5.1 | | 11.0 |
| NM to THR | 0 | 1.3 | 1.4 | 4.3 | | 10.2 |

| MINIMA | | THR elev. 110 | AD elev. 102 | |
|--------|----------|---------------|--------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 580(478) | 1400 | 580(478) | 1600 |
| B | | 1500 | | |
| C | | 1600 | 660(558) | 2400 |
| D | | 1800 | | 3200 |

Circling to EAST side of RWY only.

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

VOR Y RWY22



ROIG / NEW ISHIGAKI

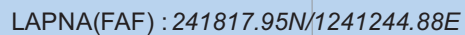
SAKISHIMA APP
120.3 - 121.2

RNP AR
RF required.

ISHIGAKI TOWER
118.0 - 126.2

RADAR AVBL
ATIS 128.675

For uncompensated Baro-VNAV systems, procedure not authorized below 5°C / above 45°C



Climb to 4000FT, to IG452,
to SEIJI and hold.
Contact SAKISHIMA APP.

CHANGE : Description of VAR.

| | | |
|-------------------------------------|---------------|--------------|
| Missed APCH climb gradient MNM 5.0% | | |
| MINIMA | THR elev. 126 | AD elev. 102 |
| CAT | RNP 0.30 | |
| | DA(H) | RVR/CMV |
| A | - | - |
| B | | |
| C | 545(419) | 1000 |
| D | 567(441) | 1400 |

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

Authorization Required

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

RNP RWY04(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 | SEIJI | - | - | -5.0 | - | - | +4000 | - | - | - |
| 002 | TF | SIZKU | - | 232 (226.6) | -5.0 | 8.6 | - | - | - | - | 1.0 |
| 003 | TF | IG450 | - | 232 (226.6) | -5.0 | 8.6 | - | +2000 | -185 | - | 1.0 |
| 004 | RF Center: IGRF1 r=2.55NM | LAPNA | - | - | -5.0 | 4.3 | R | 2000 | - | - | 1.0 |
| 005 | RF Center: IGRF1 r=2.55NM | IG200 | - | - | -5.0 | 3.2 | R | 982 | - | -3.00 | 0.3 |
| 006 | TF | RW04 | Y | 041 (035.7) | -5.0 | 2.5 | - | 180 | - | -3.00/54 | 0.3 |
| 007 | TF | IG452 | - | 041 (035.7) | -5.0 | 4.6 | - | - | - | - | 1.0 |
| 008 | TF | SEIJI | - | 083 (077.6) | -5.0 | 12.4 | - | 4000 | - | - | 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 | SEIJI | 253 (248.2) | -5.0 | 1.0 (-14000) | R | 4000 | FL140 | -230 (-14000) | 1.0 |

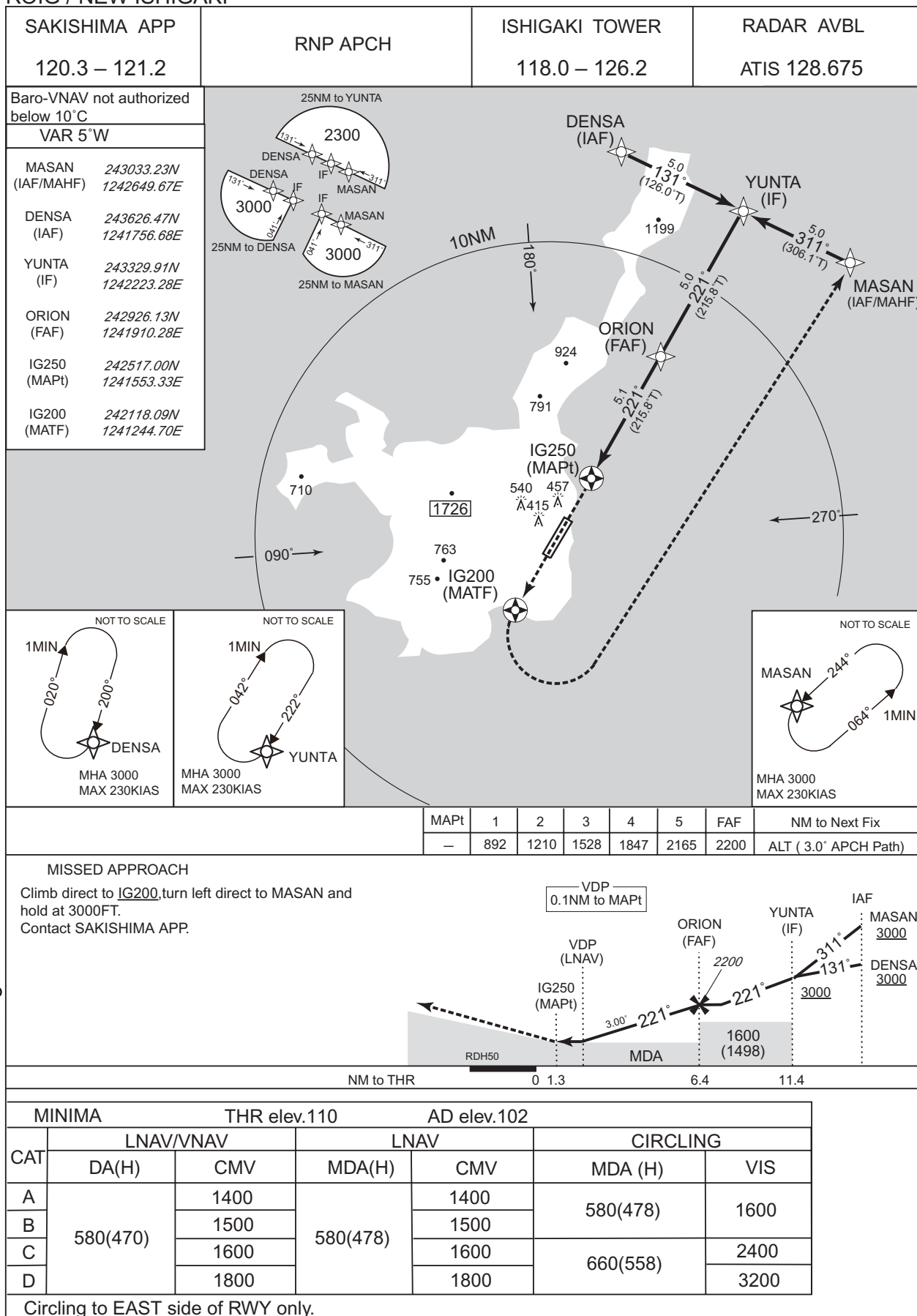
Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|------------------------|--------------------------|------------------------|
| SEIJI | 242944.43N/1243036.57E | IGRF1 | 241948.12N/1241500.55E |
| SIZKU | 242350.59N/1242345.74E | | |
| IG450 | 241756.41N/1241655.55E | | |
| LAPNA | 241817.95N/1241244.88E | | |
| IG200 | 242118.09N/1241244.70E | | |
| RW04 | 242320.91N/1241421.64E | | |
| IG452 | 242705.63N/1241719.18E | | |

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

RNP Z RWY22

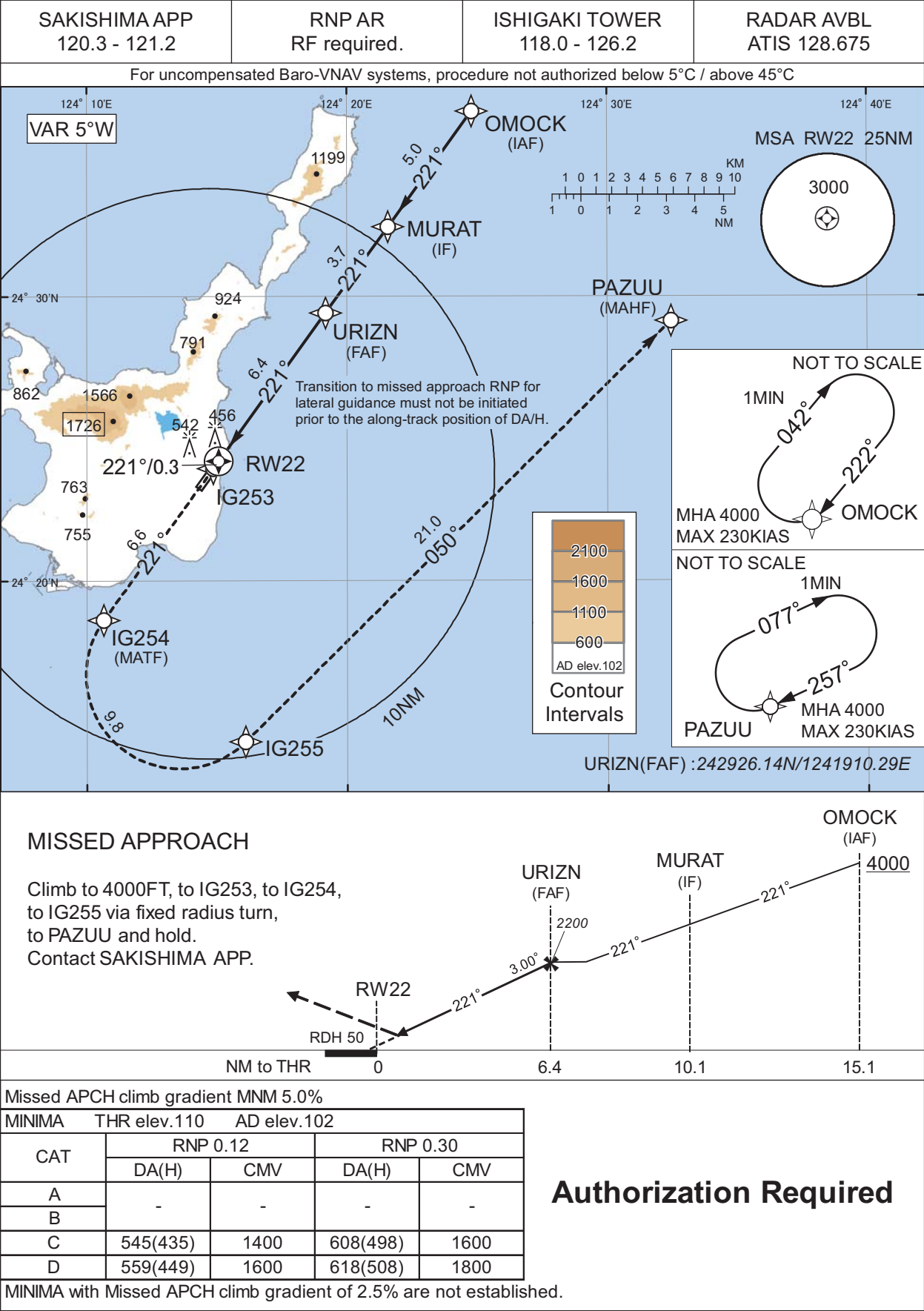


CHANGE : Missed APCH for using VOR/DME abolished.

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

RNP Y RWY22(AR)



CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

ROIG / NEW ISHIGAKI

RNP Y RWY22(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 | OMOCK | - | - | -5.0 | - | - | +4000 | - | - | - |
| 002 | TF | MURAT | - | 221 (215.8) | -5.0 | 5.0 | - | - | - | - | 1.0 |
| 003 | TF | URIZN | - | 221 (215.8) | -5.0 | 3.7 | - | 2200 | - | - | 1.0 |
| 004 | TF | RW22 | Y | 221 (215.8) | -5.0 | 6.4 | - | 160 | - | -3.00/50 | 0.12 0.30 |
| 005 | TF | IG253 | - | 221 (215.7) | -5.0 | 0.3 | - | - | - | - | 0.12 0.30 |
| 006 | TF | IG254 | - | 221 (215.7) | -5.0 | 6.6 | - | - | - | - | 1.0 |
| 007 | RF Center: IGRF3 r=3.28NM | IG255 | - | - | -5.0 | 9.8 | L | - | - | - | 1.0 |
| 008 | TF | PAZUU | - | 050 (045.2) | -5.0 | 21.0 | - | 4000 | - | - | 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 | OMOCK | 222 (216.9) | -5.0 | 1.0 (-14000) | R | 4000 | FL140 | -230 (-14000) | 1.0 |
| Hold | PAZUU | 257 (252.1) | -5.0 | 1.0 (-14000) | R | 4000 | FL140 | -230 (-14000) | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|------------------------|--------------------------|------------------------|
| OMOCK | 243631.66N/1242447.35E | IGRF3 | 241641.99N/1241333.15E |
| MURAT | 243227.94N/1242134.19E | | |
| URIZN | 242926.14N/1241910.29E | | |
| RW22 | 242413.59N/1241503.24E | | |
| IG253 | 242357.98N/1241450.93E | | |
| IG254 | 241837.84N/1241038.29E | | |
| IG255 | 241421.38N/1241604.82E | | |
| PAZUU | 242908.99N/1243226.97E | | |

ROIG / NEW ISHIGAKI

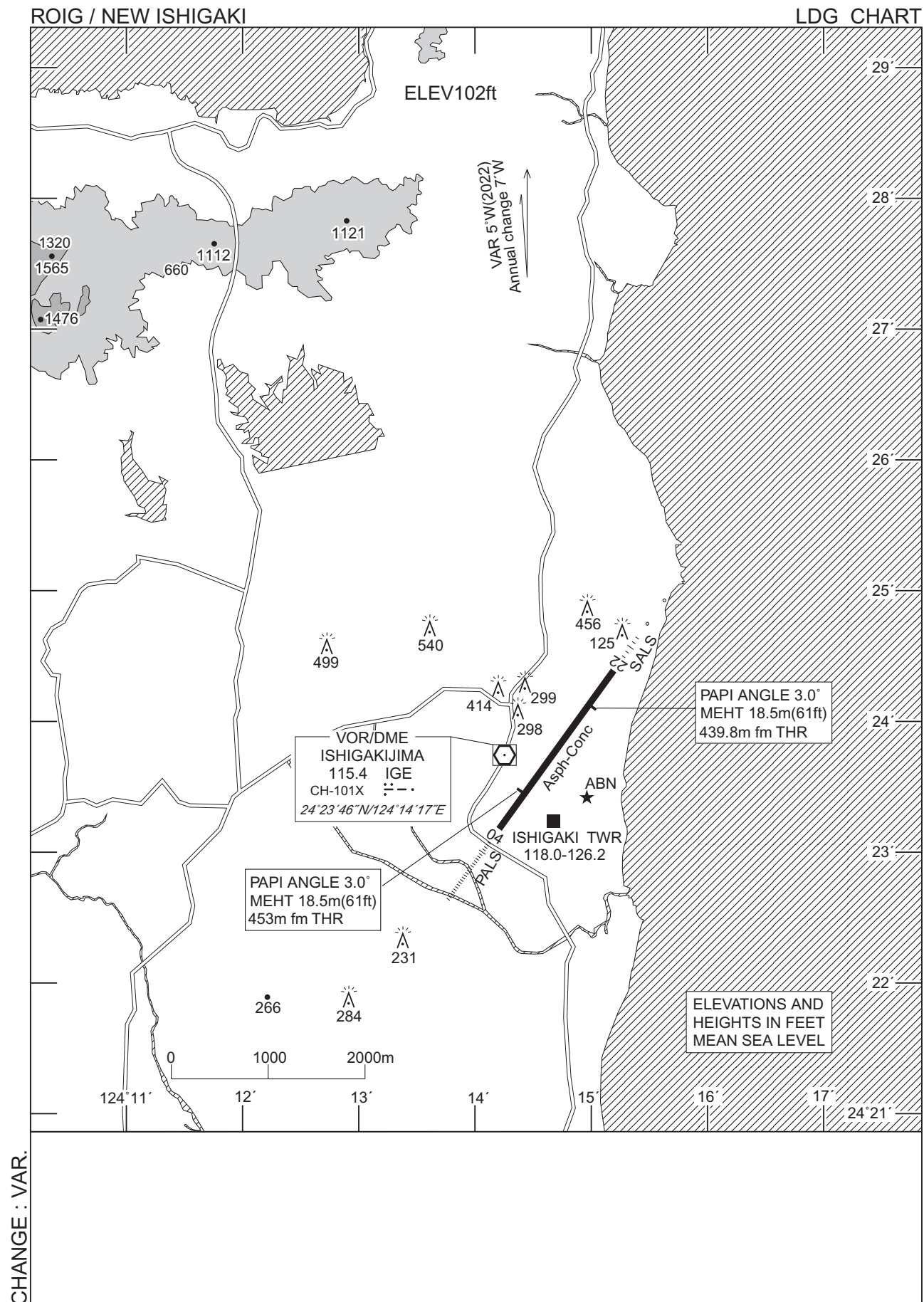
Visual REP



※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 : Map updated. BRG/DIST from ARP.

| Call sign | BRG / DIST from ARP | Remarks |
|------------------------|---------------------|--------------------------------------|
| 野底岳 Nosokodake | 002°T / 5.5NM | 山 Mountain |
| イーストポイント East Point | 120°T / 6.0NM | 海上 Over the sea |
| 竹富島 Taketomijima | 246°T / 9.0NM | 高速艇船着場 Port |
| 観音崎 Kannonzaki | 256°T / 7.5NM | 灯台 Light house |
| 川平 Kabira | 304°T / 6.8NM | 川平湾グラスボート乗り場 Kabira Bay Boat pier |
| 底原 Sokobaru | 322°T / 2.1NM | ダム Dam |



Minimum Vectoring Altitude CHART

