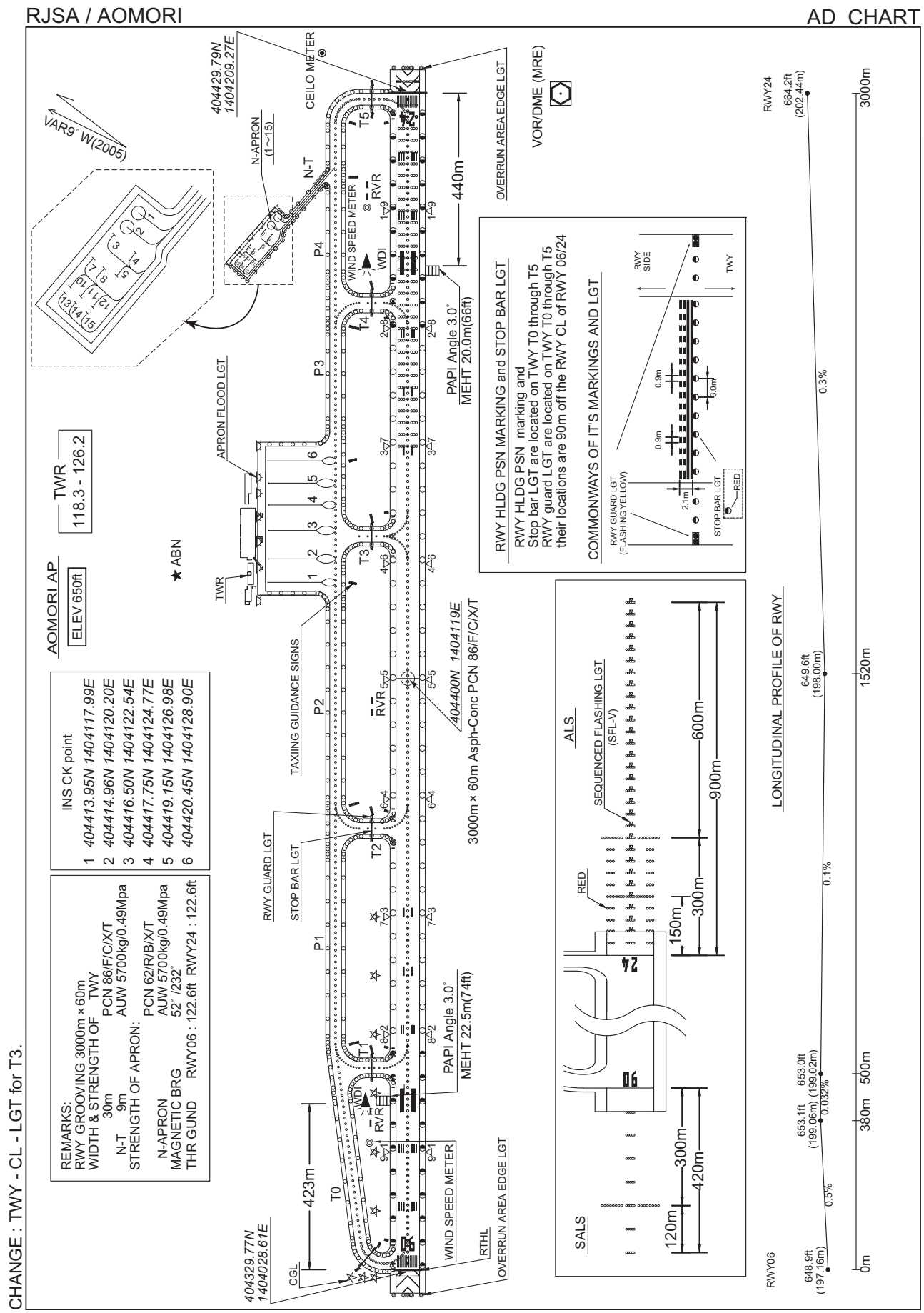
RJSA / AOMORI
AD CHART
CHANGE : TWY - CL - LGT for T3.
AOMORI AP
ELEV 650ft
TWR
118.3 - 126.2
ABN
VAR9° W(2005)
404429.79N
1404209.27E
CEILO METER
N-APRON
(1~15)
N-T
T5
RVR
WIND SPEED METER
WDI
P4
P3
P2
P1
T4
T3
T2
T1
T0
APRON FLOOD LGT
TAXIING GUIDANCE SIGNS
RWY GUARD LGT
STOP BAR LGT
PAPI Angle 3.0°
MEHT 20.0m(66ft)
440m
OVERRUN AREA EDGE LGT
VOR/DME (MRE)
404400N 1404119E
3000m × 60m Asph-Conc PCN 86/F/C/X/T
PAPI Angle 3.0°
MEHT 22.5m(74ft)
404329.77N
1404028.61E
CGL
423m
RTHL
OVERRUN AREA EDGE LGT
REMARKS:
RWY GROOVING 3000m × 60m
WIDTH & STRENGTH OF TWY
30m PCN 86/F/C/X/T
N-T 9m AUW 5700kg/0.49Mpa
STRENGTH OF APRON:
PCN 62/R/B/X/T
N-APRON AUW 5700kg/0.49Mpa
MAGNETIC BRG 52° /232°
THR GUND RWY06 : 122.6ft RWY24 : 122.6ft
INS CK point
1 404413.95N 1404117.99E
2 404414.96N 1404120.20E
3 404416.50N 1404122.54E
4 404417.75N 1404124.77E
5 404419.15N 1404126.98E
6 404420.45N 1404128.90E
RWY HLDG PSN MARKING and STOP BAR LGT
RWY HLDG PSN marking and
Stop bar LGT are located on TWY T0 through T5
RWY guard LGT are located on TWY T0 through T5
their locations are 90m off the RWY CL of RWY 06/24
COMMONWAYS OF IT'S MARKINGS AND LGT
RWY GUARD LGT
(FLASHING YELLOW)
STOP BAR LGT
RED
RWY SIDE
TWY
0.9m
2.1m
6.0m
ALS
SEQUENCED FLASHING LGT
(SFL-V)
SALS
LONGITUDINAL PROFILE OF RWY
RWY06
RWY24
648.9ft
(197.16m)
653.1ft
(199.06m)
653.0ft
(199.02m)
649.6ft
(198.00m)
664.2ft
(202.44m)
0.5%
0.032%
0.1%
0.3%
120m
300m
420m
150m
300m
600m
900m
0m
380m
500m
1520m
3000m

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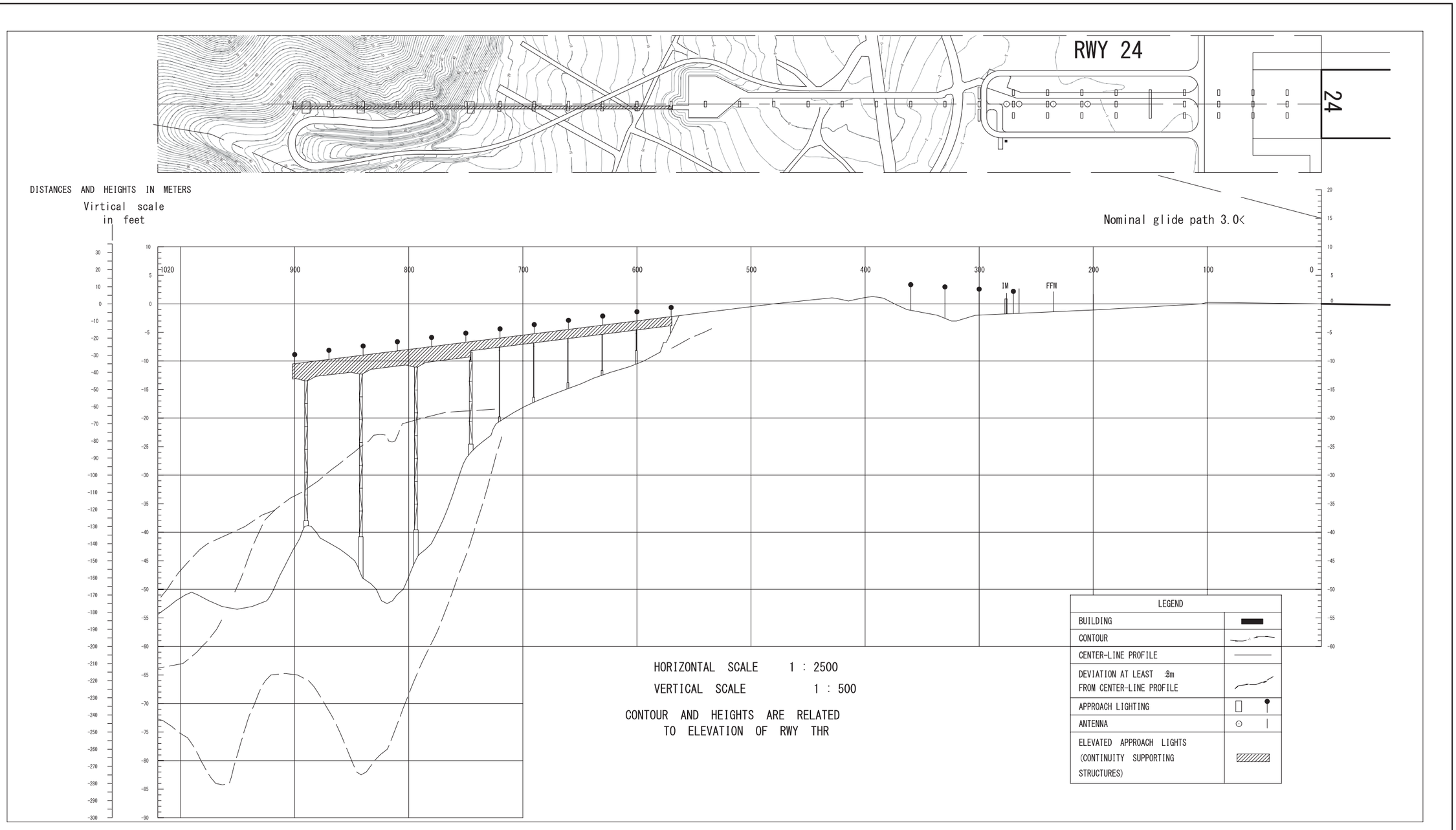
## PRECISION APPROACH TERRAIN CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJSA / AOMORI SID and TRANSITION

IWAKI SIX DEPARTURE

RWY06 : Climb RWY HDG to 1100FT, turn left HDG 291˚ to intercept and proceed via MRE R330 to 12.0DME, turn left, via HWE R208 to GONOU.
Cross MRE R330/8.0DME at or above 3600FT, cross HWE R208/63.0DME at or above 7000FT, cross GONOU at or above 9000FT.

RWY24 : Climb RWY HDG to 1200FT, via MRE R238 to GONOU.
Cross GONOU at or above 9000FT.

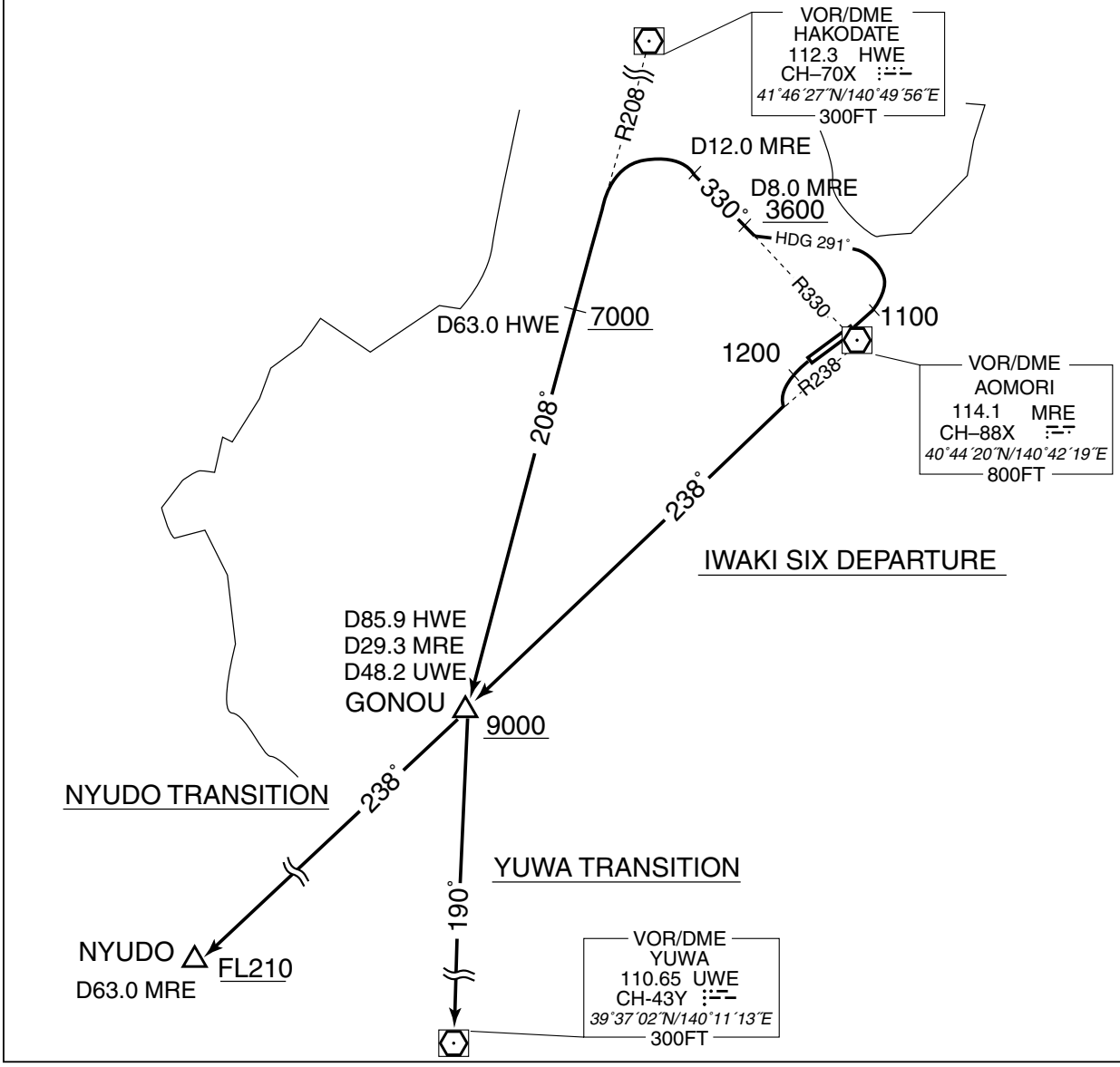
Note RWY24 : No turn before DER.
5.0% climb gradient required up to 1200FT.
OBST ALT 782FT located at 0.8NM 223˚ FM end of RWY24.

YUWA TRANSITION

From over GONOU, via UWE R010 to UWE VOR/DME.

NYUDO TRANSITION

From over GONOU, via MRE R238 to NYUDO.
Cross NYUDO at or above FL210.



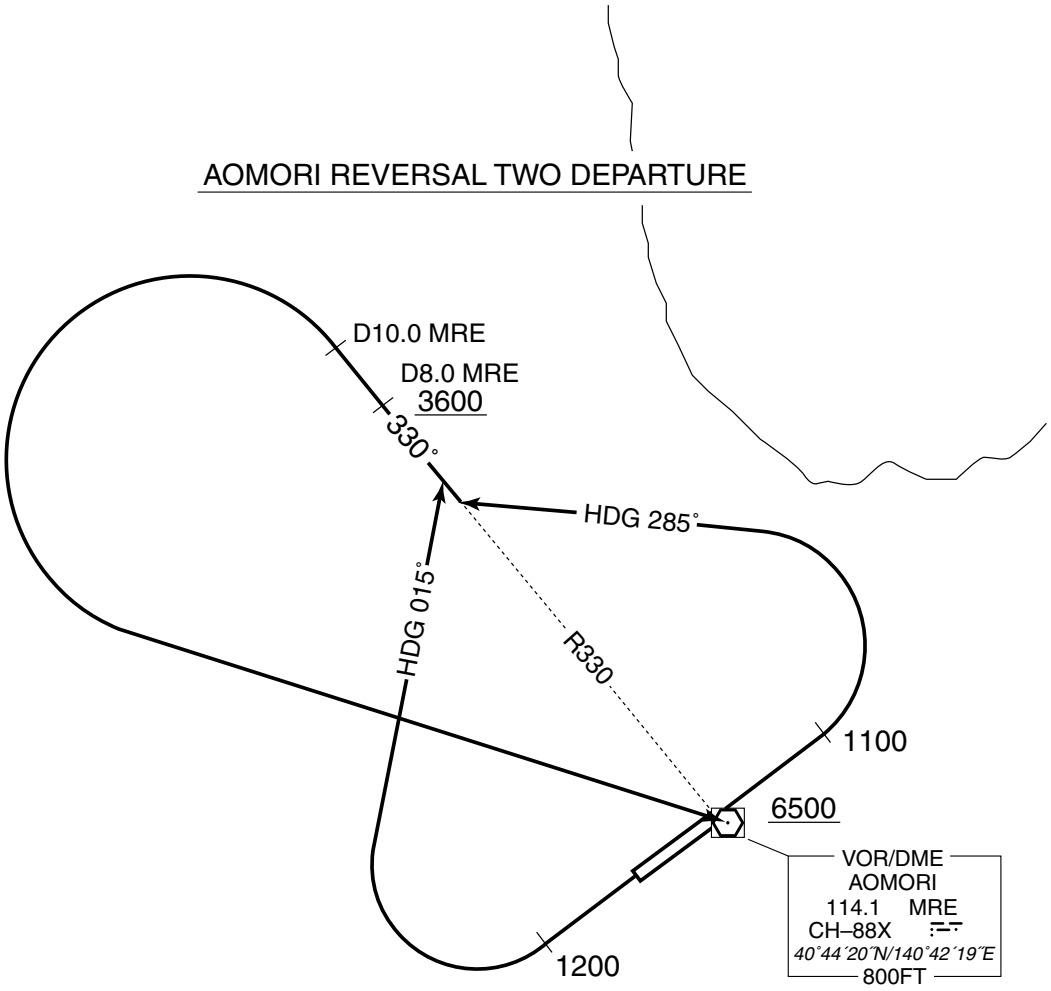
STANDARD DEPARTURE CHART-INSTRUMENT

RJSA / AOMORI SID

AOMORI REVERSAL TWO DEPARTURE

RWY06 : Climb RWY HDG to 1100FT, turn left HDG 285˚...
RWY24 : Climb RWY HDG to 1200FT, turn right HDG 015˚...
...to intercept and proceed via MRE R330 to 10.0DME, turn left, direct to MRE VOR/DME.
Cross MRE R330/8.0DME at or above 3600FT, cross MRE VOR/DME at or above 6500FT.

Note RWY24 : 5.0% climb gradient required up to 1200FT.
OBST ALT 782FT located at 0.8NM 223˚ FM end of RWY24.



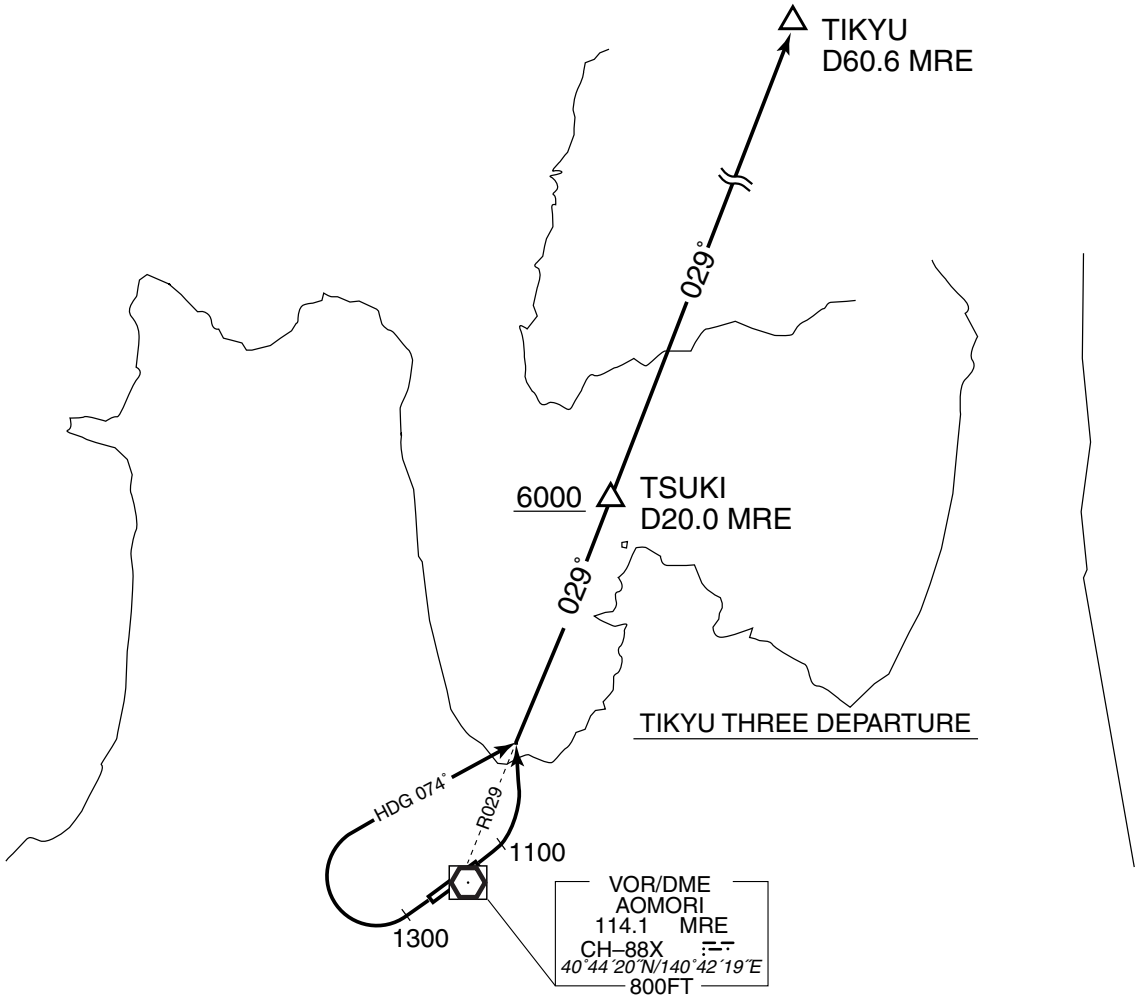
STANDARD DEPARTURE CHART-INSTRUMENT

RJSA / AOMORI SID

TIKYU THREE DEPARTURE

RWY06 : Climb RWY HDG to 1100FT, turn left,...
RWY24 : Climb RWY HDG to 1300FT, turn right HDG 074˚ to intercept and proceed...
...via MRE R029 to TIKYU via TSUKI.
Cross TSUKI at or above 6000FT.

Note RWY24 : 5.0% climb gradient required up to 1300FT.
OBST ALT 782FT located at 0.8NM 223˚ FM end of RWY24.

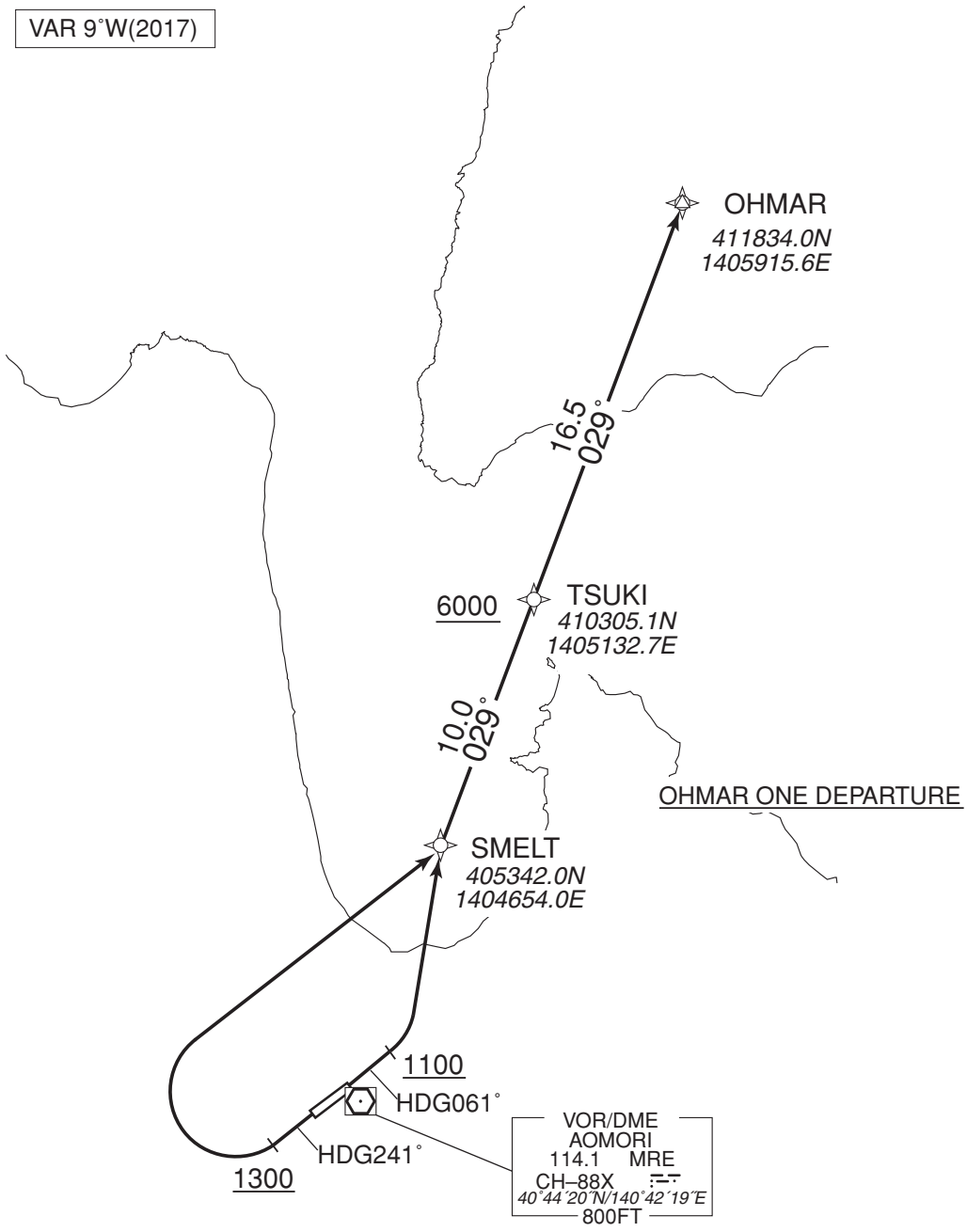


**STANDARD DEPARTURE CHART-INSTRUMENT**

RJSA / AOMORI RNAV SID

| OHMAR ONE DEPARTURE | Basic RNP1 |
|---|---|

Note GNSS required.




OHMAR ONE DEPARTURE

RWY06 : Climb on HDG061˚ at or above 1100FT, turn left direct to SMELT, to TSUKI at or above 6000FT, to OHMAR.

RWY24 : Climb on HDG241˚ at or above 1300FT, turn right direct to SMELT, to TSUKI at or above 6000FT, to OHMAR.

NOTE RWY24 : 5.0% climb gradient required up to 1300FT.
OBST ALT 782FT located at 0.8NM 223˚ FM end of RWY24.

**STANDARD DEPARTURE CHART-INSTRUMENT**

RJSA / AOMORI RNAV SID

## OHMAR ONE DEPARTURE

RWY06

| 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 | – | – | 061 (051.8) | -8.9 | – | – | +1100 | – | – | Basic RNP1 |
| 002 | DF | SMELT | – | – | -8.9 | – | L | – | – | – | Basic RNP1 |
| 003 | TF | TSUKI | – | 029 (020.5) | -8.9 | 10.0 | – | +6000 | – | – | Basic RNP1 |
| 004 | TF | OHMAR | – | 029 (020.5) | -8.9 | 16.5 | – | – | – | – | Basic RNP1 |

RWY24

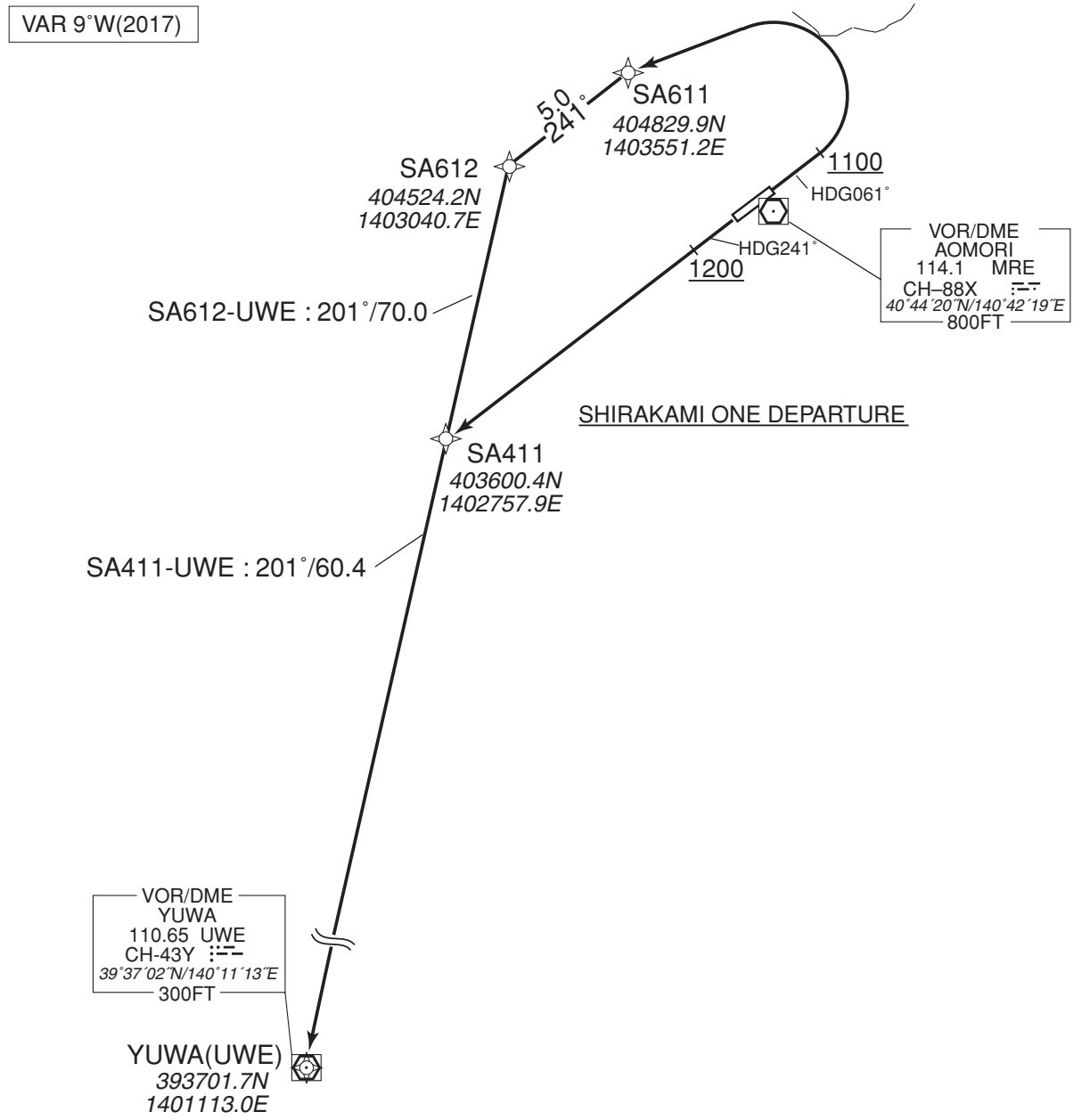
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course ˚M(˚T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | VA | – | – | 241 (231.8) | -8.9 | – | – | +1300 | – | – | Basic RNP1 |
| 002 | DF | SMELT | – | – | -8.9 | – | R | – | – | – | Basic RNP1 |
| 003 | TF | TSUKI | – | 029 (020.5) | -8.9 | 10.0 | – | +6000 | – | – | Basic RNP1 |
| 004 | TF | OHMAR | – | 029 (020.5) | -8.9 | 16.5 | – | – | – | – | Basic RNP1 |

**STANDARD DEPARTURE CHART-INSTRUMENT**

RJSA / AOMORI RNAV SID

| SHIRAKAMI ONE DEPARTURE | Basic RNP1 |
|---|---|

Note GNSS required.




SHIRAKAMI ONE DEPARTURE

RWY06 : Climb on HDG061˚ at or above 1100FT, turn left direct to SA611, to SA612, to UWE.

RWY24 : Climb on HDG241˚ at or above 1200FT, direct to SA411, to UWE.

NOTE RWY24 : 5.0% climb gradient required up to 1200FT.
OBST ALT 782FT located at 0.8NM 223˚ FM end of RWY24.

**STANDARD DEPARTURE CHART-INSTRUMENT**

RJSA / AOMORI RNAV SID

## SHIRAKAMI ONE DEPARTURE

RWY06

| 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 | – | – | 061 (051.8) | -8.9 | – | – | +1100 | – | – | Basic RNP1 |
| 002 | DF | SA611 | – | – | -8.9 | – | L | – | – | – | Basic RNP1 |
| 003 | TF | SA612 | – | 241 (231.7) | -8.9 | 5.0 | – | – | – | – | Basic RNP1 |
| 004 | TF | UWE | – | 201 (192.4) | -8.9 | 70.0 | – | – | – | – | Basic RNP1 |

RWY24

| 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 | – | – | 241 (231.8) | -8.9 | – | – | +1200 | – | – | Basic RNP1 |
| 002 | DF | SA411 | – | – | -8.9 | – | – | – | – | – | Basic RNP1 |
| 003 | TF | UWE | – | 201 (192.3) | -8.9 | 60.4 | – | – | – | – | Basic RNP1 |

**STANDARD ARRIVAL CHART-INSTRUMENT**

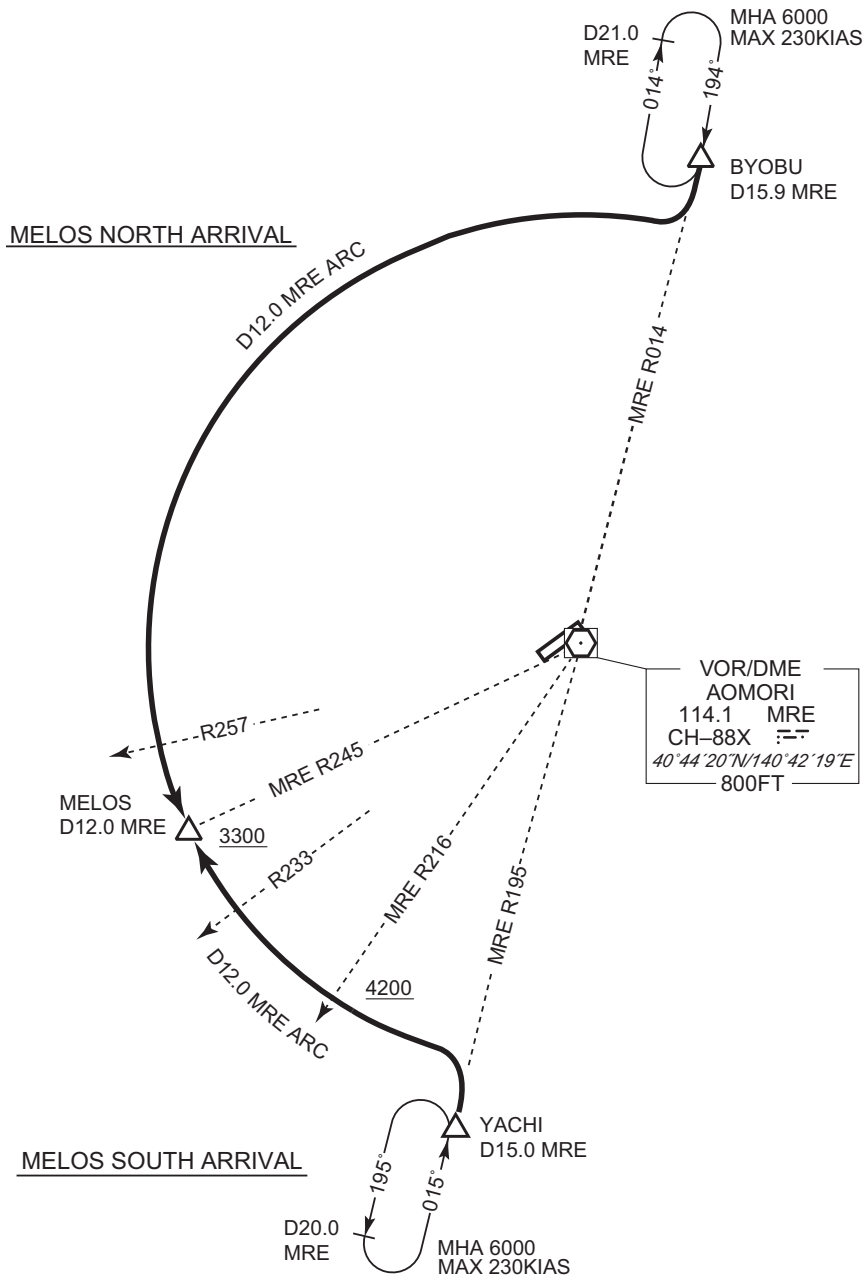
RJSA / AOMORI STAR

MELOS NORTH ARRIVAL

From over BYOBU, proceed via MRE 12.0DME counterclockwise ARC to MELOS.
Cross MELOS at or above 3300FT.

MELOS SOUTH ARRIVAL

From over YACHI, proceed via MRE 12.0DME clockwise ARC to MELOS.
Cross MRE R216 at or above 4200FT.
Cross MELOS at or above 3300FT.




CHANGE : HLDG pattern for BYOBU

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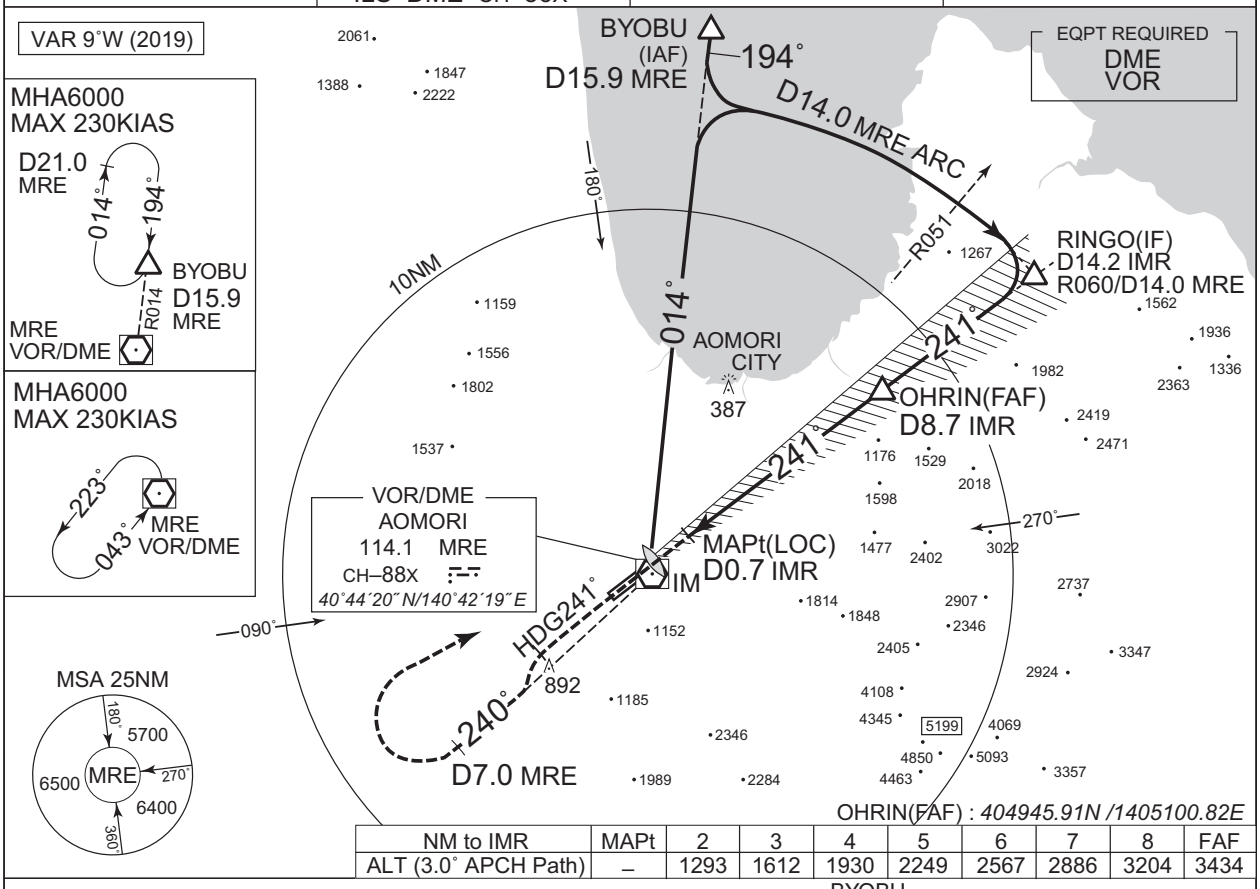
**INSTRUMENT APPROACH CHART**

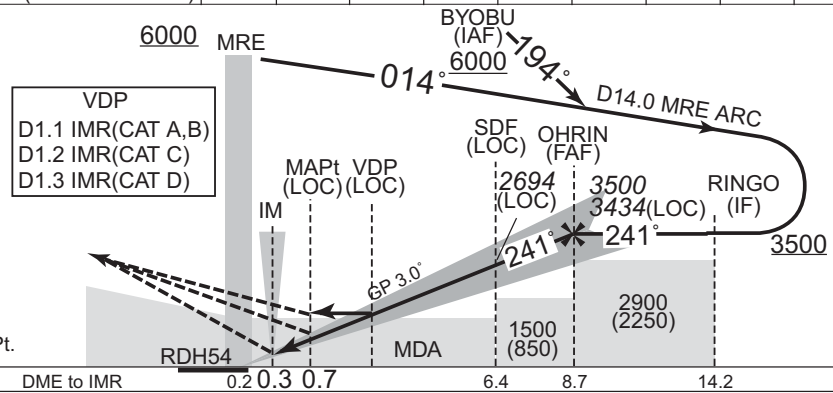
RJSA / AOMORI — ILS Z or LOC Z RWY24 (CAT Ⅱ&Ⅲ)

| SAPPORO CONTROL | ILS-LOC | AOMORI TOWER | NO RADAR |
|---|---|---|---|
| 127.575 – 315.3<br>120.575 – 277.1 | 111.9 IMR<br>ILS–GP 331.1<br>ILS–DME CH–56X | 118.3 – 126.2 | |




| NM to IMR | MAPt | 2 | 3 | 4 | 5 | 6 | 7 | 8 | FAF |
|---|---|---|---|---|---|---|---|---|---|
| ALT (3.0˚ APCH Path) | – | 1293 | 1612 | 1930 | 2249 | 2567 | 2886 | 3204 | 3434 |

MISSED APPROACH
Climb on HDG241˚ to 1200FT,
via MRE R240 to MRE 7.0DME,
turn right, direct to MRE
VOR/DME and hold at 6000FT.
Contact AOMORI TOWER.




Timing not authorized for defining the MAPt.

| DME to IMR | | 0.2 | 0.3 | 0.7 | 6.4 | 8.7 | 14.2 |
|---|---|---|---|---|---|---|---|
| NM to THR | | 0 | 0.1 | 0.5 | 6.2 | 8.5 | 14.0 |

Missed APCH climb gradient MNM 4.0%

MINIMA THR elev. 664 AD elev. 650

| CAT | CAT Ⅲ | CAT Ⅱ | | | CAT Ⅰ | | LOC | | CIRCLING | |
|---|---|---|---|---|---|---|---|---|---|---|
| | RVR | DA(DH) | RA | RVR | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 100 | 764 (100) | 92 | 300 | 864 (200) | 550 | 990 (340) | 900 | 1220 (570) | 1600 |
| B | | | | | | | 1010 (360) | 1000 | | |
| C | | | | | | | 1030 (380) | | | 2400 |
| D | | | | | | | 1050 (400) | 1400 | | 3200 |

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

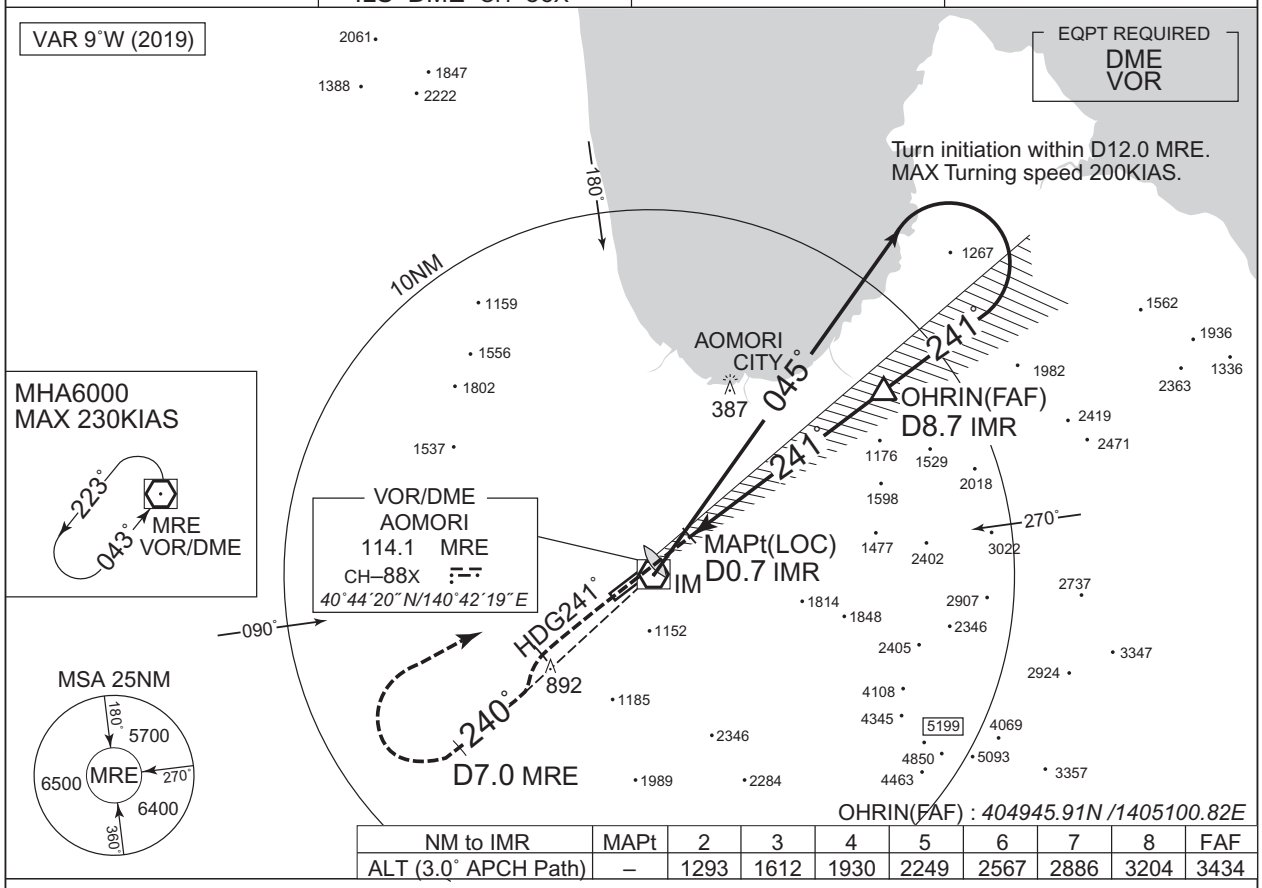
CHANGE: MINIMA(CAT ⅢA, ⅢB → CAT Ⅲ).

**INSTRUMENT APPROACH CHART**

RJSA / AOMORI

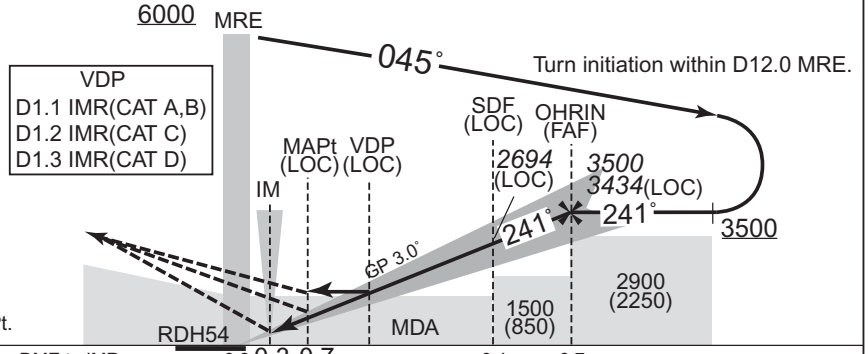
ILS Y or LOC Y RWY24 (CAT Ⅱ & Ⅲ)

| SAPPORO CONTROL | ILS-LOC | AOMORI TOWER | NO RADAR |
|---|---|---|---|
| 127.575 – 315.3<br>120.575 – 277.1 | 111.9 IMR<br>ILS–GP 331.1<br>ILS–DME CH–56X | 118.3 – 126.2 | |




| NM to IMR | MAPt | 2 | 3 | 4 | 5 | 6 | 7 | 8 | FAF |
|---|---|---|---|---|---|---|---|---|---|
| ALT (3.0° APCH Path) | – | 1293 | 1612 | 1930 | 2249 | 2567 | 2886 | 3204 | 3434 |

MISSED APPROACH
Climb on HDG241° to 1200FT,
via MRE R240 to MRE 7.0DME,
turn right, direct to MRE
VOR/DME and hold at 6000FT.
Contact AOMORI TOWER.




Timing not authorized for defining the MAPt.

| DME to IMR | 0.2 | 0.3 | 0.7 | | | 6.4 | 8.7 |
|---|---|---|---|---|---|---|---|
| NM to THR | 0 | 0.1 | 0.5 | | | 6.2 | 8.5 |

Missed APCH climb gradient MNM 4.0%

MINIMA THR elev. 664 AD elev. 650

| CAT | CAT Ⅲ | CAT Ⅱ | | | CAT Ⅰ | | LOC | | CIRCLING | |
|---|---|---|---|---|---|---|---|---|---|---|
| | RVR | DA(DH) | RA | RVR | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 100 | 764 (100) | 92 | 300 | 864 (200) | 550 | 990 (340) | 900 | 1220 (570) | 1600 |
| B | | | | | | | 1010 (360) | 1000 | | |
| C | | | | | | | 1030 (380) | | | 2400 |
| D | | | | | | | 1050 (400) | 1400 | | 3200 |

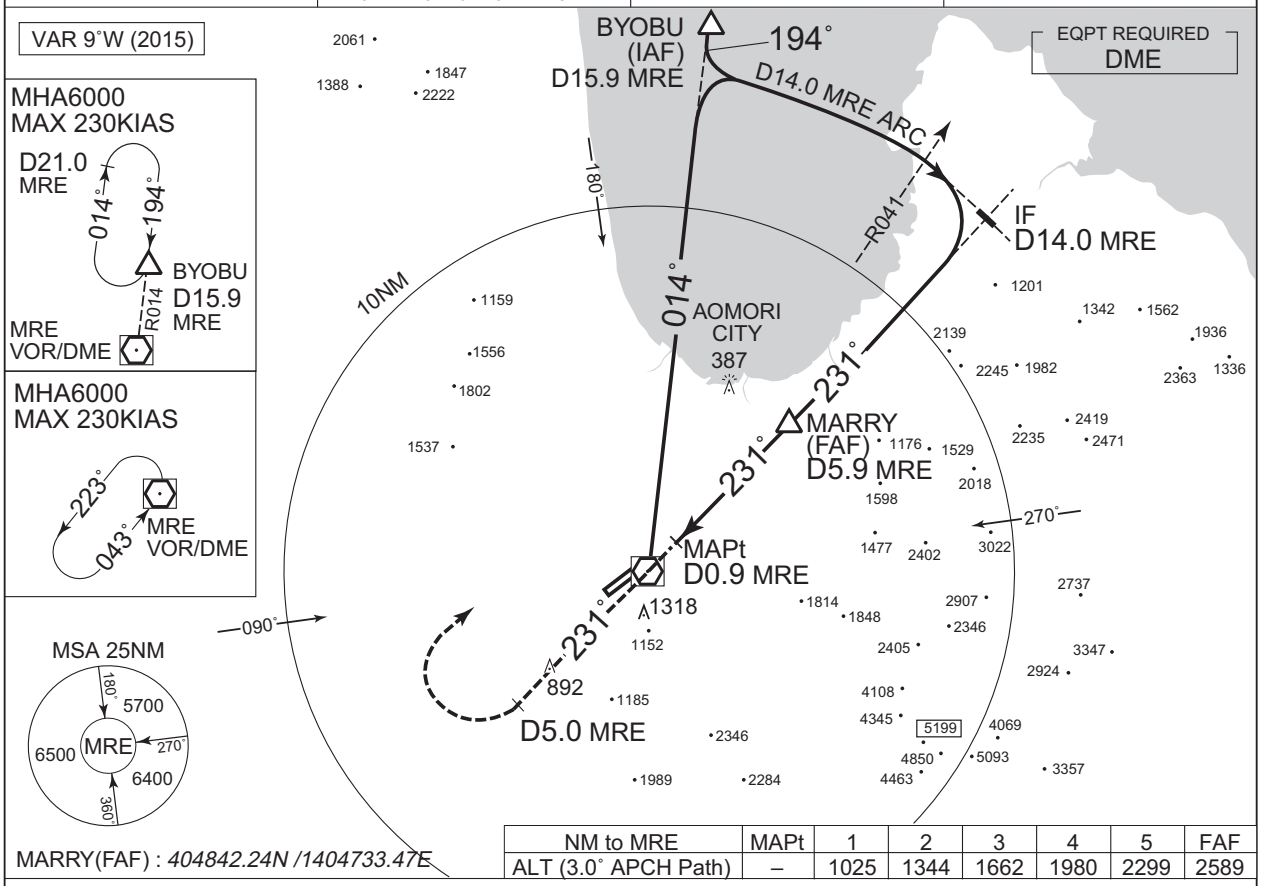
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to NORTH side of RWY only.

CHANGE: MINIMA(CAT ⅢA, ⅢB → CAT Ⅲ).

**INSTRUMENT APPROACH CHART**

RJSA / AOMORI — VOR RWY24

| SAPPORO CONTROL | AOMORI VOR/DME | AOMORI TOWER | NO RADAR |
|---|---|---|---|
| 127.575 – 315.3<br>120.575 – 277.1 | 114.1 MRE<br>CH – 88X<br>*40°44′20″N/140°42′19″E* | 118.3 –126.2 | |



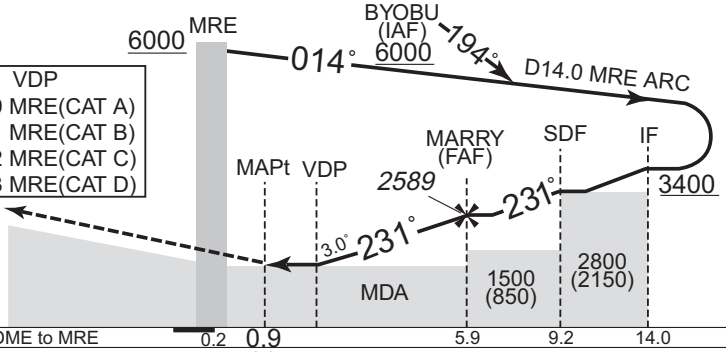

MARRY(FAF) : *404842.24N /1404733.47E*

| NM to MRE | MAPt | 1 | 2 | 3 | 4 | 5 | FAF |
|---|---|---|---|---|---|---|---|
| ALT (3.0° APCH Path) | – | 1025 | 1344 | 1662 | 1980 | 2299 | 2589 |

MISSED APPROACH

Climb to 6000FT via MRE
R231 to MRE 5.0DME, turn
right, direct to MRE
VOR/DME and hold.
Contact AOMORI TOWER.

| VDP |
|---|
| D0.9 MRE(CAT A) |
| D1.1 MRE(CAT B) |
| D1.2 MRE(CAT C) |
| D1.3 MRE(CAT D) |




Timing not authorized for defining the MAPt.

| DME to MRE | 0.2 | 0.9 | 5.9 | 9.2 | 14.0 |
|---|---|---|---|---|---|
| NM to THR | 0 | 0.9 | 5.9 | 9.2 | 14.0 |

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 664 AD elev. 650

| CAT | | | CIRCLING | |
|---|---|---|---|---|
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 990 (340) | 900 | 1220 (570) | 1600 |
| B | 1030 (380) | 1000 | | |
| C | 1070 (420) | | | 2400 |
| D | 1110 (460) | 1600 | | 3200 |

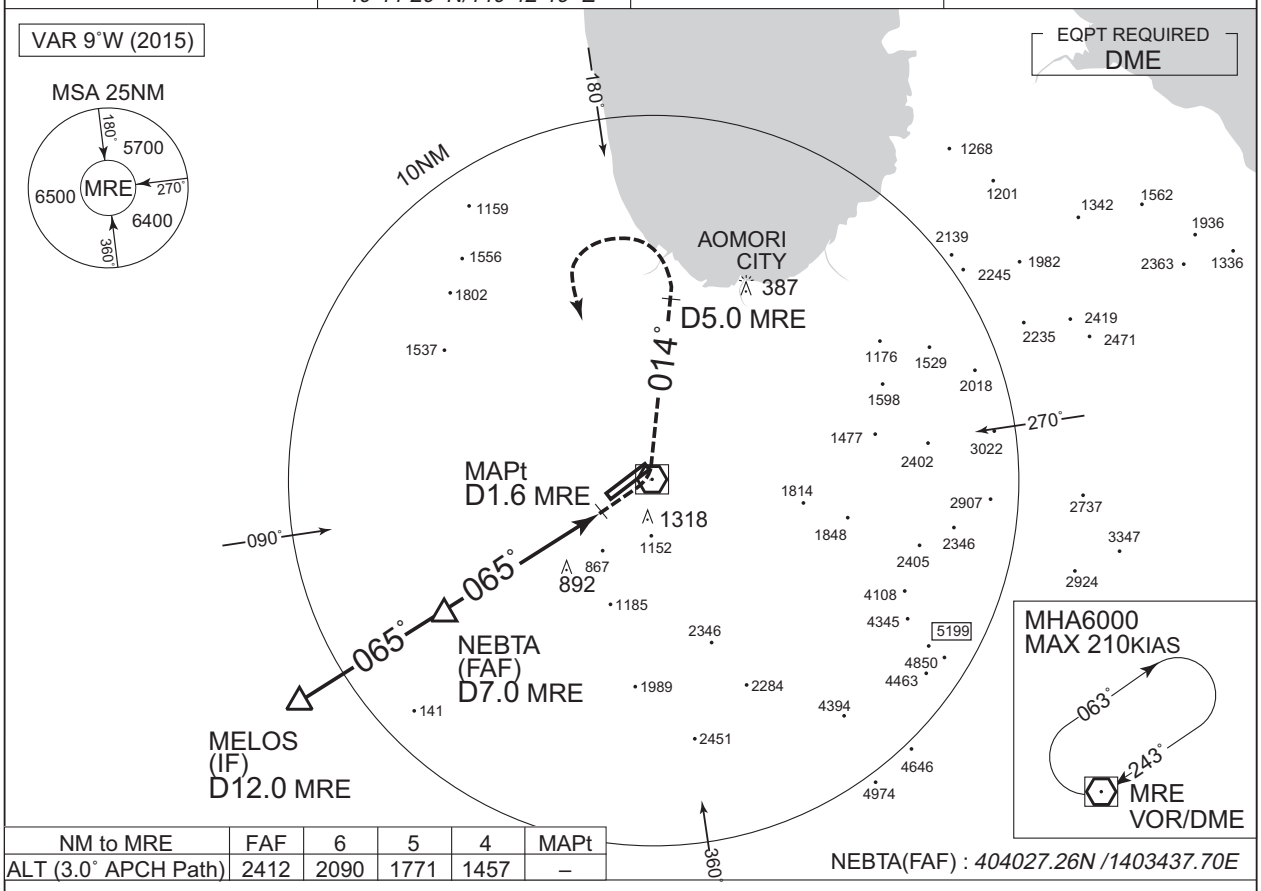
MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to NORTH side of RWY only.

CHANGE : HLDG pattern for BYOBU

**INSTRUMENT APPROACH CHART**

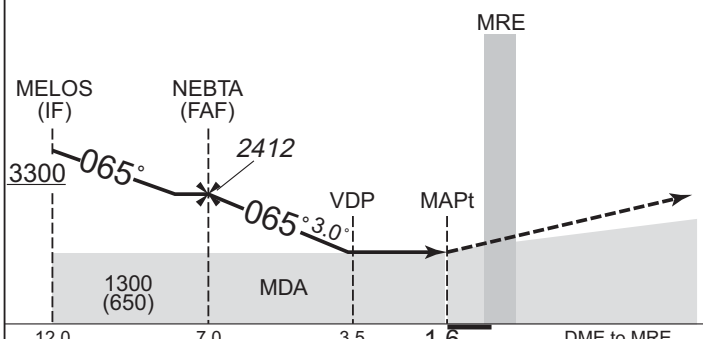
RJSA / AOMORI — VOR Z RWY06

| SAPPORO CONTROL | AOMORI VOR/DME | AOMORI TOWER | NO RADAR |
|---|---|---|---|
| 127.575 – 315.3<br>120.575 – 277.1 | 114.1 MRE<br>CH – 88X<br>*40˚44´20˝N/140˚42´19˝E* | 118.3 – 126.2 | |




| NM to MRE | FAF | 6 | 5 | 4 | MAPt |
|---|---|---|---|---|---|
| ALT (3.0˚ APCH Path) | 2412 | 2090 | 1771 | 1457 | – |

NEBTA(FAF) : *404027.26N /1403437.70E*




| 12.0 | 7.0 | 3.5 | 1.6 | DME to MRE |
|---|---|---|---|---|
| 10.4 | 5.4 | 1.9 | 0 | NM to THR |

MISSED APPROACH
Turn left, climb to 6000FT via MRE
R014 to MRE 5.0DME, turn left,
direct to MRE VOR/DME and hold.
Contact AOMORI TOWER.

Timing not authorized for defining the MAPt.

CHANGE : HLDG pattern for MRE VOR/DME

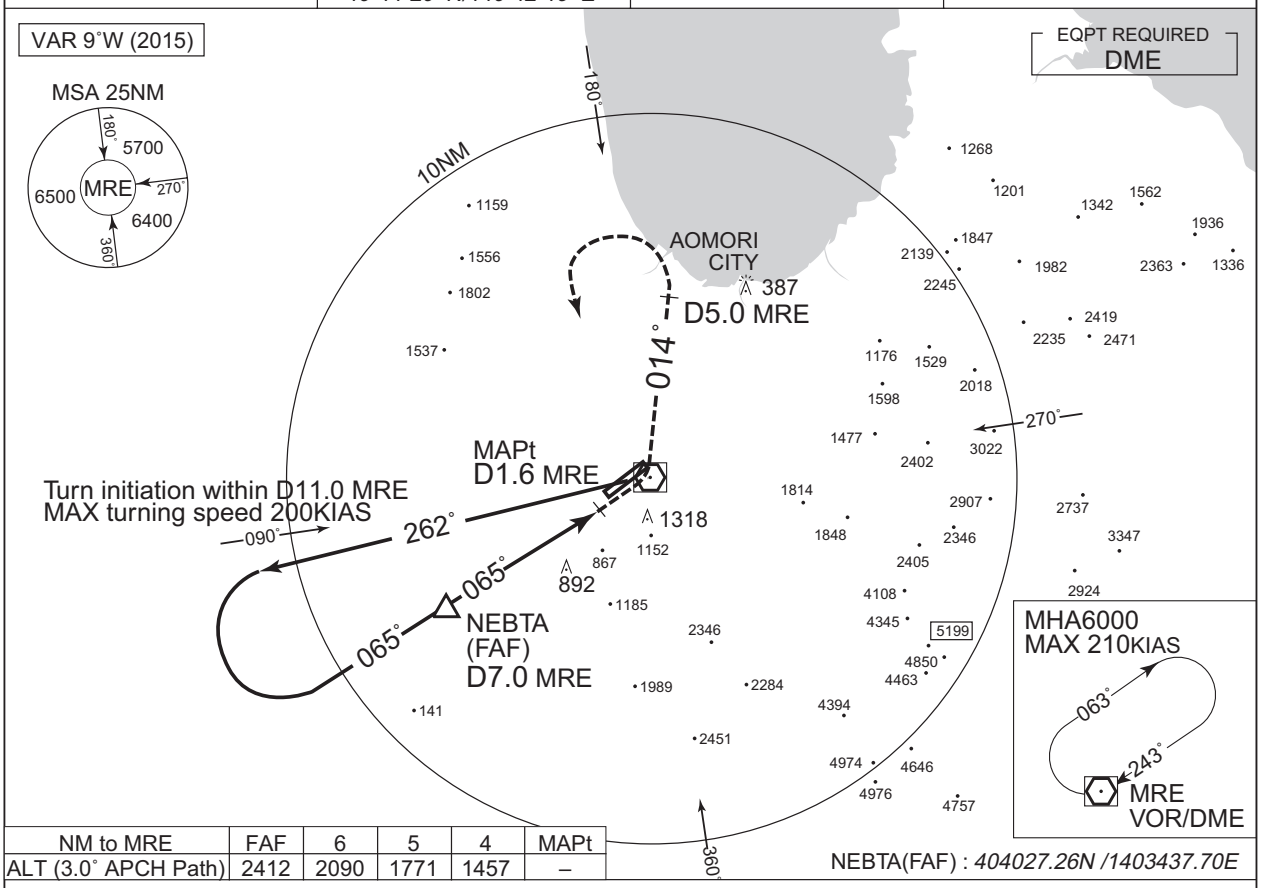
| MINIMA | THR elev. 647 | | AD elev. 650 | |
|---|---|---|---|---|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 1300 (650) | 1500 | 1300 (650) | 1600 |
| B | | | | |
| C | | 1800 | | 2400 |
| D | | 2000 | | 3200 |

Circling to NORTH side of RWY only.

**INSTRUMENT APPROACH CHART**

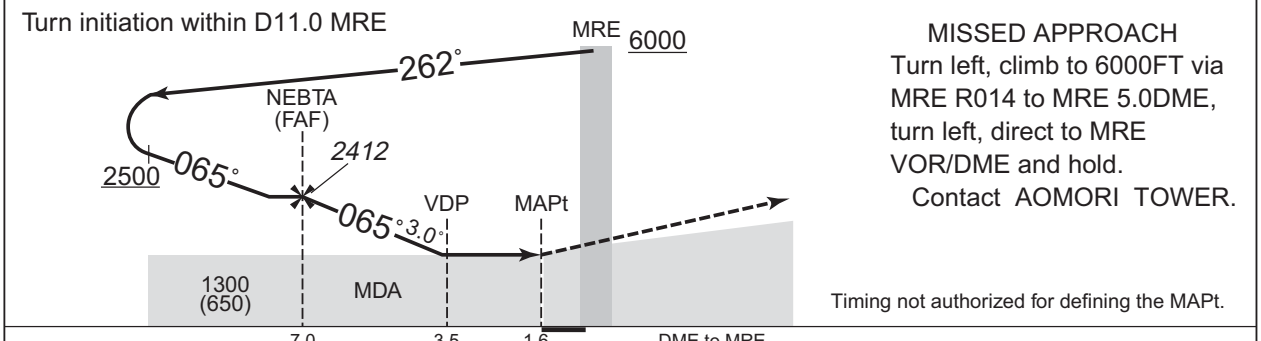
RJSA / AOMORI — VOR Y RWY06

| SAPPORO CONTROL | AOMORI VOR/DME | AOMORI TOWER | NO RADAR |
|---|---|---|---|
| 127.575 – 315.3<br>120.575 – 277.1 | 114.1 MRE<br>CH – 88X<br>*40°44′20″N/140°42′19″E* | 118.3 – 126.2 | |




| NM to MRE | FAF | 6 | 5 | 4 | MAPt |
|---|---|---|---|---|---|
| ALT (3.0° APCH Path) | 2412 | 2090 | 1771 | 1457 | – |

NEBTA(FAF) : *404027.26N /1403437.70E*




MISSED APPROACH
Turn left, climb to 6000FT via MRE R014 to MRE 5.0DME, turn left, direct to MRE VOR/DME and hold.
Contact AOMORI TOWER.

Timing not authorized for defining the MAPt.

| | | | |
|---|---|---|---|
| 7.0 | 3.5 | 1.6 | DME to MRE |
| 5.4 | 1.9 | 0 | NM to THR |

CHANGE : HLDG pattern for MRE VOR/DME

MINIMA THR elev. 647 AD elev. 650

| CAT | | | CIRCLING | |
|---|---|---|---|---|
| | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 1300 (650) | 1500 | 1300 (650) | 1600 |
| B | | | | |
| C | | 1800 | | 2400 |
| D | | 2000 | | 3200 |

Circling to NORTH side of RWY only.

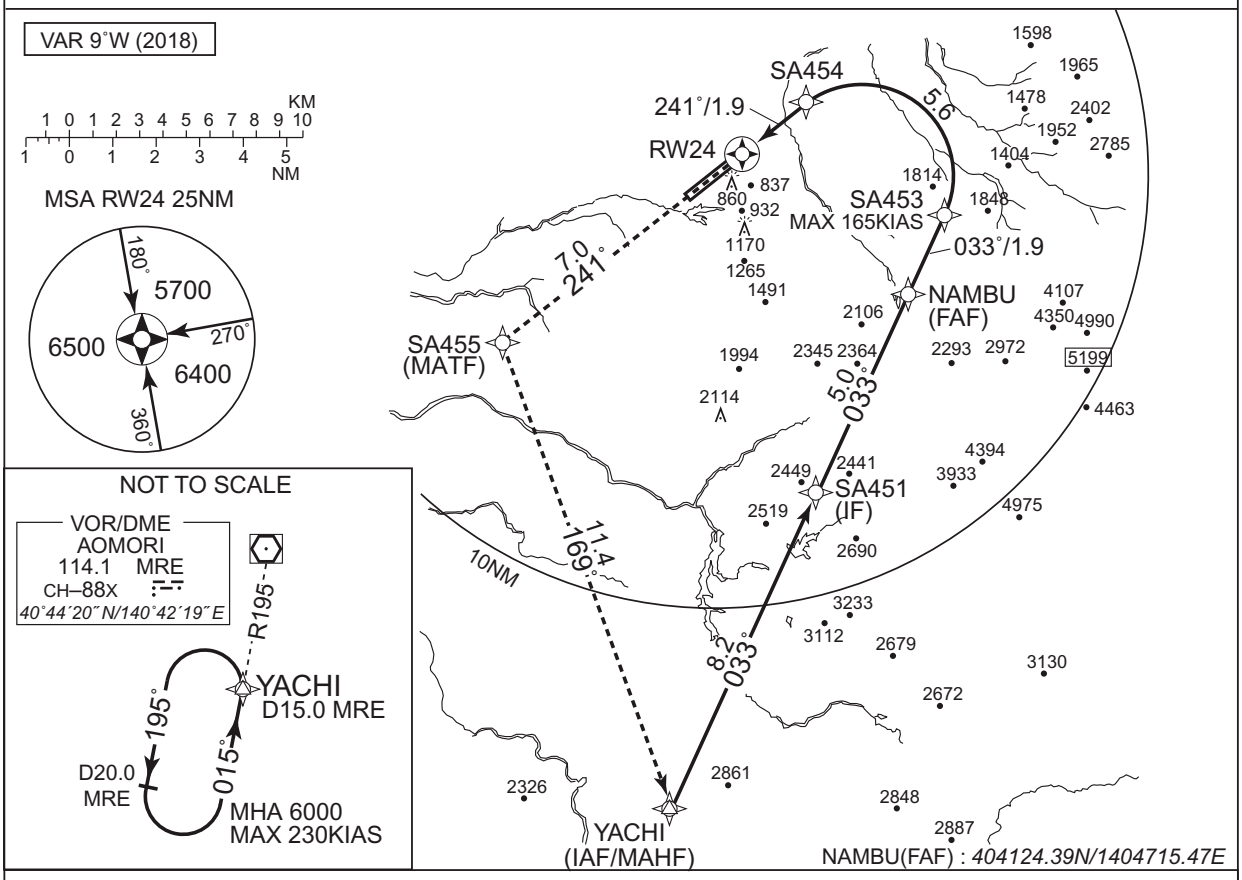
**INSTRUMENT APPROACH CHART**

RJSA / AOMORI

RNP Z RWY24(AR)

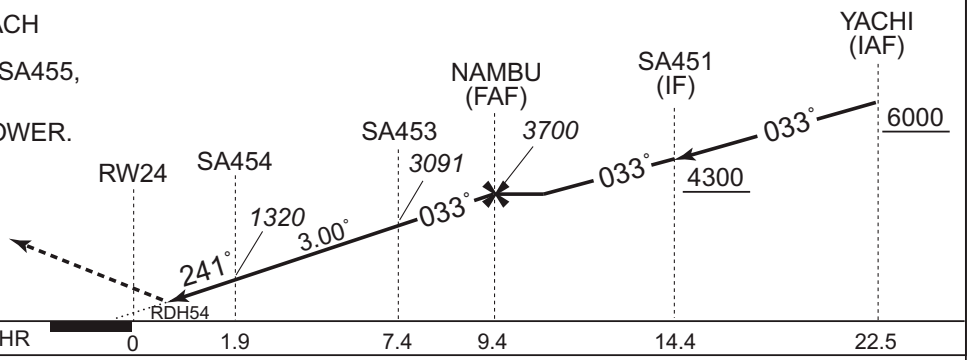
| SAPPORO CONTROL<br>127.575 – 315.3<br>120.575 – 277.1 | RNP AR<br>RF required | AOMORI TOWER<br>118.3 –126.2 | NO RADAR |
|---|---|---|---|

For uncompensated Baro-VNAV systems, procedure not authorized below -20˚C / above 45˚C




MISSED APPROACH

Climb to 6000FT, to SA455,
to YACHI and hold.
Contact AOMORI TOWER.




Missed APCH climb gradient MNM 5.0%

| MINIMA | THR elev. 664 | | AD elev. 650 | |
|---|---|---|---|---|
| CAT | RNP 0.10 | | RNP 0.30 | |
| | DA(H) | RVR/CMV | DA(H) | RVR/CMV |
| A<br>B | – | – | – | – |
| C | 984(320) | 1000 | 1063(399) | 1000 |
| D | 994(330) | 1400 | 1073(409) | 1400 |

Authorization Required

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

CHANGE:PROC renamed. Requirement for RNP.

**INSTRUMENT APPROACH CHART**

RJSA / AOMORI

RNP Z RWY24(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 | YACHI | – | – | -9.0 | – | – | +6000 | – | – | – |
| 002 | TF | SA451 | – | 033 (024.4) | -9.0 | 8.2 | – | +4300 | – | – | 1.0 |
| 003 | TF | NAMBU | – | 033 (024.5) | -9.0 | 5.0 | – | 3700 | – | – | 1.0 |
| 004 | TF | SA453 | – | 033 (024.5) | -9.0 | 1.9 | – | 3091 | -165 | -3.00 | 0.10<br>0.30 |
| 005 | RF Center: SARF1 r=2.09NM | SA454 | – | – | -9.0 | 5.6 | L | 1320 | – | -3.00 | 0.10<br>0.30 |
| 006 | TF | RW24 | Y | 241 (231.8) | -9.0 | 1.9 | – | 718 | – | -3.00/54 | 0.10<br>0.30 |
| 007 | TF | SA455 | – | 241 (231.8) | -9.0 | 7.0 | – | – | – | – | 1.0 |
| 008 | TF | YACHI | – | 169 (159.7) | -9.0 | 11.4 | – | 6000 | – | – | 1.0 |

## Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---|---|---|---|
| YACHI | *402925.44N/1404004.97E* | SARF1 | *404400.99N/1404548.34E* |
| SA451 | *403651.24N/1404431.58E* | | |
| NAMBU | *404124.39N/1404715.47E* | | |
| SA453 | *404308.85N/1404818.25E* | | |
| SA454 | *404539.74N/1404406.71E* | | |
| RW24 | *404429.79N/1404209.27E* | | |
| SA455 | *404008.45N/1403451.64E* | | |

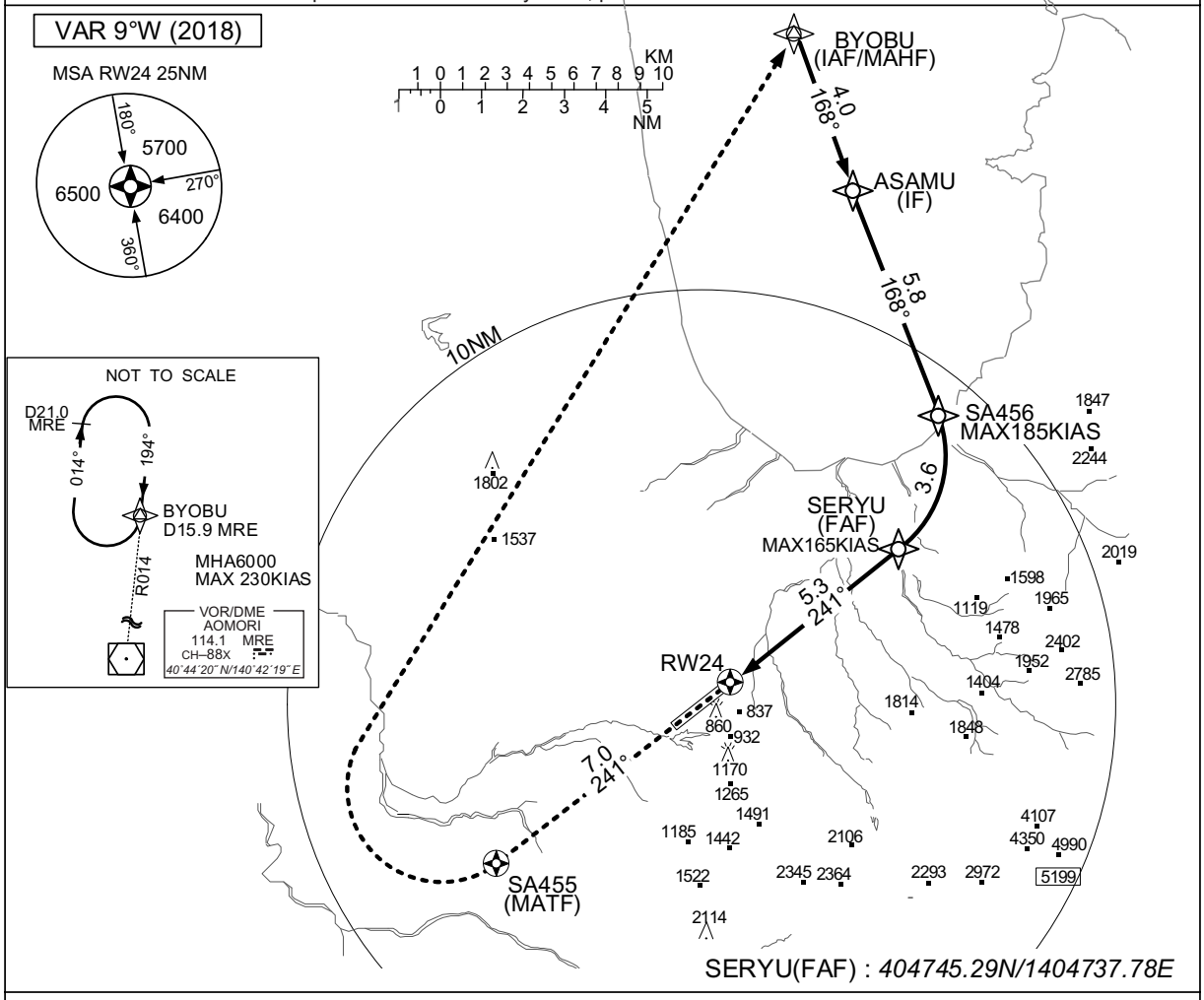
CHANGE:PROC renamed.

**INSTRUMENT APPROACH CHART**

RJSA / AOMORI — RNP Y RWY24(AR)

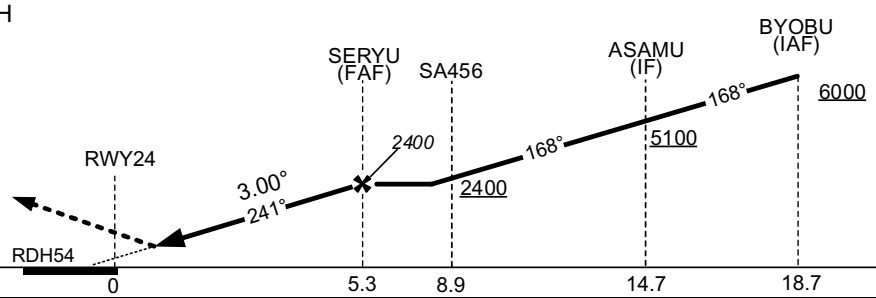
| SAPPORO CONTROL<br>127.575 – 315.3<br>120.575 – 277.1 | RNP AR<br>RF required | AOMORI TOWER<br>118.3 –126.2 | NO RADAR |
|---|---|---|---|

For uncompensated Baro-VNAV systems, procedure not authorized below -20˚C / above 45˚C




MISSED APPROACH

To SA455 on track 241°,
turn right direct to BYOBU
and hold at 6000FT.
Contact AOMORI TOWER.




Missed APCH climb gradient MNM 5.0%

| MINIMA | THR elev. 664 | | AD elev. 650 | |
|---|---|---|---|---|
| CAT | RNP 0.10 | | RNP 0.30 | |
| | DA(H) | RVR/CMV | DA(H) | RVR/CMV |
| A | – | – | – | – |
| B | | | | |
| C | 984(320) | 1000 | 1063(399) | 1000 |
| D | 994(330) | 1400 | 1073(409) | 1400 |

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

Authorization Required

CHANGE:PROC renamed. Requirement for RNP.

**INSTRUMENT APPROACH CHART**

RJSA / AOMORI RNP Y RWY24(AR)

CHANGE:PROC renamed.

## 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 | BYOBU | — | — | -9.0 | — | — | +6000 | — | — | — |
| 002 | TF | ASAMU | — | 168 (159.3) | -9.0 | 4.0 | — | +5100 | — | — | 1.0 |
| 003 | TF | SA456 | — | 168 (159.3) | -9.0 | 5.8 | — | +2400 | -185 | — | 0.3 |
| 004 | RF Center: SARF3 r=2.83NM | SERYU | — | — | -9.0 | 3.6 | R | 2400 | -165 | — | 0.3 |
| 005 | TF | RW24 | Y | 241 (231.9) | -9.0 | 5.3 | — | 718 | — | -3.00/54 | 0.10<br>0.30 |
| 006 | CF | SA455 | Y | 241 (231.8) | -9.0 | 7.0 | — | — | — | — | 1.0 |
| 007 | DF | BYOBU | — | — | -9.0 | — | R | 6000 | — | — | 1.0 |

## Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---|---|---|---|
| BYOBU | *410009.54N/1404414.25E* | SARF3 | *404959.39N/1404519.70E* |
| ASAMU | *405624.95N/1404606.79E* | | |
| SA456 | *405059.78N/1404849.32E* | | |
| SERYU | *404745.29N/1404737.78E* | | |
| RW24 | *404429.79N/1404209.27E* | | |
| SA455 | *404008.45N/1403451.64E* | | |

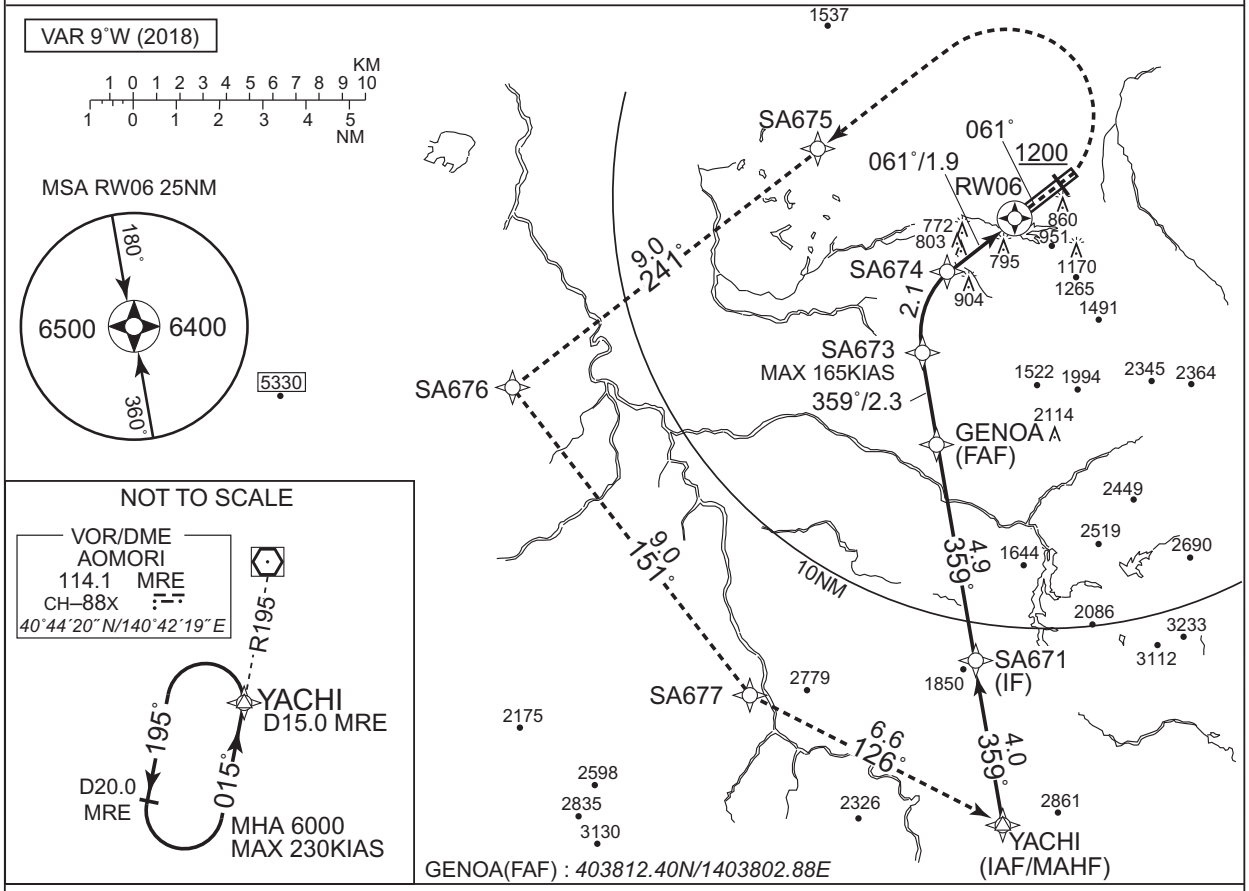
**INSTRUMENT APPROACH CHART**

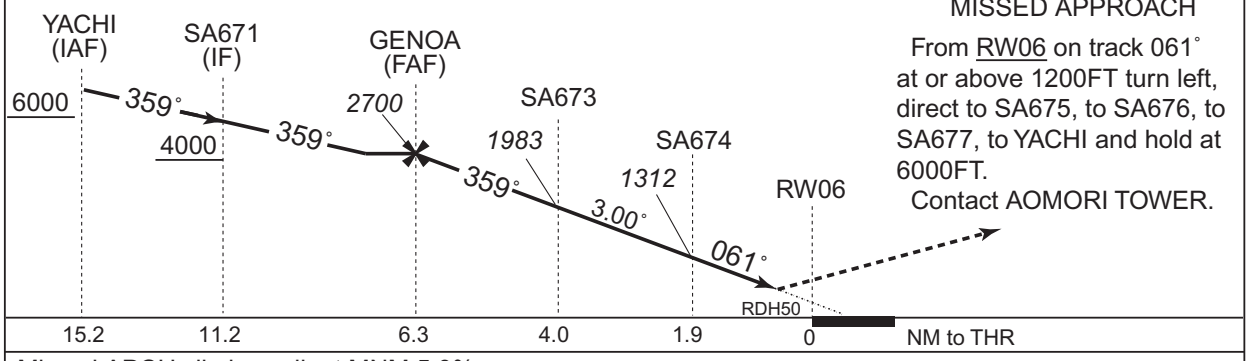
RJSA / AOMORI

RNP Z RWY06(AR)

| SAPPORO CONTROL<br>127.575 – 315.3<br>120.575 – 277.1 | RNP AR<br>RF required | AOMORI TOWER<br>118.3 –126.2 | NO RADAR |
|---|---|---|---|

For uncompensated Baro-VNAV systems, procedure not authorized below -20˚C / above 45˚C




MISSED APPROACH

From RW06 on track 061˚ at or above 1200FT turn left, direct to SA675, to SA676, to SA677, to YACHI and hold at 6000FT.

Contact AOMORI TOWER.

Missed APCH climb gradient MNM 5.0%

| MINIMA | THR elev. 647 | | AD elev. 650 | |
|---|---|---|---|---|
| CAT | RNP 0.10 | | RNP 0.30 | |
| | DA(H) | RVR/CMV | DA(H) | RVR/CMV |
| A | – | – | – | – |
| B | | | | |
| C | 1004(357) | 1400 | 1039(392) | 1400 |
| D | 1014(367) | 1600 | 1049(402) | 1600 |

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

Authorization Required

CHANGE:PROC renamed. Requirement for RNP.

**INSTRUMENT APPROACH CHART**

RJSA / AOMORI

RNP Z RWY06(AR)

CHANGE:PROC renamed.

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 | YACHI | – | – | -9.0 | – | – | +6000 | – | – | – |
| 002 | TF | SA671 | – | 359 (350.0) | -9.0 | 4.0 | – | +4000 | – | – | 1.0 |
| 003 | TF | GENOA | – | 359 (350.0) | -9.0 | 4.9 | – | 2700 | – | – | 1.0 |
| 004 | TF | SA673 | – | 359 (350.0) | -9.0 | 2.3 | – | 1983 | -165 | -3.00 | 0.10<br>0.30 |
| 005 | RF Center: SARF2 r=1.95NM | SA674 | – | – | -9.0 | 2.1 | R | 1312 | – | -3.00 | 0.10<br>0.30 |
| 006 | TF | RW06 | Y | 061 (051.8) | -9.0 | 1.9 | – | 697 | – | -3.00/50 | 0.10<br>0.30 |
| 007 | FA | – | – | 061 (051.8) | -9.0 | – | – | +1200 | – | – | 1.0 |
| 008 | DF | SA675 | – | – | -9.0 | – | L | – | – | – | 1.0 |
| 009 | TF | SA676 | – | 241 (231.7) | -9.0 | 9.0 | – | – | – | – | 1.0 |
| 010 | TF | SA677 | – | 151 (141.8) | -9.0 | 9.0 | – | – | – | – | 1.0 |
| 011 | TF | YACHI | – | 126 (117.1) | -9.0 | 6.6 | – | 6000 | – | – | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---|---|---|---|
| YACHI | *402925.44N/1404004.97E* | SARF2 | *404045.88N/1404003.56E* |
| SA671 | *403322.04N/1403910.22E* | | |
| GENOA | *403812.40N/1403802.88E* | | |
| SA673 | *404025.48N/1403731.96E* | | |
| SA674 | *404218.09N/1403828.52E* | | |
| RW06 | *404329.77N/1404028.61E* | | |
| SA675 | *404504.89N/1403421.94E* | | |
| SA676 | *403930.44N/1402503.91E* | | |
| SA677 | *403225.82N/1403222.79E* | | |

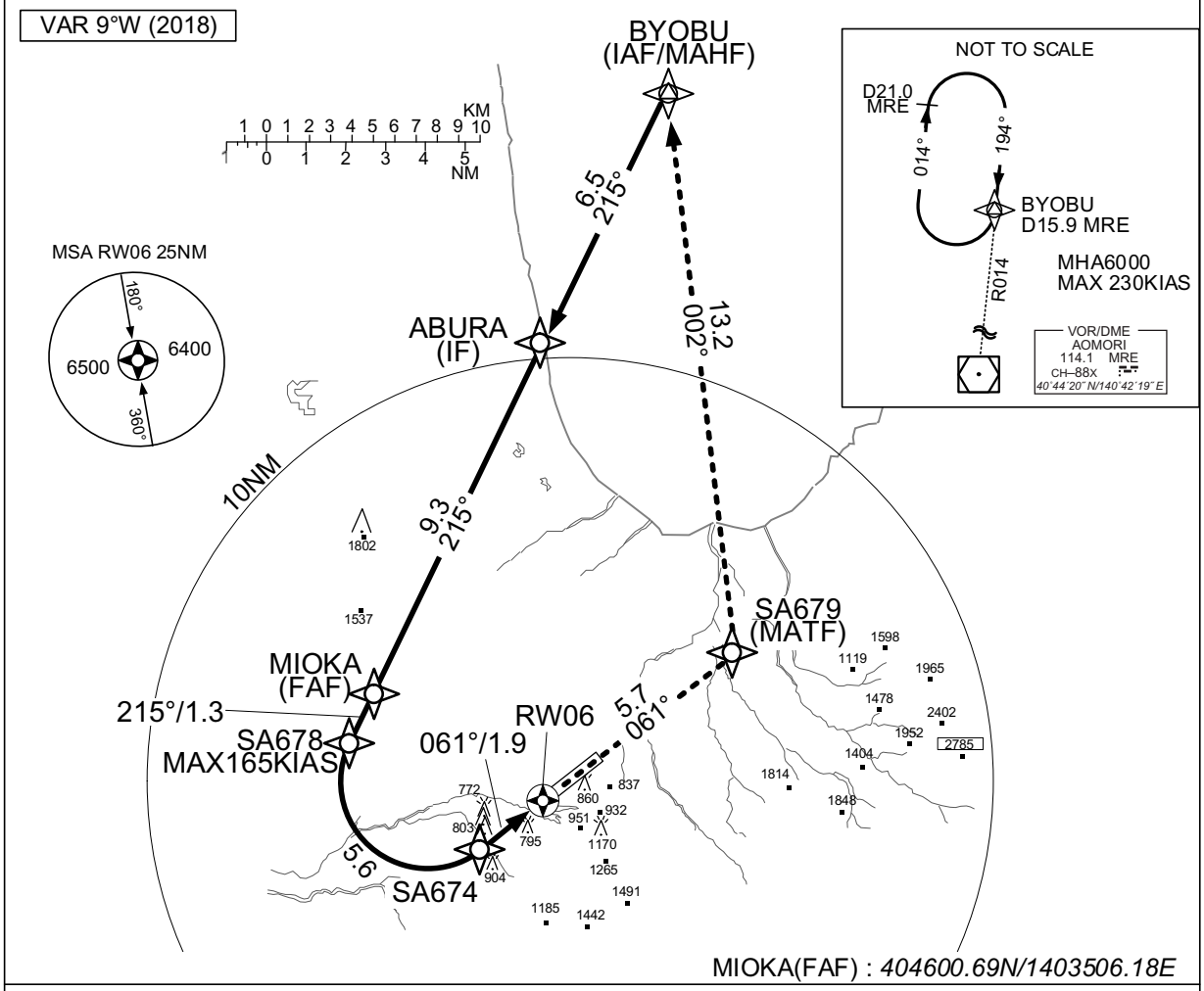
**INSTRUMENT APPROACH CHART**

RJSA / AOMORI

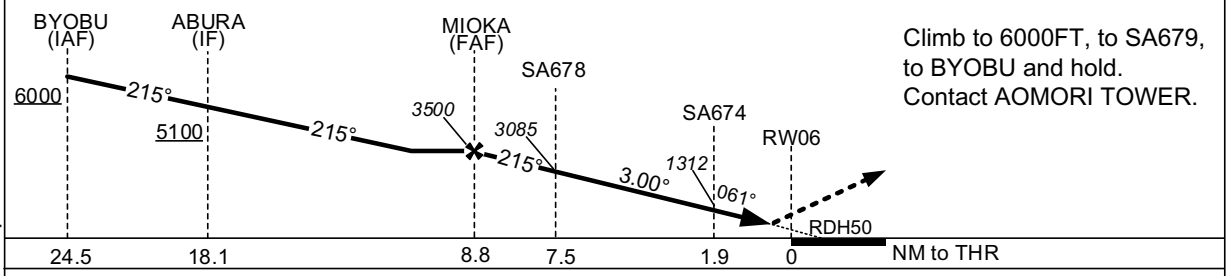
RNP Y RWY06(AR)

| | | | |
|---|---|---|---|
| SAPPORO CONTROL<br>127.575 – 315.3<br>120.575 – 277.1 | RNP AR<br>RF required | AOMORI TOWER<br>118.3 –126.2 | NO RADAR |

For uncompensated Baro-VNAV systems, procedure not authorized below -20˚C / above 45˚C




MIOKA(FAF) : *404600.69N/1403506.18E*




MISSED APPROACH

Climb to 6000FT, to SA679,
to BYOBU and hold.
Contact AOMORI TOWER.

Missed APCH climb gradient MNM 5.0%

| MINIMA | THR elev. 647 | | AD elev. 650 | |
|---|---|---|---|---|
| CAT | RNP 0.10 | | RNP 0.30 | |
| | DA(H) | RVR/CMV | DA(H) | RVR/CMV |
| A | – | – | – | – |
| B | | | | |
| C | 1004(357) | 1400 | 1039(392) | 1400 |
| D | 1014(367) | 1600 | 1049(402) | 1600 |

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

Authorization Required

CHANGE:PROC renamed. Requirement for RNP.

**INSTRUMENT APPROACH CHART**

RJSA / AOMORI RNP Y RWY06(AR)

CHANGE:PROC renamed.

## Coding Table

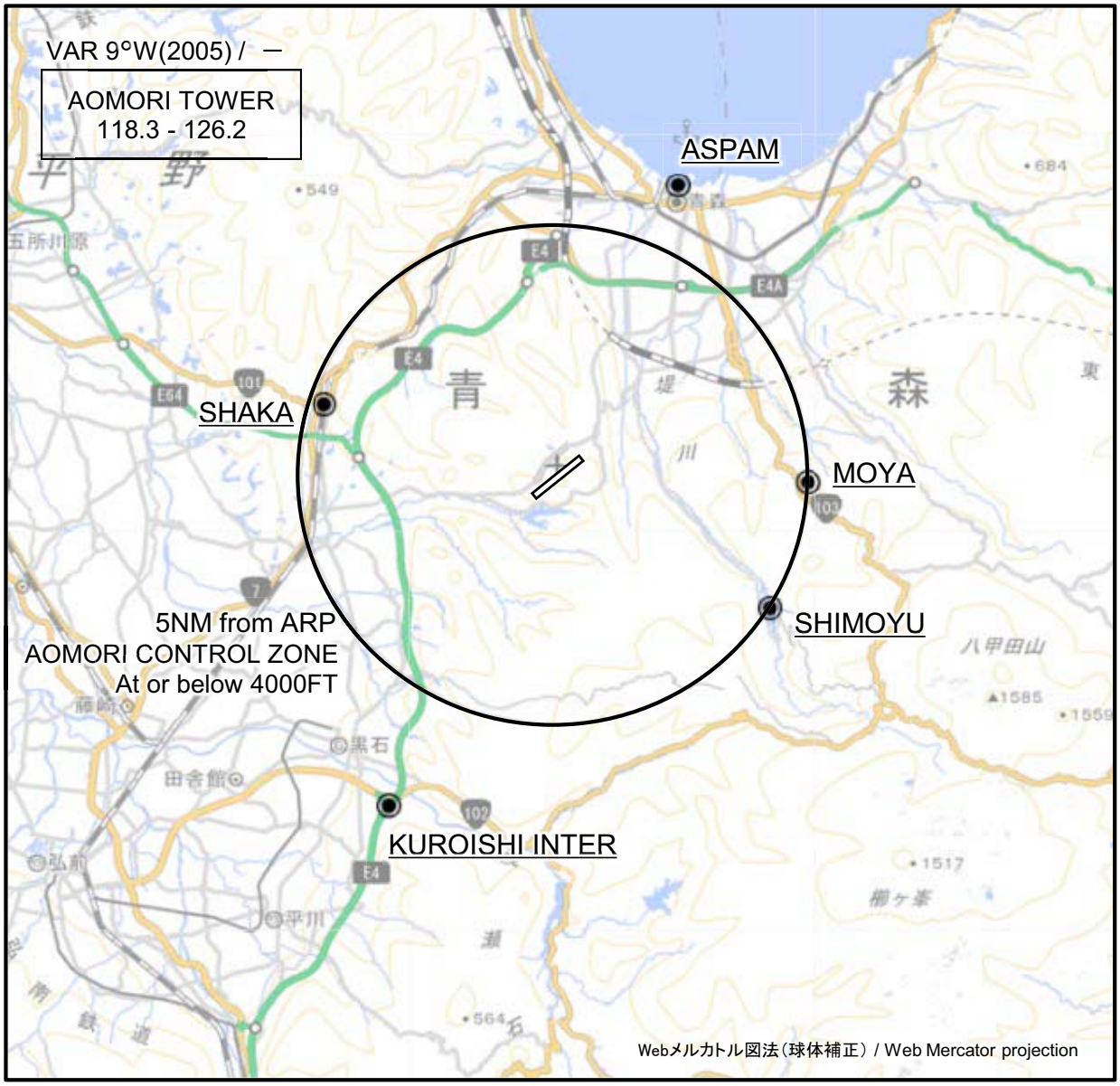
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | IF | BYOBU | — | — | -9.0 | — | — | +6000 | — | — | — |
| 002 | TF | ABURA | — | 215 (206.1) | -9.0 | 6.5 | — | +5100 | — | — | 1.0 |
| 003 | TF | MIOKA | — | 215 (206.0) | -9.0 | 9.3 | — | 3500 | — | — | 1.0 |
| 004 | TF | SA678 | — | 215 (206.0) | -9.0 | 1.3 | — | 3085 | -165 | -3.00 | 0.10<br>0.30 |
| 005 | RF Center: SARF4 r=2.07NM | SA674 | — | — | -9.0 | 5.6 | L | 1312 | — | -3.00 | 0.10<br>0.30 |
| 006 | TF | RW06 | Y | 061 (051.8) | -9.0 | 1.9 | — | 697 | — | -3.00/50 | 0.10<br>0.30 |
| 007 | TF | SA679 | — | 061 (051.8) | -9.0 | 5.7 | — | — | — | — | 1.0 |
| 008 | TF | BYOBU | — | 002 (352.9) | -9.0 | 13.2 | — | 6000 | — | — | 1.0 |

## Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---|---|---|---|
| BYOBU | *410009.54N/1404414.25E* | SARF4 | *404355.81N/1403647.71E* |
| ABURA | *405419.99N/1404028.03E* | | |
| MIOKA | *404600.69N/1403506.18E* | | |
| SA678 | *404450.39N/1403420.99E* | | |
| SA674 | *404218.09N/1403828.52E* | | |
| RW06 | *404329.77N/1404028.61E* | | |
| SA679 | *404701.68N/1404624.34E* | | |

RJSA / AOMORI

Visual REP

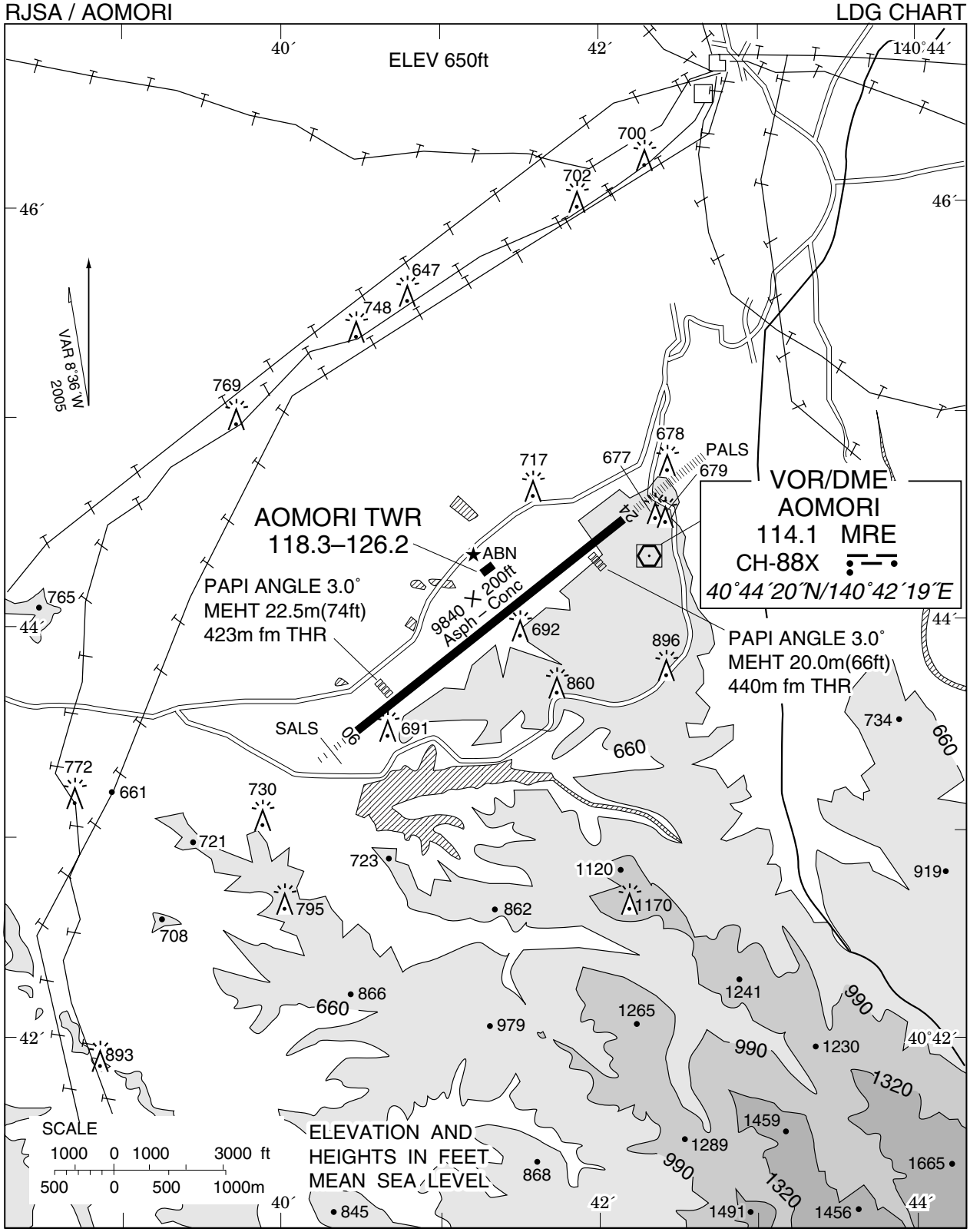


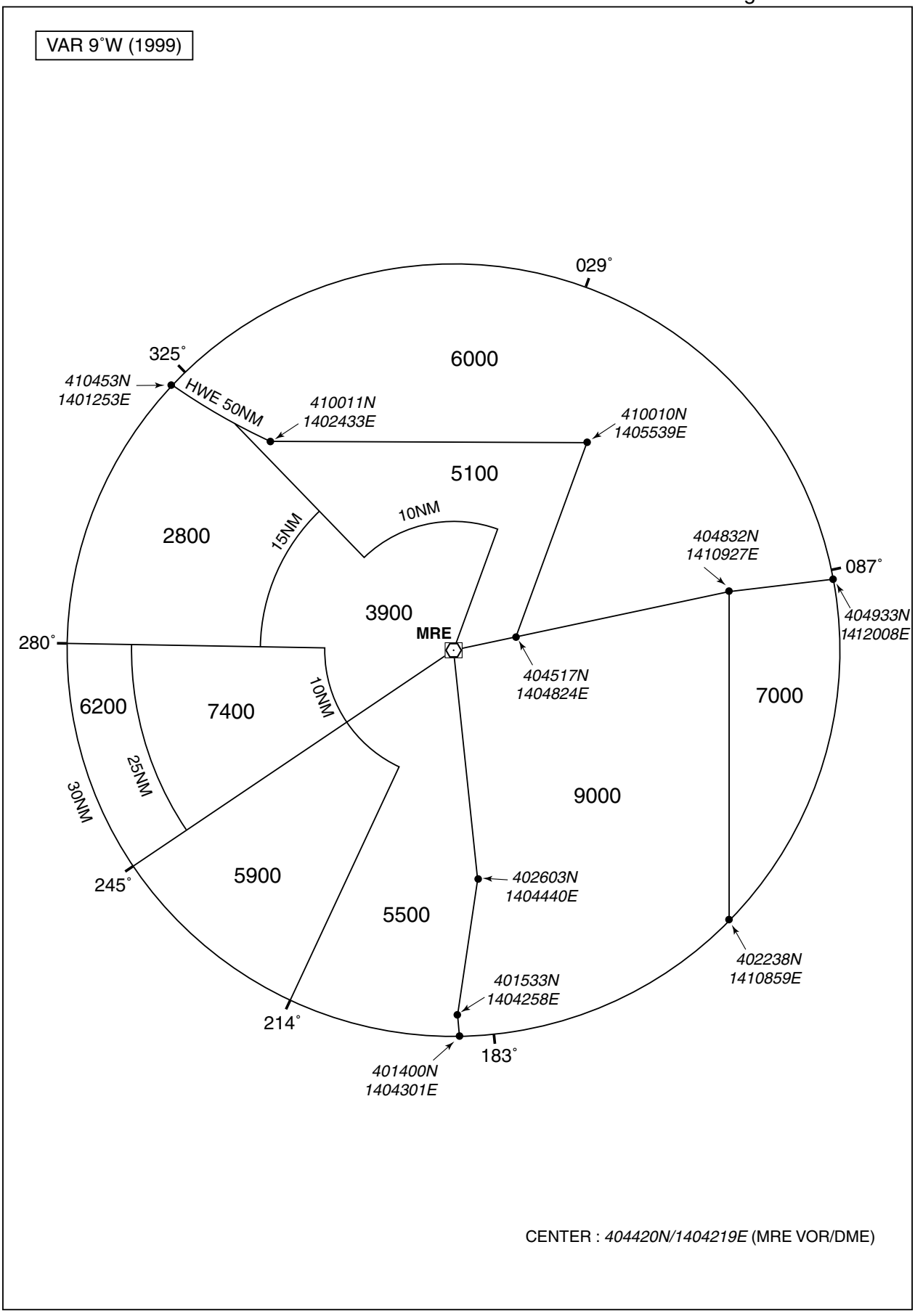

※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.

| Call sign | BRG / DIST from ARP | Remarks |
|---|---|---|
| アスパム<br>Aspam | 022°T / 6.3NM | アスパム, 三角形のビル<br>ASPAM, Triangular |
| 釈迦<br>Shaka | 287°T / 4.8NM | JR大釈迦駅<br>JR Station |
| 雲谷<br>Moya | 092°T / 5.0NM | 雲谷スキー場<br>Moya Slope |
| 下湯<br>Shimoyu | 123°T / 5.0NM | 下湯平成湖<br>Lake |
| 黒石インター<br>Kuroishi Inter | 206°T / 7.4NM | 東北自動車道黒石インター<br>Intersection |

RJSA / AOMORI LDG CHART



RJSA / AOMORI

Minimum Vectoring Altitude CHART