

RJCN / NAKASHIBETSU

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJCN / NAKASHIBETSU

SID

MASHU FIVE DEPARTURE

RWY08: Climb RWY HDG to 700FT, turn right HDG305° to intercept and proceed...

RWY26: Climb...

... via NSE R260 to MASHU.

Cross MASHU at or above 5000FT.

CHANGE : PROC renamed.Radial FM NSE .



STANDARD DEPARTURE CHART-INSTRUMENT

RJCN / NAKASHIBETSU

SID

NAKASHIBETSU REVERSAL FOUR DEPARTURE

RWY08: Climb via NSE R081 to NSE 7.0DME, turn right,...

RWY26: Climb via NSE R259 to NSE 7.0DME, turn left,...

... direct to NSE VOR/DME.

NAKASHIBETSU REVERSAL FOUR DEPARTURE



STANDARD DEPARTURE CHART-INSTRUMENT

RJCN / NAKASHIBETSU

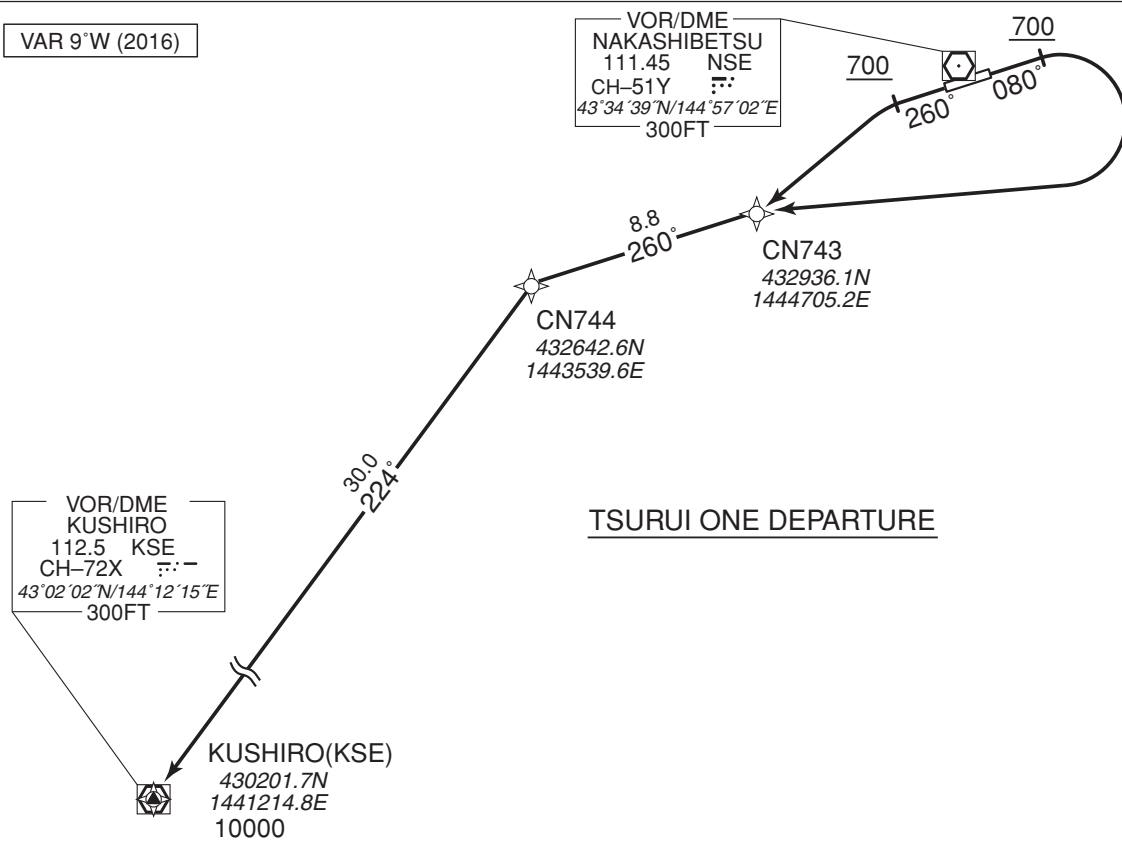
RNAV SID

TSURUI ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 9°W (2016)

TSURUI ONE DEPARTURE

RWY08 : Climb on HDG080° at or above 700FT, turn right direct to CN743, to CN744, to KSE at or above 10000FT.

RWY26 : Climb on HDG260° at or above 700FT, turn left direct to CN743, to CN744, to KSE at or above 10000FT.

RWY08

| 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 | — | — | 080 (071.0) | -8.9 | — | — | +700 | — | — | Basic RNP1 |
| 002 | DF | CN743 | — | — | -8.9 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | CN744 | — | 260 (250.8) | -8.9 | 8.8 | — | — | — | — | Basic RNP1 |
| 004 | TF | KSE | — | 224 (214.8) | -8.9 | 30.0 | — | +10000 | — | — | Basic RNP1 |

RWY26

| 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 | — | — | 260 (251.0) | -8.9 | — | — | +700 | — | — | Basic RNP1 |
| 002 | DF | CN743 | — | — | -8.9 | — | L | — | — | — | Basic RNP1 |
| 003 | TF | CN744 | — | 260 (250.8) | -8.9 | 8.8 | — | — | — | — | Basic RNP1 |
| 004 | TF | KSE | — | 224 (214.8) | -8.9 | 30.0 | — | +10000 | — | — | Basic RNP1 |

STANDARD DEPARTURE CHART-INSTRUMENT

RJCN / NAKASHIBETSU

RNAV SID

KIRITAPPU ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 9°W (2016)

VOR/DME
NAKASHIBETSU
111.45 NSE
CH-51Y
43°34'39"N/144°57'02"E
300FT

VOR/DME
KUSHIRO
112.5 KSE
CH-72X
43°02'02"N/144°12'15"E
300FT

KUSHIRO(KSE)
430201.7N
1441214.8E
10000



KIRITAPPU ONE DEPARTURE

BEKKA
432343.1N
1451158.6E

16.6
188°

CN742
430706.8N
1451223.1E

44.3
273°

KIRITAPPU ONE DEPARTURE

RWY08 : Climb on HDG080° at or above 700FT, turn right direct to BEKKA, to CN742, to KSE at or above 10000FT.

RWY26 : Climb on HDG260° at or above 700FT, turn left direct to BEKKA, to CN742, to KSE at or above 10000FT.

RWY08

| 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 | — | — | 080 (071.0) | -8.9 | — | — | +700 | — | — | Basic RNP1 |
| 002 | DF | BEKKA | — | — | -8.9 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | CN742 | — | 188 (179.0) | -8.9 | 16.6 | — | — | — | — | Basic RNP1 |
| 004 | TF | KSE | — | 273 (263.7) | -8.9 | 44.3 | — | +10000 | — | — | Basic RNP1 |

RWY26

| 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 | — | — | 260 (251.0) | -8.9 | — | — | +700 | — | — | Basic RNP1 |
| 002 | DF | BEKKA | — | — | -8.9 | — | L | — | — | — | Basic RNP1 |
| 003 | TF | CN742 | — | 188 (179.0) | -8.9 | 16.6 | — | — | — | — | Basic RNP1 |
| 004 | TF | KSE | — | 273 (263.7) | -8.9 | 44.3 | — | +10000 | — | — | Basic RNP1 |

CHANGE: Marginal note (Title)

RJCN / NAKASHIBETSU

RNAV STAR

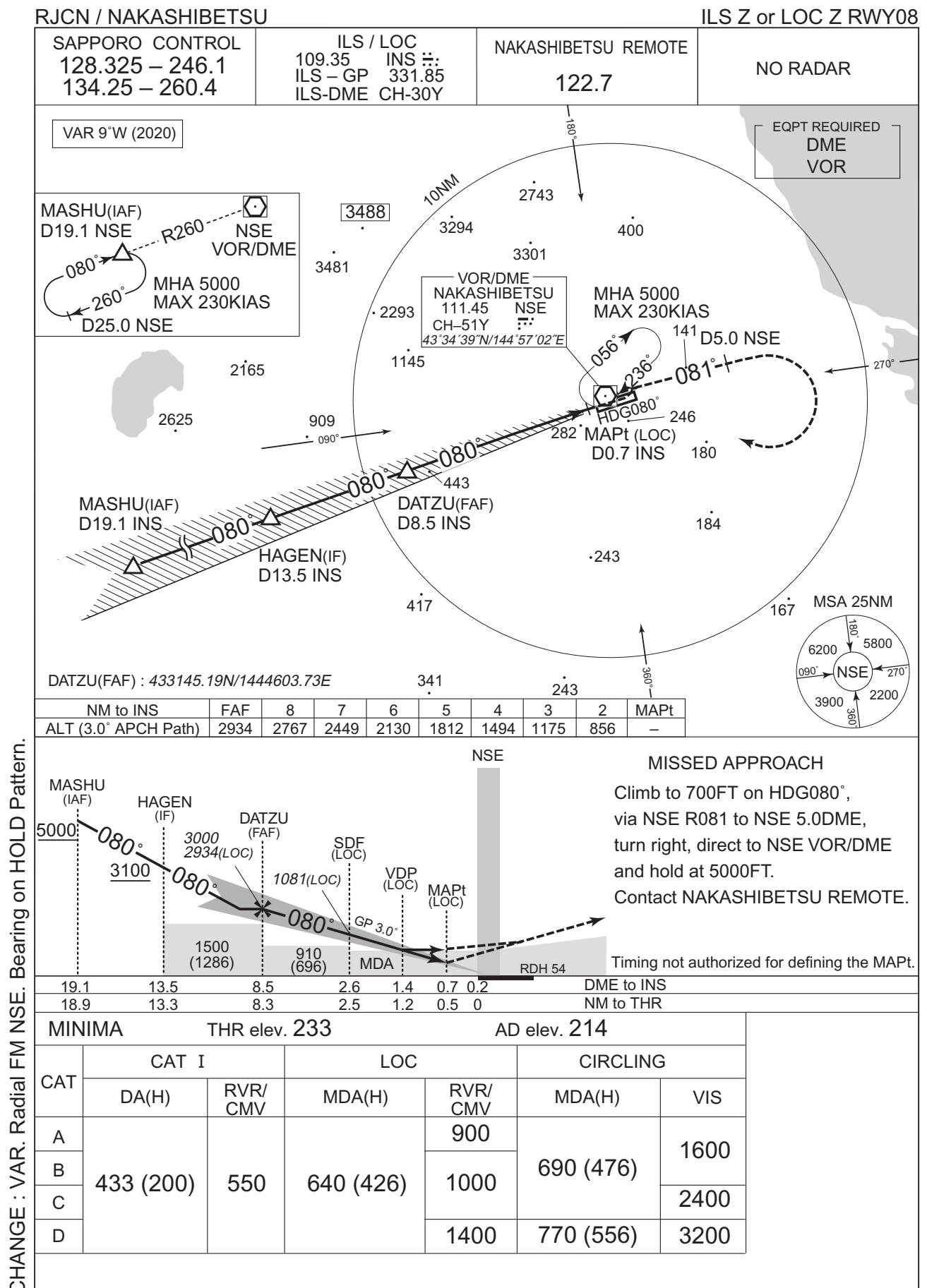
Basic RNP1

VAR 9°W (2016)



| 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 | KSE | — | — | -8.9 | — | — | — | — | — | Basic RNP1 |
| 002 | TF | OMOTI | — | 093 (084.6) | -8.9 | 40.1 | — | +5000 | — | — | Basic RNP1 |

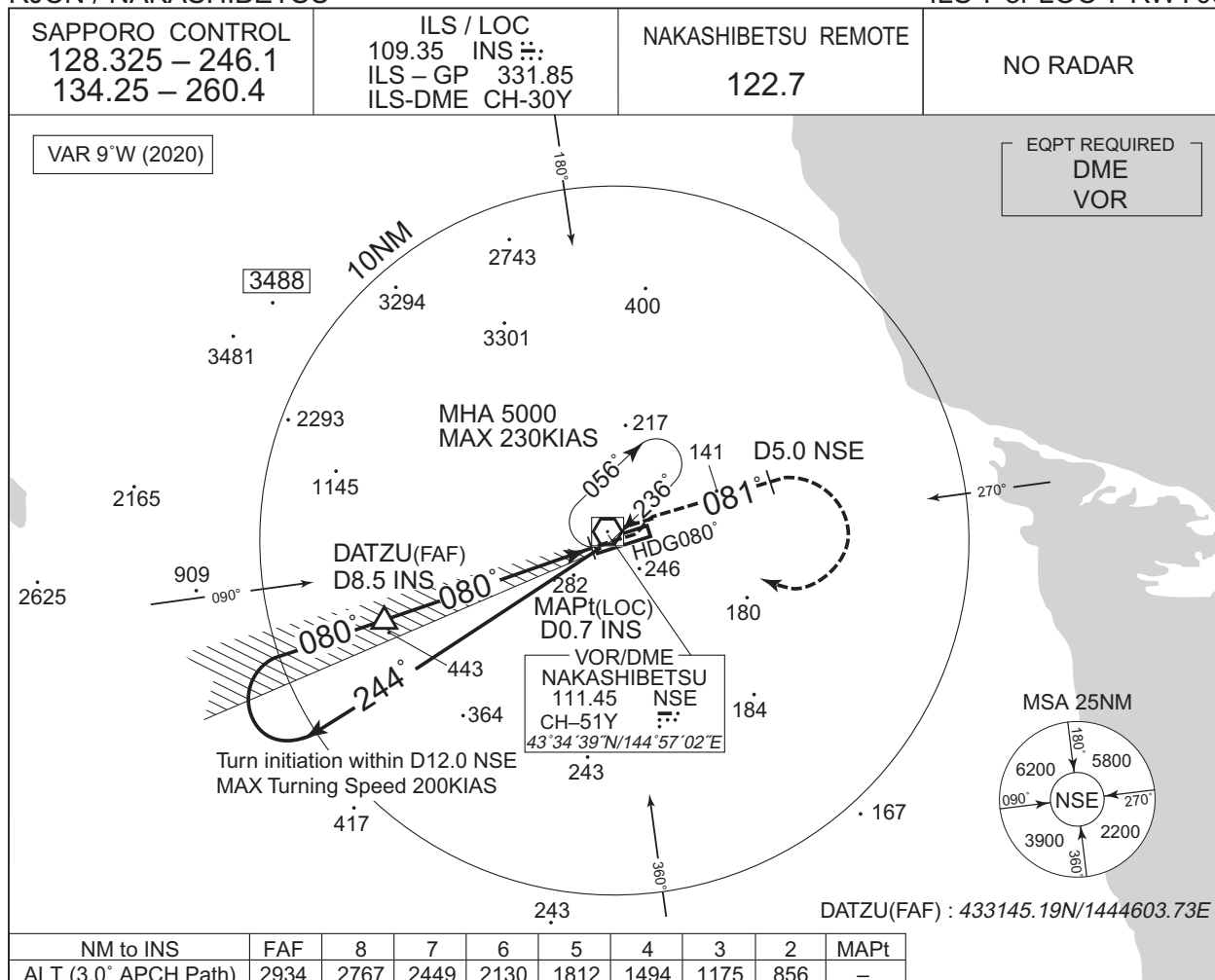
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

ILS Y or LOC Y RWY08



CHANGE : VAR. Bearing on HOLD Pattern.

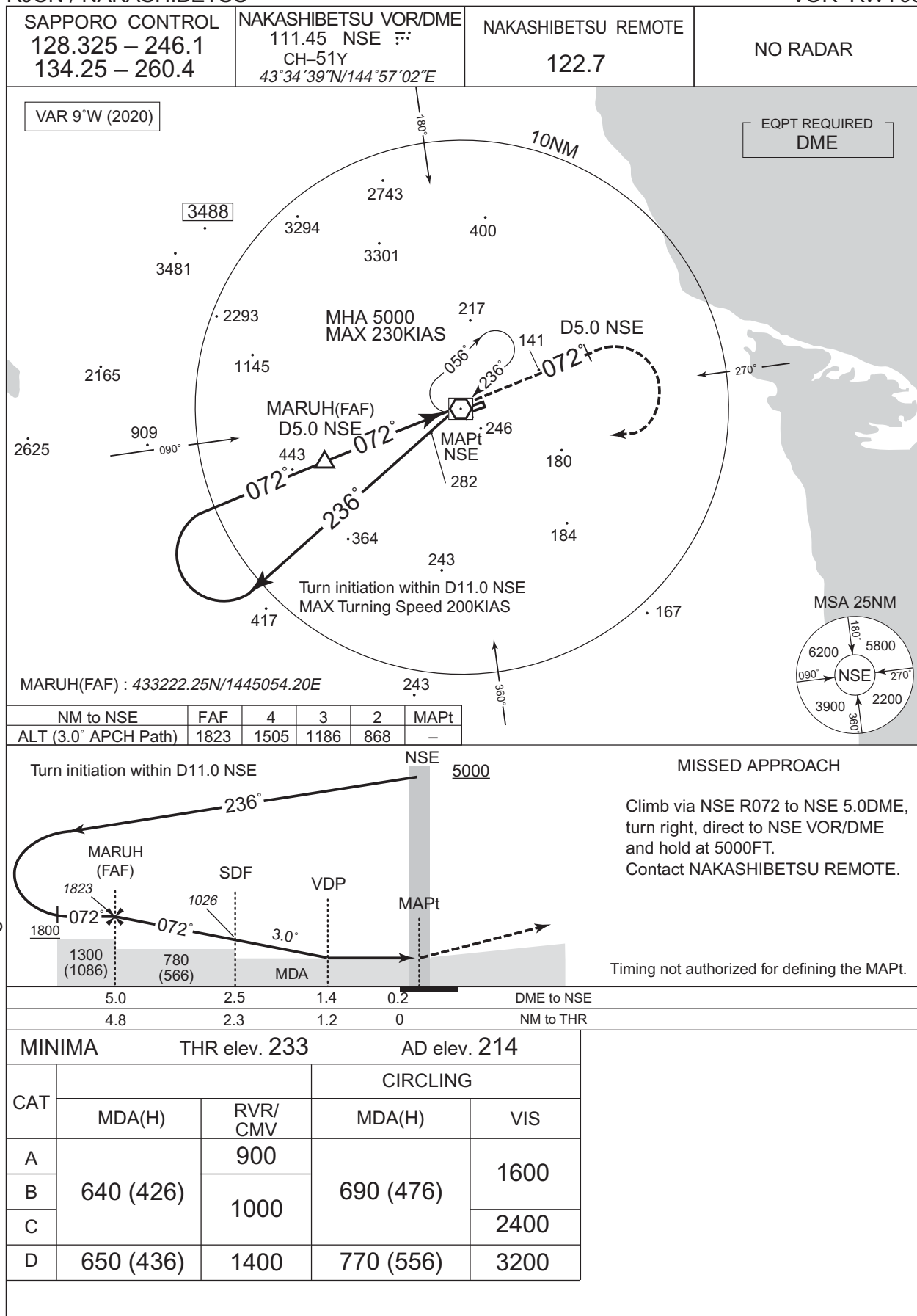


| MINIMA | | THR elev. 233 | | AD elev. 214 | | |
|--------|-----------|---------------|-----------|--------------|-----------|------|
| CAT | CAT I | | LOC | | CIRCLING | |
| | DA(H) | RVR/ CMV | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 433 (200) | 550 | 640 (426) | 900 | 690 (476) | 1600 |
| B | | | | 1000 | | 2400 |
| C | | | | | | |
| D | | | | 1400 | 770 (556) | 3200 |

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

VOR RWY08



CHANGE : VAR. Radial FM NSE. Bearing on HOLD Pattern.

RJCN / NAKASHIBETSU

SAPPORO CONTROL
128.325 – 246.1
134.25 – 260.4

NAKASHIBETSU VOR/DME
111.45 NSE 33
CH-51Y
43°34'39"N/144°57'02"E

NAKASHIBETSU REMOTE
122.7

NO RADAR

VAR 9°W (2020)

EQPT REQUIRED DME

The chart displays a large circular area representing the Sapporo Control zone. Key features include:

- VOR/DME Station:** NAKASHIBETSU VOR/DME at 111.45 MHz, Channel 51Y, located at 43°34'39"N, 144°57'02"E.
- Waypoints:** Numerous numbered waypoints are plotted, including 2743, 3294, 3301, 400, 217, 141, 246, 282, 180, 184, 167, 243, 341, 417, 443, 364, 2625, 909, 2165, 1145, 2293, 3481, and 3488.
- Flight Paths:** A solid line path leads from the bottom left towards the center, passing through waypoints 909 and 2625. A dashed curved path branches off to the left, passing through 443 and 364. Another solid path leads from the right side towards the center, passing through 180 and 184.
- Navigation Aids:**
 - MOJAO(FAF) D5.9 NSE:** Indicated by a triangle symbol.
 - MAPt D0.9 NSE:** Indicated by a square symbol.
 - MHA 5000 MAX 230 KIAS:** A holding pattern or maneuver point near the MAPt.
- Turn Information:** A turn initiation point is marked with a curved arrow indicating a 270° turn, with a note "Turn initiation within D11.0 NSE" and "MAX Turning Speed 200 KIAS".
- MSA 25NM:** Minimum Safe Altitude for a 25 NM radius around the NSE station.
- NSE Station:** Located at the bottom left, with altitudes of 6200, 5800, 3900, and 2200 feet indicated.

| NM to NSE | MAPt | 2 | 3 | 4 | 5 | FAF |
|----------------------|------|-----|-----|------|------|------|
| ALT (3.0° APCH Path) | - | 602 | 920 | 1239 | 1557 | 1853 |

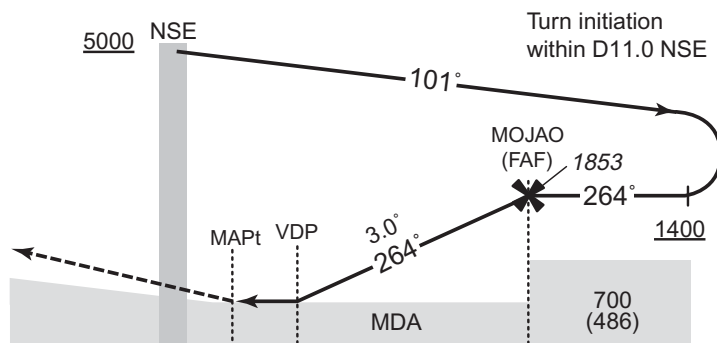
MOJAO(FAF) : 433608.06N/1450455.60E

MOJAO(FAF) :433608.06N/1450455.60E

| NM to NSE | MAPt | 2 | 3 | 4 | 5 | FAF |
|----------------------|------|-----|-----|------|------|------|
| ALT (3.0° APCH Path) | – | 602 | 920 | 1239 | 1557 | 1853 |

Climb via NSE R264 to NSE 5.0DME,
turn left, direct to NSE VOR/DME and
hold at 5000FT.
Contact NAKASHIBETSU REMOTE.

Timing not authorized for defining the MAPt.

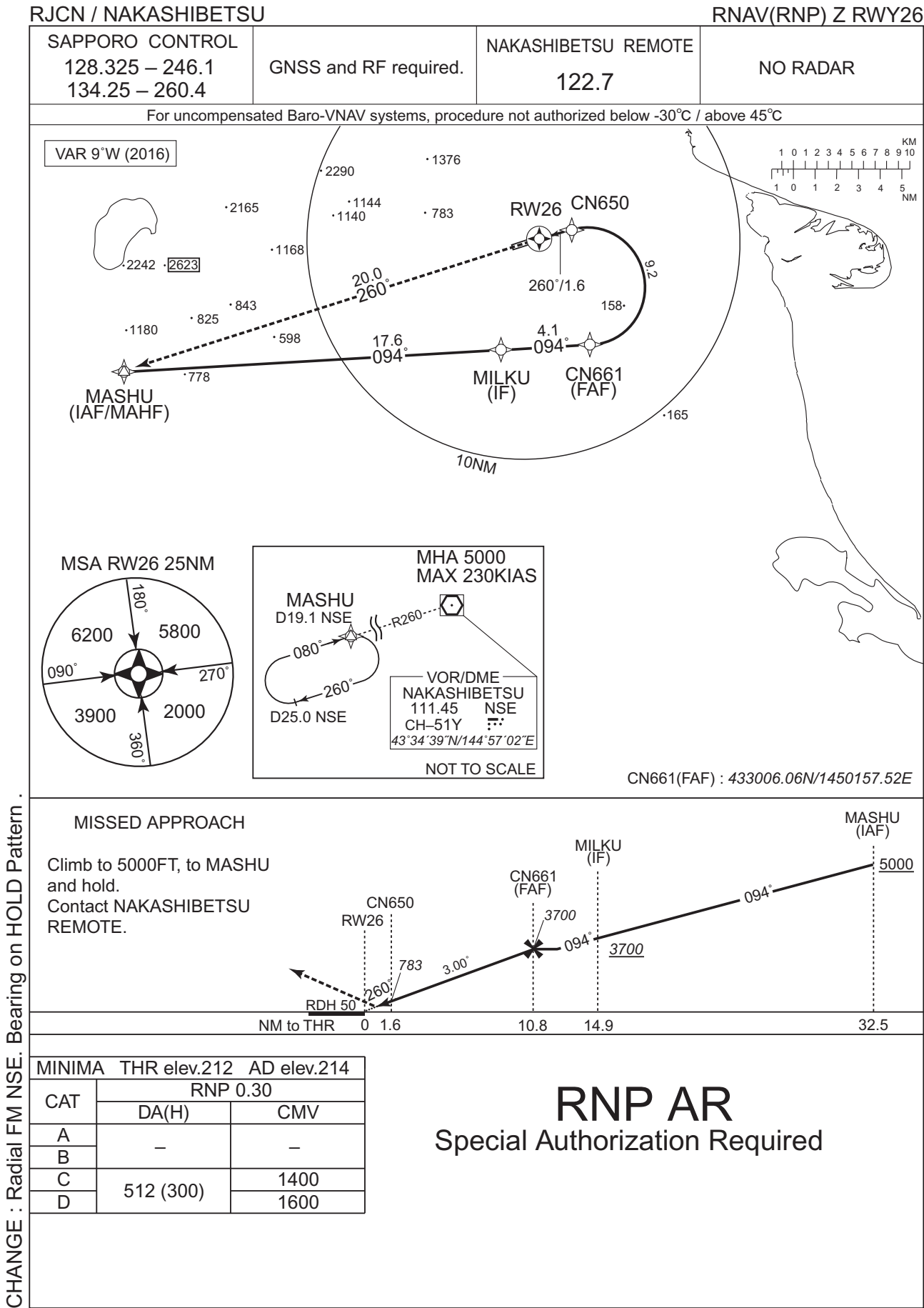


| | | | |
|------------|-----|-----|-----|
| DME to NSE | 0.9 | 2.0 | 5.9 |
| NM to THR | 0 | 1.0 | 5.0 |

| MINIMA | | THR elev. 212 | AD elev. 214 | |
|--------|-----------|---------------|--------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 580 (366) | 1200 | 690 (476) | 1600 |
| B | | 1300 | | |
| C | | 1400 | | 2400 |
| D | | 1600 | 770 (556) | 3200 |

CHANGE : VAR.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

RNAV(RNP) Z RWY26

RNAV(RNP) Z RWY26Coding 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 | MASHU | — | — | -8.9 | — | — | +5000 | — | — | — |
| 002 | TF | MILKU | — | 094 (084.9) | -8.9 | 17.6 | — | +3700 | — | — | 1.0 |
| 003 | TF | CN661 | — | 094 (085.2) | -8.9 | 4.1 | — | 3700 | — | — | 1.0 |
| 004 | RF Center: CNRF2 r=2.70NM | CN650 | — | — | -8.9 | 9.2 | L | 783 | — | -3.00 | 0.3 |
| 005 | TF | RW26 | Y | 260 (251.0) | -8.9 | 1.6 | — | 262 | — | -3.00/50 | 0.3 |
| 006 | TF | MASHU | — | 260 (251.0) | -8.9 | 20.0 | — | 5000 | — | — | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|------------------------|--------------------------|------------------------|
| MASHU | 432815.18N/1443214.49E | CNRF2 | 433247.93N/1450139.17E |
| MILKU | 432945.72N/1445620.67E | | |
| CN661 | 433006.06N/1450157.52E | | |
| CN650 | 433521.30N/1450025.71E | | |
| RW26 | 433449.27N/1445817.40E | | |

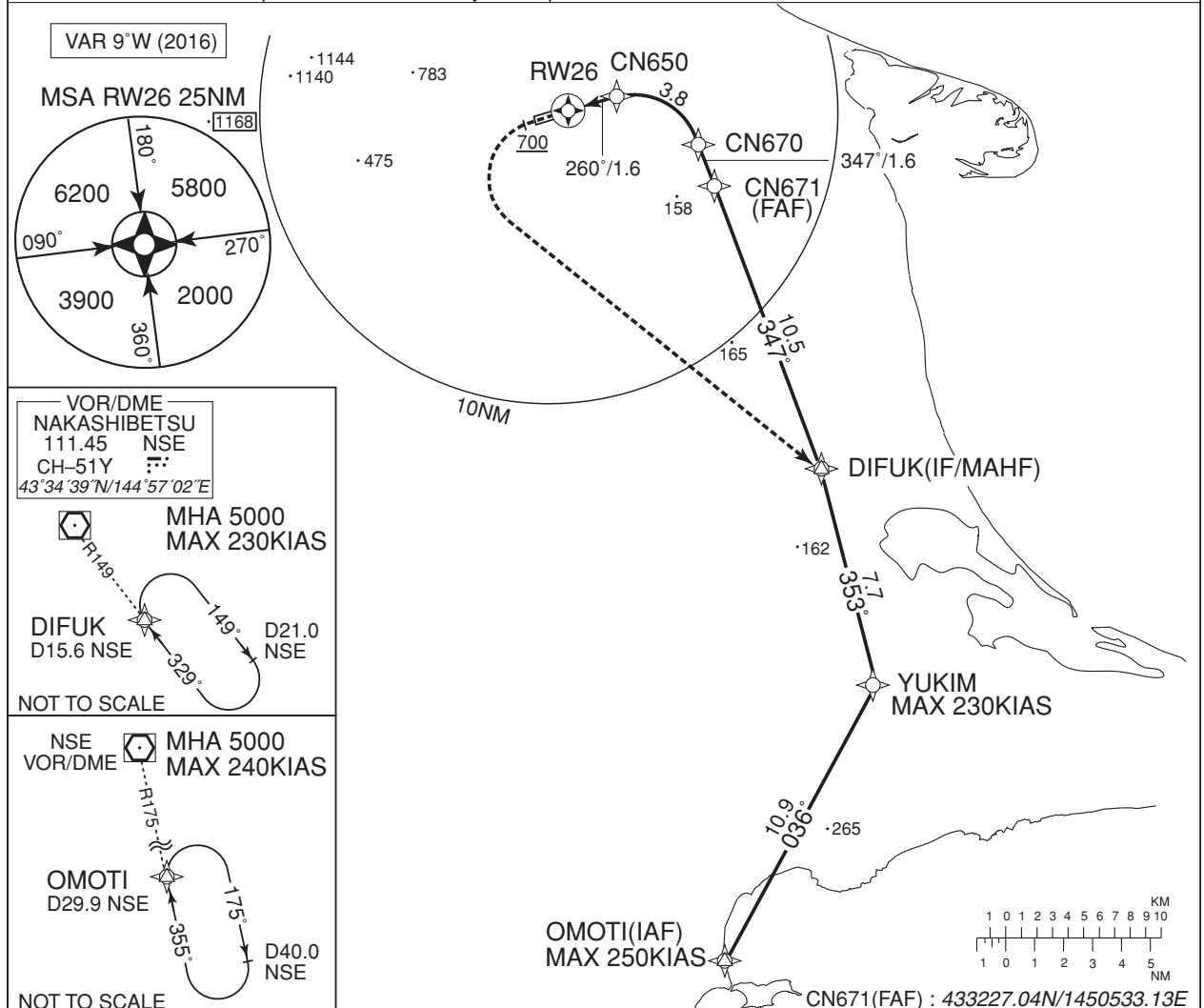
INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

RNAV(RNP) Y RWY26

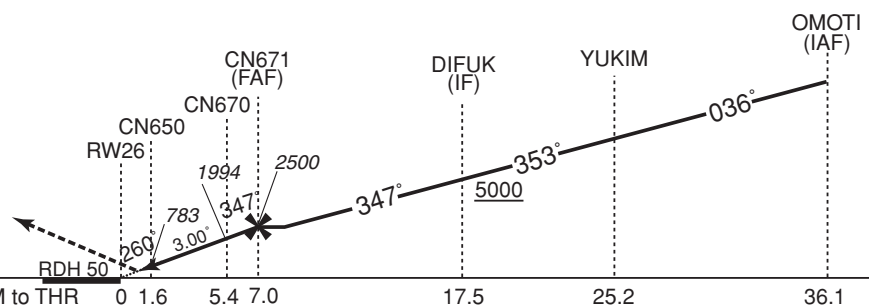
| | | | |
|--|-----------------------|------------------------------|----------|
| SAPPORO CONTROL 128.325 – 246.1 134.25 – 260.4 | GNSS and RF required. | NAKASHIBETSU REMOTE 122.7 | NO RADAR |
|--|-----------------------|------------------------------|----------|

For uncompensated Baro-VNAV systems, procedure not authorized below -30°C / above 45°C



MISSED APPROACH

From RW26 on track 260°, at or above 700FT turn left, direct to DIFUK and hold at 5000FT. Contact NAKASHIBETSU REMOTE.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev.212 AD elev.214

| CAT | RNP 0.30 | |
|-----|-----------|------|
| | DA(H) | CMV |
| A | — | — |
| B | — | — |
| C | 512 (300) | 1400 |
| D | — | 1600 |

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

RNP AR
Special Authorization Required

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

RNAV(RNP) Y RWY26

RNAV(RNP) Y RWY26Coding Table

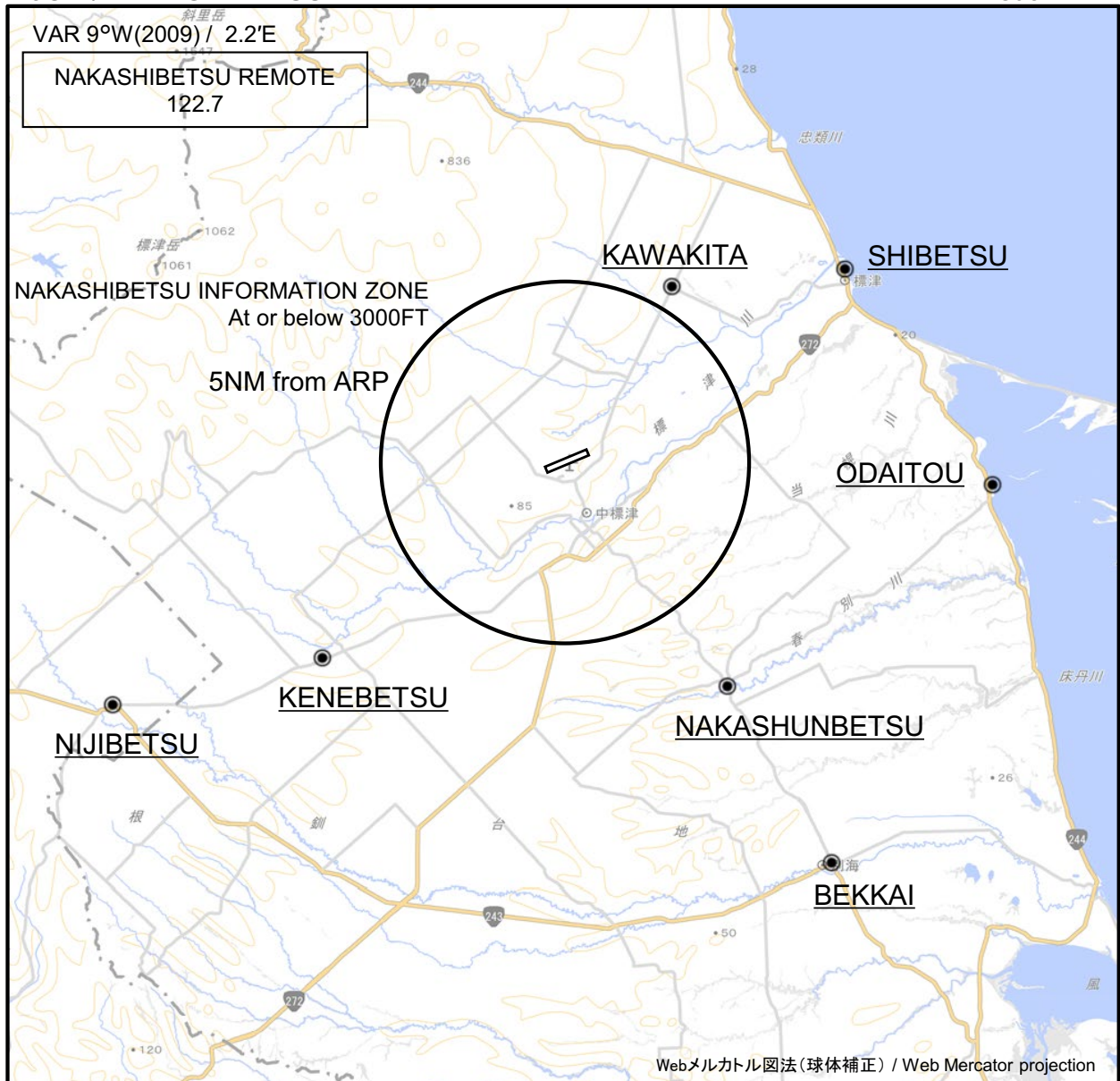
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/RDH (°/FT) | RNP Value |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|-----------|
| 001 | IF | OMOTI | — | — | -8.9 | — | — | +5000 | -250 | — | — |
| 002 | TF | YUKIM | — | 036 (027.2) | -8.9 | 10.9 | — | +5000 | -230 | — | 1.0 |
| 003 | TF | DIFUK | — | 353 (344.3) | -8.9 | 7.7 | — | +5000 | — | — | 1.0 |
| 004 | TF | CN671 | — | 347 (338.4) | -8.9 | 10.5 | — | 2500 | — | — | 1.0 |
| 005 | TF | CN670 | — | 347 (338.3) | -8.9 | 1.6 | — | 1994 | — | -3.00 | 0.3 |
| 006 | RF Center: CNRF1 r=2.50NM | CN650 | — | — | -8.9 | 3.8 | L | 783 | — | -3.00 | 0.3 |
| 007 | TF | RW26 | Y | 260 (251.0) | -8.9 | 1.6 | — | 262 | — | -3.00/50 | 0.3 |
| 008 | FA | — | — | 260 (251.0) | -8.9 | — | — | +700 | — | — | 1.0 |
| 009 | DF | DIFUK | — | — | -8.9 | — | L | 5000 | — | — | 1.0 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|------------------------|--------------------------|------------------------|
| OMOTI | 430535.54N/1450655.47E | CNRF1 | 433259.00N/1450132.84E |
| YUKIM | 431516.17N/1451345.84E | | |
| DIFUK | 432242.79N/1451052.79E | | |
| CN671 | 433227.04N/1450533.13E | | |
| CN670 | 433354.84N/1450444.93E | | |
| CN650 | 433521.30N/1450025.71E | | |
| RW26 | 433449.27N/1445817.40E | | |

RJCN / NAKASHIBETSU

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 |
|----------------------|---------------------|----------------|
| 標津 Shibetsu | 055°T / 9.1NM | 標津港 Harbor |
| 川北 Kawakita | 030°T / 5.6NM | 市街地 Town |
| 尾岱沼 Odaitou | 093°T / 11.5NM | 尾岱沼港 Harbor |
| 計根別 Kenebetsu | 231°T / 8.5NM | 市街地 Town |
| 中春別 Nakashunbetsu | 145°T / 7.5NM | 市街地 Town |
| 虹別 Nijibetsu | 242°T / 13.9NM | 市街地 Town |
| 別海 Bekkai | 147°T / 13.1NM | 市街地 Town |



RJCN / NAKASHIBETSU

Minimum Vectoring Altitude CHART

