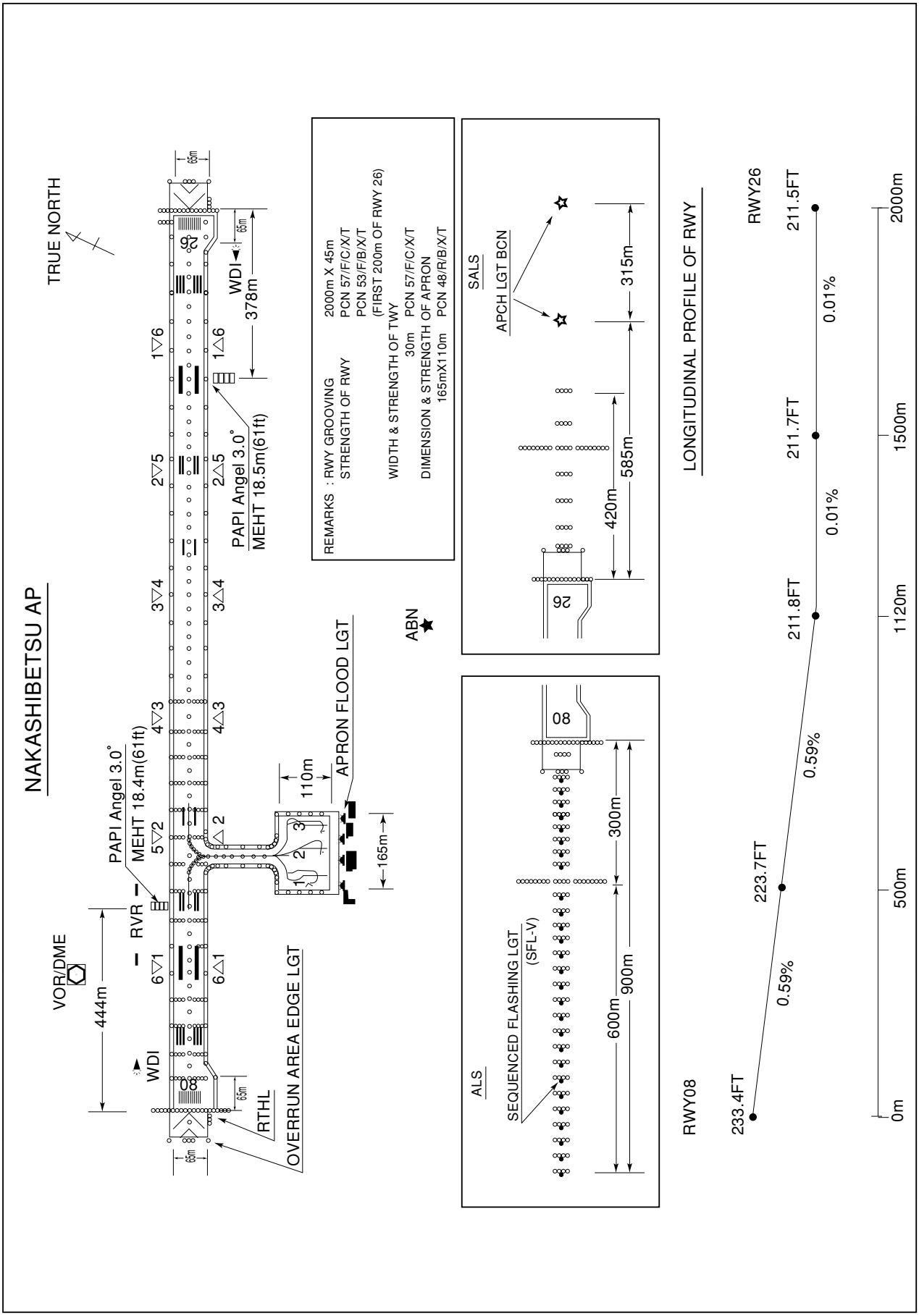
RJCN / NAKASHIBETSU AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

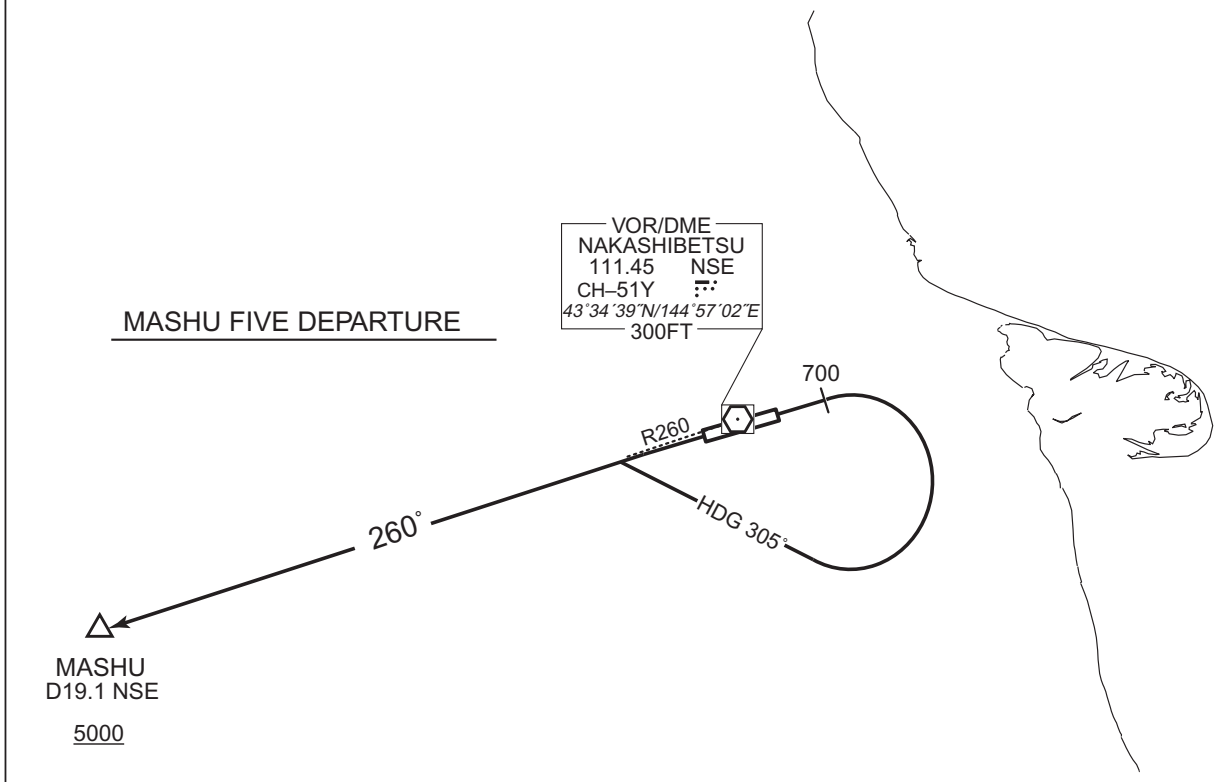
RJCN / NAKASHIBETSU SID

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 .

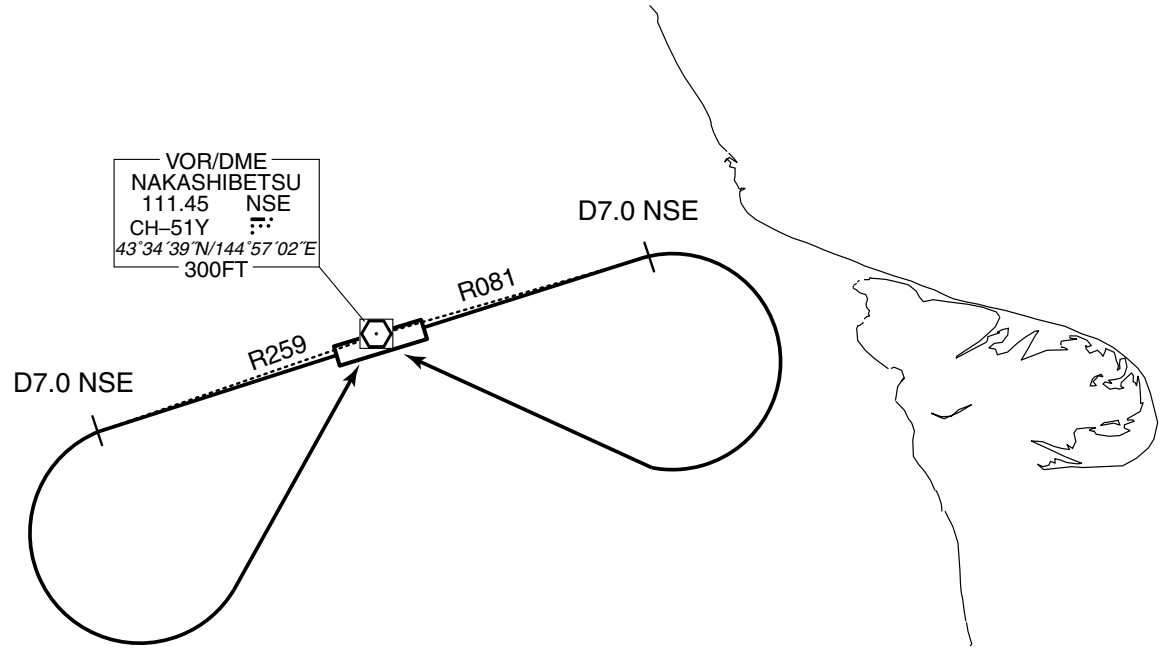
STANDARD DEPARTURE CHART-INSTRUMENT

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

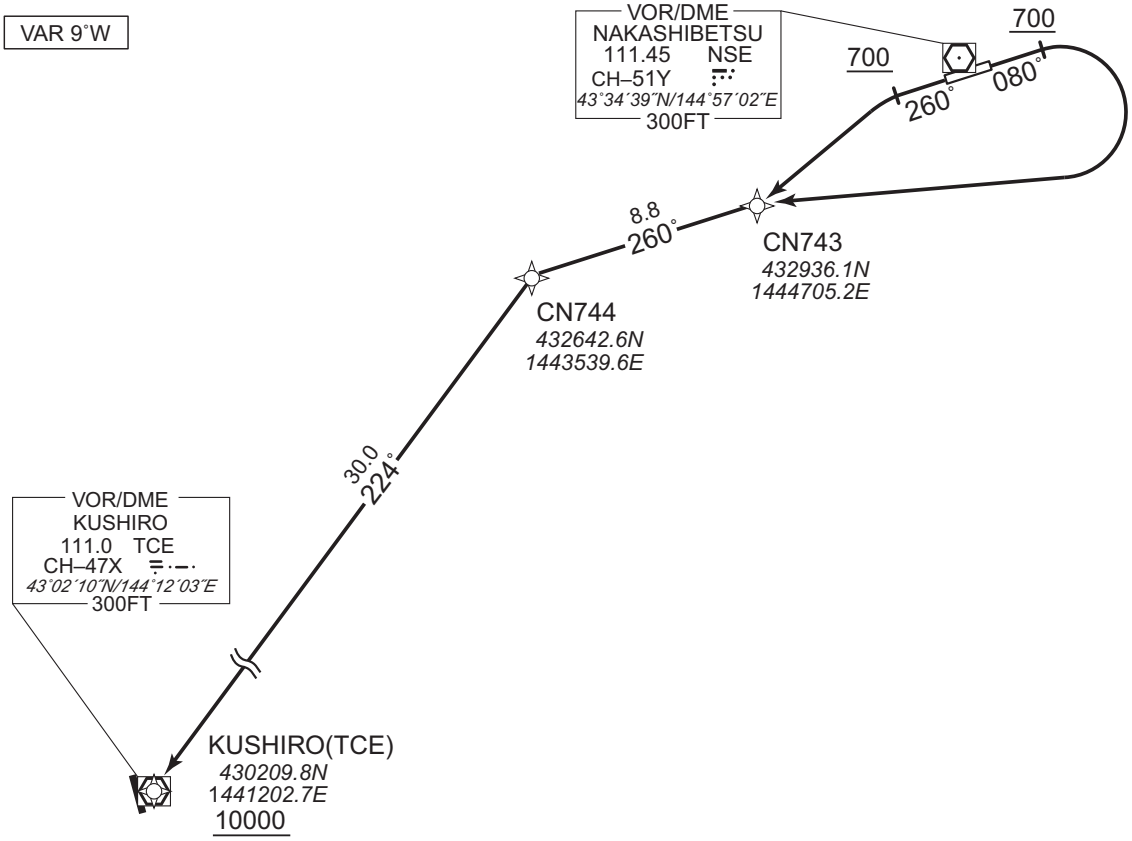
RJCN / NAKASHIBETSU

RNAV SID

TSURUI TWO DEPARTURE

Basic RNP1

Note GNSS required.



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

RWY26 : Climb on HDG260˚ at or above 700FT, turn left direct to CN743, to CN744, to TCE 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)	-9.2	–	–	+700	–	–	Basic RNP1
002	DF	CN743	–	—	-9.2	–	R	–	–	–	Basic RNP1
003	TF	CN744	–	260 (250.8)	-9.2	8.8	–	–	–	–	Basic RNP1
004	TF	TCE	–	224 (215.2)	-9.2	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)	-9.2	–	–	+700	–	–	Basic RNP1
002	DF	CN743	–	—	-9.2	–	L	–	–	–	Basic RNP1
003	TF	CN744	–	260 (250.8)	-9.2	8.8	–	–	–	–	Basic RNP1
004	TF	TCE	–	224 (215.2)	-9.2	30.0	–	+10000	–	–	Basic RNP1

CHANGE : PROC renamed. KUSHIRO VOR/DME(KSE → TCE). VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJCN / NAKASHIBETSU

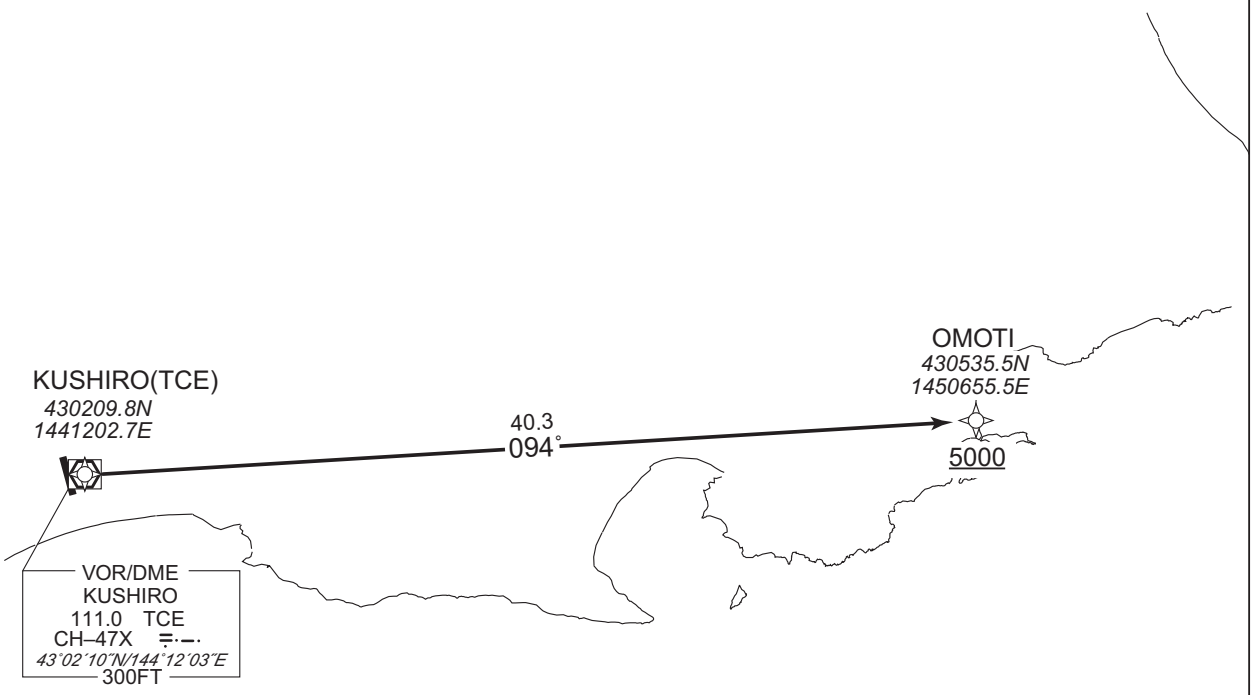
RNAV STAR

KUSHIRO ARRIVAL

Basic RNP1

Note GNSS required.

VAR 9˚W



From TCE, to OMOTI at or above 5000FT.

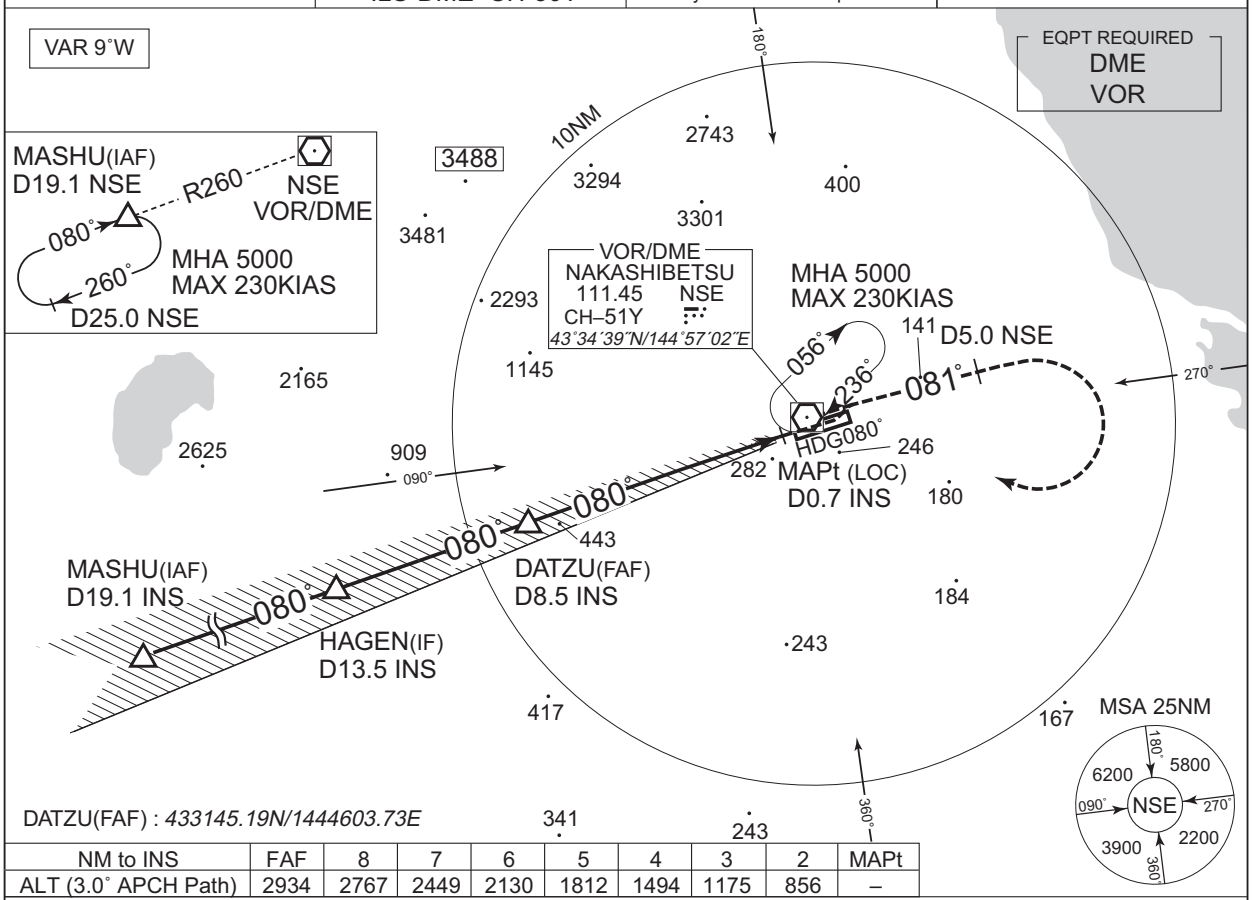
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	TCE	–	–	-9.2	–	–	–	–	–	Basic RNP1
002	TF	OMOTI	–	094 (084.8)	-9.2	40.3	–	+5000	–	–	Basic RNP1

CHANGE : KUSHIRO VOR/DME(KSE → TCE). Course FM OMOTI to TCE. VAR.

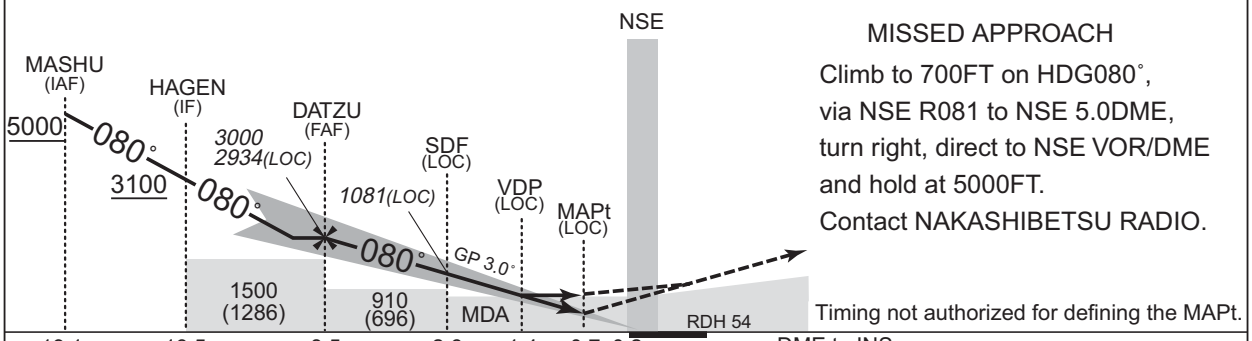
INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU — ILS Z or LOC Z RWY08

SAPPORO CONTROL	ILS / LOC	NAKASHIBETSU RADIO	
128.325 – 246.1 134.25 – 260.4	109.35 INS ILS – GP 331.85 ILS-DME CH-30Y	122.7 AFIS provided by New Chitose Airport Office	NO RADAR



NM to INS	FAF	8	7	6	5	4	3	2	MAPt
ALT (3.0˚ APCH Path)	2934	2767	2449	2130	1812	1494	1175	856	–



MISSED APPROACH
Climb to 700FT on HDG080˚,
via NSE R081 to NSE 5.0DME,
turn right, direct to NSE VOR/DME
and hold at 5000FT.
Contact NAKASHIBETSU RADIO.

Timing not authorized for defining the MAPt.

19.1	13.5	8.5	2.6	1.4	0.7	0.2	DME to INS
18.9	13.3	8.3	2.5	1.2	0.5	0	NM to THR

MINIMA THR elev. 233 AD elev. 214

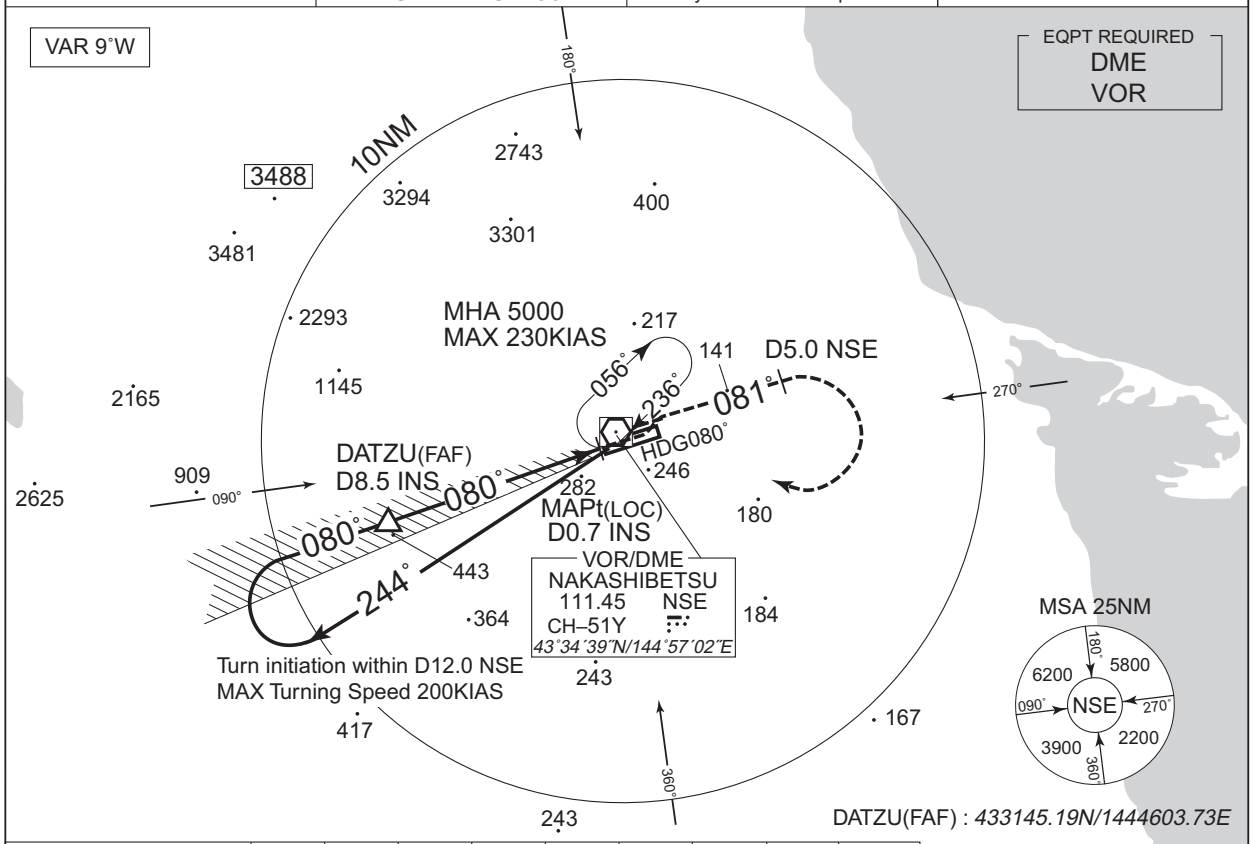
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	433 (200)	550	640 (426)	900	690 (476)	1600
B				1000		
C						2400
D				1400	770 (556)	3200

CHANGE : Description of VAR.

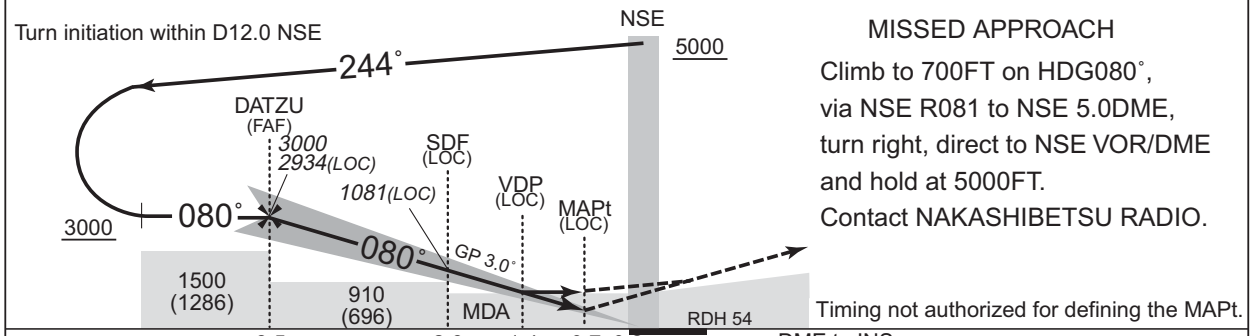
INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU — ILS Y or LOC Y RWY08

SAPPORO CONTROL	ILS / LOC	NAKASHIBETSU RADIO	NO RADAR
128.325 – 246.1 134.25 – 260.4	109.35 INS ILS – GP 331.85 ILS-DME CH-30Y	122.7 AFIS provided by New Chitose Airport Office	



NM to INS	FAF	8	7	6	5	4	3	2	MAPt
ALT (3.0˚ APCH Path)	2934	2767	2449	2130	1812	1494	1175	856	–



MISSED APPROACH

Climb to 700FT on HDG080˚,
via NSE R081 to NSE 5.0DME,
turn right, direct to NSE VOR/DME
and hold at 5000FT.
Contact NAKASHIBETSU RADIO.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 233 AD elev. 214

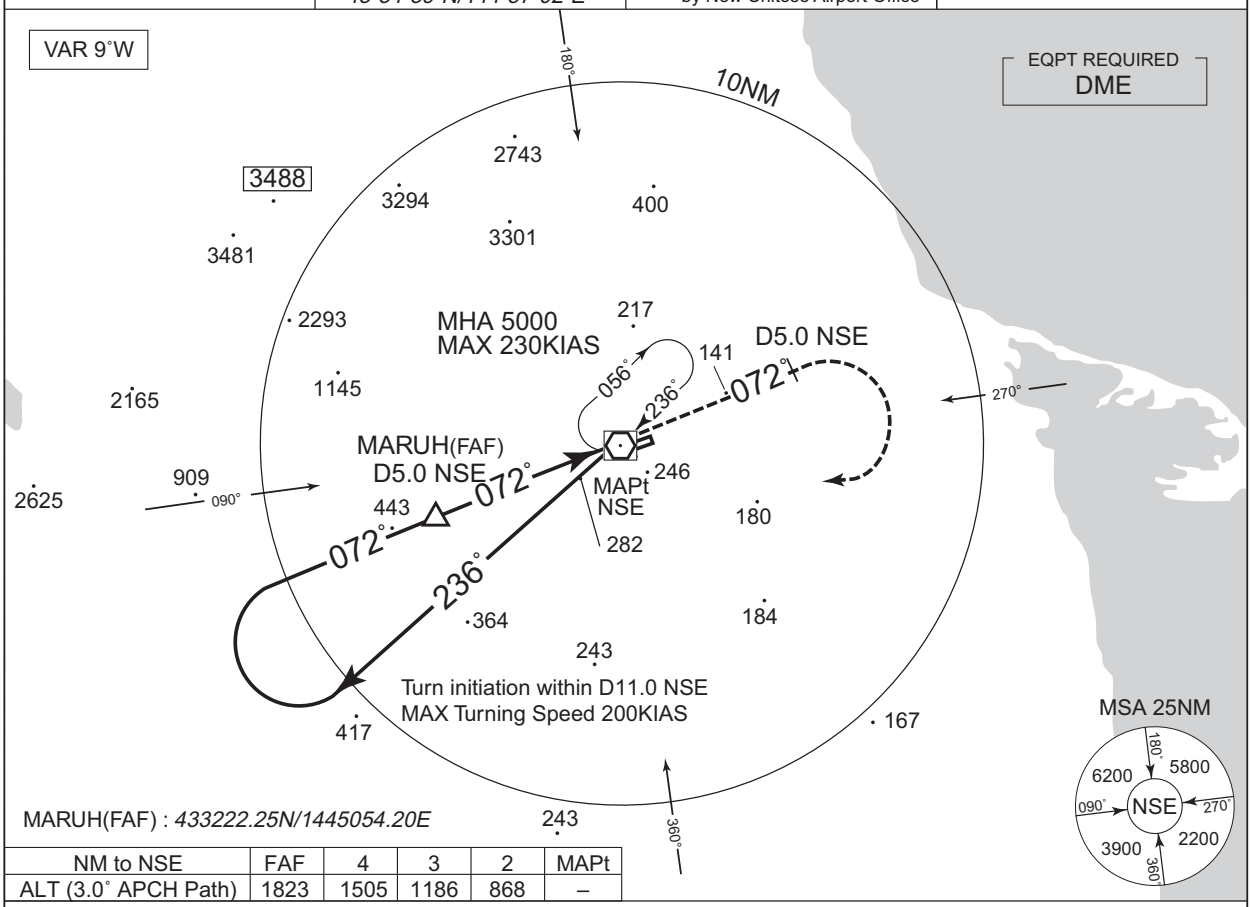
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	433 (200)	550	640 (426)	900	690 (476)	1600
B				1000		
C						2400
D				1400	770 (556)	3200

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

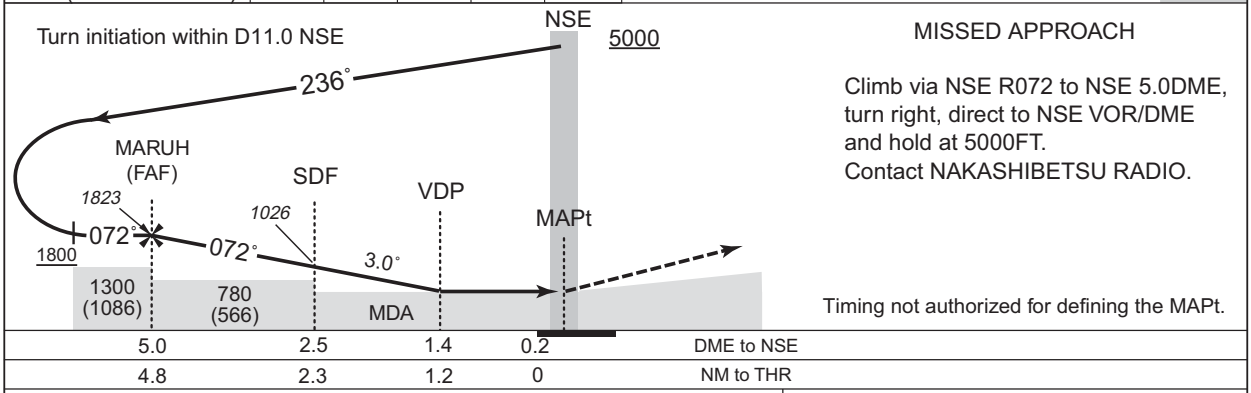
RJCN / NAKASHIBETSU VOR RWY08

SAPPORO CONTROL	NAKASHIBETSU VOR/DME	NAKASHIBETSU RADIO	NO RADAR
128.325 – 246.1 134.25 – 260.4	111.45 NSE CH–51Y *43˚34´39˝N/144˚57´02˝E*	122.7 AFIS provided by New Chitose Airport Office	



MARUH(FAF) : *433222.25N/1445054.20E*

NM to NSE	FAF	4	3	2	MAPt
ALT (3.0˚ APCH Path)	1823	1505	1186	868	–



MISSED APPROACH

Climb via NSE R072 to NSE 5.0DME, turn right, direct to NSE VOR/DME and hold at 5000FT.
Contact NAKASHIBETSU RADIO.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 233 AD elev. 214

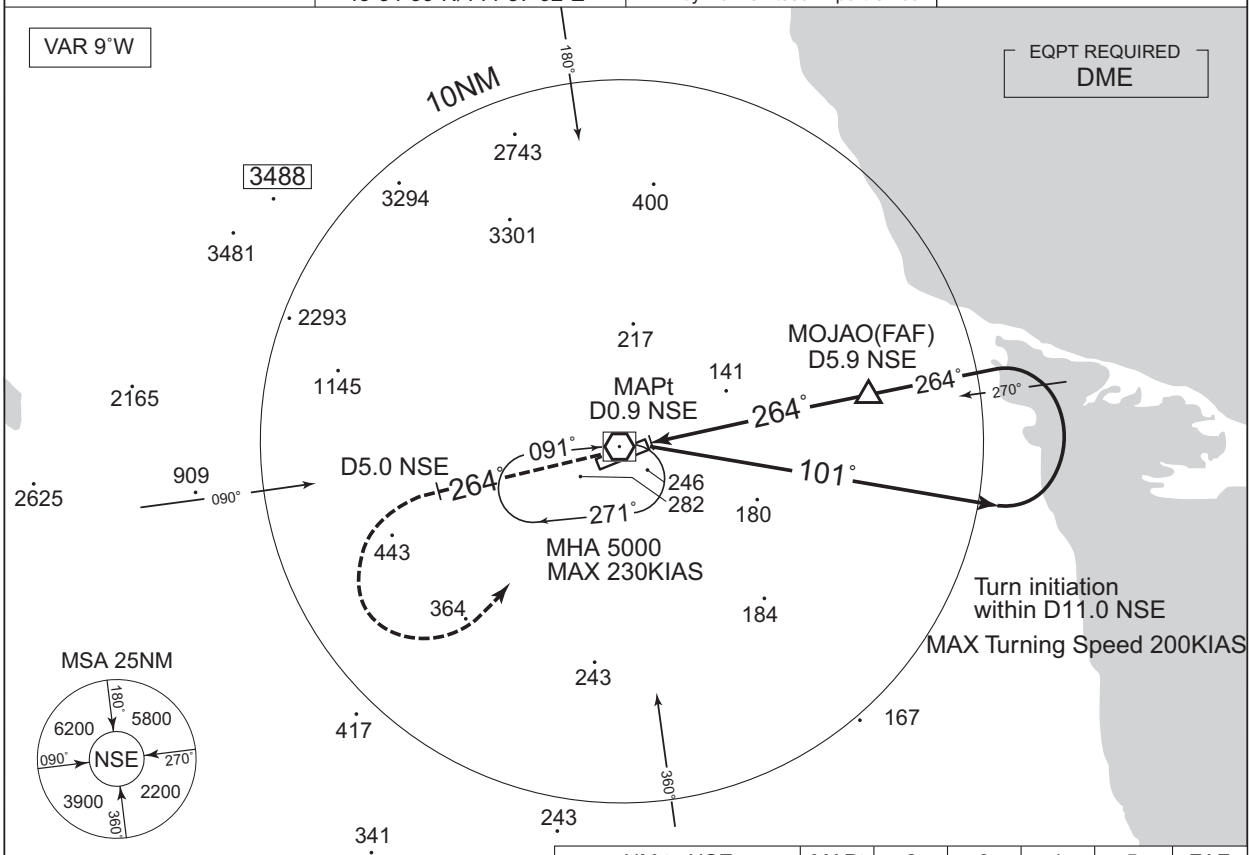
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	640 (426)	900	690 (476)	1600
B		1000		
C				2400
D	650 (436)	1400	770 (556)	3200

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU VOR RWY26

SAPPORO CONTROL	NAKASHIBETSU VOR/DME	NAKASHIBETSU RADIO	NO RADAR
128.325 – 246.1 134.25 – 260.4	111.45 NSE CH–51Y *43˚34´39˝N/144˚57´02˝E*	122.7 AFIS provided by New Chitose Airport Office	



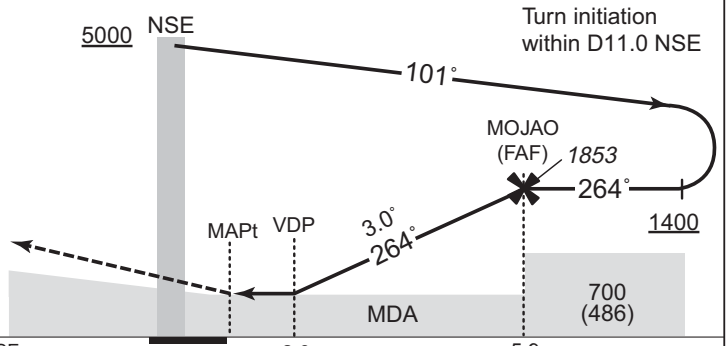
MOJAO(FAF) :*433608.06N/1450455.60E*

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

MISSED APPROACH

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

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

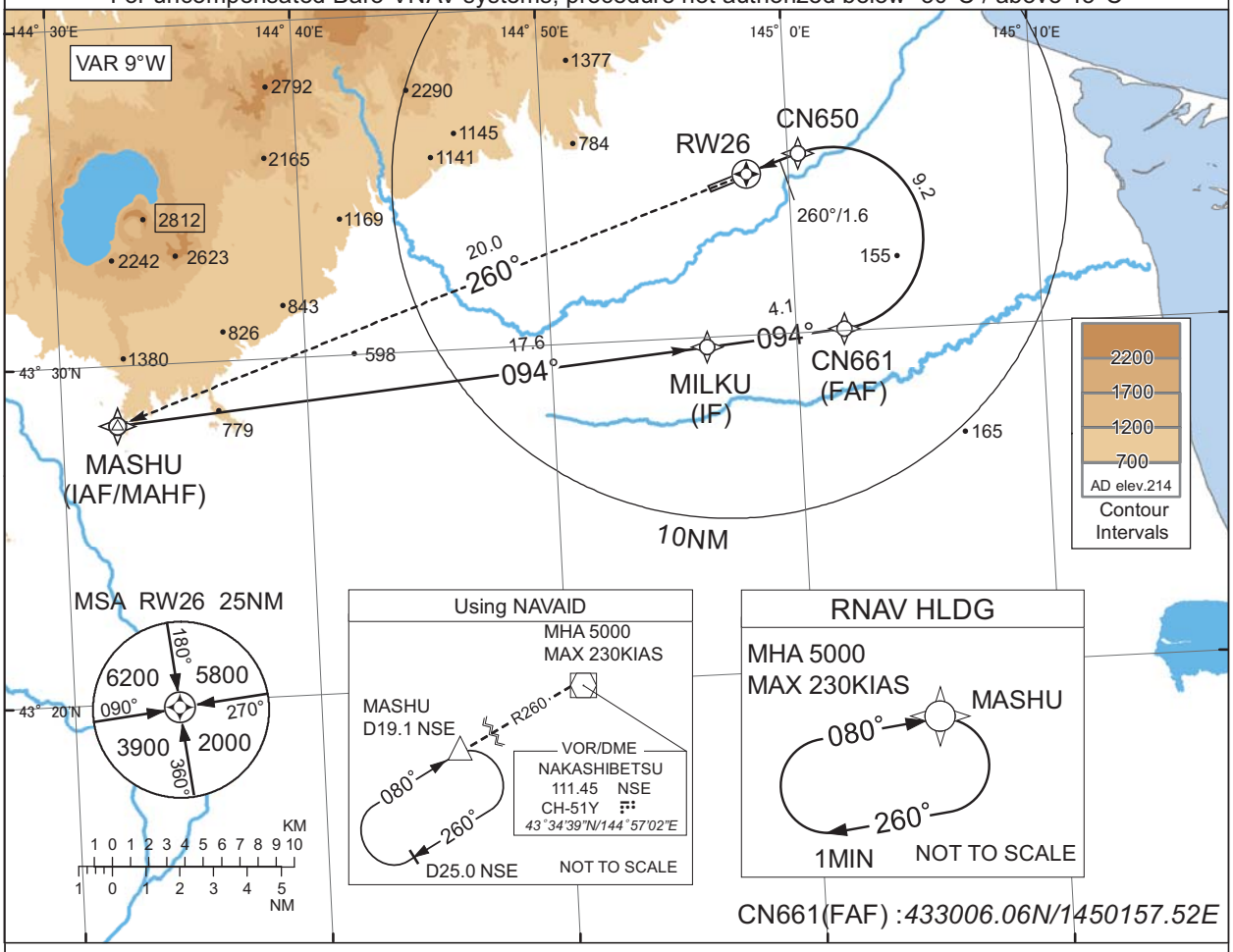
CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU — RNP Z RWY26(AR)

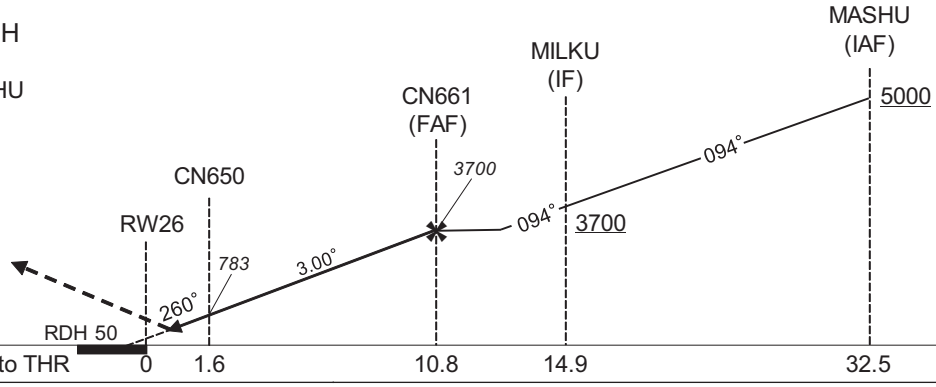
SAPPORO CONTROL 128.325 - 246.1 134.25 - 260.4	RNP AR RF required	NAKASHIBETSU RADIO 122.7 AFIS provided by New Chitose Airport Office	NO RADAR

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



MISSED APPROACH

Climb to 5000FT, to MASHU
and hold.
Contact NAKASHIBETSU
RADIO.



MINIMA	THR elev. 212	AD elev. 214
CAT	RNP 0.30	
	DA(H)	CMV
A	-	-
B		
C	512(300)	1400
D		1600

Authorization Required

CHANGE : RNAV HLDG established.

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU RNP Z RWY26(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	MASHU	-	-	-9.2	-	-	+5000	-	-	-
002	TF	MILKU	-	094 (084.9)	-9.2	17.6	-	+3700	-	-	1.0
003	TF	CN661	-	094 (085.2)	-9.2	4.1	-	3700	-	-	1.0
004	RF Center: CNRF2 r=2.70NM	CN650	-	-	-9.2	9.2	L	783	-	-3.00	0.3
005	TF	RW26	Y	260 (251.0)	-9.2	1.6	-	262	-	-3.00/50	0.3
006	TF	MASHU	-	260 (251.0)	-9.2	20.0	-	5000	-	-	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	MASHU	080 (070.4)	-9.2	1.0 (-14000)	R	5000	FL140	-230 (-14000)	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*		

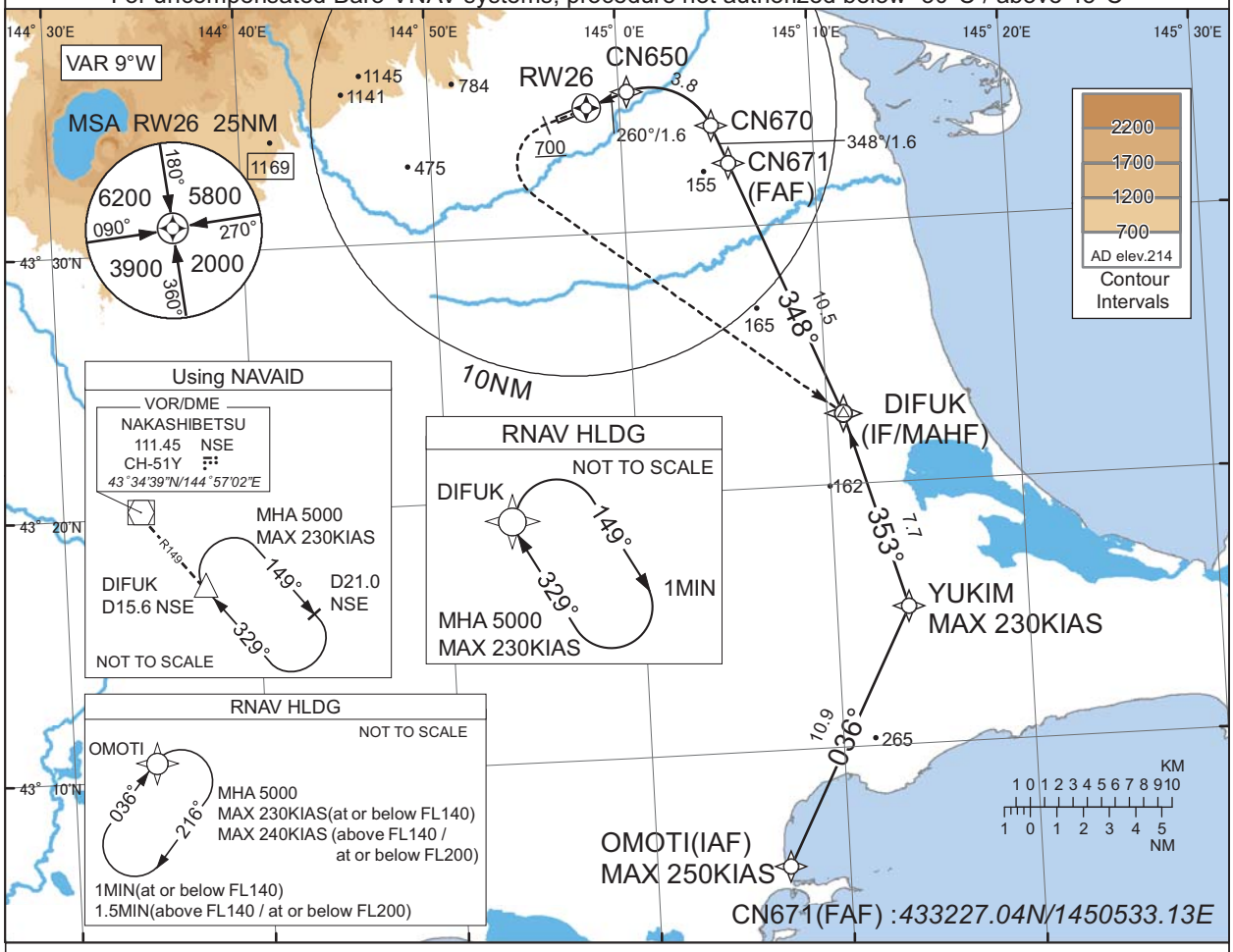
CHANGE : VAR. RNAV HLDG established.

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU — RNP Y RWY26(AR)

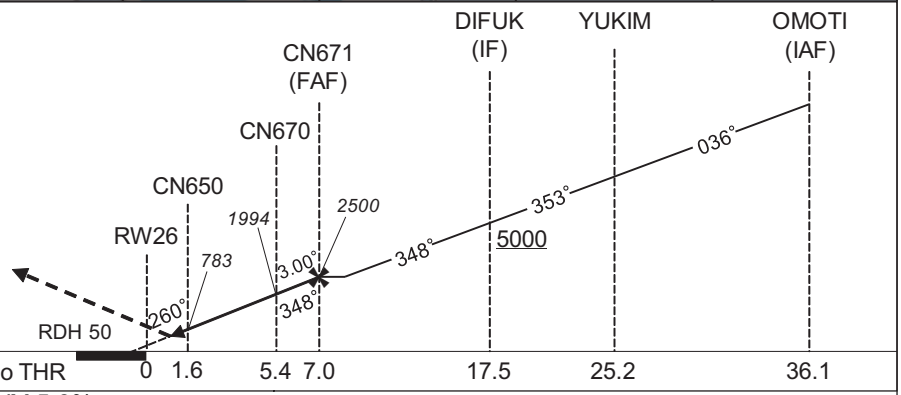
SAPPORO CONTROL 128.325 - 246.1 134.25 - 260.4	RNP AR RF required	NAKASHIBETSU RADIO 122.7 AFIS provided by New Chitose Airport Office	NO RADAR

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 RADIO.



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.

Authorization Required

CHANGE : PROC course. RNAV HLDG established(DIFUK, OMOTI). HLDG for NAVAID abolished(OMOTI).

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU RNP Y RWY26(AR)

CHANGE : VAR. PROC course. RNAV HLDG established.

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	OMOTI	-	-	-9.2	-	-	+5000	-250	-	-
002	TF	YUKIM	-	036 (027.2)	-9.2	10.9	-	+5000	-230	-	1.0
003	TF	DIFUK	-	353 (344.3)	-9.2	7.7	-	+5000	-	-	1.0
004	TF	CN671	-	348 (338.4)	-9.2	10.5	-	2500	-	-	1.0
005	TF	CN670	-	348 (338.3)	-9.2	1.6	-	1994	-	-3.00	0.3
006	RF Center: CNRF1 r=2.50NM	CN650	-	-	-9.2	3.8	L	783	-	-3.00	0.3
007	TF	RW26	Y	260 (251.0)	-9.2	1.6	-	262	-	-3.00/50	0.3
008	FA	-	-	260 (251.0)	-9.2	-	-	+700	-	-	1.0
009	DF	DIFUK	-	-	-9.2	-	L	5000	-	-	1.0

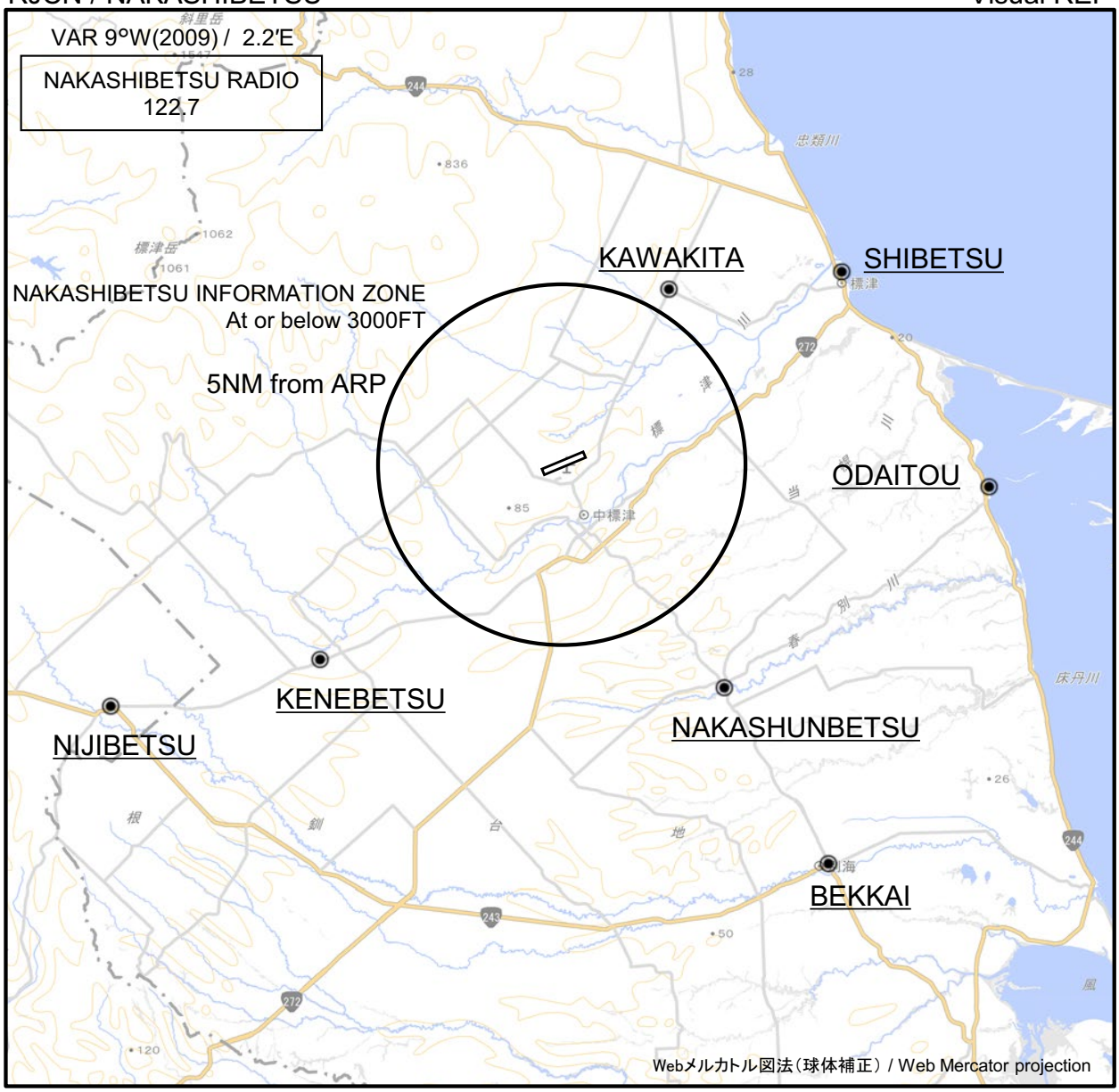
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	DIFUK	329 (320.0)	-9.2	1.0 (-14000)	R	5000	FL140	-230(-14000)	1.0
Hold	OMOTI	036 (027.1)	-9.2	1.0 (-14000) 1.5 (-20000)	R	5000	FL200	-230(-14000) -240(-20000)	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

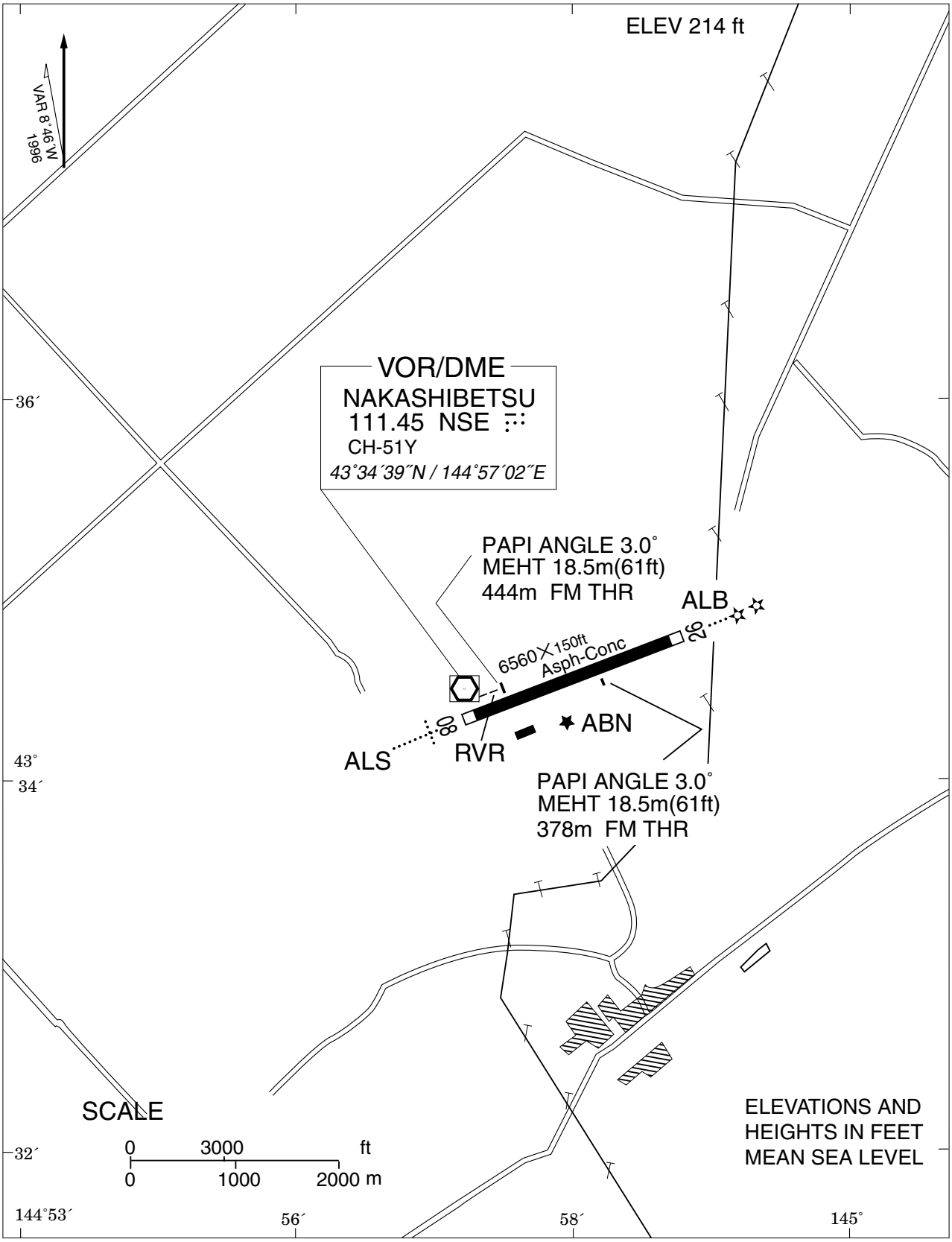


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

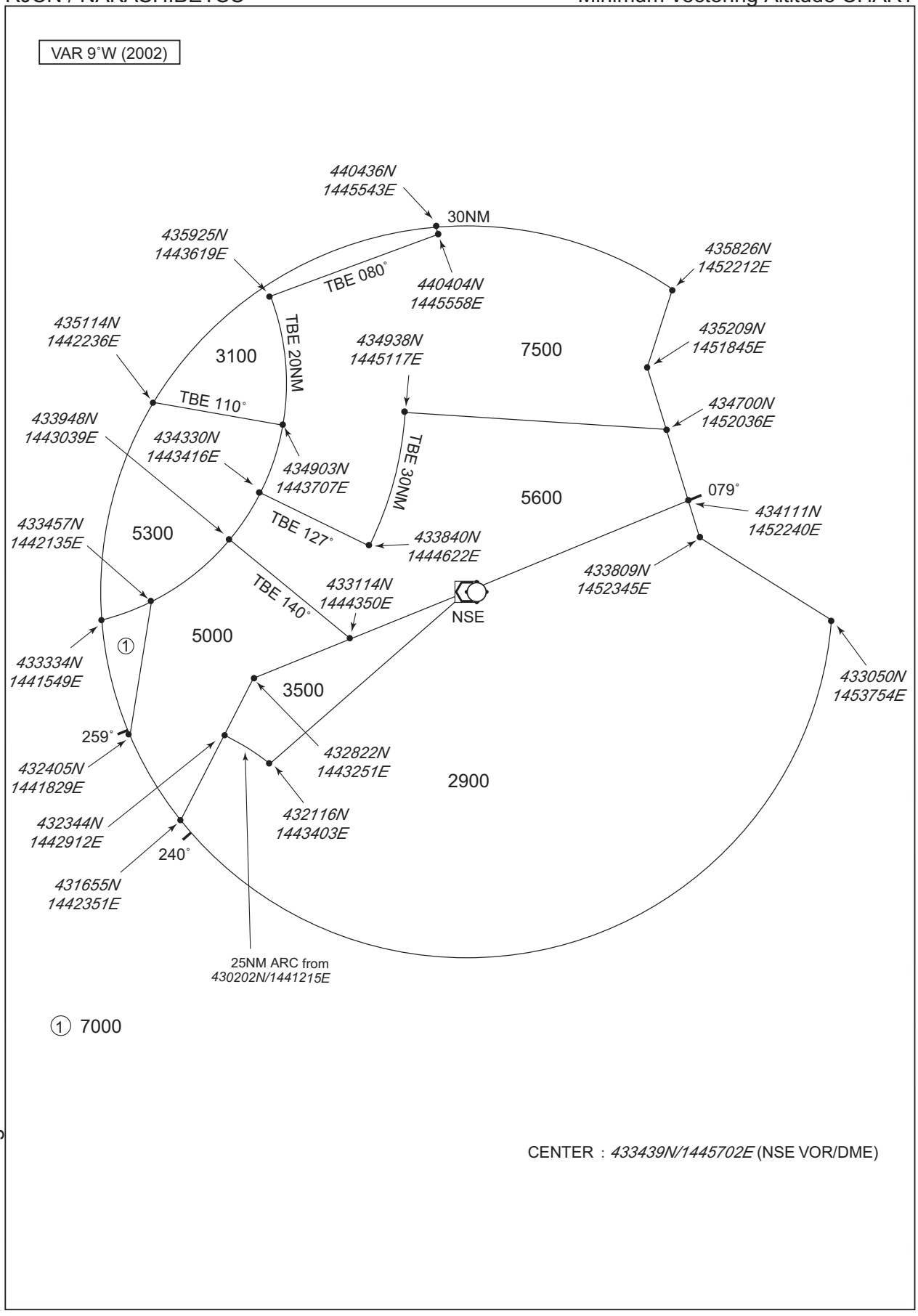
CHANGE : Call sign(REMOTE→RADIO).

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 LDG CHART



RJCN / NAKASHIBETSU Minimum Vectoring Altitude CHART



CHANGE : Bearing FM KSE deleted.