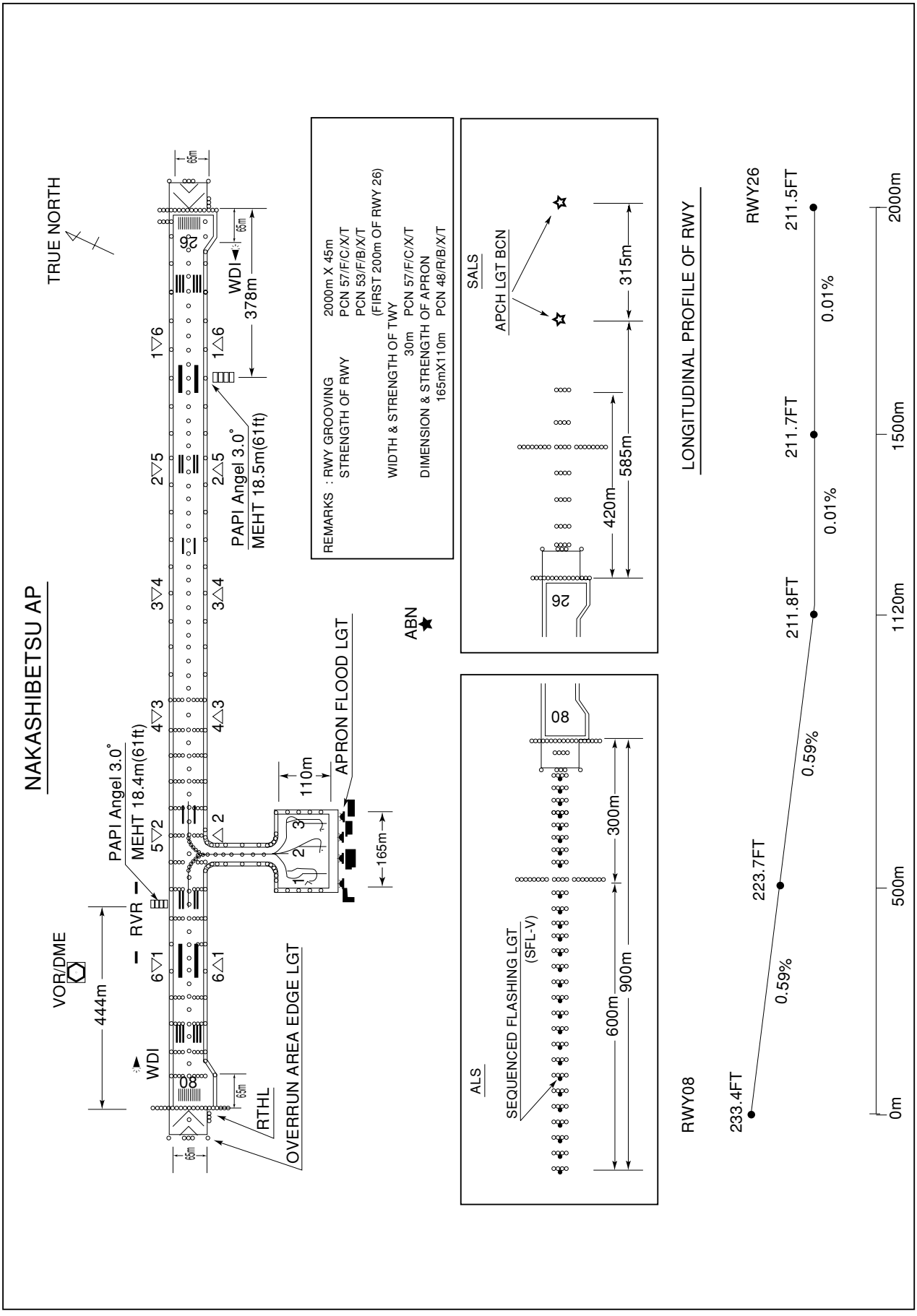
RJCN / NAKASHIBETSU AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

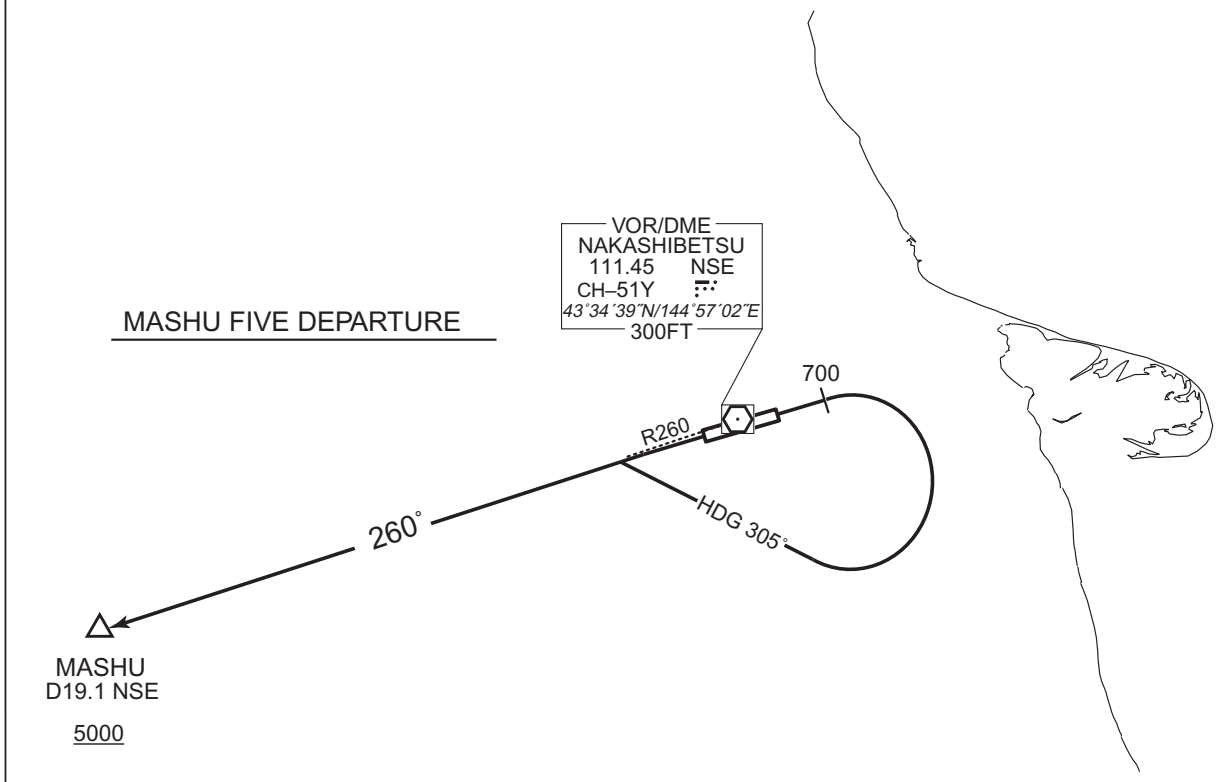
RJCN / NAKASHIBETSU SID

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 .

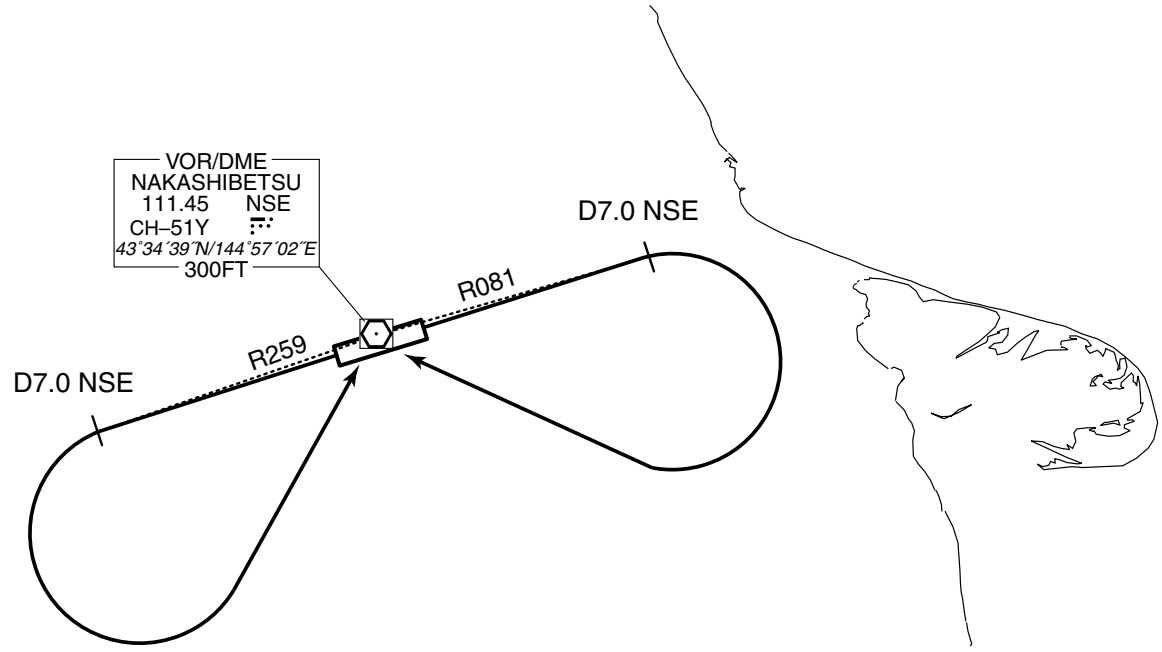
STANDARD DEPARTURE CHART-INSTRUMENT

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

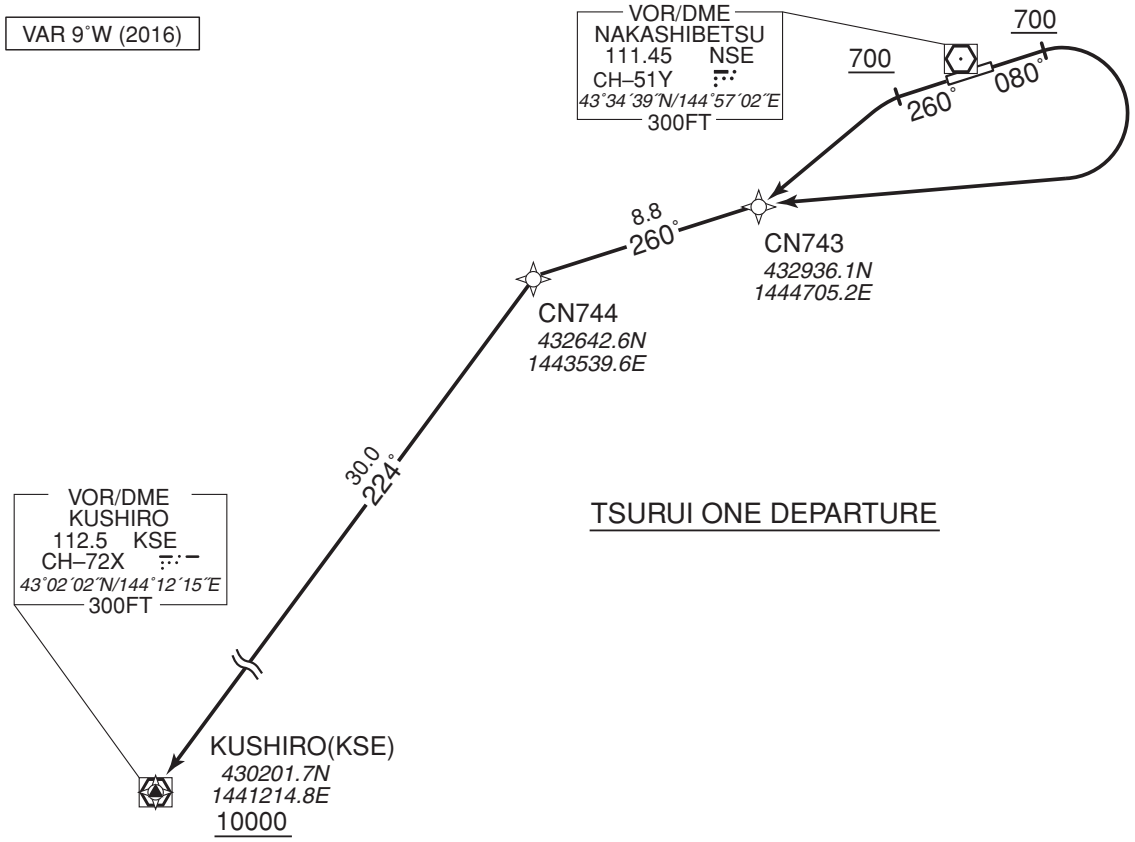


STANDARD DEPARTURE CHART-INSTRUMENT

RJCN / NAKASHIBETSU RNAV SID

TSURUI ONE DEPARTURE	Basic RNP1

Note GNSS required.



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

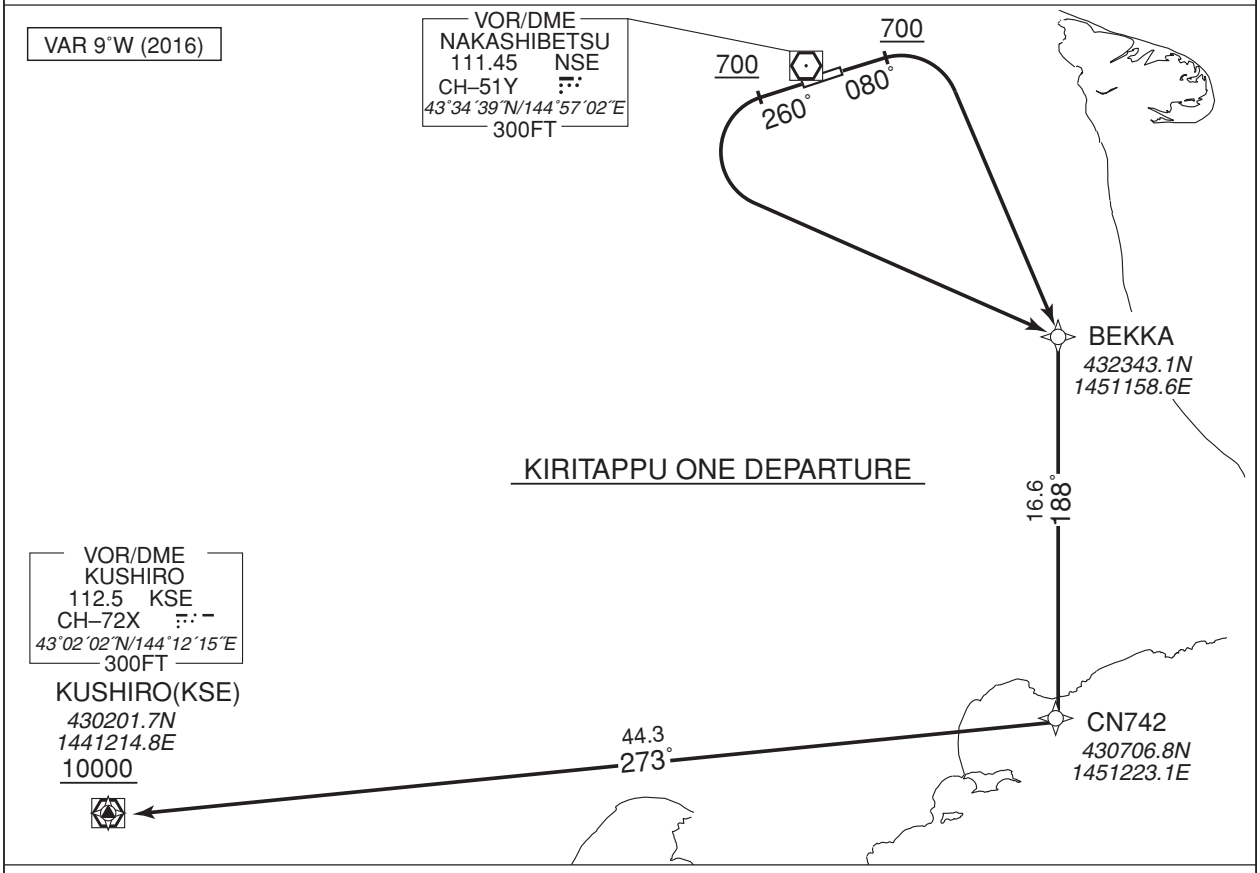
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course ˚M(˚T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	–	–	260 (251.0)	-8.9	–	–	+700	–	–	Basic RNP1
002	DF	CN743	–	—	-8.9	–	L	–	–	–	Basic RNP1
003	TF	CN744	–	260 (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.



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)

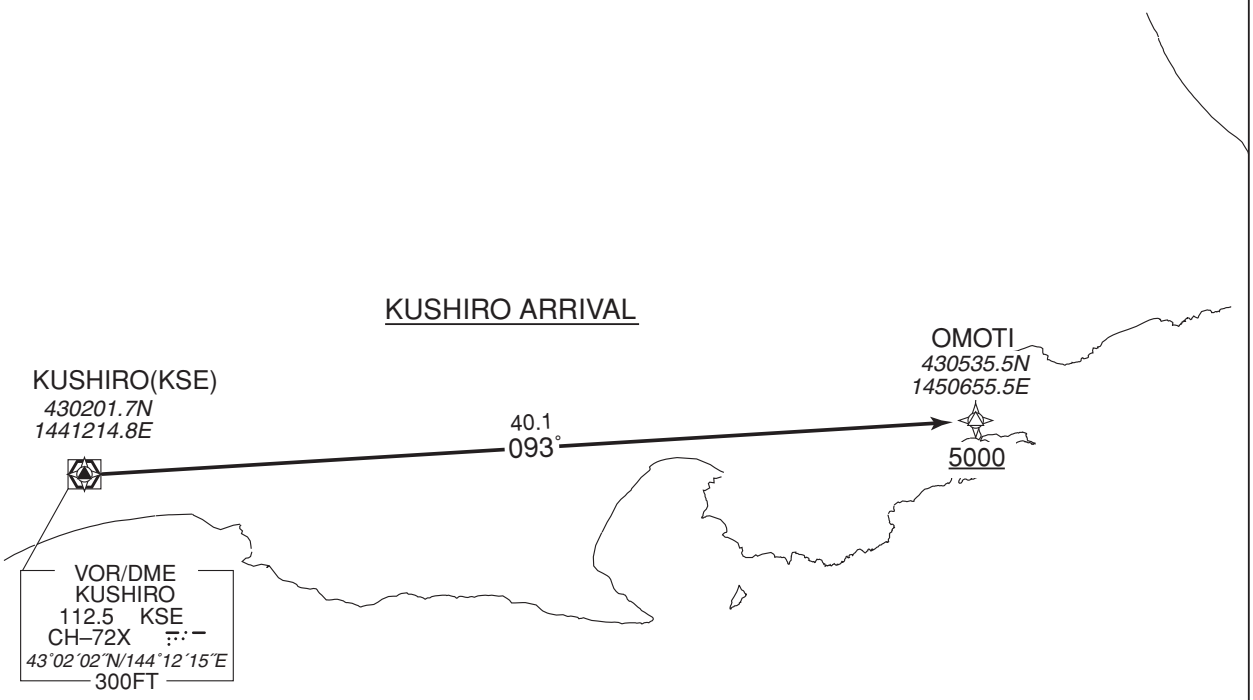
STANDARD ARRIVAL CHART - INSTRUMENT

RJCN / NAKASHIBETSU RNAV STAR

KUSHIRO ARRIVAL	Basic RNP1

Note GNSS required.

VAR 9°W (2016)



KUSHIRO ARRIVAL

From KSE, to OMOTI at or above 5000FT.

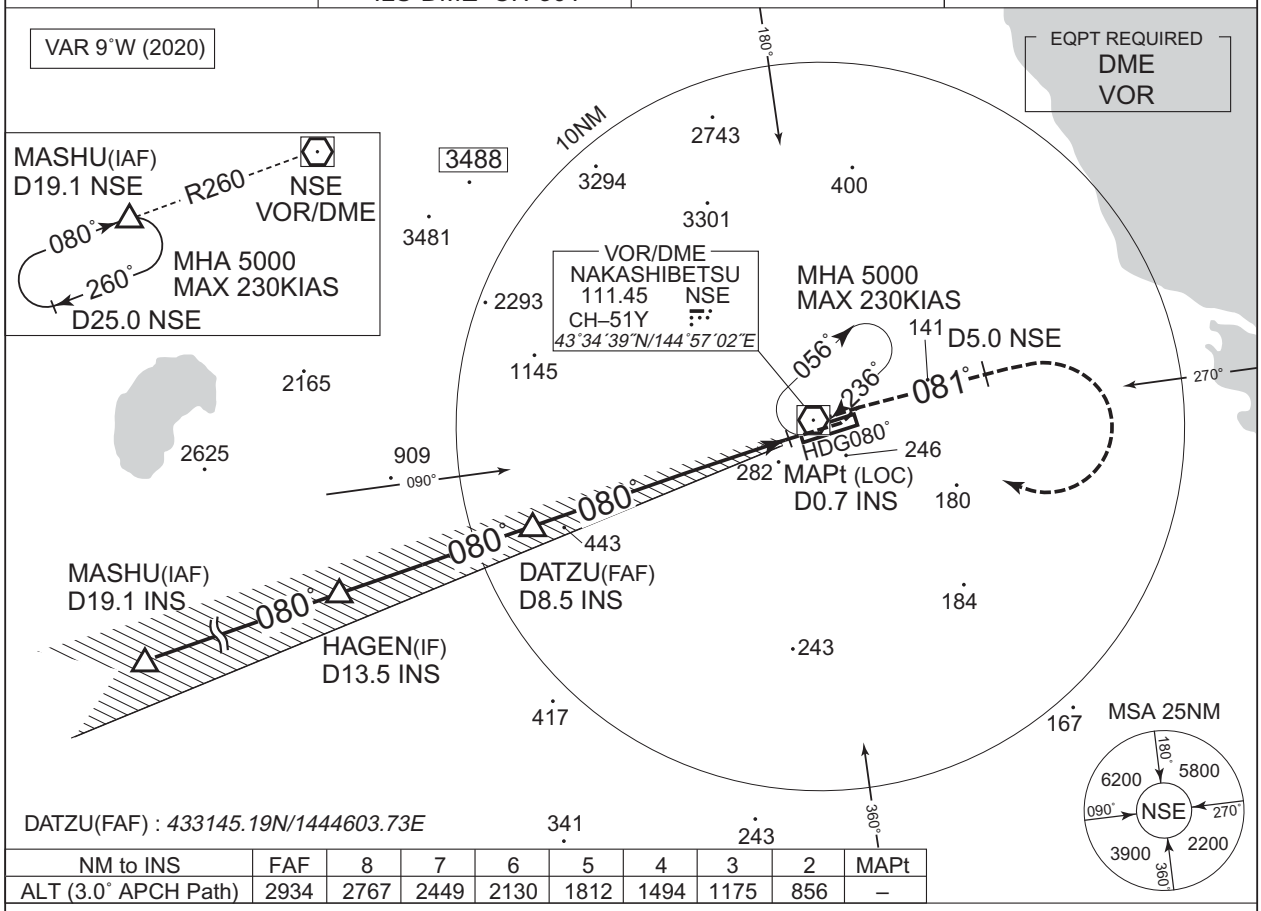
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	KSE	–	–	-8.9	–	–	–	–	–	Basic RNP1
002	TF	OMOTI	–	093 (084.6)	-8.9	40.1	–	+5000	–	–	Basic RNP1

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

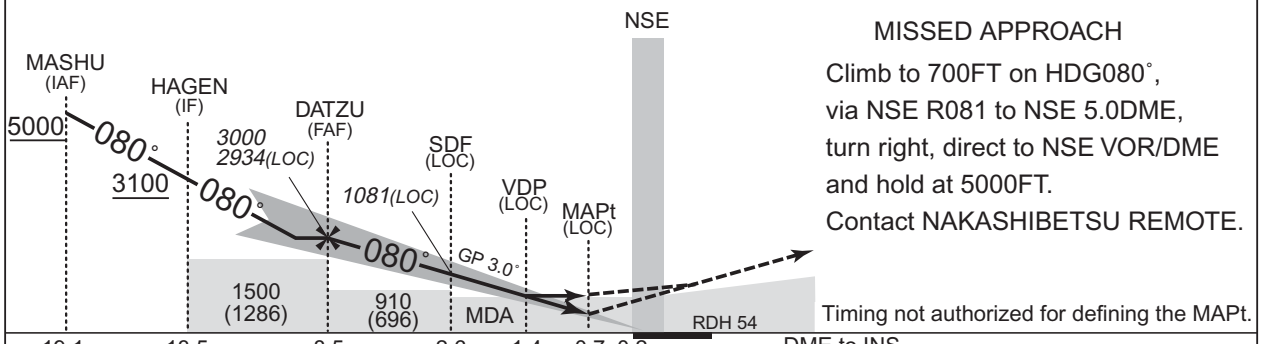
ILS Z or LOC Z RWY08

SAPPORO CONTROL	ILS / LOC	NAKASHIBETSU REMOTE	NO RADAR
128.325 – 246.1 134.25 – 260.4	109.35 INS ILS – GP 331.85 ILS-DME CH-30Y	122.7	



DATZU(FAF) : *433145.19N/1444603.73E*

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 REMOTE.

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

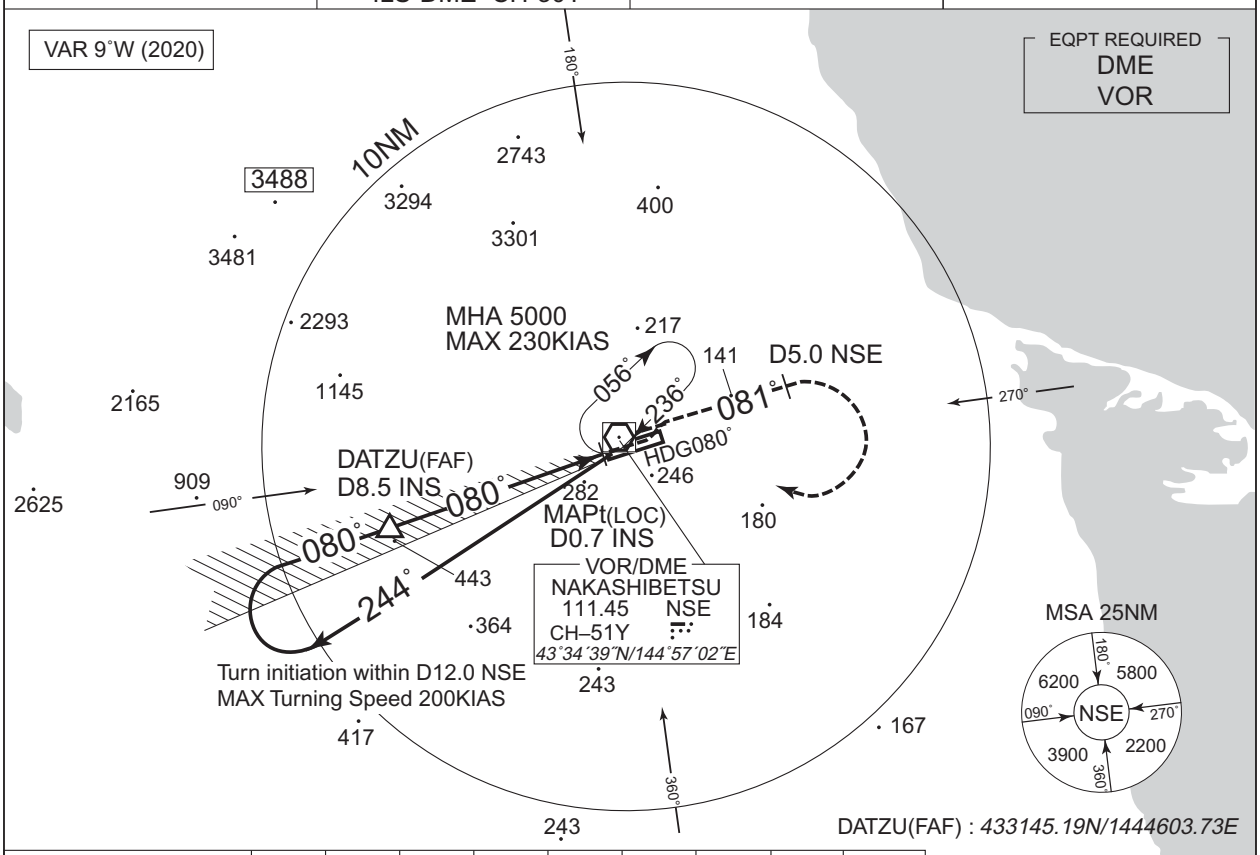
CHANGE : VAR. Radial FM NSE. Bearing on HOLD Pattern.

INSTRUMENT APPROACH CHART

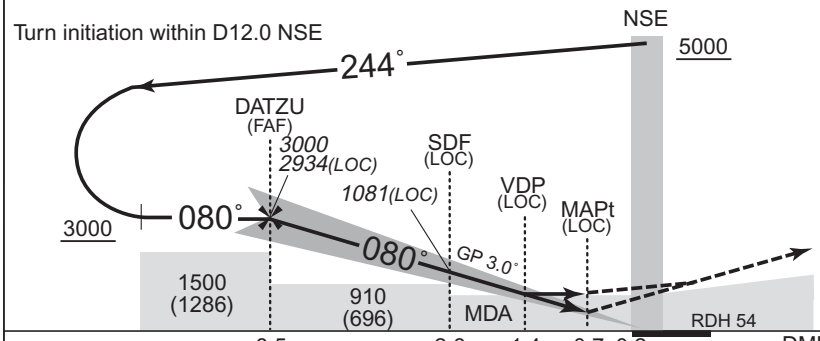
RJCN / NAKASHIBETSU

ILS Y or LOC Y RWY08

SAPPORO CONTROL	ILS / LOC	NAKASHIBETSU REMOTE	NO RADAR
128.325 – 246.1 134.25 – 260.4	109.35 INS ILS – GP 331.85 ILS-DME CH-30Y	122.7	



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 REMOTE.

Timing not authorized for defining the MAPt.

8.5	2.6	1.4	0.7	0.2		DME to INS
8.3	2.5	1.2	0.5	0		NM to THR

MINIMA THR elev. 233 AD elev. 214

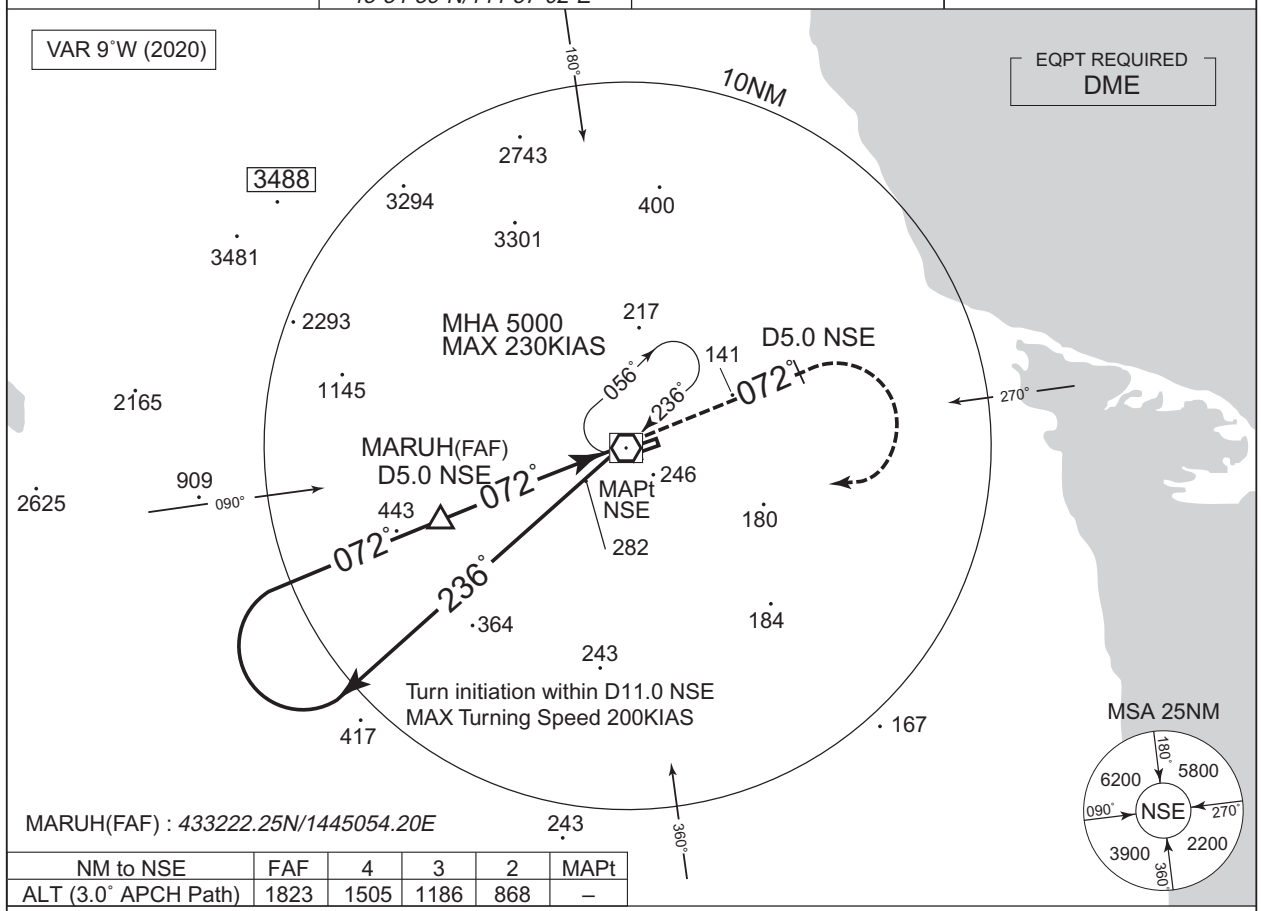
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	433 (200)	550	640 (426)	900	690 (476)	1600
B				1000		
C						2400
D				1400	770 (556)	3200

CHANGE : VAR. Bearing on HOLD Pattern.

INSTRUMENT APPROACH CHART

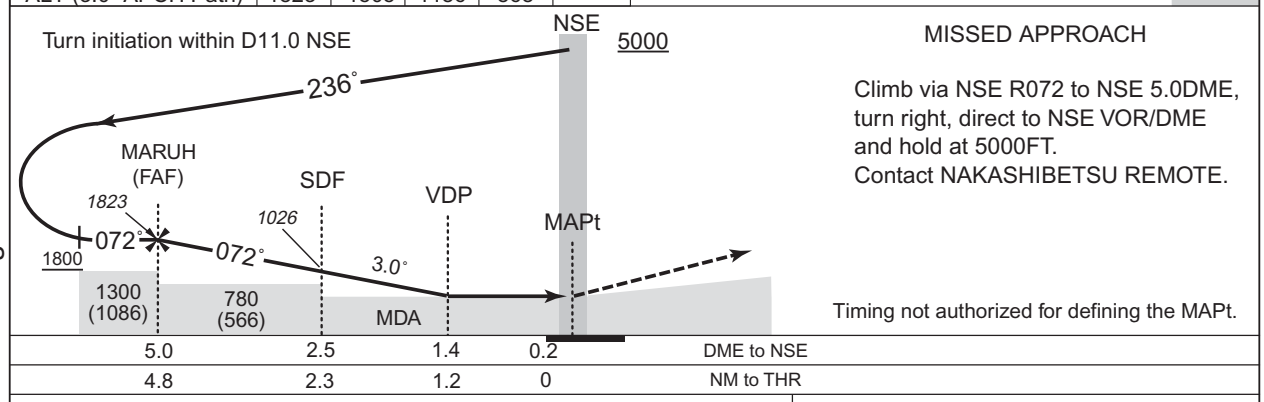
RJCN / NAKASHIBETSU VOR RWY08

SAPPORO CONTROL	NAKASHIBETSU VOR/DME	NAKASHIBETSU REMOTE	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	



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 REMOTE.

Timing not authorized for defining the MAPt.

MINIMA THR elev. 233 AD elev. 214

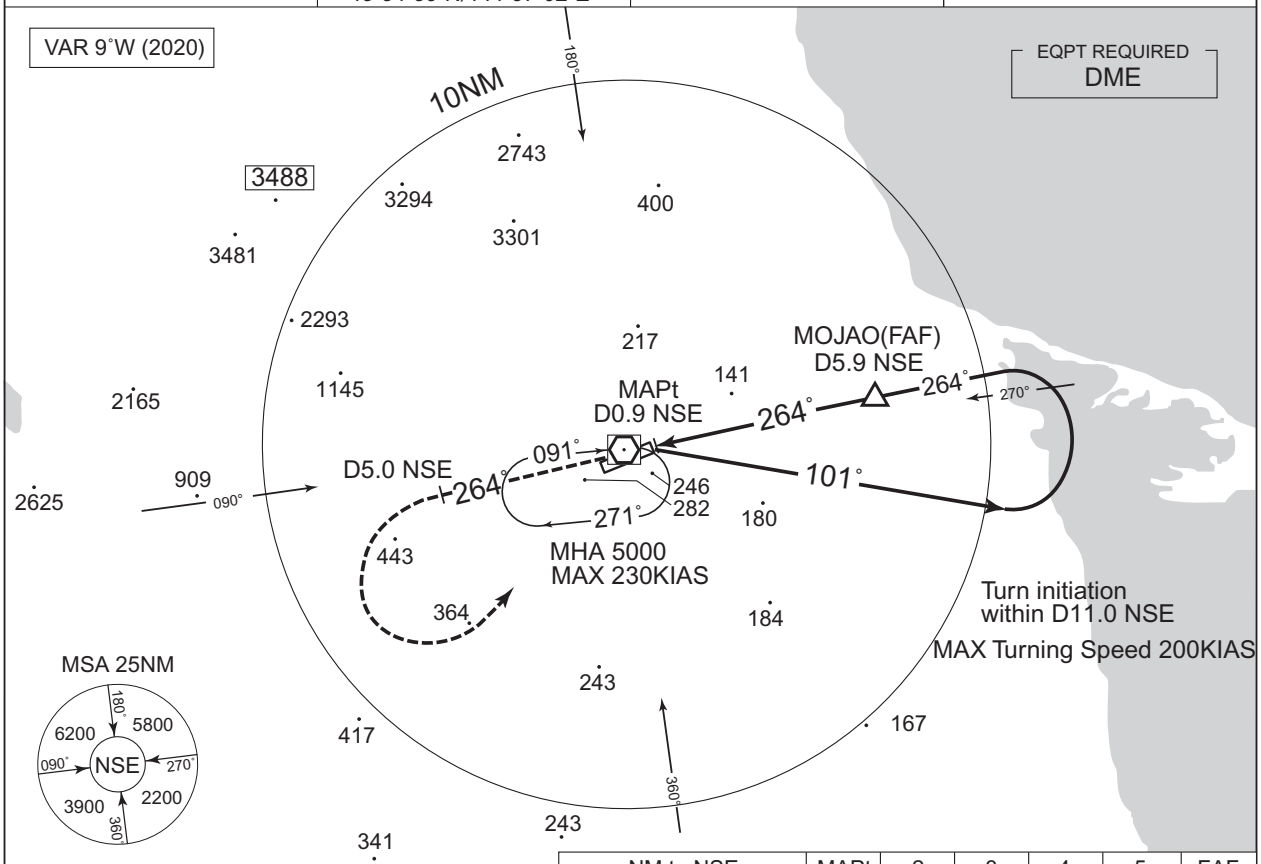
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	640 (426)	900	690 (476)	1600
B		1000		
C				2400
D	650 (436)	1400	770 (556)	3200

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

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU — VOR RWY26

SAPPORO CONTROL	NAKASHIBETSU VOR/DME	NAKASHIBETSU REMOTE	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	

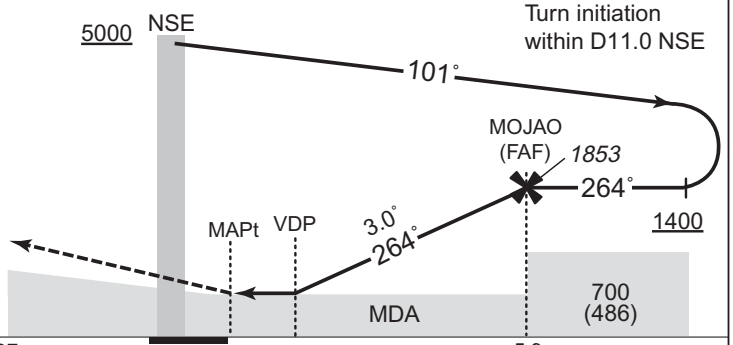


NM to NSE	MAPt	2	3	4	5	FAF
ALT (3.0˚ APCH Path)	–	602	920	1239	1557	1853

MISSED APPROACH

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

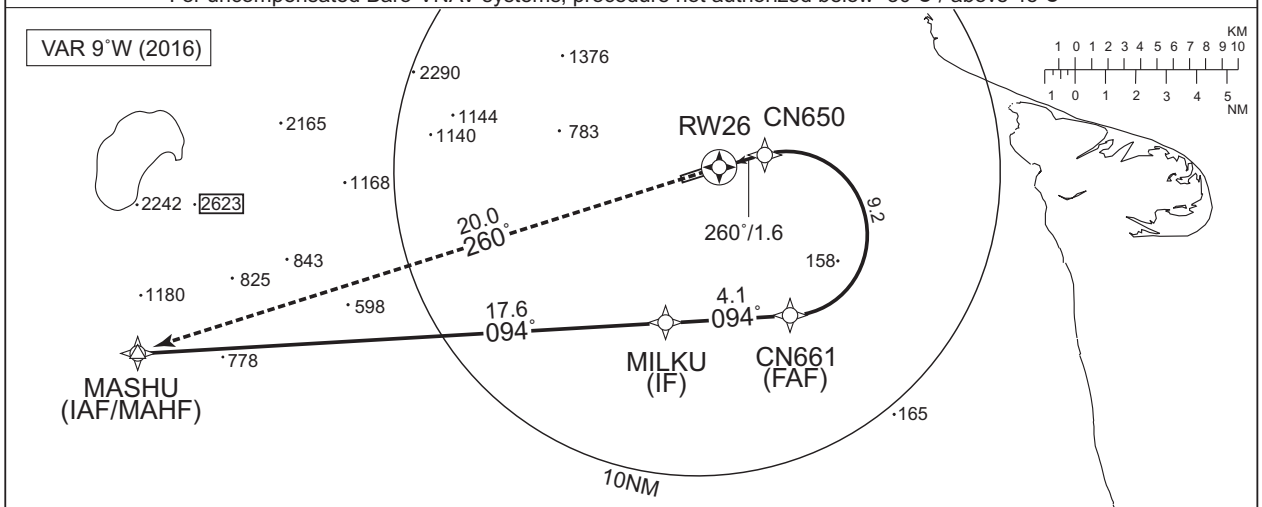
CHANGE : VAR.

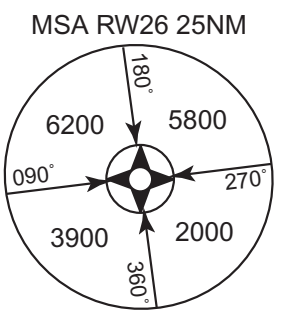
INSTRUMENT APPROACH CHART

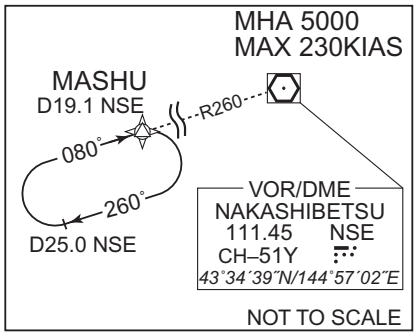
RJCN / NAKASHIBETSU — RNAV(RNP) Z RWY26

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

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



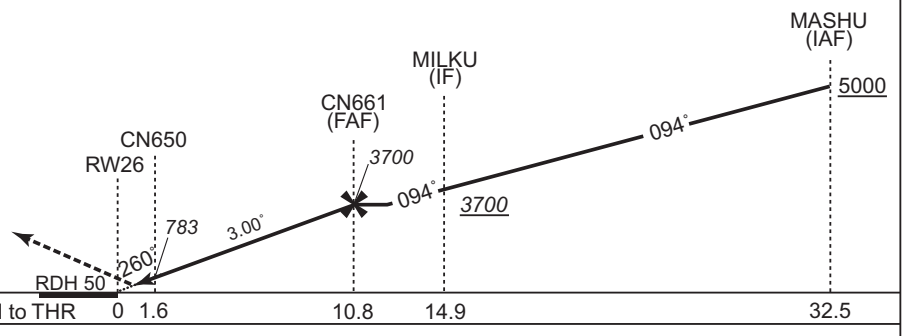




CN661(FAF) : *433006.06N/1450157.52E*

MISSED APPROACH

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



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

RNP AR

Special Authorization Required

CHANGE : Radial FM NSE. Bearing on HOLD Pattern .

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU RNAV(RNP) Z RWY26

RNAV(RNP) Z RWY26

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	–	–	-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

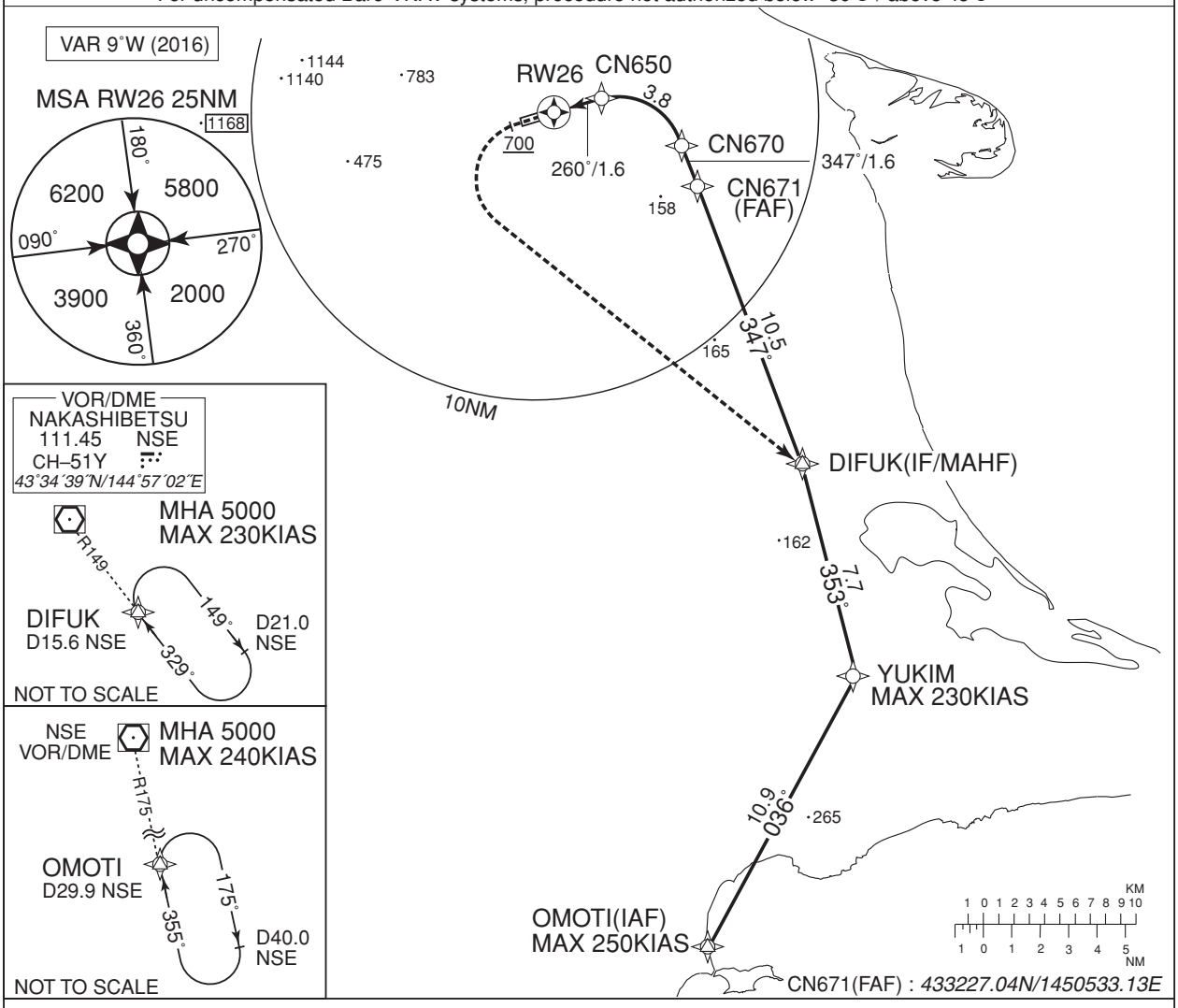
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
MASHU	*432815.18N/1443214.49E*	CNRF2	*433247.93N/1450139.17E*
MILKU	*432945.72N/1445620.67E*		
CN661	*433006.06N/1450157.52E*		
CN650	*433521.30N/1450025.71E*		
RW26	*433449.27N/1445817.40E*		

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU RNAV(RNP) Y RWY26

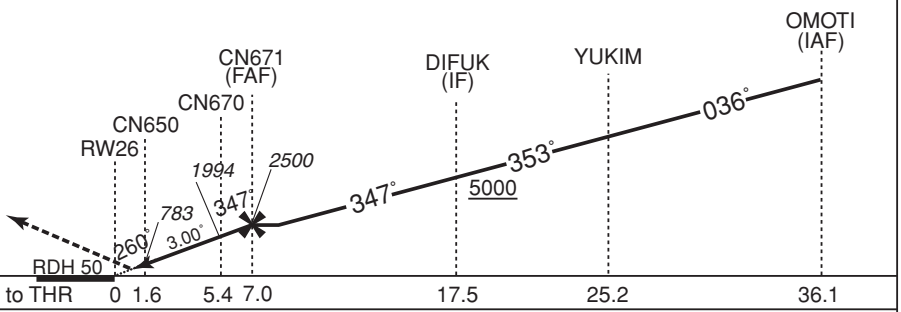
SAPPORO CONTROL	GNSS and RF required.	NAKASHIBETSU REMOTE	NO RADAR
128.325 – 246.1 134.25 – 260.4		122.7	

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



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 RWY26

Coding Table

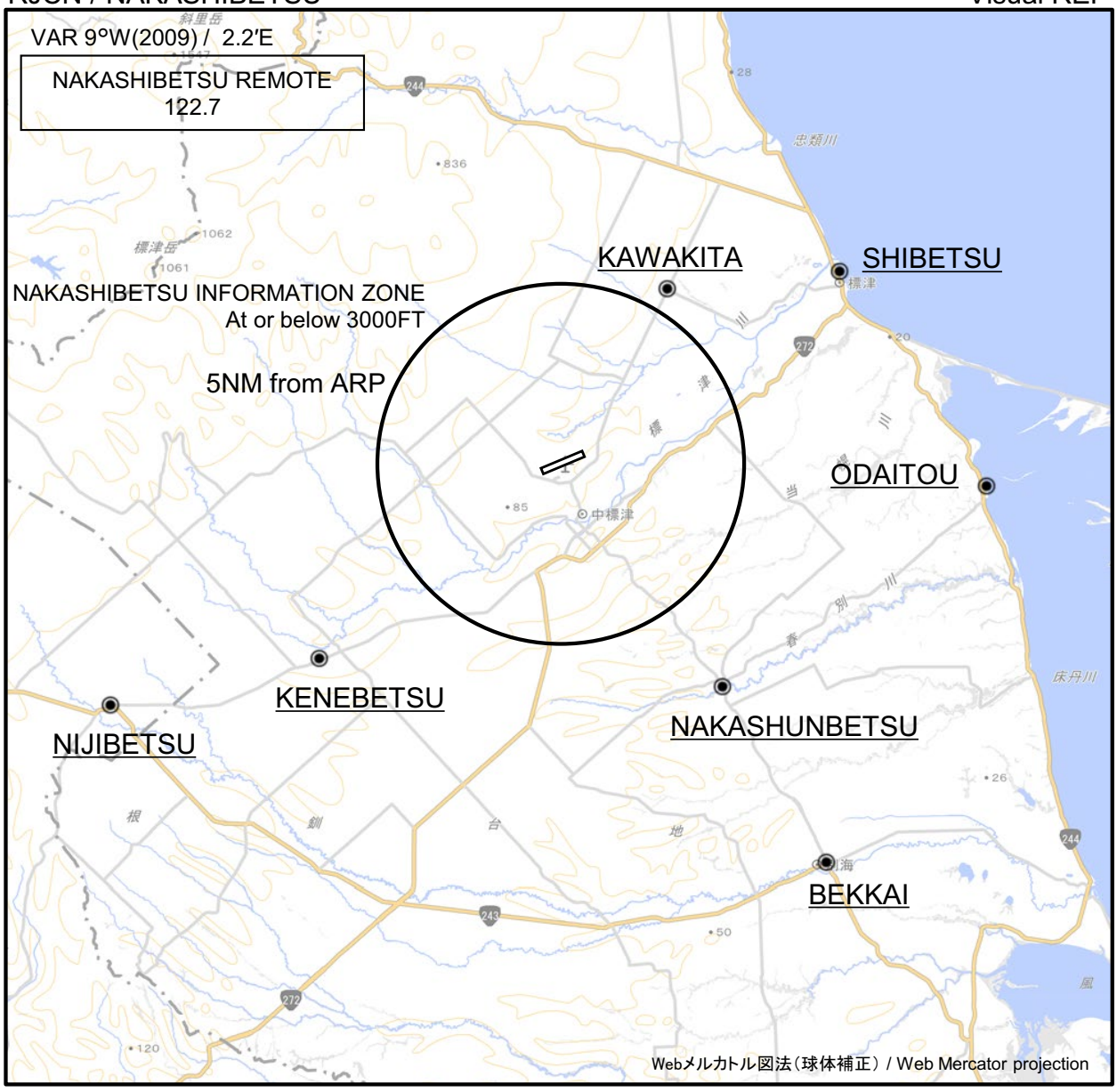
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	OMOTI	–	–	-8.9	–	–	+5000	-250	–	–
002	TF	YUKIM	–	036 (027.2)	-8.9	10.9	–	+5000	-230	–	1.0
003	TF	DIFUK	–	353 (344.3)	-8.9	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

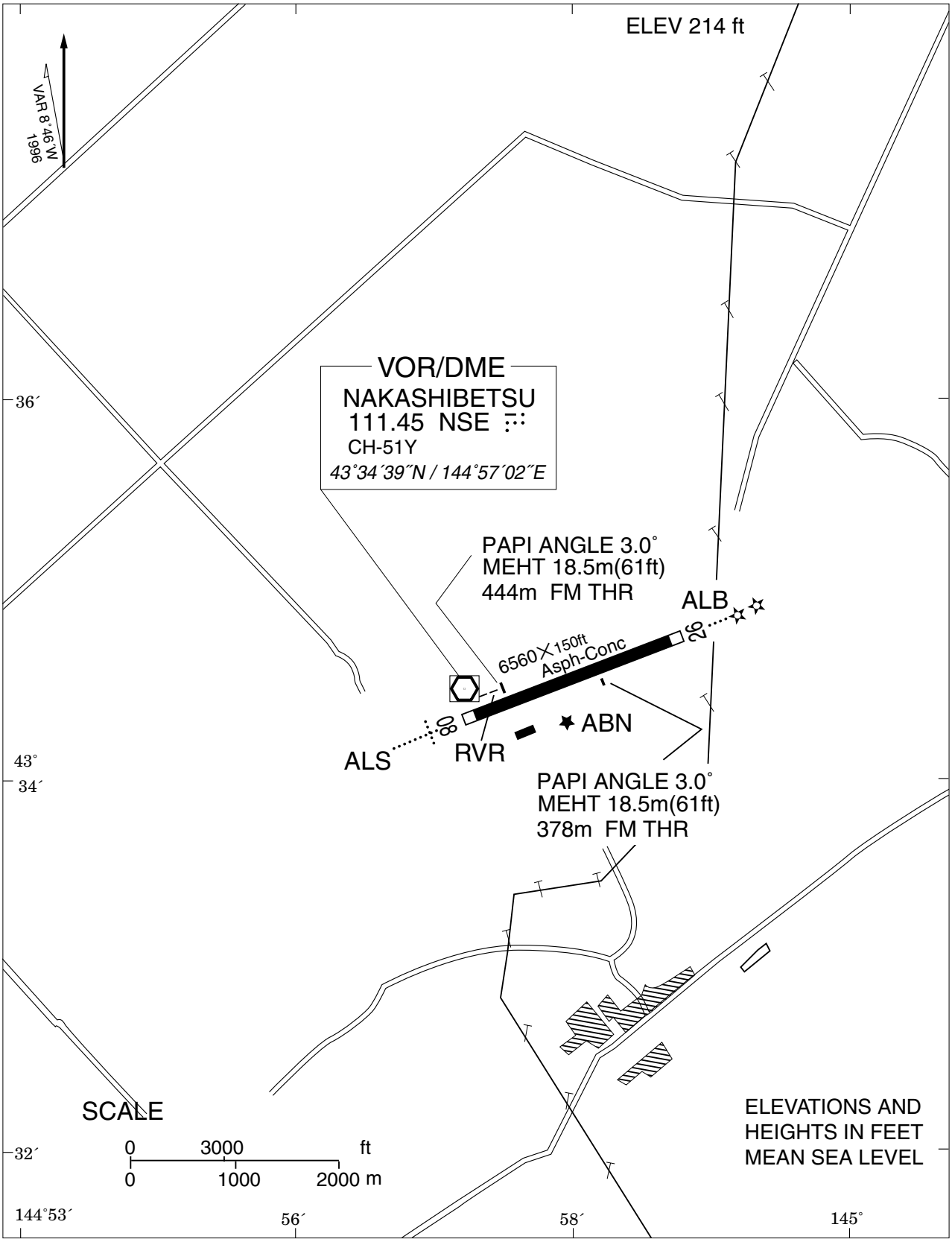
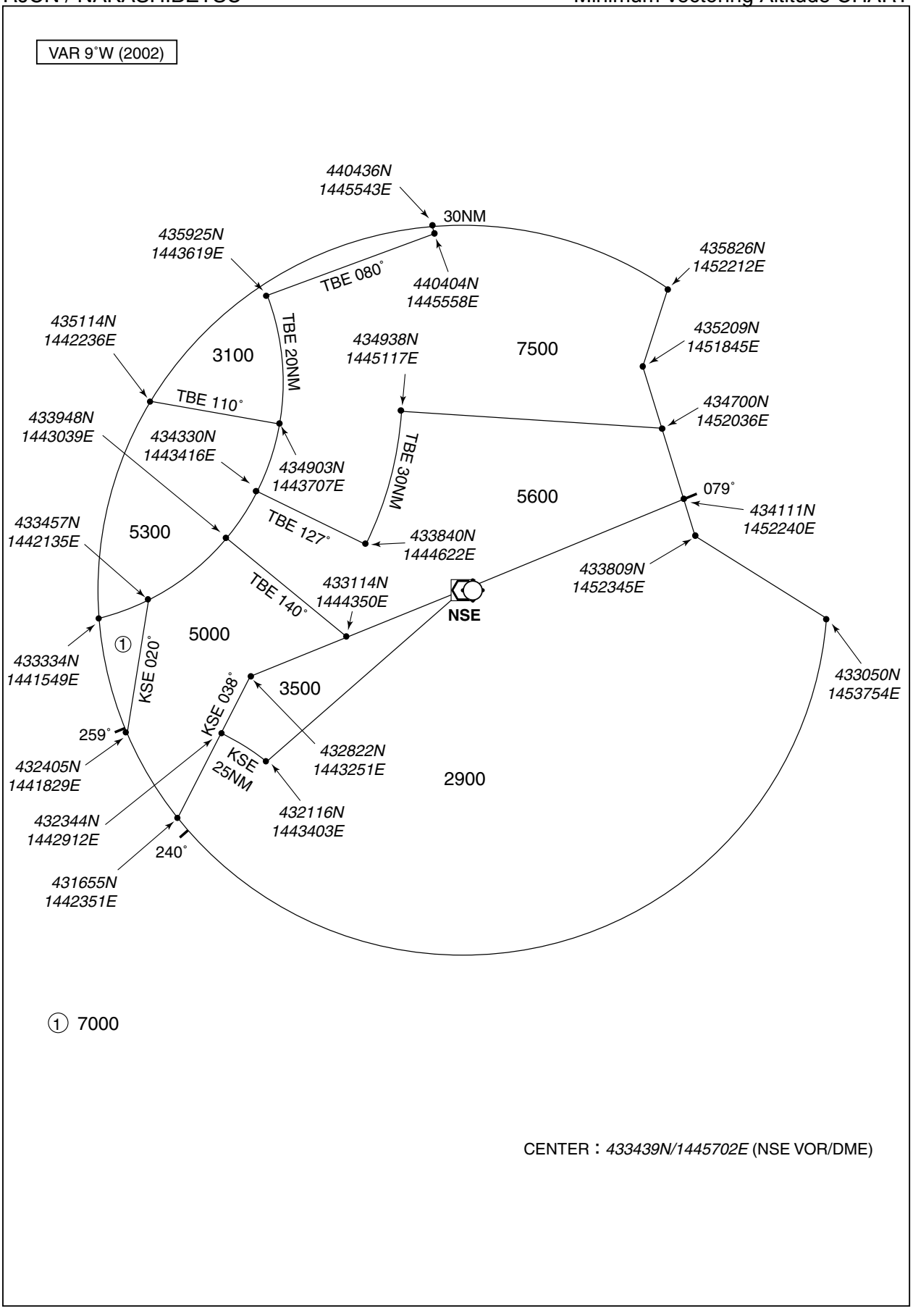


※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

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 LDG CHART



RJCN / NAKASHIBETSU Minimum Vectoring Altitude CHART