

## RJCN / NAKASHIBETSU

## AD CHART



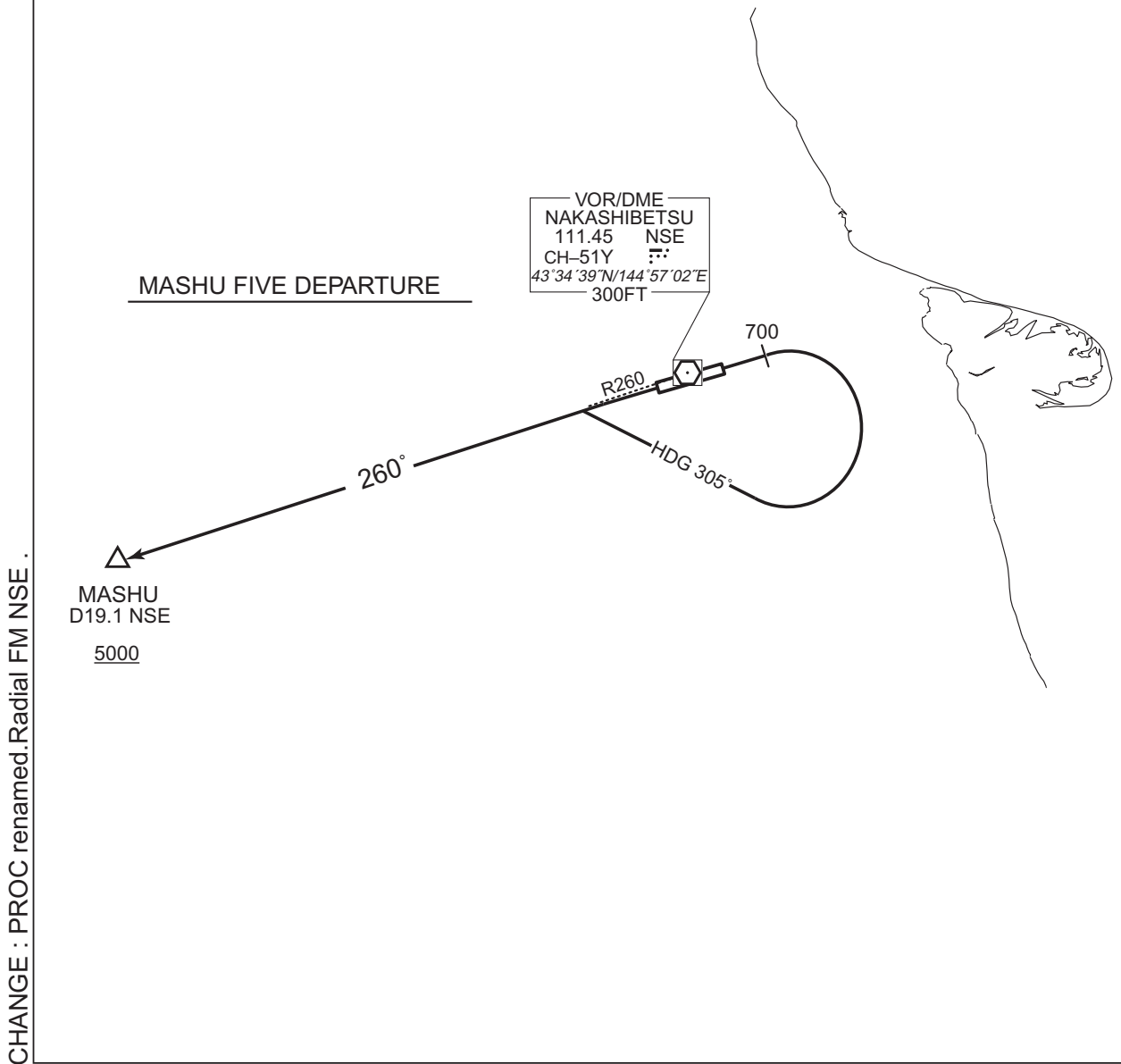
STANDARD DEPARTURE CHART-INSTRUMENT

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.



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

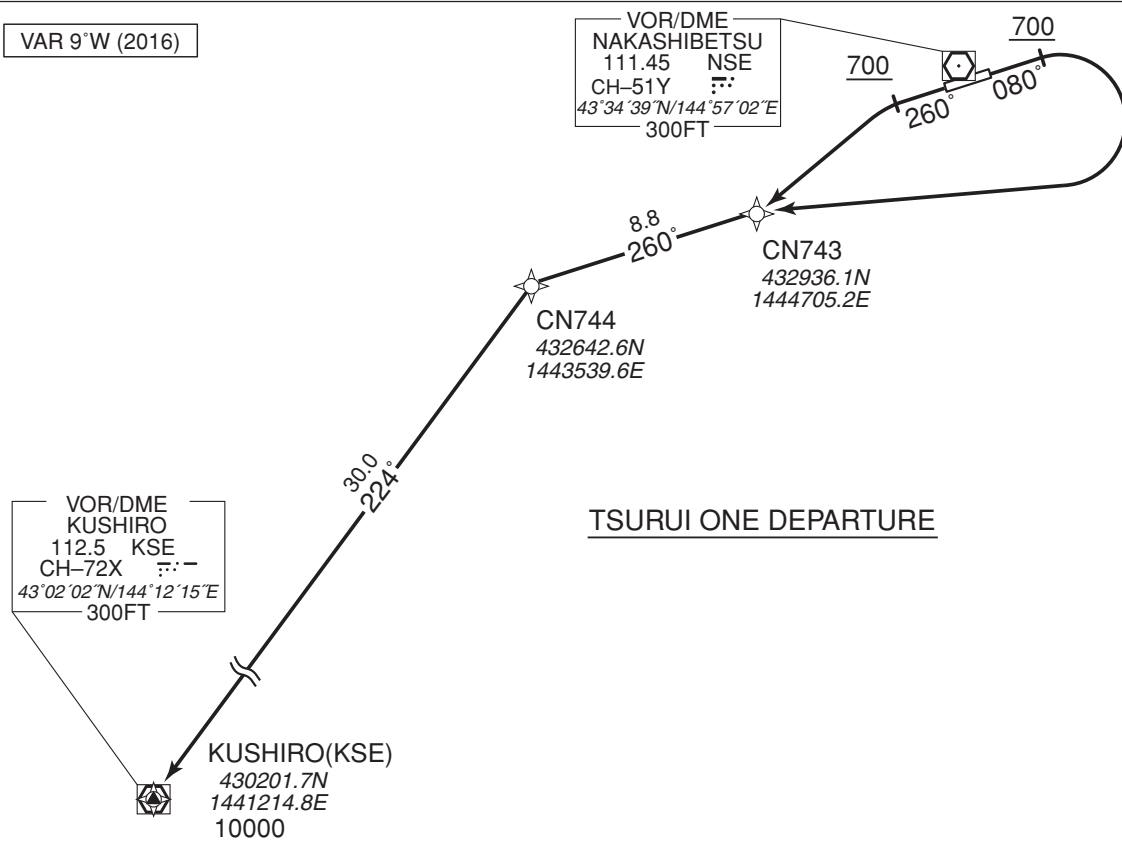
RNAV SID

## 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

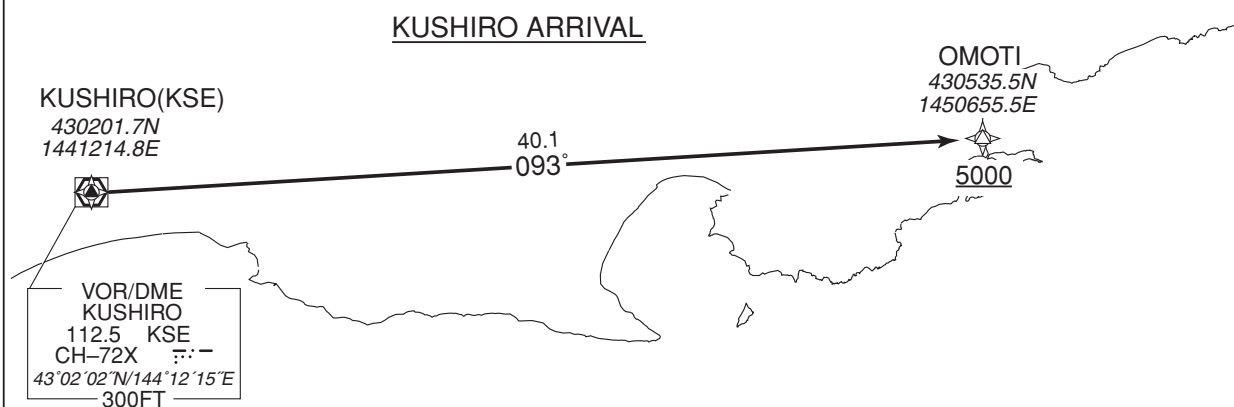
CHANGE: Marginal note (Title)

## RJCN / NAKASHIBETSU

RNAV STAR

## Basic RNP1

VAR 9°W (2016)



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

## RJCN / NAKASHIBETSU

SAPPORO CONTROL  
128.325 – 246.1  
134.25 – 260.4

ILS / LOC  
109.35 INS ::  
ILS – GP 331.85  
ILS-DME CH-30Y

NAKASHIBETSU REMOTE  
122.7

NO RADAR

VAR 9°W (2020)

MASHU(IAF)  
D19.1 NSE  
D25.0 NSE

NSE  
VOR/DME

MHA 5000  
MAX 230KIAS

3488

3481

2293

1145

909

2625

2165

341

243

167

2743

3294

3301

400

184

246

180

282

443

417

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

MHA 5000  
MAX 230KIAS

D5.0 NSE

HDG080°

MAPt (LOC)  
D0.7 INS

081°

056°

236°

141°

270°

MASHU(IAF)  
D19.1 INS

HAGEN(IF)  
D13.5 INS

DATZU(FAF)  
D8.5 INS

MSA 25NM

6200

5800

3900

2200

NSE

180°

090°

270°

360°

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	–

MASHU  
(IAF)

HAGEN  
(IF)

DATZU  
(FAF)

SDF  
(LOC)

VDP  
(LOC)

MAPt  
(LOC)

5000

3100

3000  
2934(LOC)

1081(LOC)

GP 3.0°

1500  
(1286)

910  
(696)

MDA

RDH 54

NSE

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.

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

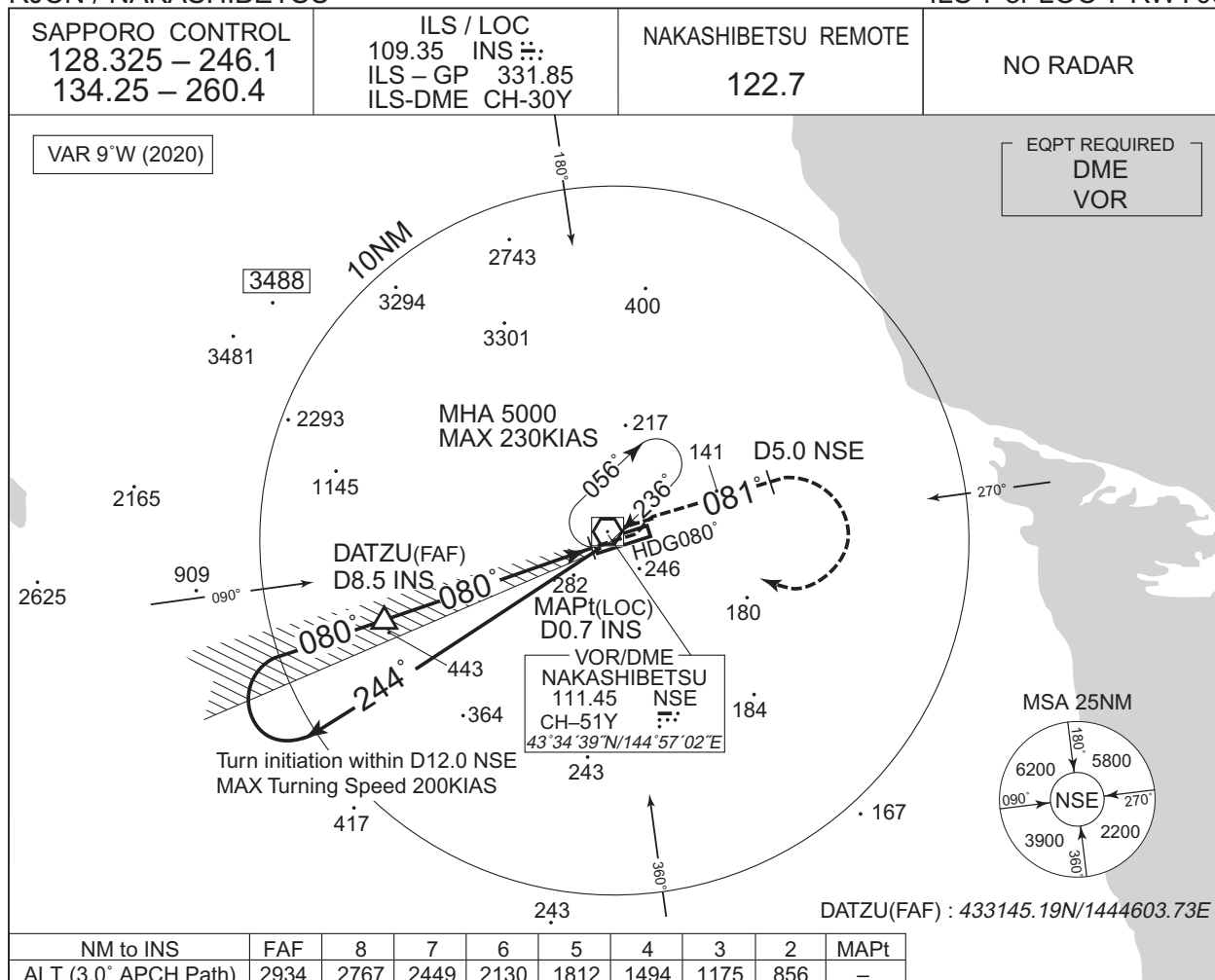
AD elev. 214

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

## INSTRUMENT APPROACH CHART

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ILS Y or LOC Y RWY08



CHANGE : VAR. Bearing on HOLD Pattern.



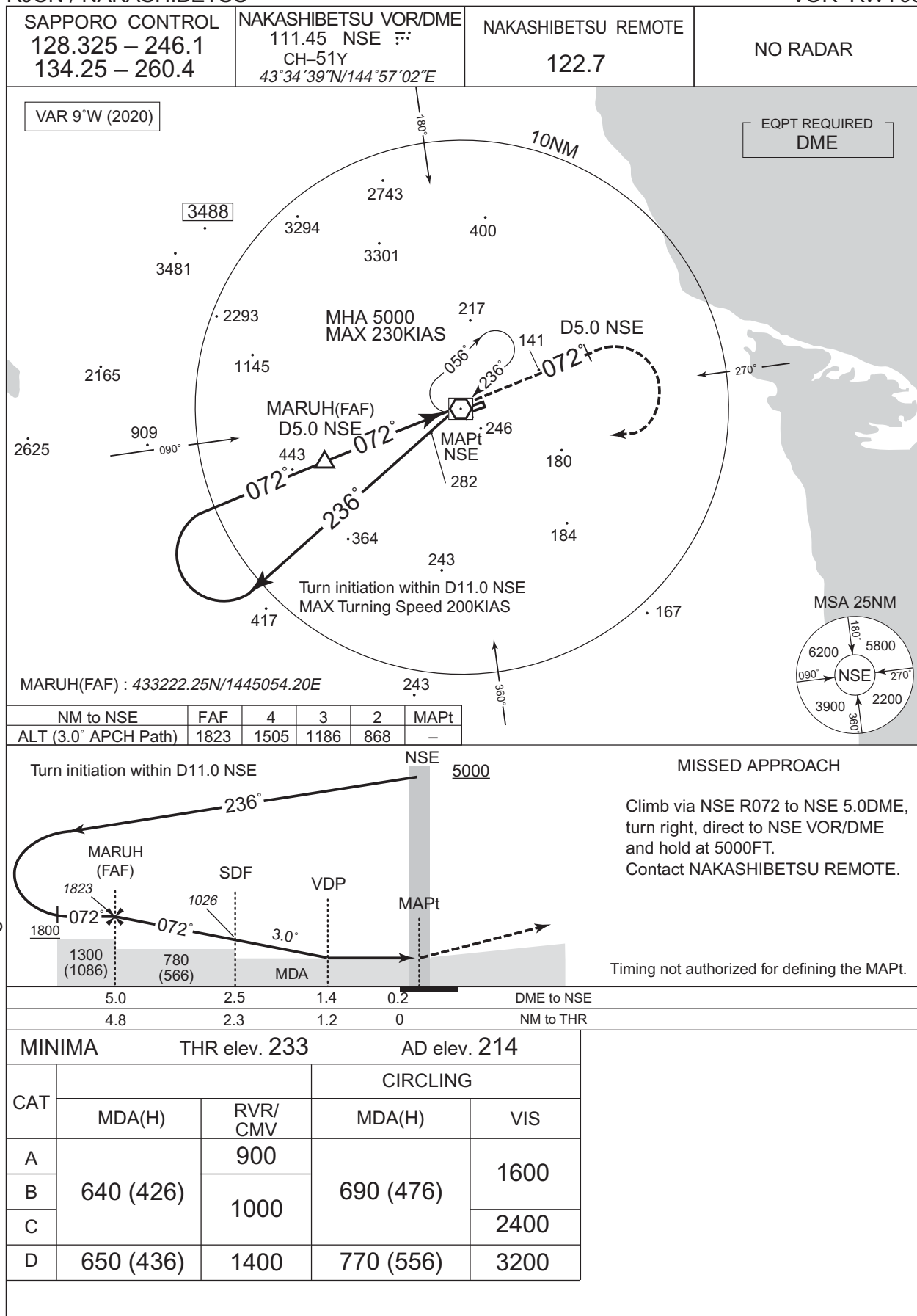
MINIMA		THR elev. 233		AD elev. 214		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	433 (200)	550	640 (426)	900	690 (476)	1600
B				1000		2400
C						
D				1400	770 (556)	3200



INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

VOR RWY08

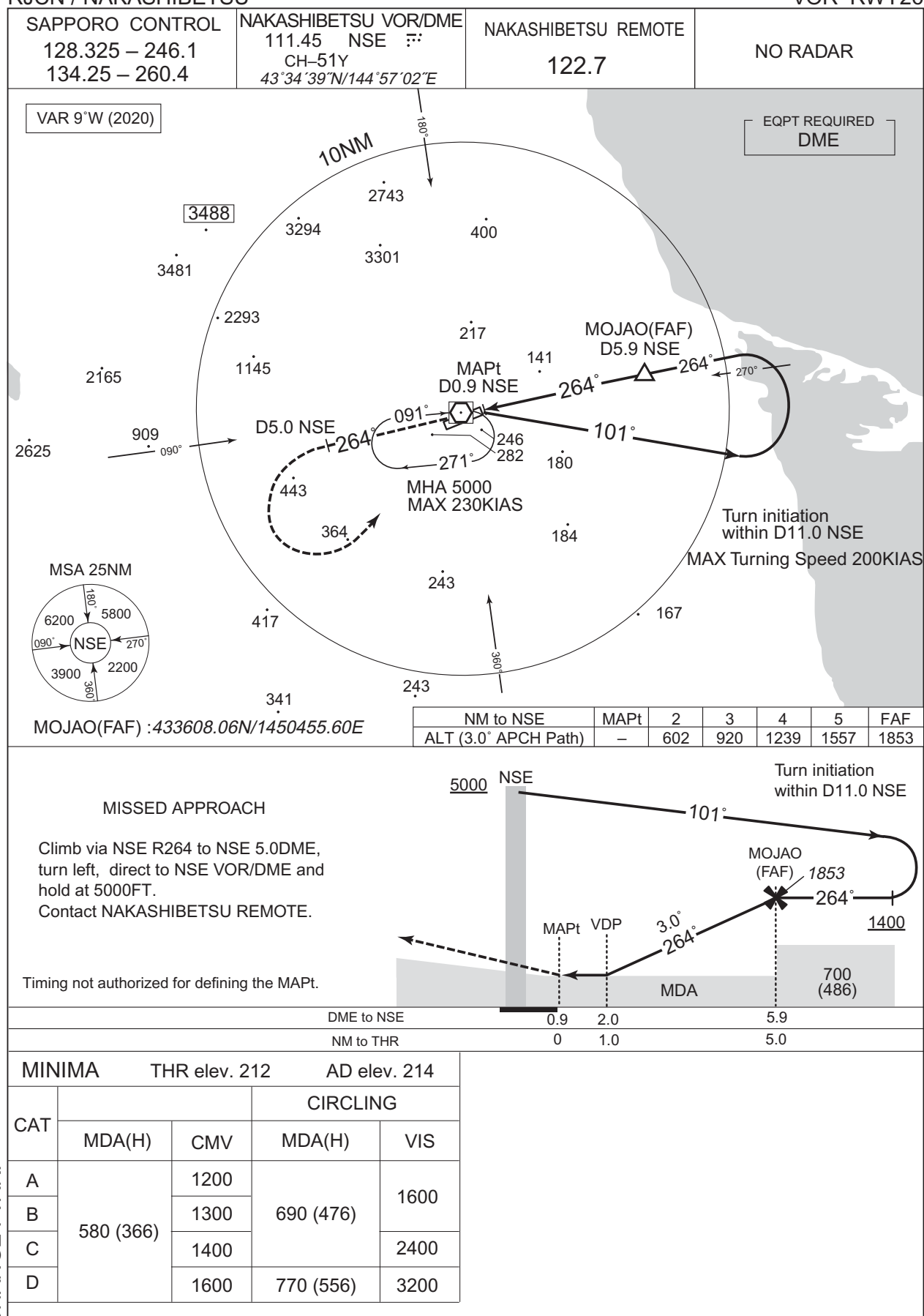


CHANGE : VAR. Radial FM NSE. Bearing on HOLD Pattern.

## INSTRUMENT APPROACH CHART

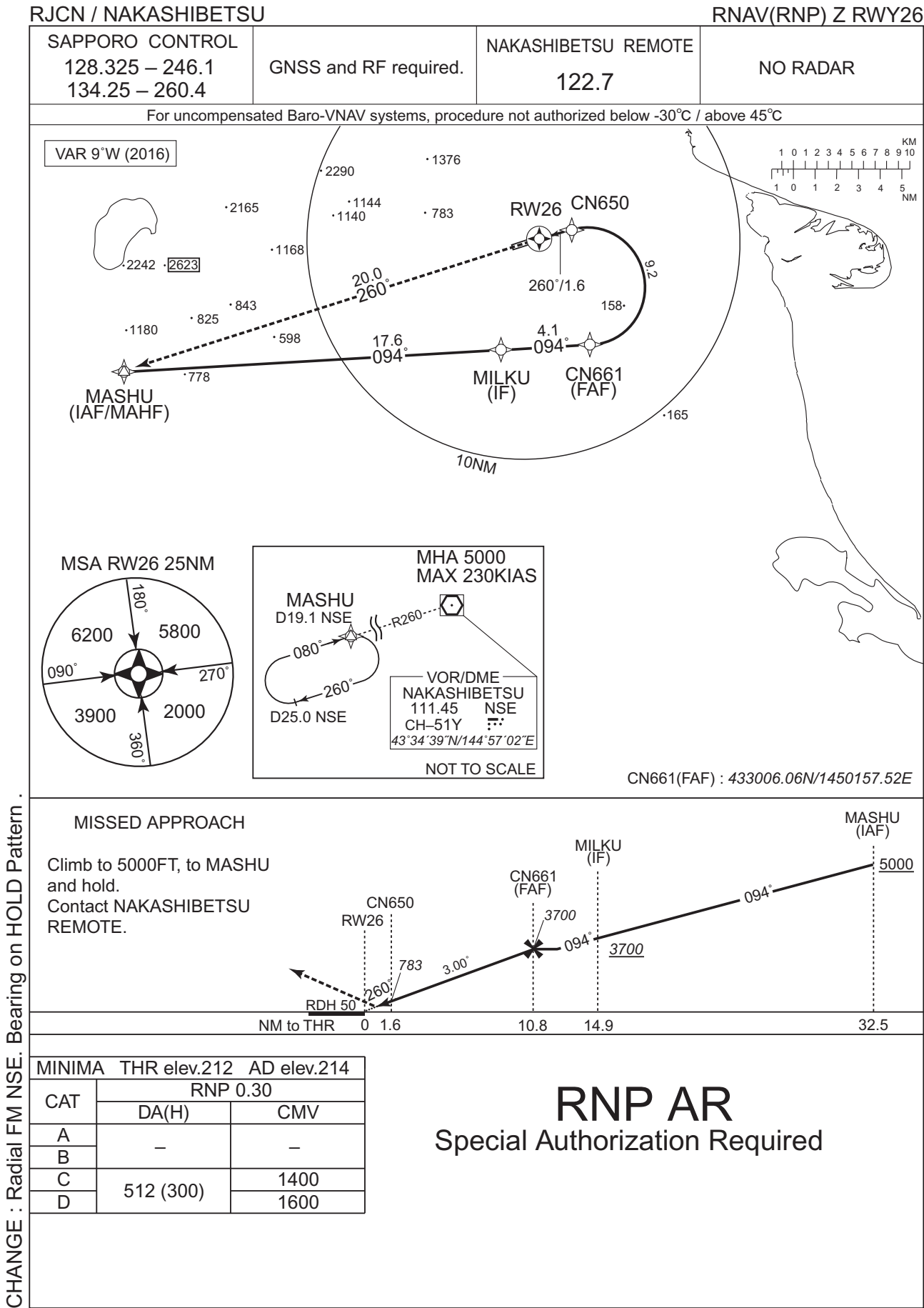
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VOR RWY26



CHANGE : VAR.

INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

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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

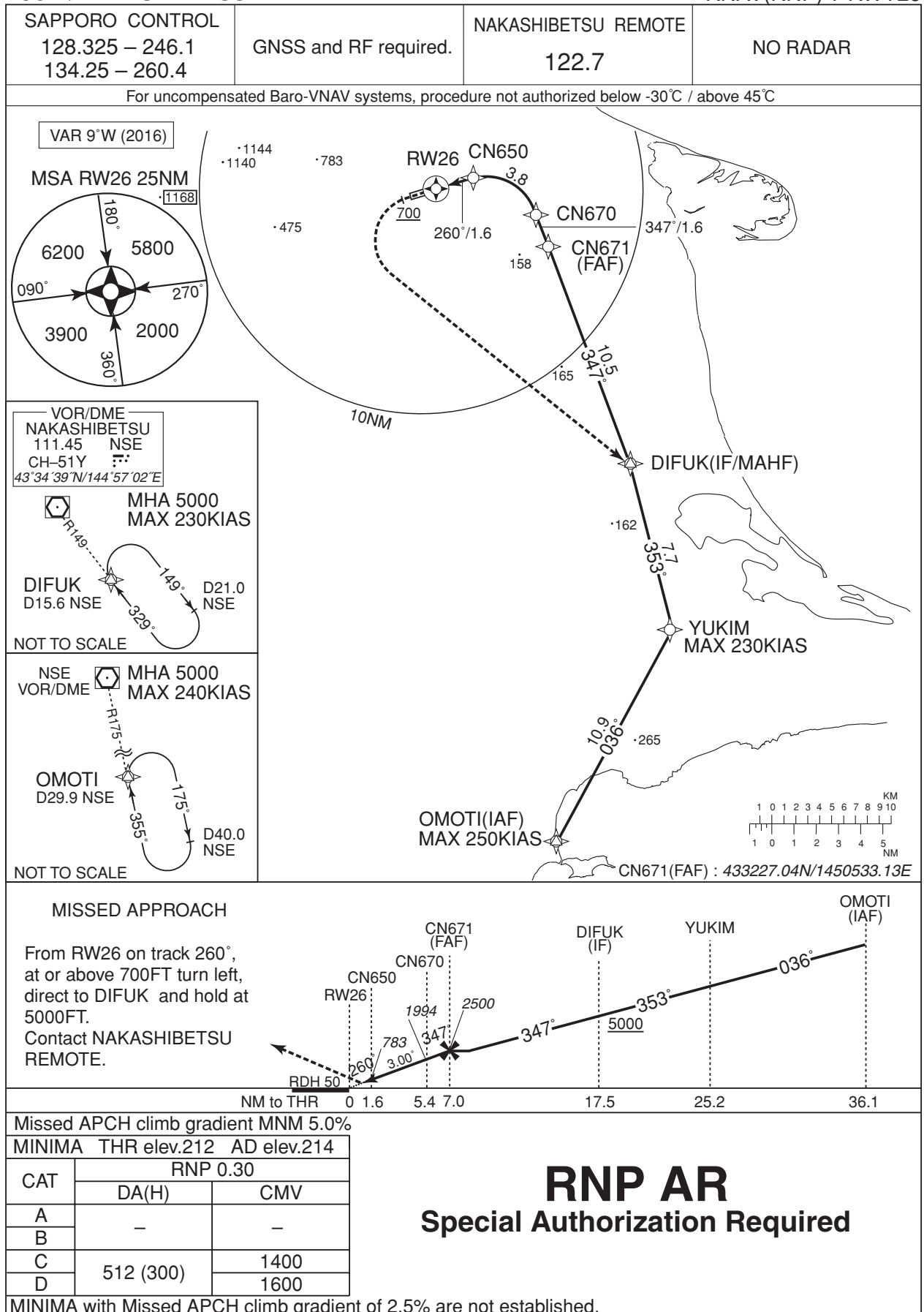
Waypoint Coordinates

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



## 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

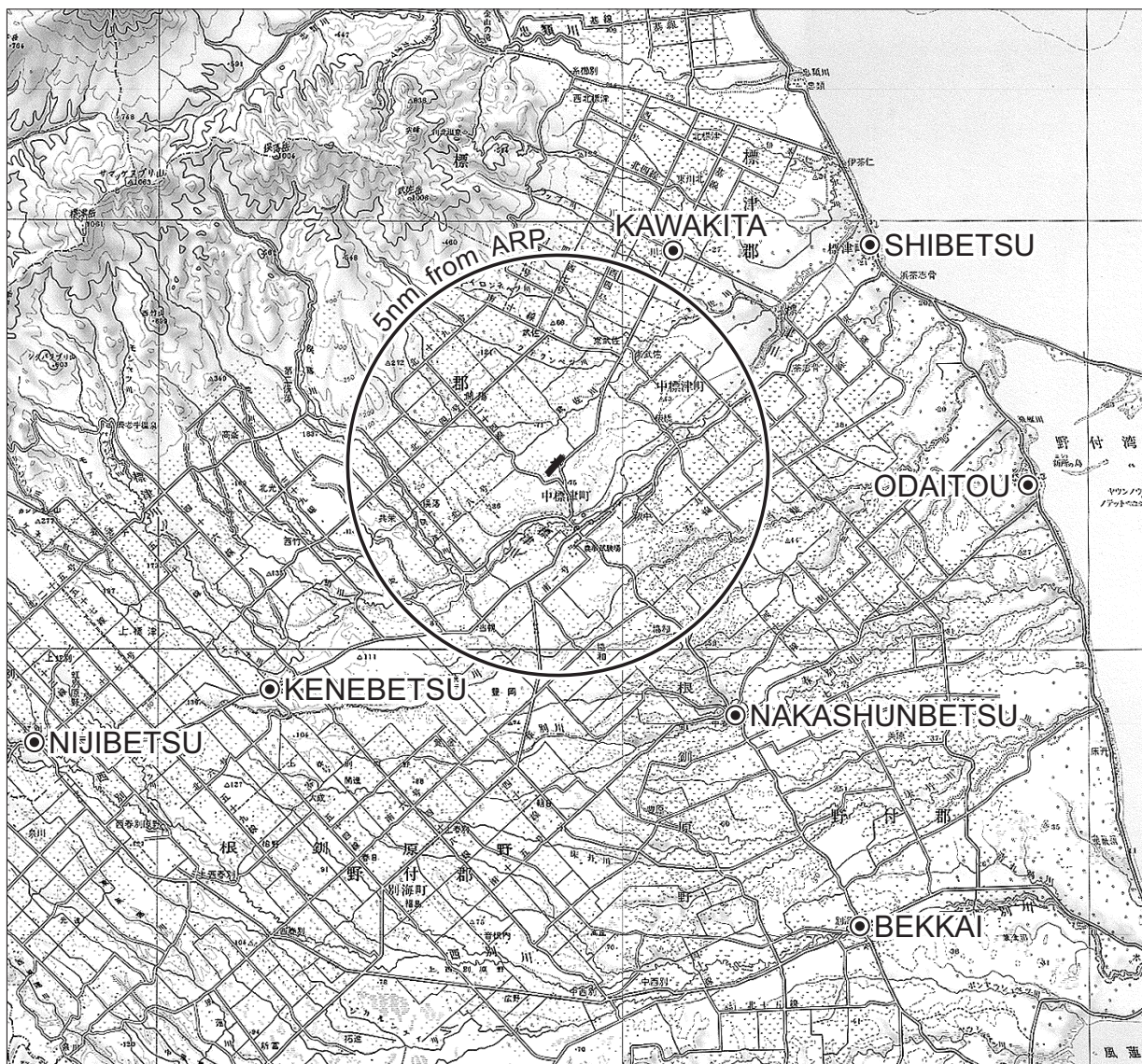
Waypoint Coordinates

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		

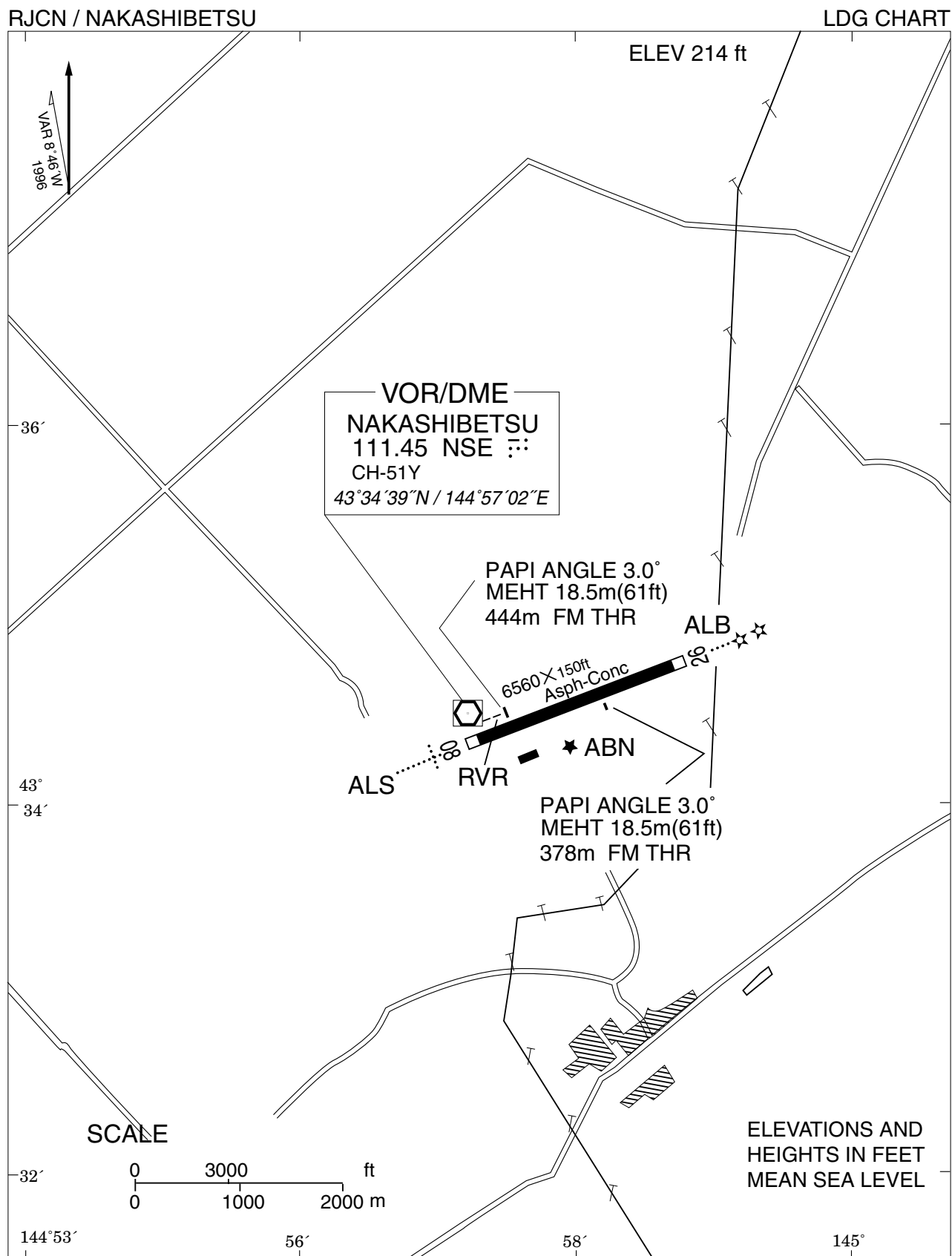


RJCN / NAKASHIBETSU

Visual REP



Call sign	BRG / DIST from ARP	Remarks
川 北 Kawakita	039°/ 5.5NM	市街地 Town
標 津 Shibetsu	063°/ 9.1NM	標津港 Harbor
尾 岱 沼 Odaitou	101°/11.3NM	尾岱沼港 Harbor
中 春 別 Nakashunbetsu	153°/ 7.3NM	市街地 Town
別 海 Bekkai	155°/13.1NM	市街地 Town
計 根 別 Kenebetsu	239°/ 8.3NM	市街地 Town
虹 別 Nijibetsu	250°/13.9NM	市街地 Town





RJCN / NAKASHIBETSU

Minimum Vectoring Altitude CHART

