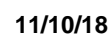


AD CHART



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

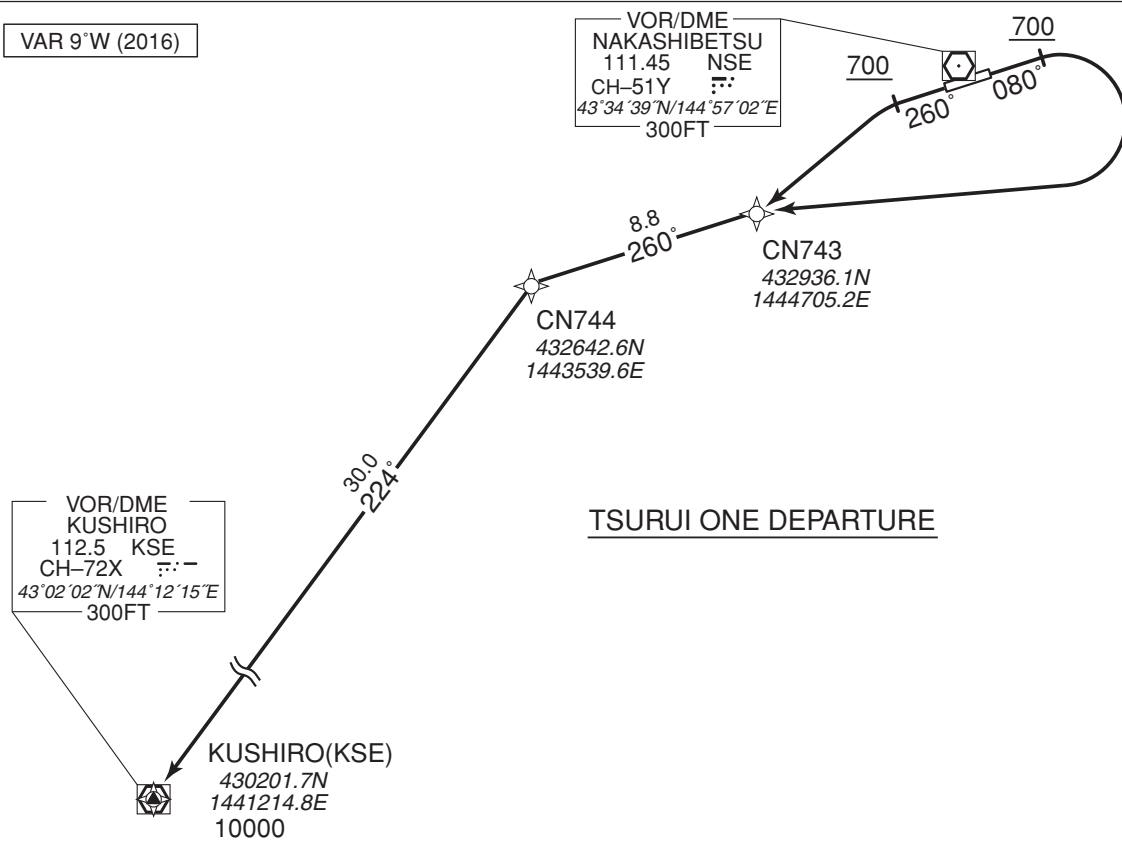
RNAV SID

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

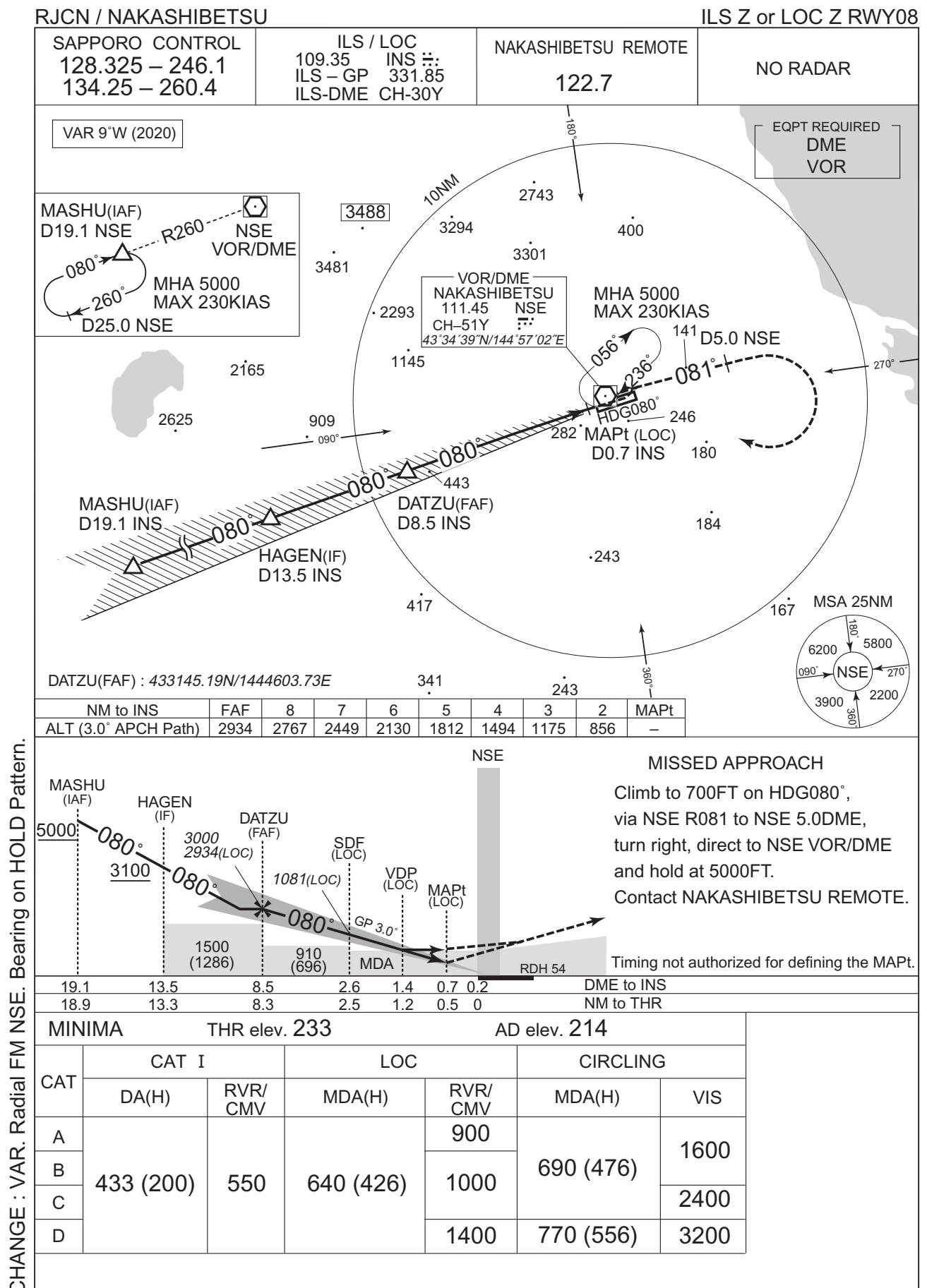
Basic RNP1

VAR 9°W (2016)



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

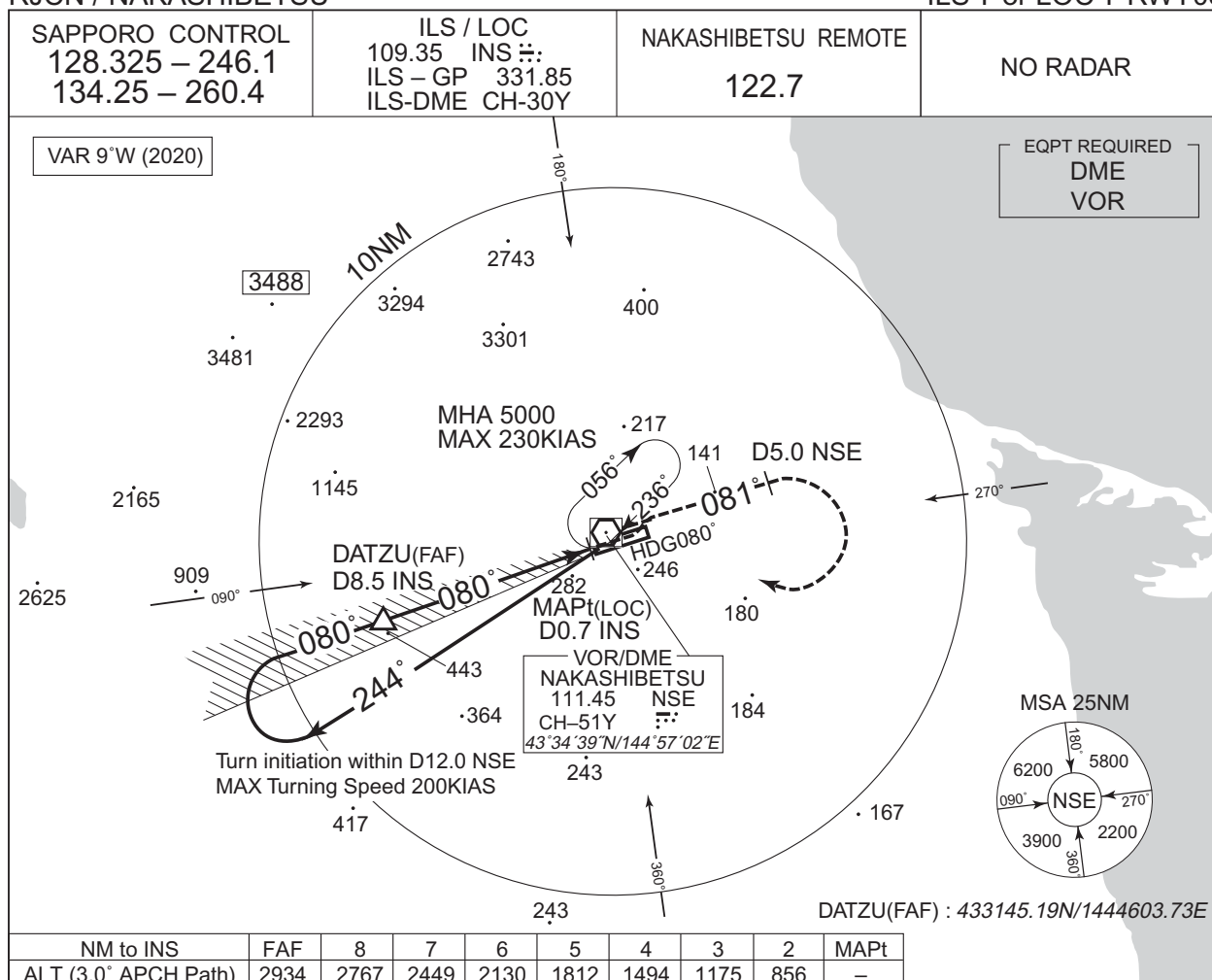
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

ILS Y or LOC Y RWY08



CHANGE : VAR. Bearing on HOLD Pattern.

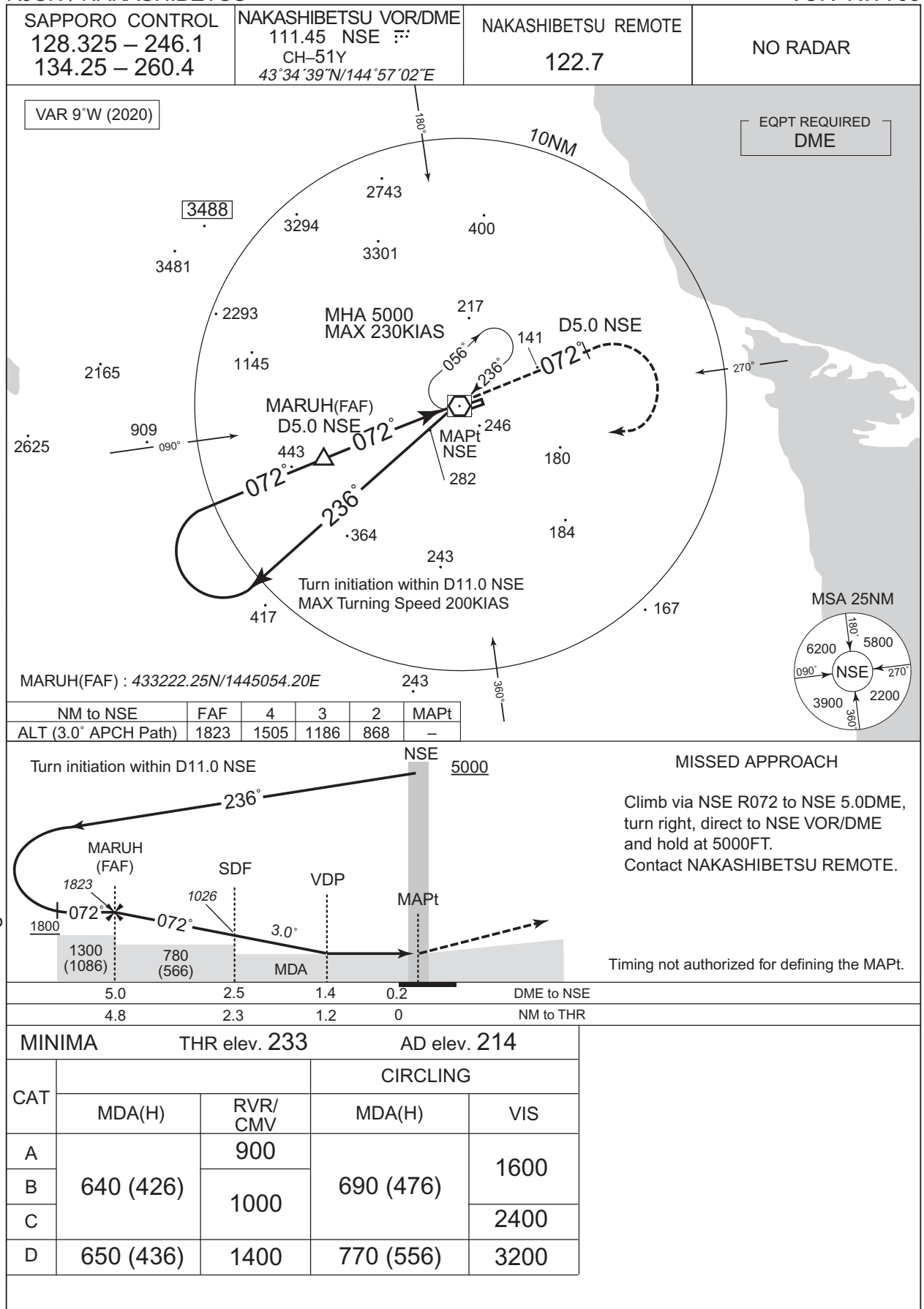


MINIMA		THR elev. 233		AD elev. 214		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	433 (200)	550	640 (426)	900	690 (476)	1600
B				1000		2400
C					1400	
D						

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

VOR RWY08

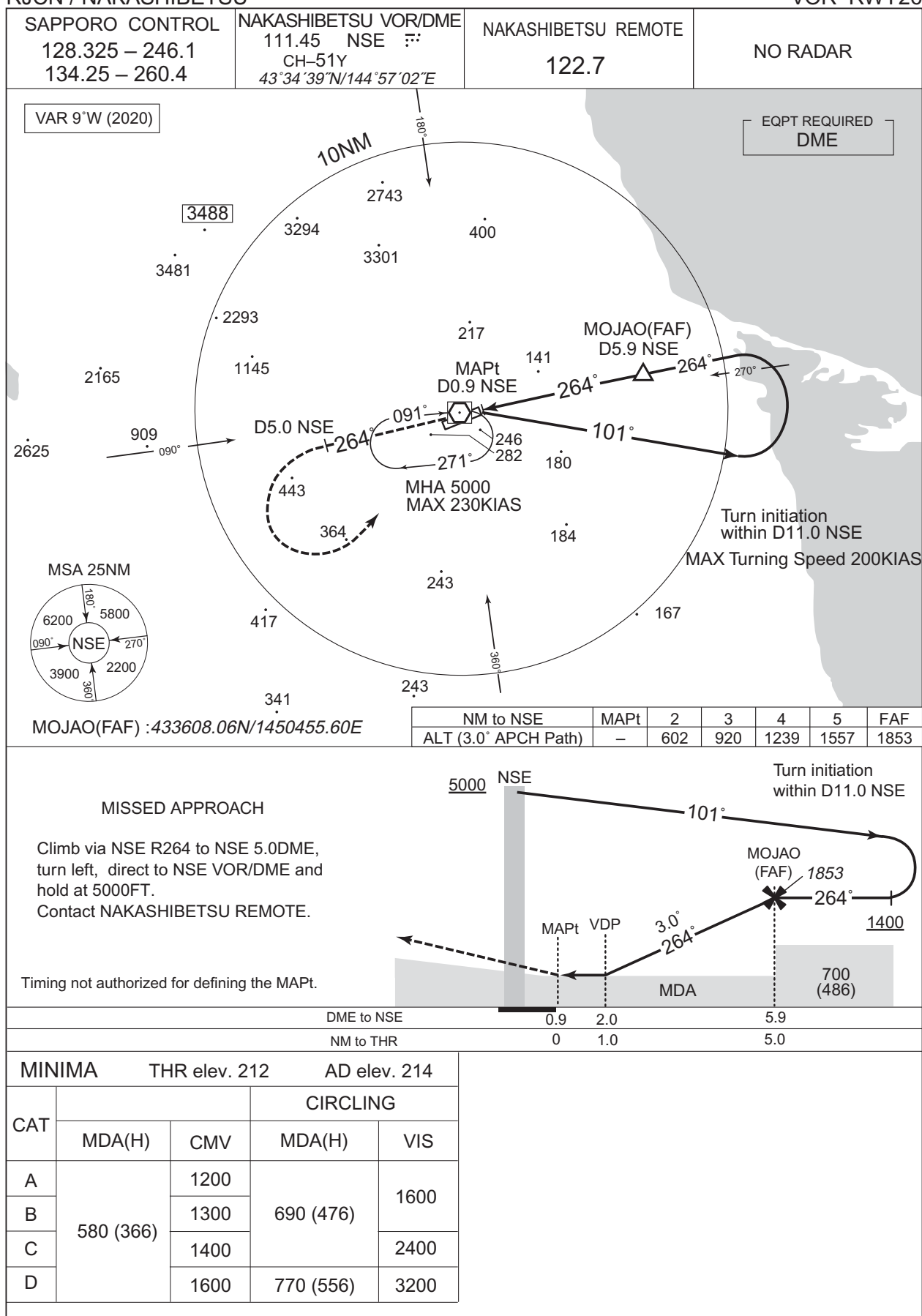


CHANGE : VAR. Radial FM NSE. Bearing on HOLD Pattern.

INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

VOR RWY26



CHANGE : VAR.

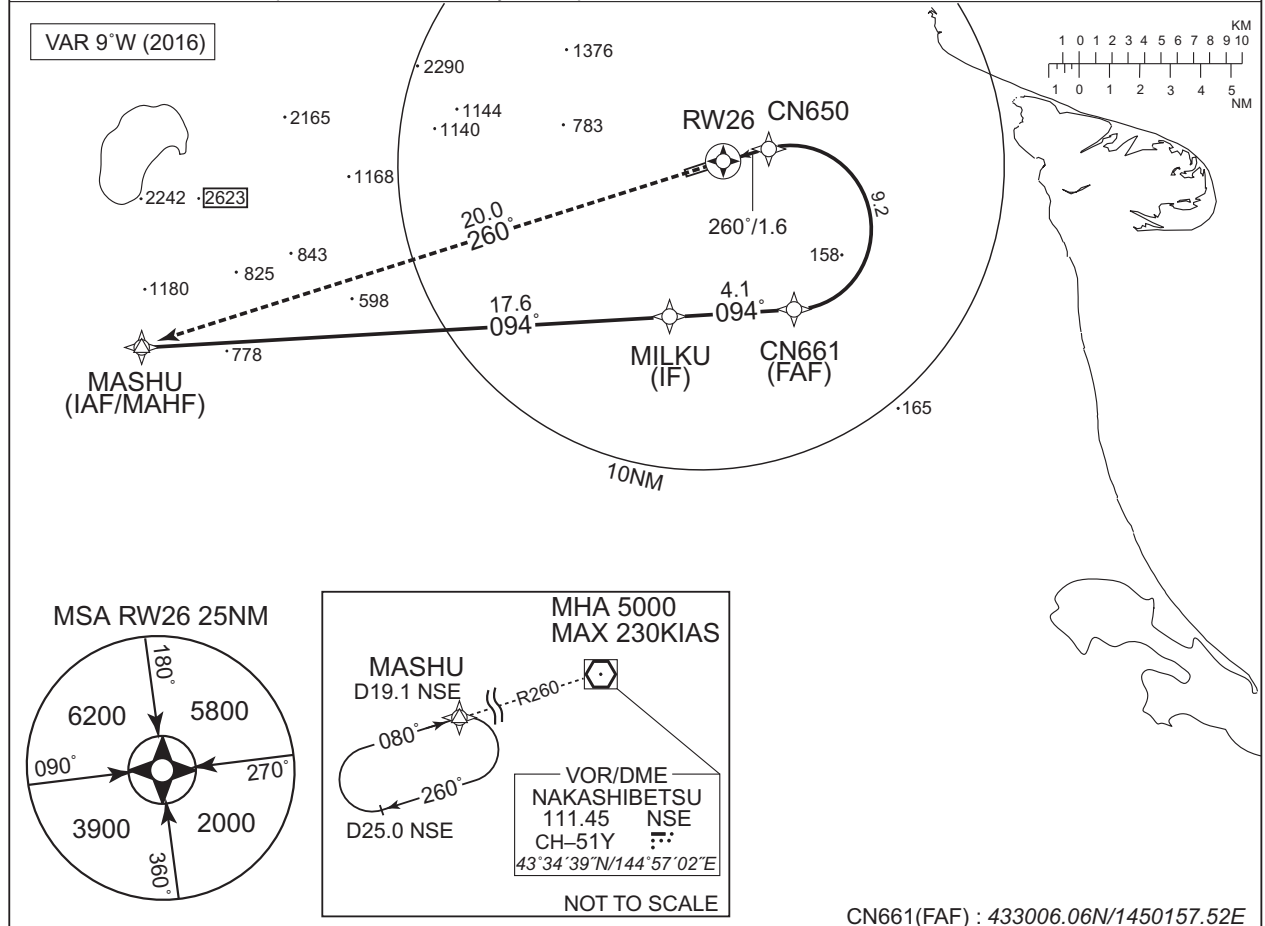
INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

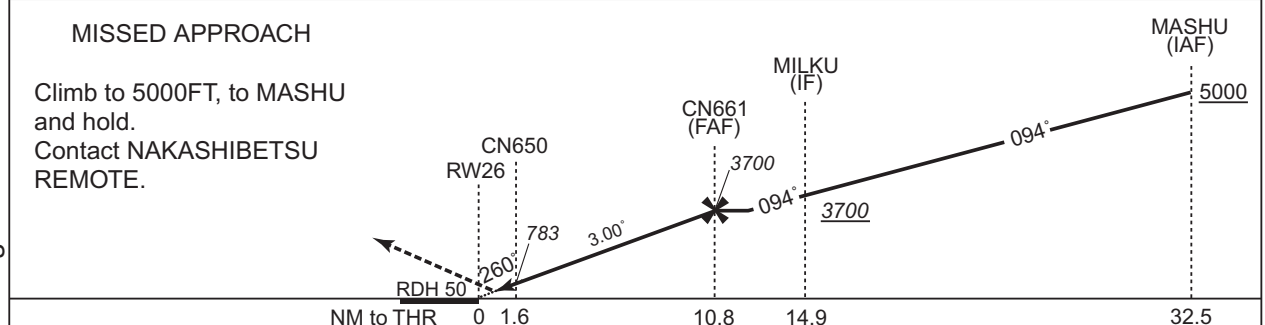
RNAV(RNP) Z RWY26

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



CHANGE : Radial FM NSE. Bearing on HOLD Pattern .



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

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		

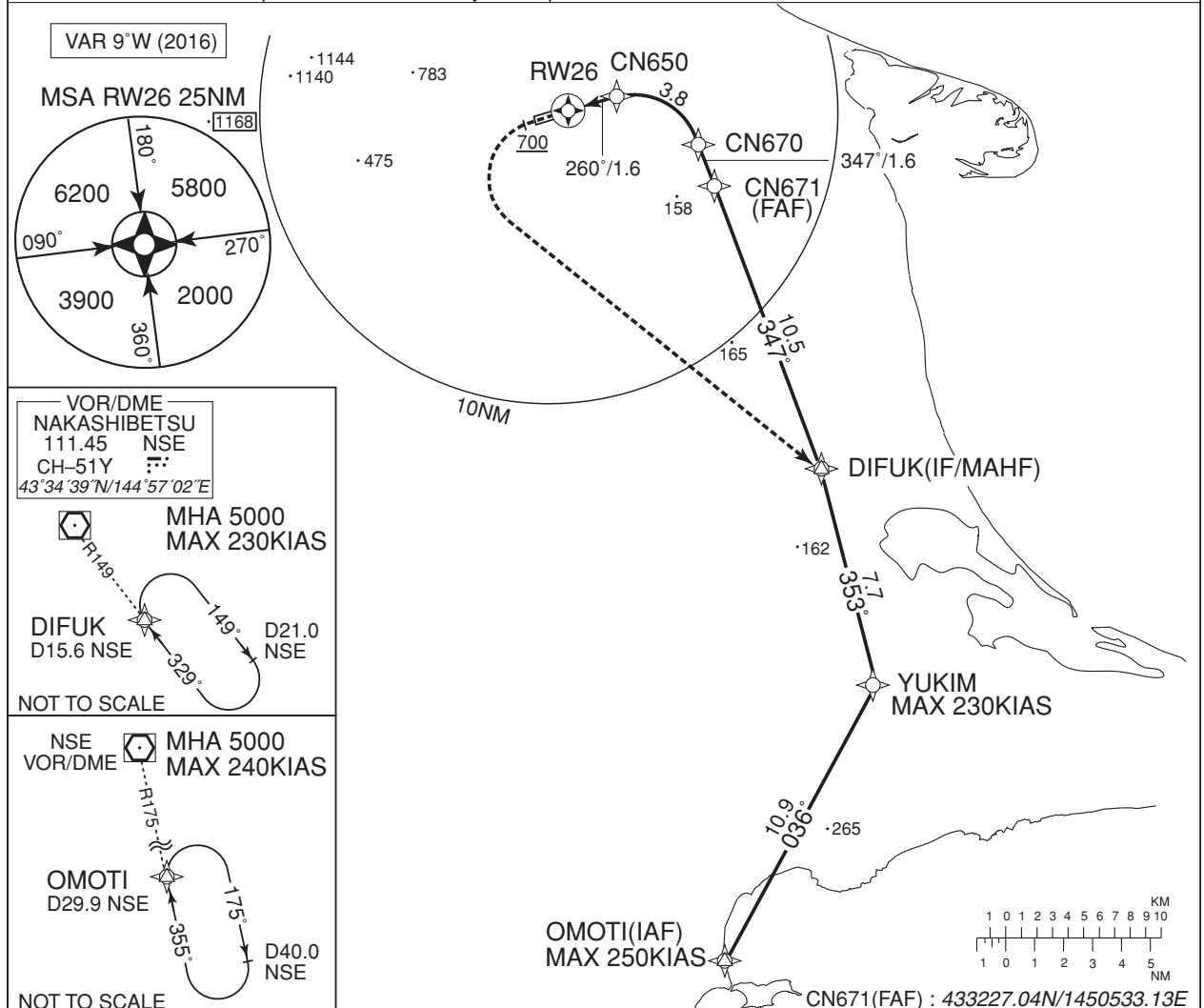
INSTRUMENT APPROACH CHART

RJCN / NAKASHIBETSU

RNAV(RNP) Y RWY26

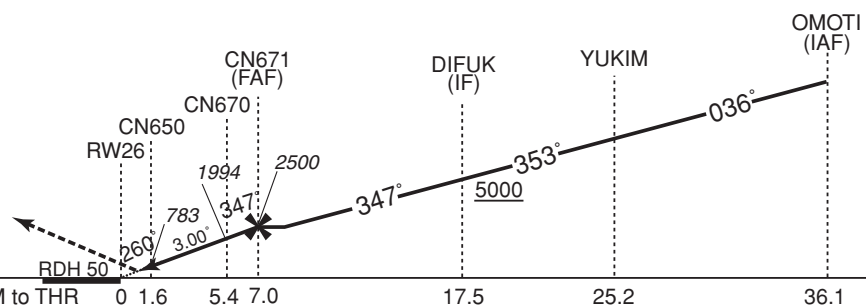
SAPPORO CONTROL 128.325 – 246.1 134.25 – 260.4	GNSS and RF required.	NAKASHIBETSU REMOTE 122.7	NO RADAR
--	-----------------------	------------------------------	----------

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

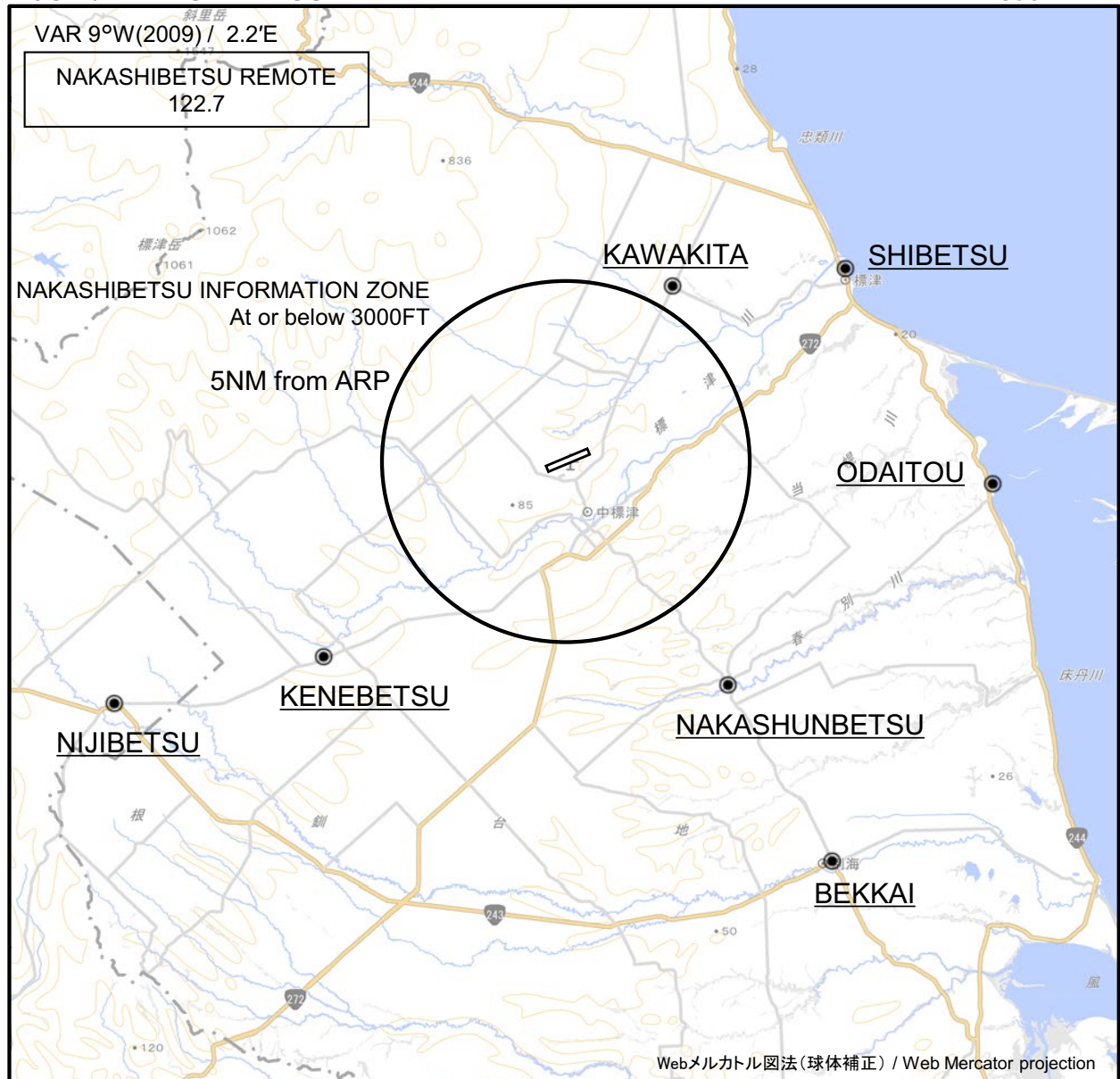
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/RDH (°/FT)	RNP Value
001	IF	OMOTI	—	—	-8.9	—	—	+5000	-250	—	—
002	TF	YUKIM	—	036 (027.2)	-8.9	10.9	—	+5000	-230	—	1.0
003	TF	DIFUK	—	353 (344.3)	-8.9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

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

CHANGE : Map updated. BRG/DIST from ARP.



RJCN / NAKASHIBETSU

Minimum Vectoring Altitude CHART

