

**MEMANBETSU AD**  
ELEV 109ft

**VAR 9°W(2009)**  
Annual change 2.1°E

**OVERRUN AREA**  
RVR EDGE LGT CEILO METER

**WIND SPEED METER**  
RVR DIST 435209.85N/1440955.80E

**MARKER LGT**  
RWY 18/36

**PAPI Angle 3.0°**  
MEHT 20.0 m(66ft)

**APRON A**  
499.2m

**GP HOLD LINE**

**APRON B**

**APRON FLOOD LGT**

**TOWER**  
★ ABN

**TERMINAL**

**SEQUENCED FLASHING LGT (SFL-V)**

**SEQUENCED FLASHING LGT (SFL-V)**

**LONGITUDINAL PROFILE OF RWY**

**RWY 18**  
102.0ft (31.1m)

**RWY 36**  
135.2ft (41.2m)

**0.233%**  
0.125%

**0.198%**  
0.0779%

**LEVEL**  
105.5ft (32.2m)  
105.8ft (32.3m)  
109.3ft (33.1m)  
109.3ft (33.1m)

**0m**  
515m 595m  
1000m  
1450m  
2000m  
2500m

**INS OK point**

1	435257.24N	1440933.47E
2	435255.56N	1440933.89E
3	435253.47N	1440934.16E
4	435251.27N	1440934.53E
5	435248.95N	1440934.82E
6	435246.85N	1440935.01E

**15**  
**14**  
**13**  
**12**  
**11**  
**10**  
**9**  
**8**  
**7**  
**6**  
**5**  
**4**  
**3**  
**2**  
**1**

**435330.51N/1440945.39E**  
404.5m

**7Δ1**  
WIND SPEED METER  
CEILO METER  
P1

**7Δ2**  
P2

**6Δ2**  
P3

**5Δ3**  
P4

**4Δ4**  
P5

**3Δ5**  
P6

**2Δ6**  
P7

**1Δ7**  
P8

**0Δ8**  
P9

**0Δ9**  
P10

**0Δ10**  
P11

**0Δ11**  
P12

**0Δ12**  
P13

**0Δ13**  
P14

**0Δ14**  
P15

**0Δ15**  
P16

**0Δ16**  
P17

**0Δ17**  
P18

**0Δ18**  
P19

**0Δ19**  
P20

**0Δ20**  
P21

**0Δ21**  
P22

**0Δ22**  
P23

**0Δ23**  
P24

**0Δ24**  
P25

**0Δ25**  
P26

**0Δ26**  
P27

**0Δ27**  
P28

**0Δ28**  
P29

**0Δ29**  
P30

**0Δ30**  
P31

**0Δ31**  
P32

**0Δ32**  
P33

**0Δ33**  
P34

**0Δ34**  
P35

**0Δ35**  
P36

**0Δ36**  
P37

**0Δ37**  
P38

**0Δ38**  
P39

**0Δ39**  
P40

**0Δ40**  
P41

**0Δ41**  
P42

**0Δ42**  
P43

**0Δ43**  
P44

**0Δ44**  
P45

**0Δ45**  
P46

**0Δ46**  
P47

**0Δ47**  
P48

**0Δ48**  
P49

**0Δ49**  
P50

**0Δ50**  
P51

**0Δ51**  
P52

**0Δ52**  
P53

**0Δ53**  
P54

**0Δ54**  
P55

**0Δ55**  
P56

**0Δ56**  
P57

**0Δ57**  
P58

**0Δ58**  
P59

**0Δ59**  
P60

**0Δ60**  
P61

**0Δ61**  
P62

**0Δ62**  
P63

**0Δ63**  
P64

**0Δ64**  
P65

**0Δ65**  
P66

**0Δ66**  
P67

**0Δ67**  
P68

**0Δ68**  
P69

**0Δ69**  
P70

**0Δ70**  
P71

**0Δ71**  
P72

**0Δ72**  
P73

**0Δ73**  
P74

**0Δ74**  
P75

**0Δ75**  
P76

**0Δ76**  
P77

**0Δ77**  
P78

**0Δ78**  
P79

**0Δ79**  
P80

**0Δ80**  
P81

**0Δ81**  
P82

**0Δ82**  
P83

**0Δ83**  
P84

**0Δ84**  
P85

**0Δ85**  
P86

**0Δ86**  
P87

**0Δ87**  
P88

**0Δ88**  
P89

**0Δ89**  
P90

**0Δ90**  
P91

**0Δ91**  
P92

**0Δ92**  
P93

**0Δ93**  
P94

**0Δ94**  
P95

**0Δ95**  
P96

**0Δ96**  
P97

**0Δ97**  
P98

**0Δ98**  
P99

**0Δ99**  
P100

**0Δ100**  
P101

**0Δ101**  
P102

**0Δ102**  
P103

**0Δ103**  
P104

**0Δ104**  
P105

**0Δ105**  
P106

**0Δ106**  
P107

**0Δ107**  
P108

**0Δ108**  
P109

**0Δ109**  
P110

**0Δ110**  
P111

**0Δ111**  
P112

**0Δ112**  
P113

**0Δ113**  
P114

**0Δ114**  
P115

**0Δ115**  
P116

**0Δ116**  
P117

**0Δ117**  
P118

**0Δ118**  
P119

**0Δ119**  
P120

**0Δ120**  
P121

**0Δ121**  
P122

**0Δ122**  
P123

**0Δ123**  
P124

**0Δ124**  
P125

**0Δ125**  
P126

**0Δ126**  
P127

**0Δ127**  
P128

**0Δ128**  
P129

**0Δ129**  
P130

**0Δ130**  
P131

**0Δ131**  
P132

**0Δ132**  
P133

**0Δ133**  
P134

**0Δ134**  
P135

**0Δ135**  
P136

**0Δ136**  
P137

**0Δ137**  
P138

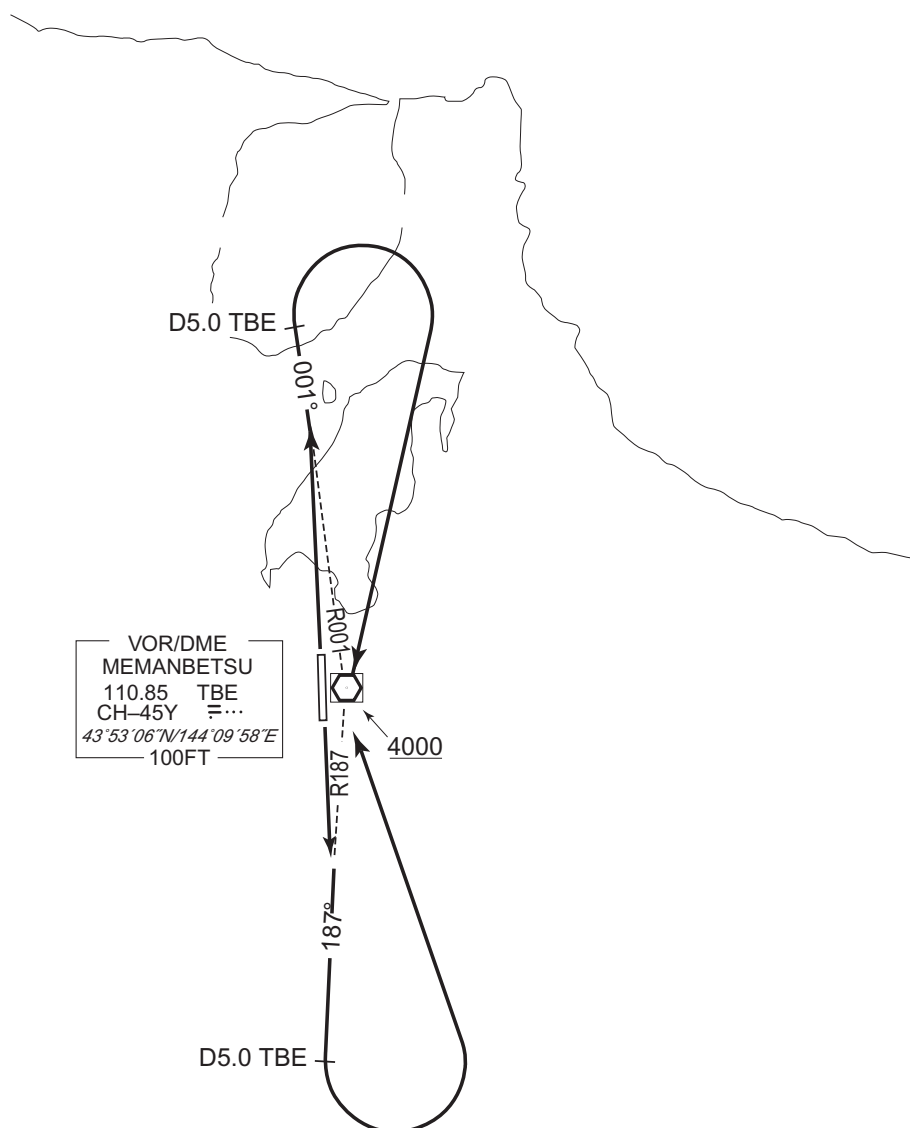
**0Δ138**

## RJCM / MEMANBETSU

## MEMANBETSU REVERSAL THREE DEPARTURE

RWY 36 : Climb via TBE R001 to TBE 5.0DME, turn right,...

....Proceed to TBE VOR/DME. Cross TBE VOR/DME at or above 4000FT.

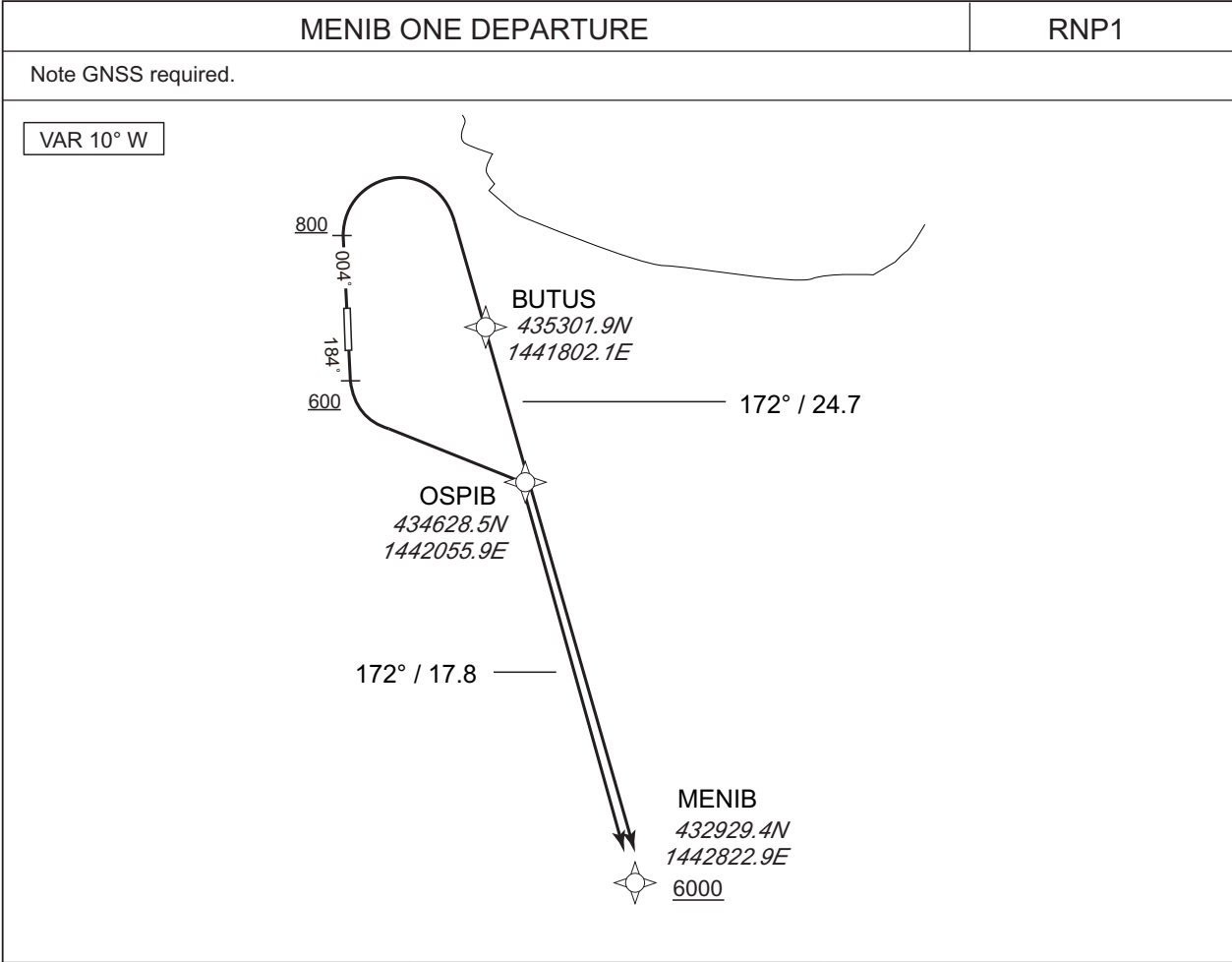


CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART-INSTRUMENT

RJCM / MEMANBETSU

RNAV SID



RWY18 : Climb on HDG184° at or above 600FT, turn left direct to OSPIB, to MENIB at or above 6000FT.  
RWY36 : Climb on HDG004° at or above 800FT, turn right direct to BUTUS, to MENIB at or above 6000FT.  
Note RWY18 : 5.0% climb gradient required up to 2300FT.  
OBST ALT 3314FT located at 12.2NM 153° FM end of RWY18.

RWY18

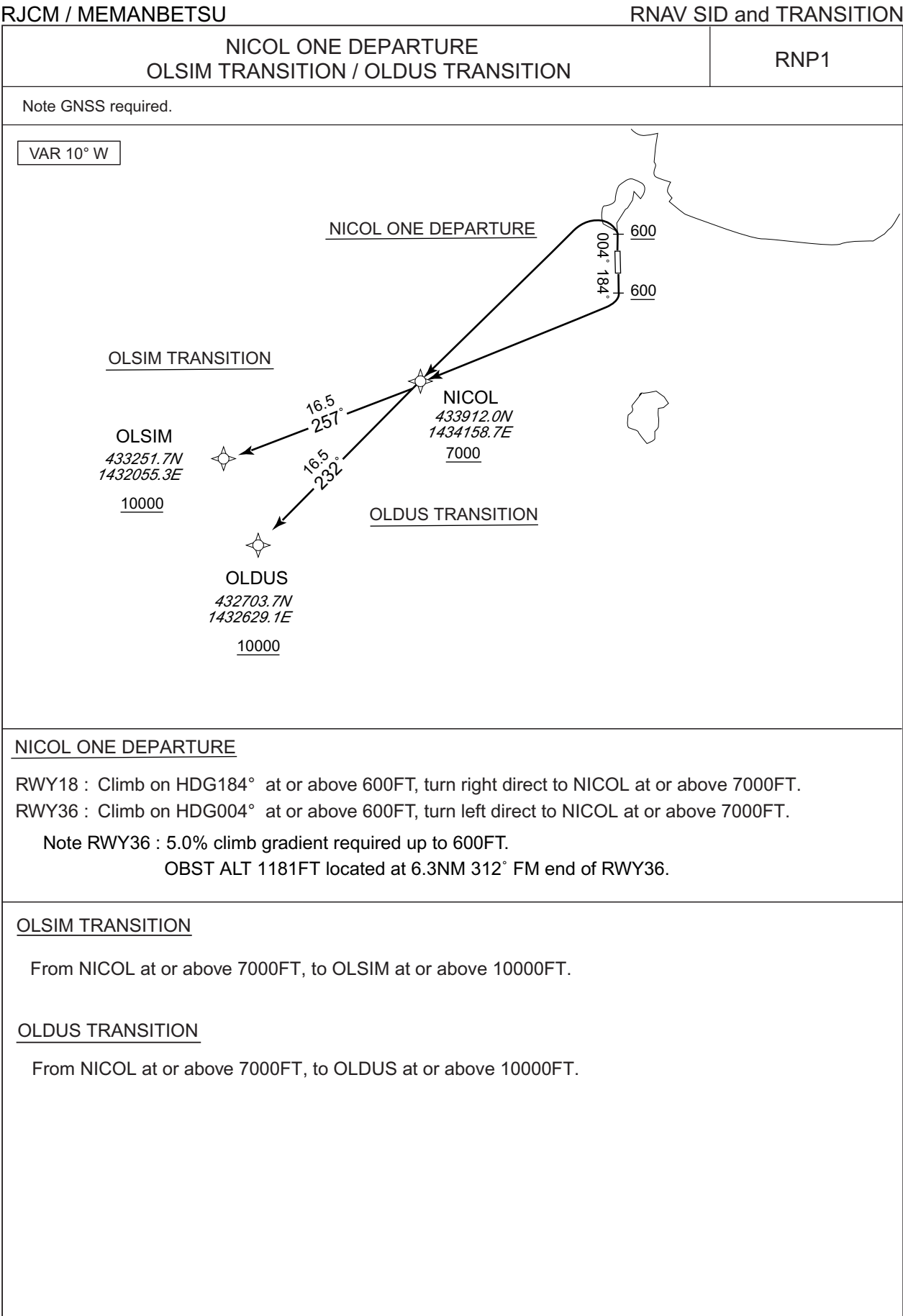
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	184 (174.7)	-9.6	—	—	+600	—	—	RNP1
002	DF	OSPIB	—	—	-9.6	—	L	—	—	—	RNP1
003	TF	MENIB	—	172 (162.3)	-9.6	17.8	—	+6000	—	—	RNP1

RWY36

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	—	—	004 (354.7)	-9.6	—	—	+800	—	—	RNP1
002	DF	BUTUS	—	—	-9.6	—	R	—	—	—	RNP1
003	TF	MENIB	—	172 (162.3)	-9.6	24.7	—	+6000	—	—	RNP1

CHANGE : New PROC.

STANDARD DEPARTURE CHART-INSTRUMENT



CHANGE : New PROC.

STANDARD DEPARTURE CHART-INSTRUMENT

RJCM / MEMANBETSU

RNAV SID and TRANSITION

NICOL ONE DEPARTURE											
RWY18											
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	-	-	184 (174.7)	-9.6	-	-	+600	-	-	RNP1
002	DF	NICOL	-	-	-9.6	-	R	+7000	-	-	RNP1
RWY36											
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	-	-	004 (354.7)	-9.6	-	-	+600	-	-	RNP1
002	DF	NICOL	-	-	-9.6	-	L	+7000	-	-	RNP1
OLSIM TRANSITION											
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	NICOL	-	-	-9.6	-	-	+7000	-	-	RNP1
002	TF	OLSIM	-	257 (247.6)	-9.6	16.5	-	+10000	-	-	RNP1
OLDUS TRANSITION											
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	NICOL	-	-	-9.6	-	-	+7000	-	-	RNP1
002	TF	OLDUS	-	232 (222.9)	-9.6	16.5	-	+10000	-	-	RNP1

CHANGE : New PROC.

STANDARD DEPARTURE CHART-INSTRUMENT

RJCM / MEMANBETSU

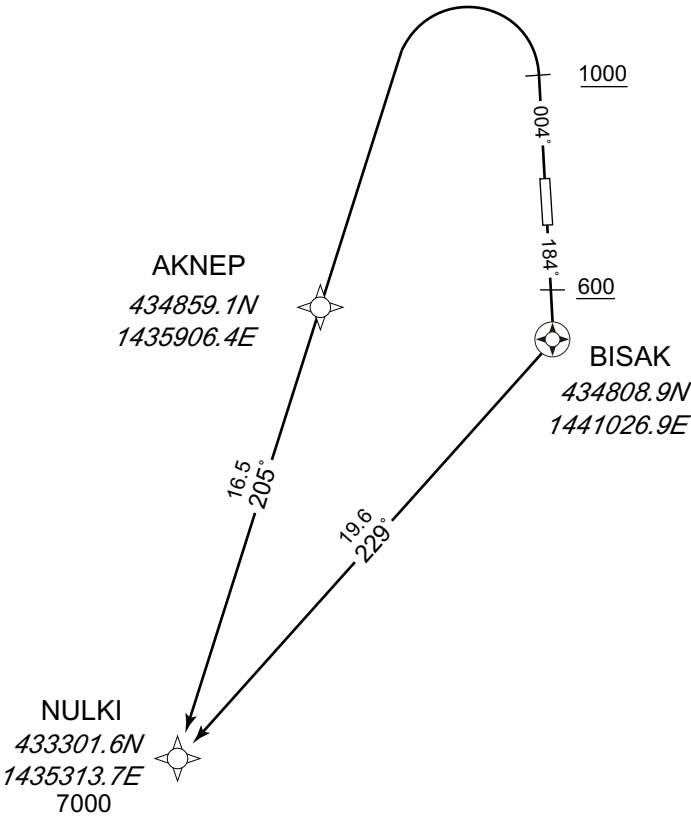
RNAV SID

NULKI ONE DEPARTURE

RNP1

Note GNSS required.

VAR 10° W



RWY18 : Climb on HDG184° at or above 600FT, direct to BISAQ, to NULKI at or above 7000FT.  
RWY36 : Climb on HDG004° at or above 1000FT, turn left direct to AKNEP, to NULKI at or above 7000FT.  
Note RWY36 : 3.9% climb gradient required up to 1500FT.  
OBST ALT 1673FT located at 8.2NM 320° FM end of RWY36.

RWY18

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	—	—	184 (174.7)	-9.6	—	—	+600	—	—	RNP1
002	DF	BISAQ	Y	—	-9.6	—	—	—	—	—	RNP1
003	TF	NULKI	—	229 (219.6)	-9.6	19.6	—	+7000	—	—	RNP1

RWY36

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	—	—	004 (354.7)	-9.6	—	—	+1000	—	—	RNP1
002	DF	AKNEP	—	—	-9.6	—	L	—	—	—	RNP1
003	TF	NULKI	—	205 (194.9)	-9.6	16.5	—	+7000	—	—	RNP1

CHANGE : New PROC.

**INTENTIONALLY LEFT BLANK**

**RJCM / MEMANBETSU**

HIDAKA APP 128.325 - 246.1 - 134.55	ILS - LOC 110.1 ITB ... ILS-GP 334.4 ILS - DME CH-38X	MEMANBETSU TOWER 118.85 - 126.2	RADAR AVBL
--	--	------------------------------------	------------

**VAR 9°W**

**EQPT REQUIRED**  
**DME**  
**VOR**

**NOTE :** For Initial approach segment  
(1) RNP1.  
(2) GNSS required.

**RNAV HLDG**  
NOT TO SCALE  
GINGA  
MHA 5400  
MAX 230KIAS

**RNAV HLDG**  
NOT TO SCALE  
RAUSU  
MHA 3100  
MAX 230KIAS

**VOR/DME**  
MEMANBETSU  
110.85 TBE  
CH-45Y  
43°53'06"N/144°09'58"E

**RNAV HLDG**  
NOT TO SCALE  
OZORA  
MHA 7000  
MAX 230KIAS

**Using NAVAID**  
NOT TO SCALE  
RAUSU  
D13.0 TBE  
TBE  
VOR/DME  
MHA 3100  
MAX 230KIAS

**TEBES(FAF) : 435816.30N / 1440908.38E**

NM to ITB	FAF	4	3	2	MAPt
ALT (3.0° APCH Path)	1675	1368	1049	731	-

**MISSED APPROACH**  
Climb to 700FT on HDG184°, turn left HDG001° to intercept and proceed via TBE R046 to RAUSU and hold at 3100FT.  
Contact HIDAKA APP.  
Timing not authorized for defining the MAPt.

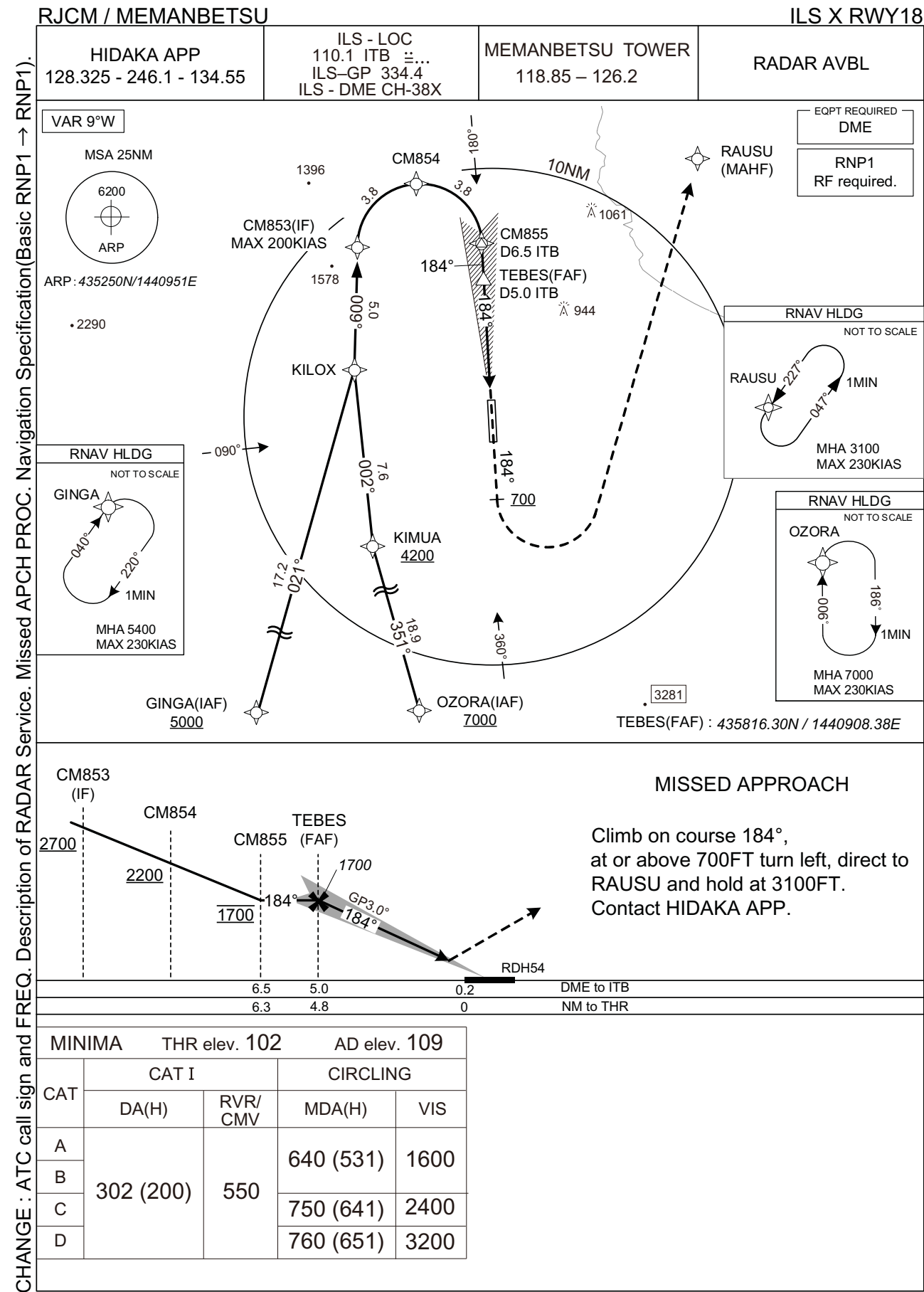
MINIMA		THR elev. 102		AD elev. 109	
CAT	CAT I	LOC	CIRCLING		
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H) VIS
A	302 (200)	550	450 (341)	900	640 (531) 1600
B				1000	
C				750 (641)	
D				1400	
					760 (651) 3200



CHANGE : ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJCM / MEMANBETSU

ILS X RWY18

Coding Table

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	GINGA	-	-	-9.6	-	-	+5000	-	-	RNP1
002	TF	KILOX	-	021 (011.9)	-9.6	17.2	-	-	-	-	RNP1
003	TF	CM853	-	009 (359.2)	-9.6	5.0	-	+2700	-200	-	RNP1
001	IF	OZORA	-	-	-9.6	-	-	+7000	-	-	RNP1
002	TF	KIMUA	-	351 (341.4)	-9.6	18.9	-	+4200	-	-	RNP1
003	TF	KILOX	-	002 (352.2)	-9.6	7.6	-	-	-	-	RNP1
004	TF	CM853	-	009 (359.2)	-9.6	5.0	-	+2700	-200	-	RNP1
001	IF	CM853	-	-	-9.6	-	-	+2700	-200	-	RNP1
002	RF Center: CMRF2 r=2.51NM	CM854	-	-	-9.6	3.8	R	+2200	-	-	RNP1
003	RF Center: CMRF2 r=2.51NM	CM855	-	-	-9.6	3.8	R	1700	-	-	RNP1
001	CA	-	-	184 (174.7)	-9.6	-	-	+700	-	-	RNP1
002	DF	RAUSU	-	-	-9.6	-	L	3100	-	-	RNP1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	GINGA	040 (030.8)	-9.5	1.0 (-14000)	R	5400	FL140	-230 (-14000)	RNP1
Hold	OZORA	006 (356.7)	-9.5	1.0 (-14000)	R	7000	FL140	-230 (-14000)	RNP1
Hold	RAUSU	227 (217.0)	-9.5	1.0 (-14000)	L	3100	FL140	-230 (-14000)	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
GINGA	433738.73N / 1435710.93E	CMRF2	435931.80N / 1440529.11E
OZORA	432908.24N / 1441153.19E		
KIMUA	434701.35N / 1440331.41E		
KILOX	435429.92N / 1440206.12E		
CM853	435929.83N / 1440200.57E		
CM854	440202.15N / 1440517.96E		
CM855	435945.90N / 1440856.76E		
RAUSU	440327.56N / 1442052.43E		

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

## RJCM / MEMANBETSU

**HIDAKA APP**  
128.325 - 246.1 - 134.55

**ILS - LOC**  
110.3 IHM  
ILS - GP 335  
ILS - DME CH-40X

**MEMANBETSU TOWER**  
118.85 - 126.2

**RADAR AVBL**

**VAR 10°W**

MSA 25NM

**EQPT REQUIRED**  
DME  
VOR

**TSUKA(IAF)**  
D18.0 TBE  
5000  
089°

**D24.0 TBE**  
MHA 5000  
MAX 230KIAS

**GINGA(IAF)**  
D18.0 TBE  
5000  
040°

**MHA 5400 TBE**  
MAX 230KIAS

**ROMNY(FAF)**  
D10.3 IHM  
3278

**MOHEA(IAF)**  
R186/D16.0 TBE  
D15.3 IHM

**OZORA (IAF)**  
R186/D24.0 TBE

**MEMANBETSU**  
VOR/DME  
110.85 TBE  
CH-45Y  
43°53'06"N/144°09'58"E

**LOC OFFSET 1.7°**

**ROMNY(FAF)**  
D29.0 TBE

**MHA 7000**  
MAX 230KIAS

	NM to IHM	MAPt	2	3	4	5	6	7	8	9	10	FAF
ALT (3.0° APCH Path)	-	756	1075	1393	1712	2030	2349	2667	2986	3304	3402	

**MISSED APPROACH**

Climb to 1000FT on HDG006°, turn left HDG224° to intercept and proceed via TBE R269 to TSUKA and hold at 5000FT. Contact HIDAKA APP.

Timing not authorized for defining the MAPt.

	DME to IHM	0.2	0.8	1.4	3.0	7.0	10.3	15.3
NM to THR	0	0.6	1.2	2.8	6.8	10.1	15.1	

Missed APCH climb gradient MNM 3.0%

MINIMA		THR elev. 135		AD elev. 109	
CAT	CAT I	LOC	CIRCLING		
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	VIS
A	382 (247)	600	540 (431)	900	1600
B				640 (531)	
C				750 (641)	
D				760 (651)	

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

## CHANGE : ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.



## CHANGE : ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.



## RJCM / MEMANBETSU

HIDAKA APP 128.325 - 246.1 - 134.55	RNP APCH MSAS CH83687 M18A	MEMANBETSU TOWER 118.85 – 126.2	RADAR AVBL
--	----------------------------------	------------------------------------	------------

Baro-VNAV not authorized below -25°C

**VAR 10°W**

MSA 25NM

ARP: 435250N/1440951E

**RAUSU (IAF/MAHF) 3100**

- RAUSU (IAF/MAHF) 440327.56N 1442052.43E
- OZORA (IAF) 432908.24N 1441153.19E
- KIMUA 434701.35N 1440331.41E
- NEPPU 440209.51N 1440132.13E
- GINGA (IAF) 433738.73N 1435710.93E
- PONTO (IF) 440238.29N 1440834.36E
- YOBIT (FAF) 435820.17N 1440907.90E
- RW18 (MAPt) 435330.51N 1440945.38E
- CM852 (MATF) 435031.32N 1441008.52E

NOT TO SCALE

NOT TO SCALE

NOT TO SCALE

NM to Next Fix	FAF	4	3	2	1	MAPt
ALT (3.0° APCH Path)	1700	1430	1111	793	475	-

### MISSED APPROACH

Direct to **CM852**, turn left direct to **RAUSU** and hold at 3100FT.  
Contact HIDAKA APP.

MINIMA		THR elev.102		AD elev.109	
CAT	LPV	LNAV/VNAV	LNAV	CIRCLING	
	DA(H)	RVR/CMV	DA(H)	RVR/CMV	VIS
A	352(250)	800	440(338)	900	1600
B	360(258)				
C	369(267)				
D	379(277)				
		1200		1400	

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

INSTRUMENT APPROACH CHART

RJCM / MEMANBETSU

RNP Z RWY18

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+00618
SBAS service provider identifier	2	FPAP latitude	435209.8350N
Airport identifier	RJCM	FPAP longitude	1440955.7670E
Runway	18	Threshold crossing height	00016.5
Approach performance designator	0	TCH units selector	1
Route indicator	Z	Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M18A	∠ length offset	0000
LTP/FTP latitude	435330.4920N	HAL	40.0
LTP/FTP longitude	1440945.3395E	VAL	50.0
CRC remainder	257C1F8B		

**Required additional data**

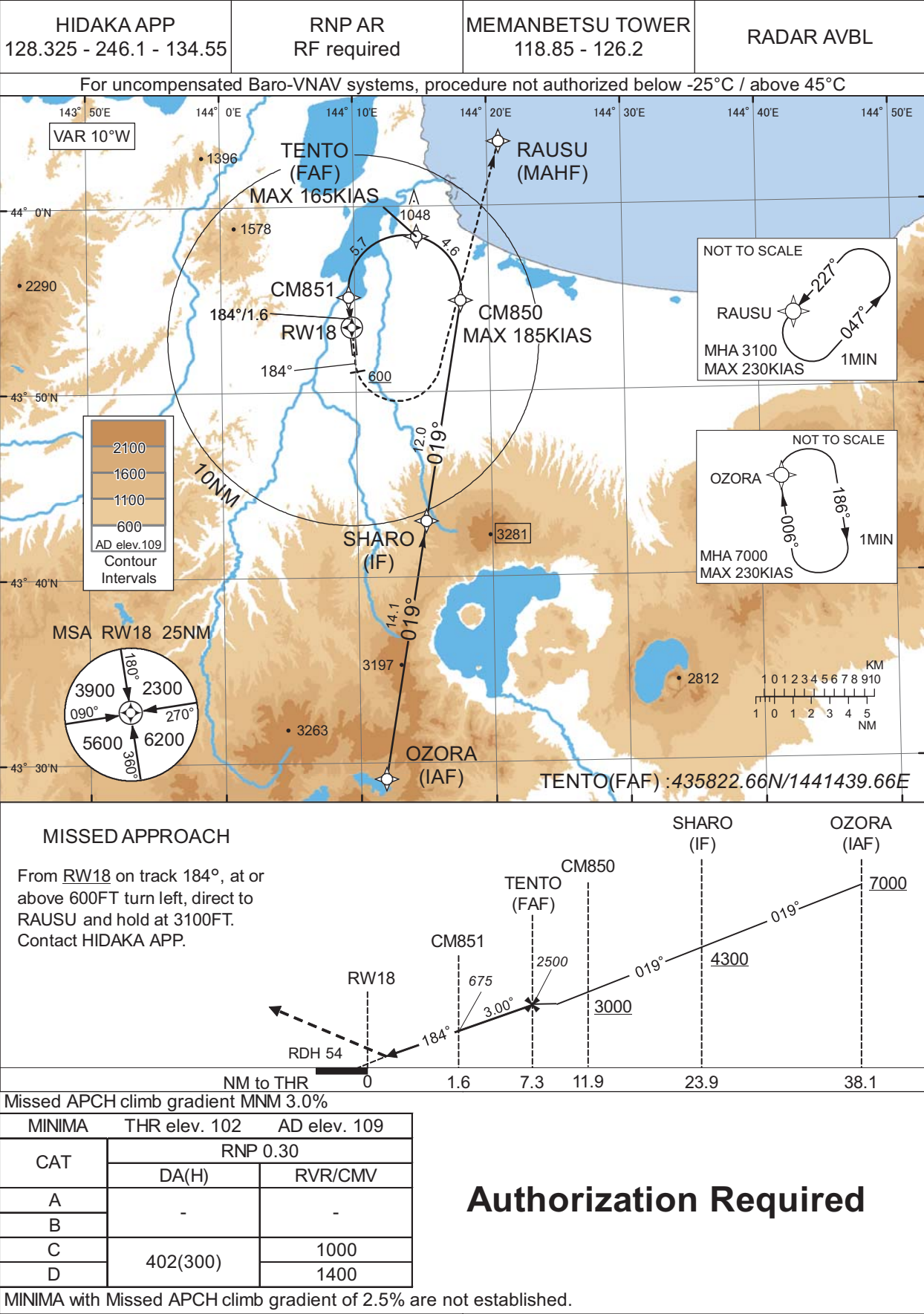
LTP/FTP orthometric height	31.0
----------------------------	------



INSTRUMENT APPROACH CHART

RJCM / MEMANBETSU

RNP Y RWY18(AR)



## INSTRUMENT APPROACH CHART

RJCM / MEMANBETSU

RNP Y RWY18(AR)

Coding Table

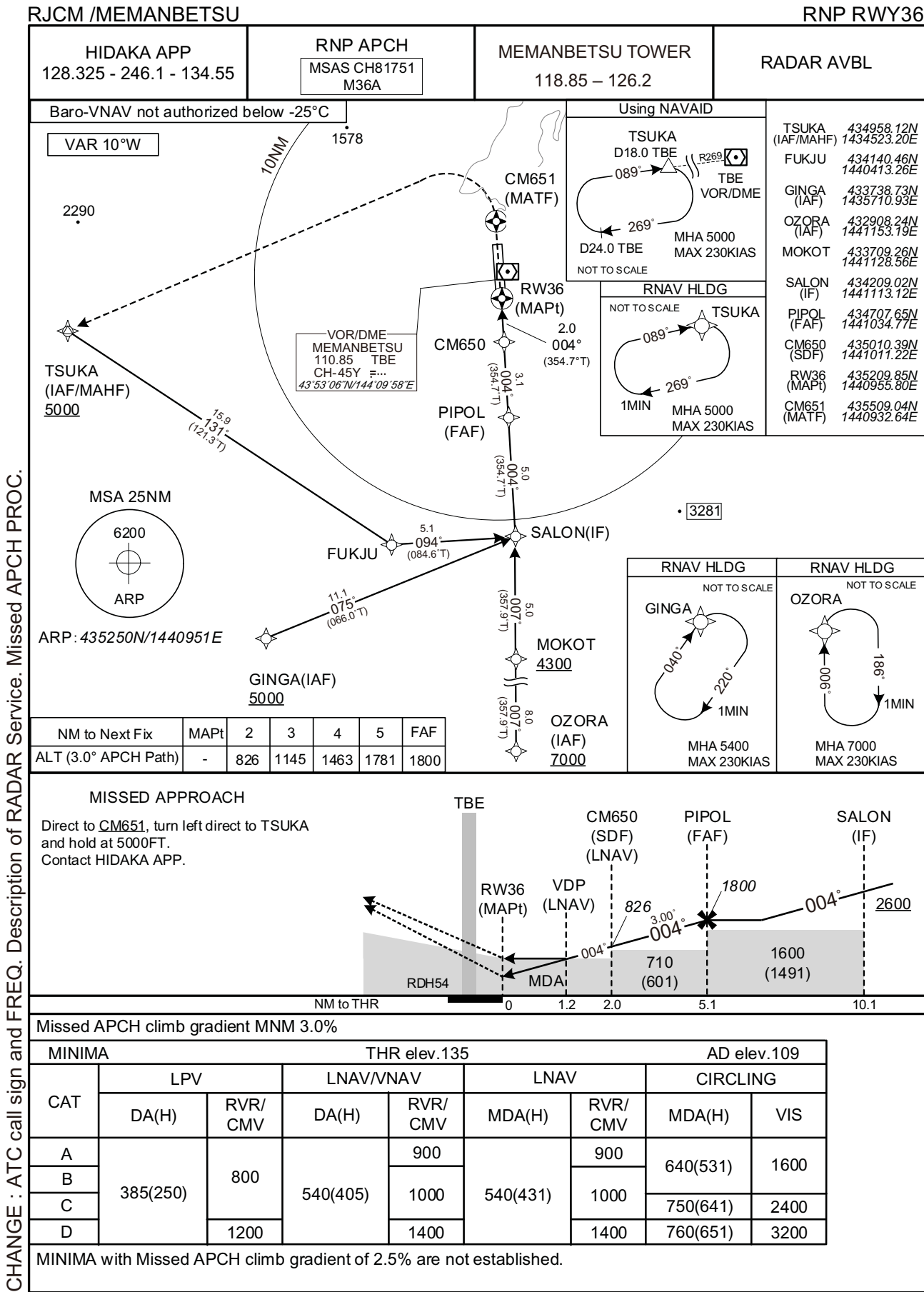
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	OZORA	-	-	-9.5	-	-	+7000	-	-	-
002	TF	SHARO	-	019 (009.5)	-9.5	14.1	-	+4300	-	-	1.0
003	TF	CM850	-	019 (009.6)	-9.5	12.0	-	+3000	-185	-	1.0
004	RF Center: CMRF1 r=3.04NM	TENTO	-	-	-9.5	4.6	L	2500	-165	-	1.0
005	RF Center: CMRF1 r=3.04NM	CM851	-	-	-9.5	5.7	L	675	-	-3.00	0.3
006	TF	RW18	Y	184 (174.7)	-9.5	1.6	-	156	-	-3.00/54	0.3
007	FA	-	-	184 (174.7)	-9.5	-	-	+600	-	-	1.0
008	DF	RAUSU	-	-	-9.5	-	L	3100	-	-	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	OZORA	006 (356.7)	-9.5	1.0 (-14000)	R	7000	FL140	-230 (-14000)	1.0
Hold	RAUSU	227 (217.0)	-9.5	1.0 (-14000)	L	3100	FL140	-230 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
OZORA	432908.24N / 1441153.19E	CMRF1	435524.66N / 1441344.15E
SHARO	434301.91N / 1441506.66E		
CM850	435454.27N / 1441753.05E		
TENTO	435822.66N / 1441439.66E		
CM851	435507.75N / 1440932.81E		
RW18	435330.51N / 1440945.38E		
RAUSU	440327.56N / 1442052.43E		

INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJCM / MEMANBETSU

RNP RWY36

**FAS DATA BLOCK**

Operation type	0	LTP/FTP ellipsoidal height	+00719
SBAS service provider identifier	2	FPAP latitude	435330.4920N
Airport identifier	RJCM	FPAP longitude	1440945.3395E
Runway	36	Threshold crossing height	00016.5
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M36A	∠ length offset	0000
LTP/FTP latitude	435209.8350N	HAL	40.0
LTP/FTP longitude	1440955.7670E	VAL	50.0
CRC remainder	28C6AB24		

**Required additional data**

LTP/FTP orthometric height	41.1
----------------------------	------

RJCM / MEMANBETSU

Visual REP



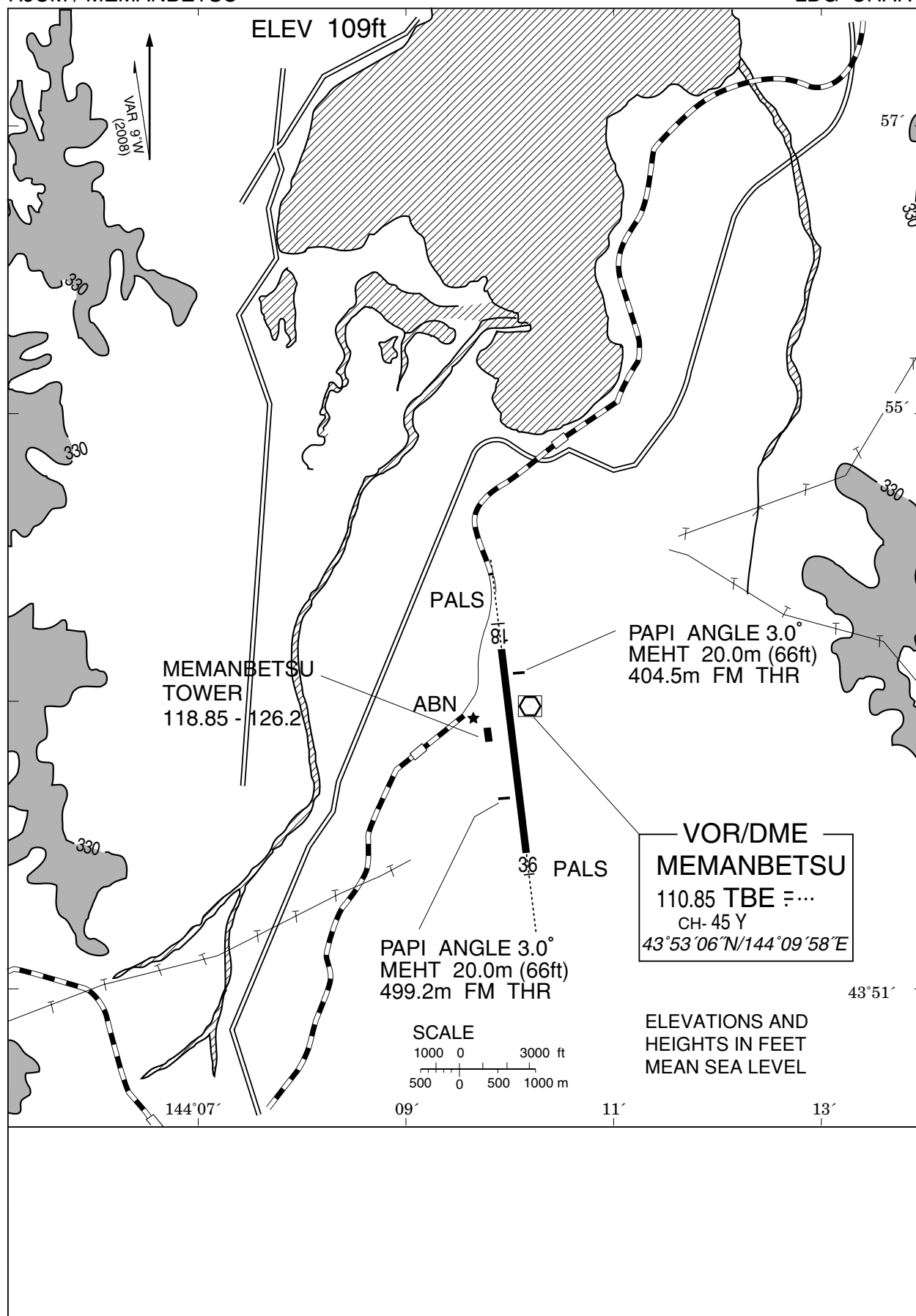
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.

Call sign	BRG / DIST from ARP	Remarks
網走 Abashiri	025°T / 9.2NM	JR駅 Station
湧沸湖 Tofutsuko	074°T / 10.5NM	湖 Lake
小清水 Koshimizu	097°T / 13.3NM	学校 School
東藻琴 Higashimokoto	110°T / 6.1NM	市街地 Town
美幌峠 Bihoro Toge	165°T / 14.4NM	峠 Pass
津別 Tsubetsu	210°T / 12.2NM	市街地 Town
美幌ステーション Bihoro Station	223°T / 3.7NM	JR駅 Station
北見 Kitami	248°T / 12.4NM	JR駅 Station
浜佐呂間 Hamasaroma	321°T / 15.5NM	佐呂間大橋 Bridge

RJCM / MEMANBETSU

LDG CHART





RJCM / MEMANBETSU

Minimum Vectoring Altitude CHART

