

STANDARD DEPARTURE CHART-INSTRUMENT

RJEC / ASAHIKAWA SID

KAGRA FOUR DEPARTURE

RWY16: Climb RWY HDG to 1600FT, turn left,...

RWY34: Climb via AWE R337 to 2.3DME, turn right,...

...direct to AWE VOR/DME, via AWE R283 to KAGRA.

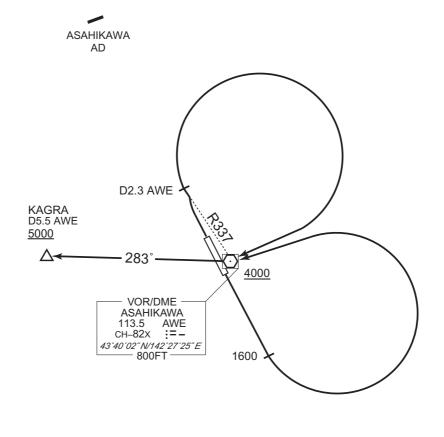
Cross AWE VOR/DME at or above 4000FT, cross KAGRA at or above 5000FT.

Note RWY16: 5.3% climb gradient required up to 1600FT.

OBST ALT 1247FT located at 2.0NM 146° FM end of RWY16.

RWY34: 5.0% climb gradient required up to 1000FT.

OBST ALT 696FT located at 1.4NM 021° FM end of RWY34.



STANDARD DEPARTURE CHART-INSTRUMENT

RJEC / ASAHIKAWA SID

ASAHIKAWA REVERSAL FIVE DEPARTURE

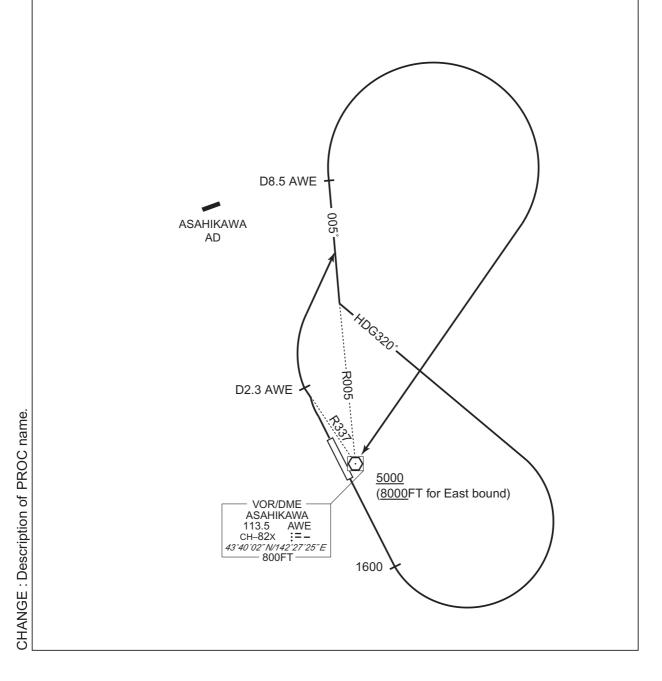
RWY16: Climb RWY HDG to 1600FT, turn left HDG320° to intercept and proceed ...

RWY34: Climb via AWE R337 to 2.3DME, turn right,...

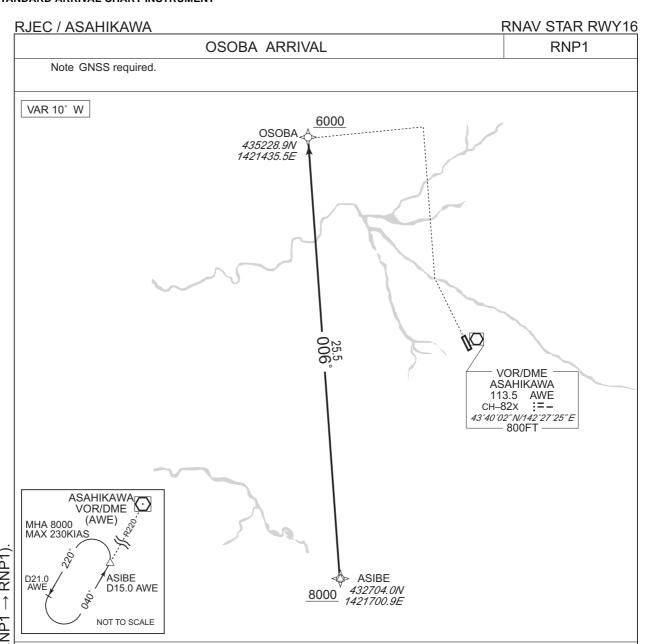
... via AWE R005 to 8.5DME, turn right, direct to AWE VOR/DME. Cross AWE VOR/DME at or above 5000FT (8000FT for East bound).

Note RWY16: 5.3% climb gradient required up to 1600FT.

OBST ALT 1247FT located at 2.0NM 146° FM end of RWY16.



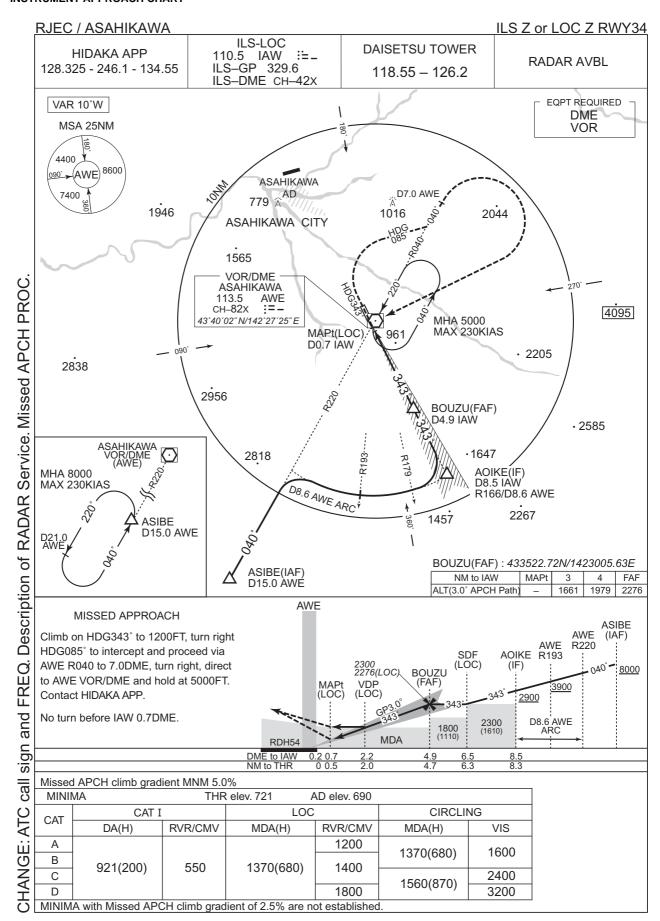
STANDARD ARRIVAL CHART-INSTRUMENT

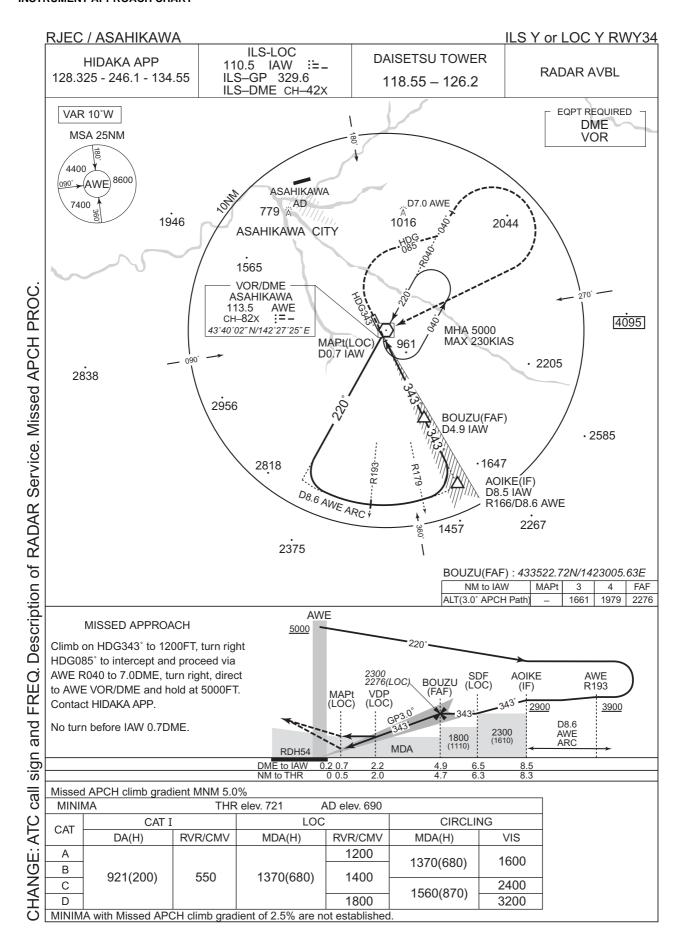


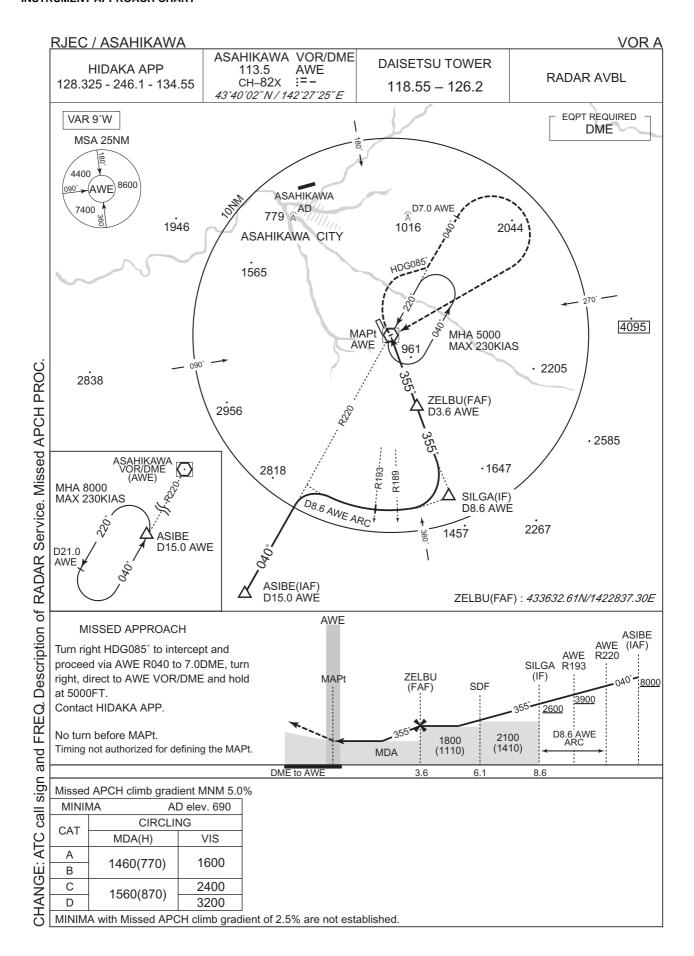
From ASIBE at or above 8000FT, to OSOBA at or above 6000FT.

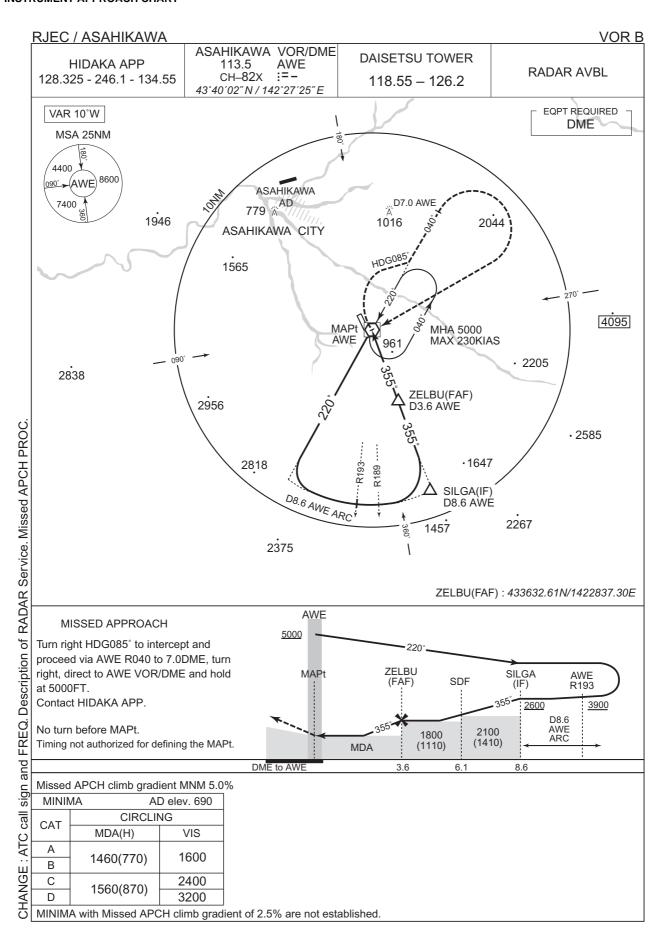
Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	ASIBE	_	_	-9.5	_	_	+8000	_	_	RNP1
002	TF	OSOBA	_	006 (356.1)	-9.5	25.5	_	+6000	_	_	RNP1

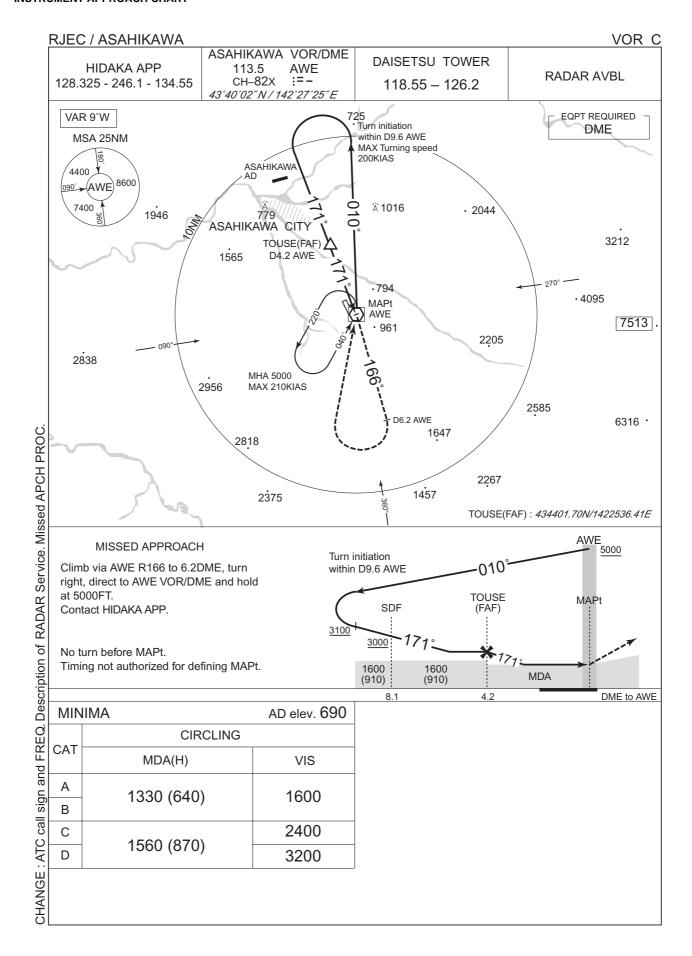


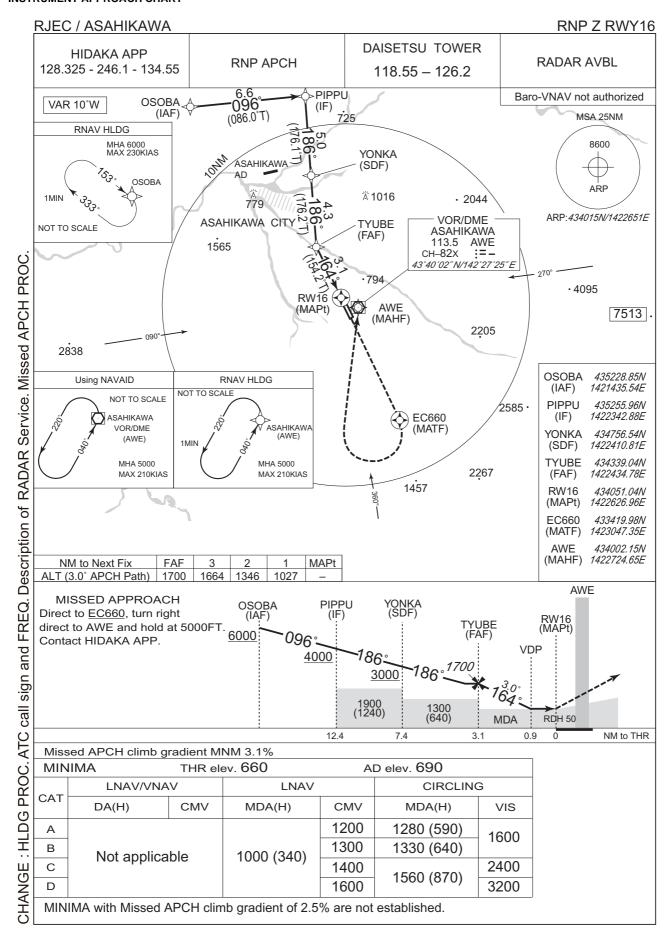


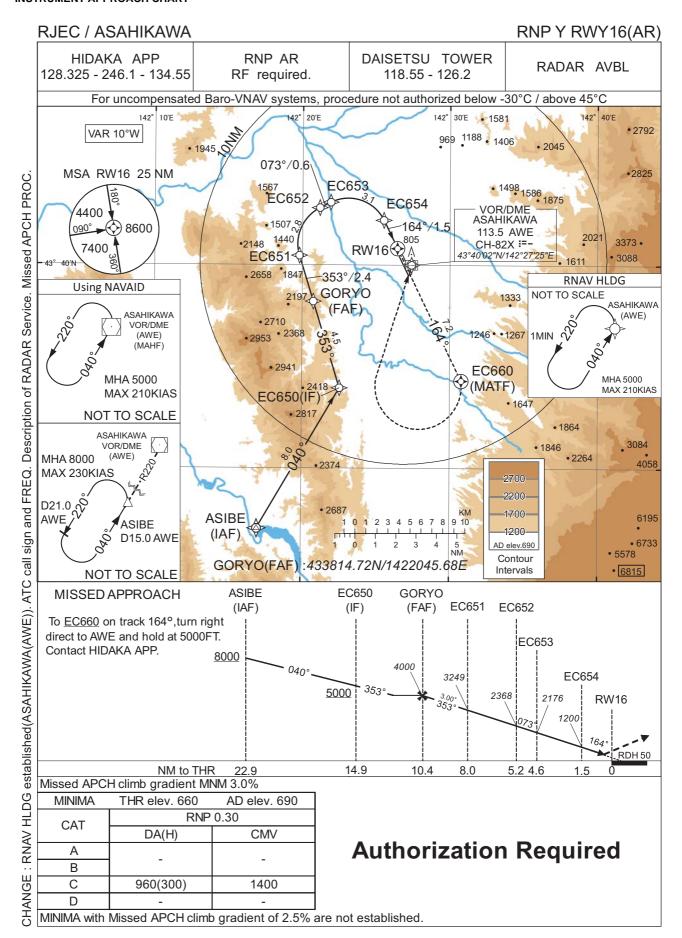












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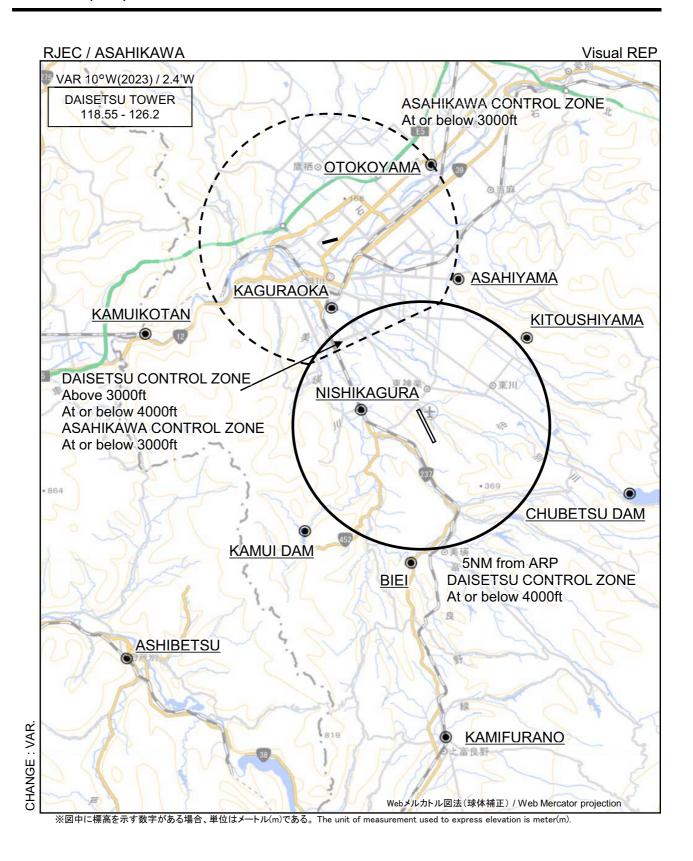
RNP Y RWY16(AR)

	<u>Coding Table</u>										
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	ASIBE	1	-	-9.5	-	-	+8000	-	-	-
002	TF	EC650	1	040 (030.1)	-9.5	8.0	-	+5000	-	-	1.0
003	TF	GORYO	1	353 (343.1)	-9.5	4.5	-	4000	-	-	1.0
004	TF	EC651	1	353 (343.0)	-9.5	2.4	-	3249	-	-3.00	0.30
005	RF Center: ECRF1 r=1.98NM	EC652	ı	1	-9.5	2.8	R	2368	ı	-3.00	0.30
006	TF	EC653	1	073 (063.0)	-9.5	0.6	-	2176	1	-3.00	0.30
007	RF Center: ECRF2 r=1.93NM	EC654	ı	1	-9.5	3.1	R	1200	ı	-3.00	0.30
800	TF	RW16	Υ	164 (154.2)	-9.5	1.5	-	710	ı	-3.00/50	0.30
009	CF	EC660	Υ	164 (154.2)	-9.5	7.2	-	-	-	-	1.0
010	DF	AWE	-	-	-9.5	-	R	5000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Lime	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	AWE	040 (030.6)	-9.9	1.0 (-14000)	L	5000	FL140	-210 (-14000)	1.0

Waypoint Coordinates

ı	2			
	Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
	ASIBE	432703.98N / 1421700.93E	ECRF1	434104.78N / 1422225.25E
	EC650	433359.28N / 1422233.14E	ECRF2	434123.69N / 1422307.68E
	GORYO	433814.72N / 1422045.68E		
	EC651	434030.03N / 1421948.65E		
	EC652	434250.78N / 1422111.17E		
	EC653	434307.07N / 1422155.45E		
	EC654	434214.29N / 1422531.40E		
	RW16	434051.04N / 1422626.96E		
	EC660	433419.98N / 1423047.35E		
	AWE	434002.15N / 1422724.65E		
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Visual REP

Call sign	BRG / DIST from ARP	Remarks		
男山 Otokoyama	002°T / 10.4NM	男山自然公園 Park		
旭山	0440T / 0 0NINA	旭山動物園		
Asahiyama	014°T / 6.0NM	Zoo		
神楽岡	324°T / 5.9NM	神楽岡公園		
Kaguraoka		Park		
神居古潭	289°T / 11.3NM	橋		
Kamuikotan	200 1 / 11.014101	Bridge		
岐登牛山	049°T / 5.4NM	スキー場		
Kitoushiyama	049 1 / 3.41NIVI	Ski ground		
西神楽	286°T / 2.4NM	JR駅		
Nishikagura	200 I / 2.4INIVI	Station		
忠別ダム	108°T / 8.5NM	ダム		
Chubetsu dam	100 1 / 0.311101	Dam		
神居ダム	227°T / 6.2NM	ダム		
Kamui dam	221 1 / O.ZINIVI	Dam		
美瑛	184°T / 5.5NM	道路(大曲)		
Biei	104 1 / 5.511101	Road		
芦別	231°T / 14.7NM	JR駅		
Ashibetsu	231 1 / 14./ INIVI	Station		
上富良野	176°T / 12.4NM	JR駅		
Kamifurano	1/0 1 / 12.4INIVI	Station		

