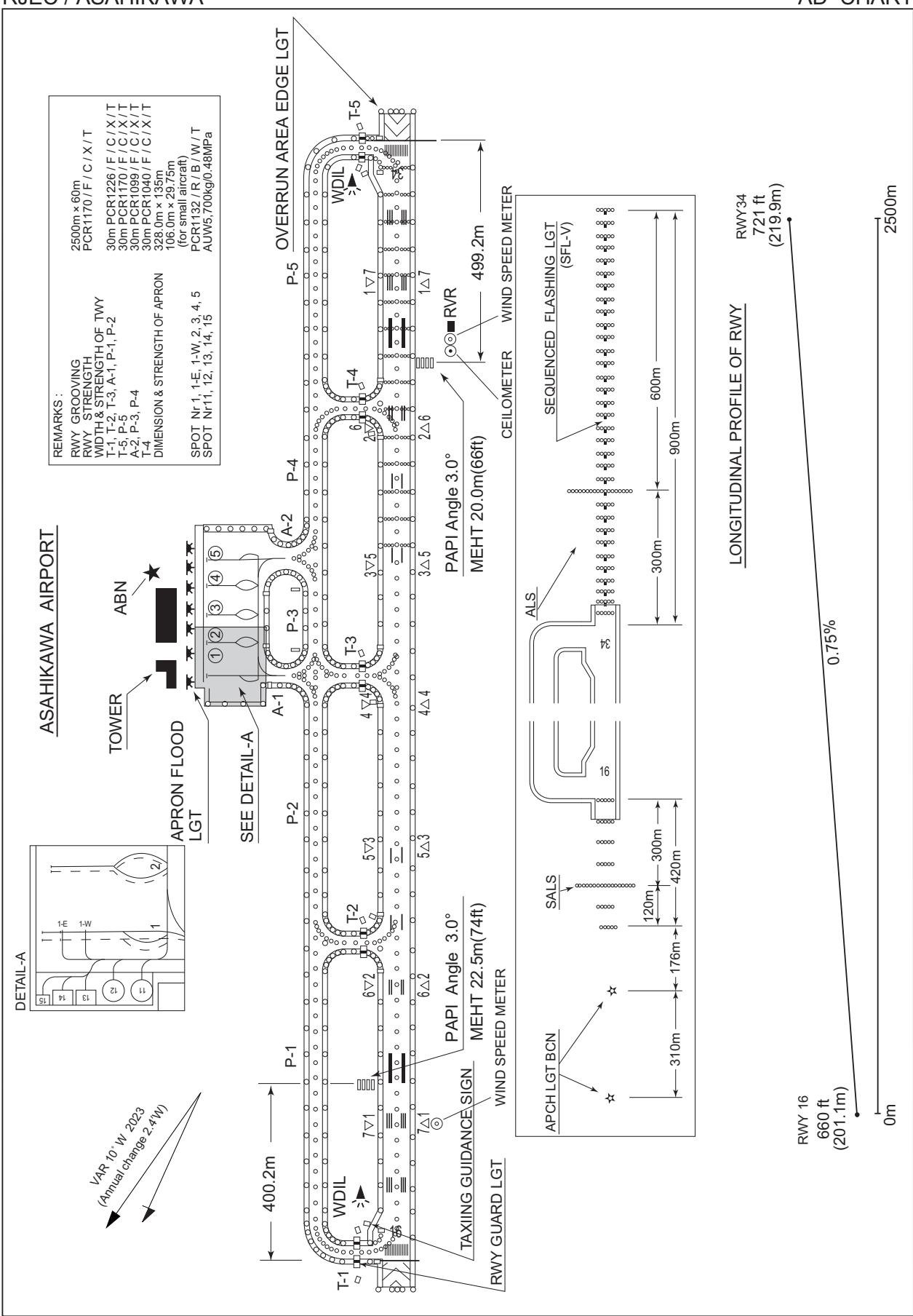


RJEC / ASAHIKAWA

AD CHART

CHANGE : Description of strength of pavement.



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.

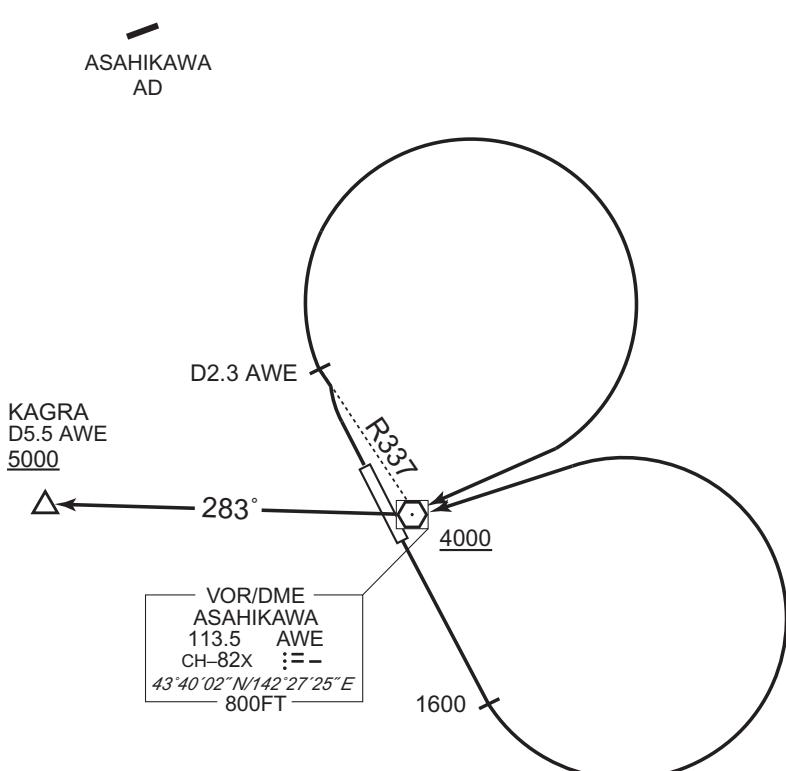
Note RWY16 : 5.3% climb gradient required up to 1600FT.

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.

CHANGE : Description of PROC name.



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,...

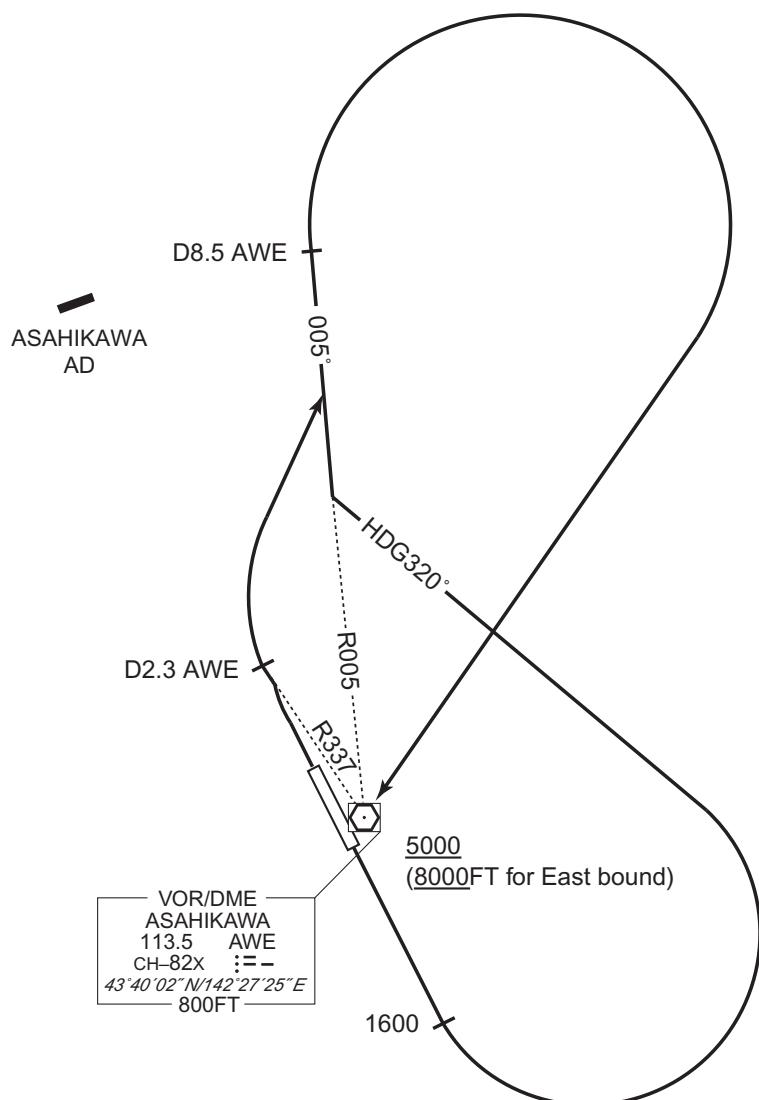
... via AWE R005 to 8.5DME, turn right, direct to AWE VOR/DME.

Cross AWE VOR/DME at or above 5000FT (8000FT for East bound).

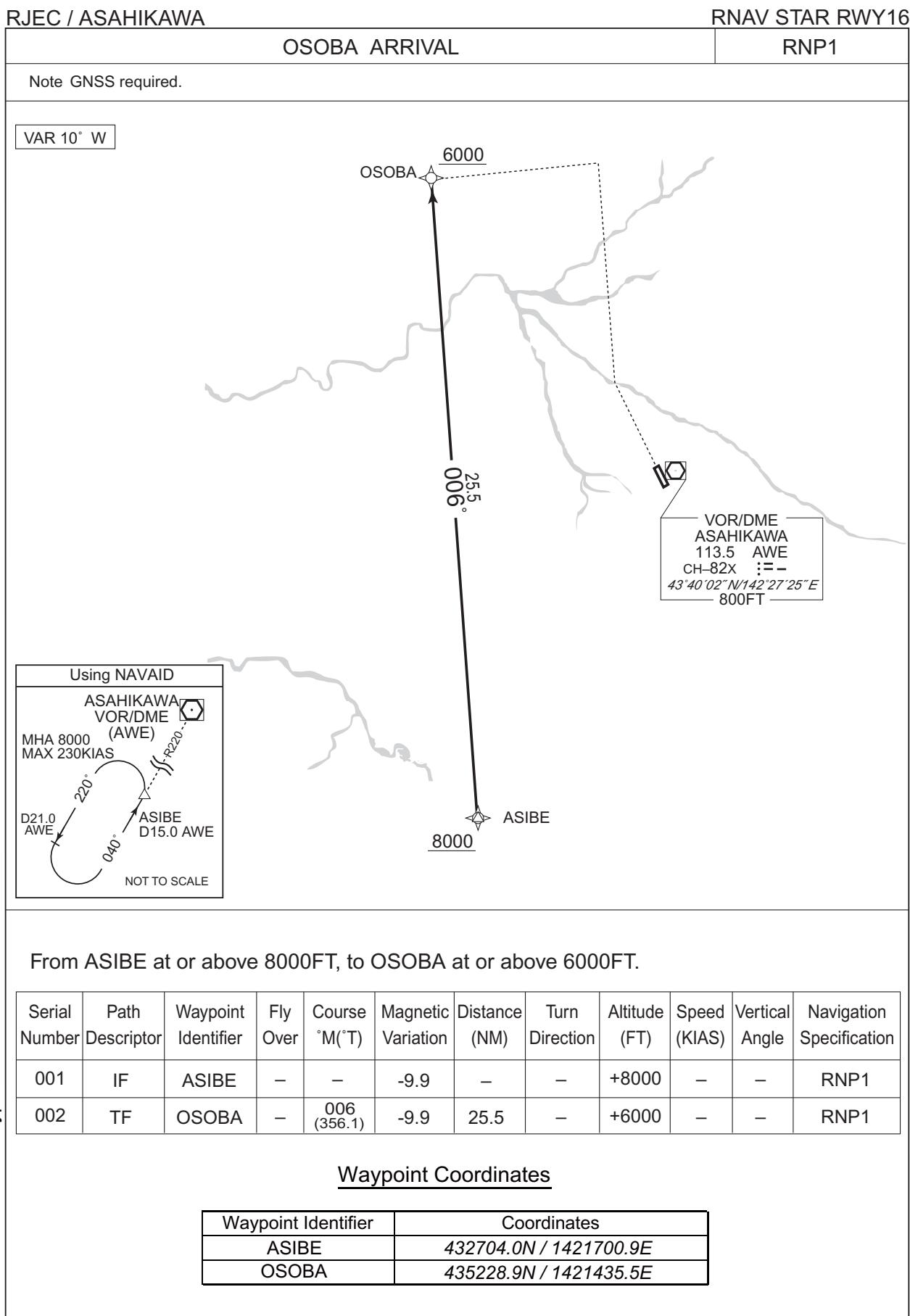
Note RWY16 : 5.3% climb gradient required up to 1600FT.

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

CHANGE : Description of PROC name.



STANDARD ARRIVAL CHART-INSTRUMENT



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INSTRUMENT APPROACH CHART

VAR 10°W

MSA 25NM

ILS-LOC 110.5 IAW **ILS-GP 329.6** **ILS-DME CH-42X**

DAISETSU TOWER 118.55 – 126.2

RADAR AVBL

EQPT REQUIRED DME VOR

ASAHIKAWA CITY

ASAHIKAWA AD 779

ASAHIKAWA VOR/DME (AWE) **113.5 AWE** **CH-82X** **43°40'02"N/142°27'25"E**

MAPt(LOC) D0.7 IAW

10NM

1946 **1565** **1016** **2044** **270°** **4095**

2838 **2956** **961** **2205** **2585**

2818 **R220** **AOIKE(IF) D8.5 IAW R166/D8.6 AWE** **1647** **2267**

ASIBE D15.0 AWE **ASIBE(IF) D15.0 AWE** **BOUZU(FAF) D4.9 IAW** **AOIKE(IF) D8.5 IAW R166/D8.6 AWE** **2267**

MHA 8000 MAX 230KIAS **D21.0 AWE** **20°** **040°** **ASIBE D15.0 AWE**

BOUZU(FAF) : 433522.72N/1423005.63E

NM to IAW	MAPt	3	4	FAF
ALT(3.0° APCH Path)	–	1661	1979	2276

MISSSED APPROACH

Climb on HDG343° to 1200FT, turn right HDG085° to intercept and proceed via AWE R040 to 7.0DME, turn right, direct to AWE VOR/DME and hold at 5000FT. Contact HIDAKA APP.

No turn before IAW 0.7DME.

RDH54 **2300 2276(LOC) VDP (LOC)** **MAPt (LOC)** **BOUZU (FAF)** **SDF (LOC)** **AOIKE (IF)** **AWE R193** **ASIBE (IAF) AWE R220 8000**

DME to IAW	0.2	0.7	2.2	4.9	6.5	8.5
NM to THR	0	0.5	2.0	4.7	6.3	8.3

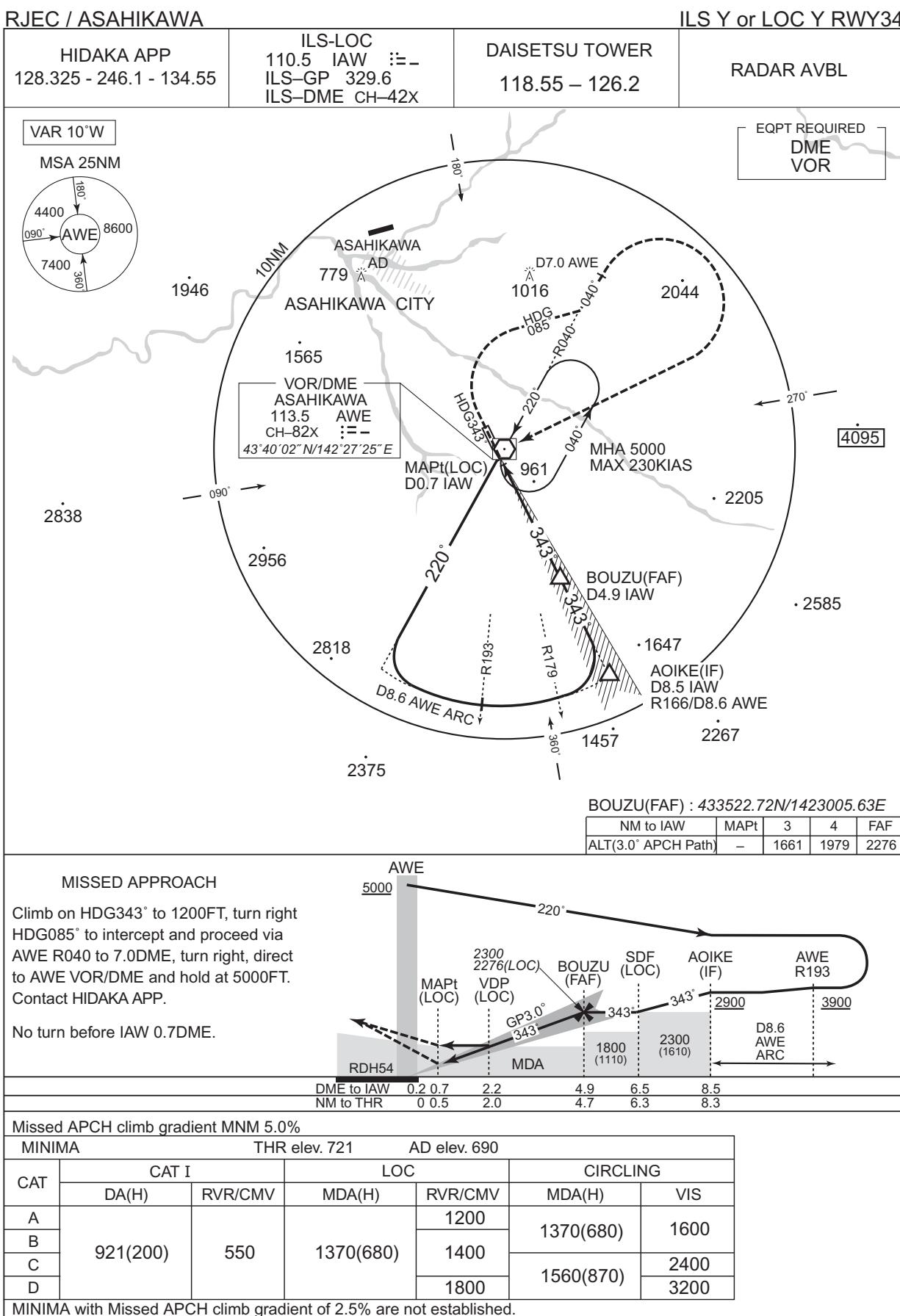
Missed APCH climb gradient MNN 5.0%

MINIMA		THR elev. 721		AD elev. 690		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A			1200			
B	921(200)	550	1370(680)	1400	1370(680)	1600
C					2400	
D				1800	1560(870)	3200

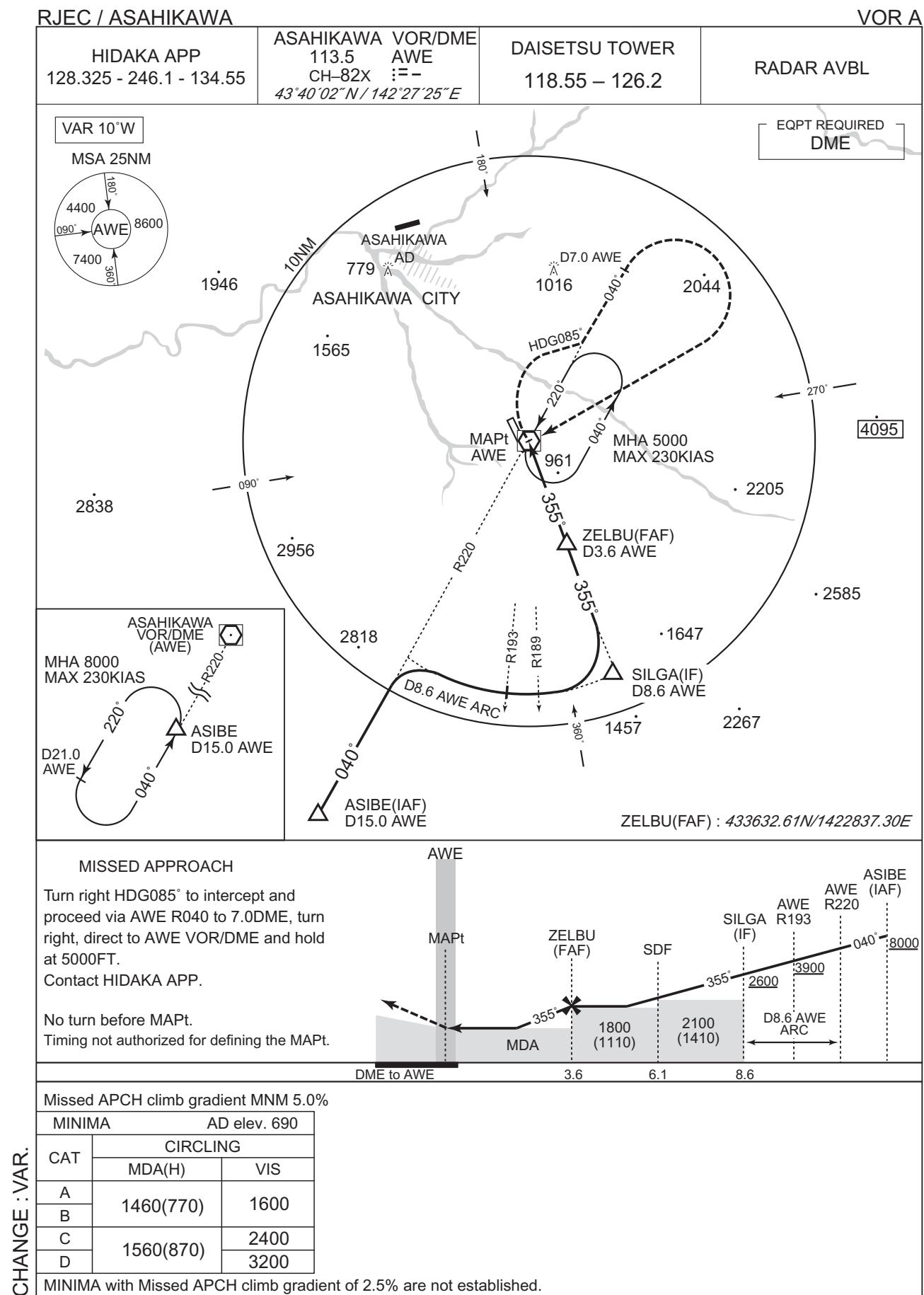
MINIMA with Missed APCH climb gradient of 2.5% are not established.

INSTRUMENT APPROACH CHART

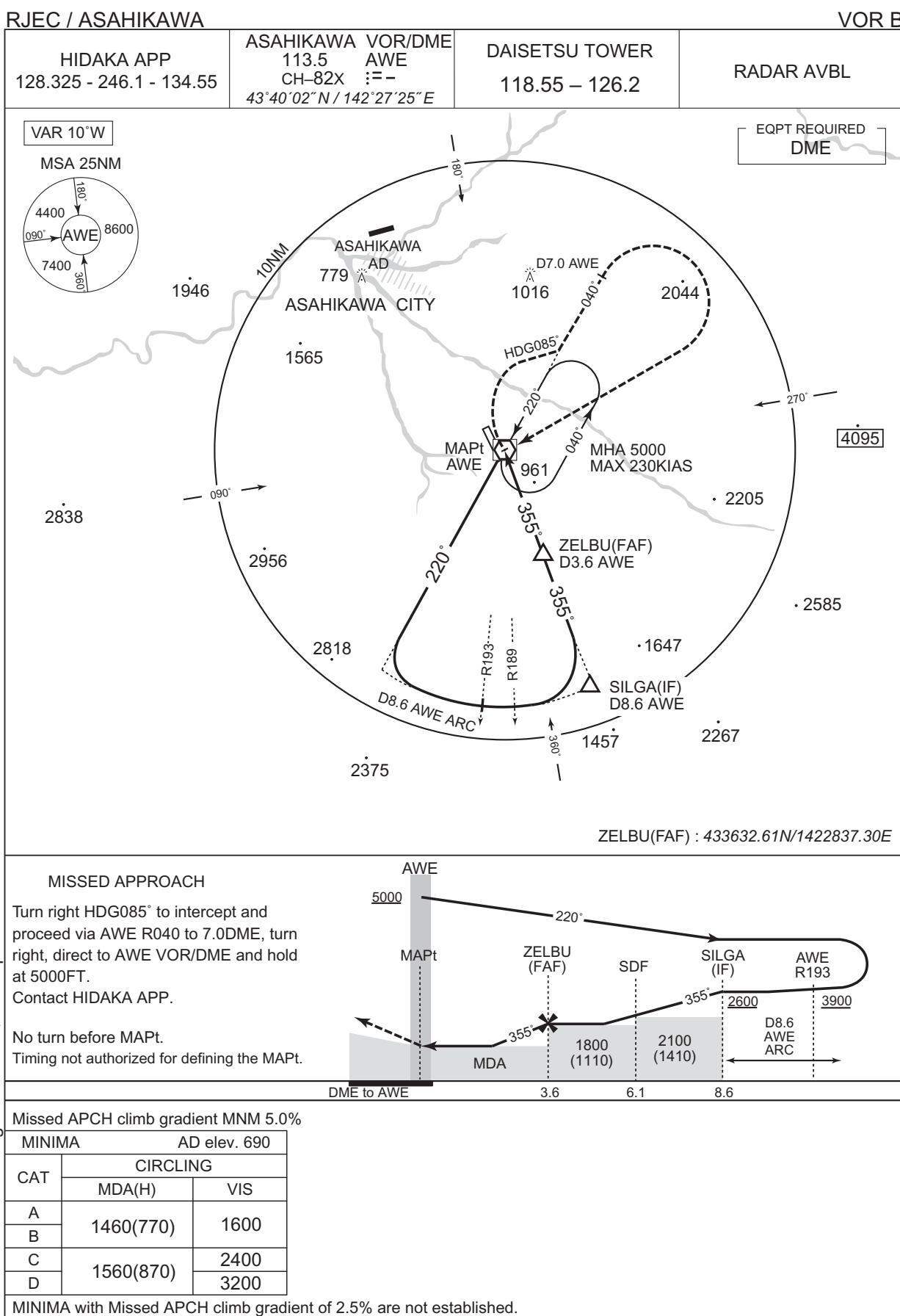
CHANGE: ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.



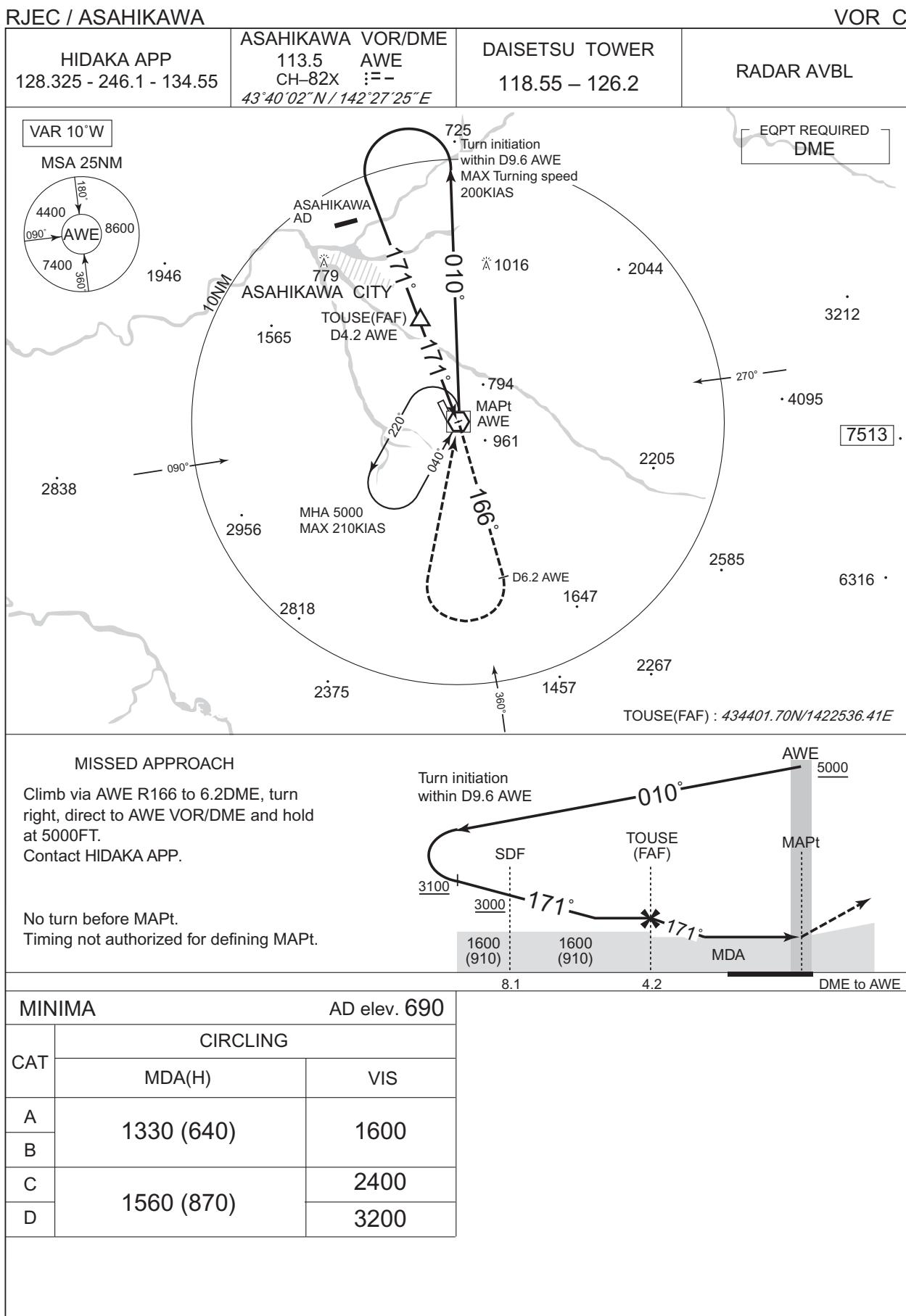
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



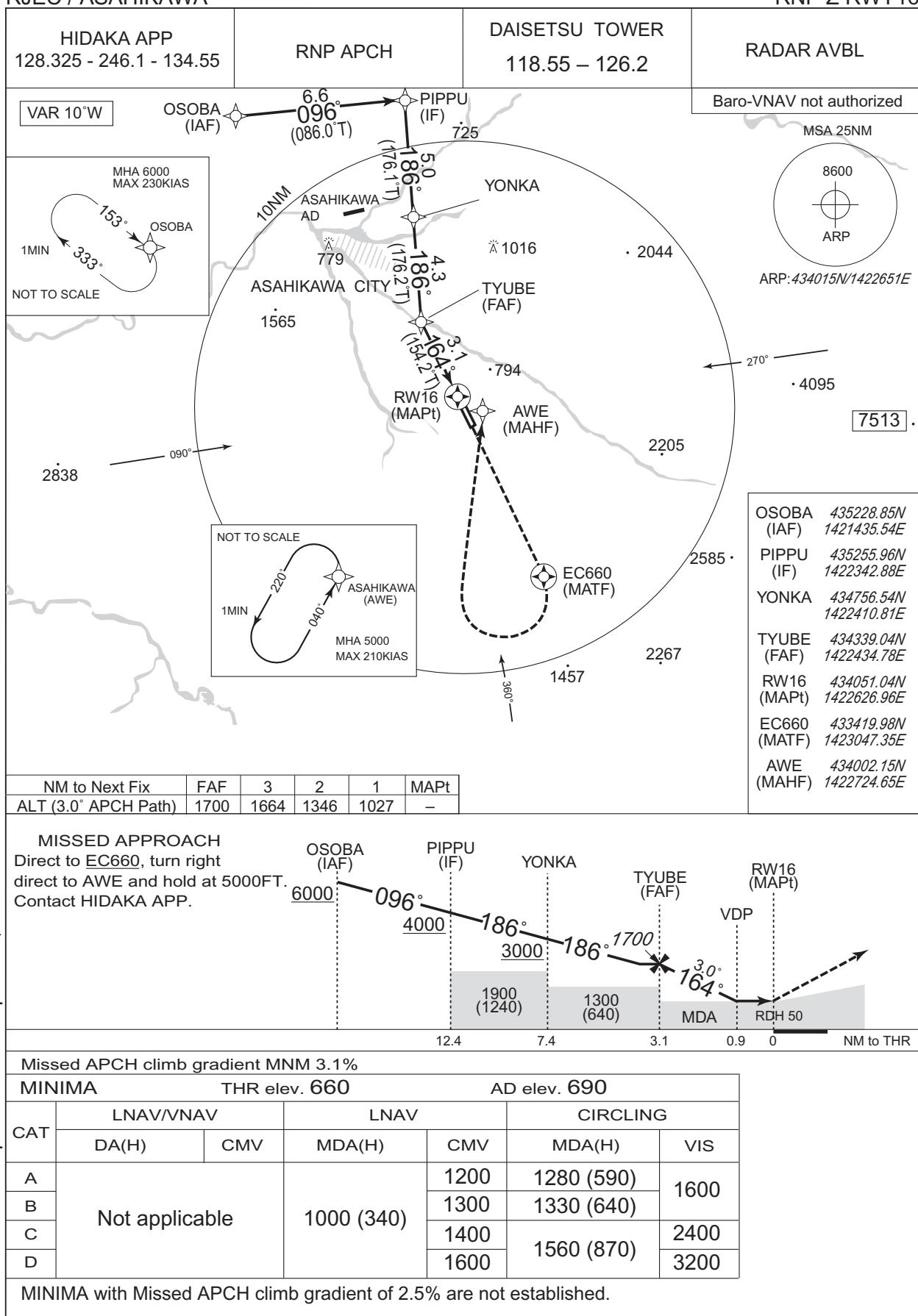
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

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RNP Z RWY16

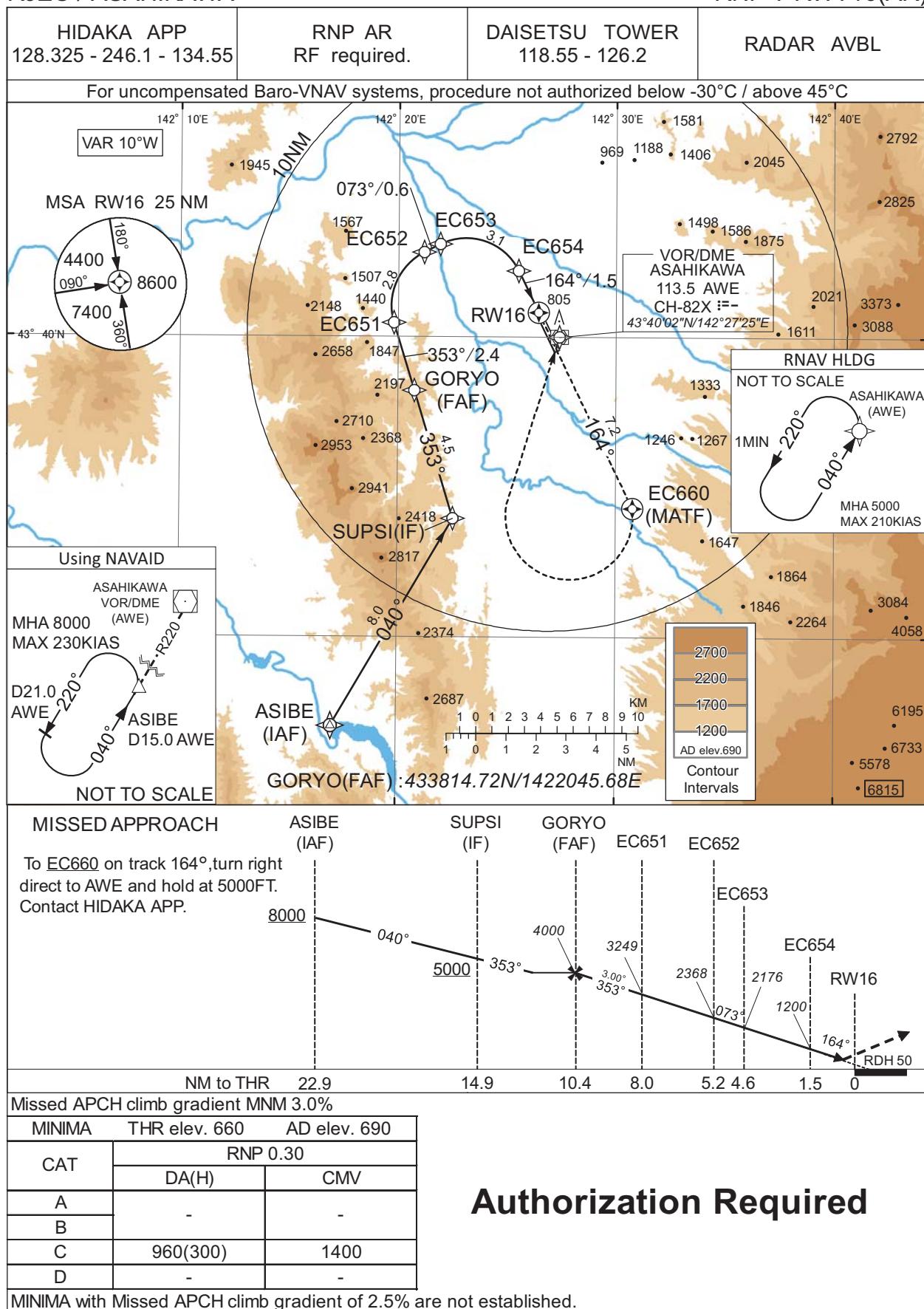


CHANGE : Description of HLDG pattern, SDF.

INSTRUMENT APPROACH CHART

RJEC / ASAHIKAWA

RNP Y RWY16(AR)



Authorization Required

INSTRUMENT APPROACH CHART

RJEC / ASAHIKAWA

RNP Y RWY16(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	ASIBE	-	-	-9.9	-	-	+8000	-	-	-
002	TF	SUPSI	-	040 (030.1)	-9.9	8.0	-	+5000	-	-	1.0
003	TF	GORYO	-	353 (343.1)	-9.9	4.5	-	4000	-	-	1.0
004	TF	EC651	-	353 (343.0)	-9.9	2.4	-	3249	-	-3.00	0.30
005	RF Center: ECRF1 r=1.98NM	EC652	-	-	-9.9	2.8	R	2368	-	-3.00	0.30
006	TF	EC653	-	073 (063.0)	-9.9	0.6	-	2176	-	-3.00	0.30
007	RF Center: ECRF2 r=1.93NM	EC654	-	-	-9.9	3.1	R	1200	-	-3.00	0.30
008	TF	RW16	Y	164 (154.2)	-9.9	1.5	-	710	-	-3.00/50	0.30
009	CF	EC660	Y	164 (154.2)	-9.9	7.2	-	-	-	-	1.0
010	DF	AWE	-	-	-9.9	-	R	5000	-	-	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	AWE	040 (030.6)	-9.9	1.0 (-14000)	L	5000	FL140	-210 (-14000)	1.0

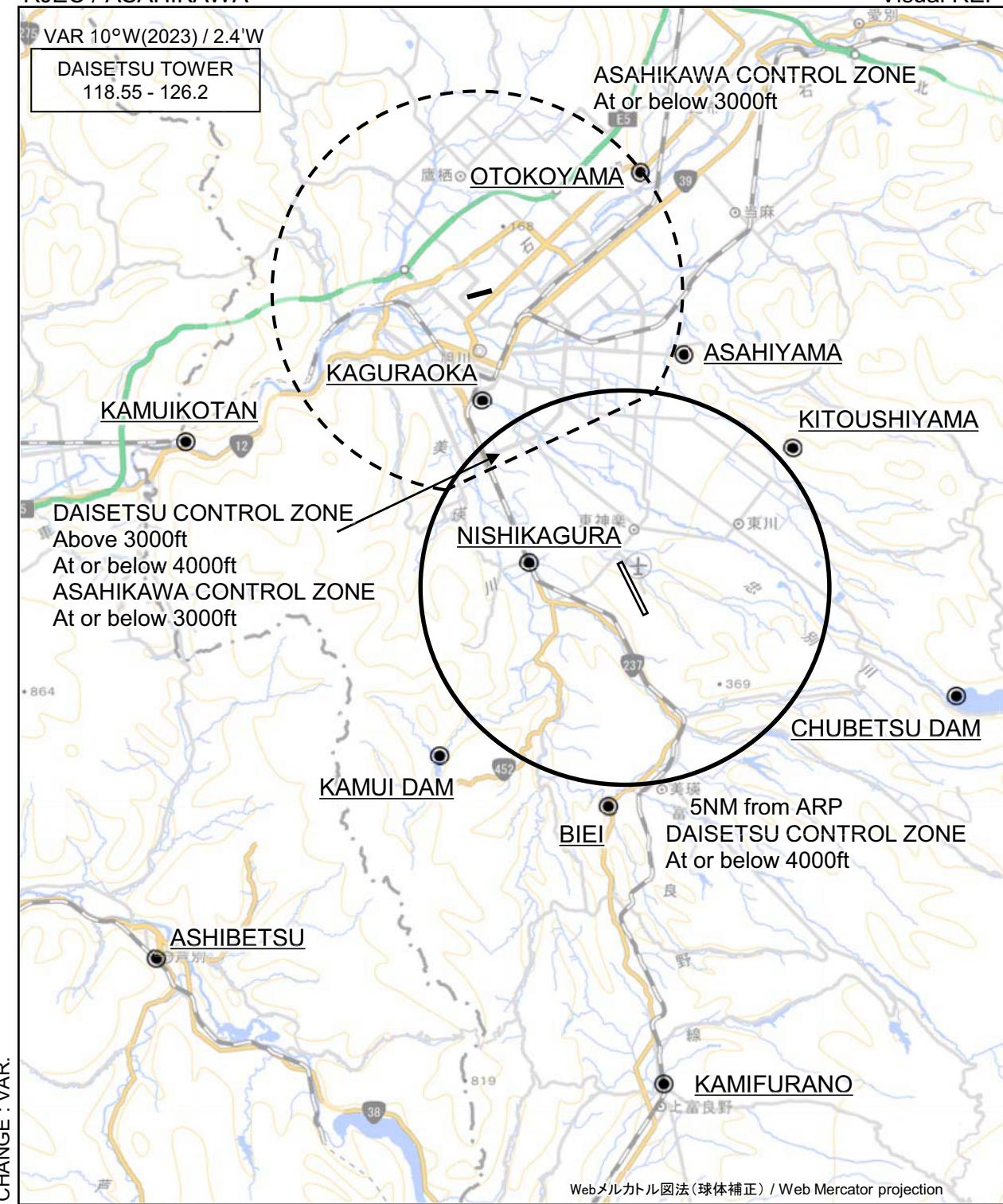
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ASIBE	432703.98N / 1421700.93E	ECRF1	434104.78N / 1422225.25E
SUPSI	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		

CHANGE : VAR. SUPSI established. EC650 abolished.

RJEC / ASAHIKAWA

Visual REP



RJEC / ASAHIKAWA

Visual REP

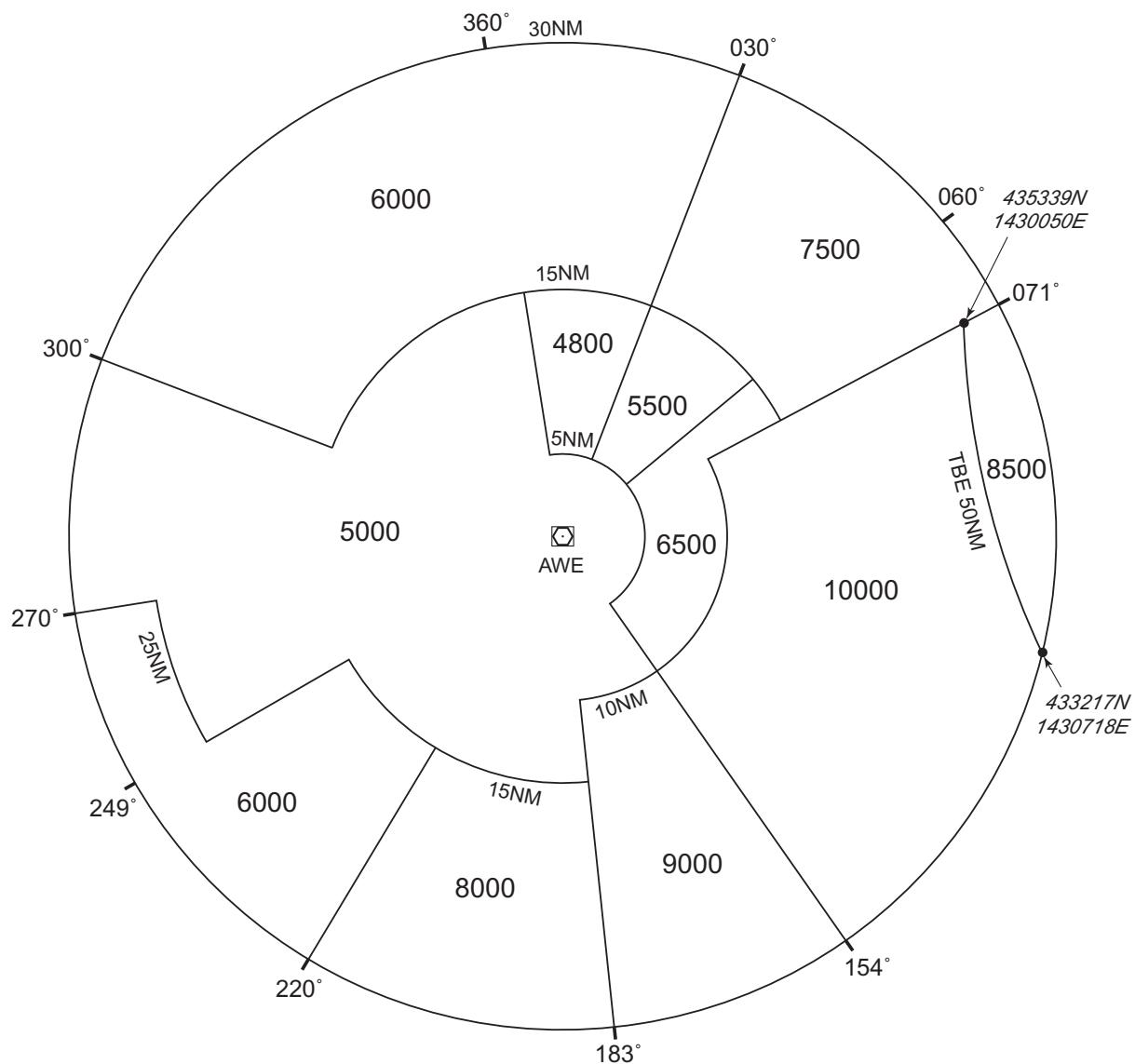
Call sign	BRG / DIST from ARP	Remarks
男山 Otokoyama	002°T / 10.4NM	男山自然公園 Park
旭山 Asahiyama	014°T / 6.0NM	旭山動物園 Zoo
神楽岡 Kaguraoka	324°T / 5.9NM	神楽岡公園 Park
神居古潭 Kamuikotan	289°T / 11.3NM	橋 Bridge
岐登牛山 Kitoushiyama	049°T / 5.4NM	スキー場 Ski ground
西神楽 Nishikagura	286°T / 2.4NM	JR駅 Station
忠別ダム Chubetsu dam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

CHANGE : Visual REP established(Otokoyama).

RJEC / ASAHIKAWA

Minimum Vectoring Altitude CHART

VAR 10°W (2024)



CHANGE : Update.

CENTER : 434002N/1422725E (AWE VOR/DME)

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