

AD 2 AERODROMES

RJEC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJEC - ASAHIKAWA

RJEC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	434015N/1422651E 154° / 1.25km from RWY16 THR
2	Direction and distance from (city)	7nm SSE from Asahikawa city
3	Elevation/ Reference temperature	690ft / 27°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	105ft
5	MAG VAR/ Annual change	10°W (2023) / 2.4°W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Hokkaido Airports Co.,Ltd. Asahikawa Airport Office 16-98 Higashi-2-sen, Higashi-Kagura-cho, Kamikawa-gun, Hokkaido TEL:0166-83-2200 FAX:0166-83-3643 e-MAIL:hap-akj@hokkaido-airports.co.jp
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Nil

RJEC AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1200
2	Customs and immigration	Customs: 2330-0815 Immigration: INTL SKED FLT hours only
3	Health and sanitation	Quarantine(human): 2330-0815 Quarantine(animal, plant): INTL SKED FLT hours only
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (NEW CHITOSE)
7	ATS	2300 - 1200
8	Fuelling	2300 - 1200
9	Handling	2300 - 1200
10	Security	2300 - 1200
11	De-icing	Nil
12	Remarks	Nil

RJEC AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	A full range of cargo handling equipment is available up to B747-400 aircraft.
2	Fuel/ oil types	Fuel grades : JET A-1
3	Fuelling facilities/ capacity	Fuel truck refueling / Ask AD administration
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJEC AD 2.5 PASSENGER FACILITIES⁴

1	Hotels	Nil
2	Restaurants	At airport
3	Transportation	Buses, taxi
4	Medical facilities	Nil
5	Bank and Post Office	At airport(ATM only)
6	Tourist Office	Nil
7	Remarks	Nil

RJEC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT9
2	Rescue equipment	Chemical fire fighting truck x 3, Water-supply truck, Rescue and foam solution transport truck, Emergency medical equipments conveyance truck
3	Capability for removal of disabled aircraft	Ask AD administration
4	Remarks	Nil

RJEC AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Snow removal equipments: Sweeper x 7, Snowplow x 4, Rotary x 3, Grader x 2, Tractor-shovel x 3
2	Clearance priorities	(1) RWY 16/34, TWY T1, T5 (2) TWY T2 - T4, Apron
3	Remarks	Seasonal availability : All seasons

RJEC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Spot NR1, 1-E, 1-W, 2, 3, 4, 5 : Surface : cement concrete, Strength : PCR 1132/R/B/W/T Spot NR11, 12, 13, 14, 15 : Surface : cement concrete, Strength : AUW 5,700kg/0.48MPa
2	Taxiway width, surface and strength	T1 - T3, A1 ,P1 ,P2 : Width : 30m, Surface : asphalt-concrete, Strength : PCR 1226/F/C/X/T T5, P5 : Width : 30m, Surface : asphalt-concrete, Strength : PCR 1170/F/C/X/T P3 : Width : 30m, Surface : asphalt-concrete, Strength : PCR 1099/F/C/X/T T4, A2, P4 : Width : 30m, Surface : asphalt-concrete, Strength : PCR 1040/F/C/X/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1: 434018.01N/1422709.88E 2: 434016.16N/1422710.69E 3: 434014.59N/1422712.16E 4: 434012.59N/1422713.10E 5: 434010.62N/1422714.70E
6	Remarks	Nil

RJEC AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	ACFT stand identification signs installed as appropriate. ACFT stand taxi lane :Spot NR 1, 1-E, 1-W, 2, 3, 4, 5, 11, 12, 13, 14, 15
2	RWY and TWY markings and LGT	RWY: RWY16/34 (Marking) RWY designation, RWY CL, RWY THR, TDZ, RWY side stripe, Aiming point (LGT) RCLL, REDL, RTHL, RENL, RTZL(RWY34), WBAR, RWY DIST marker LGT TWY: (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT (Other than A1,A2), RWY guard LGT(T1-T5), Taxiing guidance sign (as appropriate)
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) Apron flood LGT

RJEC AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

RJEC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NEW CHITOSE
2	Hours of service MET Office outside hours	H24 (NEW CHITOSE)
3	Office responsible for TAF preparation Periods of validity	NEW CHITOSE 30 HoursNEW CHITOSE
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at NEW CHITOSE
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S ₆ , U ₈₅ , U ₇ , U ₅ , U ₃ , U ₂₅ , U ₂ /T _r , P _s , P ₅ , P ₃ , P ₂₅ , P _{SWE} , P _{SWF} , P _{SWG} , P _{SWI} , P _{SWM} , P _{SW} (domestic), E, C, W _E , W _F , W _G , W _I , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	TWR
10	Additional information(limitation of service, etc.)	Nil

RJEC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCR) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
16	154.17°	2500x60	PCR 1170/F/C/X/T Asphalt Concrete	434051.04N/1422626.96E 105.2ft	THR ELEV: 660ft
34	334.17°	2500x60	PCR 1170/F/C/X/T Asphalt Concrete	433938.12N/1422715.59E 105.3ft	THR ELEV: 721ft TDZ ELEV: 717.7ft
Slope of RWY		Strip Dimensions(M)	RESA (Overrun) Dimensions(M)		Remarks
7		10	11		14
See AD2.24 AD CHART		2620x300	135 × (MNM:226 MAX:300)*		RWY Grooving:2500x60m
		2620x300	190 × (MNM:220 MAX:300)*		
*For detail, ask airport administrator					

RJEC AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
16	2500	2500	2500	2500	Nil
TWY:T2	1740	1740	1740		Nil
34	2500	2500	2500	2500	Nil
TWY:T4	1840	1840	1840		Nil

誘導路のTORA, TODA 及び ASDA は、誘導路中心線と滑走路中心線の交点から滑走路末端までの距離を示す。
(TORA, TODA and ASDA for TWY indicate distances BTN the point where TWY CL meets RWY CL and RWY THR.)

RJEC AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
16	SALS (*1) 420m LIH	Green Green	PAPI 3.0°/LEFT 400.2m 74ft	Nil	2,500m 30m Coded color (White/Red) LIH	2,500m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
34	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0°/LEFT 499.2m 66ft	900m	2,500m 30m Coded color (White/Red) LIH	2,500m 60m Coded color (White/Yellow) LIH	Red	Nil (*2)
Remarks								
10								
SALS with APCH LGT beacon(906m and 596m FM RWY THR)(*1) Over run area edge LGT(LEN:60m,Color:Red)(*2)								

RJEC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 434013N/1422718E, White/Green EV4.3sec,HO
2	LDI location and LGT Anemometer location and LGT	LDI:Nil Anemometer: RWY16:300m from RWY16 THR, LGTD RWY34: 430m from RWY34 THR, LGTD
3	TWY edge and center line lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply/ switch-over time	Within 1sec : REDL, RTHL, RENL, WBAR, RCLL, Overrun area edge LGT Within 15sec: Other LGT
5	Remarks	WDI LGT

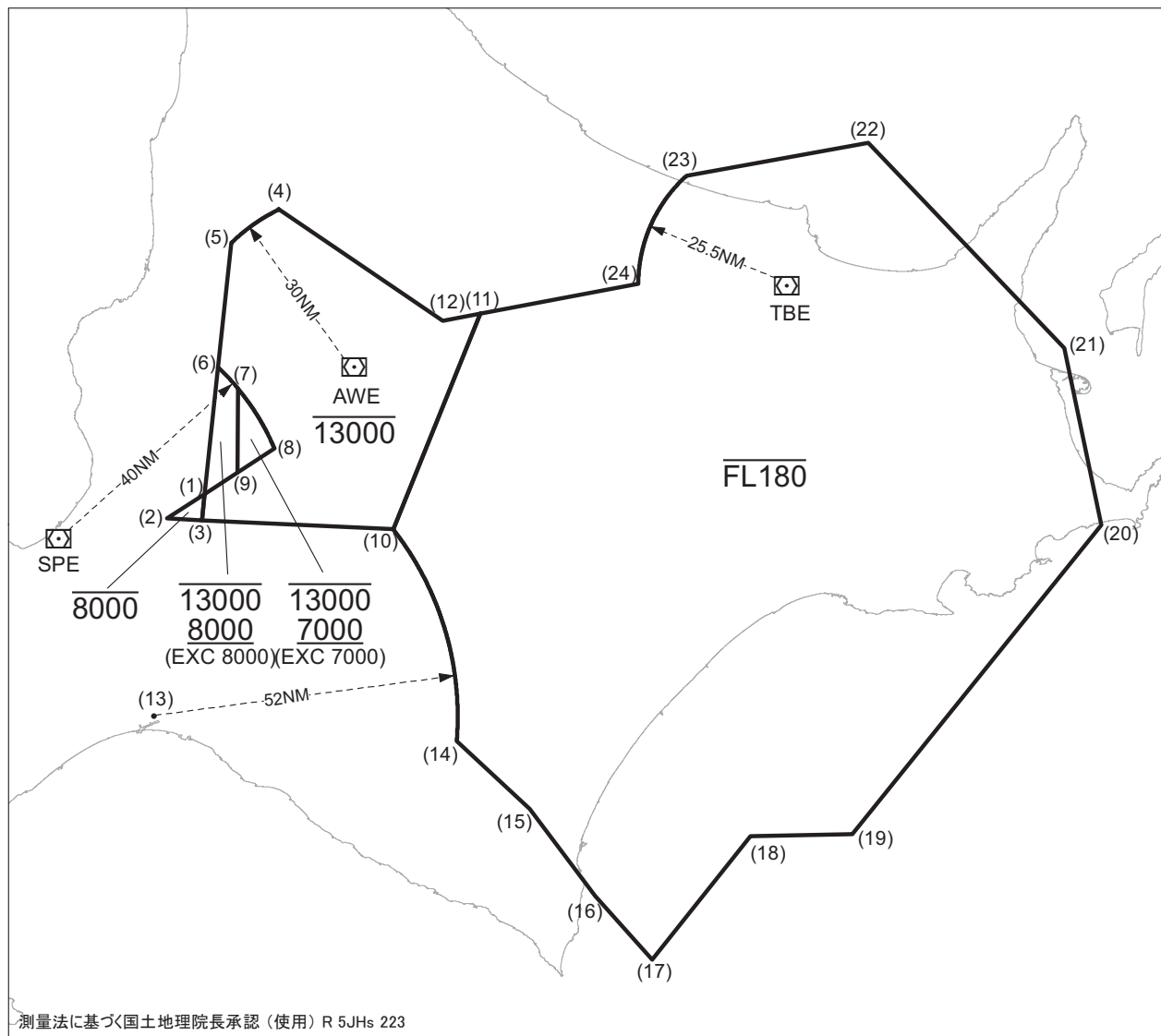
RJEC AD 2.16 HELICOPTER LANDING AREA

Nil

RJEC AD 2.17 ATS AIRSPACE

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Daisetsu CTR	Area within a radius of 5nm(9km) of Asahikawa / RJEC ARP (43°40'N 142°27'E)	4,000 or below (Exclude the area of Asahikawa Control Zone)	D	Daisetsu Tower En	
Hidaka ACA	See attached chart		E	Hidaka APP En	

日高進入管制区
Hidaka Approach Control Area



Point list

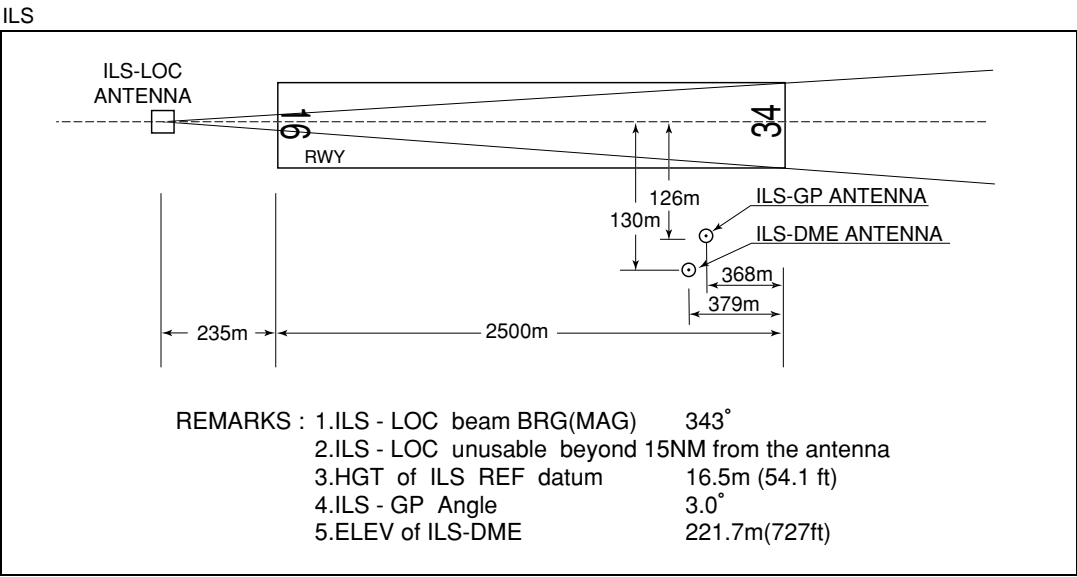
(1)	431816N	1415211E	(11)	434905N	1425713E	(21)	434058N	1451503E
(2)	431403N	1414327E	(12)	434756N	1424826E	(22)	441712N	1443012E
(3)	431348N	1415134E	(13)	424008N	1414046E	(23)	441216N	1434640E
(4)	440707N	1420931E	(14)	423554N	1425100E	(24)	435352N	1433444E
(5)	440126N	1415820E	(15)	422409N	1430746E			
(6)	433958N	1415515E	(16)	420908N	1432236E			
(7)	433624N	1415958E	(17)	415802N	1433531E			
(8)	432608N	1420835E	(18)	421854N	1435838E			
(9)	432200N	1415958E	(19)	421851N	1442211E			
(10)	431217N	1423627E	(20)	431029N	1452217E			

RJEC AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Hidaka Approach	128.325MHz 246.1MHz 134.55MHz 121.5MHz(E) 243.0MHz(E)	2230 - 1200	
TWR	Daisetsu Tower	118.55MHz(1) 126.2MHz 121.5MHz(E) 243.0MHz(E)	2300 - 1200	(1)Primary

RJEC AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (9°W/2018)	AWE	113.5MHz	H24	434002.15N/ 1422724.65E		VOR/DME Unusable: 080°-090° beyond 35nm BLW 9000ft. VOR Unusable: 090°-110° beyond 35nm BLW 10000ft. 110°-130° beyond 30nm BLW 10000ft. 130°-170° beyond 35nm BLW 10000ft.
DME	AWE	1169MHz (CH-82X)	H24	434002.15N/ 1422724.65E	769ft	DME Unusable: 090°-110° beyond 25nm BLW 10000ft. 110°-170° beyond 30nm BLW 10000ft. 220°-230° beyond 30nm BLW 6000ft. 230°-240° beyond 35nm BLW 6000ft. 240°-260° beyond 20nm BLW 6000ft. 260°-290° beyond 35nm BLW 7000ft.
ILS-LOC 34	IAW	110.5MHz	2300 - 1200	434057.88N/ 1422622.40E		LOC: 235m(771ft) away FM RWY16 THR, BRG (MAG) 343°.
ILS-GP 34	-	329.6MHz	2300 - 1200	433947.05N/ 1422703.34E		GP: 368m(1207ft) inside FM RWY 34 THR, 126m(413ft) W of RCL. HGT of ILS Ref datum 16.5m. Angle 3.0°
ILS-DME 34	IAW	1003MHz (CH-42X)	2300 - 1200	433947.34N/ 1422702.97E	727ft	DME: 379m(1243ft) inside FM RWY 34 THR, 130m(427ft) W of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based



RJEC AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

PPR
Prior permission is required for transient aircraft due to parking congestion except scheduled and/or emergency flight.
Tel : Hokkaido Airports Co., Ltd. Asahikawa Airport Office 0166-83-2200

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

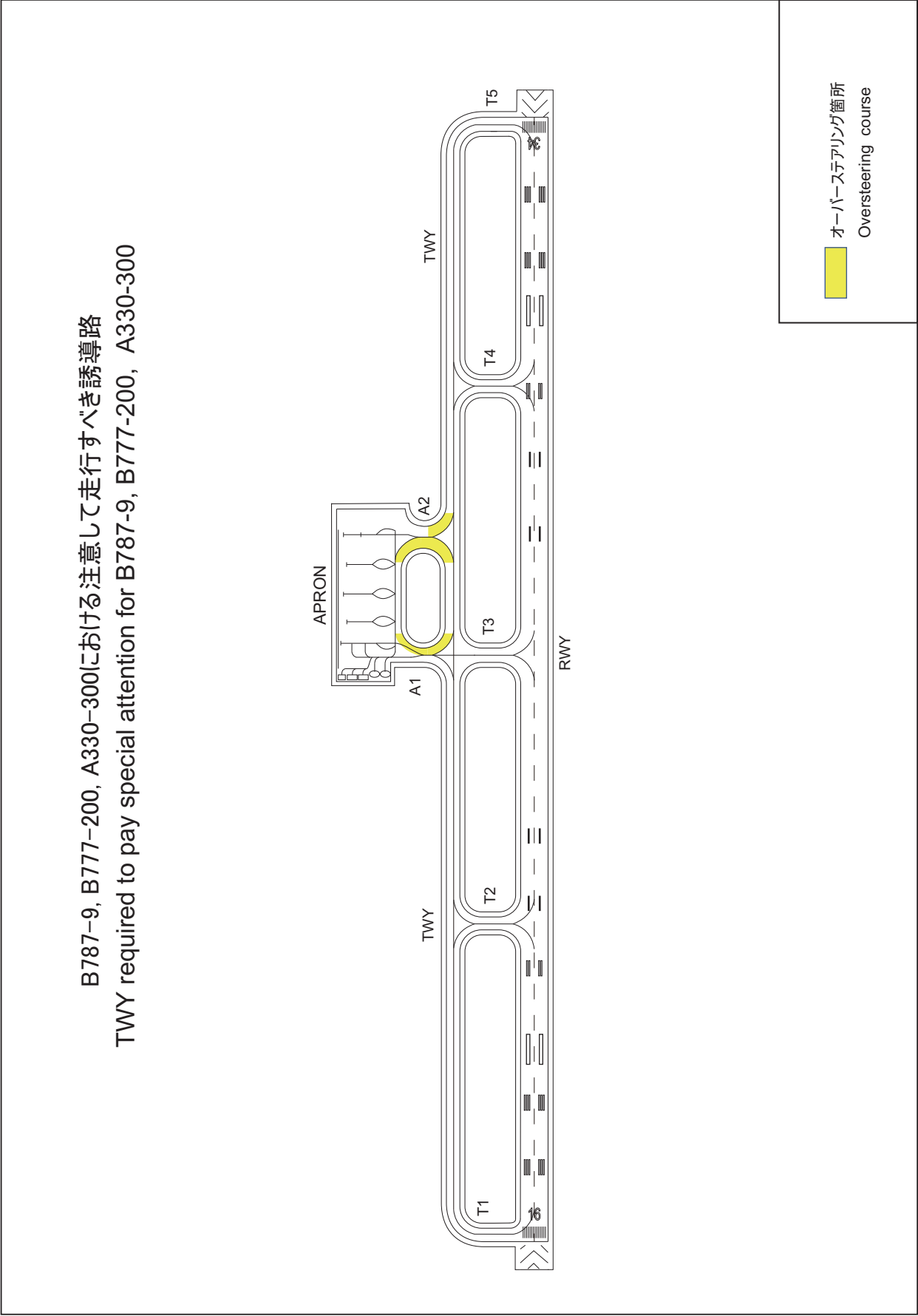
6. Taxiing - limitations

1.Wing tip clearance at the TWY intersection (REF. AD1.1 item 6.8)
Wing tip clearance at the TWY intersection between the ACFT holding at the stop marking on the TWY and the other ACFT taxiing behind it are as follows.

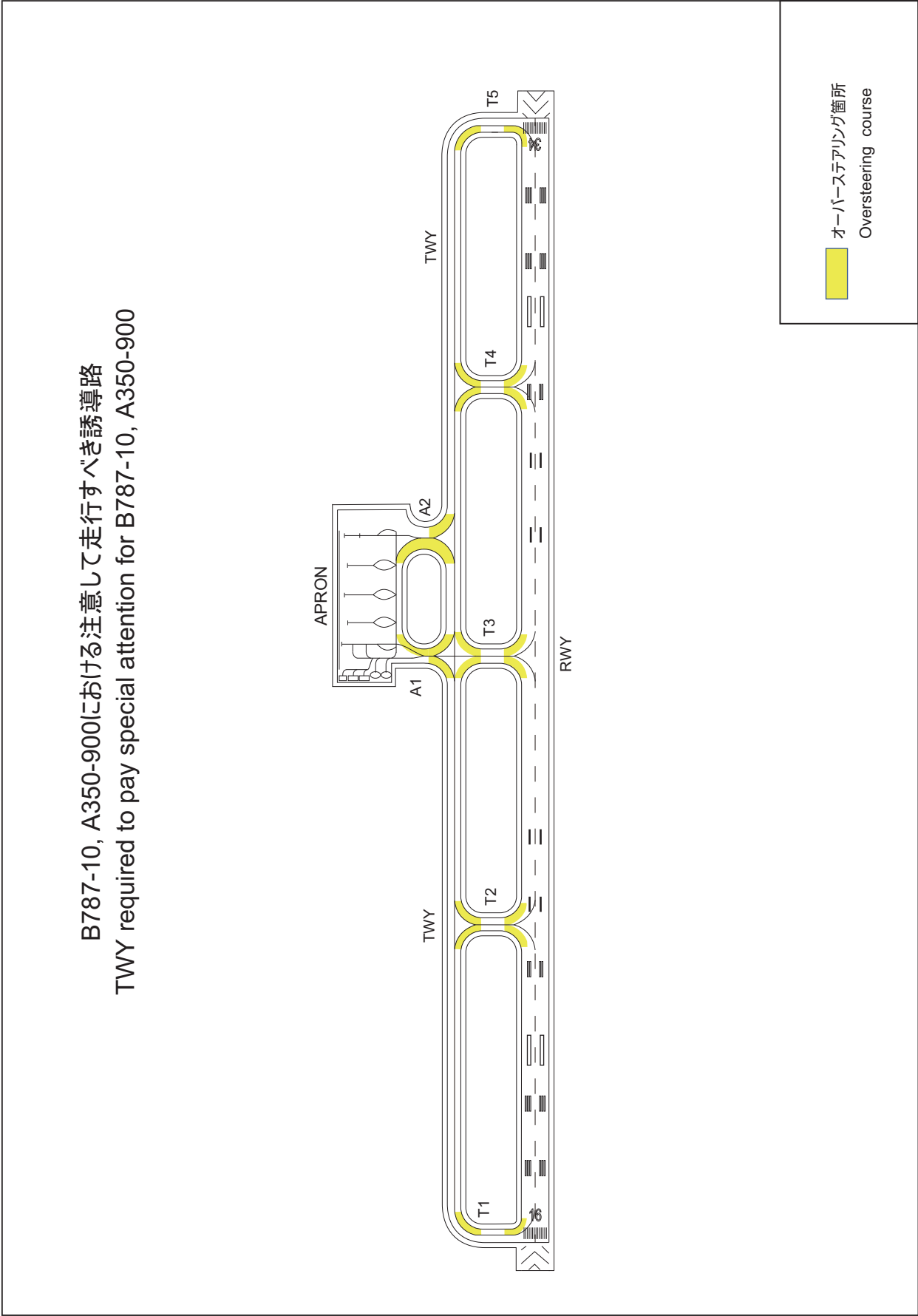
When A306 holding at the stop marking on TWY T2,T3 or T4.

Wing span(WS) of ACFT taxiing on TWY P1-P5	WS<=59.8m	59.8m<WS<=76.8m	WS>76.8m	Legend : A*:Wing tip clearance >=15m B*:6.5m<=Wing tip clearance <15m C*:Wing tip clearance<6.5m
Wing tip clearance	A*	B*	C*	

2. B787-9、B777-200、A330-300 における注意して走行すべき誘導路
2. TWY required to pay special attention for B787-9, B777-200, A330-300



3. B787-10、A350-900 における注意して走行すべき誘導路
3. TWY required to pay special attention for B787-10, A350-900



7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJEC AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJEC AD 2.22 FLIGHT PROCEDURES**1.TAKE OFF MINIMA**

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL marking		NIL (DAYTIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	16	A,B,C,D	-	400m	-	400m	-	500m
	34	A,B,C,D	400m	400m	400m	400m	-	500m
Other	16	A,B,C,D	AVBL LDG MINIMA					
	34	A,B,C,D						

2. Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with Hidaka Approach are lost for 1 minute, squawk Mode A/3 Code 7600 and;

- (I)
1. Contact Daisetsu Tower.
 2. If unable, proceed in accordance with visual flight rules.
 3. If unable, proceed to ASAHIKAWA VOR/DME at last assigned altitude or 5,000 feet whichever is higher, and execute instrument approach.
- (II) Procedures other than above will be issued when situation requires.

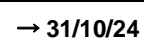
RJEC AD 2.23 ADDITIONAL INFORMATION

Nil

RJEC AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
 Standard Departure Chart - Instrument (KAGRA, ASAHIKAWA REVERSAL)
 Standard Arrival Chart - Instrument (OSOBARNAV)
 Instrument Approach Chart (ILS Z or LOC Z RWY34)
 Instrument Approach Chart (ILS Y or LOC Y RWY34)
 Instrument Approach Chart (VOR A)
 Instrument Approach Chart (VOR B)
 Instrument Approach Chart (VOR C)
 Instrument Approach Chart (RNP Z RWY16)
 Instrument Approach Chart (RNP Y RWY16(AR))
 Other Chart (Visual REP)
 Other Chart (MVA CHART)

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

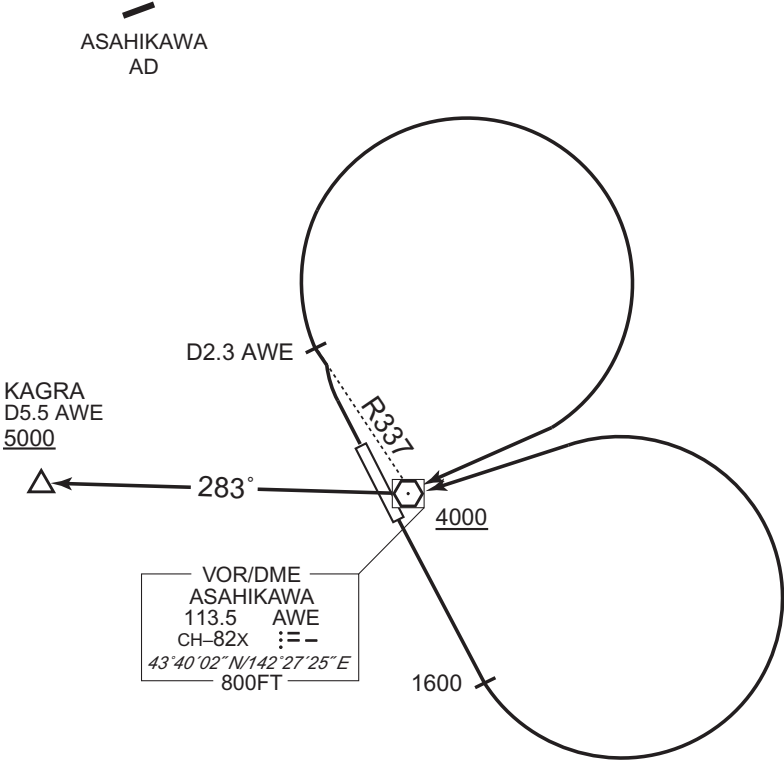
RJEC / ASAHIKAWA

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 ...

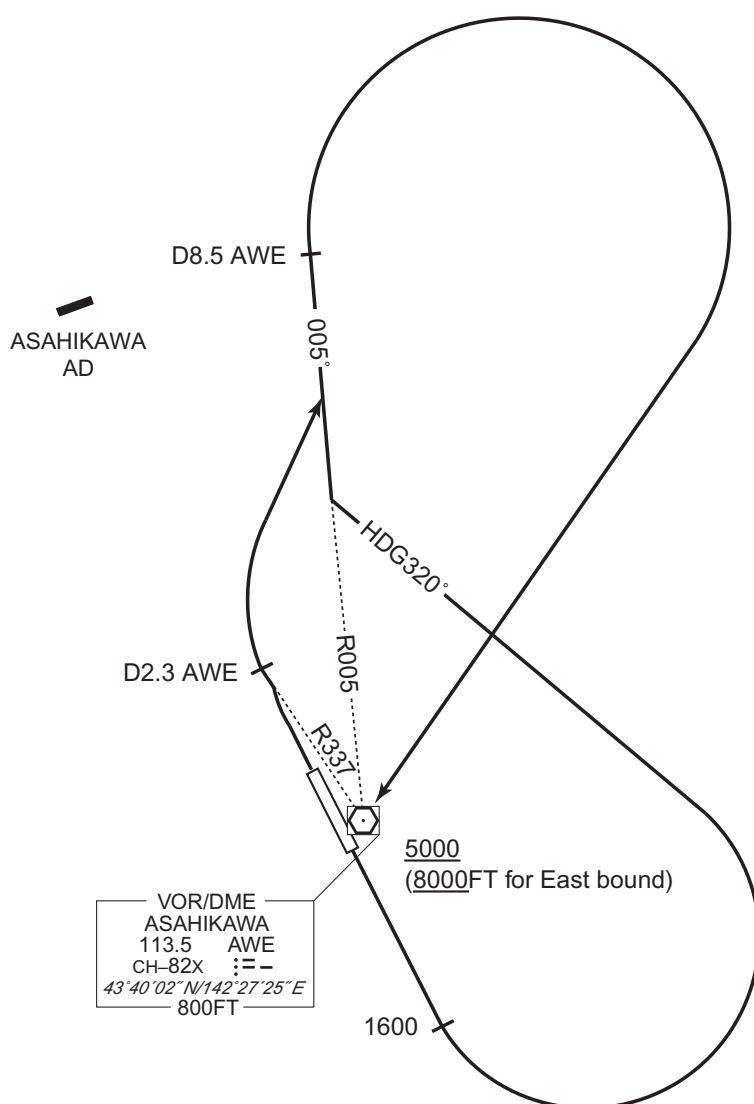
RWY34 : Climb via AWE R337 to 2.3DME, turn right,...

... 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).

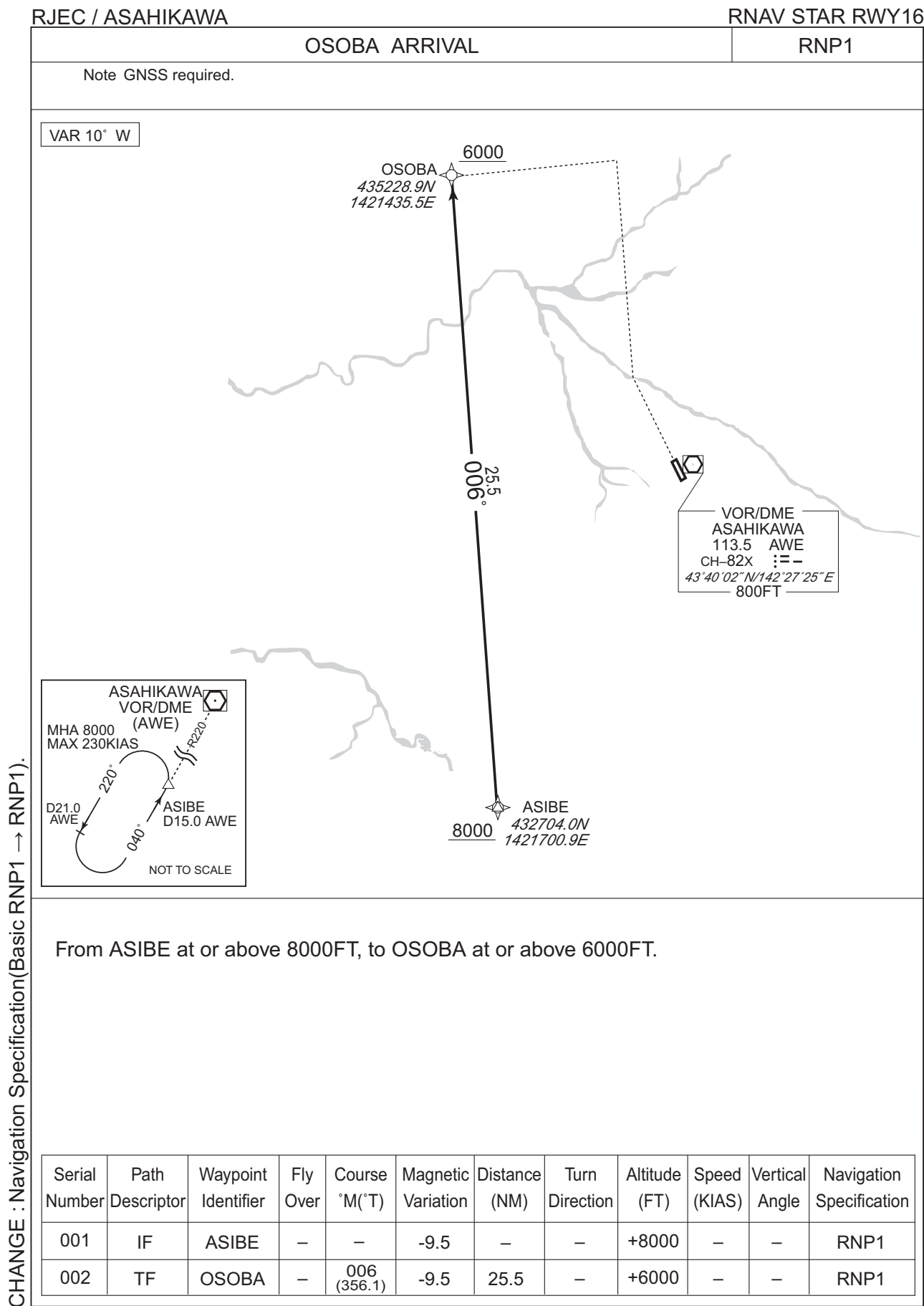
Note RWY16 : 5.3% climb gradient required up to 1600FT.

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



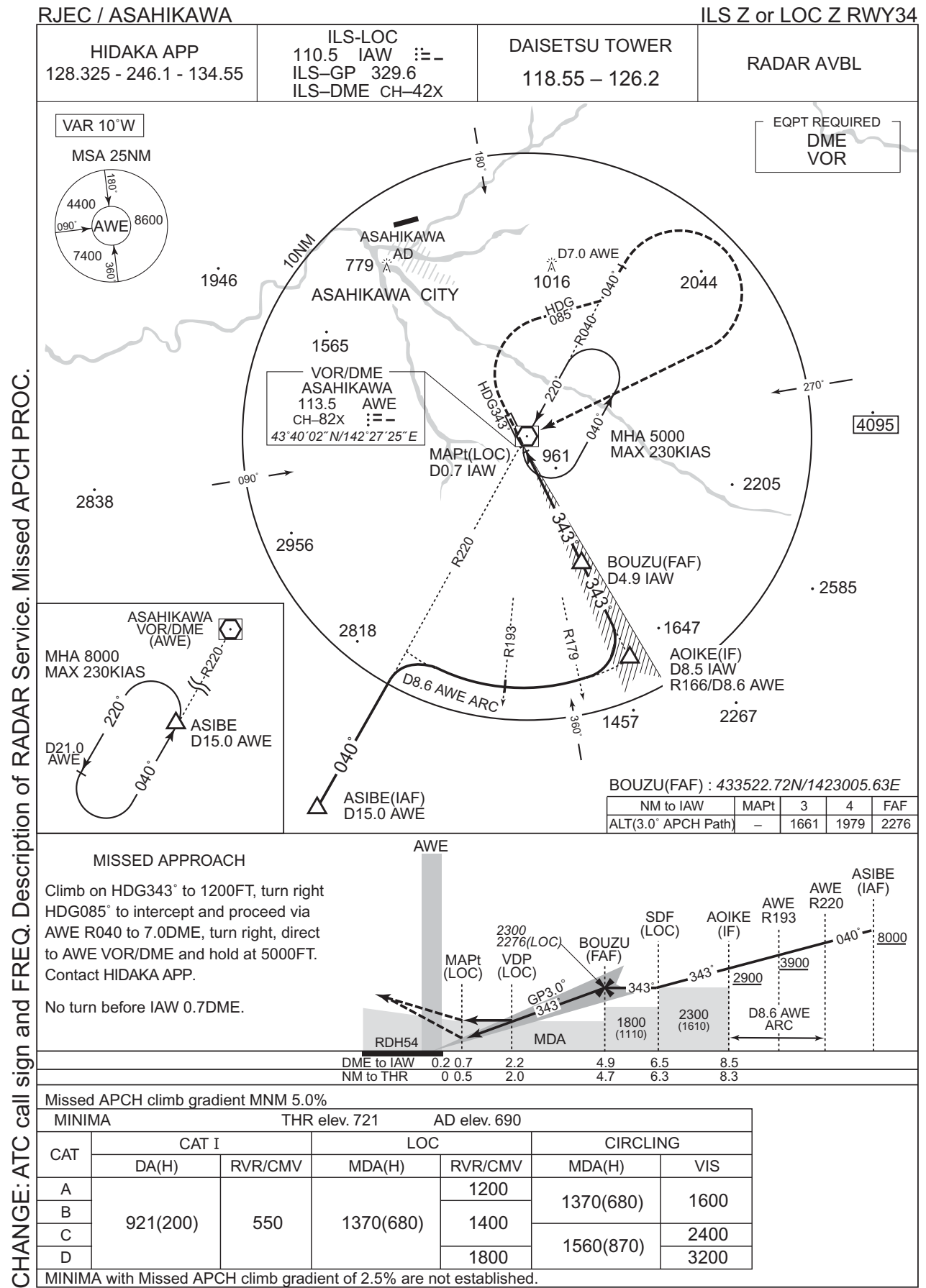
CHANGE : Description of PROC name.

STANDARD ARRIVAL CHART-INSTRUMENT



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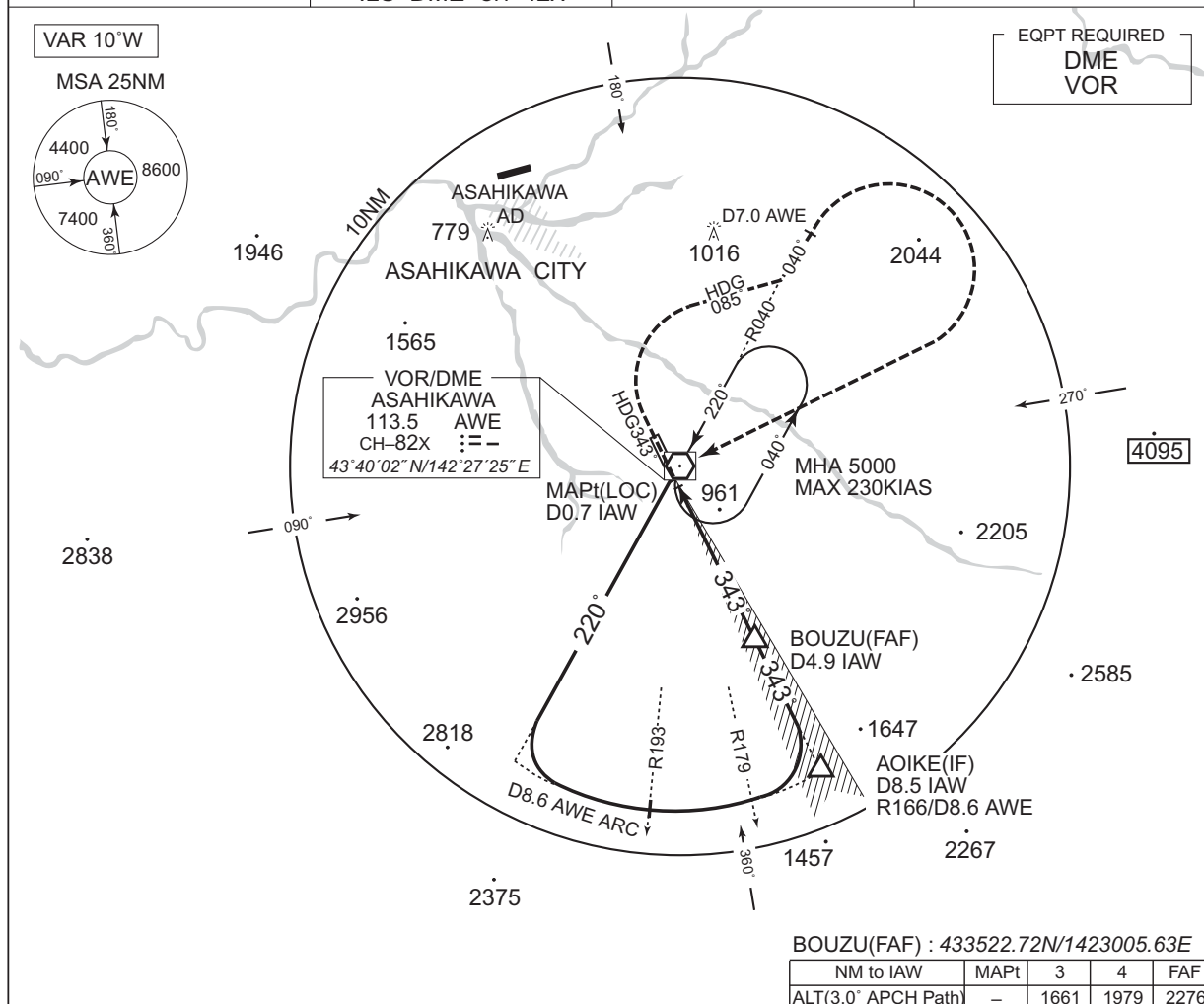
INSTRUMENT APPROACH CHART



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

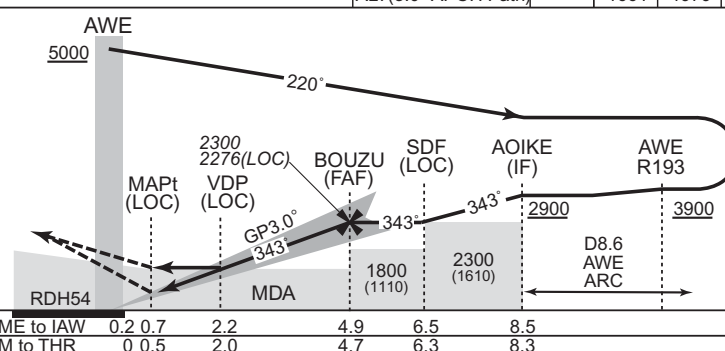
ILS Y or LOC Y RWY34

HIDAKA APP 128.325 - 246.1 - 134.55	ILS-LOC 110.5 IAW 110.5 ILS-GP 329.6 ILS-DME CH-42X	DAISETSU TOWER 118.55 - 126.2	RADAR AVBL
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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.

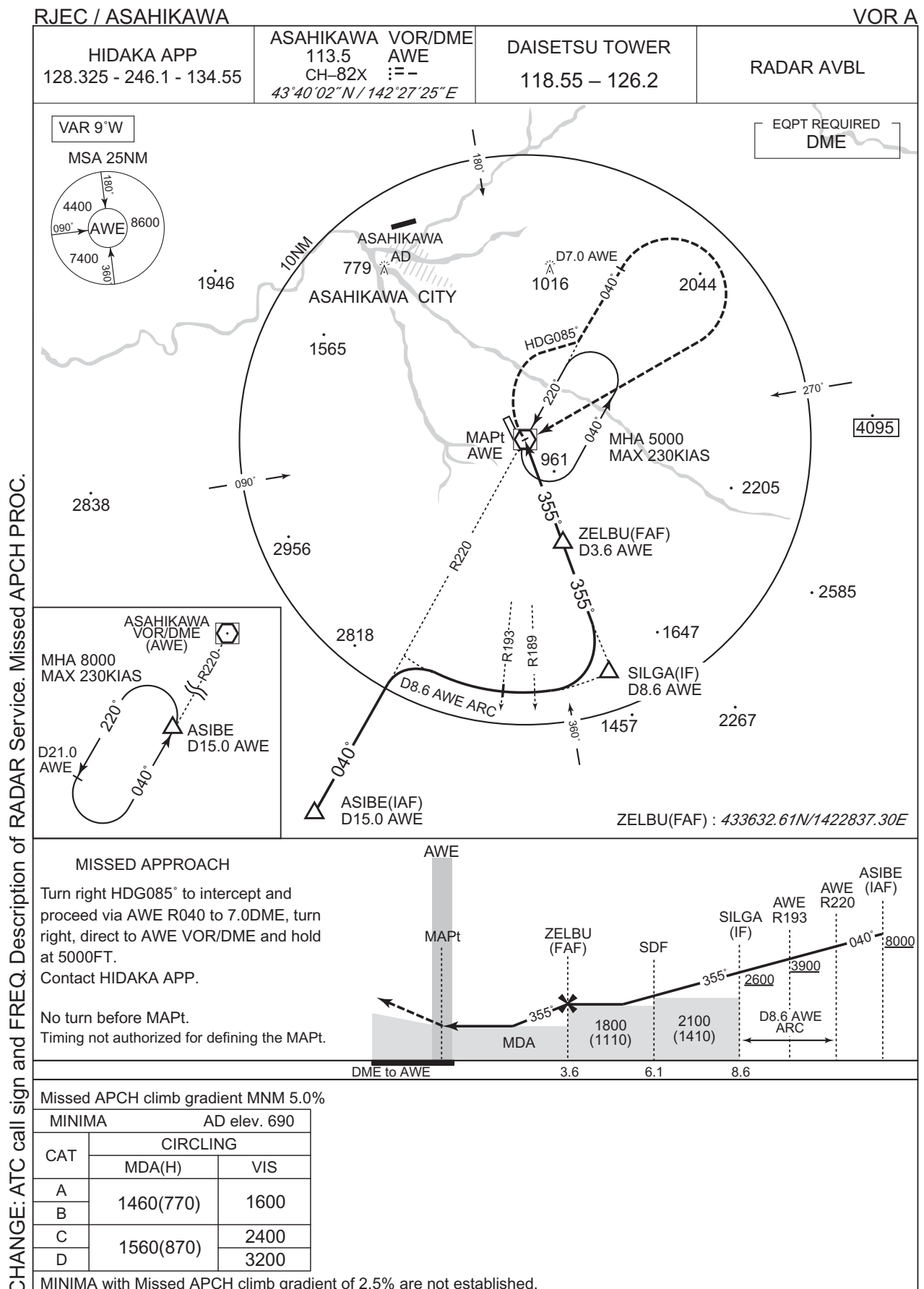


Missed APCH climb gradient MNM 5.0%

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

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

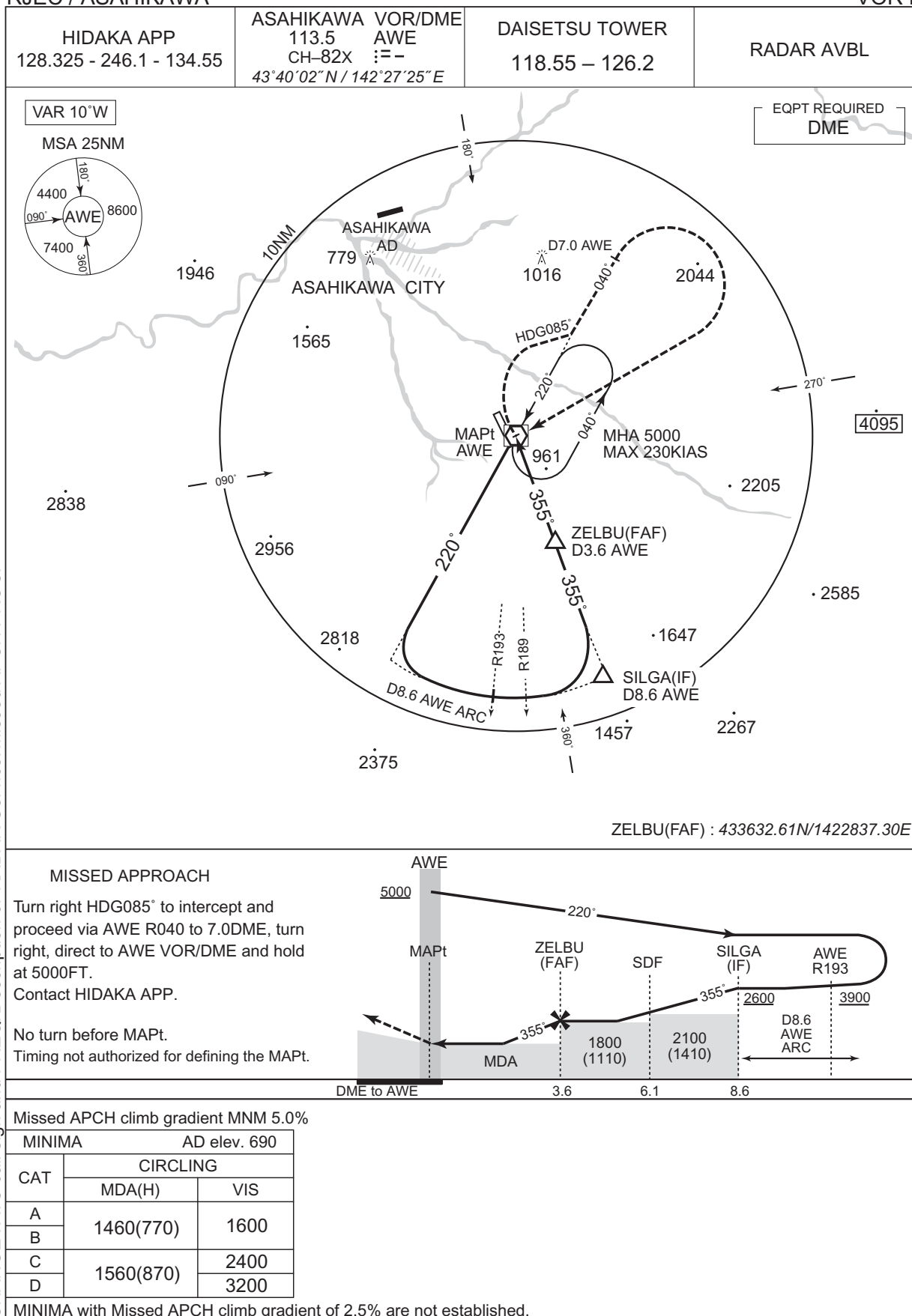
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

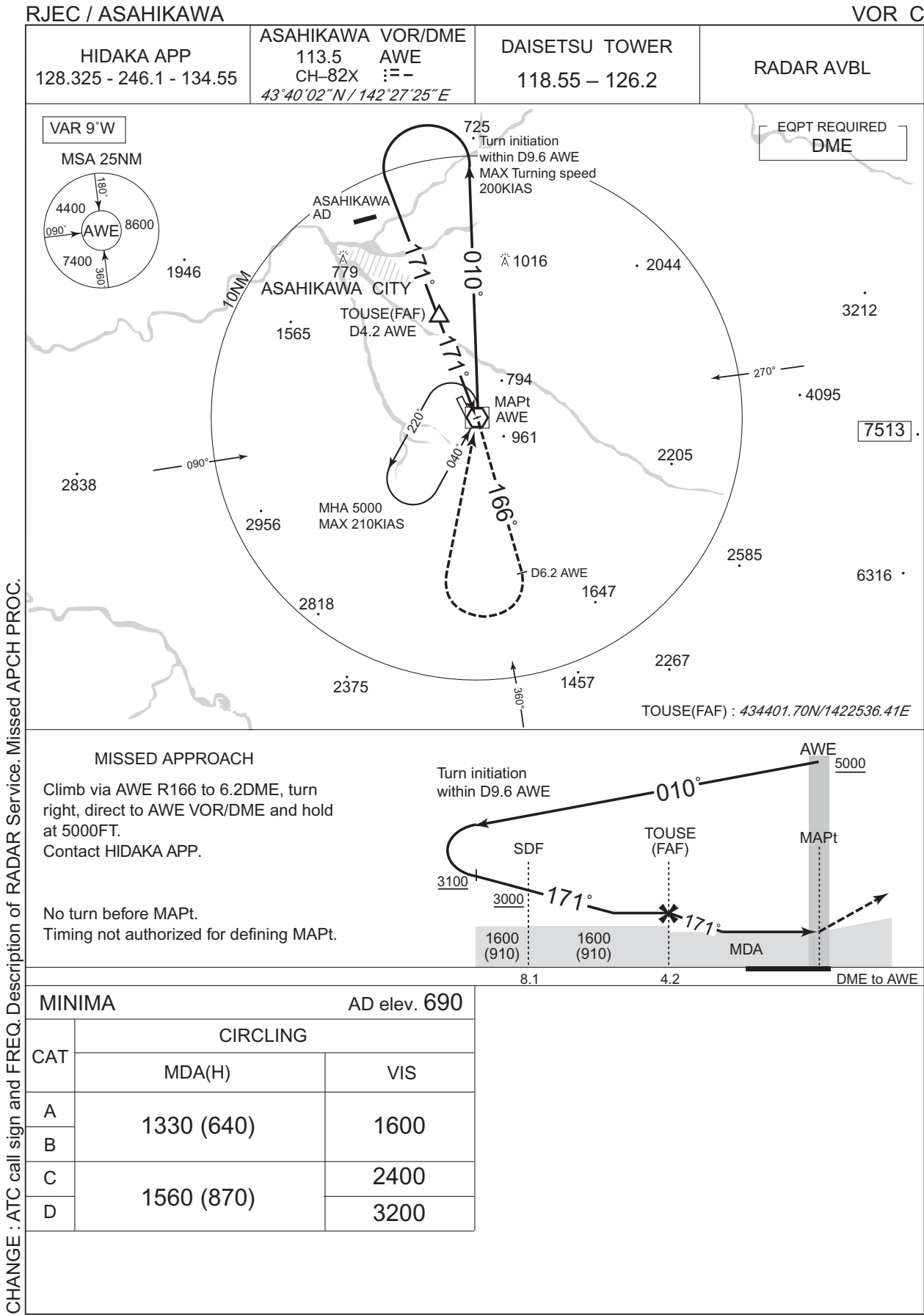
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VOR B

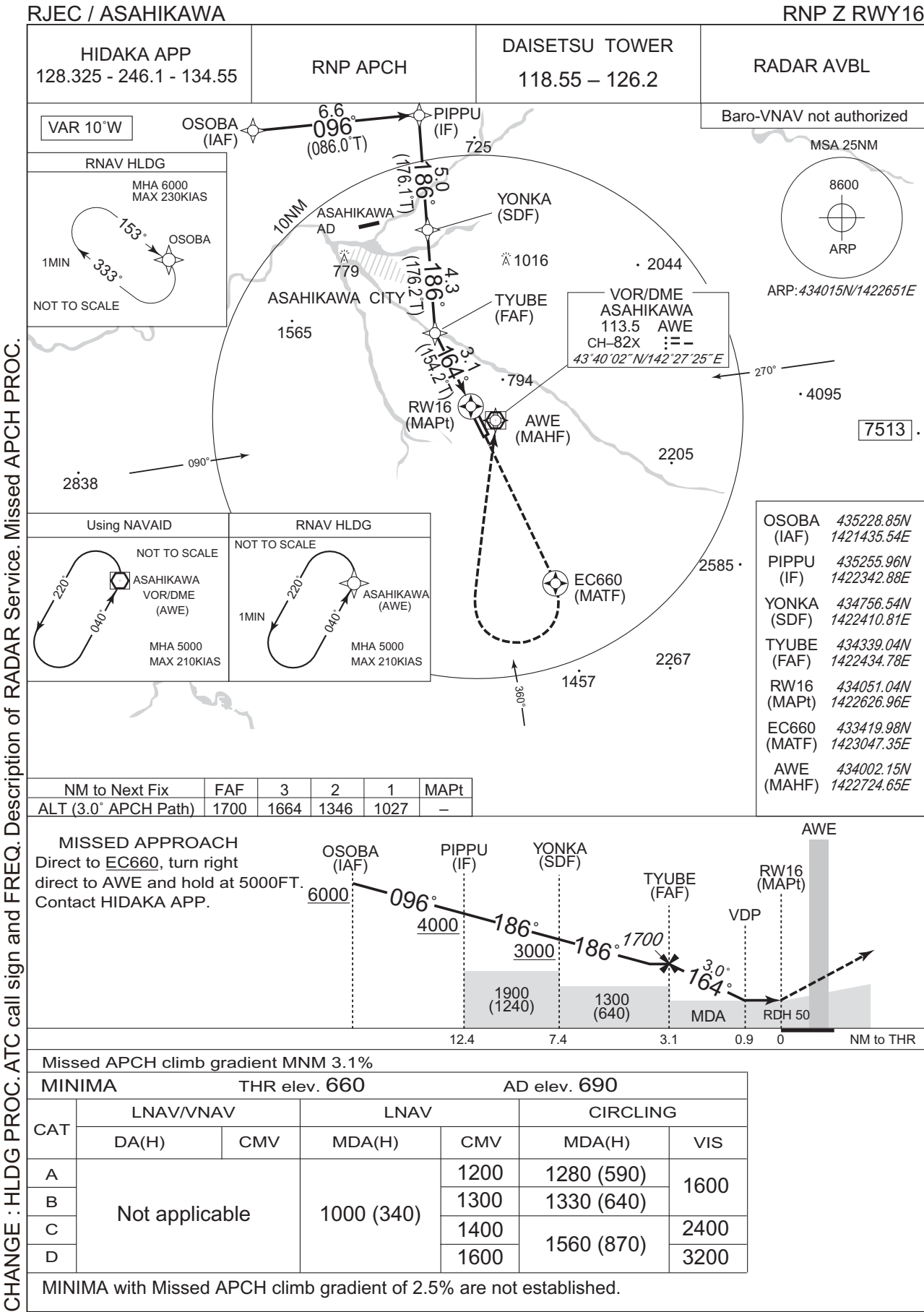


CHANGE : ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



RJEC / ASAHIKAWA

RNP Y RWY16(AR)

For uncompensated Baro-VNAV systems, procedure not authorized below -30°C / above 45°C



EC652

4

1.5

Authorization Required

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

INSTRUMENT APPROACH CHART

RJEC / ASAHIKAWA

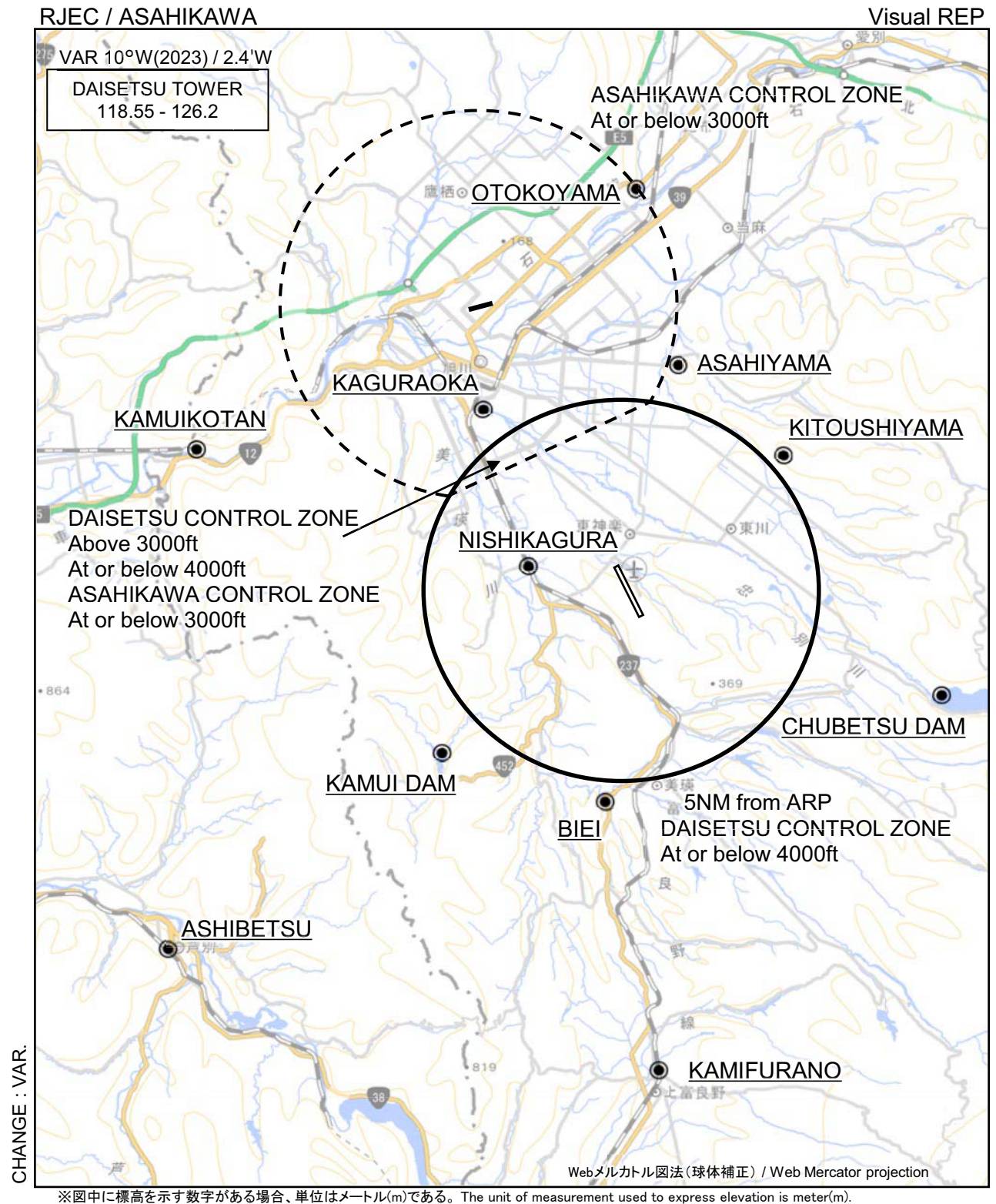
RNP Y RWY16(AR)

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	-	-	-9.5	-	-	+8000	-	-	-
002	TF	EC650	-	040 (030.1)	-9.5	8.0	-	+5000	-	-	1.0
003	TF	GORYO	-	353 (343.1)	-9.5	4.5	-	4000	-	-	1.0
004	TF	EC651	-	353 (343.0)	-9.5	2.4	-	3249	-	-3.00	0.30
005	RF Center: ECRF1 r=1.98NM	EC652	-	-	-9.5	2.8	R	2368	-	-3.00	0.30
006	TF	EC653	-	073 (063.0)	-9.5	0.6	-	2176	-	-3.00	0.30
007	RF Center: ECRF2 r=1.93NM	EC654	-	-	-9.5	3.1	R	1200	-	-3.00	0.30
008	TF	RW16	Y	164 (154.2)	-9.5	1.5	-	710	-	-3.00/50	0.30
009	CF	EC660	Y	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	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
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		

CHANGE : RNAV HLDG established(ASAHIKAWA(AWE)).



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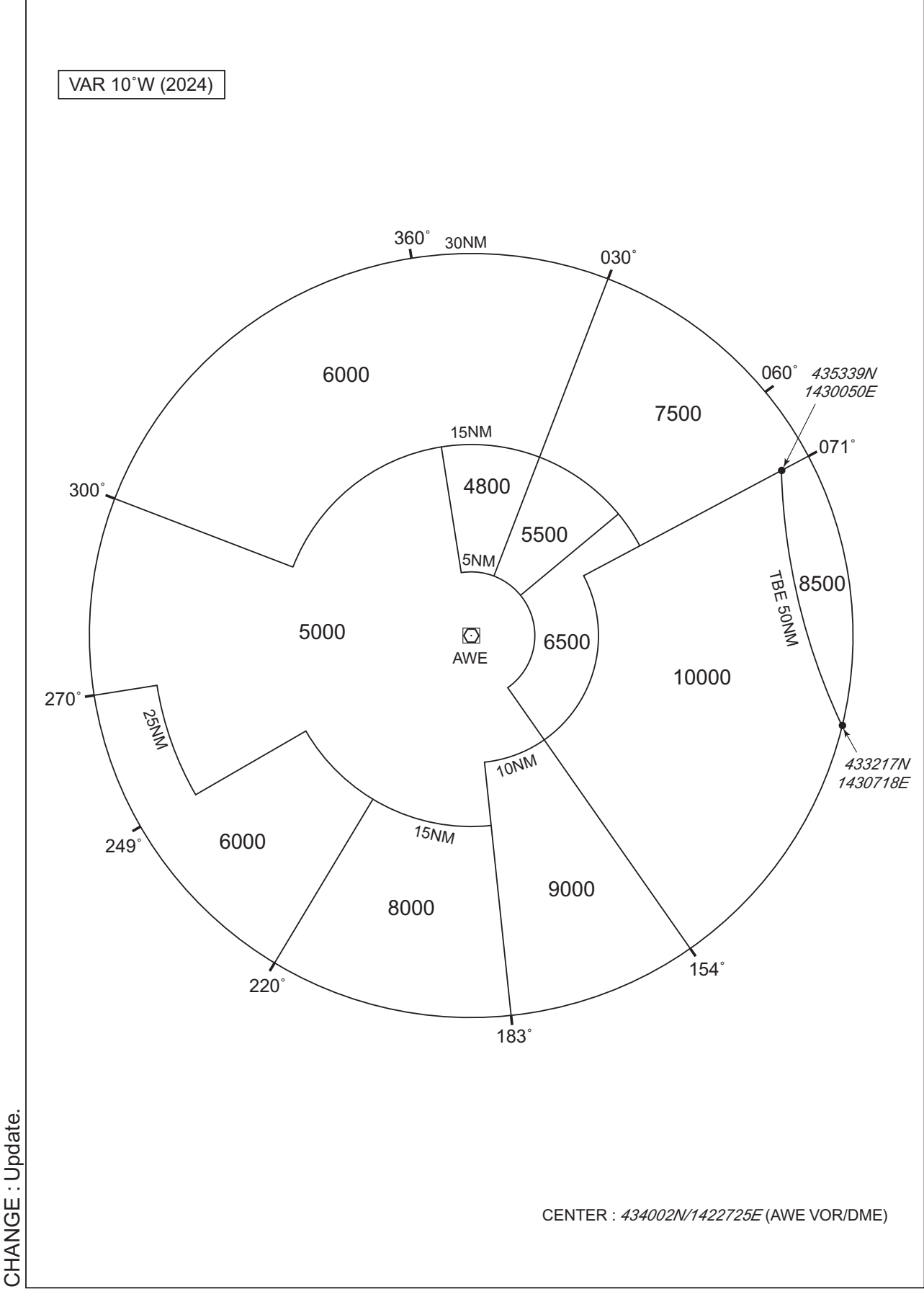
Visual REP

Call sign	BRG / DIST from ARP	Remarks
男山 Otokoyama	002°T / 10.4NM	男山自然公園 Park
旭山 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).

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Minimum Vectoring Altitude CHART



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