

**AD 2 AERODROMES****RJCB AD 2.1 AERODROME LOCATION INDICATOR AND NAME****RJCB - OBIHIRO****RJCB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	424400N /1431302E 159.3° / 1.25km from RWY17 THR
2	Direction and distance from (city)	13.5NM S from Obihiro Station
3	Elevation/ Reference temperature	490ft / 27°C (2004-2008)
4	Geoid undulation at AD ELEV PSN	92ft
5	MAG VAR/ Annual change	9° W(2008)
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	OBIHIRO CITY. PUBLIC AP. Nishi-9sen Naka8-41, Izumi-cho, Obihiro-shi, Hokkaido JAPAN Tel: 0155-64-5320 Fax: 0155-64-5349 AFS: Nil E-mail: airport@city.obihiro.hokkaido.jp
7	Types of traffic permitted(IFR/ VFR)	IFR/VFR
8	Remarks	Nil

**RJCB AD 2.3 OPERATIONAL HOURS**

1	AD Administration	2300 - 1200
2	Customs and immigration	On request Customs: 01558-2-0406 Immigration: 0154-22-2430
3	Health and sanitation	On request Quarantine(human): 0154-23-3340 Quarantine(animal): 0123-24-6080 Quarantine(plant): 0154-22-4291
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (NEW CHITOSE)
7	ATS	2300 - 1200
8	Fuelling	2330 - 1130
9	Handling	2340 - 1130
10	Security	2330 - 1145
11	De-icing	Nil
12	Remarks	Nil

**RJCB AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	AVBL up to A330 aircraft
2	Fuel/ oil types	JET A-1, AVGAS 100/130
3	Fuelling facilities/ capacity	Fuel truck: 20,000L x 3 (JETA-1), 3,500L x 1(AVGAS)
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

**RJCB AD 2.5 PASSENGER FACILITIES**

1	Hotels	At Obihiro City
2	Restaurants	At Airport
3	Transportation	Buses, Taxi
4	Medical facilities	At Obihiro City
5	Bank and Post Office	At Obihiro City
6	Tourist Office	At Airport
7	Remarks	Nil

**RJCB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	CAT 8
2	Rescue equipment	Chemical and water supply fire fighting truck x 3 Emergency medical equipments conveyance truck x 1
3	Capability for removal of disabled aircraft	Ask AD administration
4	Remarks	Nil

**RJCB AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Snow remove equipments: Motor graders Sweeper X 4, Rotary X 3, Plow X 5, Shovel X 5
2	Clearance priorities	(1) RWY 17/35, TWY T1, T5, P1 - P4 and Apron A (2) TWY T2 - T4, B and Apron B
3	Remarks	Nil

**RJCB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	Apron surface and strength	Apron A : Surface: Cement concrete Strength: PCN 74/R/B/X/T Apron B : Surface: Cement concrete Strength: PCN 11/R/B/Y/T
2	Taxiway width, surface and strength	T1, T5 : Surface: Asphalt concrete, Width: 26.5m, Strength: PCN 109/F/D/X/T T2, T3, T4 : Surface: Asphalt concrete, Width: 30m, Strength: PCN 109/F/D/X/T P1 - P4 : Surface: Asphalt concrete, Width: 23m, Strength: PCN 109/F/D/X/T B : Surface: Asphalt concrete, Width: 9m, Strength: PCN 11/F/C/Y/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1 : 424400.38N 1431246.09E 2 : 424358.29N 1431247.21E 3 : 424356.17N 1431248.29E 5 : 424354.42N 1431249.19E
6	Remarks	CHARLIE TWY: CAC ONLY

**RJCB 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	Nil
2	RWY and TWY markings and LGT	RWY: 17/35 (Marking) RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RENL, RTZL(RWY35), WBAR(RWY35), RWY distance marker LGT  TWY: ALL (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT  TWY: T1 - T5 (Marking) RWY HLDG PSN (LGT) TWY CL LGT, RWY guard LGT, Taxiing guidance sign  TWY: P1 - P4 (LGT) TWY CL LGT  TWY: B (Marking) Intermediate HLDG PSN (LGT) Taxiing guidance sign
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area, Apron TWY CL (LGT) Apron flood LGT

**RJCB AD 2.10 AERODROME OBSTACLES**

RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
			Nil		

**RJCB 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 Hours
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 <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2/T<sub>r</sub></sub> , P <sub>s</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , 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

**RJCB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) 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
17	159.30°	2500x45	PCN 109/F/D/X/T Asphalt-Concrete	424438.86N 1431243.31E 92ft	THR ELEV: 470FT
35	339.30°	2500x45	PCN 109/F/D/X/T Asphalt-Concrete	424323.07N 1431322.16E 91ft	THR ELEV: 505FT
Slope of RWY		Strip Dimensions(M)	RESA (Overrun) Dimensions (M)		Remarks
7	10		11		14
See AD chart	2620x300	40x(MNM:290 MAX:300)*		RWY GROOVING : 2500mx45m	
See AD chart	2620x300	190x(MNM:150 MAX:300)*		RWY GROOVING : 2500mx45m	
		*For detail, ask airport administrator			

## RJCB AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
17	2500	2500	2500	2500	Nil
35	2500	2500	2500	2500	Nil

## RJCB AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	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
17	SALS (*1) 420m LIH	Green Green	PAPI 3.0°/LEFT 416.5m 73.8ft	- 30m Coded color (White/Red) LIH	2500m 30m Coded color (White/Yellow) LIH	2500m 60m Coded color (White/Yellow) LIH	RED	Nil (*2)
35	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0°/LEFT 422.3m 65.6ft	900m	2500m 30m Coded color (White/Red) LIH	2500m 60m Coded color (White/Yellow) LIH	RED	Nil (*2)
Remarks								
10								
SALS with APCH LGT beacon(600m and 850m FM RWY 17 THR)(*1) Overrun area edge LGT(LEN:60m Color:Red)(*2)								

## RJCB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 424347N/1431244E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	Anemometer: 300m from RWY 35 THR 310m from RWY 17 THR
3	TWY edge and center line lighting	TWY edge LGT: Blue TWY CL LGT: ALTN Green/Yellow FM RWY leaving report point, other Green
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

**RJCB AD 2.16 HELICOPTER LANDING AREA**

Nil
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**RJCB AD 2.17 ATS AIRSPACE**

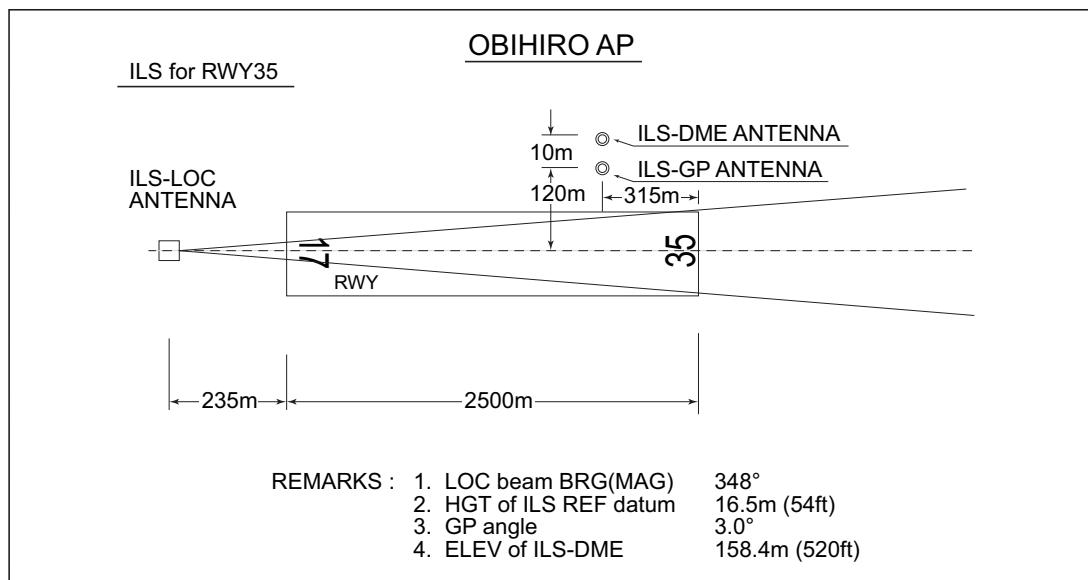
Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
OBIHIRO CTR	Area within a radius of 5NM of OBIHIRO ARP(42°44'N143°13'E)	3000 or below	D	OBIHIRO TOWER En	

**RJCB AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	OBIHIRO TOWER	118.7MHz 126.2MHz 123.6MHz 121.5MHz(E) 243.0MHz(E)	2300 - 1200	

## RJCB 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/2009)	OBE	109.65MHz	H24	424402.27N/ 1431313.63E		VOR/DME Unusable: 230°-250° beyond 35NM BLW 9000ft.
DME	OBE	1120MHz (CH-33Y)	H24	424402.27N/ 1431313.63E	531ft	250°-280° beyond 30NM BLW 9000ft. 280°-310° beyond 35NM BLW 9000ft.
ILS-LOC 35	IOB	111.7MHz	2300 - 1200	424445.95N/ 1431239.68E		LOC: 235m(771ft) away FM RWY 17 THR, BRG(MAG) 348°.
ILS-GP 35	-	333.5MHz	2300 - 1200	424333.96N/ 1431322.22E		GP: 315m(1033ft) inside FM RWY 35 THR, 120m(394ft) E of RCL. HGT of ILS Ref datum 16.5m(54ft). GP angle 3.0°
ILS-DME 35	IOB	1015MHz (CH-54X)	2300 - 1200	424334.08N/ 1431322.60E	520ft	DME: 315m(1033ft) inside from RWY35 THR, 130m(427ft) E of RCL
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.



**RJCB AD 2.20 LOCAL TRAFFIC REGULATIONS**

## 1. Airport regulations

Prior permission is required for all transient aircraft due to parking congestion except scheduled and/or emergency flight.  
Tel: Obihiro City. PUBLIC AP. 0155-64-5320

## 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

Nil

## 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

**RJCB AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil

**RJCB 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	17	A, B, C, D	-	400m	-	400m	-	500m
	35	A, B, C, D	400m	400m	400m	400m	-	500m
OTHER	17	A, B, C, D	AVBL LDG MINIMA					
	35	A, B, C, D						

**RJCB AD 2.23 ADDITIONAL INFORMATION**

Nil

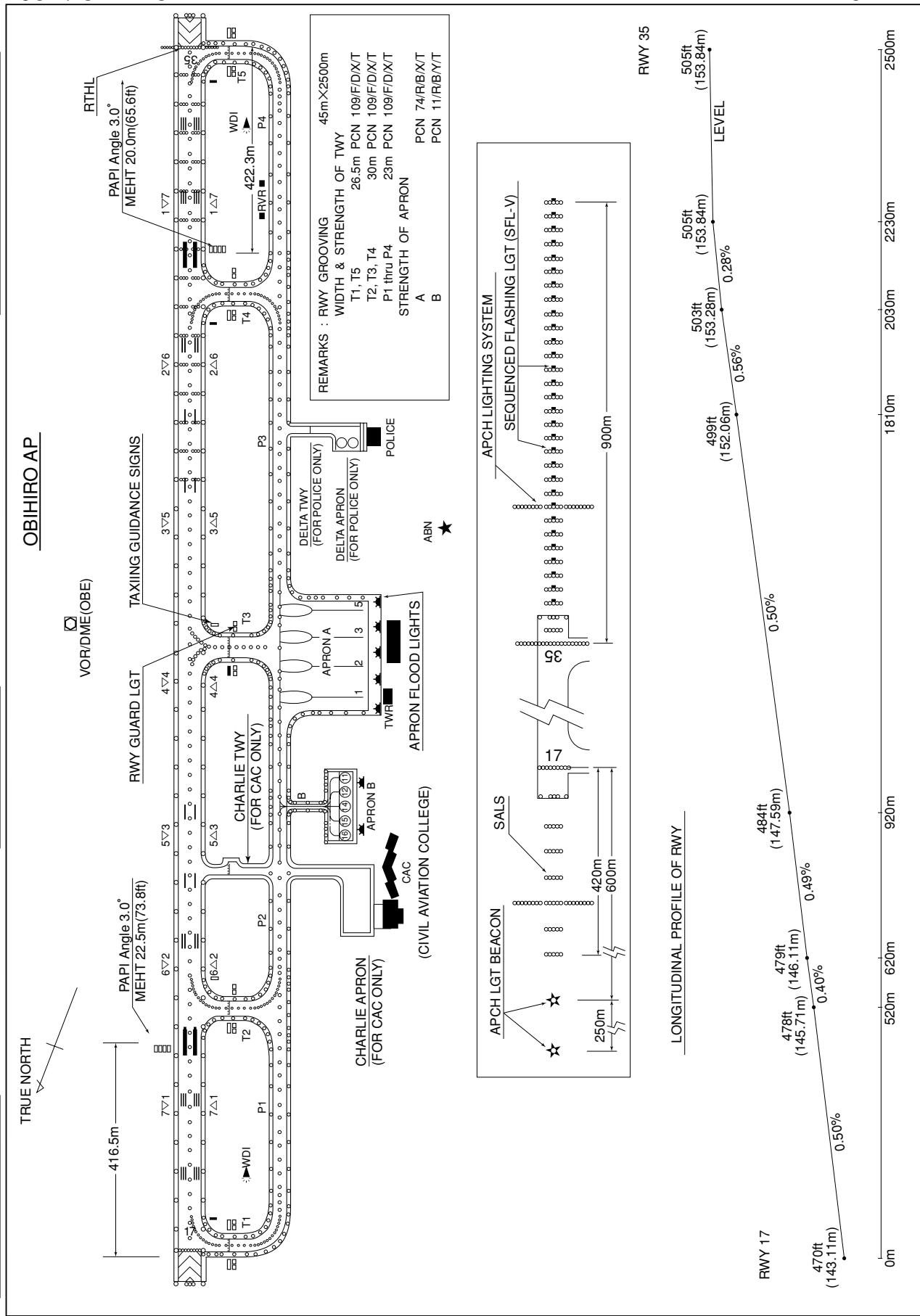
**RJCB AD 2.24 CHARTS RELATED TO AN AERODROME**

- Figure-01 Aerodrome/Heliport Chart
- Figure-07 Standard Departure Chart - Instrument (EATAK)
- Figure-07 Standard Departure Chart - Instrument (KUSHIRO)
- Figure-07 Standard Departure Chart - Instrument (NOTAK)
- Figure-07 Standard Departure Chart - Instrument (OBIHIRO Reversal)
- Figure-07 Standard Departure Chart - Instrument (RACKO)
- Figure-07 Standard Departure Chart - Instrument (OTTER-RNAV)
- Figure-10 Instrument Approach Chart (ILS Z or LOC Z RWY35)
- Figure-10 Instrument Approach Chart (ILS Y or LOC Y RWY35)
- Figure-10 Instrument Approach Chart (VOR RWY17)
- Figure-10 Instrument Approach Chart (VOR RWY35)
- Figure-10 Instrument Approach Chart (RNAV(RNP) RWY17)
- Figure-13 Other Chart (Visual REP)
- Figure-13 Other Chart (MVA CHART)

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RJCB / OBIHIRO

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

→ SID

EATAK ONE DEPARTURE

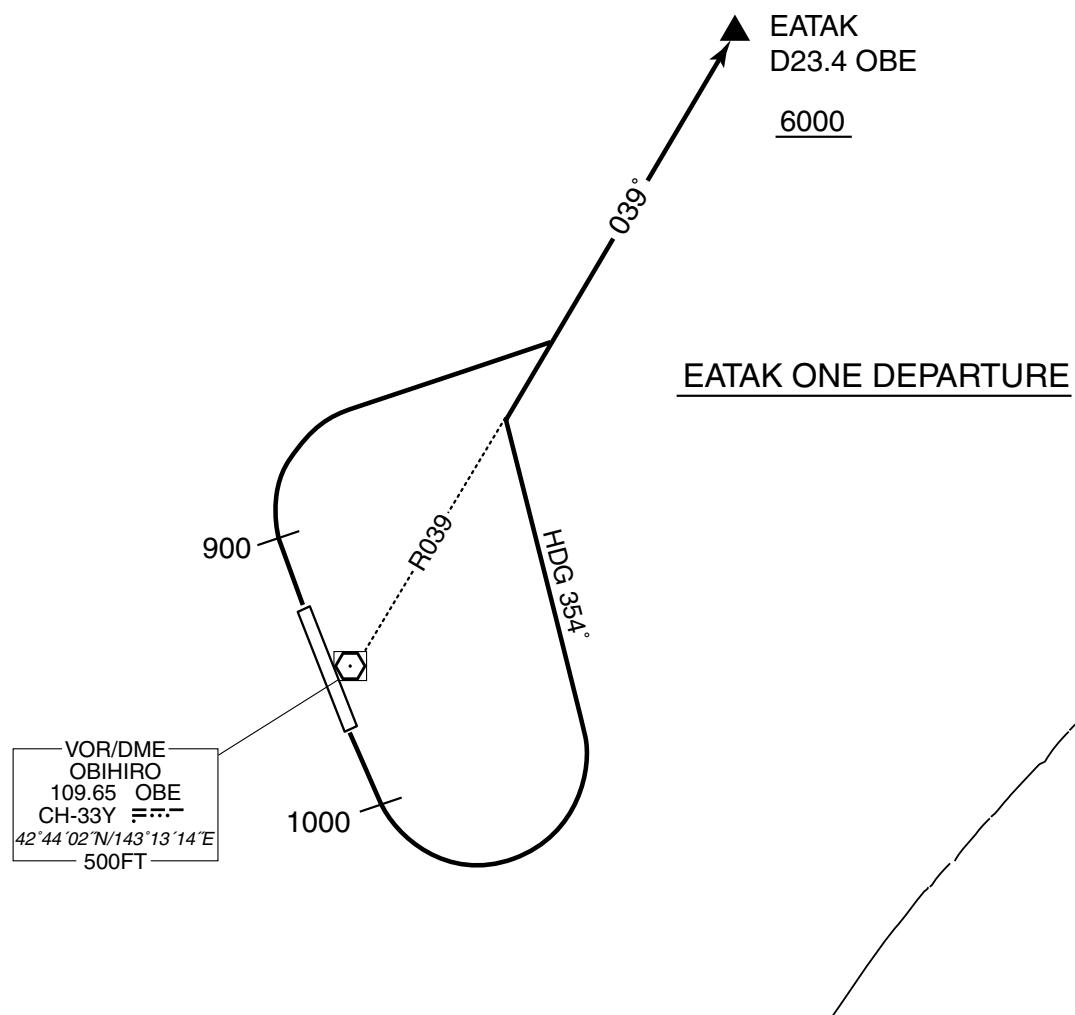
RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 354° to intercept and proceed...

RWY 35 : Climb RWY HDG to 900FT, turn right,...

...via OBE R039 to EATAK.

Cross EATAK at or above 6000FT.

Note RWY 35 : 5.0% climb gradient required up to 1500FT.



## STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

KUSHIRO FOUR DEPARTURE

RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 031° to intercept and proceed...

RWY 35 : Climb RWY HDG to 900FT, turn right HDG 121° to intercept and proceed...

...via OBE R076 to KSE VOR/DME.

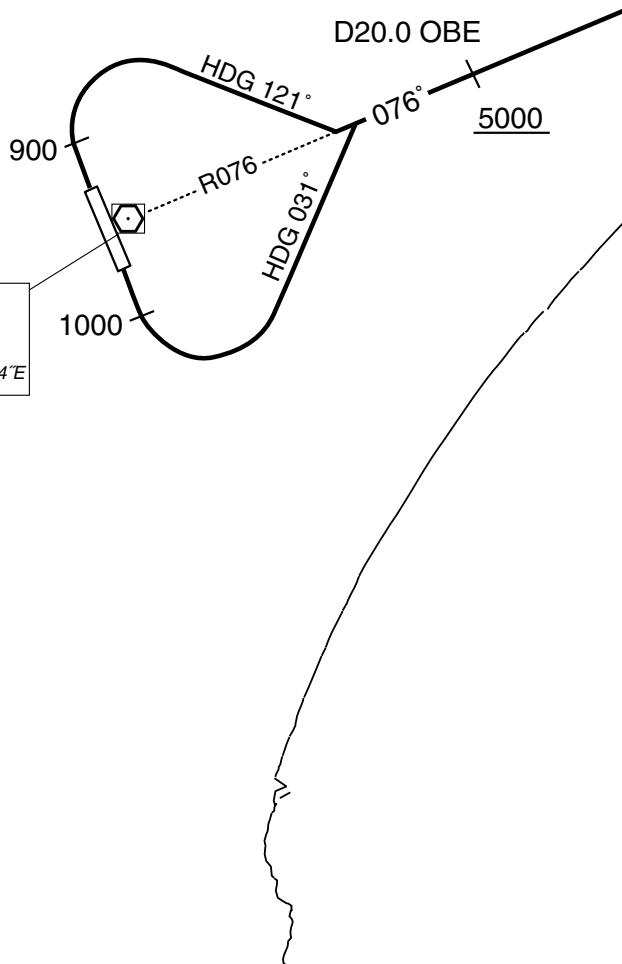
Cross OBE R076/20.0DME at or above 5000FT.

Note RWY 35 : 5.0% climb gradient required up to 1500FT.

KUSHIRO FOUR DEPARTURE

VOR/DME  
KUSHIRO  
112.5 KSE  
CH-72X  $\cdots\cdots$   
43°02'02"N/144°12'15"E  
300FT

VOR/DME  
OBIHIRO  
109.65 OBE  
CH-33Y  $\cdots\cdots$   
42°44'02"N/143°13'14"E  
500FT



STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

NOTAK FOUR DEPARTURE

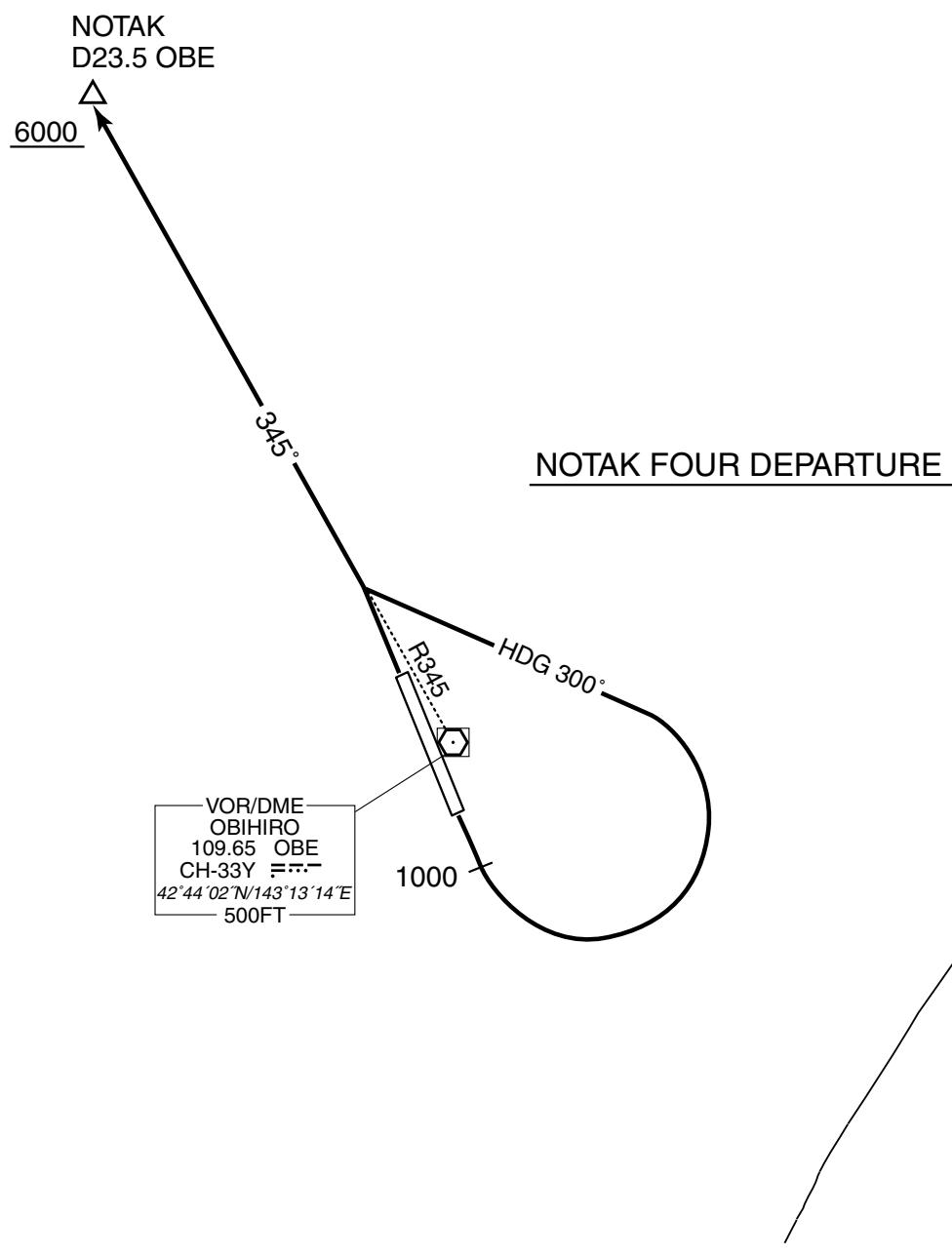
RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 300° to intercept and proceed...

RWY 35 : Climb...

...via OBE R345 to NOTAK.

Cross NOTAK at or above 6000FT.

Note RWY 35 : 5.0% climb gradient required up to 1500FT.



## STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

OBIHIRO REVERSAL SEVEN DEPARTURE

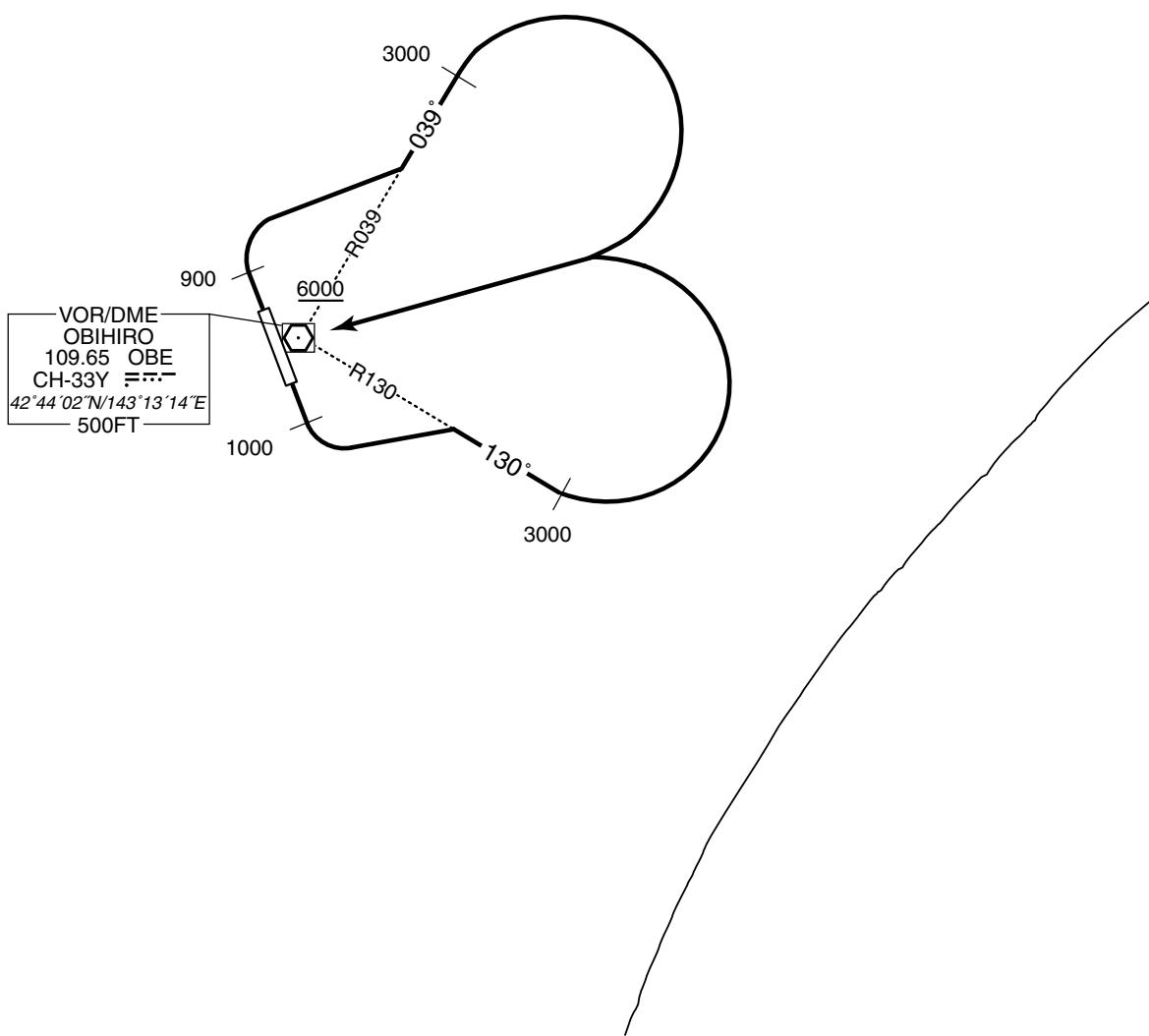
RWY 17 : Climb RWY HDG to 1000FT, turn left, via OBE R130 to 3000FT, turn left,...

RWY 35 : Climb RWY HDG to 900FT, turn right, via OBE R039 to 3000FT, turn right,...

...direct to OBE VOR/DME.

Cross OBE VOR/DME at or above 6000FT.

Note RWY 35 : 5.0% climb gradient required up to 1500FT.

OBIHIRO REVERSAL SEVEN DEPARTURE

STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

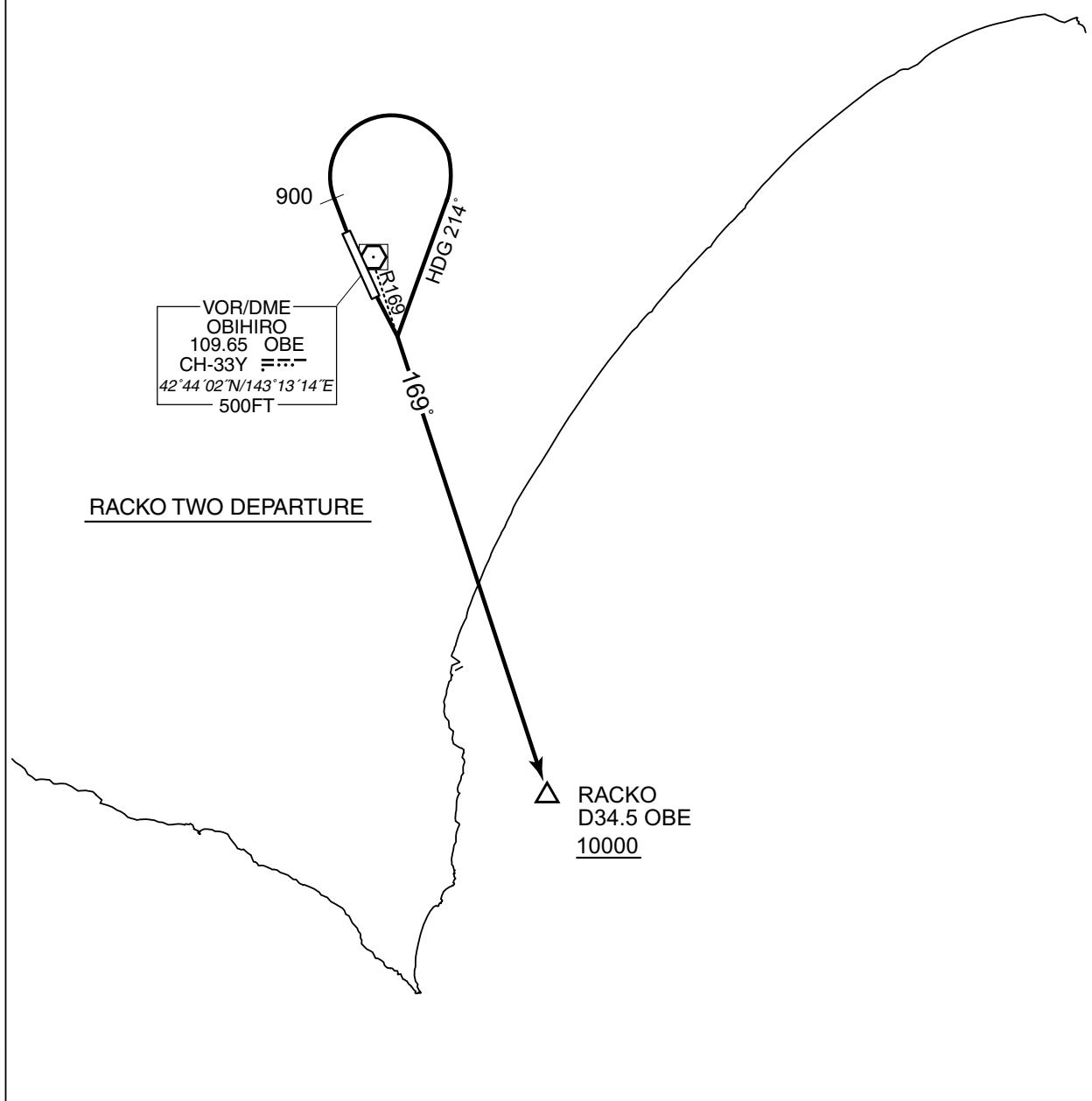
RACKO TWO DEPARTURE

RWY 17 : Climb...

RWY 35 : Climb RWY HDG to 900FT, turn right HDG 214° to intercept and proceed...  
...via OBE R169 to RACKO.

Cross RACKO at or above 10000FT.

Note RWY 35 : 5.0% climb gradient required up to 1500FT.



## STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

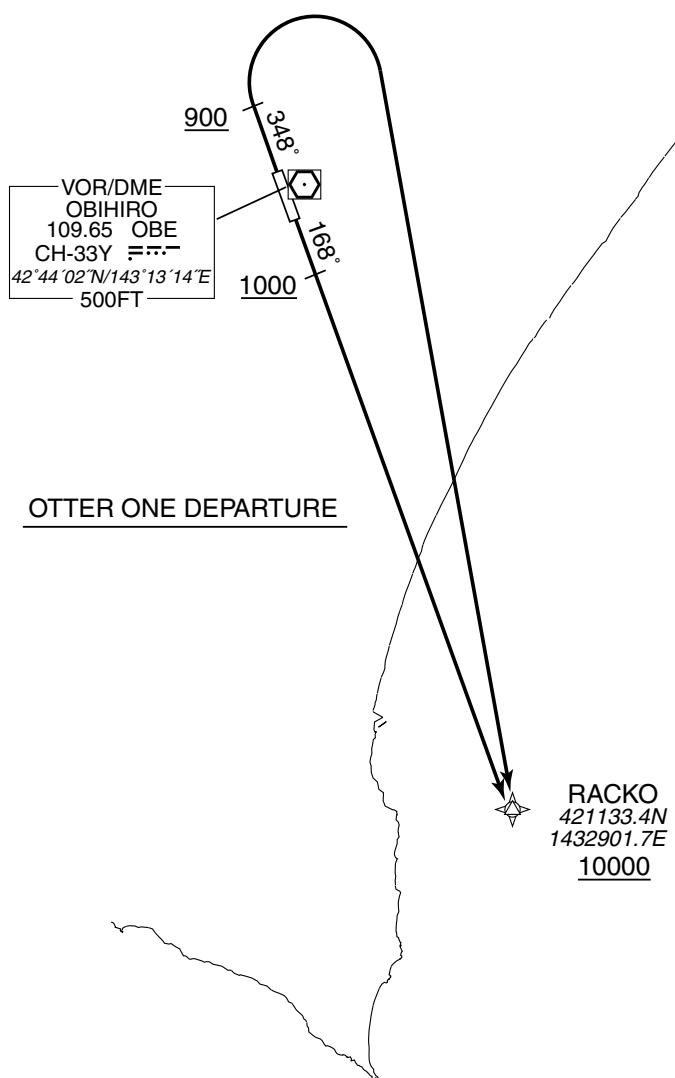
→ RNAV SID

OTTER ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 9°W (2016)

OTTER ONE DEPARTURE

RWY17 : Climb on HDG168° at or above 1000FT, direct to RACKO at or above 10000FT.

RWY35 : Climb on HDG348° at or above 900FT, turn right direct to RACKO at or above 10000FT.

NOTE RWY35 : 5.0% climb gradient required up to 1500FT.

## STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

→ RNAV SID

OTTER ONE DEPARTURE

## RWY17

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	—	—	168 (159.4)	-9.0	—	—	+1000	—	—	Basic RNP1
002	DF	RACKO	—	—	-9.0	—	—	+10000	—	—	Basic RNP1

## RWY35

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	—	—	348 (339.4)	-9.0	—	—	+900	—	—	Basic RNP1
002	DF	RACKO	—	—	-9.0	—	R	+10000	—	—	Basic RNP1

## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

ILS Z or LOC Z RWY35

**SAPPORO CONTROL**  
128.325 – 246.1  
134.25 – 260.4

**ILS-LOC**  
111.7 IOB  
ILS GP 333.5  
ILS-DME CH-54X

**OBIIRO TOWER**  
118.7 – 126.2 – 123.6

**NO RADAR**

**VAR 9°W (2013)**

**MSA 25NM**

**MHA 3000 MAX 230KIAS**

**VOR/DME OBIIRO 109.65 OBE CH-33Y**  
 $42^{\circ}44'02''N / 143^{\circ}13'14''E$

**EQPT REQUIRED DME VOR**

**AIKOK(FAF) D5.3 IOB**

**KOFUK(IF) D8.3 IOB R169/D8.7 OBE**

**TAIKI (IAF) R169/D18.0 OBE**

**MHA 5000 MAX 230KIAS**

**NM to IOB** MAPt 2 3 4 5 FAF

**ALT (3.0° APCH Path)** – 1136 1455 1773 2092 2171

**10NM**

**180° 3300 2700 270° 090°**

**160° 545 591 512 686 270°**

**340° 1578 784 1086 1053 1099 1108**

**348° 591 545 671 348° 348° 349° 349° 349° 349°**

**MAPt(LOC) D0.6 IOB**

**360°**

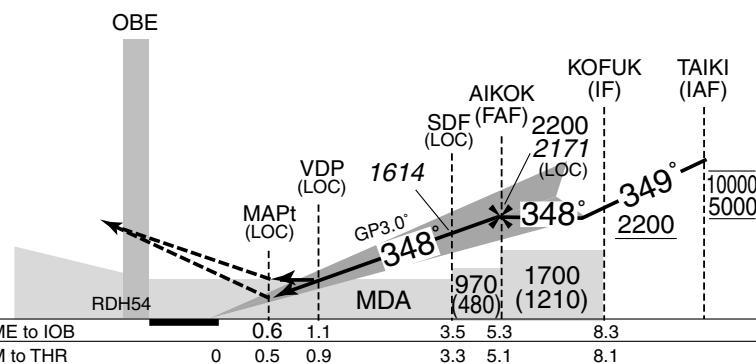
**AIKOK(FAF) :  $42^{\circ}38'37.96''N / 143^{\circ}15'48.05''E$**

**D24.0 OBE**

## MISSED APPROACH

Climb to 900FT on HDG 348°, turn right HDG 220° to intercept and proceed via OBE R175 to 3000FT, turn right, direct to OBE VOR/DME and hold.  
Contact OBIHIRO TOWER.

No turn before IOB 0.6DME.  
Timing not authorized for defining the MAPt.

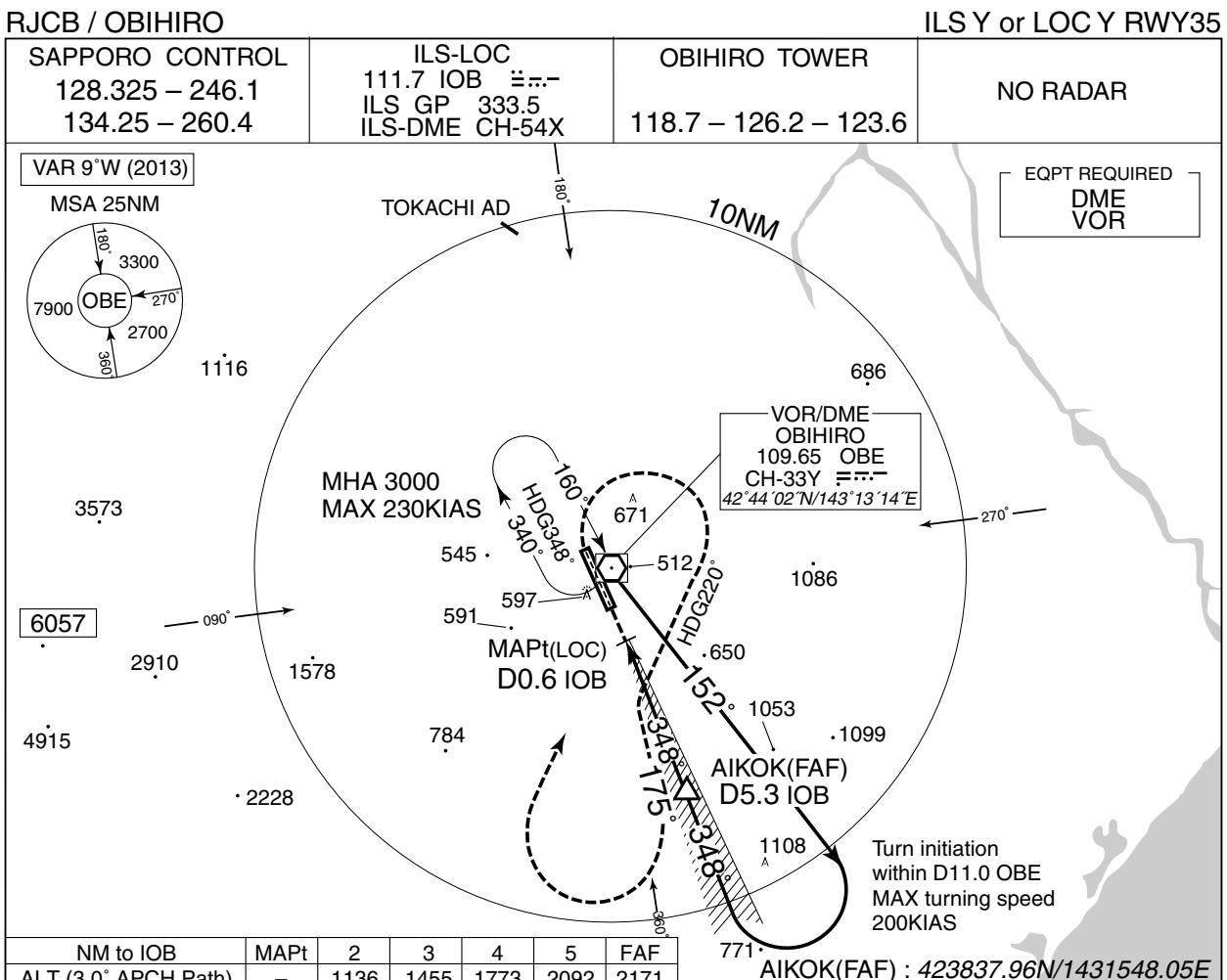


Missed APCH climb gradient MNM 4.0%

MINIMA		THR elev. 505		AD elev. 490		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	705 (200)	550	840 (350)	900	960 (470)	1600
B				1000		2400
C				1400	1050 (560)	3200
D						

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

## INSTRUMENT APPROACH CHART

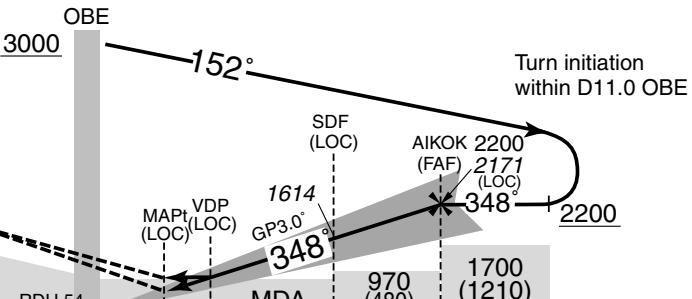


## MISSSED APPROACH

Climb to 900FT on HDG 348°, turn right HDG 220° to intercept and proceed via OBE R175 to 3000FT, turn right, direct to OBE VOR/DME and hold. Contact OBIHIRO TOWER.

No turn before IOB 0.6DME.

Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 4.0%

MINIMA      THR elev. 505      AD elev. 490

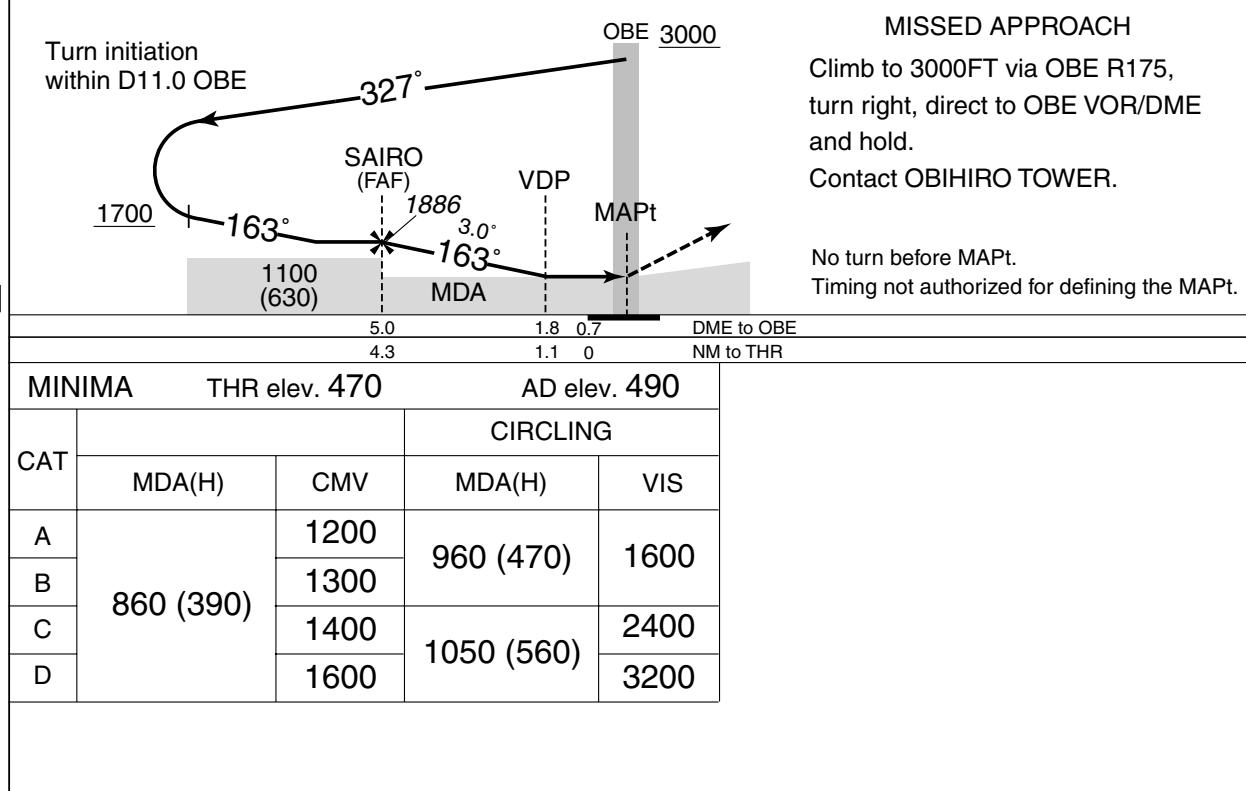
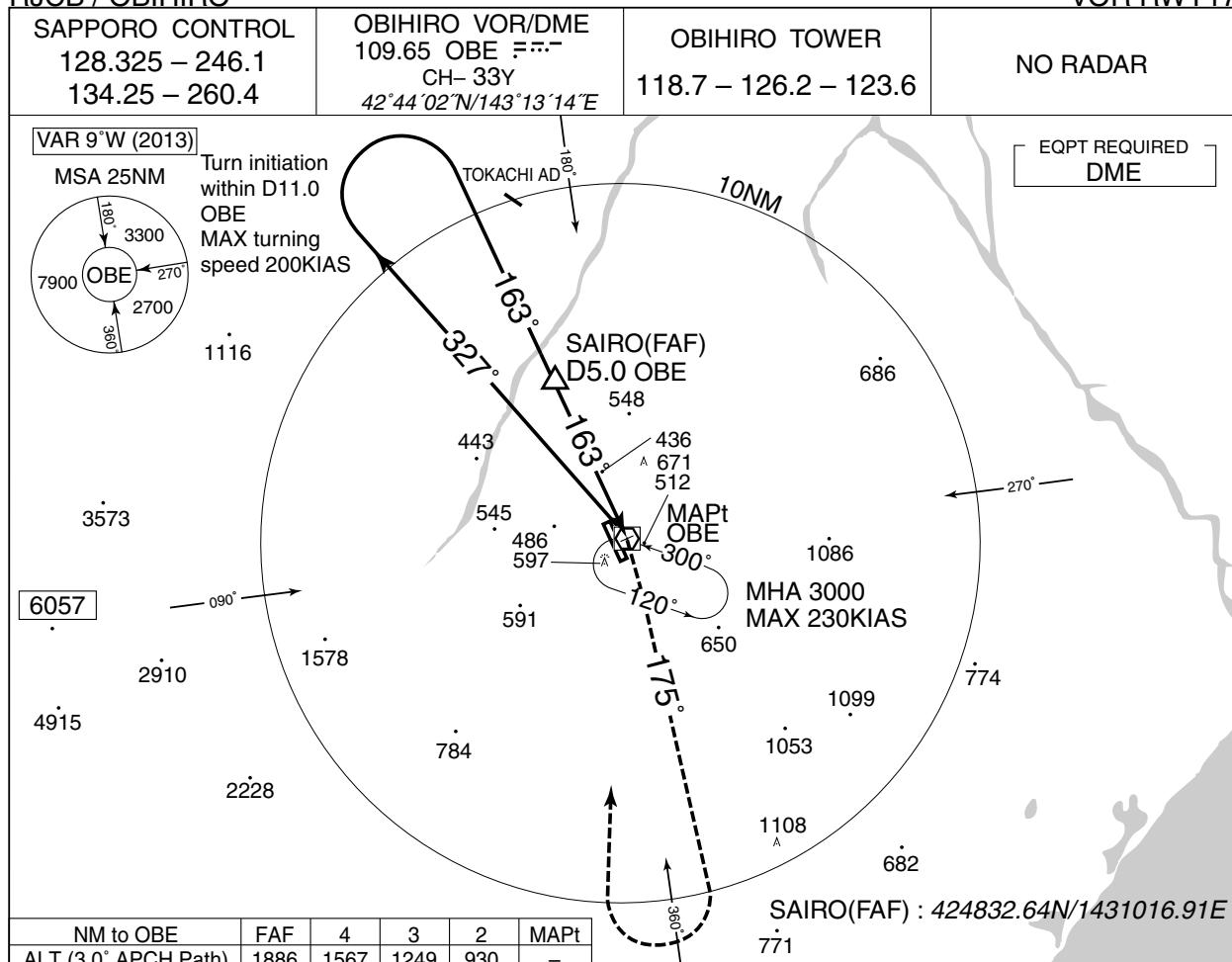
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A				900		
B				1000	960 (470)	1600
C	705 (200)	550	840 (350)			2400
D				1400	1050 (560)	3200

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

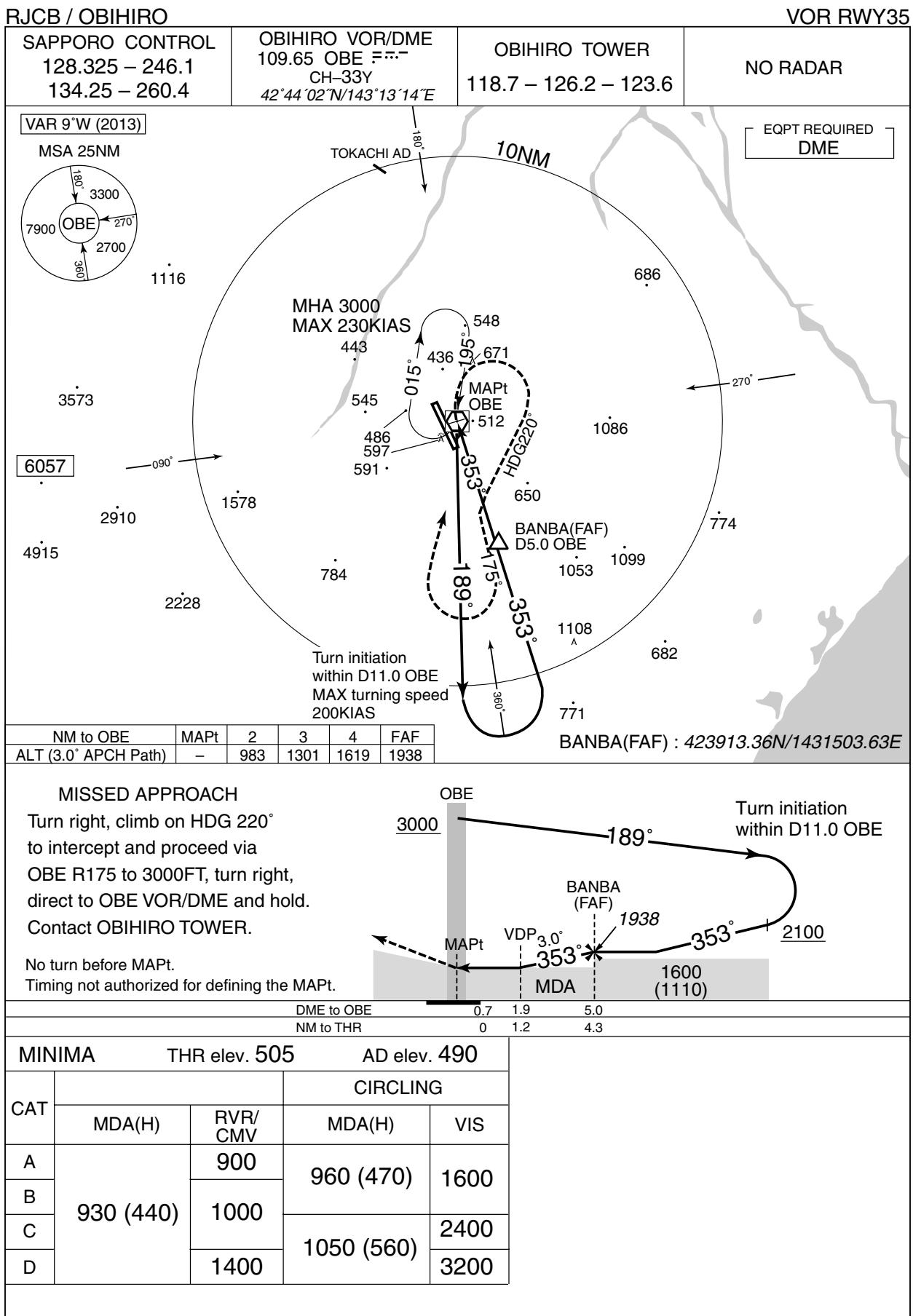
## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

VOR RWY17



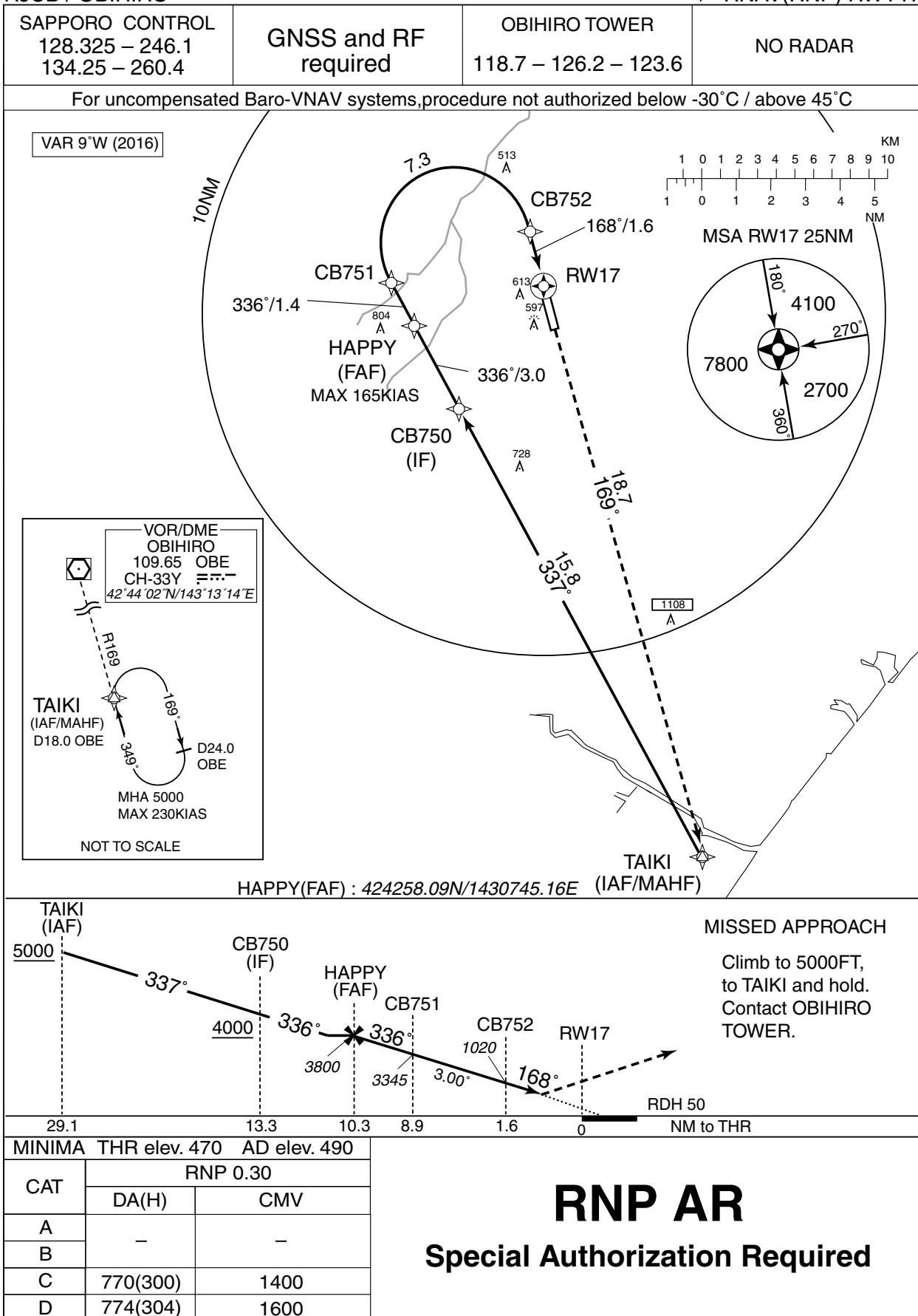
## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

→ RNAV(RNP) RWY17



## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

→ RNAV(RNP) RWY17

RNAV(RNP) RWY17Coding Table

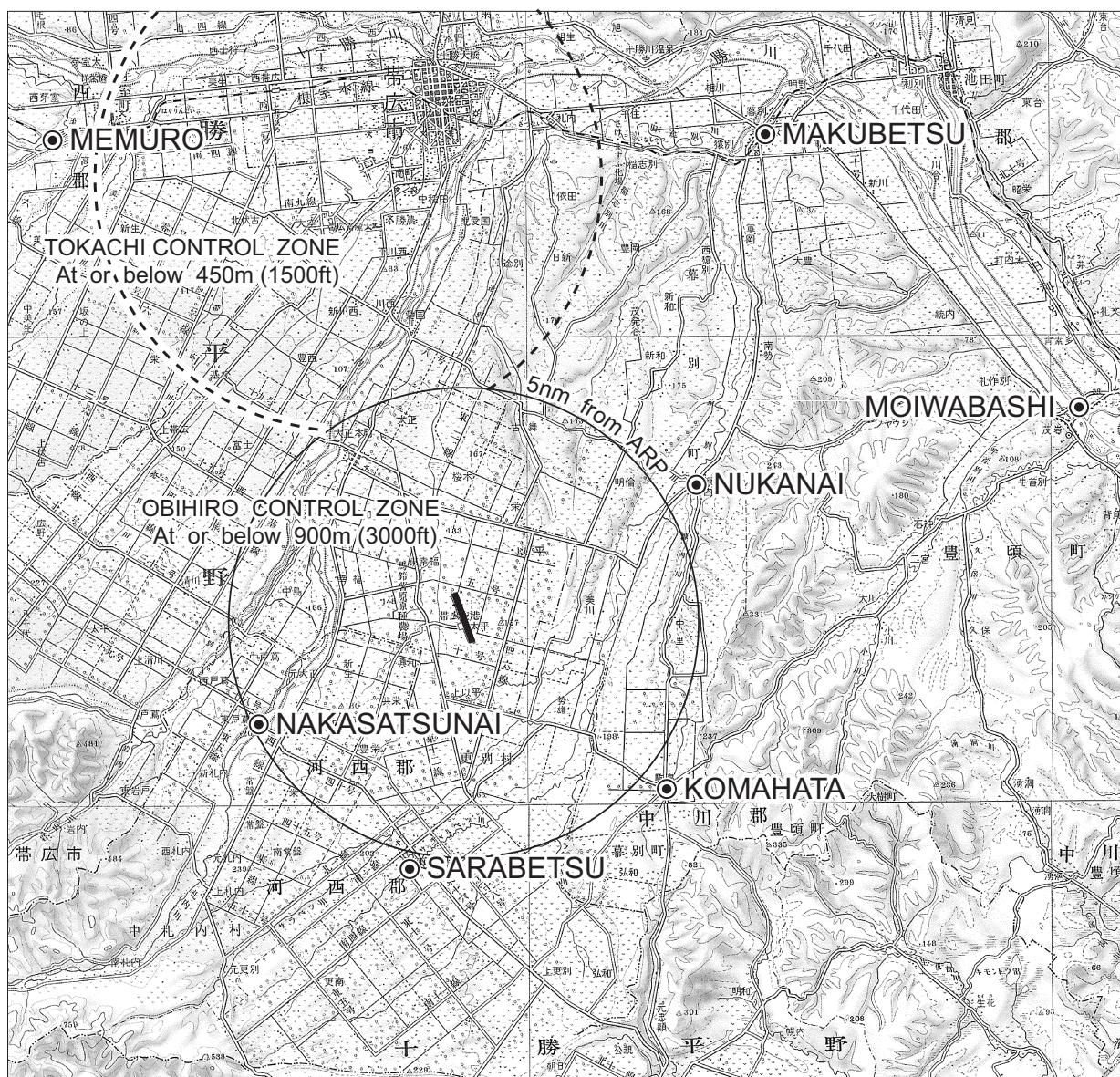
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	TAIKI	—	—	-9.0	—	—	+5000	—	—	—
002	TF	CB750	—	337 (327.6)	-9.0	15.8	—	+4000	—	—	1.0
003	TF	HAPPY	—	336 (327.5)	-9.0	3.0	—	3800	-165	—	1.0
004	TF	CB751	—	336 (327.4)	-9.0	1.4	—	3345	—	-3.00	0.3
005	RF Center: CBRF1 r=2.18NM	CB752	—	—	-9.0	7.3	R	1020	—	-3.00	0.3
006	TF	RW17	Y	168 (159.4)	-9.0	1.6	—	520	—	-3.00/50	0.3
007	TF	TAIKI	—	169 (159.8)	-9.0	18.7	—	5000	—	—	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
TAIKI	422706.29N/1432128.22E	CBRF1	424520.85N/1430911.91E
CB750	424026.47N/1430956.82E		
HAPPY	424258.09N/1430745.16E		
CB751	424410.25N/1430642.42E		
CB752	424607.16N/1431158.01E		
RW17	424438.86N/1431243.31E		

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Visual REP



Call sign	BRG / DIST from ARP	Remarks
更別 Sarabetsu	203°/5.4NM	更別村役場 Sarabetsu Village office
駒畠 Komahata	138°/5.4NM	五差路 Intersection
糠内 Nukanai	065°/5.7NM	猿別川と糠内川の合流点 The confluence of the Sarabetsu and Nukanai rivers
中札内 Nakasatsunai	252°/5NM	札内川の中札内橋 Bridge
幕別 Makubetsu	040°/12NM	JR駅 JR Station
芽室 Memuro	328°/13.5NM	JRの鉄橋 (芽室駅から西1.5NM) Bridge
茂岩橋 Moiwabashi	080°/13.5NM	十勝川の茂岩橋 Bridge

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Minimum Vectoring Altitude CHART

