## **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	Hokkaido Airports Co.,Ltd. Obihiro Airport Office Nishi-9sen Naka8-41, Izumi-cho, Obihiro-shi, Hokkaido JAPAN Tel: 0155-64-5320 Fax: 0155-64-5349 AFS: Nil E-mail: hap-rjcb@hokkaido-airports.co.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	ET 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: PCR 1132/R/B/W/T			
		Apron B: Surface: Cement concrete Strength: AUW 5700kg / 0.48MPa			
2	Taxiway width, surface and strength	T1: Surface: Asphalt concrete, Width: 26.5m,     Strength: PCR 1268/F/D/X/T  T2: Surface: Asphalt concrete, Width: 30m,     Strength: PCR 1776/F/D/X/T  T3: Surface: Asphalt concrete, Width: 30m,     Strength: PCR 1091/F/D/X/T  T4: Surface: Asphalt concrete, Width: 30m,     Strength: PCR 1652/F/D/X/T  T5: Surface: Asphalt concrete, Width: 26.5m,     Strength: PCR 1405/F/D/X/T  P1: Surface: Asphalt concrete, Width: 23m,     Strength: PCR 1115/F/D/X/T  P2: Surface: Asphalt concrete, Width: 23m,     Strength: PCR 1391/F/D/X/T  P3: Surface: Asphalt concrete, Width: 23m,     Strength: PCR 1007/F/D/X/T  P4: Surface: Asphalt concrete, Width: 23m,     Strength: PCR 1405/F/D/X/T  B: Surface: Asphalt concrete, Width: 9m,     Strength: AUW 5,700kg/ 0.48MPa			
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 dock- ing/ 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, Mandatory instruction  (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	$\begin{split} &S_6, U_{85}, U_7, U_5, U_3, U_{25}, U_2/T_r, P_s, P_5, P_3, P_{25}, P_{SWE}, P_{SWF}, P_{SWG},\\ &P_{SWI}, P_{SWM}, P_{SW}(\text{domestic}), E, C, W_E, W_F, W_G,W_I, W, N \end{split}$
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(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
17	159.30°	2500×45	PCR 1229/F/D/X/T Asphalt-Concrete	424438.86N 1431243.31E 92ft	THR ELEV: 470FT
35	339.30°	2500×45	PCR 1490/F/D/X/T Asphalt-Concrete	424323.07N 1431322.16E 91ft	THR ELEV: 505FT
Slope o	of RWY	Strip Dimensions(M)		(Overrun) asions (M)	Remarks
7	7	10		11	14
See AD chart		2620×300	40×(MNM:290 MAX:300)*		RWY GROOVING : 2500m×45m
See AD chart		2620×300	,	150 MAX:300)* airport administrator	RWY GROOVING : 2500m×45m

# **RJCB AD 2.13 DECLARED DISTANCES**

	TORA	TODA	ASDA	LDA	
RWY Designator	(m)	(m)	(m)	(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	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				
17	SALS (*1) 420m LIH	Green Green	PAPI 3.0°/LEFT 416.5m 73.8ft	-	2500m 30m Coded color (White/Red) 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 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	WDILGT

AIP Japan OBIHIRO

# **RJCB AD 2.16 HELICOPTER LANDING AREA**

Nil	

# **RJCB AD 2.17 ATS AIRSPACE**

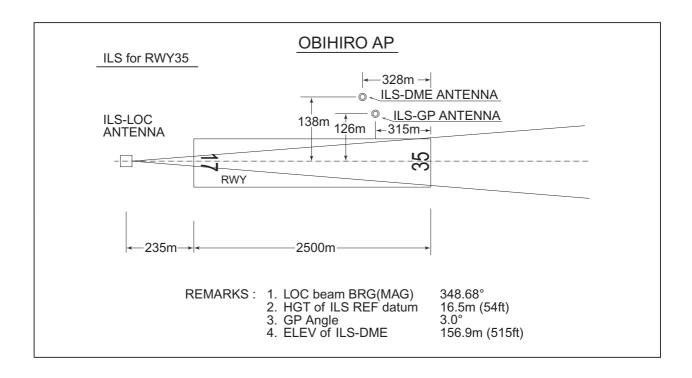
	Designation and lateral limits	Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
	1	2	3	4	6
OBIHIRO CTR	Area within a radius of 5NM of OBIHIRO ARP(42°44'N143°13'E)	3000 or below	D	OBIHIRO TOWER En	
Hidaka ACA	See RJEC attached chart		E	Hidaka APP En	

# **RJCB 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	2230 - 1200	
		134.55MHz		
		121.5MHz(E)		
		243.0MHz(E)		
TWR	OBIHIRO TOWER	118.7MHz	2300 - 1200	
		126.2MHz		
		123.6MHz		
		121.5MHz(E)		
		243.0MHz(E)		

## **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/2022)	OBE	109.65MHz	H24	424402.27N/ 1431313.63E		VOR/DME Unusable: 230°-240° beyond 35NM BLW 8000ft.
DME	OBE	1120MHz (CH-33Y)	H24	424402.27N/ 1431313.63E	530ft	250°-260° beyond 35NM BLW 9000ft. 260°-280° beyond 30NM BLW 9000ft. 280°-290° beyond 35NM BLW 9000ft. 300°-310° beyond 35NM BLW 8000ft.
ILS-LOC 35	IOB	111.7MHz	2300 - 1200	424445.95N/ 1431239.68E		LOC: 235m(771ft) away FM RWY 17 THR, BRG(MAG) 348.68°.
ILS-GP 35	-	333.5MHz	2300 - 1200	424334.04N/ 1431322.45E		GP: 315m(1033ft) inside FM RWY 35 THR, 126m(413ft) E of RCL. HGT of ILS REF datum 16.5m(54ft). GP angle 3.0°
ILS-DME 35	IOB	1015MHz (CH-54X)	2300 - 1200	424334.56N/ 1431322.72E	515ft	DME: 328m(1076ft) inside FM RWY35 THR, 138m(453ft) E of RCL
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.



# **RJCB AD 2.20 LOCAL TRAFFIC REGULATIONS**

1. Airport regulations

Tel: Hokkaido Airports Co.,Ltd. Obihiro Airport Office. 0	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	of runways
	Nil
8. Helicopter traffic - limitation	
	Nil
Removal of disabled aircraft from runways	

Nil

#### **RJCB AD 2.21 NOISE ABATEMENT PROCEDURES**

NII
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#### **RJCB AD 2.22 FLIGHT PROCEDURES**

#### 1. TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)		
		CAI	RVR	VIS	RVR	VIS	RVR	VIS	
Multi-Engine ACFT With	17	A, B, C, D	-	400m	-	400m	-	500m	
TKOF ALTN AP FILED	35	A, B, C, D	400m	400m	400m	400m	-	500m	
OTHER	17	A, B, C, D			AV/BL LD(	2 MINIMA			
OTTLER	35	A, B, C, D		AVBL LDG MINIMA					

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

#### **RJCB AD 2.23 ADDITIONAL INFORMATION**

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

Aerodrome/Heliport Chart

Standard Departure Chart - Instrument (NODUK)

Standard Departure Chart - Instrument (KUSHIRO)

Standard Departure Chart - Instrument (RUGMO)

Standard Departure Chart - Instrument (OBIHIRO Reversal)

Standard Departure Chart - Instrument (RACKO)

Standard Departure Chart - Instrument (OTTER-RNAV)

Instrument Approach Chart (ILS Z or LOC Z RWY35)

Instrument Approach Chart (ILS Y or LOC Y RWY35)

Instrument Approach Chart (VOR RWY17)

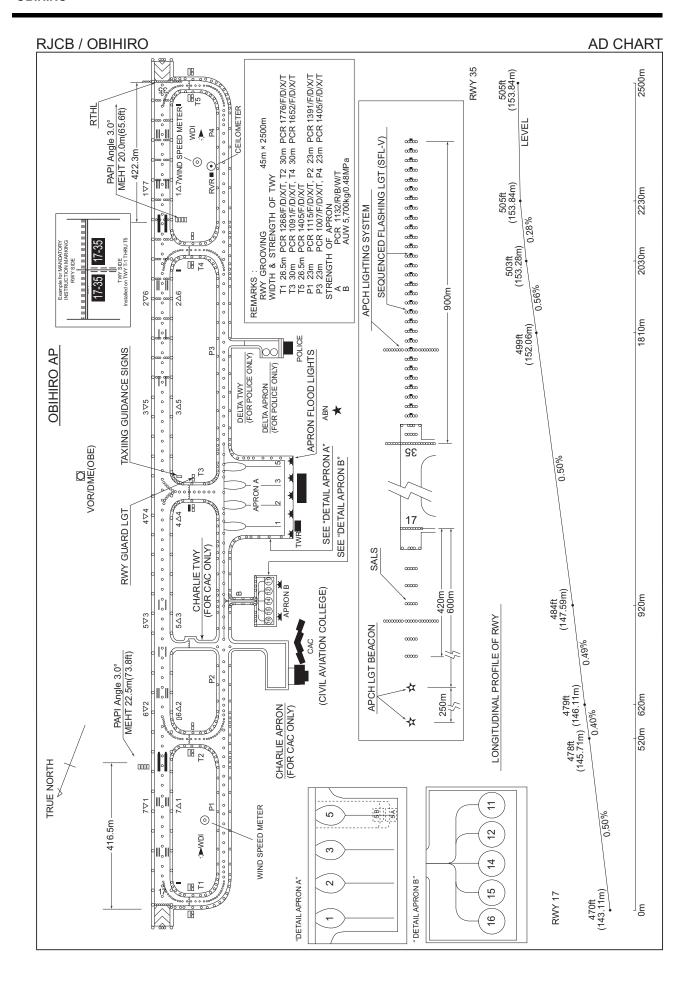
Instrument Approach Chart (VOR RWY35)

Instrument Approach Chart (RNP RWY17(AR))

Other Chart (Visual REP)

Other Chart (MVA CHART)





RJCB / OBIHIRO SID

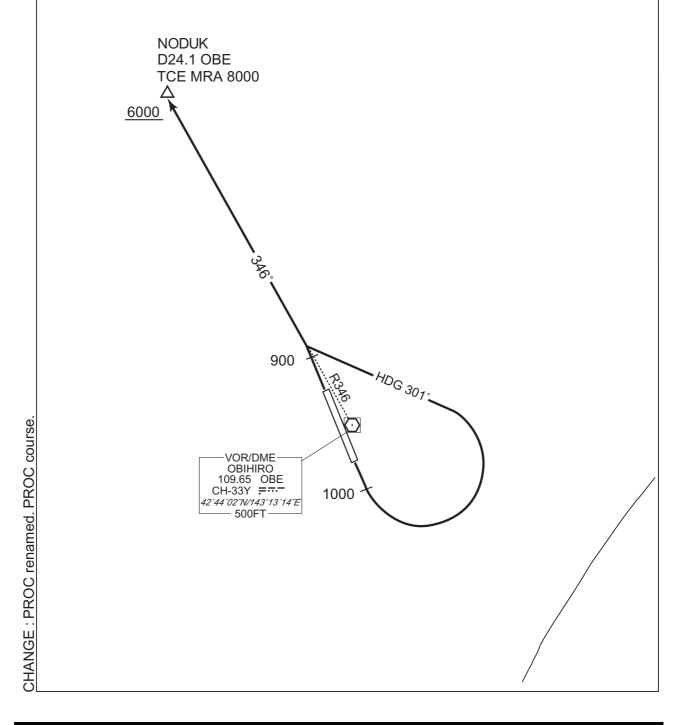
# NODUK TWO DEPARTURE

RWY 17: Climb RWY HDG to 1000FT, turn left HDG 301° to intercept and proceed...

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

...via OBE R346 to NODUK.

Cross NODUK at or above 6000FT.



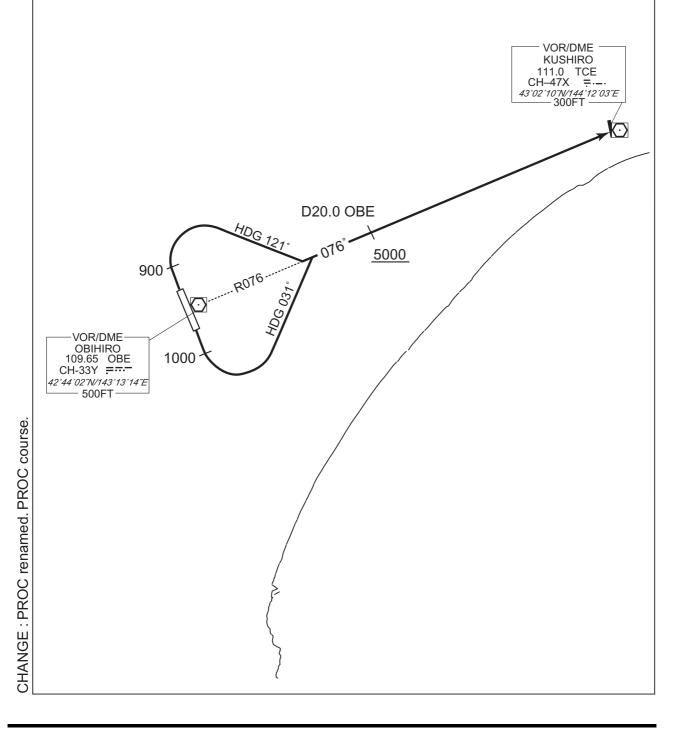
RJCB / OBIHIRO SID

## KUSHIRO SIX 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 TCE VOR/DME.

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



RJCB / OBIHIRO SID

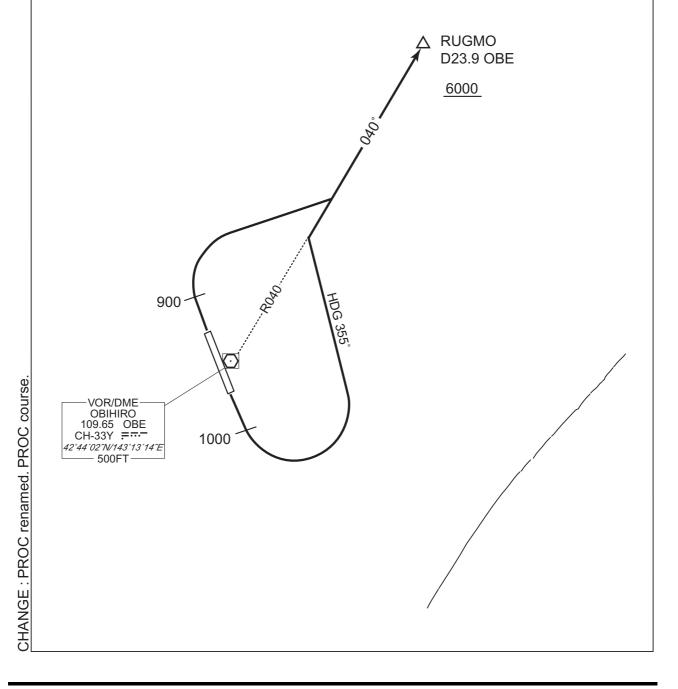
# RUGMO TWO DEPARTURE

RWY 17: Climb RWY HDG to 1000FT, turn left HDG 355° to intercept and proceed...

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

...via OBE R040 to RUGMO.

Cross RUGMO at or above 6000FT.



RJCB / OBIHIRO SID

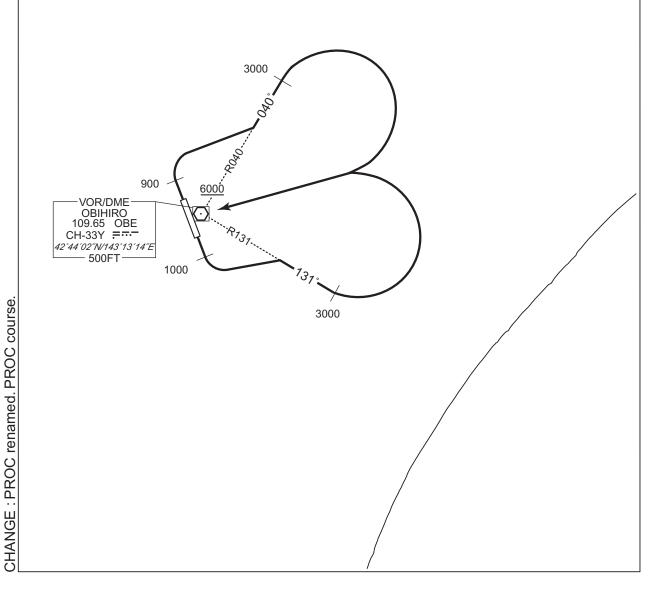
# OBIHIRO REVERSAL EIGHT DEPARTURE

RWY 17 : Climb RWY HDG to 1000FT, turn left, via OBE R131 to 3000FT, turn left,...

RWY 35 : Climb RWY HDG to 900FT, turn right, via OBE R040 to 3000FT, turn right,...

...direct to OBE VOR/DME.

Cross OBE VOR/DME at or above 6000FT.



RJCB / OBIHIRO SID

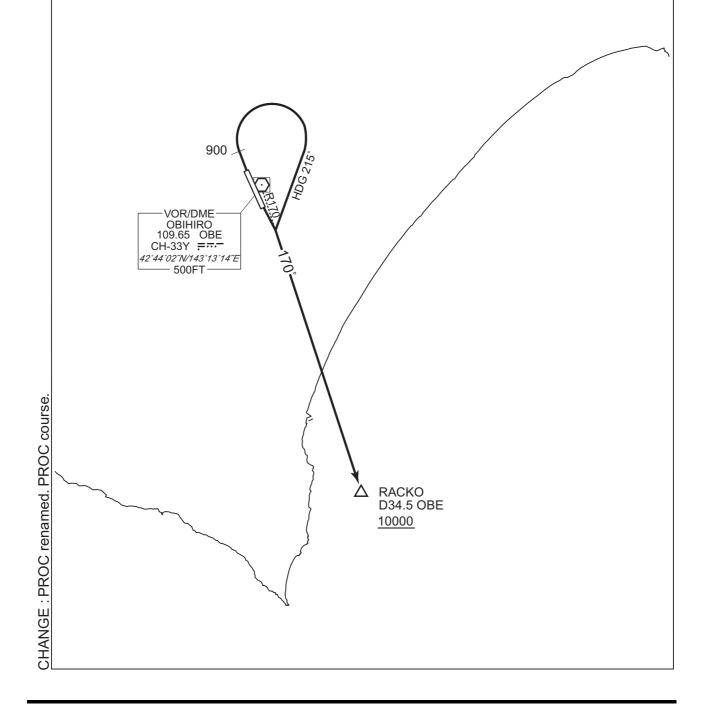
# RACKO THREE DEPARTURE

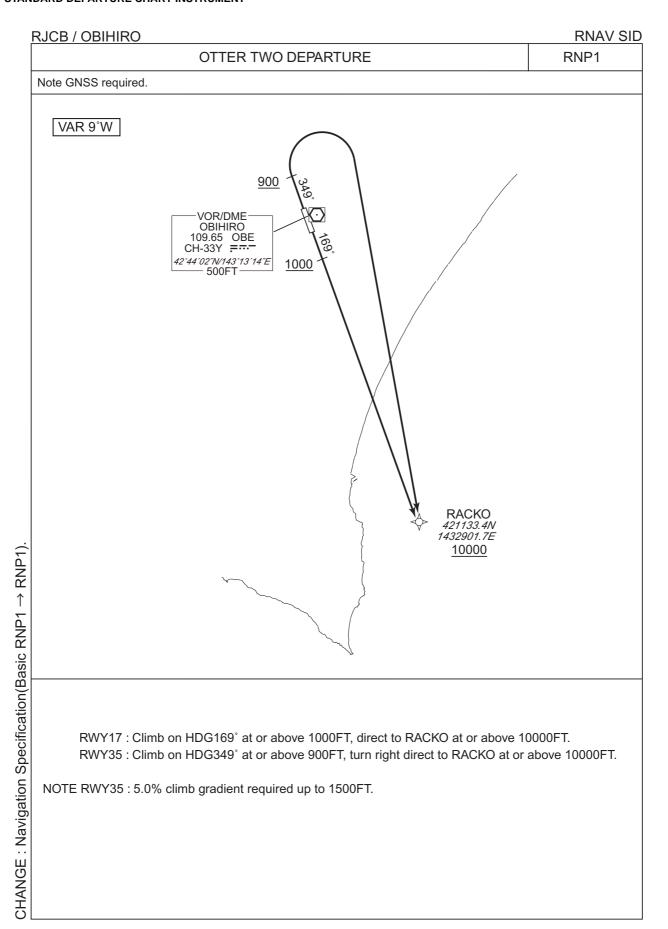
RWY 17: Climb...

RWY 35 : Climb RWY HDG to 900FT, turn right HDG 215° to intercept and proceed...

...via OBE R170 to RACKO.

Cross RACKO at or above 10000FT.





RJCB / OBIHIRO RNAV SID

# OTTER TWO DEPARTURE

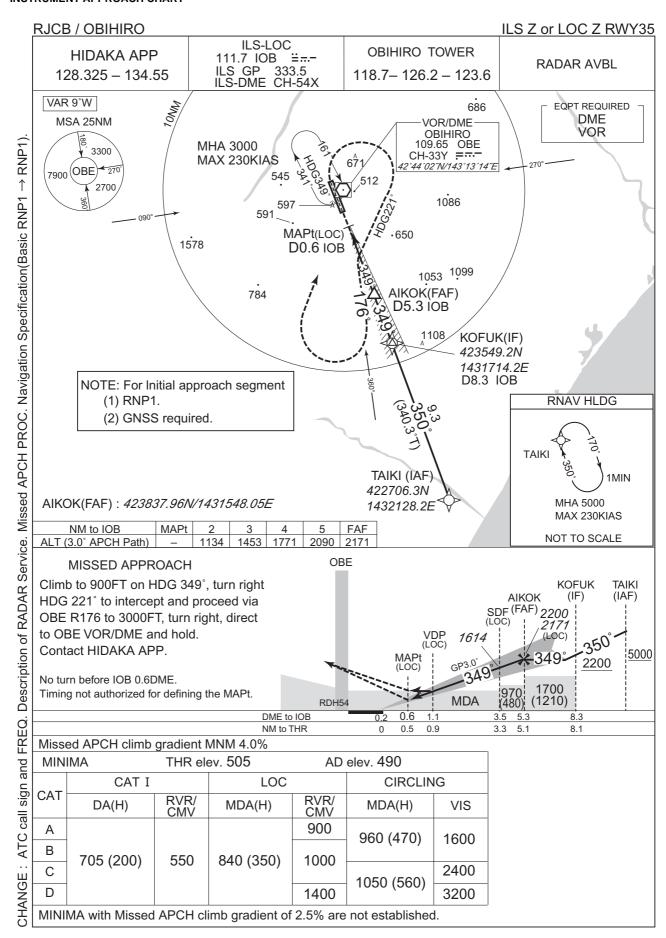
## RWY17

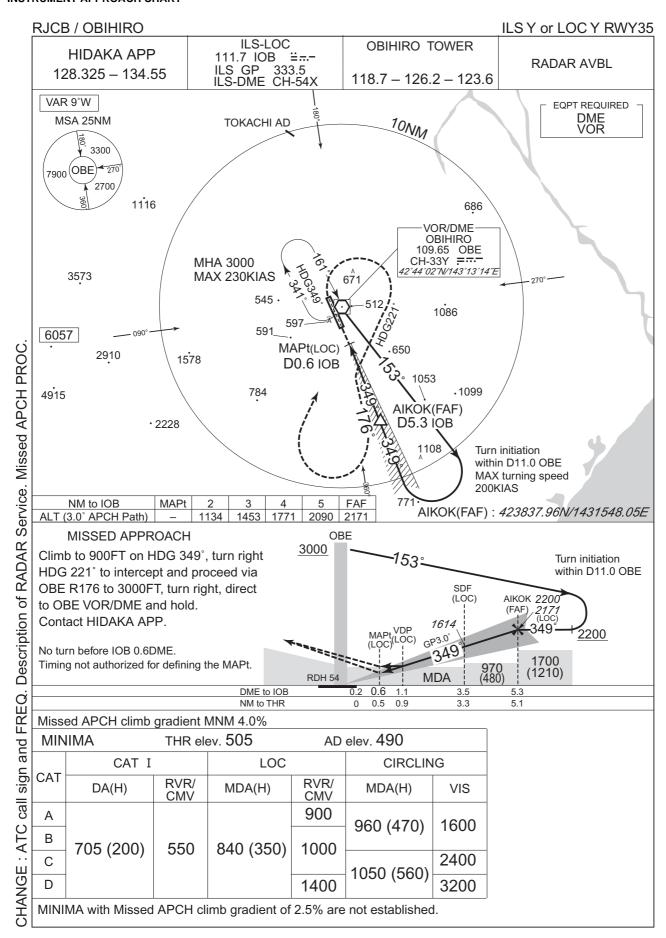
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	1	169 (159.4)	-9.4	1	-	+1000	-	1	RNP1
002	DF	RACKO	1	-	-9.4	-	-	+10000	-	-	RNP1

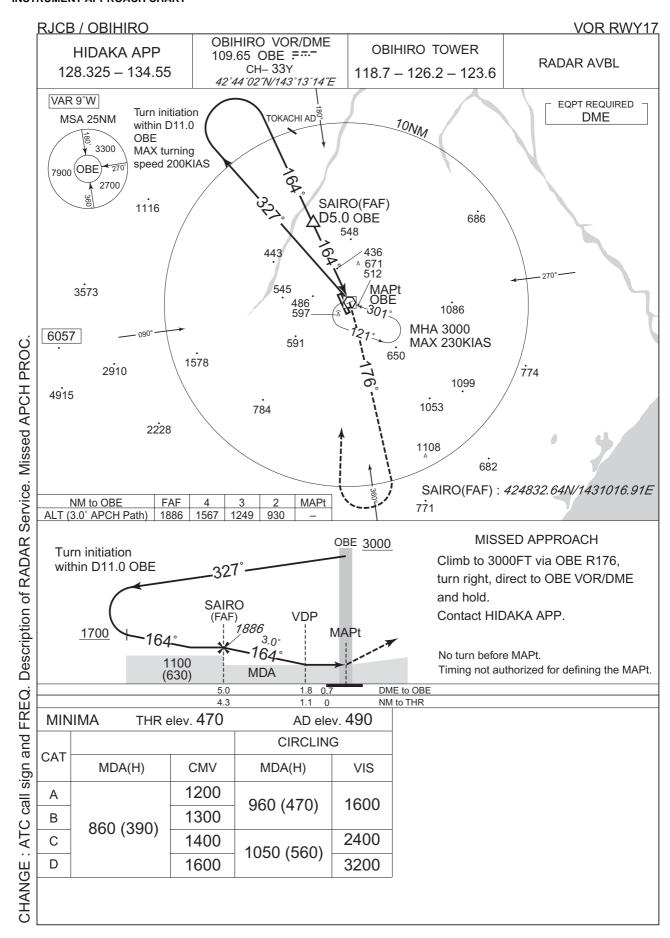
# RWY35

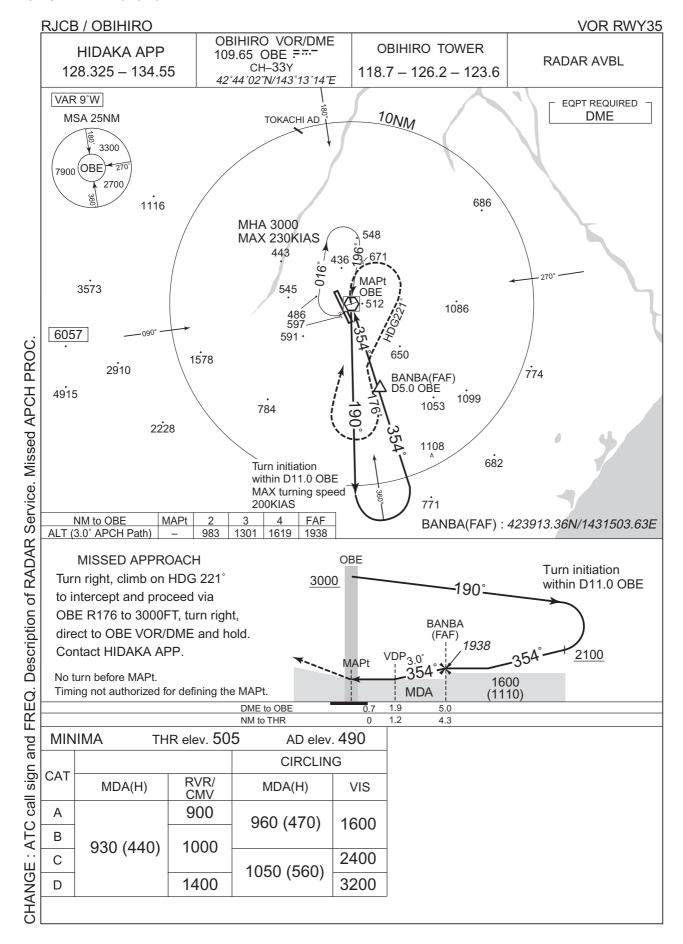
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	ı	ı	349 (339.4)	-9.4	ı	ı	+900	ı	1	RNP1
002	DF	RACKO	-	-	-9.4	-	R	+10000	-	-	RNP1

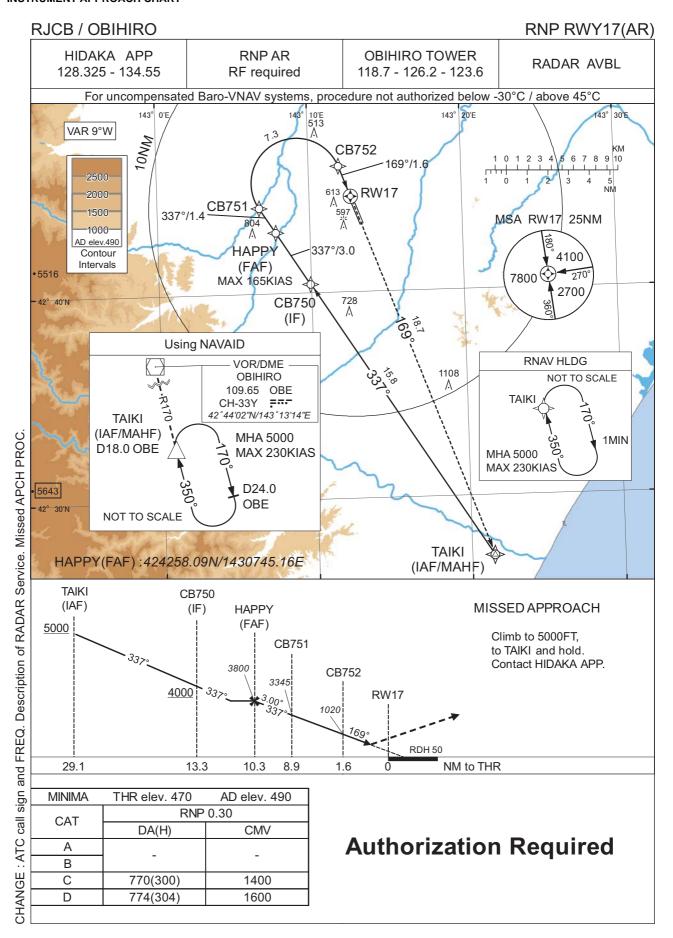
# CHANGE: Navigation Specification(Basic RNP1 → RNP1).











# RJCB / OBIHIRO

RNP RWY17(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	TAIKI	-	-	-9.4	-	-	+5000	-	-	-
002	TF	CB750	-	337 (327.6)	-9.4	15.8	-	+4000	-	-	1.0
003	TF	HAPPY	1	337 (327.5)	-9.4	3.0	-	3800	-165	-	1.0
004	TF	CB751	1	337 (327.4)	-9.4	1.4	-	3345	-	-3.00	0.3
005	RF Center: CBRF1 r=2.18NM	CB752	,	ı	-9.4	7.3	R	1020	1	-3.00	0.3
006	TF	RW17	Υ	169 (159.4)	-9.4	1.6	-	520	-	-3.00/50	0.3
007	TF	TAIKI	-	169 (159.8)	-9.4	18.7	-	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	TAIKI	350 (340.3)	-9.4	1.0 (-14000)	R	5000	FL140	-230 (-14000)	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		
1 -	<u> </u>	<u> </u>	<del>-</del>	



※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).

ARP.	Call sign	BRG / DIST from ARP	Remarks		
from,	幕別 Makubetsu	031°T / 12.2NM	JR駅 JR Station		
CHANGE : Map updated. BRG/DIST	芽室 Memuro	320°T / 13.6NM	JRの鉄橋(芽室駅から西1.5NM) Bridge		
	茂岩橋 Moiwabashi	071°T / 13.7NM	十勝川の茂岩橋 Bridge		
	糠内 Nukanai	056°T / 5.9NM	猿別川と糠内川の合流点 The confluence of the Sarubetsu and Nukanai rivers		
	中札内 Nakasatsunai	245°T / 4.9NM	札内川の中札内橋 Bridge		
	駒畠 Komahata	130°T / 5.4NM	五差路 Intersection		
	更別 Sarabetsu	195°T / 5.1NM	更別村役場 Sarabetsu Village office		

