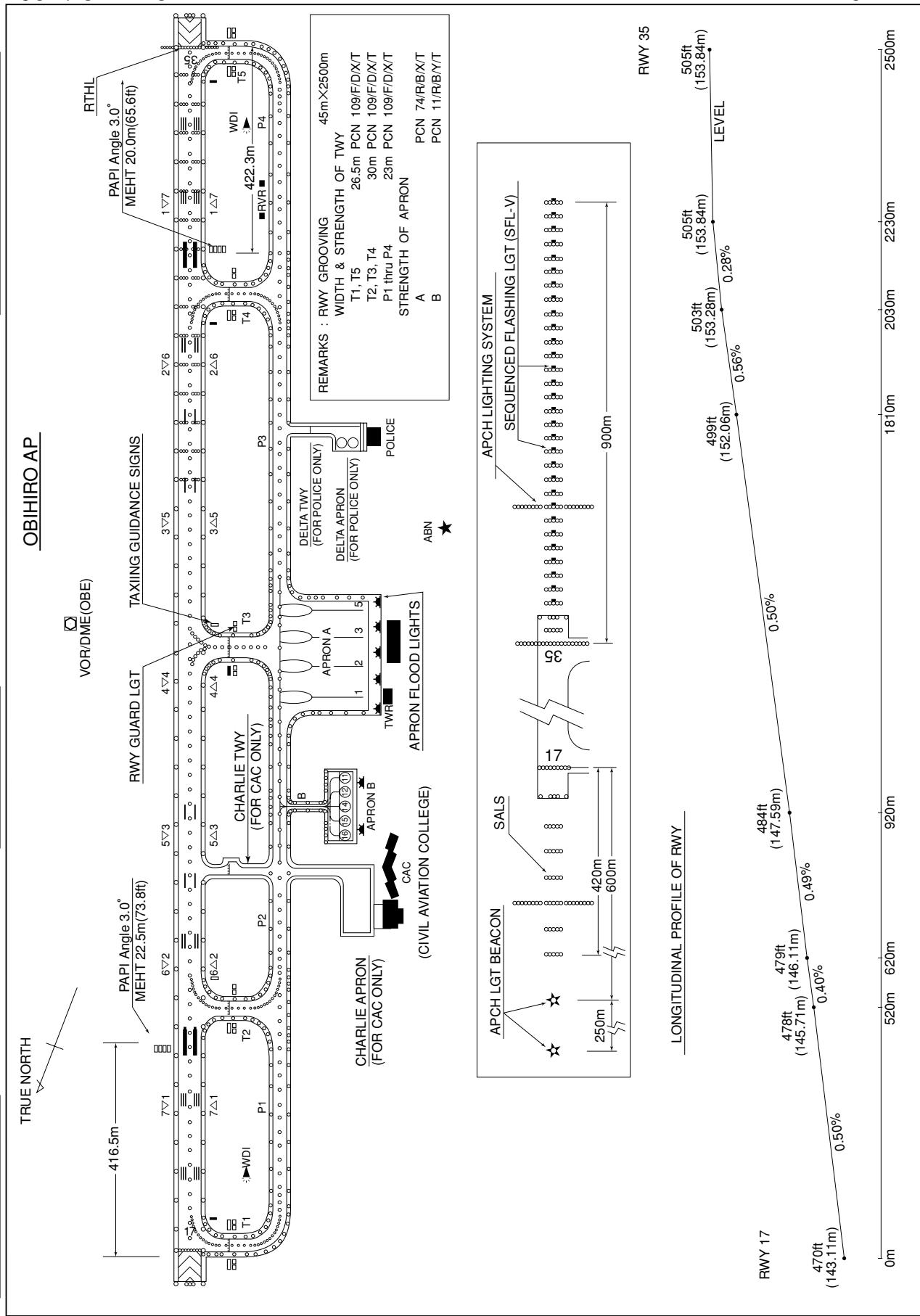


RJCB / OBIHIRO

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

→ SID

EATAK ONE DEPARTURE

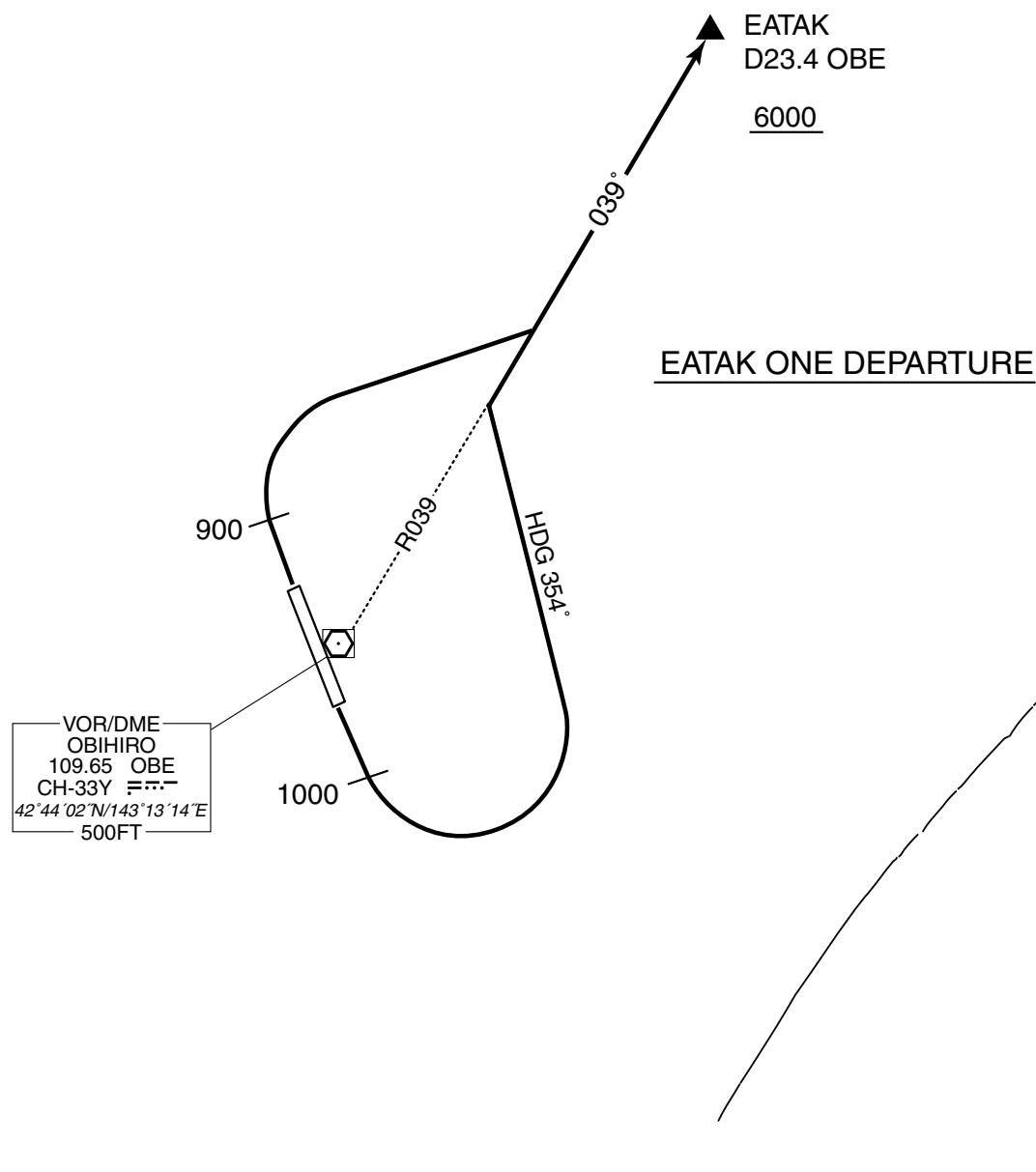
RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 354° to intercept and proceed...

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.

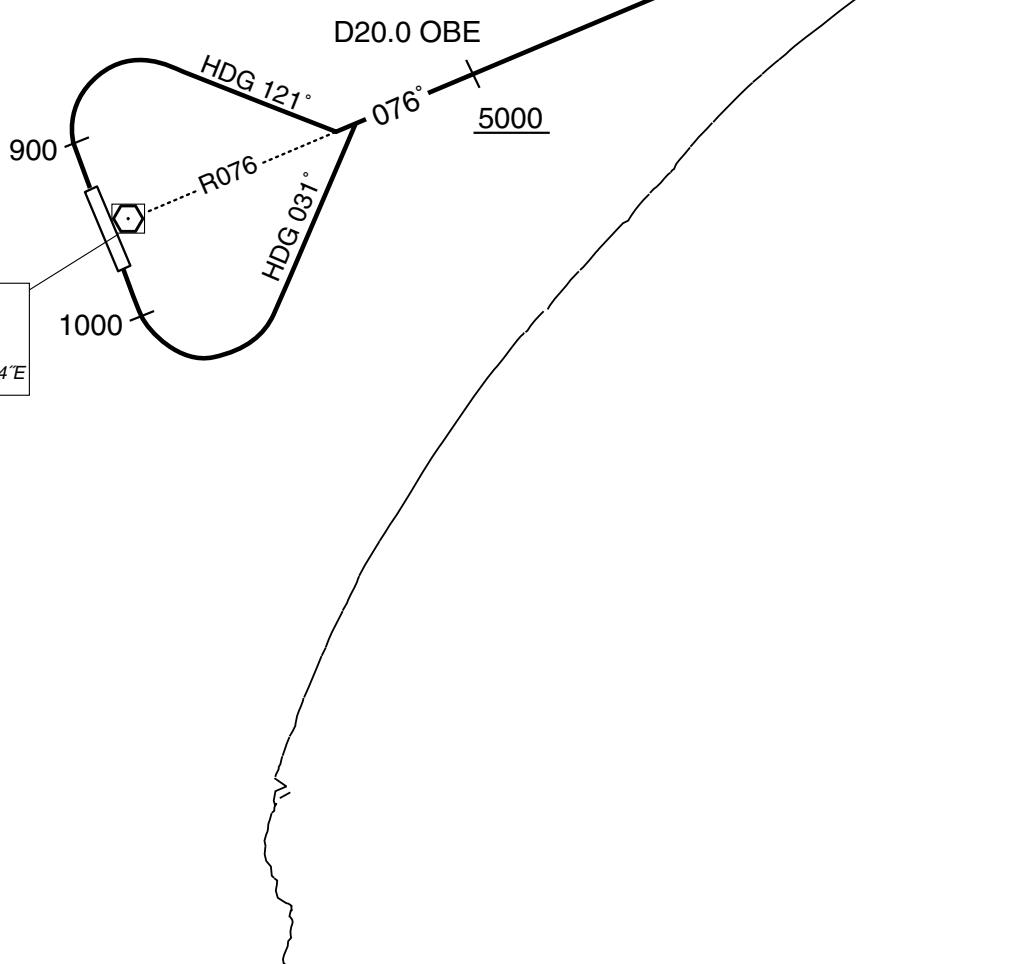
Cross OBE R076/20.0DME at or above 5000FT.

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

KUSHIRO FOUR DEPARTURE

VOR/DME  
KUSHIRO  
112.5 KSE  
CH-72X  $\cdots\cdots$   
 $43^{\circ}02'02''N/144^{\circ}12'15''E$   
300FT

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



STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

NOTAK FOUR DEPARTURE

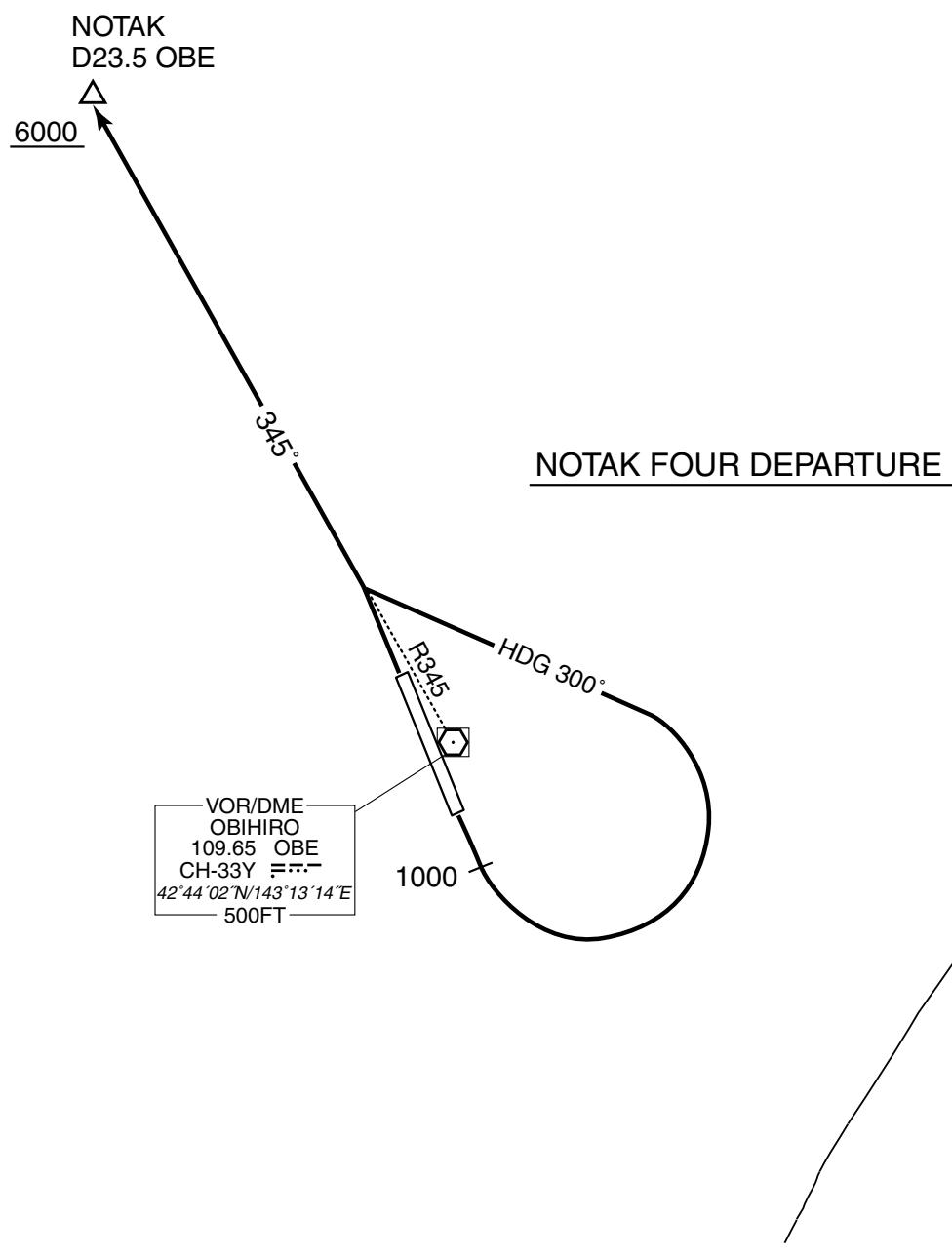
RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 300° to intercept and proceed...

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

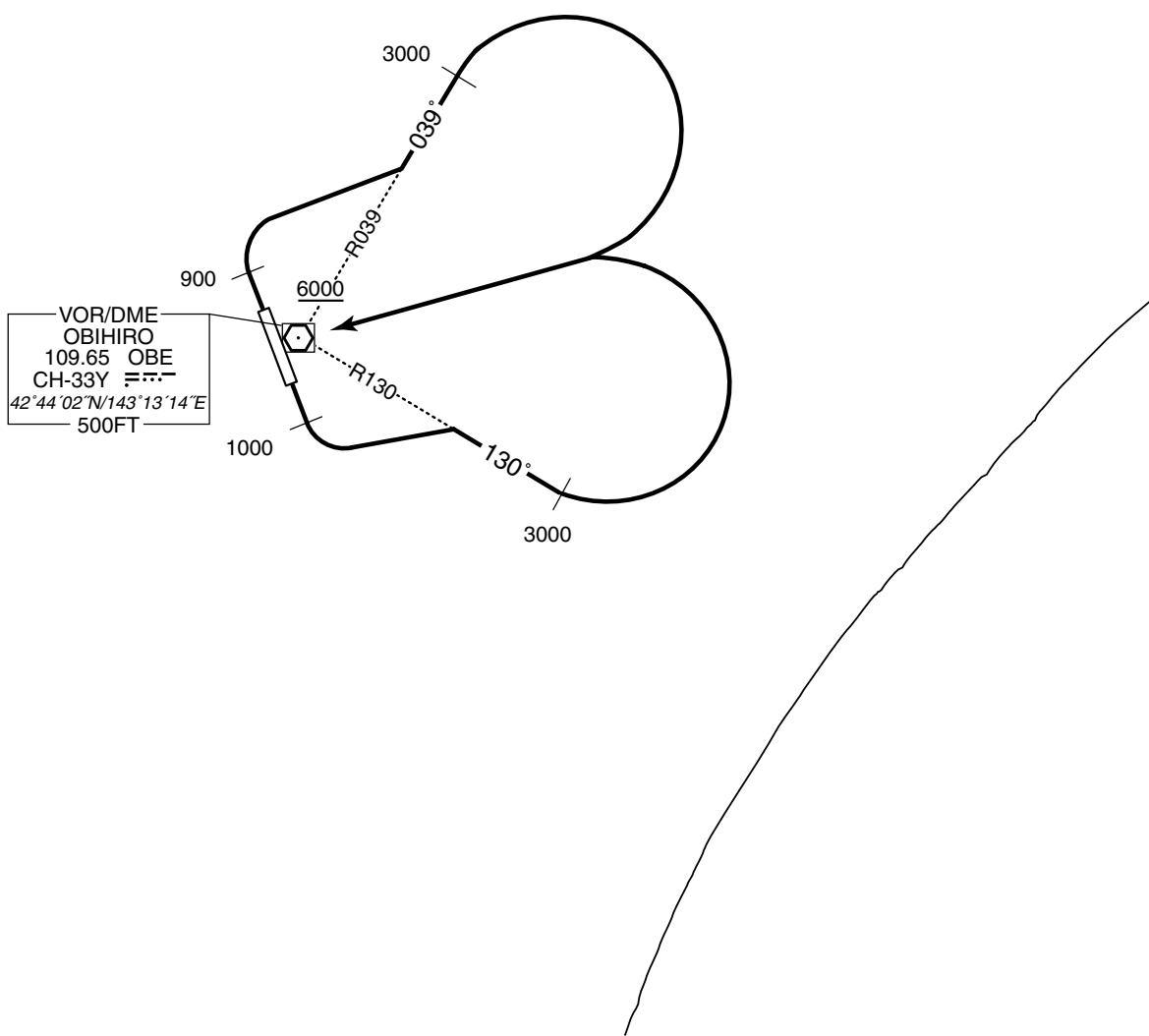
RWY 17 : Climb RWY HDG to 1000FT, turn left, via OBE R130 to 3000FT, turn left,...

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

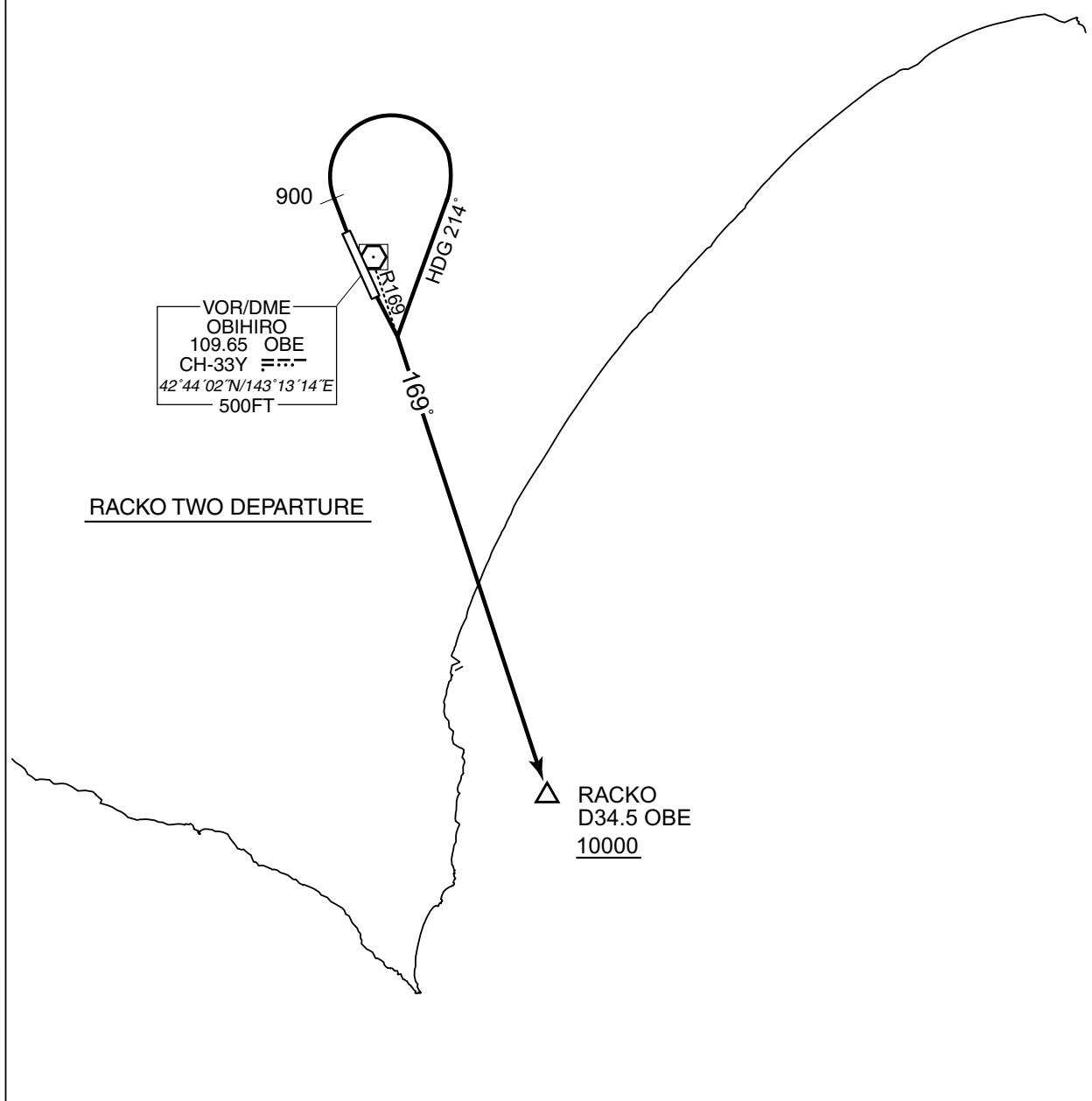
RACKO TWO DEPARTURE

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

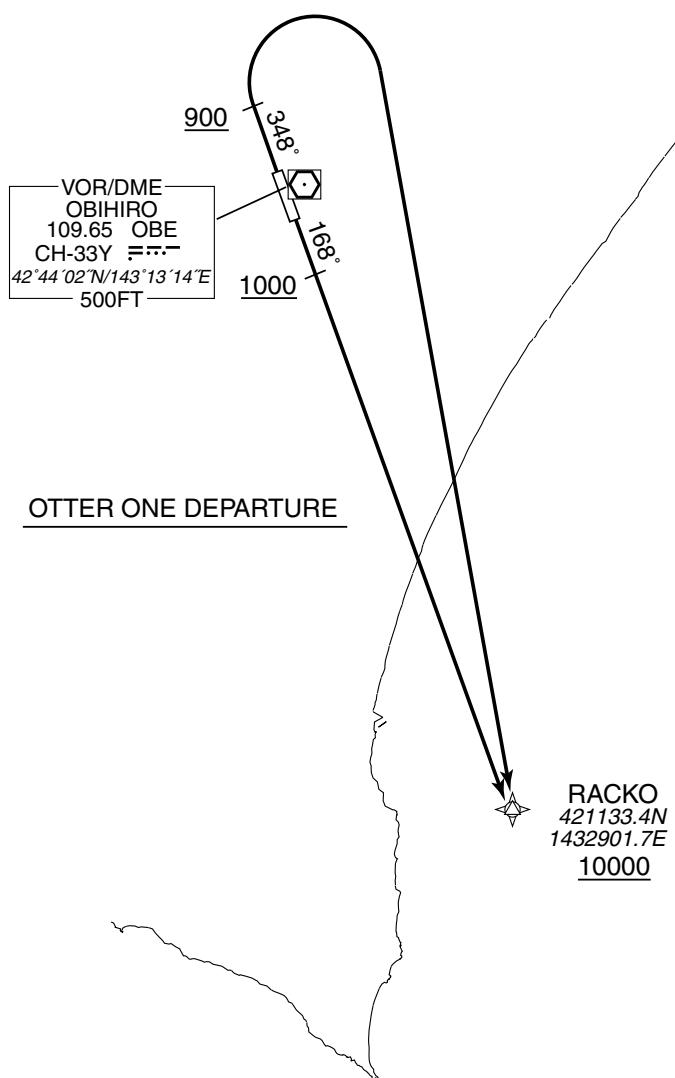
→ RNAV SID

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

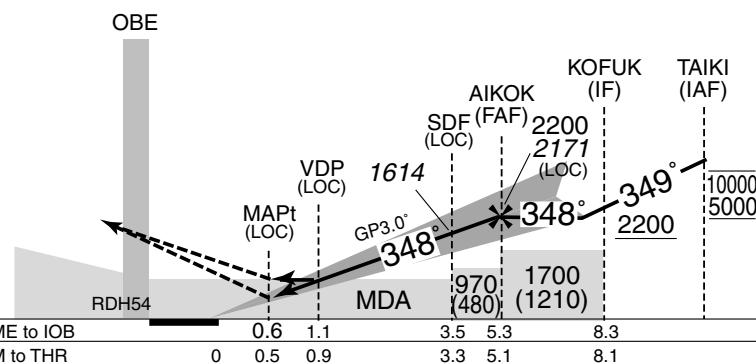
RJCB / OBIHIRO

ILS Z or LOC Z RWY35

## 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						

## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

ILS Y or LOC Y RWY35

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

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

**OBIHIRO TOWER**  
118.7 – 126.2 – 123.6

**NO RADAR**

**VAR 9°W (2013)**

**MSA 25NM**

**TOKACHI AD**

**10NM**

**EQPT REQUIRED**  
**DME VOR**

**MHA 3000 MAX 230KIAS**

**VOR/DME OBIHIRO**  
109.65 OBE  
CH-33Y

**42°44'02"N/143°13'14"E**

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

**MAPt(LOC) D5.3 IOB**

**Turn initiation within D11.0 OBE MAX turning speed 200KIAS**

**AIKOK(FAF) : 423837.96N/1431548.05E**

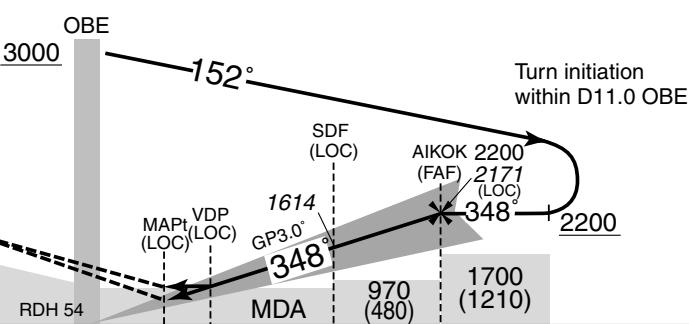
NM to IOB	MAPt	2	3	4	5	FAF
ALT (3.0° APCH Path)	-	1136	1455	1773	2092	2171

## 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 IOP 0.6DME

Timing not authorized for defining the MAPt



Missed ABCH climb gradient MNM 1.0%

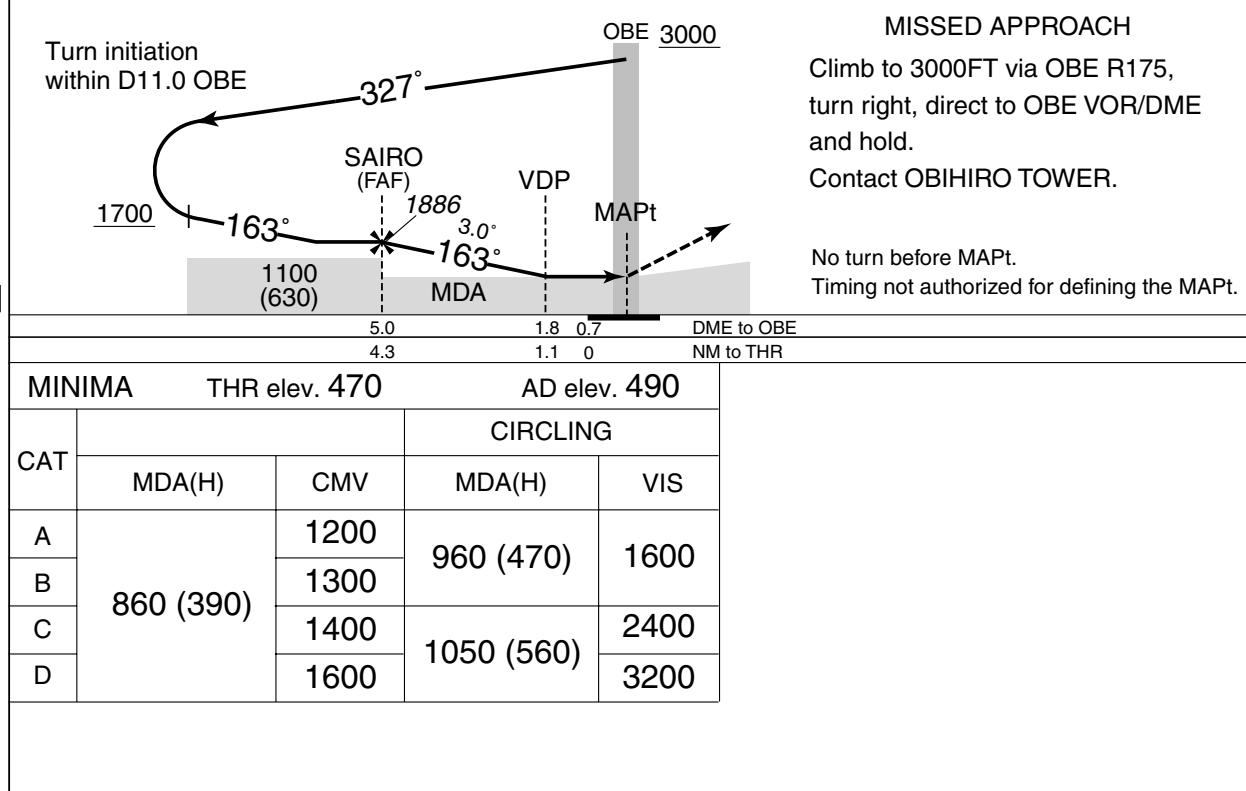
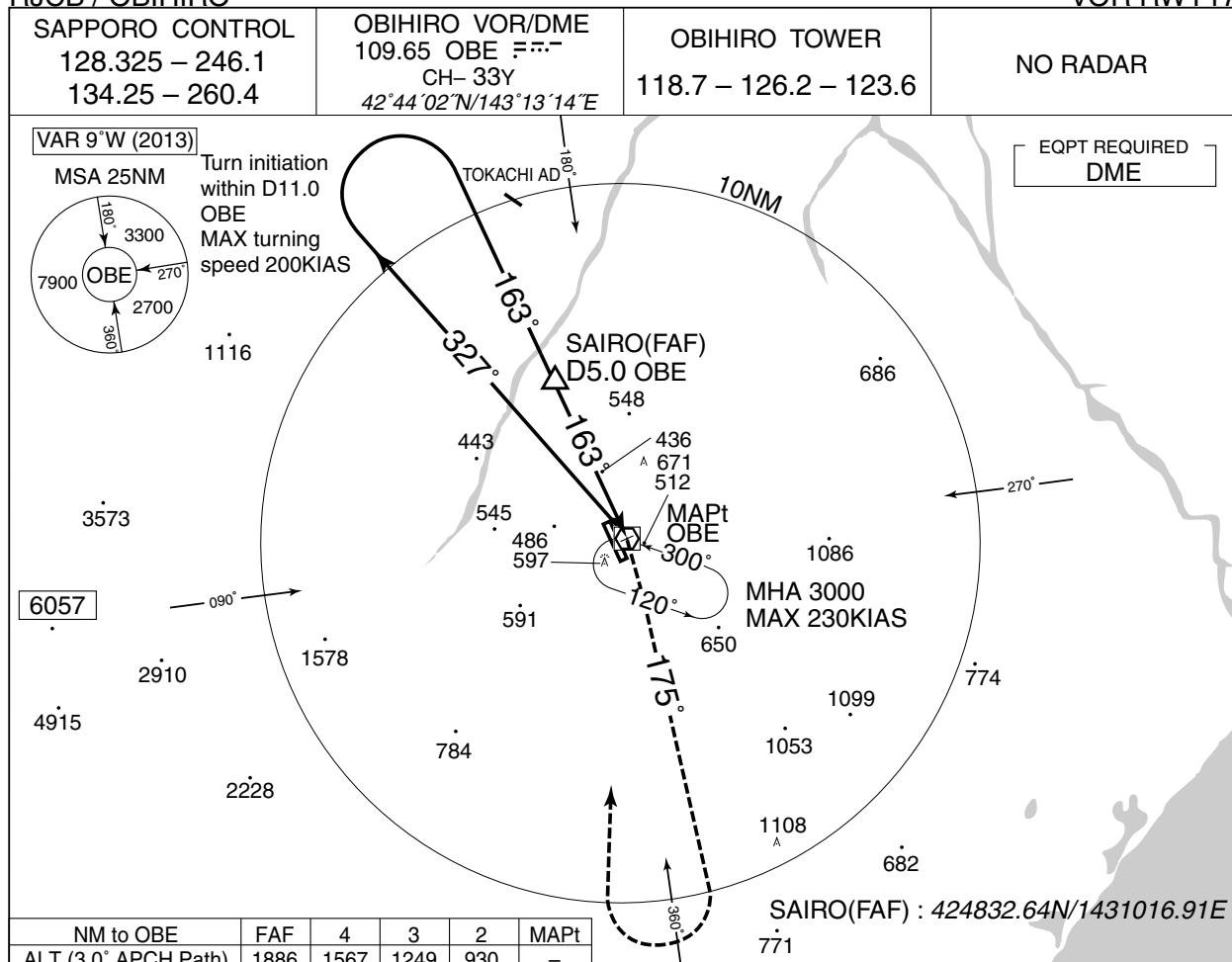
Missed APCH climb gradient MNM 4.0%						
MINIMA		THR elev. 505		AD elev. 490		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	705 (200)	550	840 (350)	900	960 (470)	1600
B				1000		2400
C				1050 (560)	3200	
D						

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

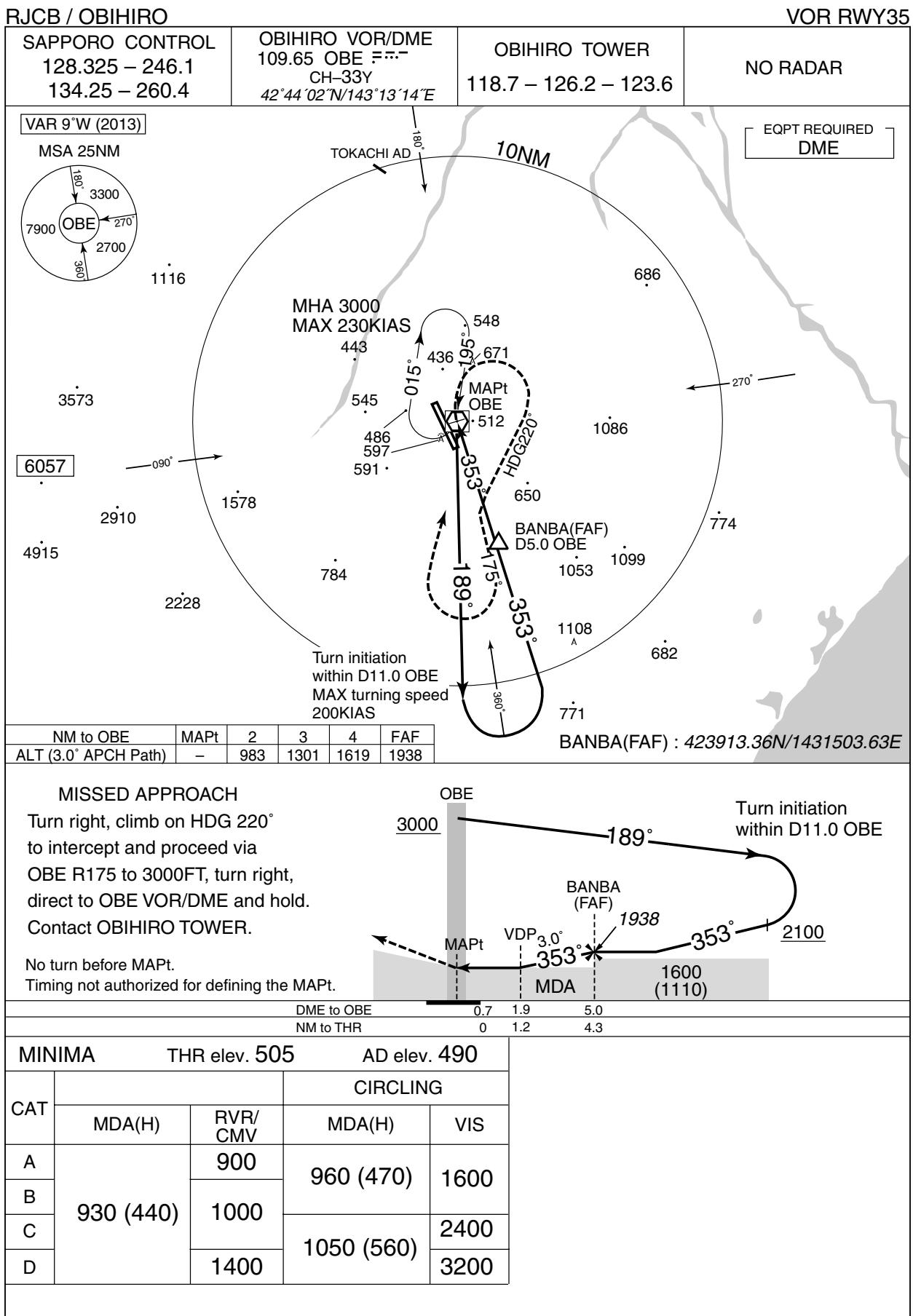
## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

VOR RWY17



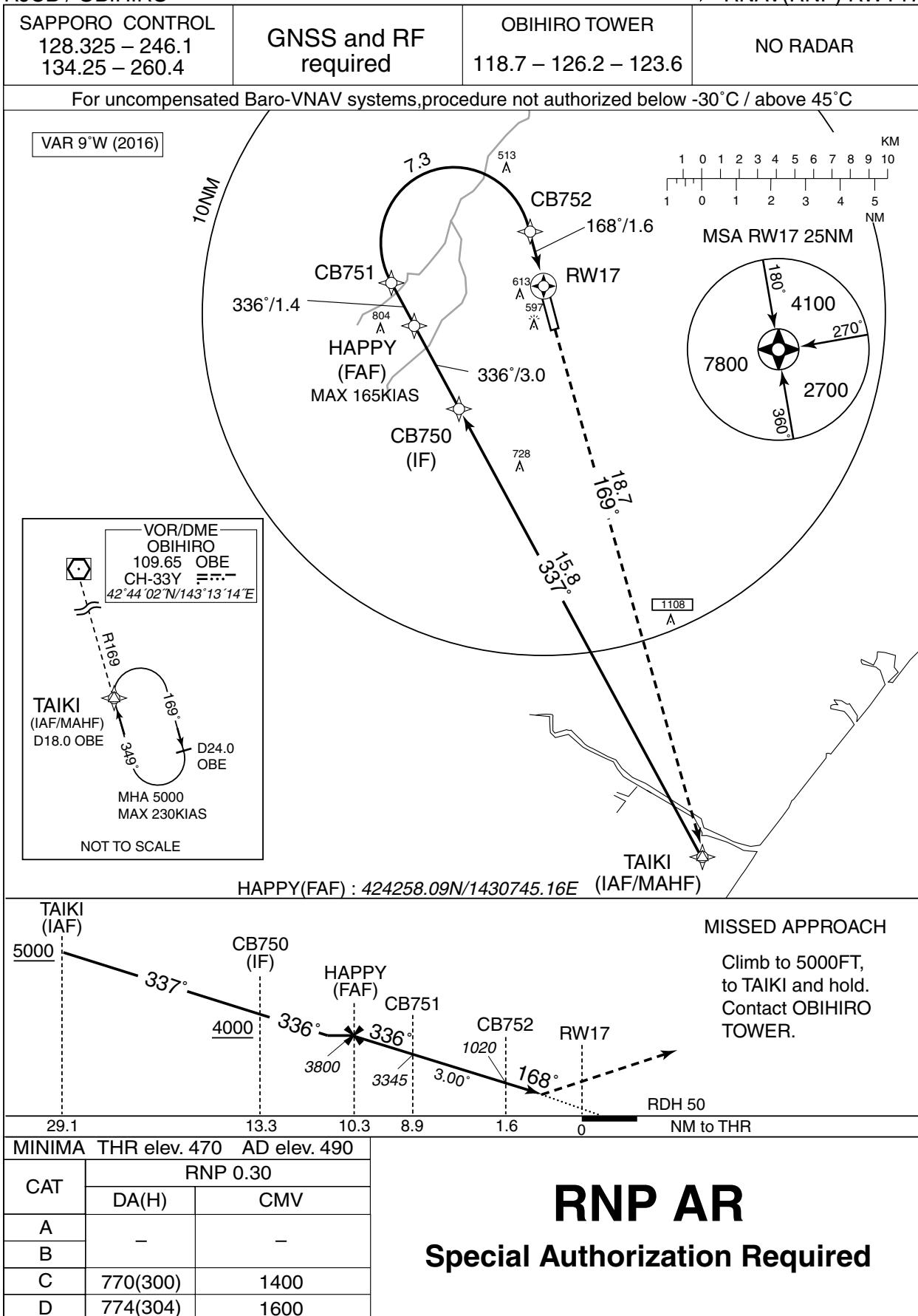
## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

→ RNAV(RNP) RWY17



## INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

→ RNAV(RNP) RWY17

RNAV(RNP) RWY17Coding Table

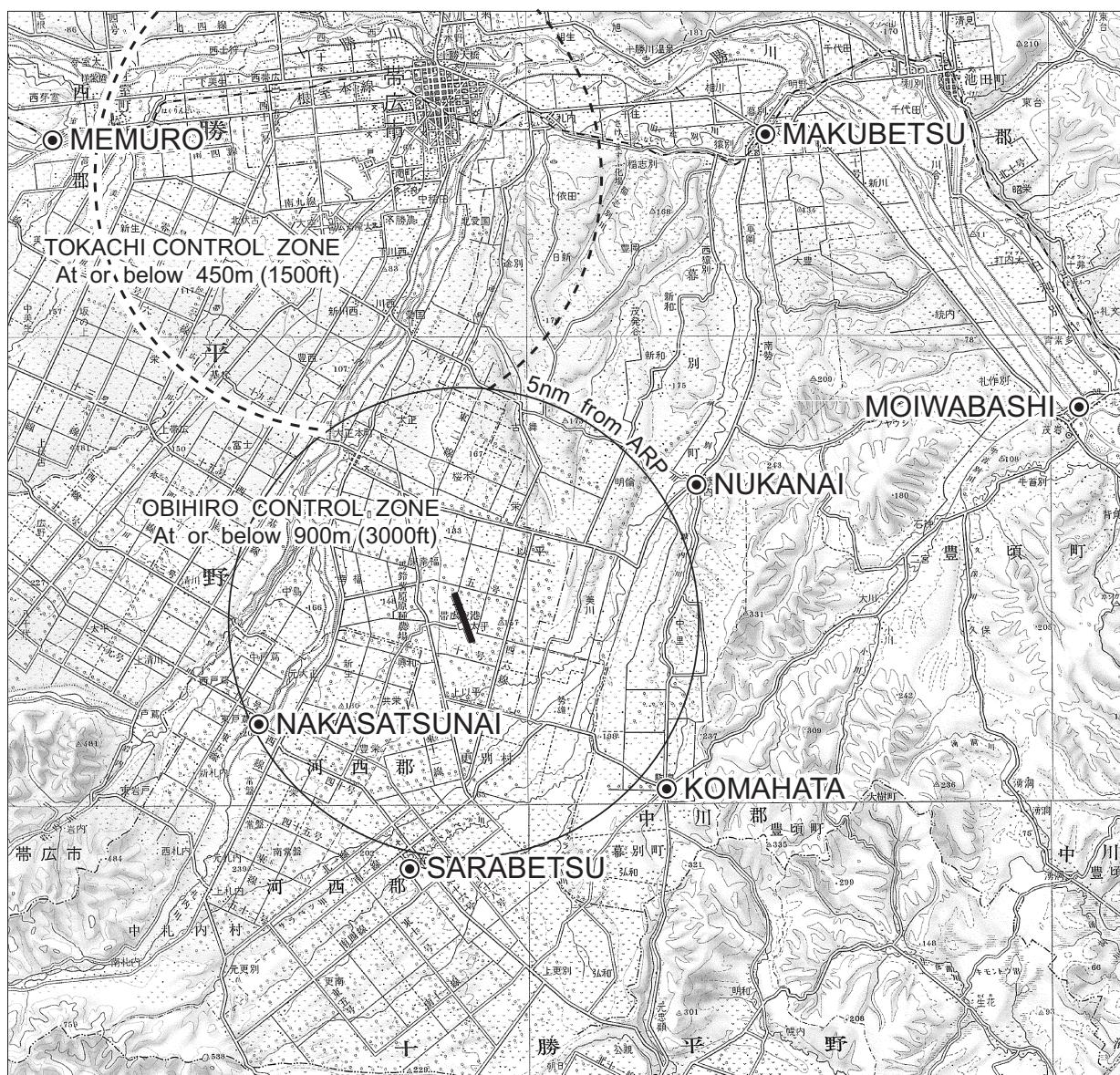
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/RDH (°/FT)	RNP Value
001	IF	TAIKI	—	—	-9.0	—	—	+5000	—	—	—
002	TF	CB750	—	337 (327.6)	-9.0	15.8	—	+4000	—	—	1.0
003	TF	HAPPY	—	336 (327.5)	-9.0	3.0	—	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		

RJCB / OBIHIRO

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

RJCB / OBIHIRO

Minimum Vectoring Altitude CHART

