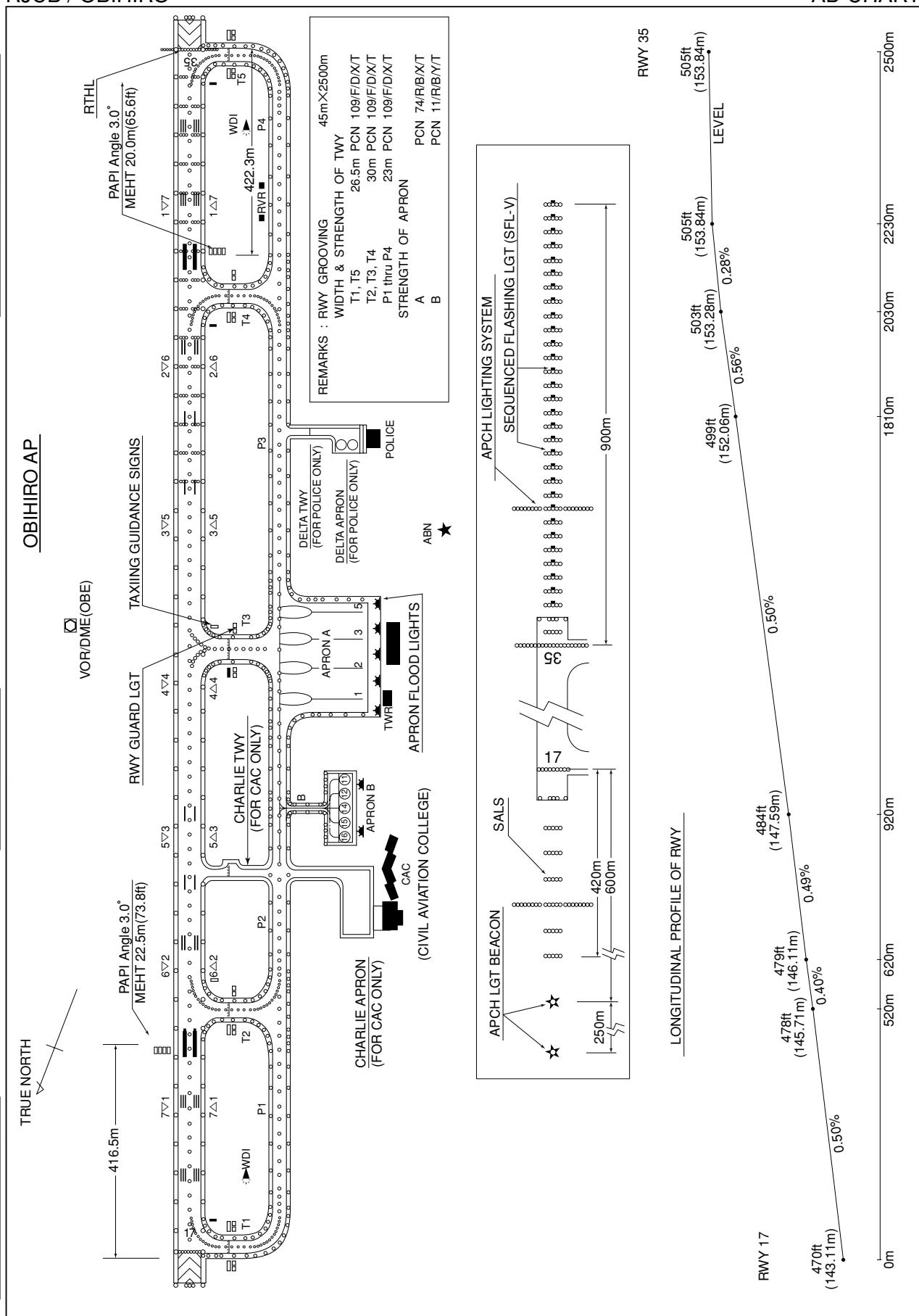


RJCB / OBIHIRO

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

→ SID

EATAK ONE DEPARTURE

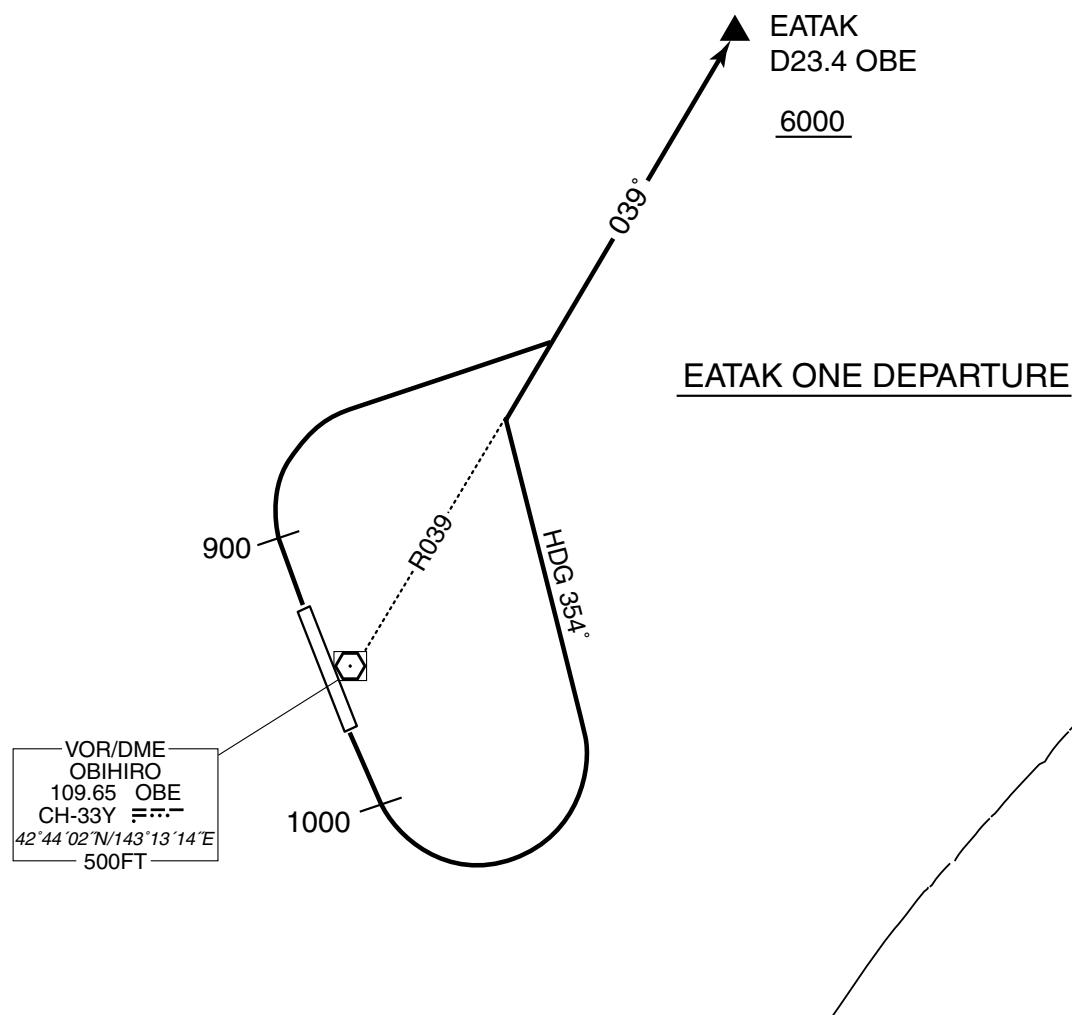
RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 354° to intercept and proceed...

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.

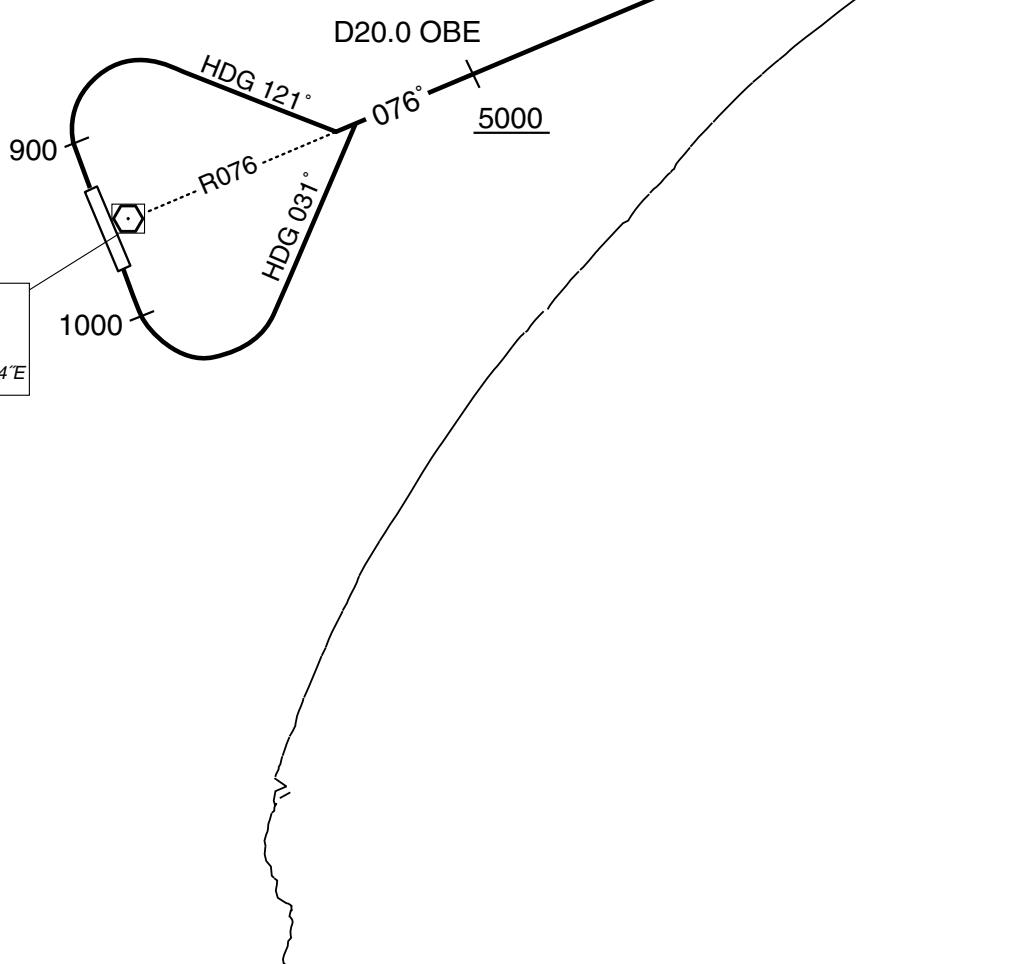
Cross OBE R076/20.0DME at or above 5000FT.

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

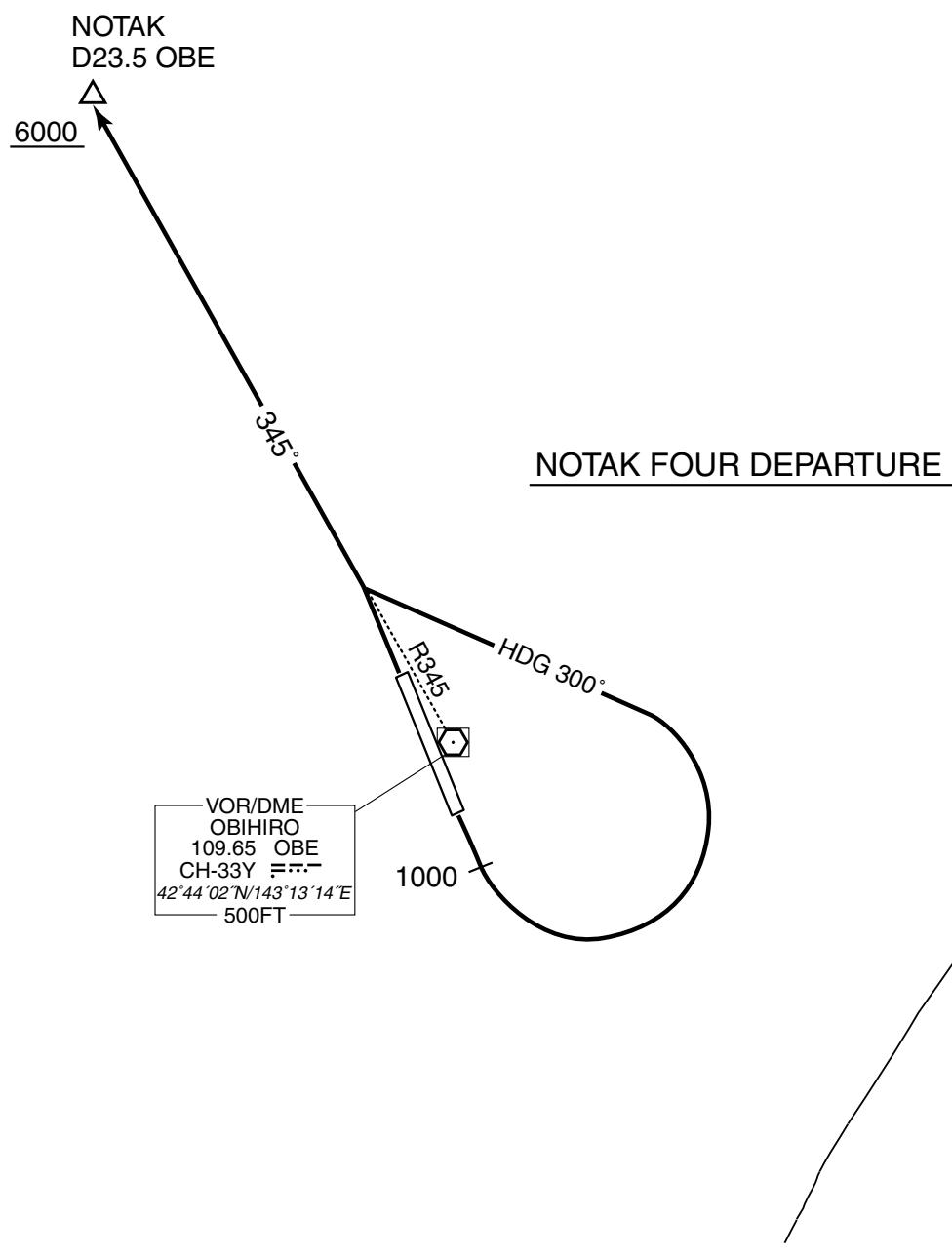
RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 300° to intercept and proceed...

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

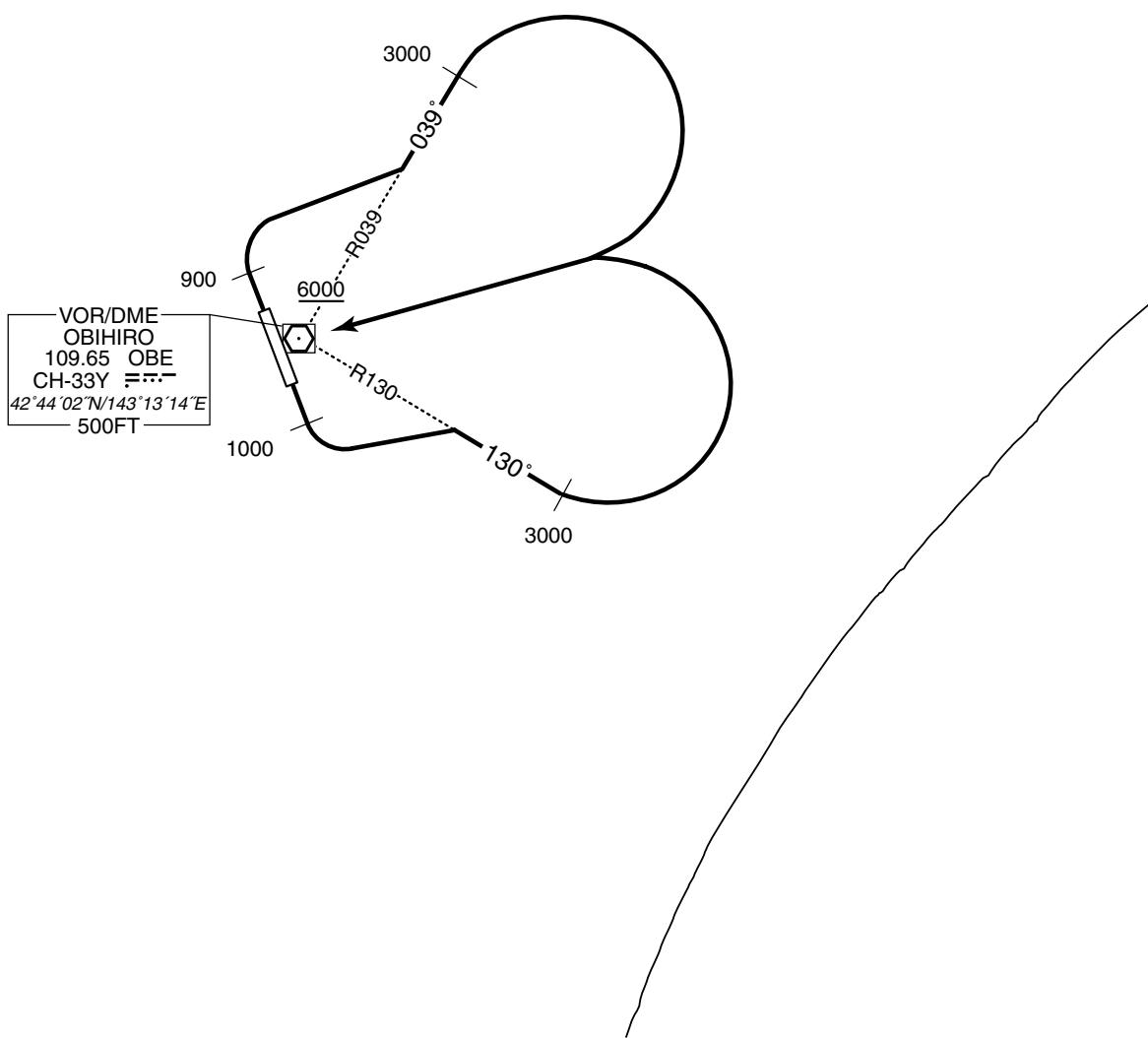
RWY 17 : Climb RWY HDG to 1000FT, turn left, via OBE R130 to 3000FT, turn left,...

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

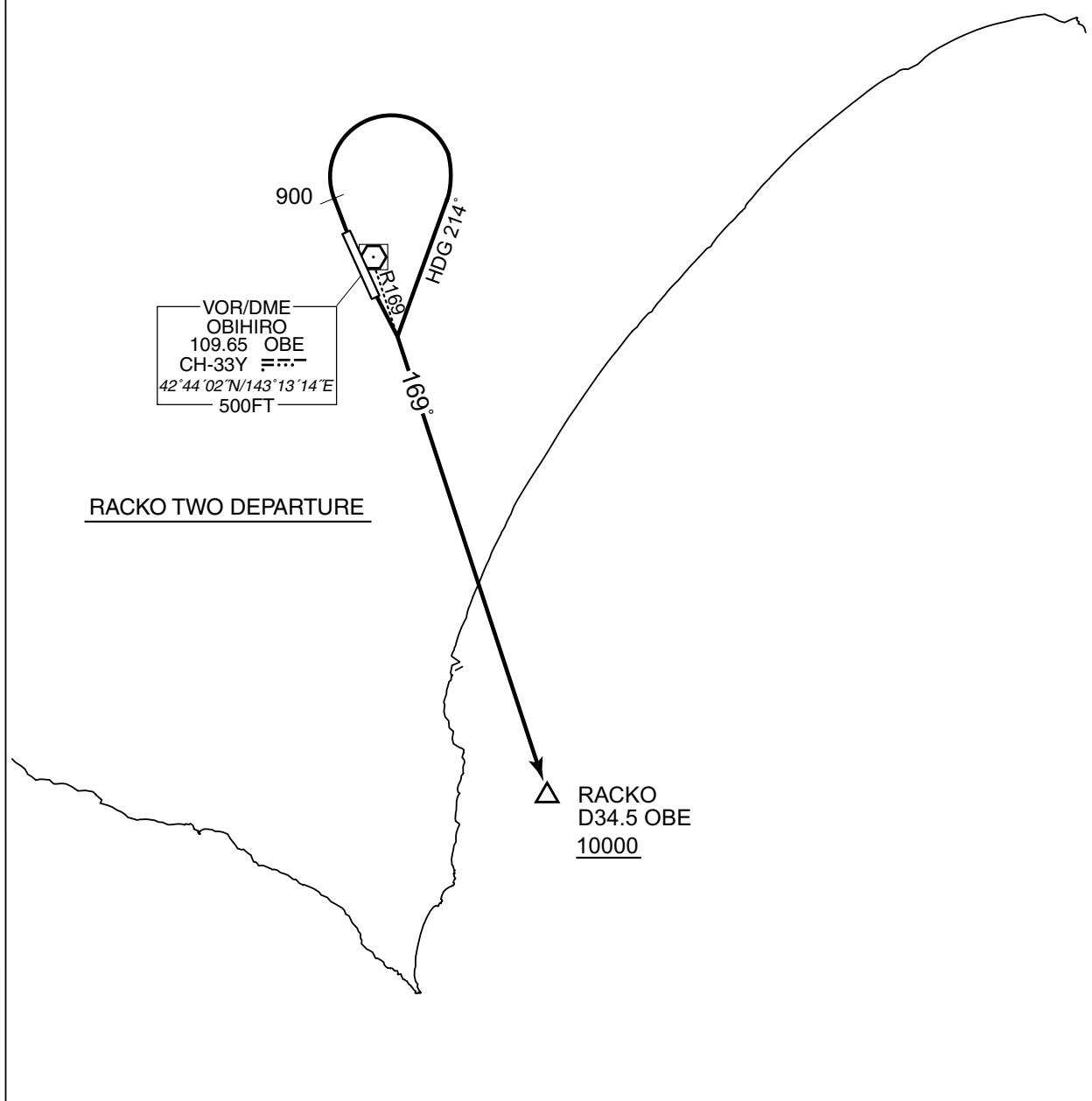
RACKO TWO DEPARTURE

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

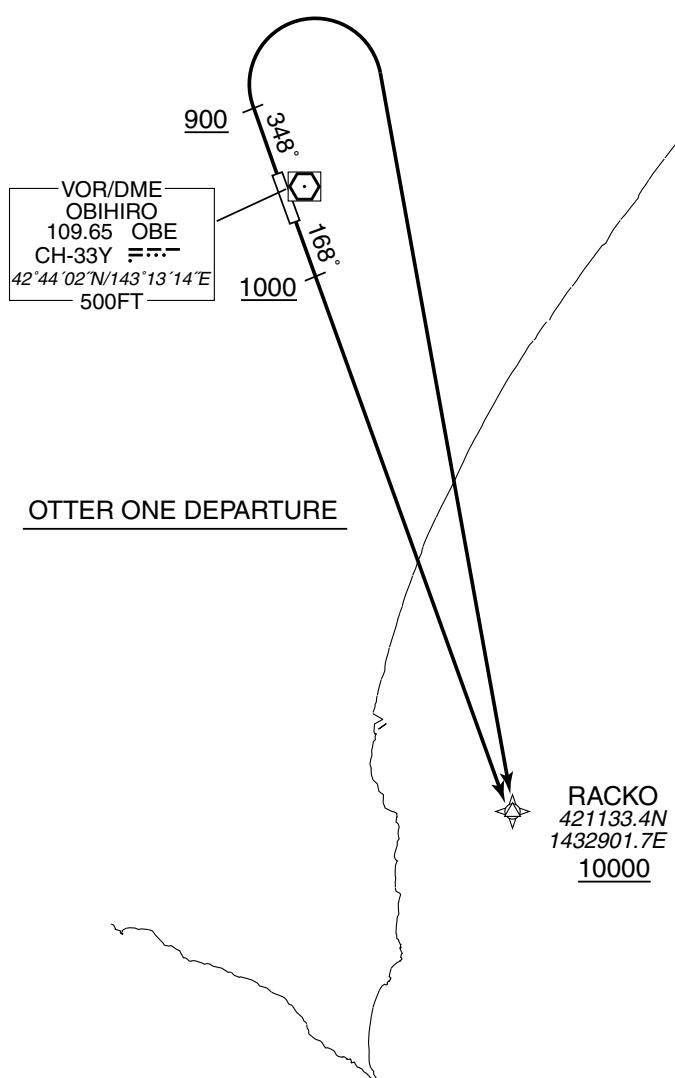
→ RNAV SID

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

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°

180° 340° 160° HDG348° 348° 348° 349° 349° 169° 169°

545 591 671 512 1086 650 1108 1578 784

MAPt(LOC) D0.6 IOB

360°

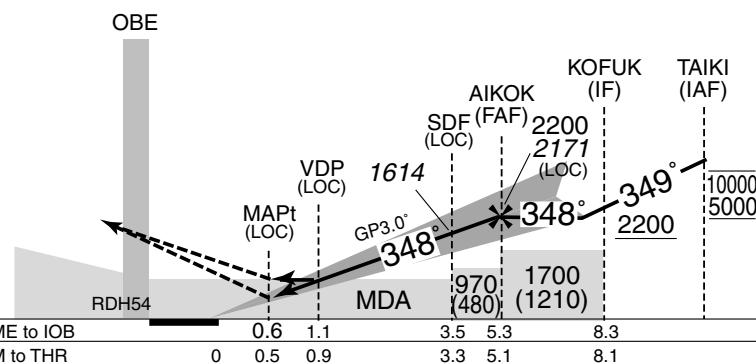
AIKOK(FAF) : $42^{\circ}38'37.96''N / 143^{\circ}15'48.05''E$

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

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

180°

10NM

EQPT REQUIRED
DME
VOR

1116

686

3573

6057

2910

1578

4915

2228

MHA 3000
MAX 230KIAS

545

591

597

MAPt(LOC)
D0.6 IOB

671

512

1086

.650

1053

.1099

AIKOK(FAF)
D5.3 IOB

784

1108

771

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

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

090°

160°

340°

HDG348°

270°

HDG220°

52°

348°

175°

348°

080°

AIKOK(FAF) : 423837.96N/1431548.05E

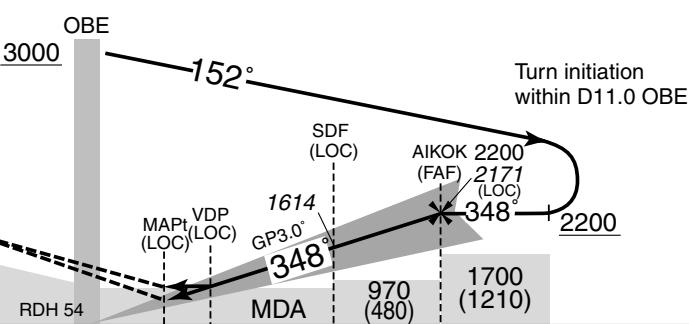
NM to IOB	MAPt	2	3	4	5	FAF
ALT (3 0° APCH Path)	-	1136	1455	1773	2092	2171

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 IOP 0.6DME

Timing not authorized for defining the MAPt



Missed ABCH climb gradient MNM 1.0%

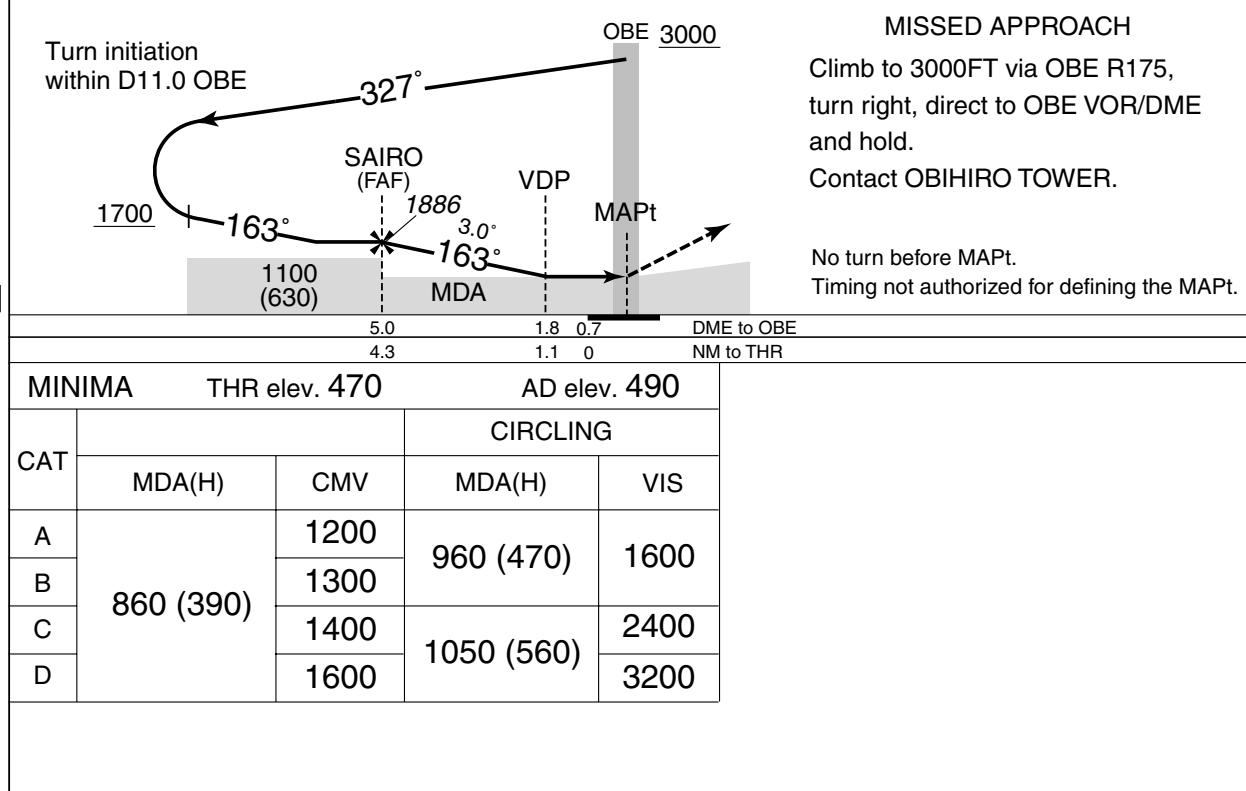
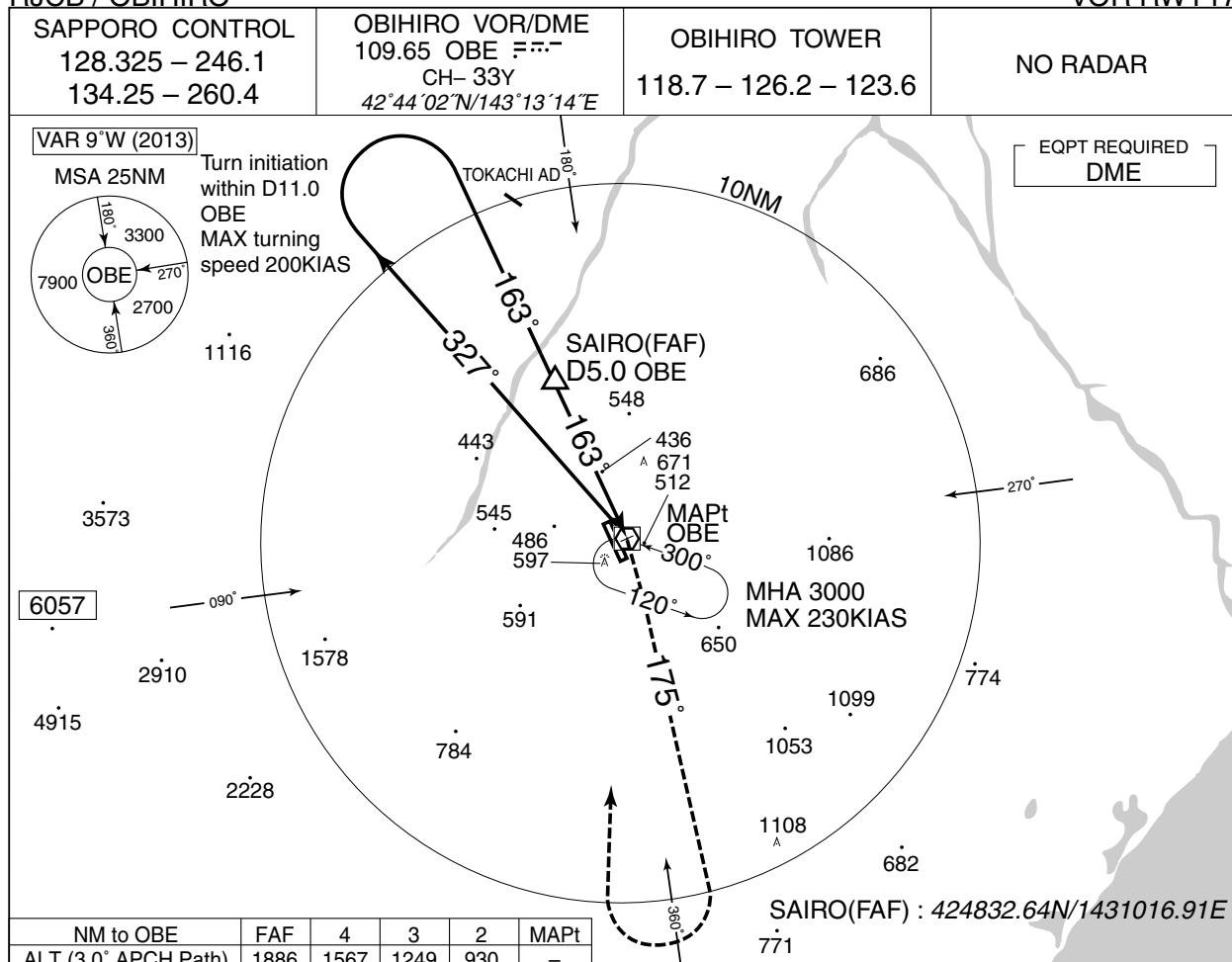
Missed APCH climb gradient MNM 4.0%						
MINIMA		THR elev. 505		AD elev. 490		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	705 (200)	550	840 (350)	900	960 (470)	1600
B				1000		2400
C				1050 (560)	3200	
D						

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

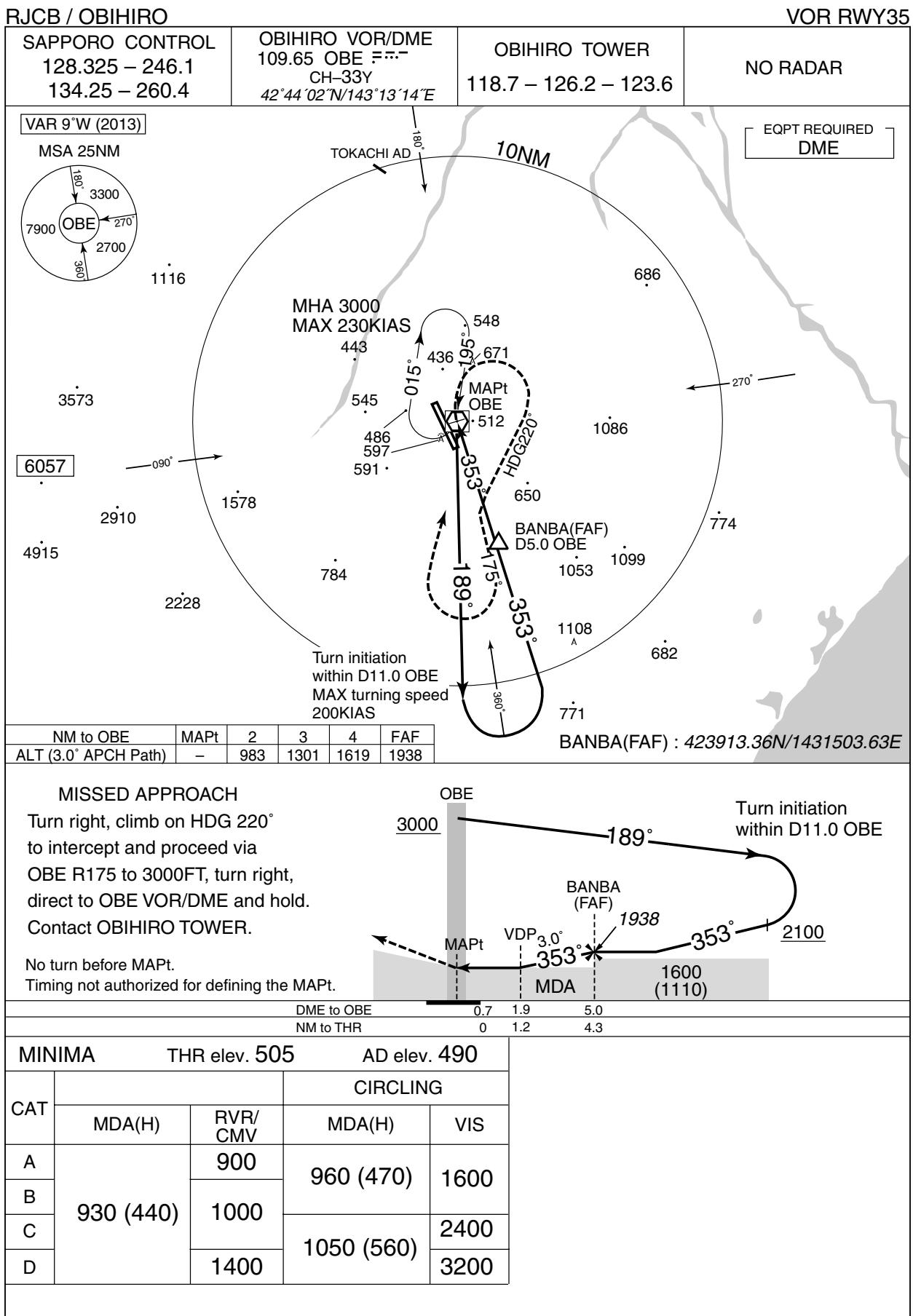
INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

VOR RWY17



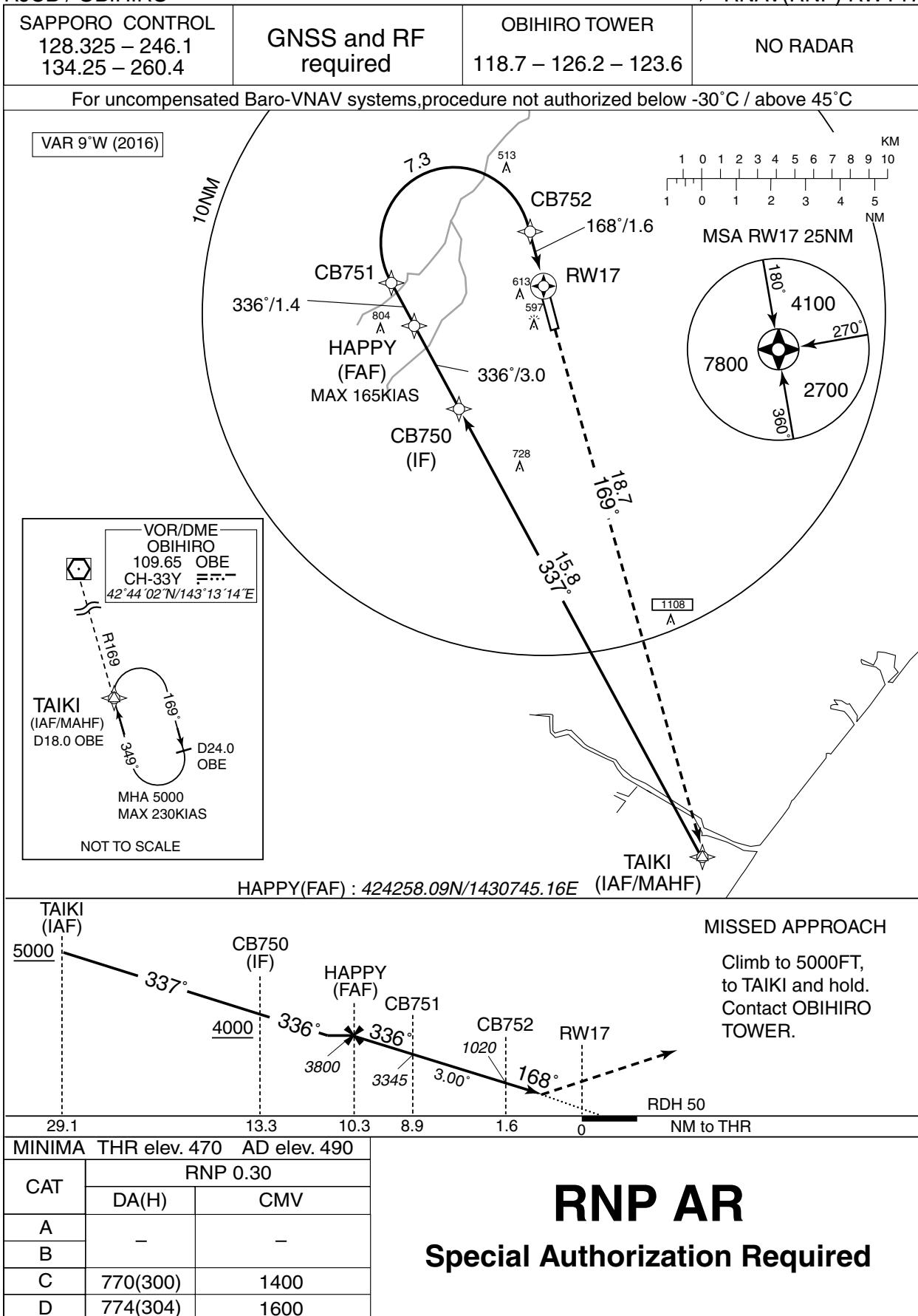
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

→ RNAV(RNP) RWY17



INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

→ RNAV(RNP) RWY17

RNAV(RNP) RWY17Coding Table

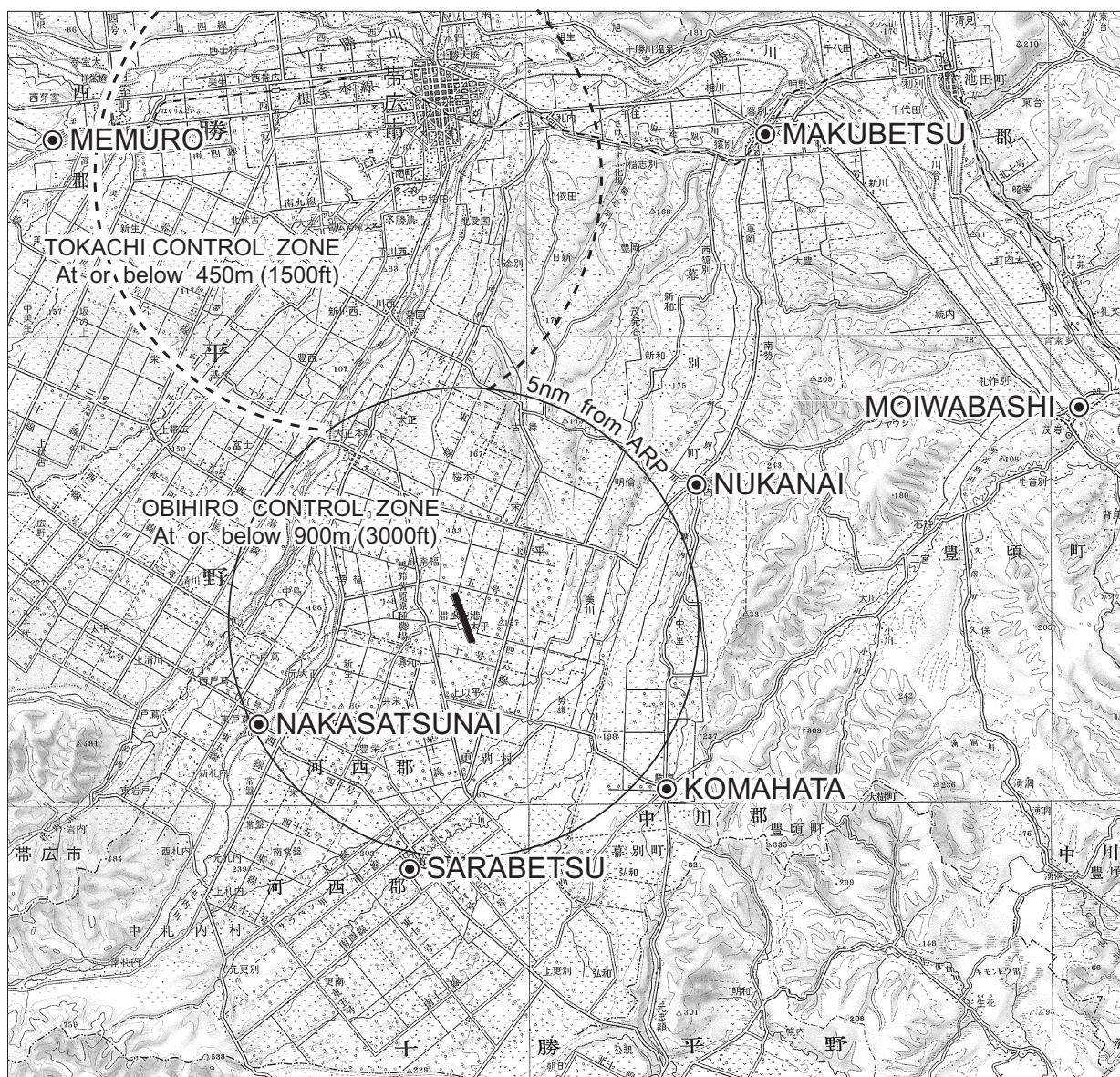
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	TAIKI	—	—	-9.0	—	—	+5000	—	—	—
002	TF	CB750	—	337 (327.6)	-9.0	15.8	—	+4000	—	—	1.0
003	TF	HAPPY	—	336 (327.5)	-9.0	3.0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

