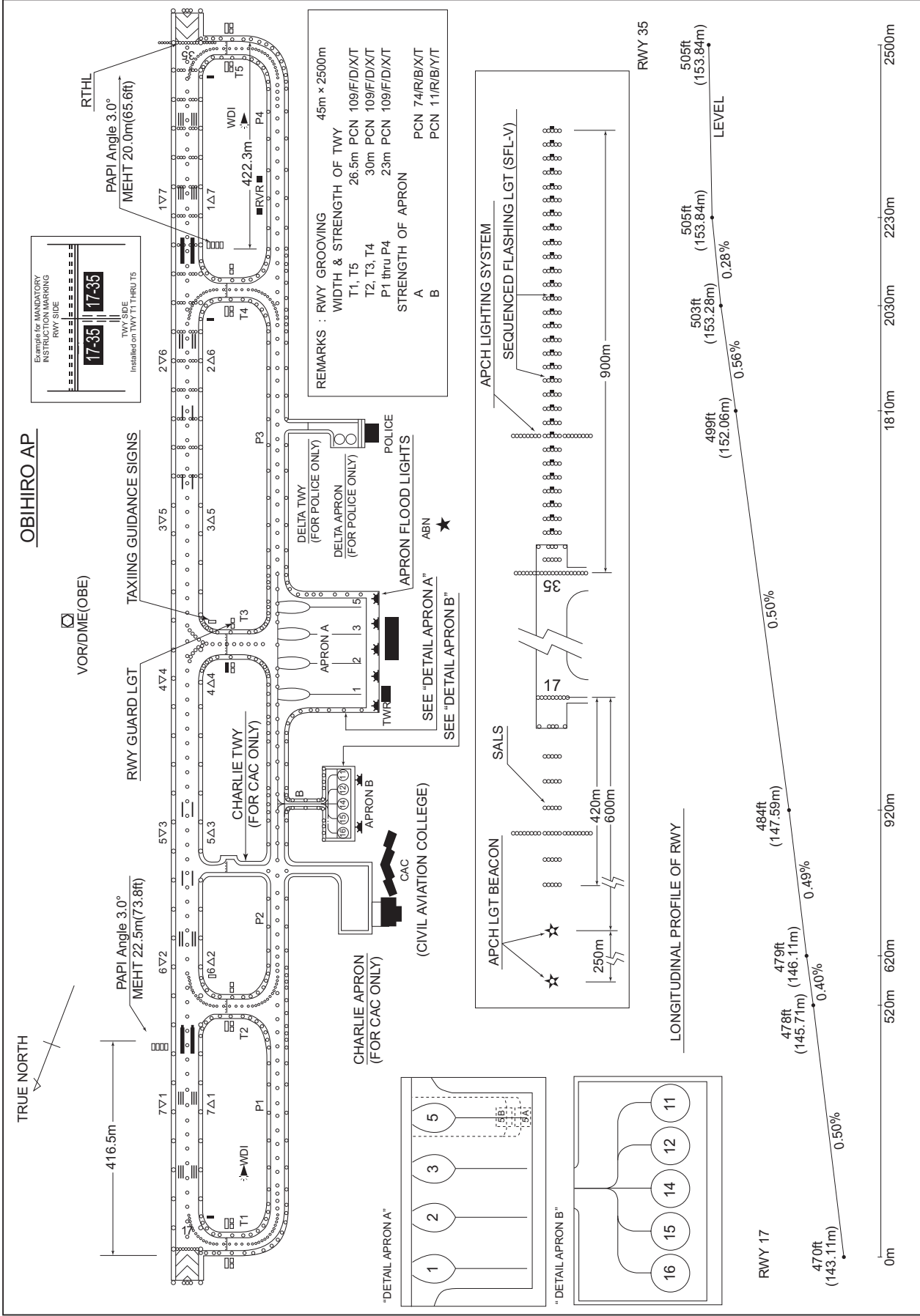


RJCB / OBIHIRO

AD CHART

CHANGE : MANDATORY INSTRUCTION MARKING added.



STANDARD DEPARTURE CHART-INSTRUMENT

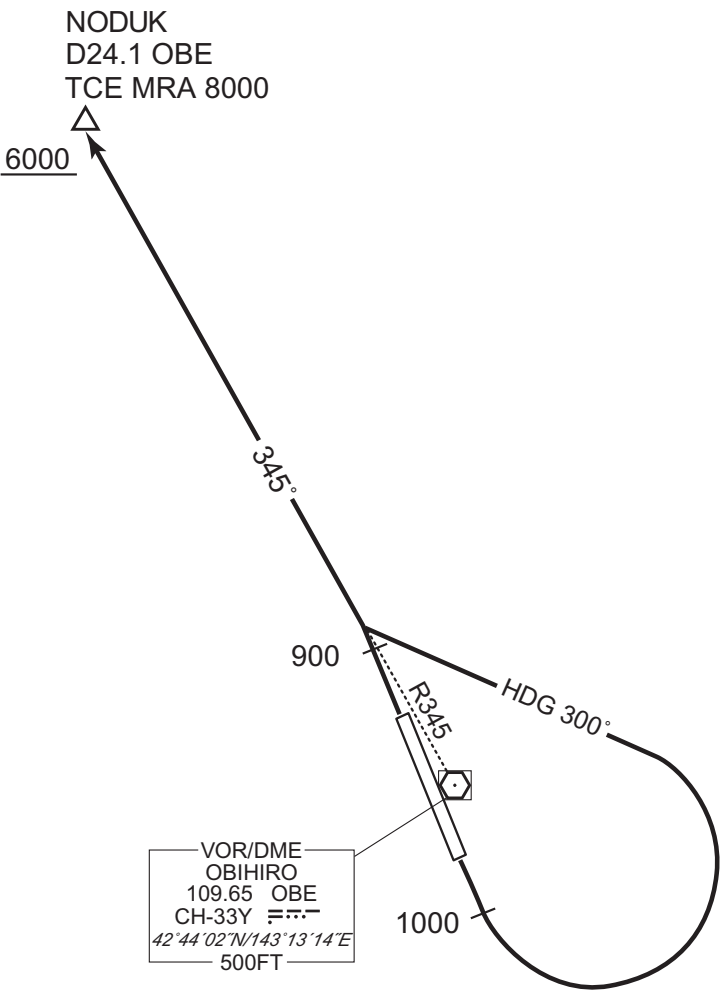
RJCB / OBIHIRO

SID

NODUK ONE DEPARTURE

RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 300° to intercept and proceed...  
RWY 35 : Climb RWY HDG to 900FT, ...  
...via OBE R345 to NODUK.  
Cross NODUK at or above 6000FT.

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



CHANGE : New PROC.

## STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

KUSHIRO FIVE DEPARTURE

RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 030° to intercept and proceed...

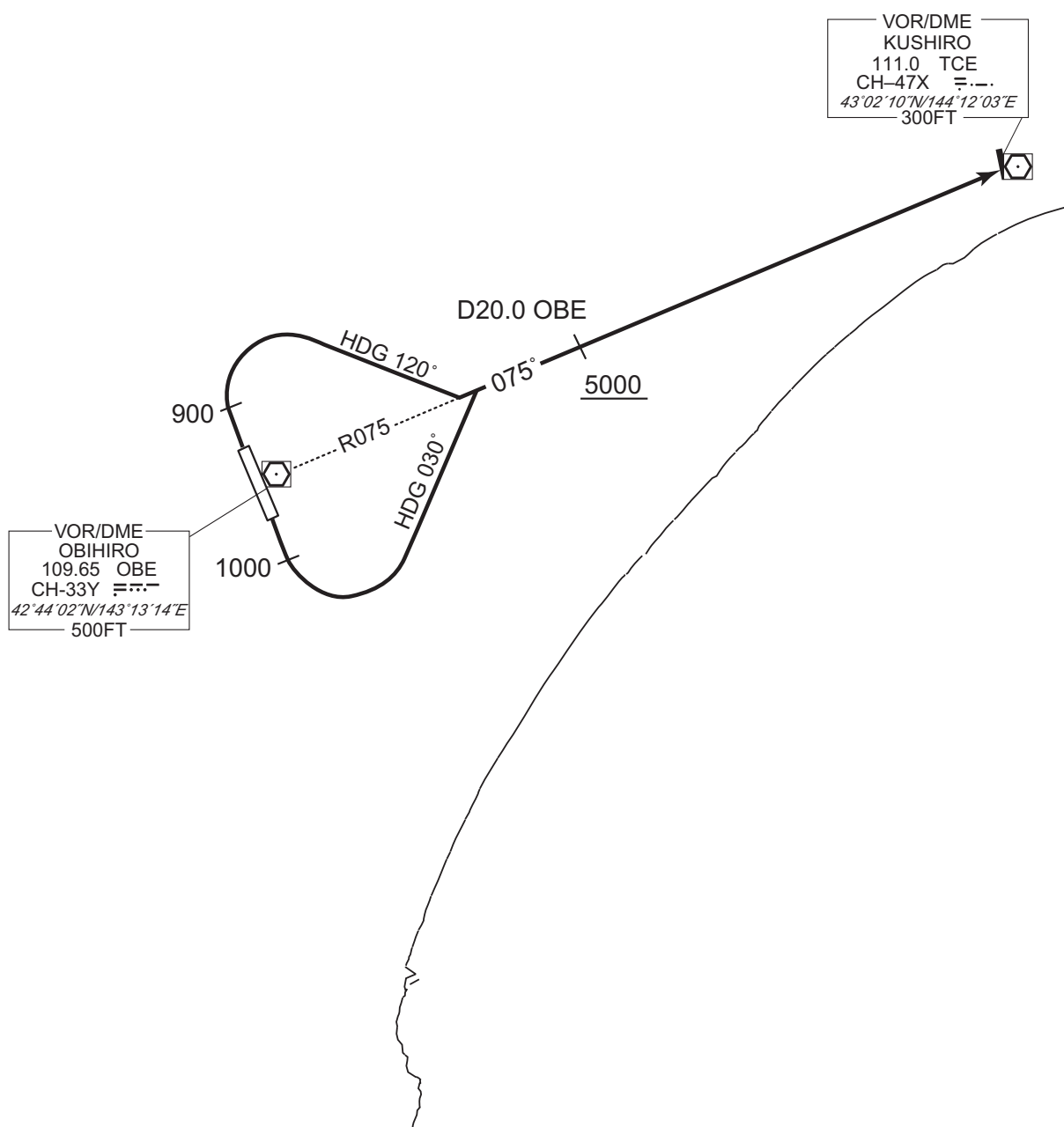
RWY 35 : Climb RWY HDG to 900FT, turn right HDG 120° to intercept and proceed...

...via OBE R075 to TCE VOR/DME.

Cross OBE R075/20.0DME at or above 5000FT.

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

CHANGE : PROC renamed. PROC course. KUSHIRO VOR/DME(KSE → TCE).



STANDARD DEPARTURE CHART-INSTRUMENT

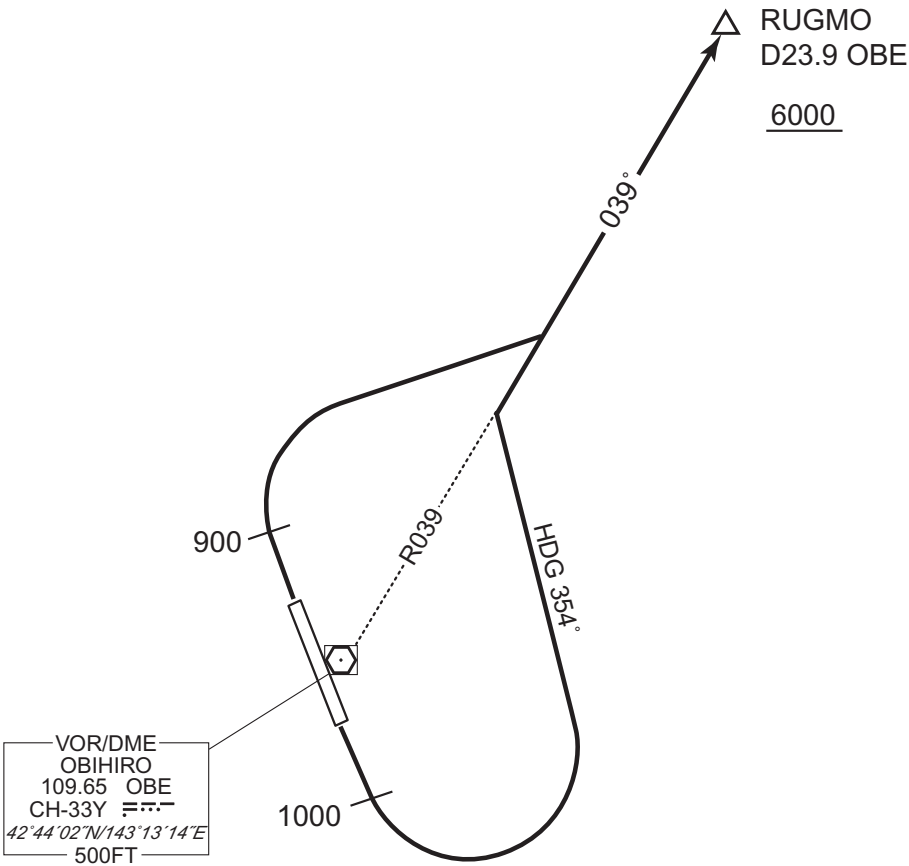
RJCB / OBIHIRO

SID

RUGMO 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 RUGMO.  
Cross RUGMO at or above 6000FT.

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



CHANGE : New PROC.

## STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

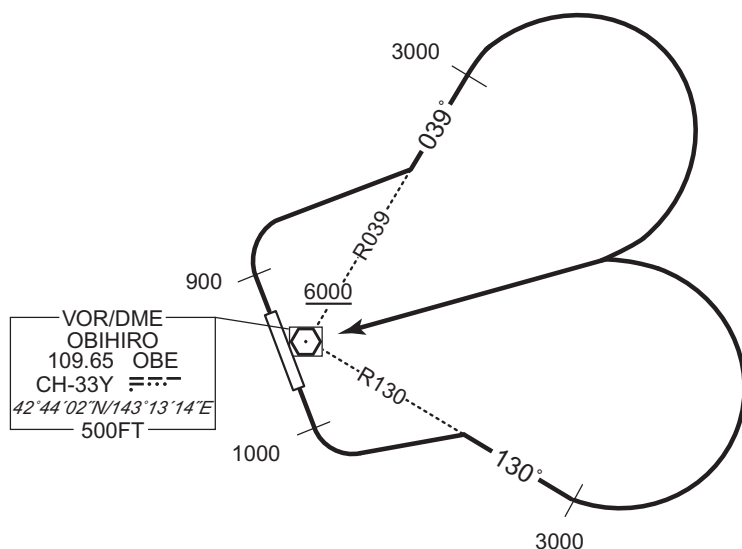
OBIHIRO REVERSAL SEVEN DEPARTURE

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.



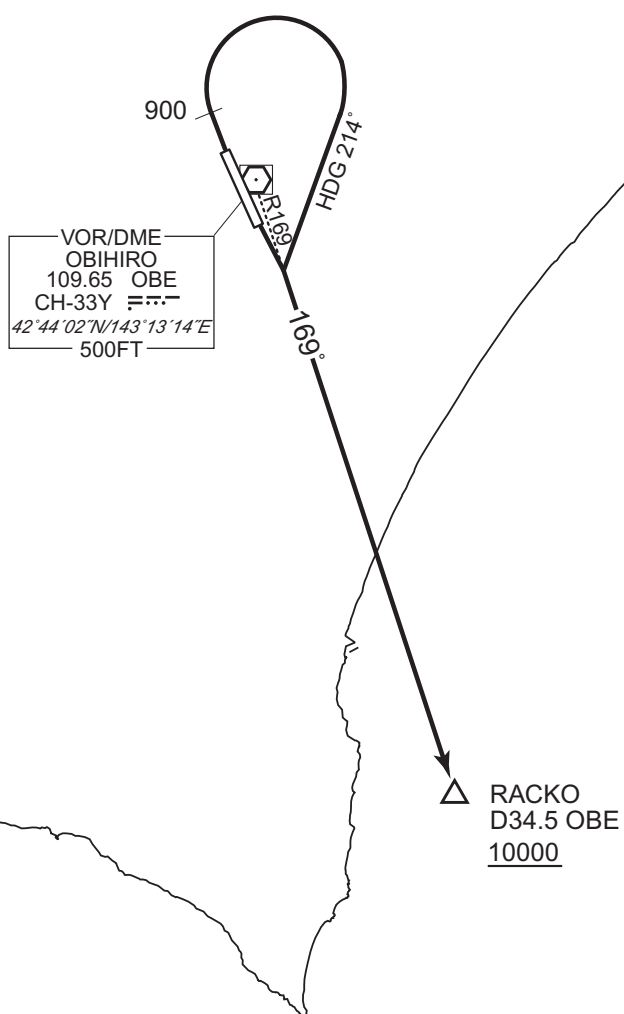
CHANGE : Description of PROC name.

## RJCB / OBIHIRO

SID

## RWY 17 : Climb...

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



CHANGE : Description of PROC name.

## STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

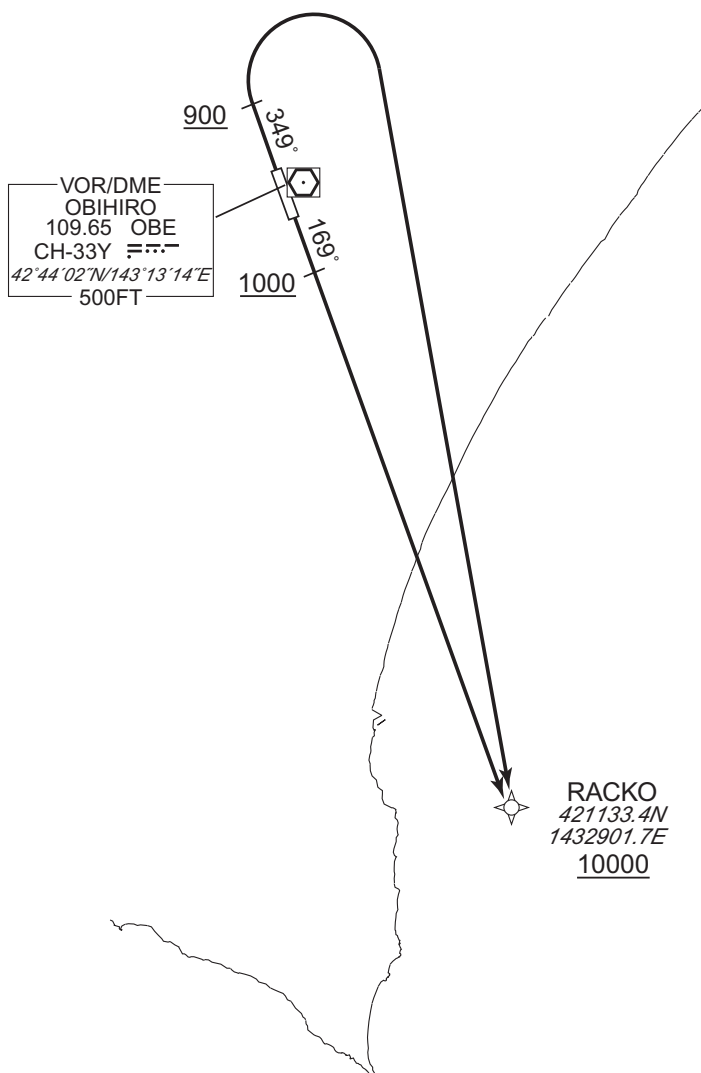
RNAV SID

## OTTER TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 9°W



RWY17 : Climb on HDG169° at or above 1000FT, direct to RACKO at or above 10000FT.

RWY35 : Climb on HDG349° at or above 900FT, turn right direct to RACKO at or above 10000FT.

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

CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART-INSTRUMENT

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              | —                   | —        | 169<br>(159.4) | -9.4               | —             | —              | +1000         | —            | —              | Basic RNP1               |
| 002           | DF              | RACKO               | —        | —              | -9.4               | —             | —              | +10000        | —            | —              | Basic RNP1               |

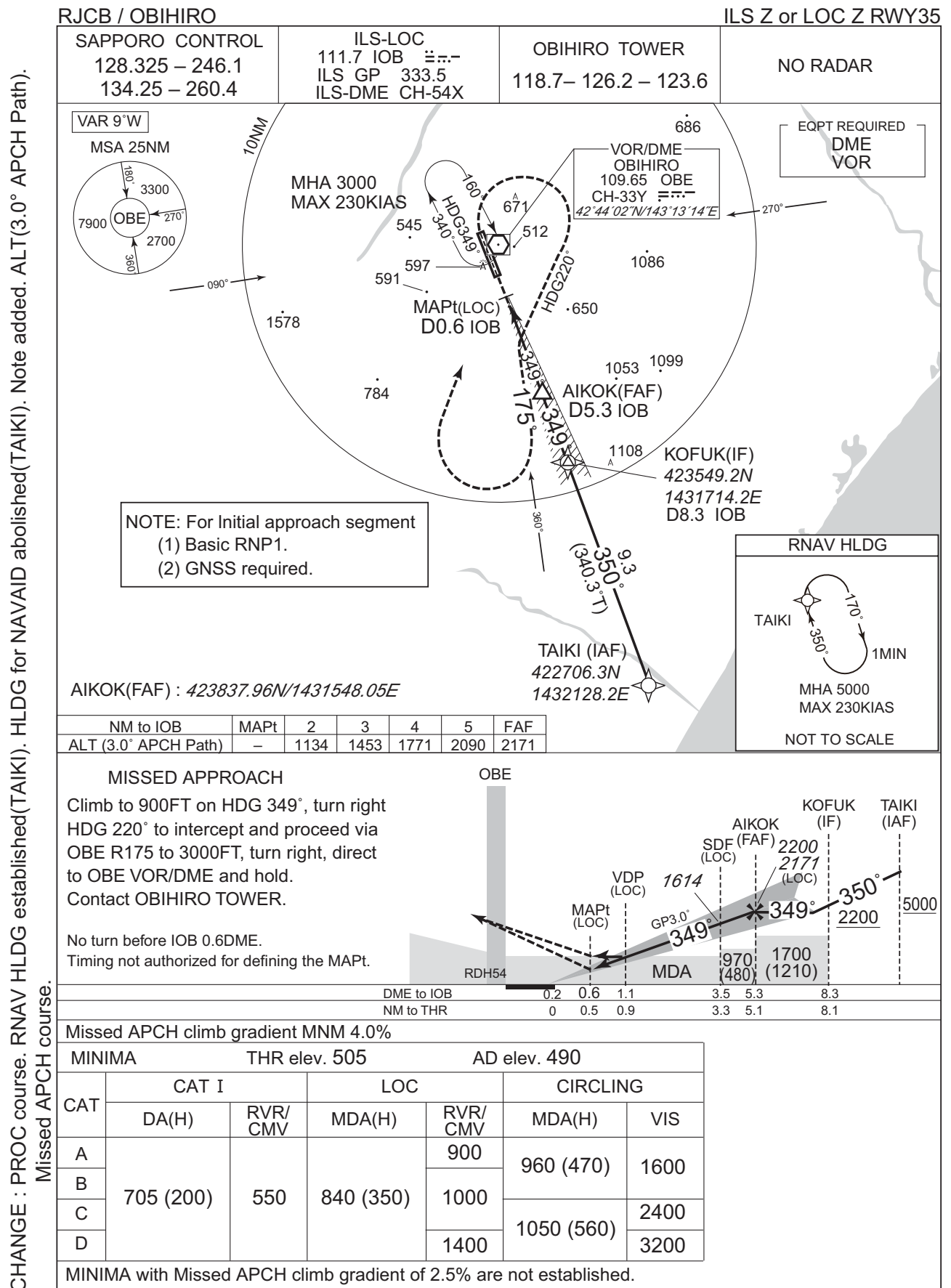
RWY35

| 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              | —                   | —        | 349<br>(339.4) | -9.4               | —             | —              | +900          | —            | —              | Basic RNP1               |
| 002           | DF              | RACKO               | —        | —              | -9.4               | —             | R              | +10000        | —            | —              | Basic RNP1               |

CHANGE : PROC renamed. PROC course. VAR.



## INSTRUMENT APPROACH CHART



## RJCB / OBIHIRO

ILS Y or LOC Y RWY35

AIKOK(FAF) : 423837.96N/1431548.05E

Climb to 900FT on HDG 349°, 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.

The diagram illustrates a nonprecision approach path for Runway 18R at Kona International Airport. Key features include:

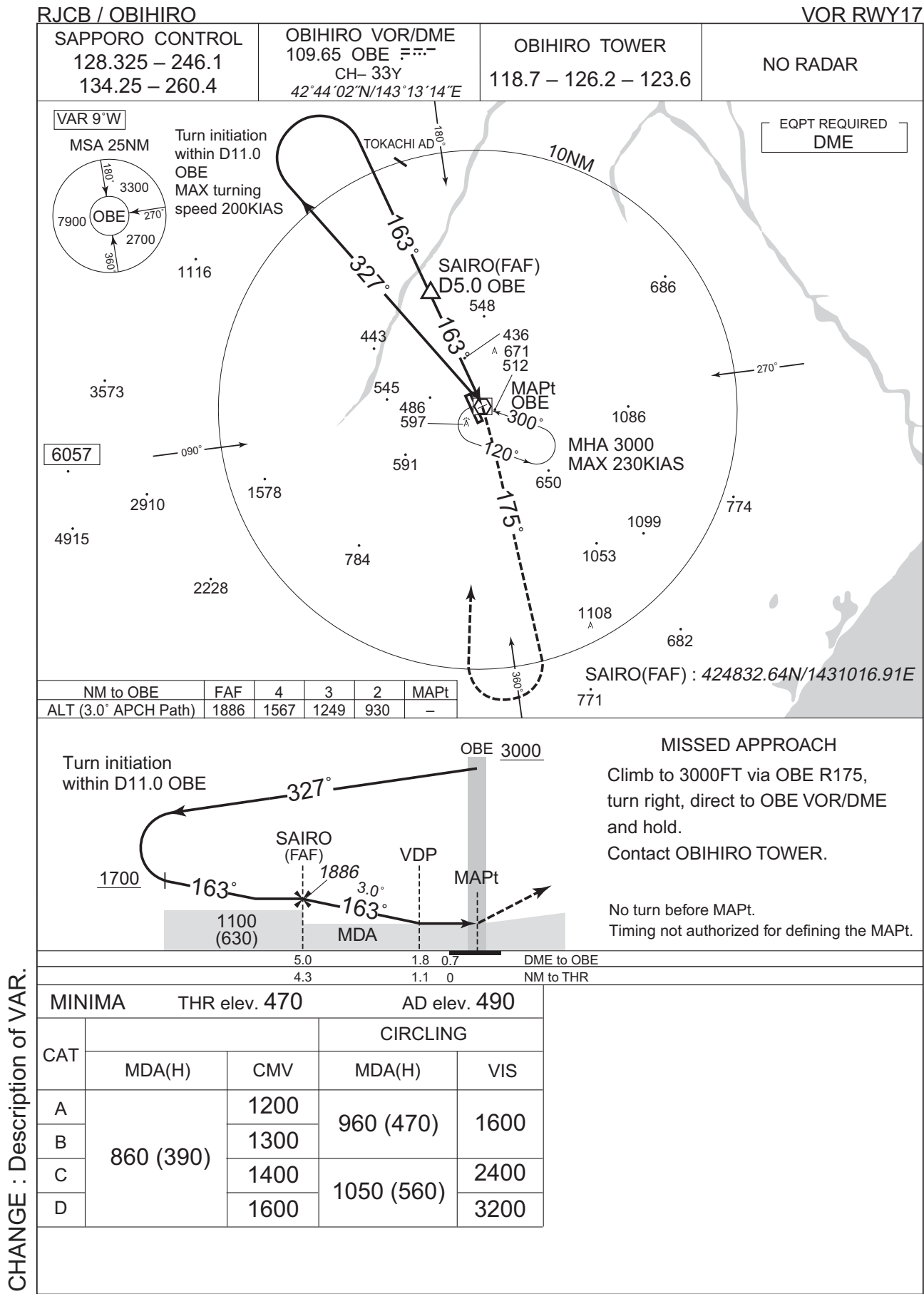
- Obstacle Clearance:** A 152° turn initiation within D11.0 OBE (Obstacle Clearance Height) is shown.
- Altitude Markers:**
  - 3000 (OBH)
  - 1700 (1210) (MDA)
  - 970 (480) (MDA)
- Distance Markers:**
  - RDH 54
  - 0.2, 0.6, 1.1, 3.5, 5.3 (Miles)
  - 0, 0.5, 0.9, 3.3, 5.1 (Nautical Miles)
- Navigation Aids:**
  - VDP (Visual Descent Point)
  - MAPt (Missed Approach Point)
  - SDF (LOC) (Standard Deviation from Line of Centerline)
  - AIKOK 2200 (FAF) (Final Approach Fix)
  - GP 3.0° (Glide Path)
- Turn Angles:** 152°, 1614, 349°, 349°.

Missed APCH climb gradient MNM 4.0%

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

CHANGE : PROC course. Missed APCH course. ALT(3.0° APCH Path).

INSTRUMENT APPROACH CHART



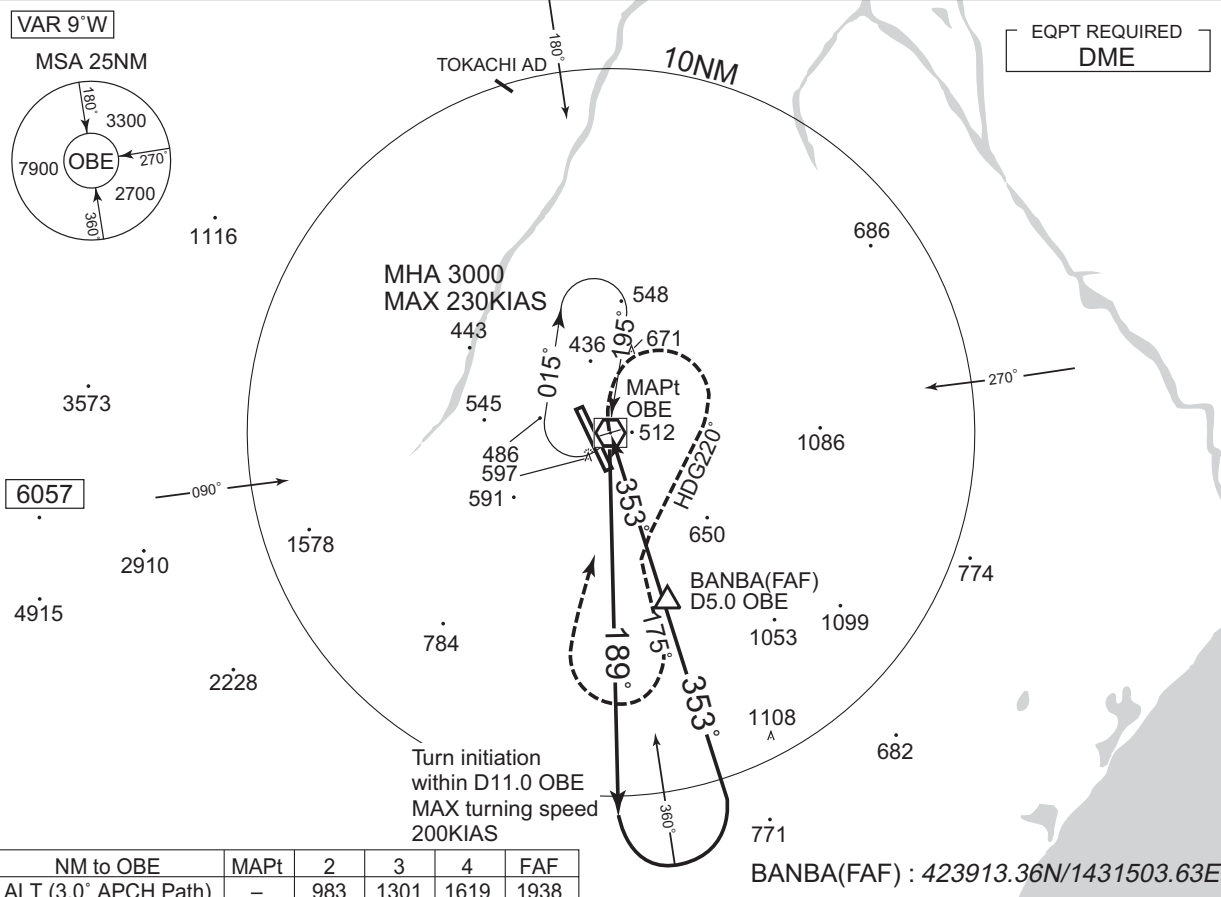
## RJCB / OBIHIRO

SAPPORO CONTROL  
128.325 – 246.1  
134.25 – 260.4

OBIHIRO VOR/DME  
109.65 OBE 7.3.7  
CH-33Y  
42°44'02"N/143°13'14"E

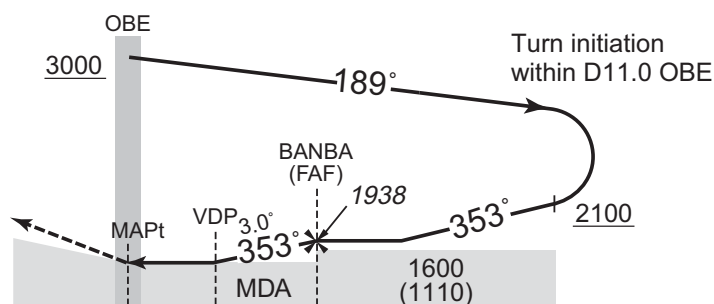
OBIHIRO TOWER  
118.7 – 126.2 – 123.6

NO RADAR



Turn right, climb on 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 MAPt.  
Timing not authorized for defining the MAPt.



|            |     |     |     |
|------------|-----|-----|-----|
| DME to OBE | 0.7 | 1.9 | 5.0 |
| NM to THR  | 0   | 1.2 | 4.3 |

| MINIMA |           | THR elev. 505 | AD elev. 490 |      |
|--------|-----------|---------------|--------------|------|
| CAT    |           |               | CIRCLING     |      |
|        | MDA(H)    | RVR/<br>CMV   | MDA(H)       | VIS  |
| A      | 930 (440) | 900           | 960 (470)    | 1600 |
| B      |           | 1000          |              |      |
| C      |           |               | 1050 (560)   | 2400 |
| D      |           |               |              | 1400 |

CHANGE : Description of VAR.

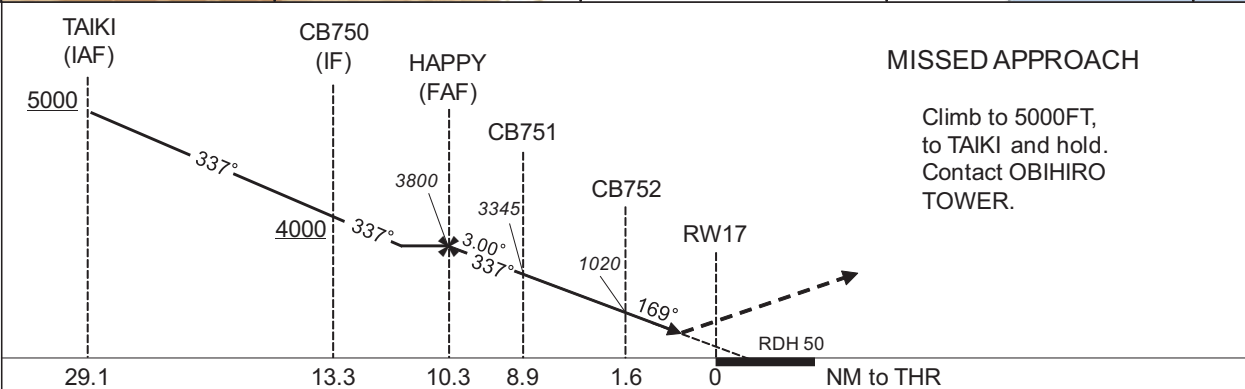
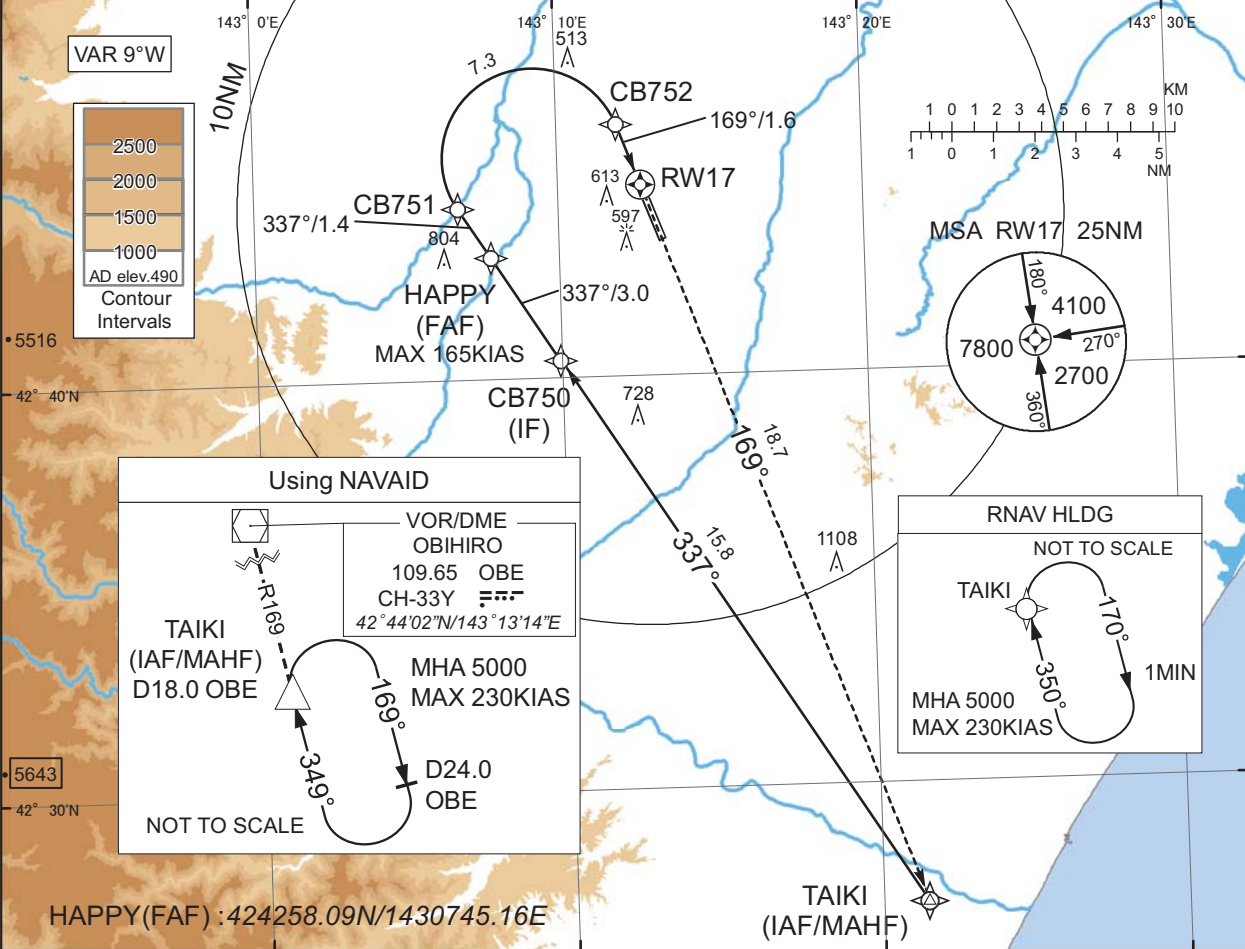
INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

RNP RWY17(AR)

|  |                       |  |          |
|--|-----------------------|--|----------|
| SAPPORO CONTROL<br>128.325 - 246.1<br>134.25 - 260.4 | RNP AR<br>RF required | OBIHIRO TOWER<br>118.7 - 126.2 - 123.6 | NO RADAR |
|--|-----------------------|--|----------|

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



| MINIMA | THR elev. 470 | AD elev. 490 |
|--------|---------------|--------------|
| CAT    | RNP 0.30      |              |
| A      | DA(H)         | CMV          |
| B      | -             | -            |
| C      | 770(300)      | 1400         |
| D      | 774(304)      | 1600         |

Authorization Required

## INSTRUMENT APPROACH CHART

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<br>(327.6) | -9.4               | 15.8          | -              | +4000         | -            | -               | 1.0       |
| 003           | TF                                 | HAPPY               | -        | 337<br>(327.5) | -9.4               | 3.0           | -              | 3800          | -165         | -               | 1.0       |
| 004           | TF                                 | CB751               | -        | 337<br>(327.4) | -9.4               | 1.4           | -              | 3345          | -            | -3.00           | 0.3       |
| 005           | RF<br>Center:<br>CBRF1<br>r=2.18NM | CB752               | -        | -              | -9.4               | 7.3           | R              | 1020          | -            | -3.00           | 0.3       |
| 006           | TF                                 | RW17                | Y        | 169<br>(159.4) | -9.4               | 1.6           | -              | 520           | -            | -3.00/50        | 0.3       |
| 007           | TF                                 | TAIKI               | -        | 169<br>(159.8) | -9.4               | 18.7          | -              | 5000          | -            | -               | 1.0       |

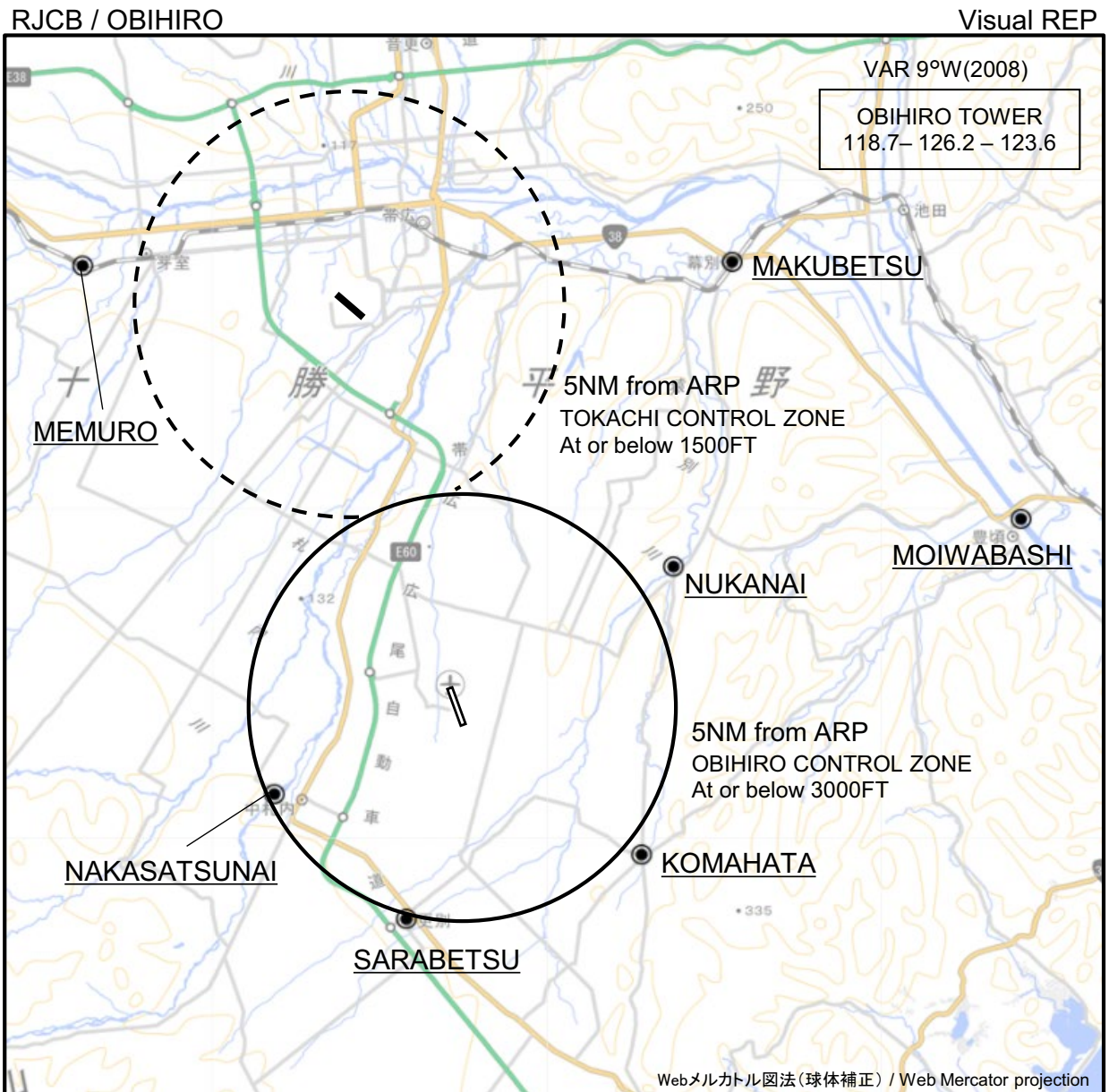
| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS)     | RNP Value |
|------|---------------------|-----------------------|--------------------|---------------------|----------------|-----------------------|-----------------------|------------------|-----------|
| Hold | TAIKI               | 350<br>(340.3)        | -9.4               | 1.0 (-14000)        | R              | 5000                  | FL140                 | -230<br>(-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 |                          |                          |

CHANGE : VAR. PROC course. RNAV HLDG established.





※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).

CHANGE : Map updated. BRG/DIST from ARP.

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

RJCB / OBIHIRO

Minimum Vectoring Altitude CHART

CHANGE : Bearing FM KSE deleted.

