

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 | 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, 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 | 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(domestic)} , E, C, W _E , W _F , W _G , W _I , 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)* *For detail, ask airport administrator | | RWY GROOVING : 2500mx45m |

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 | 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 | WDI LGT |

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 | |

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/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

Prior permission is required for all transient aircraft due to parking congestion except scheduled and/or emergency flight.
Tel: Hokkaido Airports Co.,Ltd. Obihiro Airport Office. 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**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)

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RJCB / OBIHIRO

AD CHART

CHANGE : MANDATORY INSTRUCTION MARKING added.



STANDARD DEPARTURE CHART-INSTRUMENT

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.

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



CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

KUSHIRO SIX DEPARTURE

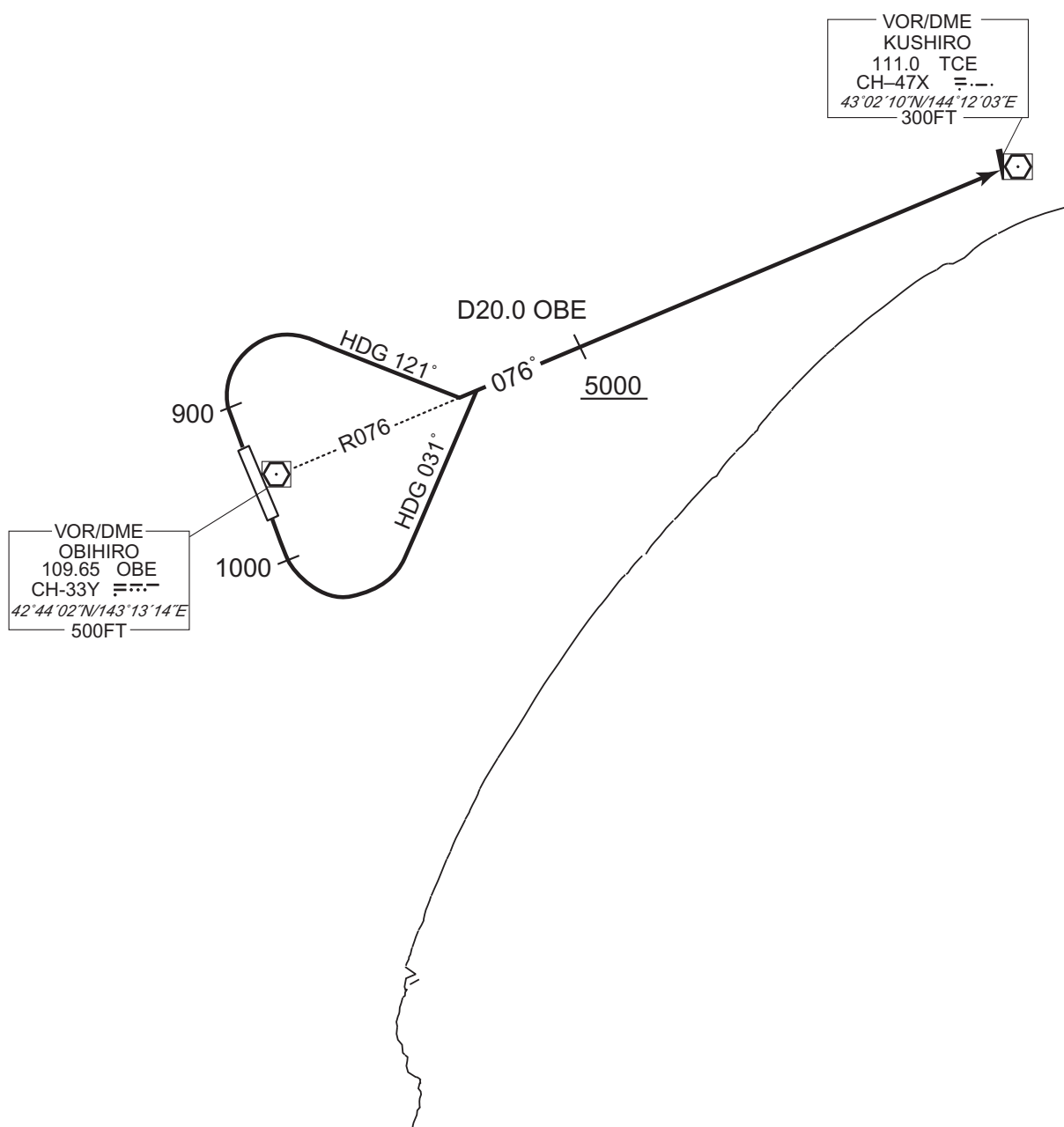
RWY 17 : Climb RWY HDG to 1000FT, turn left HDG 031° to intercept and proceed...

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.

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



CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART-INSTRUMENT

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.

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

CHANGE : PROC renamed. PROC course.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

SID

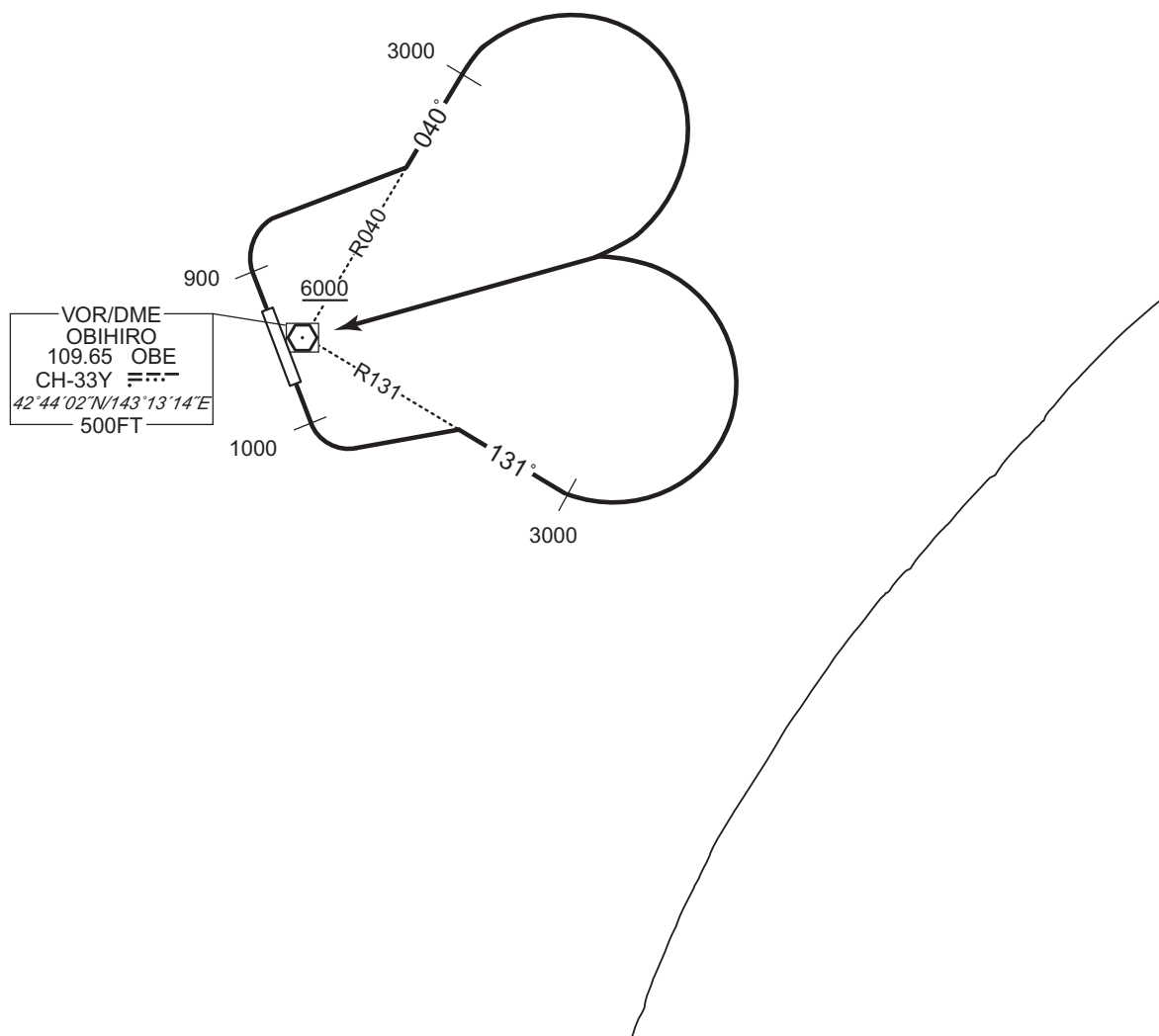
OBIHIRO REVERSAL EIGHT DEPARTURE

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.

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



CHANGE : PROC renamed. PROC course.

STANDARD DEPARTURE CHART-INSTRUMENT

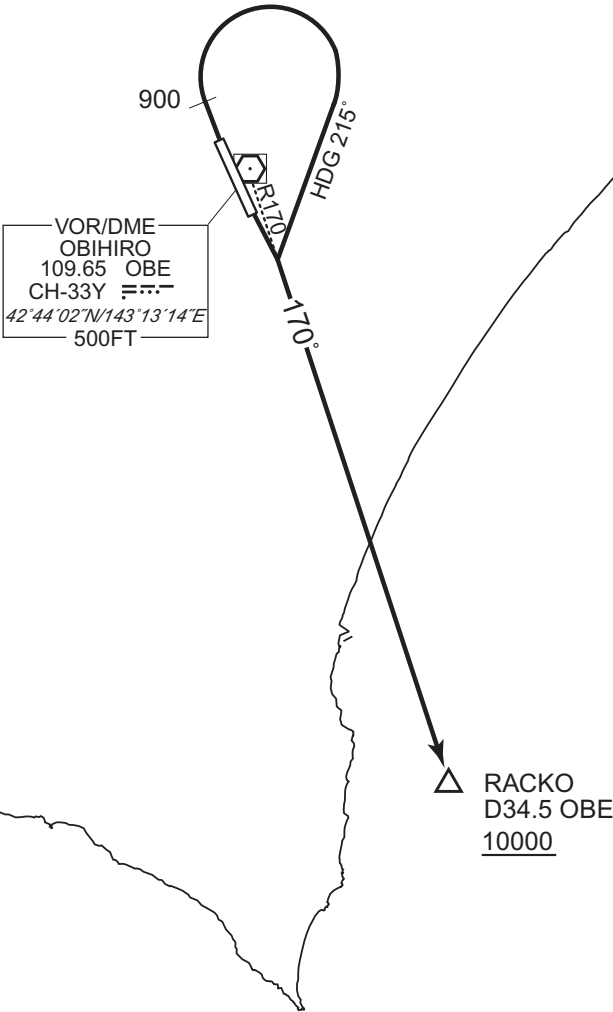
RJCB / OBIHIRO SID

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.

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

CHANGE : PROC renamed. PROC course.



STANDARD DEPARTURE CHART-INSTRUMENT

RJCB / OBIHIRO

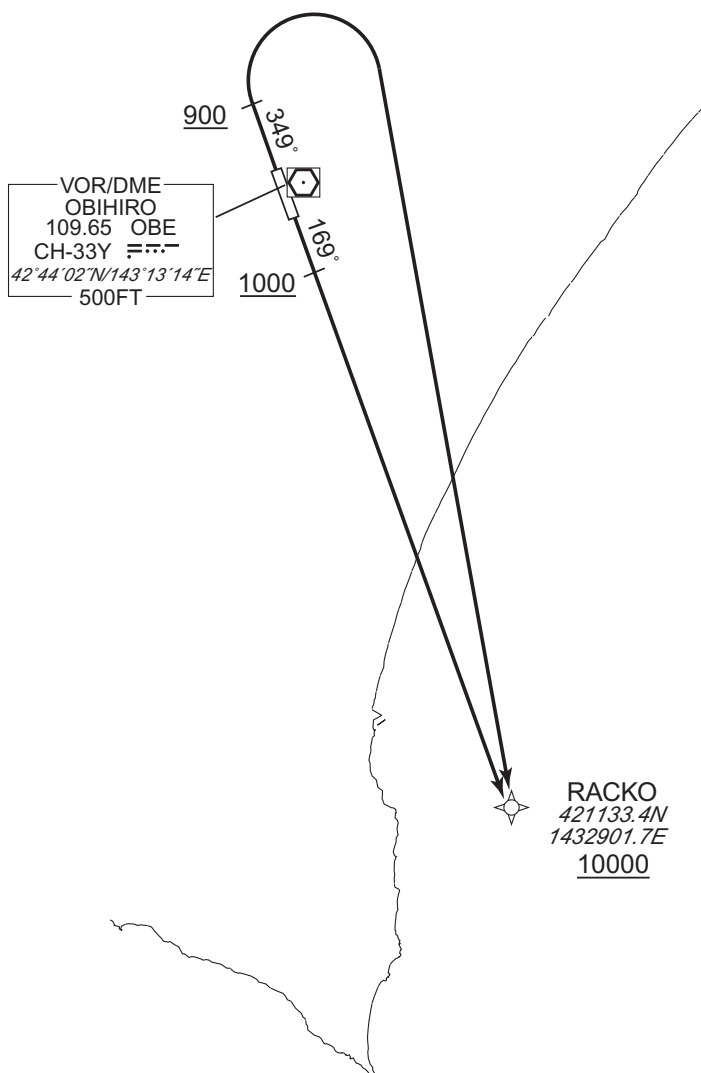
RNAV SID

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 (159.4) | -9.4 | — | — | +1000 | — | — | Basic RNP1 |
| 002 | DF | RACKO | — | — | -9.4 | — | — | +10000 | — | — | Basic RNP1 |

RWY35

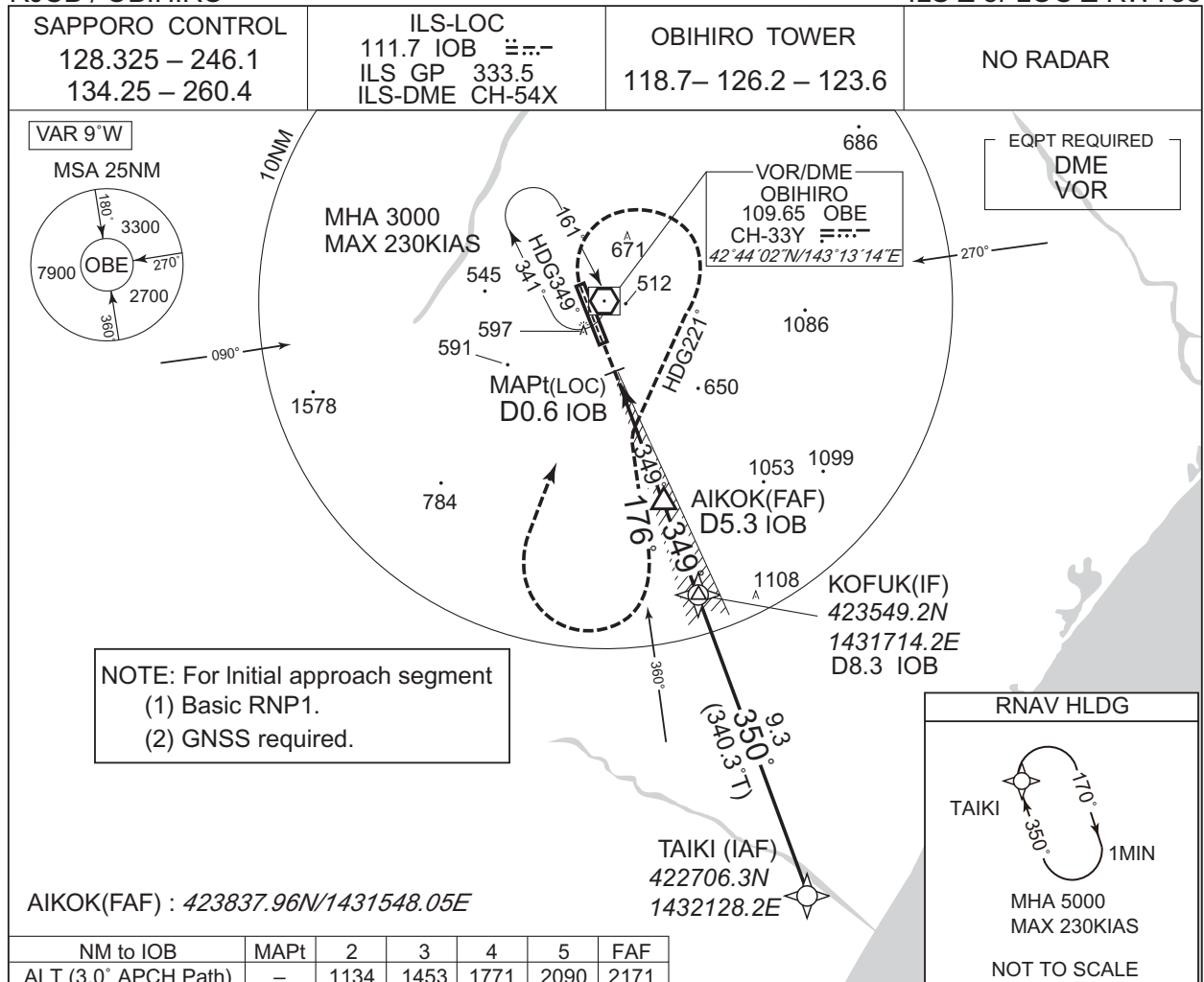
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | — | — | 349 (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

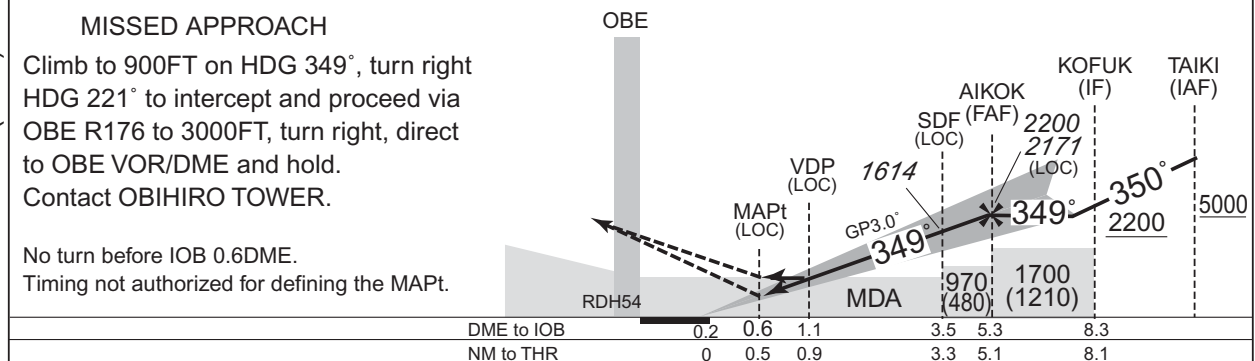
ILS Z or LOC Z RWY35



MISSED APPROACH

Climb to 900FT on HDG 349°, turn right HDG 221° to intercept and proceed via OBE R176 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 | |
| C | | | | 1400 | 2400 |
| D | | | | | 3200 |

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

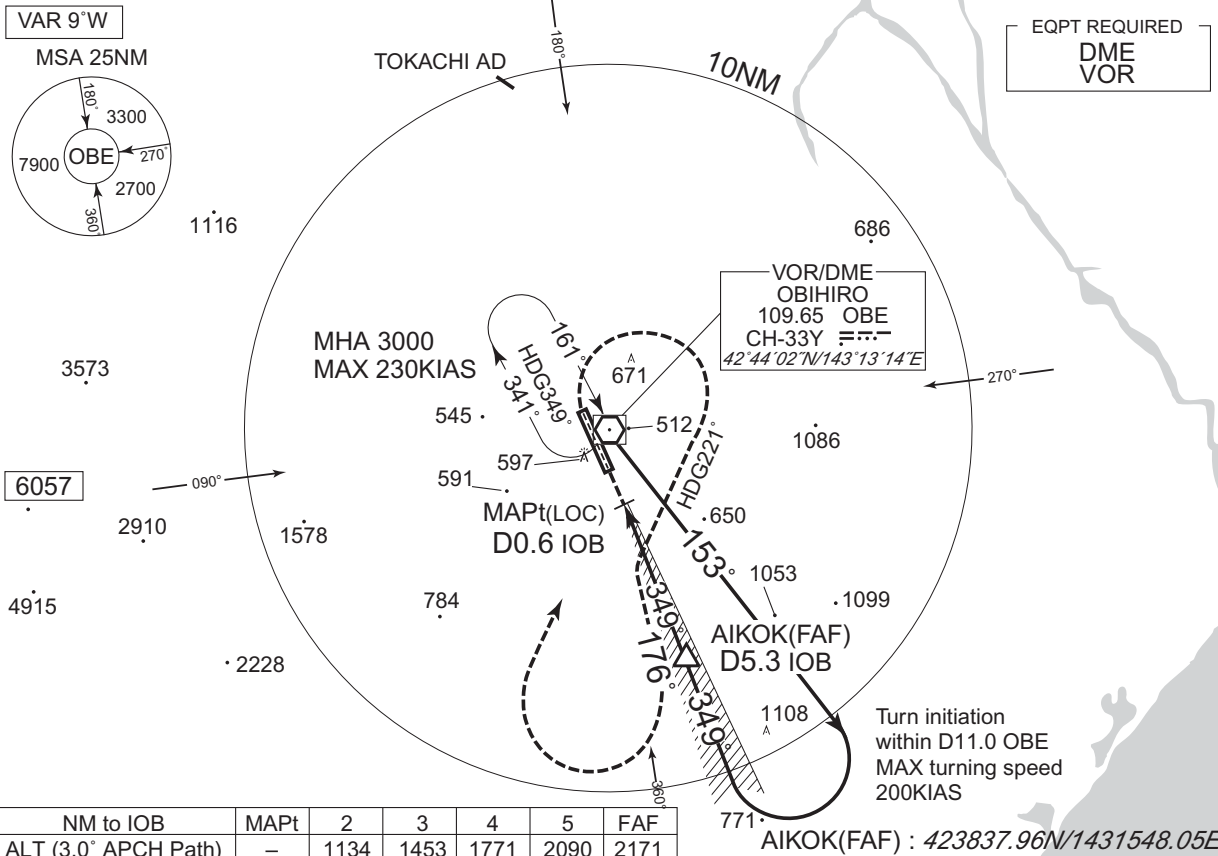
CHANGE : Missed APCH course. HLDG course(OBE).

INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

ILS Y or LOC Y RWY35

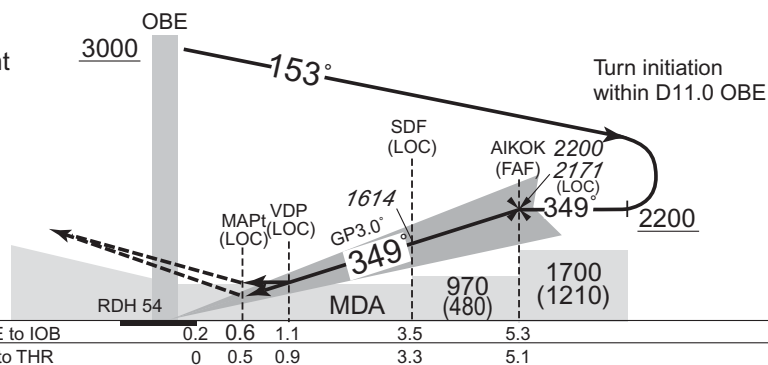
| | | | |
|--|--|--|----------|
| SAPPORO CONTROL 128.325 – 246.1 134.25 – 260.4 | ILS-LOC 111.7 IOB 333.5 ILS GP 333.5 ILS-DME CH-54X | OBIHIRO TOWER 118.7 – 126.2 – 123.6 | NO RADAR |
|--|--|--|----------|



MISSED APPROACH

Climb to 900FT on HDG 349°, turn right HDG 221° to intercept and proceed via OBE R176 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.

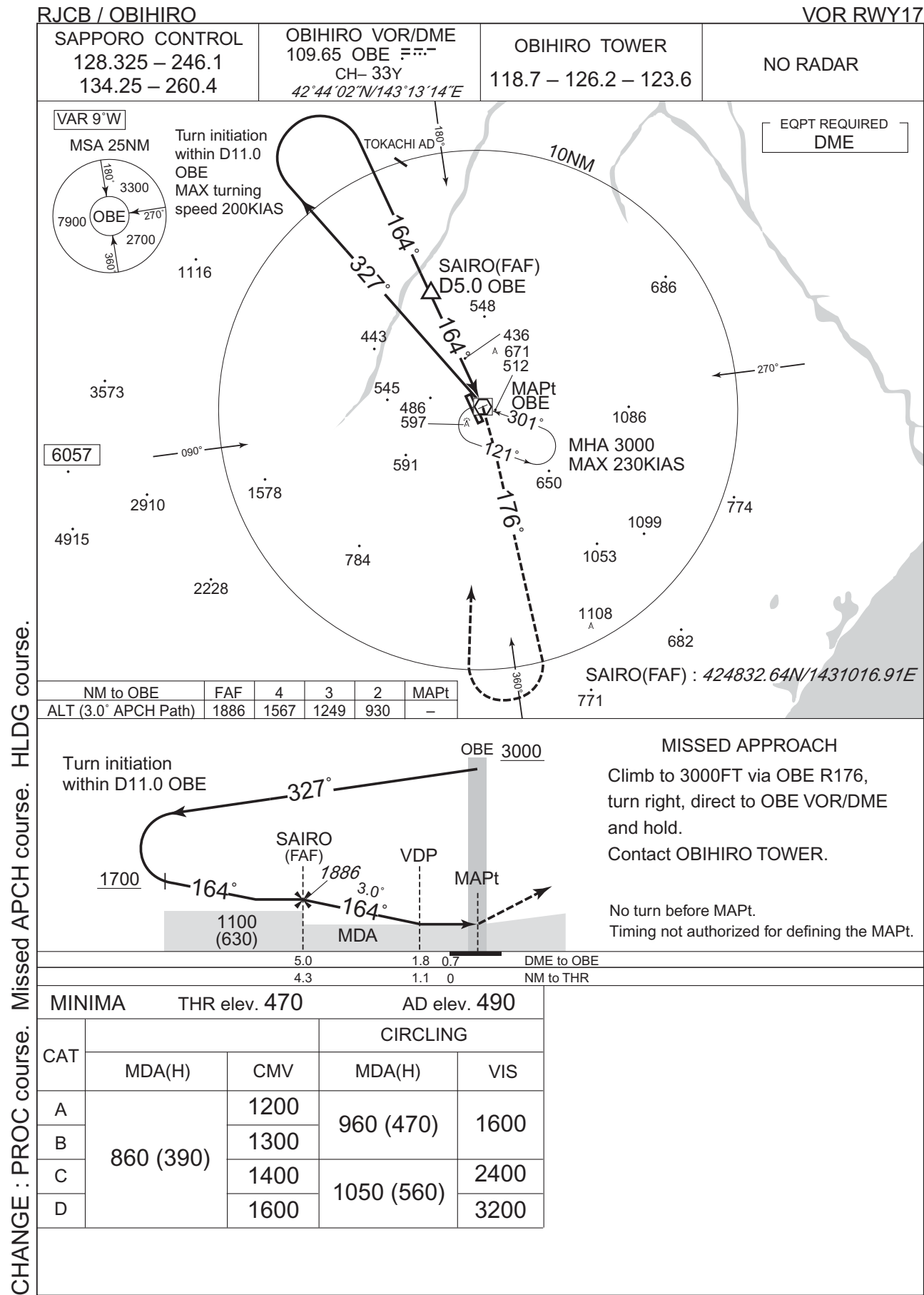


Missed APCH climb gradient MNM 4.0%

| 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 | | |
| C | | | | | 1400 | 1050 (560) |
| D | | | | | | |

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

INSTRUMENT APPROACH CHART



CHANGE : PROC course. Missed APCH course. HLDG course.

INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

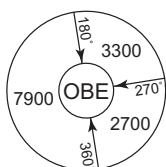
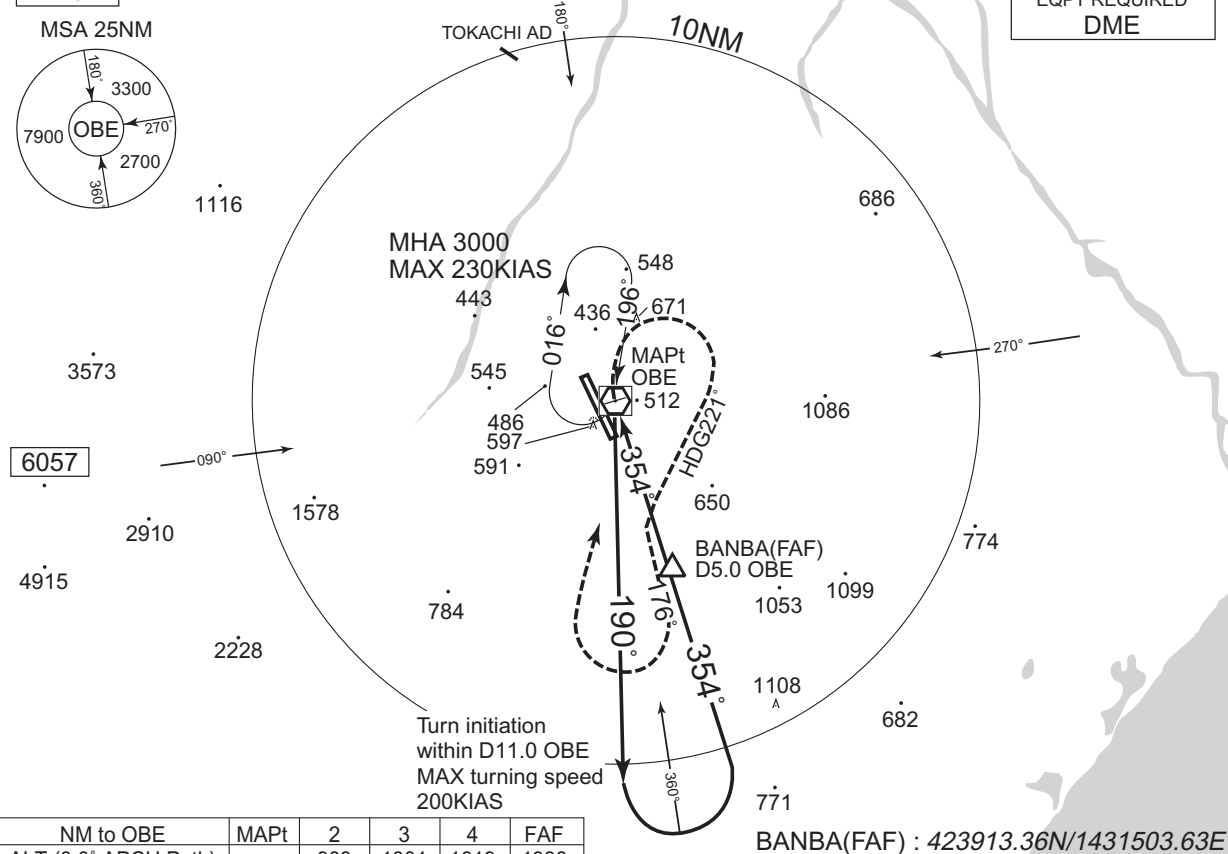
VOR RWY35

SAPPORO CONTROL
128.325 – 246.1
134.25 – 260.4OBIHIRO VOR/DME
109.65 OBE $\equiv \equiv \equiv$
CH-33Y
42°44'02"N/143°13'14"EOBIHIRO TOWER
118.7 – 126.2 – 123.6

NO RADAR

VAR 9°W

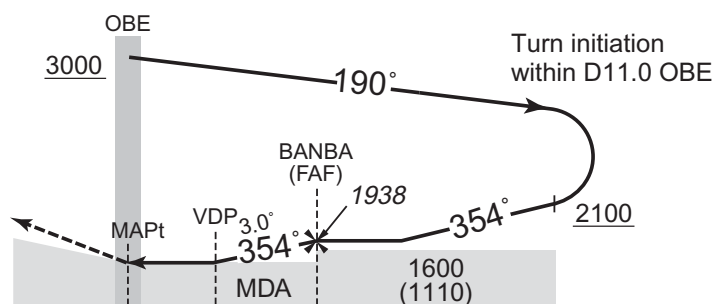
MSA 25NM

EQPT REQUIRED
DME

MISSED APPROACH

Turn right, climb on HDG 221° to intercept and proceed via OBE R176 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/ CMV | MDA(H) | VIS |
| A | 930 (440) | 900 | 960 (470) | 1600 |
| B | | 1000 | | 1050 (560) |
| C | | | 1400 | |
| D | | | | |

CHANGE : PROC course. Missed APCH course. HLDG course.

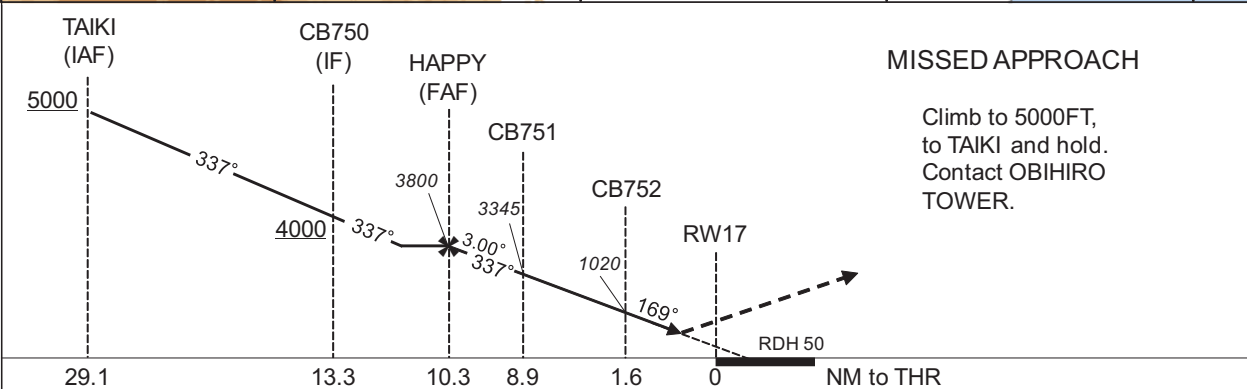
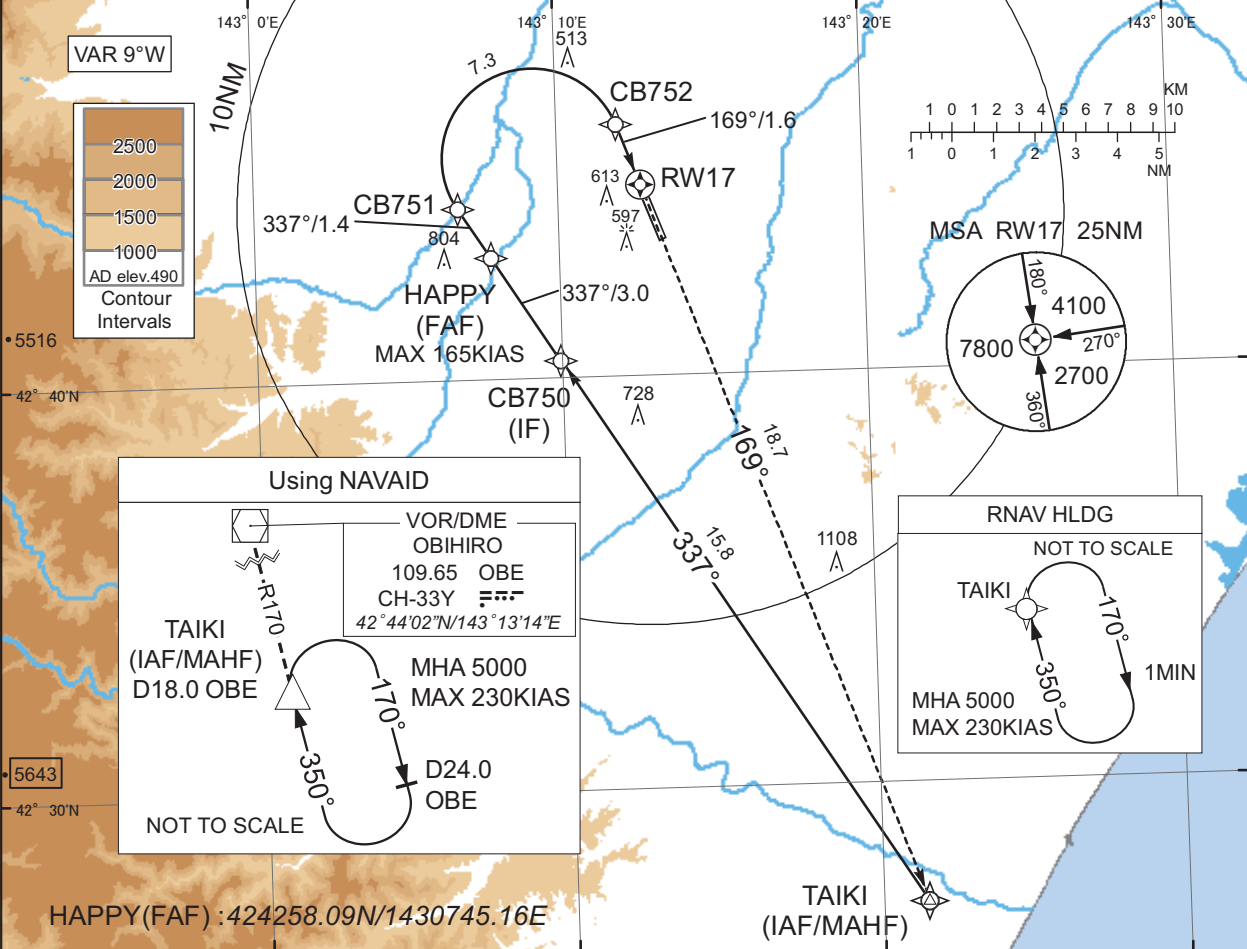
INSTRUMENT APPROACH CHART

RJCB / OBIHIRO

RNP RWY17(AR)

| | | | |
|--|-----------------------|--|----------|
| SAPPORO CONTROL 128.325 - 246.1 134.25 - 260.4 | RNP AR RF required | OBIHIRO TOWER 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

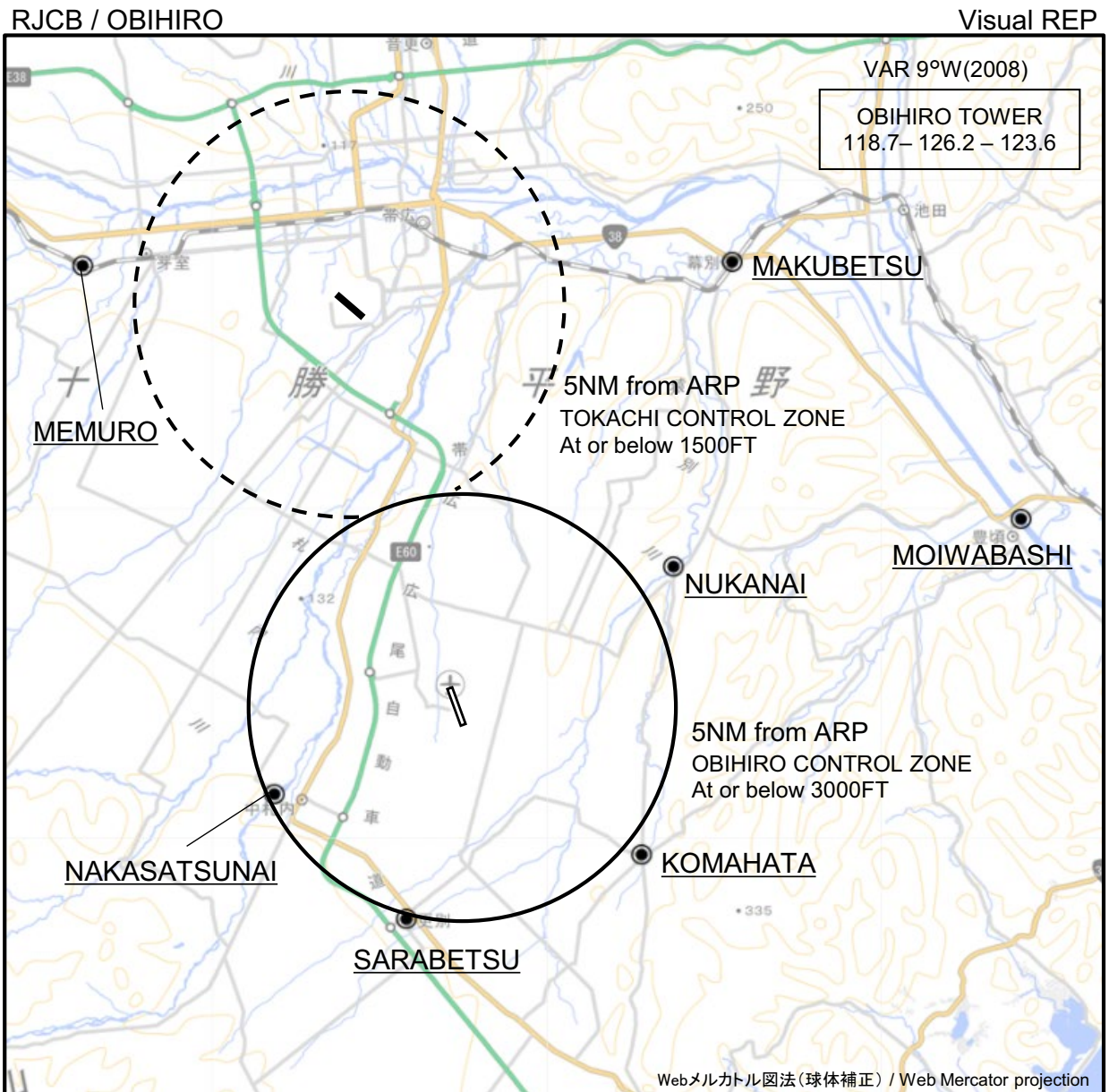
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | VPA/ RDH (°/FT) | RNP Value |
|---------------|------------------------------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|-----------------|-----------|
| 001 | IF | TAIKI | - | - | -9.4 | - | - | +5000 | - | - | - |
| 002 | TF | CB750 | - | 337 (327.6) | -9.4 | 15.8 | - | +4000 | - | - | 1.0 |
| 003 | TF | HAPPY | - | 337 (327.5) | -9.4 | 3.0 | - | 3800 | -165 | - | 1.0 |
| 004 | TF | CB751 | - | 337 (327.4) | -9.4 | 1.4 | - | 3345 | - | -3.00 | 0.3 |
| 005 | RF Center: CBRF1 r=2.18NM | CB752 | - | - | -9.4 | 7.3 | R | 1020 | - | -3.00 | 0.3 |
| 006 | TF | RW17 | Y | 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 | | |

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).

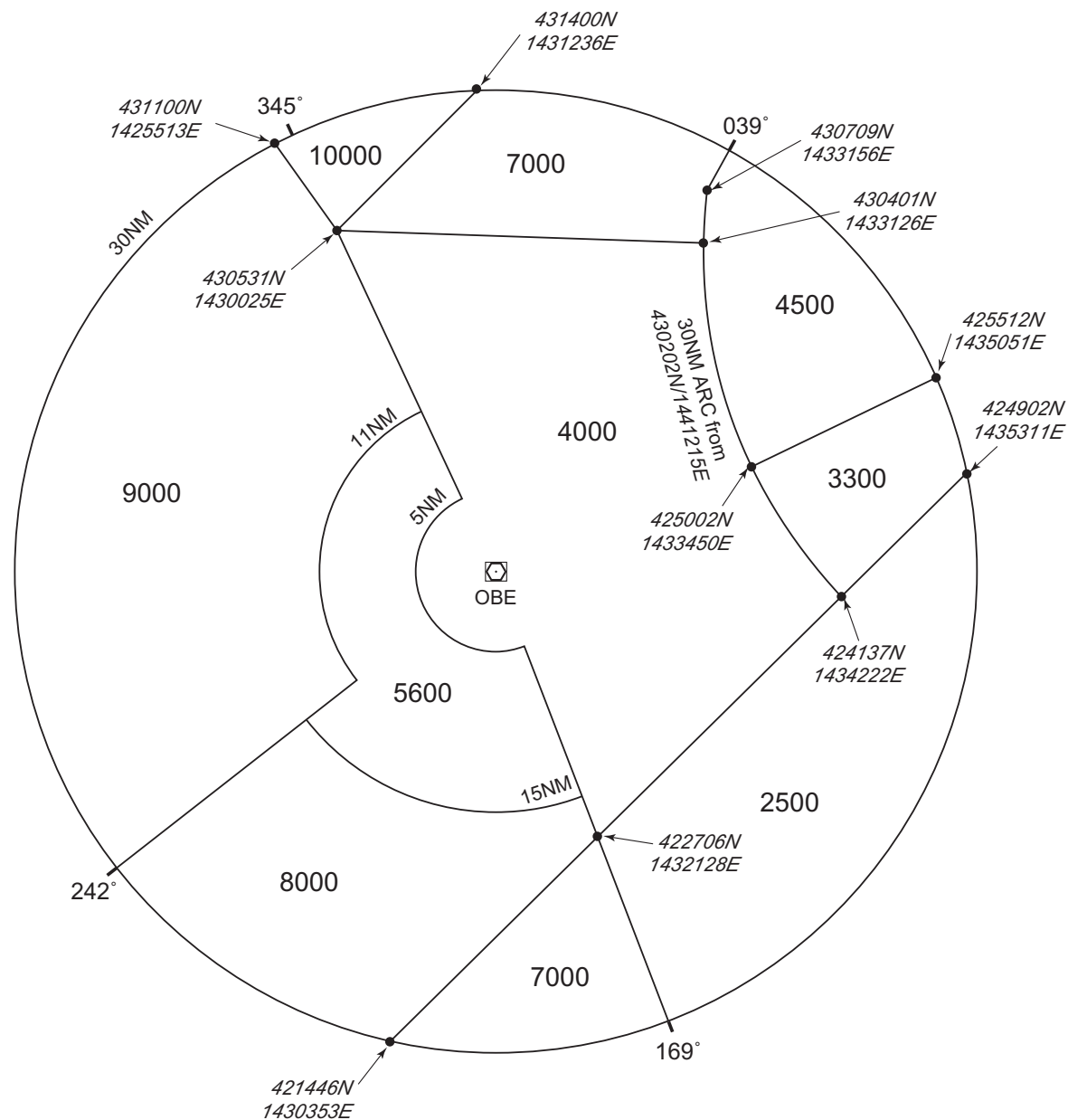
CHANGE : Map updated. BRG/DIST from ARP.

| Call sign | BRG / DIST from ARP | Remarks |
|---------------------|---------------------|---|
| 幕別 Makubetsu | 031°T / 12.2NM | JR駅 JR Station |
| 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 |

RJCB / OBIHIRO

Minimum Vectoring Altitude CHART

VAR 9°W (2009)



CENTER : 424402N/1431314E (OBE VOR/DME)

CHANGE : Bearing FM KSE deleted.