

AD 2 AERODROMES

RJTO AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJTO - OSHIMA

RJTO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---|
| 1 | ARP coordinates and site at AD | 344655N/1392137E 0.9km from RWY03 THR |
| 2 | Direction and distance from (city) | 3.25km N from Oshima town office |
| 3 | Elevation/ Reference temperature | 124FT / 29 °C (2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | 129FT |
| 5 | MAG VAR/ Annual change | 8° W(2024) / 4' W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Tokyo Metropolitan Government. Public AP. 270, Kitanooyama, Aza, Motomachi, Oshima-machi, Tokyo TEL: 04992-2-1400 FAX: 04992-2-2480 e-mail: TOCairport1964@section.metro.tokyo.jp |
| 7 | Types of traffic permitted(IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJTO AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] * In the case of a leap year, 29th FEB. |
| 2 | Customs and immigration | On request Customs: 03-3599-6286 Immigration: 0570-034259 (Department Number 210) |
| 3 | Health and sanitation | Quarantine(human): On request(03-3599-1515) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (TOKYO) |
| 7 | ATS | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] * In the case of a leap year, 29th FEB. Remarks: AFIS provided by New Chitose Airport Office. |
| 8 | Fuelling | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] (On request) * In the case of a leap year, 29th FEB. |
| 9 | Handling | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] * In the case of a leap year, 29th FEB. |
| 10 | Security | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] * In the case of a leap year, 29th FEB. |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJTO AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|-----------------------------|
| 1 | Cargo-handling facilities | Nil |
| 2 | Fuel/ oil types | Fuel : JET A-1, Avgas 100LL |
| 3 | Fuelling facilities/ capacity | Fuel truck, Fuel tank |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

RJTO AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-----|
| 1 | Hotels | Nil |
| 2 | Restaurants | Nil |
| 3 | Transportation | Nil |
| 4 | Medical facilities | Nil |
| 5 | Bank and Post Office | Nil |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RJTO AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|----------------------------------|
| 1 | AD category for fire fighting | CAT 6 |
| 2 | Rescue equipment | Chemical fire fighting truck x 2 |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

RJTO AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|----------------|
| 1 | Types of clearing equipment | Not Applicable |
| 2 | Clearance priorities | Nil |
| 3 | Remarks | Nil |

RJTO AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|--|
| 1 | Apron surface and strength | NR.1 APRON: Surface : Asphalt Concrete, Strength: PCR 381/F/C/X/T NR.2 APRON: Surface : Asphalt Concrete, Strength: PCR 158/F/C/Y/T NR.3 APRON: Surface : Asphalt Concrete, Strength: PCR 158/F/C/Y/T NR.4 APRON: Surface : Concrete, Strength:AUW 4300kg / 0.3MPa |
| 2 | Taxiway width, surface and strength | T-1: Width 23m, Surface:Asphalt Concrete, Strength:PCR 381/F/C/X/T T-2,T-3: Width 18m, Surface:Asphalt Concrete, Strength:PCR 158/F/C/Y/T T-4: Width 8m, Surface:Asphalt Concrete, Strength:AUW 4300kg / 0.3MPa |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not available |
| 5 | INS checkpoints | (Spot NR) 1 344658.86N/1392145.55E 2 344657.03N/1392144.74E 3 344655.85N/1392144.48E 2L 344658.08N/1392146.62E 2R 344657.25N/1392146.26E 3L 344656.43N/1392145.89E 3R 344655.61N/1392145.52E 27 344654.26N/1392145.43E 28 344653.68N/1392143.96E 29 344653.45N/1392145.03E |
| 6 | Remarks | Nil |

RJTO 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: RWY03/21 (Marking): RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT):RCLL, REDL, RTHL, RENL TWY: (Marking): TWY CL, TWY side stripe (LGT): TWY edge LGT, TWY CL LGT, Taxiing guidance sign |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area (LGT) Apron flood LGT |

RJTO AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

RJTO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | TOKYO |
| 2 | Hours of service MET Office outside hours | H24 (TOKYO) |
| 3 | Office responsible for TAF preparation Periods of validity | Nil |
| 4 | Trend forecast Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Briefing is available upon inquiry at TOKYO |
| 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 | RADIO |
| 10 | Additional information (limitation of service, etc.) | Nil |

RJTO 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 |
| 03 | 020.15° | 1800×45 | PCR 381/F/C/X/T Asphalt-Concrete | 344628.00N 1392124.87E | THR ELEV: 138ft |
| 21 | 200.15° | 1800×45 | PCR 381/F/C/X/T Asphalt-Concrete | 344722.84N 1392149.25E | THR ELEV: 117ft |
| Slope of RWY | | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | Remarks | |
| 7 | | 10 | 11 | 14 | |
| See AD2.24 AD chart | | 1920×150 | 90×90 | RWY grooving:1800m × 30m | |
| | | 1920×150 | 90×90 | | |

RJTO AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 03 | 1800 | 1800 | 1800 | 1800 | Nil |
| 21 | 1800 | 1800 | 1800 | 1800 | Nil |

RJTO 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 |
| 03 | SALS (*1) 420m LIH | Green Nil | PAPI 3.0° /LEFT 355.8m 49ft | | 1800m 30m Coded Color (White/Red) LIH | 1800m 60m Coded Color (White/Yellow) LIH | Red | Nil (*2) |
| 21 | | Green Nil | PAPI 3.0° /LEFT 276.9m 49ft | | 1800m 30m Coded Color (White/Red) LIH | 1800m 60m Coded Color (White/Yellow) LIH | Red | Nil (*2) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| SALS with RAI(LEN:480m)(*1) Overrun area edge LGT(LEN:30m Color:Red)(*2) RWY THR ID LGT For RWY21 THR(Color:White) | | | | | | | | |

RJTO AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 344647N/1392142E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI:Nil Anemometer: RWY03:340m from RWY03 THR, lighted RWY21:300m from RWY21 THR. lighted |
| 3 | TWY edge and centerline lighting | TWY edge and center line lights installed, see AD2.9 |
| 4 | Secondary power supply/switch-over time | Within 15 sec : All lights |
| 5 | Remarks | WDI LGT |

RJTO AD 2.16 HELICOPTER LANDING AREA

| |
|-----|
| Nil |
|-----|

RJTO AD 2.17 ATS AIRSPACE

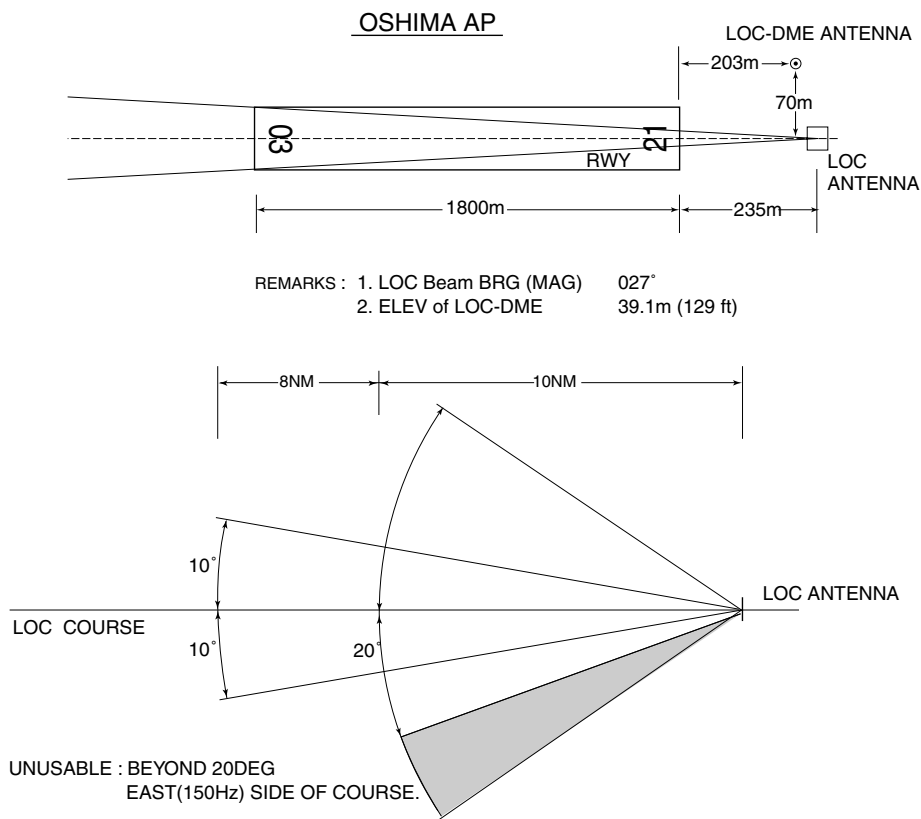
| Designation and lateral limits | | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|--|----------------------|-------------------------|-----------------------------|---------|
| 1 | | 2 | 3 | 4 | 6 |
| Oshima Information Zone | Area within a radius of 5nm(9km) of Oshima ARP | 3,000 or below | E | Oshima Radio En | |

RJTO AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|--------------|-----------|---|---|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | Oshima Radio | 118.6MHz | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] * In the case of a leap year, 29th FEB. | Operated by New Chitose Airport Office |

RJTO 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 (7°W/2017) | OSE | 109.85MHz | H24 | 344715.87N/ 1392153.46E | | VOR/DME unusable: 110°-130° beyond 15NM BLW 5000ft |
| DME | OSE | 1122MHz (CH-35Y) | H24 | 344715.87N/ 1392153.46E | 156ft | 150°-180° beyond 10NM BLW 5000ft 180°-190° beyond 15NM BLW 5000ft VOR unusable: 130°-150° beyond 15NM BLW 5000ft DME unusable: 130°-150° beyond 10NM BLW 5000ft |
| LOC 03 | IOS | 109.35MHz | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] * In the case of a leap year, 29th FEB. | 344730.00N/ 1392152.44E | | LOC: 235m (771FT) away FM RWY21 THR, BRG 027°(MAG) Unusable: beyond 20° E(150Hz) side of course |
| LOC-DME 03 | IOS | 1117MHz | 2330 - 0830 [2330 28th FEB* - 0830 30th SEP] 2330 - 0730 [2330 30th SEP - 0730 28th FEB*] * In the case of a leap year, 29th FEB. | 344729.80N/ 1392149.42E | 129ft | DME: 203m(666FT) away FM RWY21 THR, 70m(230FT) W of RCL |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based. |



RJTO AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

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

On use of this airport by flight training, the administrator's prior permission is required.

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJTO AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJTO AD 2.22 FLIGHT PROCEDURES

TAKE OFF MINIMA

| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL Marking | | NIL (DAYTIME ONLY) | |
|--|-----|-------------|-----------------|---------------------------|--------------------------------|---------------------------|-----------------------|---------------------------|
| | | | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS |
| Multi-Engine ACFT with TKOF ALTN AP Filed | 03 | A,B,C | - | 300'-2400m 200'-1600m* | - | 300'-2400m 200'-1600m* | - | 300'-2400m 200'-1600m* |
| | 21 | A,B,C | - | 200'-2400m | - | 200'-2400m | - | 200'-2400m |
| OTHER | 03 | A,B,C | AVBL LDG MINIMA | | | | | |
| | 21 | A,B,C | | | | | | |

*Applicable in case of climbing with 8.7% gradient up to 500FT.

RJTO AD 2.23 ADDITIONAL INFORMATION

Nil

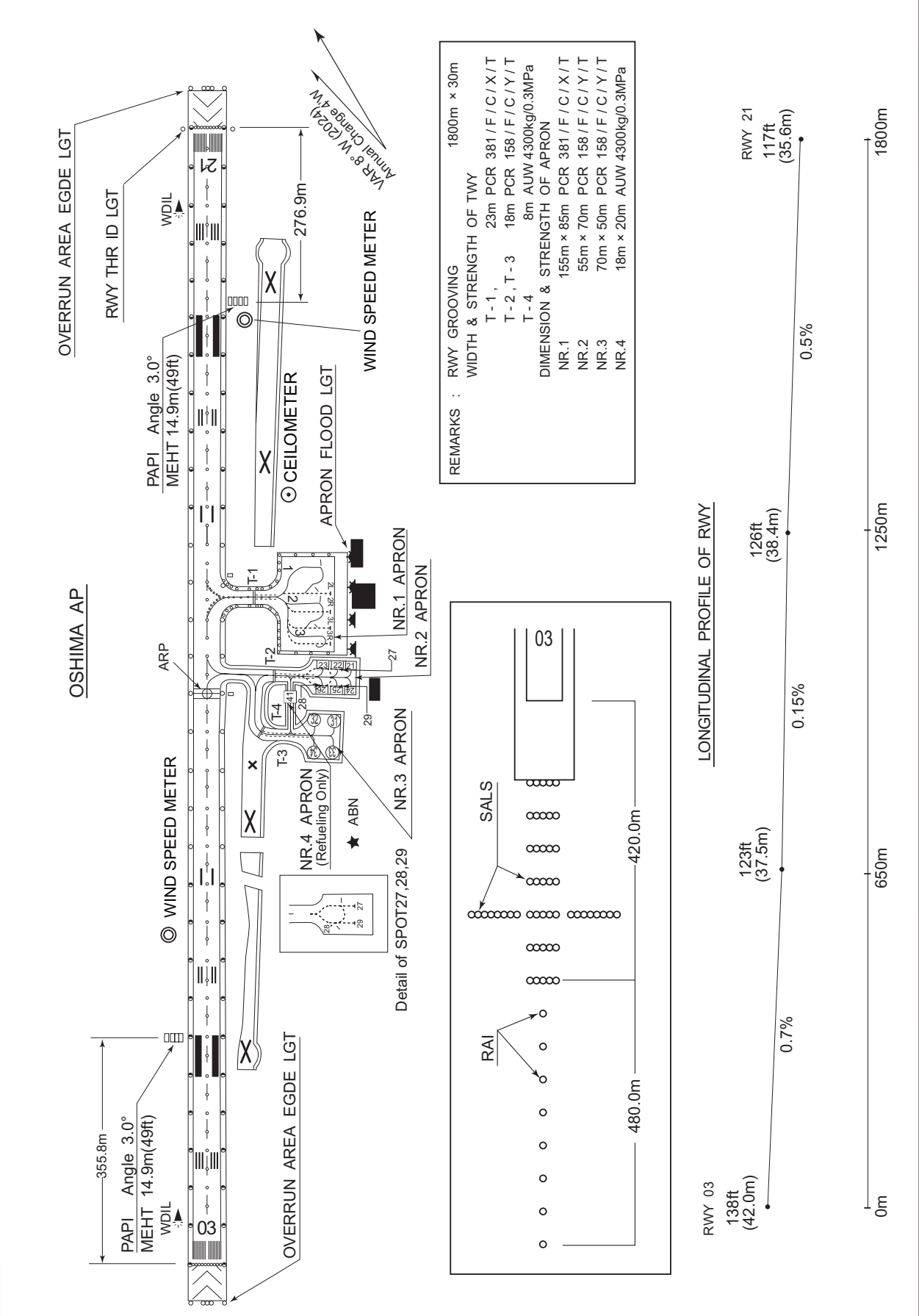
RJTO AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart

Standard Departure Chart - Instrument (OSHIMA REVERSAL)
Standard Departure Chart - Instrument (MIHARA-RNAV)
Instrument Approach Chart (LOC Z RWY03)
Instrument Approach Chart (LOC Y RWY03)
Instrument Approach Chart (VOR A)
Instrument Approach Chart (VOR B)
Instrument Approach Chart (RNP RWY21)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

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CHANGE : WIND SPEED METER, CEILOMETER added.



STANDARD DEPARTURE CHART -INSTRUMENT

RJTO / OSHIMA

SID

OSHIMA REVERSAL FOUR DEPARTURE

RWY03: Climb RWY HDG to 1100FT, turn left,...

RWY21: Climb RWY HDG to 1400FT, turn right,...

...direct to OSE VOR/DME.

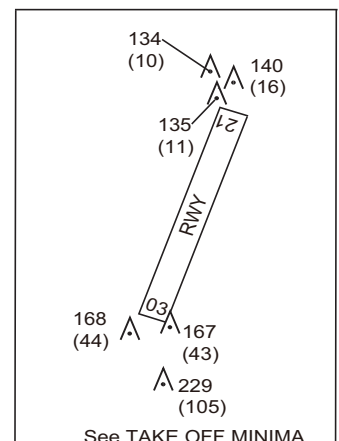
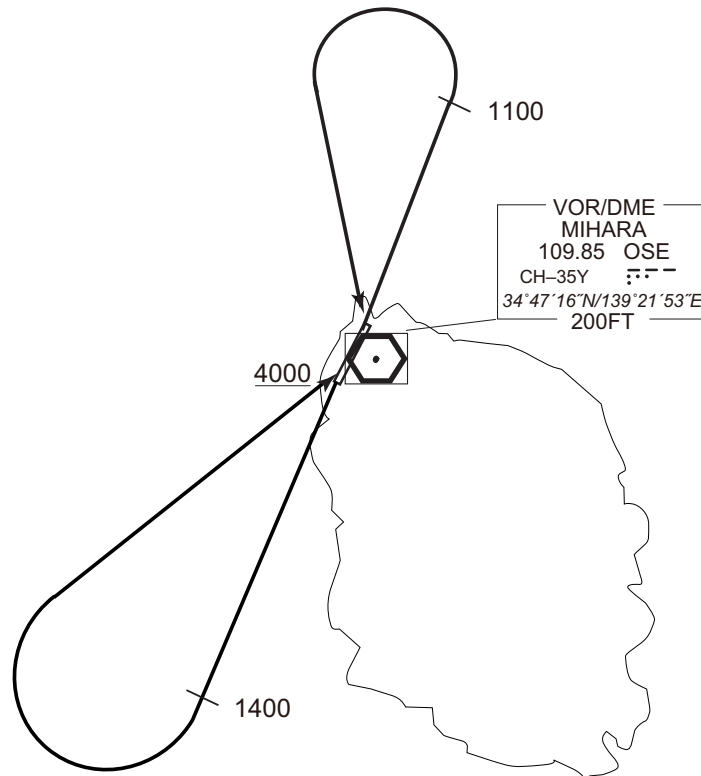
Cross OSE VOR/DME at or above 4000FT.

Note RWY03 : In case of climbing with 8.7% gradient up to 500FT, another TKOF
WX MINIMA is applicable.

OBST ALT 394FT located at 0.6NM 050°FM end of RWY03.

RWY21 : 4.2% climb gradient required up to 1400FT.

OBST ALT 1444FT located at 2.2NM 166°FM end of RWY21

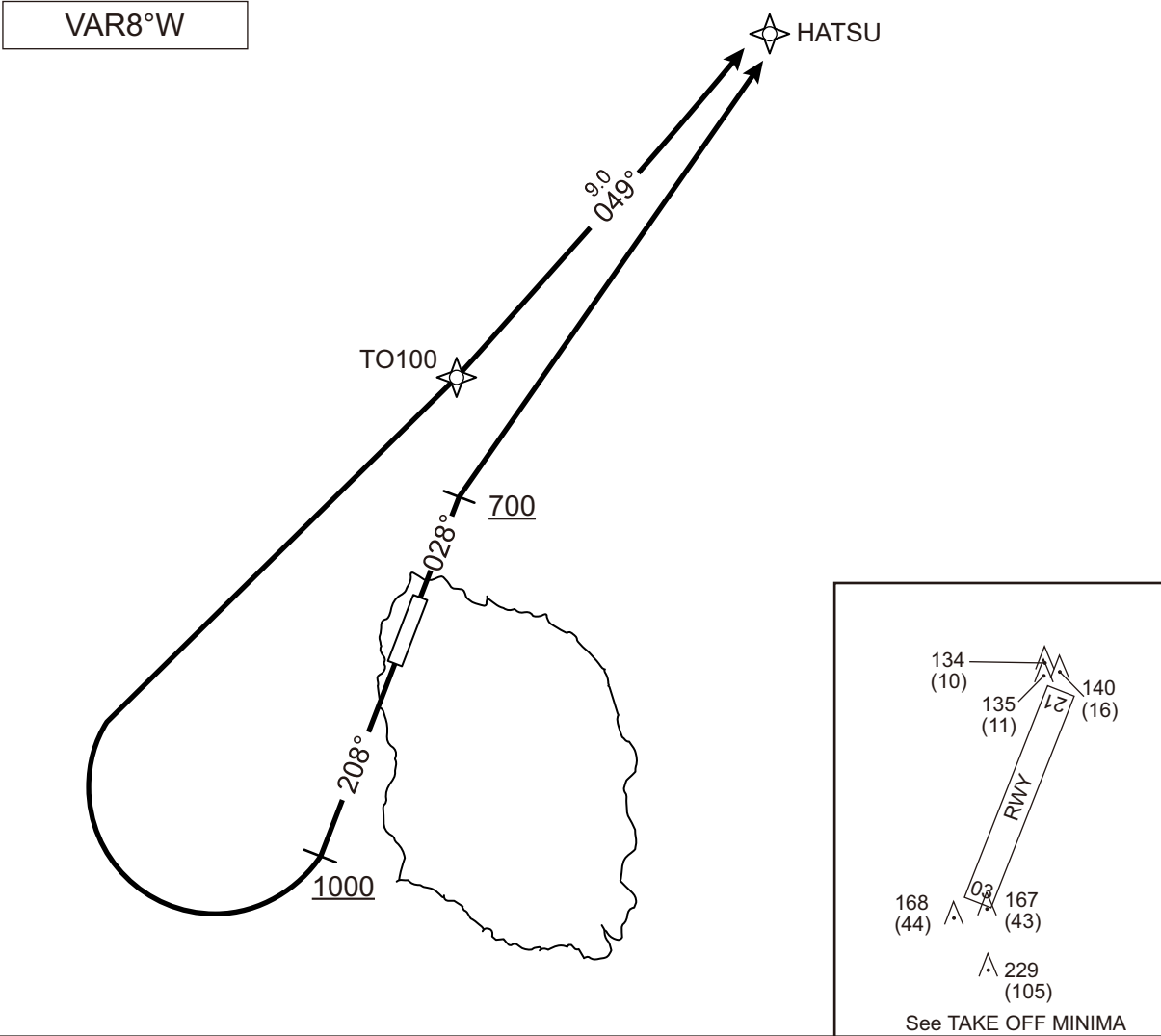


CHANGE : OBST.

STANDARD DEPARTURE CHART -INSTRUMENT

| | |
|----------------------|----------|
| RJTO / OSHIMA | RNAV SID |
| MIHARA ONE DEPARTURE | RNP1 |

Note GNSS required.



RWY03: Climb on HDG028° at or above 700FT, direct to HATSU.

RWY21: Climb on HDG208° at or above 1000FT, turn right direct to TO100, to HATSU.

Note RWY03: In case of climbing with 8.7% gradient up to 500FT, another TKOF WX MINIMA is applicable.
OBST ALT 394FT located at 0.6NM 050°FM end of RWY03.

RWY21: 3.8% climb gradient required up to 1000FT.
OBST ALT 952FT located at 1.4NM 144°FM end of RWY21.

CHANGE : New PROC.

STANDARD DEPARTURE CHART -INSTRUMENT

RJTO / OSHIMA

RNAV SID

MIHARA ONE DEPARTURE

RWY03

| 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 | - | - | 028 (020.1) | -7.7 | - | - | +700 | - | - | RNP1 |
| 002 | DF | HATSU | - | - | -7.7 | - | - | - | - | - | RNP1 |

RWY21

| 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 | - | - | 208 (200.1) | -7.7 | - | - | +1000 | - | - | RNP1 |
| 002 | DF | TO100 | - | - | -7.7 | - | R | - | - | - | RNP1 |
| 003 | TF | HATSU | - | 049 (041.2) | -7.7 | 9.0 | - | - | - | - | RNP1 |

Waypoint Coordinates

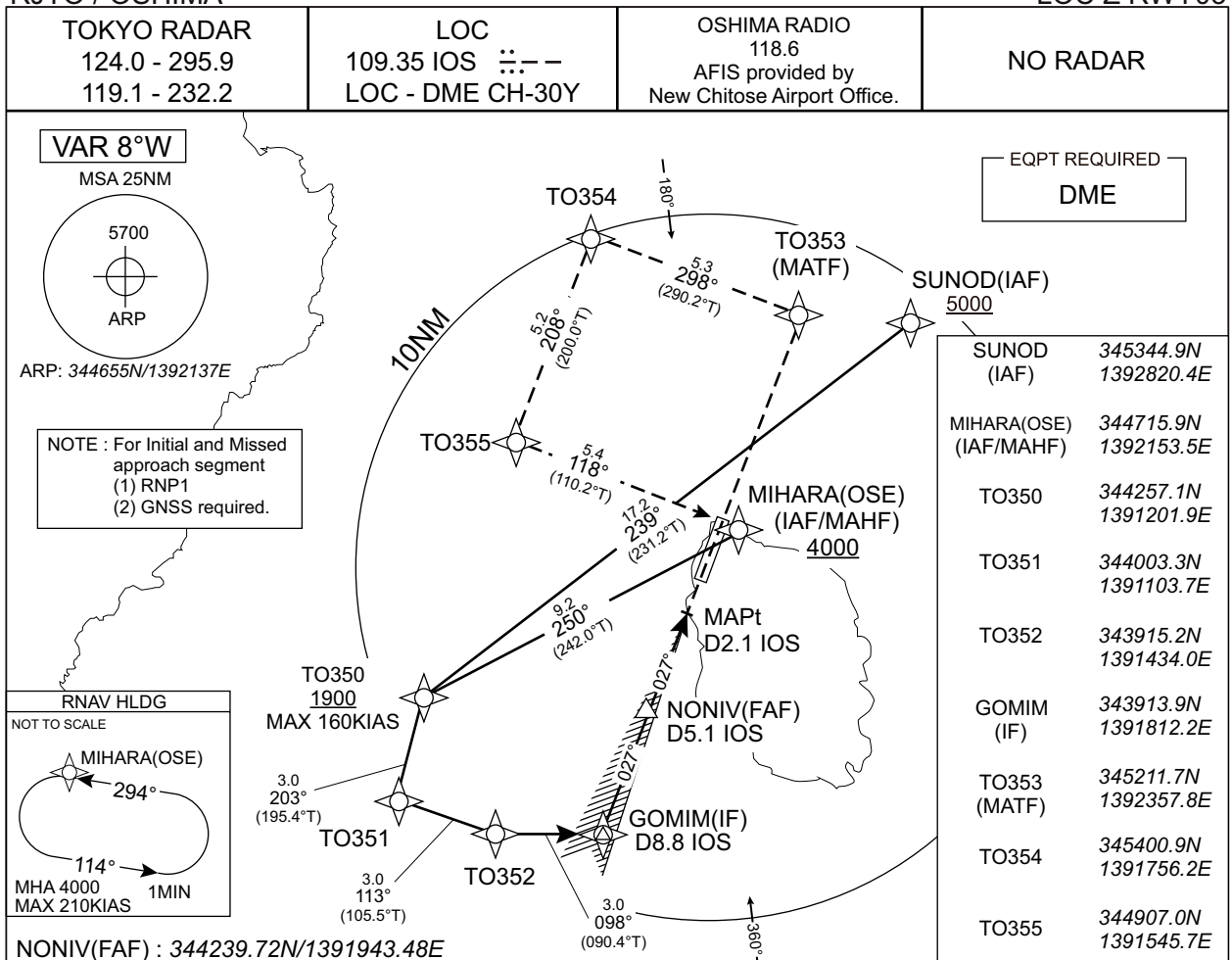
| Waypoint Identifier | Coordinates |
|---------------------|------------------------|
| HATSU | 345835.6N / 1392953.1E |
| TO100 | 345151.7N / 1392241.2E |

CHANGE : New PROC.

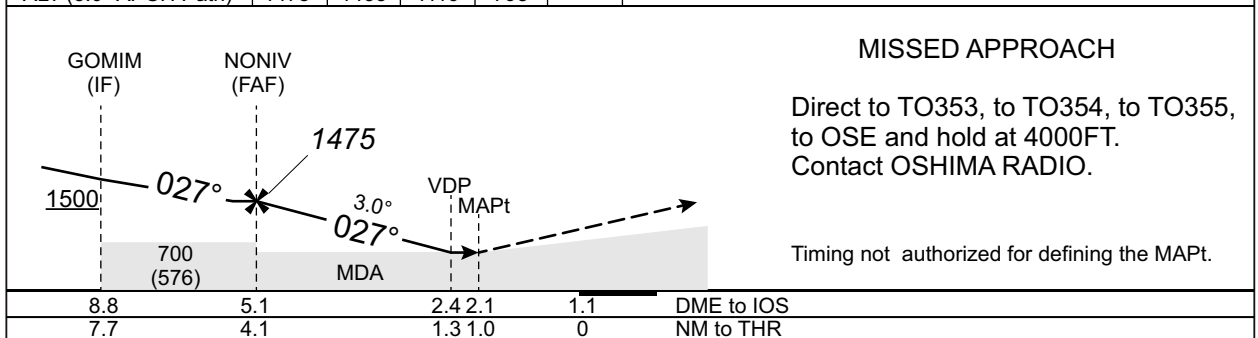
INSTRUMENT APPROACH CHART

RJTO / OSHIMA

LOC Z RWY03



| NM to IOS | FAF | 5 | 4 | 3 | MAPt |
|----------------------|------|------|------|-----|------|
| ALT (3.0° APCH Path) | 1475 | 1435 | 1116 | 798 | - |

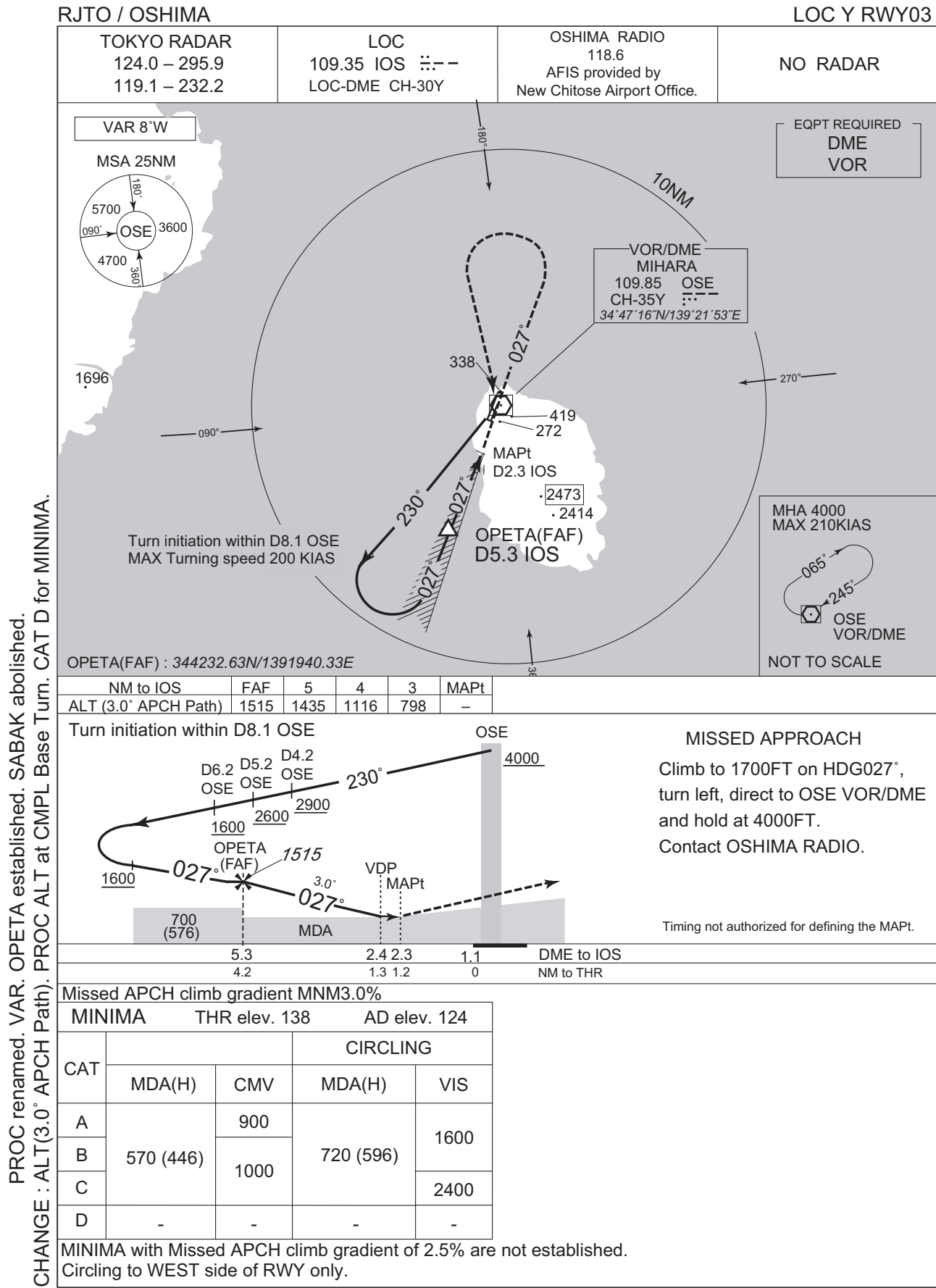


Missed APCH climb gradient MNM3.0%

| MINIMA | | THR elev. 138 | | AD elev.124 | |
|--------|----------|---------------|----------|-------------|--|
| CAT | | | CIRCLING | | |
| | MDA(H) | CMV | MDA(H) | VIS | |
| A | 570(446) | 900 | 720(596) | 1600 | |
| B | | 1000 | | | |
| C | | | | 2400 | |
| D | - | - | - | - | |

MINIMA with Missed APCH climb gradient of 2.5% are not established.
Circling to WEST side of RWY only.

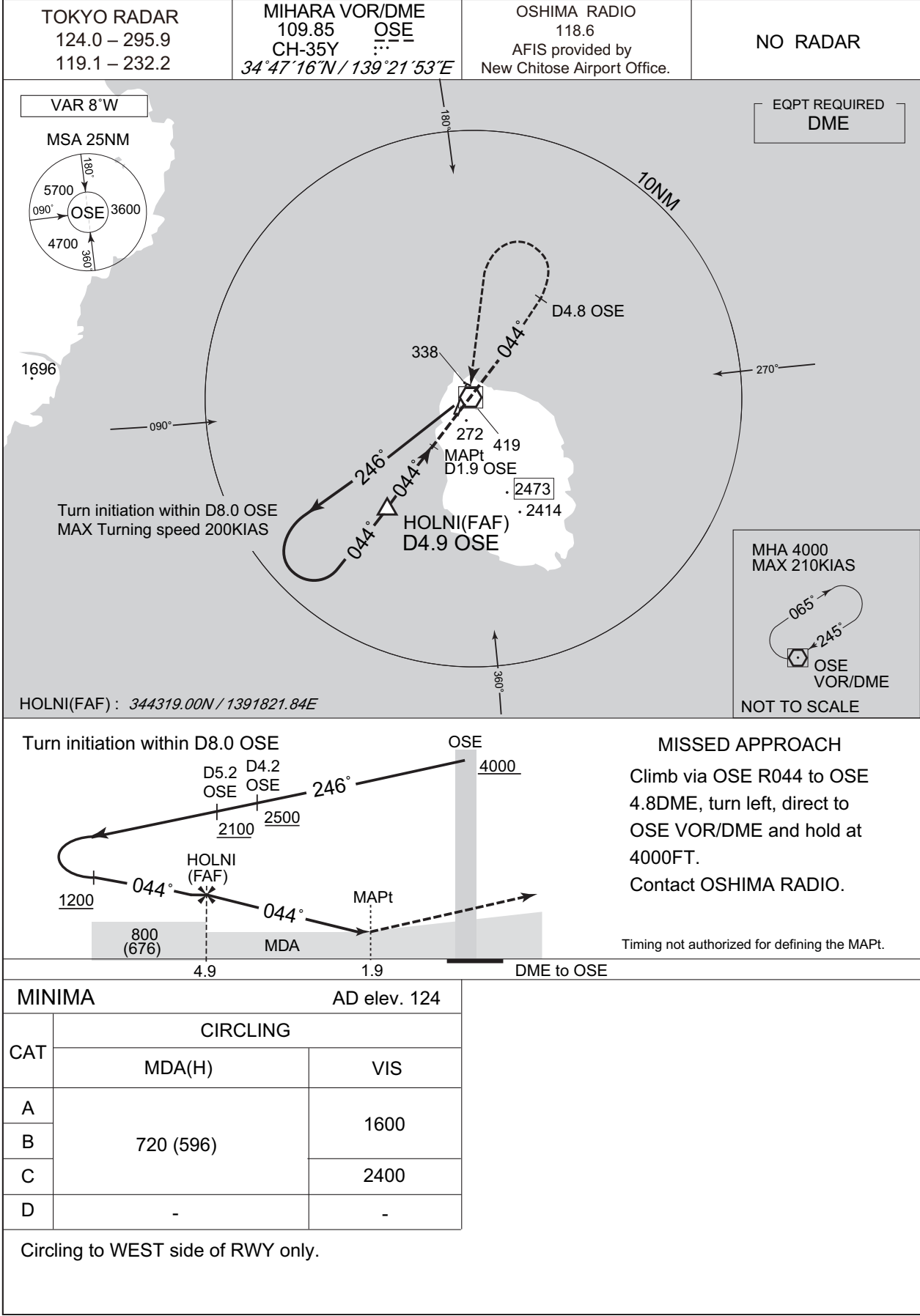
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJTO / OSHIMA

VOR A

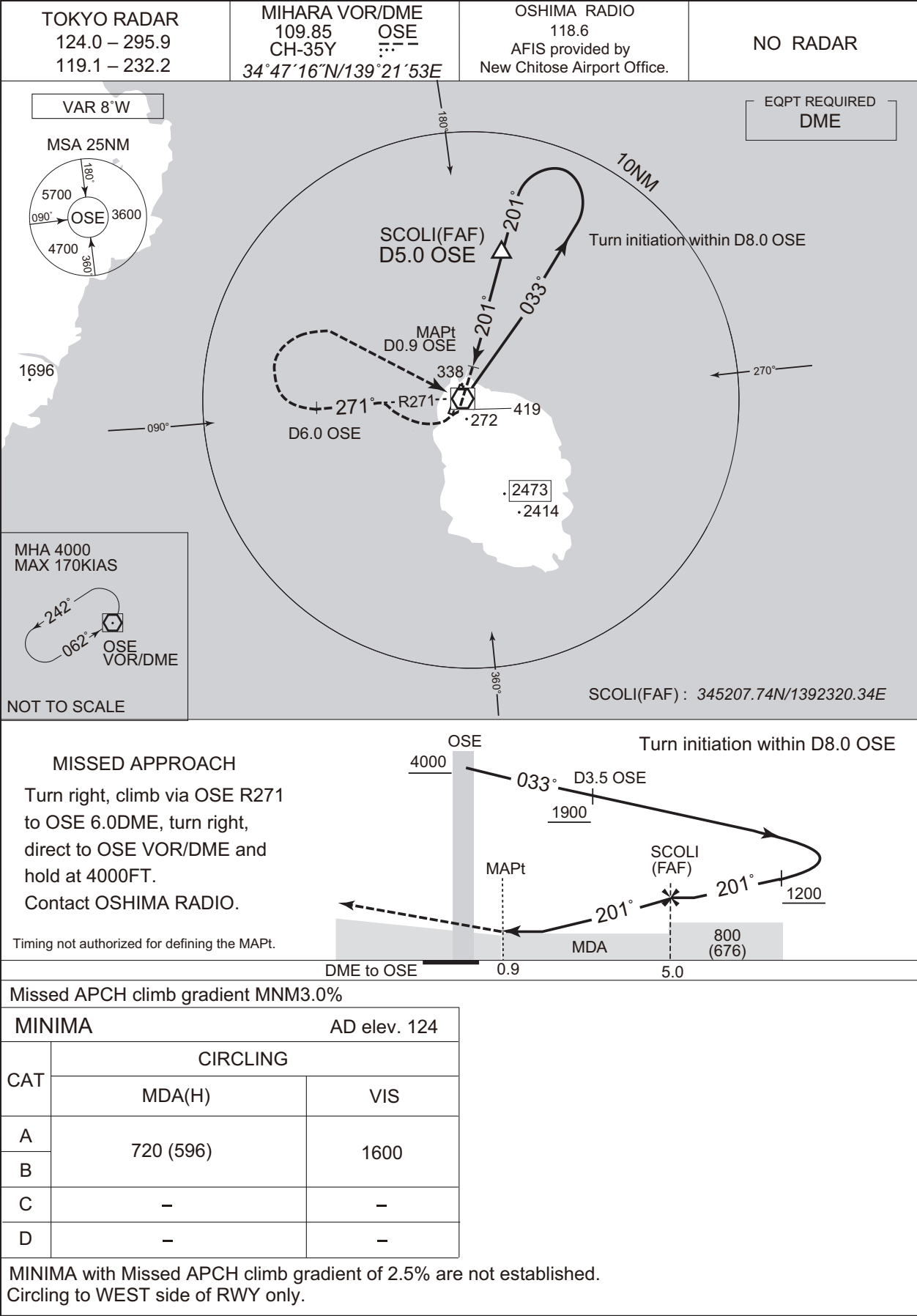


CHANGE : VAR. CAT D for MINIMA.

INSTRUMENT APPROACH CHART

RJTO / OSHIMA

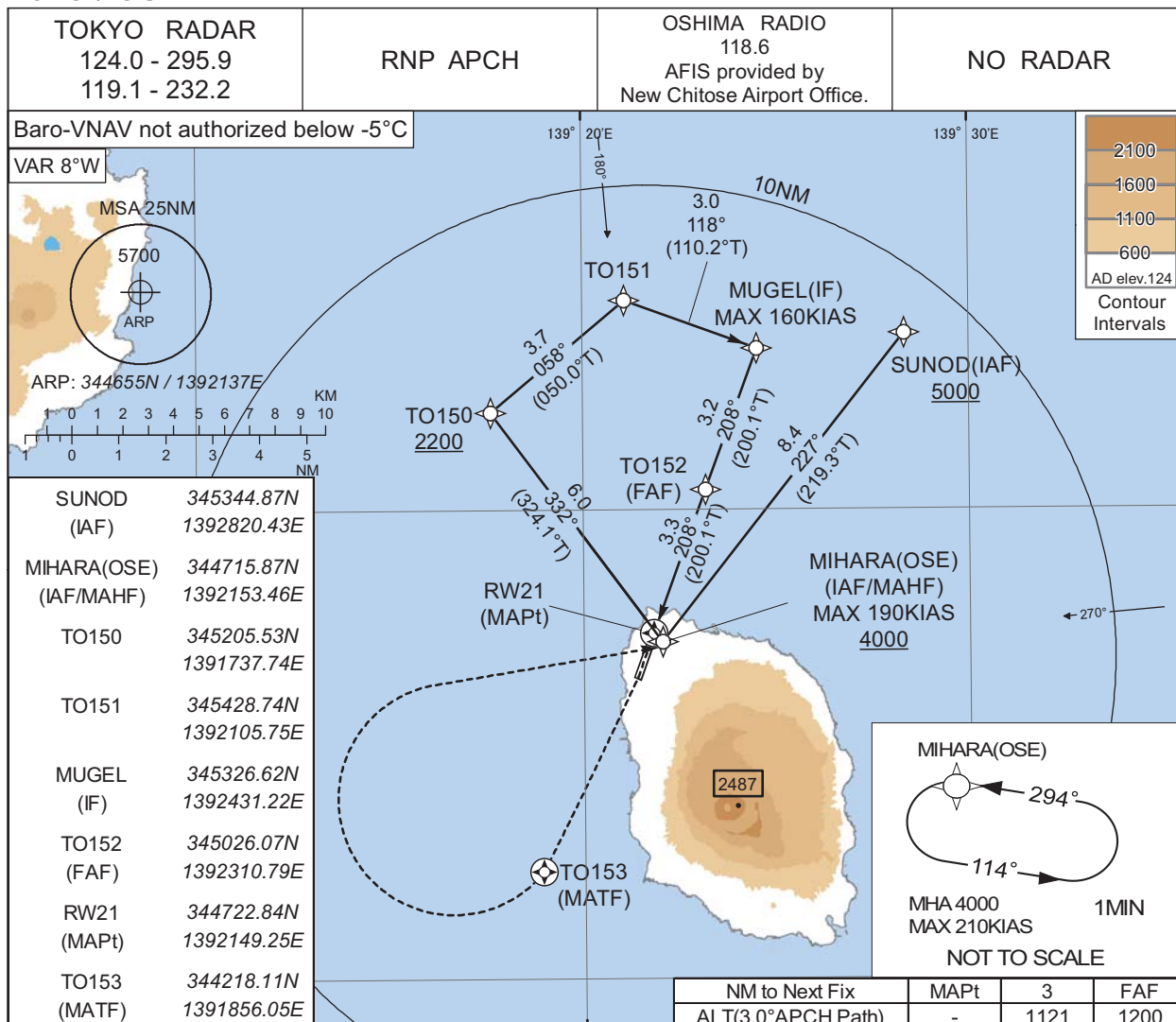
VOR B



INSTRUMENT APPROACH CHART

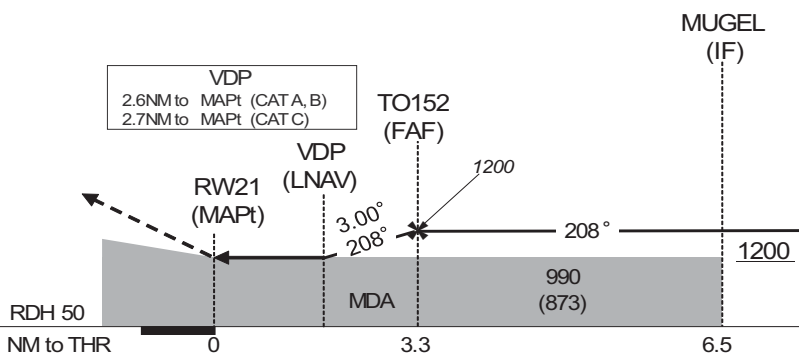
RJTO / OSHIMA

RNP RWY21



MISSED APPROACH

Direct to TO153, turn right direct to OSE and hold at 4000FT.
Contact OSHIMA RADIO.



Missed APCH climb gradient MNM 5.0%

| CAT | LNAV/VNAV | | LNAV | | CIRCLING | |
|-----|-----------|------|----------|------|----------|------|
| | DA(H) | CMV | MDA(H) | CMV | MDA(H) | VIS |
| A | 615(498) | 1500 | 960(843) | 1500 | 960(836) | 1600 |
| B | | | | | | |
| C | 641(524) | 2000 | 990(873) | 2000 | 990(866) | 2400 |
| D | - | - | - | - | - | - |

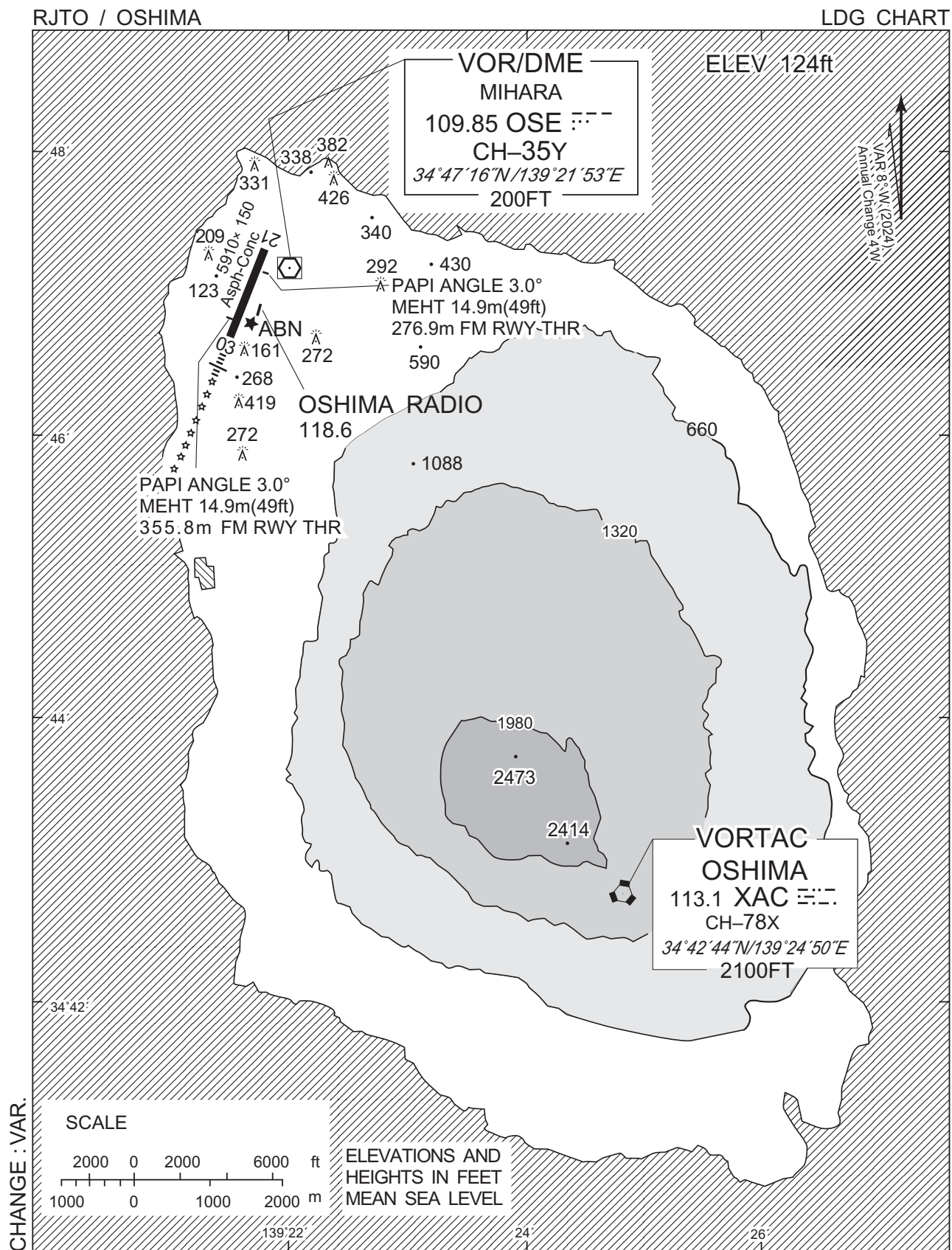
MINIMA with Missed APCH climb gradient of 2.5% are not established.

Circling to WEST side of RWY only.

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CHANGE : VAR.

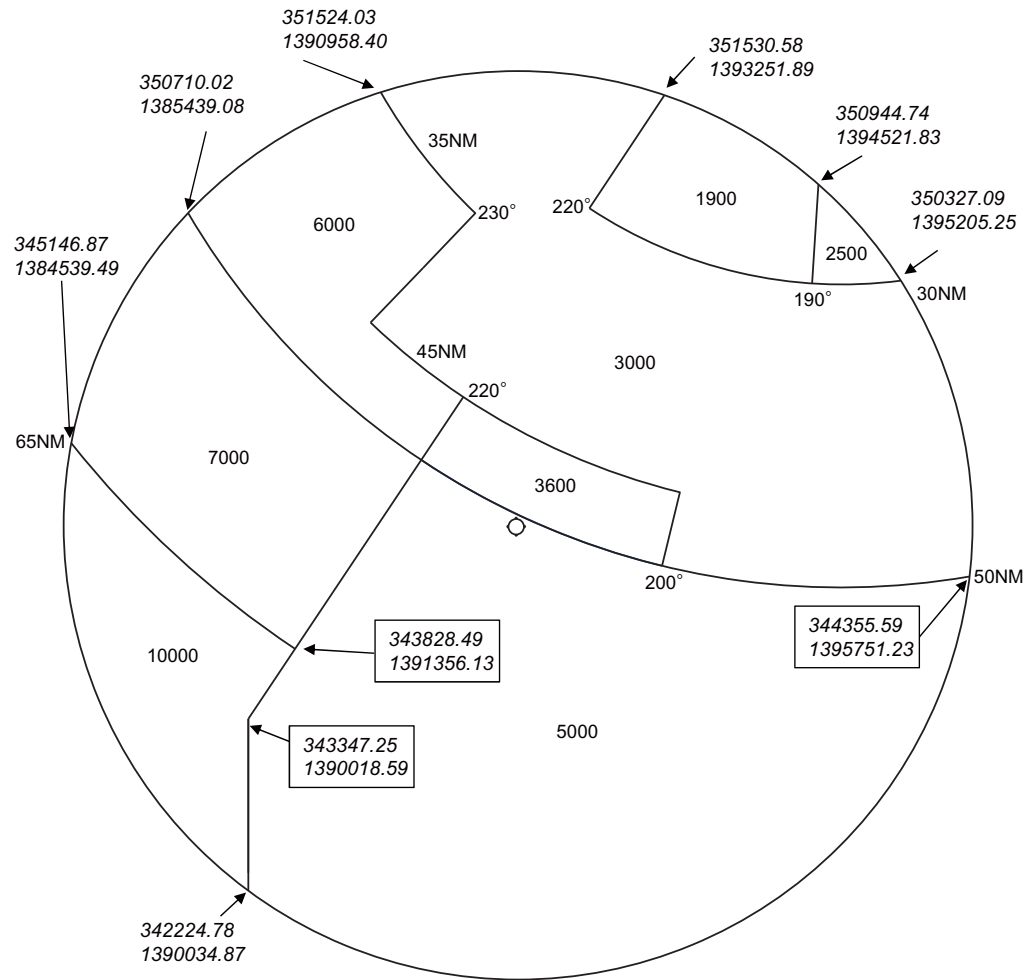
NOTE: In the SE direction of the airport, A/G COM from Oshima Radio is blinded by Mt Mihara(2,487ft)



RJTO / OSHIMA

Minimum Vectoring Altitude CHART

VAR 8°W (2019)



- CENTER : 344655N/1392137E (ARP)
- 344655N/1392137E RADIUS : 30NM
- RADIAL & DISTANCE FM 353312N/1394652E(TOKYO ARP)

CHANGE : VAR.