

AD 2 AERODROMES

RJSR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJSR - ODATE-NOSHIRO

RJSR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|--|
| 1 | ARP coordinates and site at AD | 401131N/1402218E 109°/1.0km from RWY11 THR |
| 2 | Direction and distance from (city) | 8.3NM W FM OODATE City |
| 3 | Elevation/ Reference temperature | 276ft /31°C (1997-2008) |
| 4 | Geoid undulation at AD ELEV PSN | 126ft |
| 5 | MAG VAR/ Annual change | 8°W(2006) / 1'E |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Odate-Noshiro Airport Administration Office (Akita prefectural government) 21-144,Wakigami-aza,karamushi-tai,kita-Akita City,AKITA,018-3454 JAPAN. TEL:0186-63-1001 FAX:0186-63-1009 E-mail:oodatenoshirokuukoujimusho@pref.akita.lg.jp |
| 7 | Types of traffic permitted (IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJSR AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|---|
| 1 | AD Administration | 2300 - 1030 |
| 2 | Customs and immigration | On request Customs: 018-845-0735 Immigration: 018-895-5221 |
| 3 | Health and sanitation | Quarantine(human): On request(018-846-8280) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24(TOKYO) |
| 7 | ATS | 2300 - 1030 Remarks: AFIS provided by New Chitose Airport Office. |
| 8 | Fuelling | 2300 - 0930 |
| 9 | Handling | 2240 - 0900 |
| 10 | Security | 2300 - 1030 |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJSR AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---------------------------------|
| 1 | Cargo-handling facilities | AVBL up to B767 passenger plane |
| 2 | Fuel/ oil types | JET A1 |
| 3 | Fuelling facilities/ capacity | Fuel truck /200kl |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

RJSR AD 2.5 PASSENGER FACILITIES

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

RJSR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | CAT 7 |
| 2 | Rescue equipment | Chemical fire fighting truck x 2 Emergency medical equipments conveyance truck x 1 |
| 3 | Capability for removal of disabled aircraft | Ask AD administration |
| 4 | Remarks | Nil |

RJSR AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | Snow plow x 4, Snow sweeper x 4, rotary x 4, spreader equipment x 1 |
| 2 | Clearance priorities | RWY, TWY, APRON |
| 3 | Remarks | Nil |

RJSR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|---|
| 1 | Apron surface and strength | Surface: Concrete Strength: PCR 734/R/C/W/T |
| 2 | Taxiway width, surface and strength | Width 30m Surface: asphalt-Concrete Strength: PCR 902/F/C/X/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not available |
| 5 | INS checkpoints | (Spot NR) 1 401142.42N ,1402218.33E 2 401142.04N ,1402220.50E 3 401141.71N ,1402223.00E 5 401141.37N ,1402225.50E |
| 6 | Remarks | Nil |

RJSR 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:RWY 11/29 (Marking): RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe, RWY turn pad edge, RWY turn pad CL (LGT): RCLL, REDL, RTHL, RENL, RTZL(RWY11), WBAR, Turning point indicator LGT, RWY DIST marker LGT TWY: (Marking):TWY CL, RWY HLDG PSN, 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 |

RJSR / ODATE-NOSHIRO

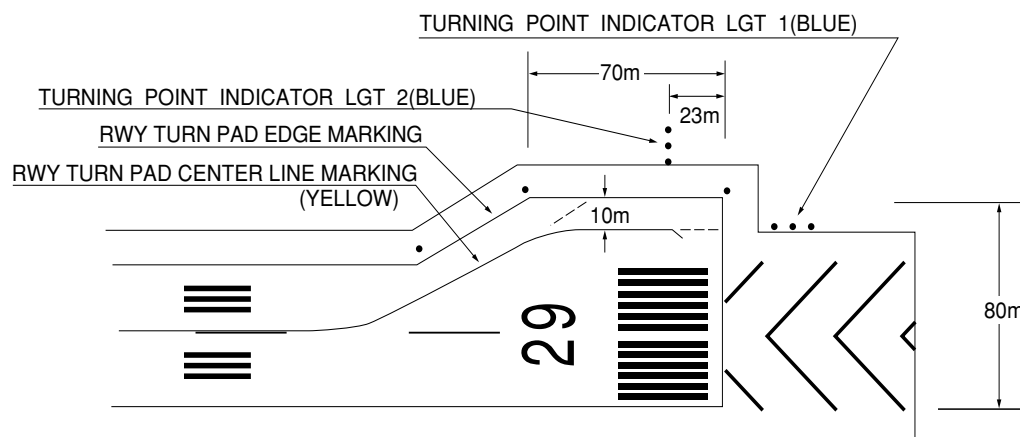
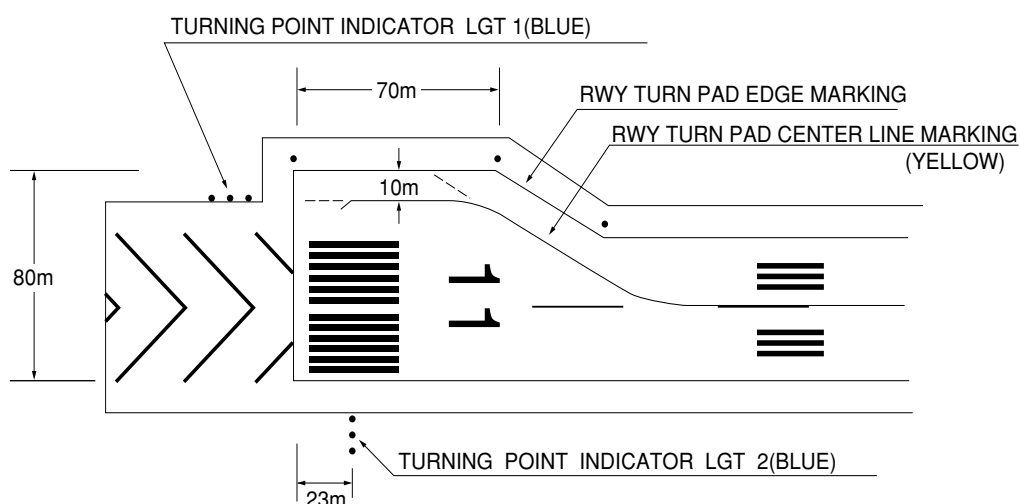
180° Turn on RWY

B767 型機用の滑走路 180° 転回実施要領

1. 滑走路中心線からターニングパッド中心線標識に従って進行する。
2. 転回灯 1 が一直線に見えるように進行し、転回灯 2 が一直線に見えたとき転回を開始する。転回時は MAX STEERING ANGLE を使用する。

180° turn procedure on RWY for B767 aircraft

1. Proceed along the RWY Center Line to the starting point of the RWY Turn Pad Center Line Marking ; then
2. Proceed along the RWY Turn Pad Center Line Marking to see the Turning Point Indicator Light 1 on a straight line, then commence turn at the spot where you (pilot) can see the Turning Point Indicator Light 2 on a straight line at an angle of 9 o'clock. When turning, take MAX STEERING ANGLE.

ODATE-NOSHIRO AP

RJSR AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

RJSR 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 ₁ , 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 |

RJSR 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 |
| 11 | 100.30° | 2000x45 | PCR 902/F/C/X/T Asphalt-Concrete | 401136.37N 1402135.51E 125.7FT | THR ELEV:259.2FT TDZ ELEV:269FT |
| 29 | 280.30° | 2000x45 | PCR 902/F/C/X/T Asphalt-Concrete | 401125.10N 1402258.78E 126FT | THR ELEV:292.0FT |
| Slope of RWY | | Strip Dimensions(M) | RESA (Overrun) Dimensions (M) | | Remarks |
| 7 | | 10 | 11 | | 14 |
| See below figure | | 2120x300 | 190x(MNM:149 MAX:297)* | | RWY Grooving : 2000x45m |
| | | 2120x300 | 40x(MNM:250 MAX:300)* *For detail, ask airport administrator | | |
| <p style="text-align: center;"><u>LONGITUDINAL PROFILE OF RUNWAY</u></p> <p>The diagram illustrates the longitudinal profile of the runway system. It shows a 0.5% upward slope from Runway 11 (elevation 259.18ft) to Runway 29 (elevation 291.99ft) over a total length of 2000m. The profile is represented by a line connecting two points, with a horizontal scale bar at the bottom indicating the 2000m distance.</p> | | | | | |

RJSR AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 11 | 2000 | 2000 | 2000 | 2000 | Nil |
| 29 | 2000 | 2000 | 2000 | 2000 | Nil |

RJSR 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 |
| 11 | PALS (CAT I) 900m LIH | Green Green | PAPI 3.0°/Left 347.2m 61ft | 900m | 2000m 30m Coded color (White/Red) LIH | 2000m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| 29 | SALS (*1) 420m LIH | Green Nil | PAPI 3.0°/Left 414.9m 61ft | Nil | 2000m 30m Coded color (White/Red) LIH | 2000m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| SALS with APCH LGT beacon(570m and 900m FM RWY 29 THR)(*1) Overrun area edge LGT(LEN:60m Color:Red) (*2) CGL for RWY 29 only | | | | | | | | |

RJSR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 401148N/1402216E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI:Nil Anemometer : RWY11:305m from RWY11 THR. LGTD RWY29:295m from RWY29 THR. LGTD |
| 3 | TWY edge and centerline lighting | TWY edge and center line lights installed, see AD 2.9 |
| 4 | Secondary power supply/ switch-over time | Within 15sec : ALL LGT |
| 5 | Remarks | WDI LGT |

RJSR AD 2.16 HELICOPTER LANDING AREA

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

RJSR 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 |
| Odate Noshiro information zone | Area within a radius of 9km(5NM) of Odate-Noshiro ARP. | 3,000 or below | E | Odate Radio En | |
| Shirakami ACA | See RJSK attached chart | | E | Shirakami APP En | |

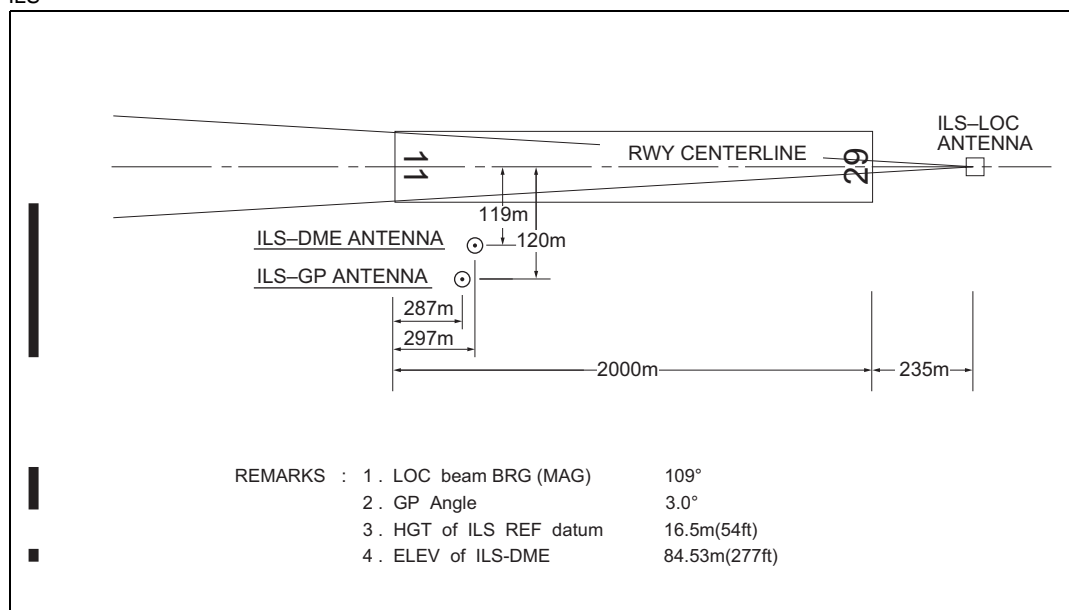
RJSR AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|--------------------|--|--------------------|--|
| 1 | 2 | 3 | 4 | 5 |
| APP | Shirakami Approach | 119.25MHz 315.3MHz 120.65MHz 121.5MHz (E) 243.0MHz (E) | 2200 - 1300 | |
| AFIS | Odate Radio | 118.75MHz | 2300 - 1030 | Operated by New Chitose Airport Office |

RJSR 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/2015) | ODE | 114.75MHz | 2300 - 1030 | 401154.03N/ 1402142.68E | | VOR unusable: 010°-020° beyond 35nm BLW 8000ft. 100°-110° beyond 35nm BLW 6000ft. 110°-130° beyond 35nm BLW 9000ft. 150°-160° beyond 30nm BLW 8000ft. 320°-340° beyond 35nm BLW 6000ft. 340°-350° beyond 25nm BLW 6000ft. 350°-360° beyond 35nm BLW 8000ft. |
| DME | ODE | 1055MHz (CH-94Y) | 2300 - 1030 | 401154.03N/ 1402142.68E | 308ft | DME unusable: 100°-110° beyond 35nm BLW 6000ft. 110°-130° beyond 35nm BLW 9000ft. 150°-160° beyond 30nm BLW 8000ft. 320°-340° beyond 35nm BLW 6000ft. 340°-350° beyond 35nm BLW 6000ft. 350°-360° beyond 35nm BLW 8000ft. |
| ILS-LOC 11 | IOD | 110.15MHz | 2300 - 1030 | 401123.77N/ 1402308.57E | | LOC:235m(771ft) away FM RWY 29 THR, BRG(MAG)109°. |
| ILS-GP 11 | - | 334.25MHz | 2300 - 1030 | 401130.88N/ 1402146.57E | | GP:287m(942ft) inside FM RWY 11 THR. 120m(394ft) S of RCL. HGT of ILS REF datum 16.5m (54ft). GP angle 3.0°. |
| ILS-DME 11 | IOD | 1125MHz | 2300 - 1030 | 401130.87N/ 1402146.99E | 277ft | DME:297m(974ft) inside FM RWY 11 THR. 119m(390ft) S of RCL. |

ILS



RJSR AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

| |
|-----|
| Nil |
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2. Taxiing to and from stands

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| Nil |
|-----|

3. Parking area for small aircraft(General aviation)

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|-----|
| 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 |
|-----|

RJSR AD 2.21 NOISE ABATEMENT PROCEDURES

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

RJSR AD 2.22 FLIGHT PROCEDURES

1. 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 | 11 | A, B, C, D | 200'-800m | 200'-800m | 200'-800m | 200'-800m | - | 200'-800m |
| | 29 | A, B, C, D | - | 200'-800m | - | 200'-800m | - | 200'-800m |
| OTHER | 11 | A, B, C, D | AVBL LDG MINIMA | | | | | |
| | 29 | A, B, C, D | | | | | | |

2. Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with Shirakami Approach are lost for 1 minute, squawk Mode A/3 Code 7600 and;

- (I)
 - 1. Contact Odate Radio.
 - 2. If unable, proceed in accordance with visual flight rules.
 - 3. If unable, proceed to ODATE VOR/DME at last assigned altitude or 4,000 feet whichever is higher, and execute instrument approach.
- (II) Procedures other than above will be issued when situation requires.

RJSR AD 2.23 ADDITIONAL INFORMATION

Nil

RJSR AD 2.24 CHARTS RELATED TO AN AERODROME

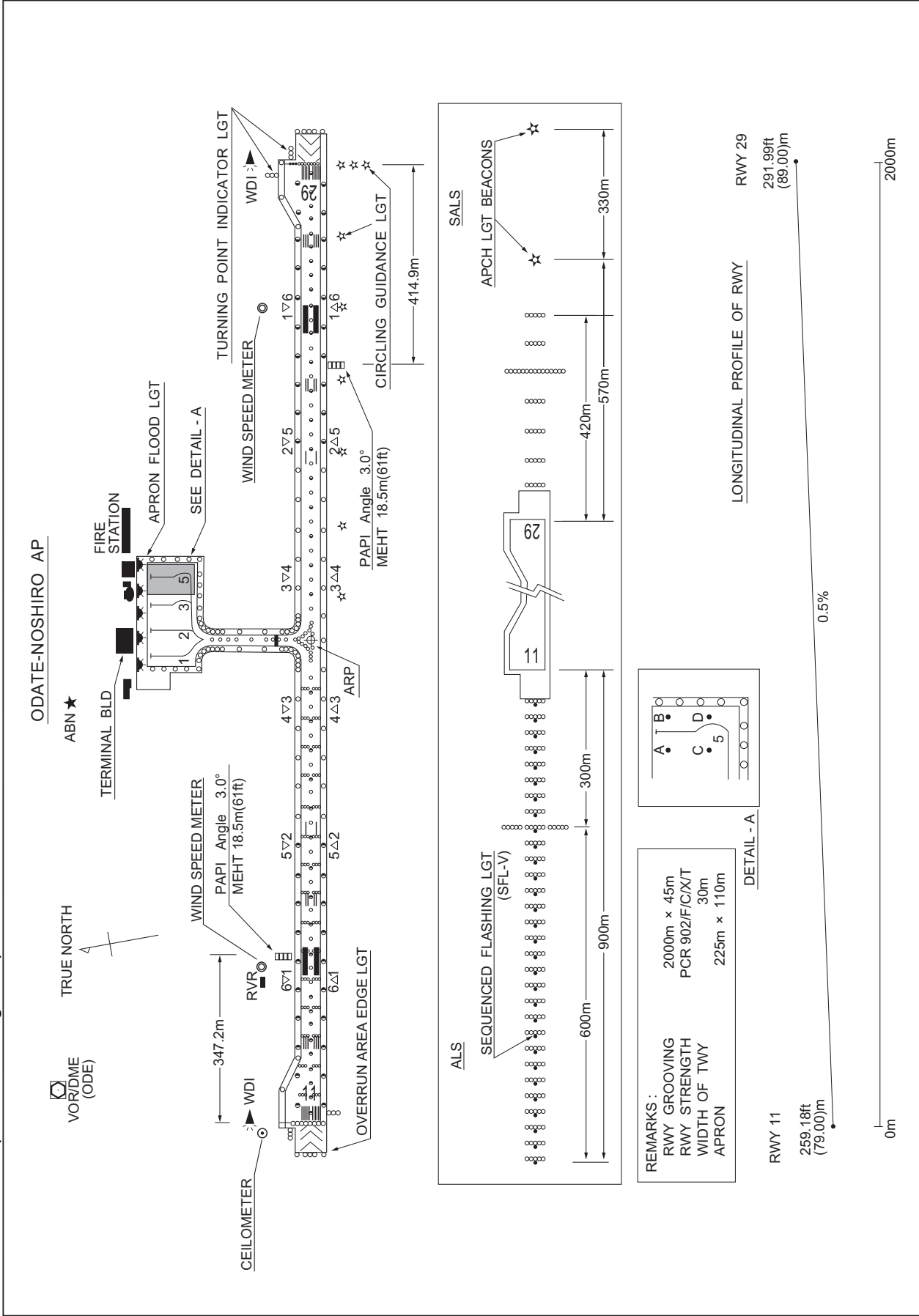
Aerodrome/Heliport Chart
 Standard Departure Chart - Instrument (ODATE REVERSAL)
 Standard Departure Chart - Instrument (LAGOON)
 Standard Arrival Chart - Instrument
 Instrument Approach Chart (ILS Z or LOC Z RWY11)
 Instrument Approach Chart (ILS Y or LOC Y RWY11)
 Instrument Approach Chart (VOR A)
 Instrument Approach Chart (RNP Z RWY29 (AR))
 Instrument Approach Chart (RNP Y RWY29 (AR))
 Other Chart (Visual REP)
 Other Chart (LDG CHART)
 Other Chart (MVA CHART)

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AD CHART

CHANGE : Description of strength of pavement.



STANDARD DEPARTURE CHART -INSTRUMENT

RJSR / ODATE-NOSHIRO

SID

ODATE REVERSAL TWO DEPARTURE

RWY11 : Climb RWY HDG to 1800FT, turn right HDG332° to intercept and proceed...

RWY29 : Climb RWY HDG to ODE 3.0DME,...

...via ODE R287 to 6.0DME, turn left, direct to ODE VOR/DME.

Cross ODE VOR/DME at or above 6000FT.

Note RWY11 : 5.0% climb gradient required up to 1800FT.

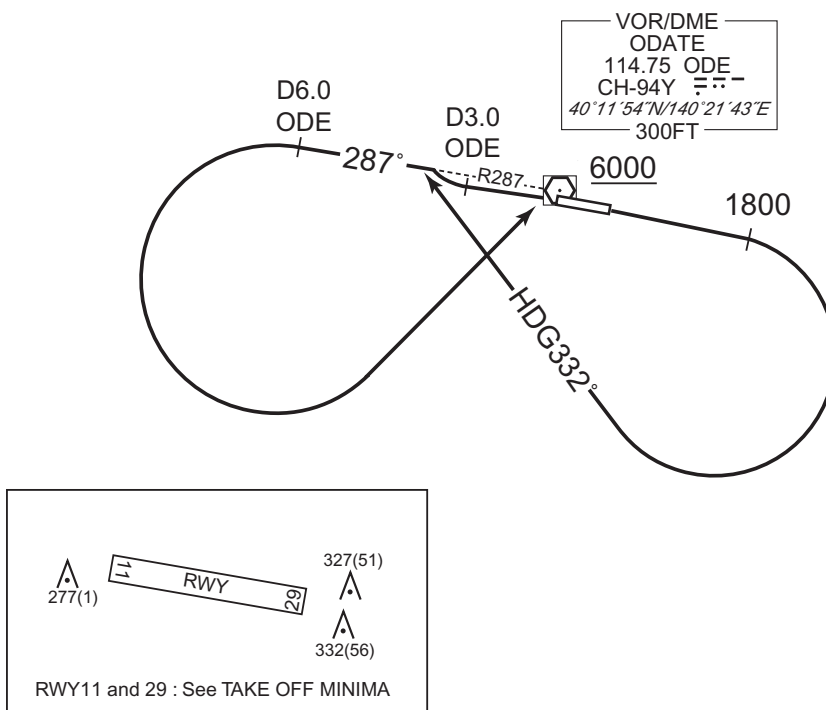
OBST ALT 1313FT located at 4.3NM 093° FM end of RWY11.

OBST ALT 2100FT located at 9.5NM 137° FM end of RWY11.

RWY29 : 4.0% climb gradient required up to 700FT.

OBST ALT 656FT located at 2.1NM 276° FM end of RWY29.

CHANGE : Description of PROC name.



STANDARD DEPARTURE CHART -INSTRUMENT

RJSR / ODATE-NOSHIRO

SID

LAGOON THREE DEPARTURE

RWY11 : Climb RWY HDG to 1800FT, turn right HDG332° to intercept and proceed...

RWY29 : Climb RWY HDG to ODE 3.0DME,...

...via ODE R287 to NOSSY, turn left, via UWE R360 to UWE VOR/DME.

Cross NOSSY at or above 3000FT.

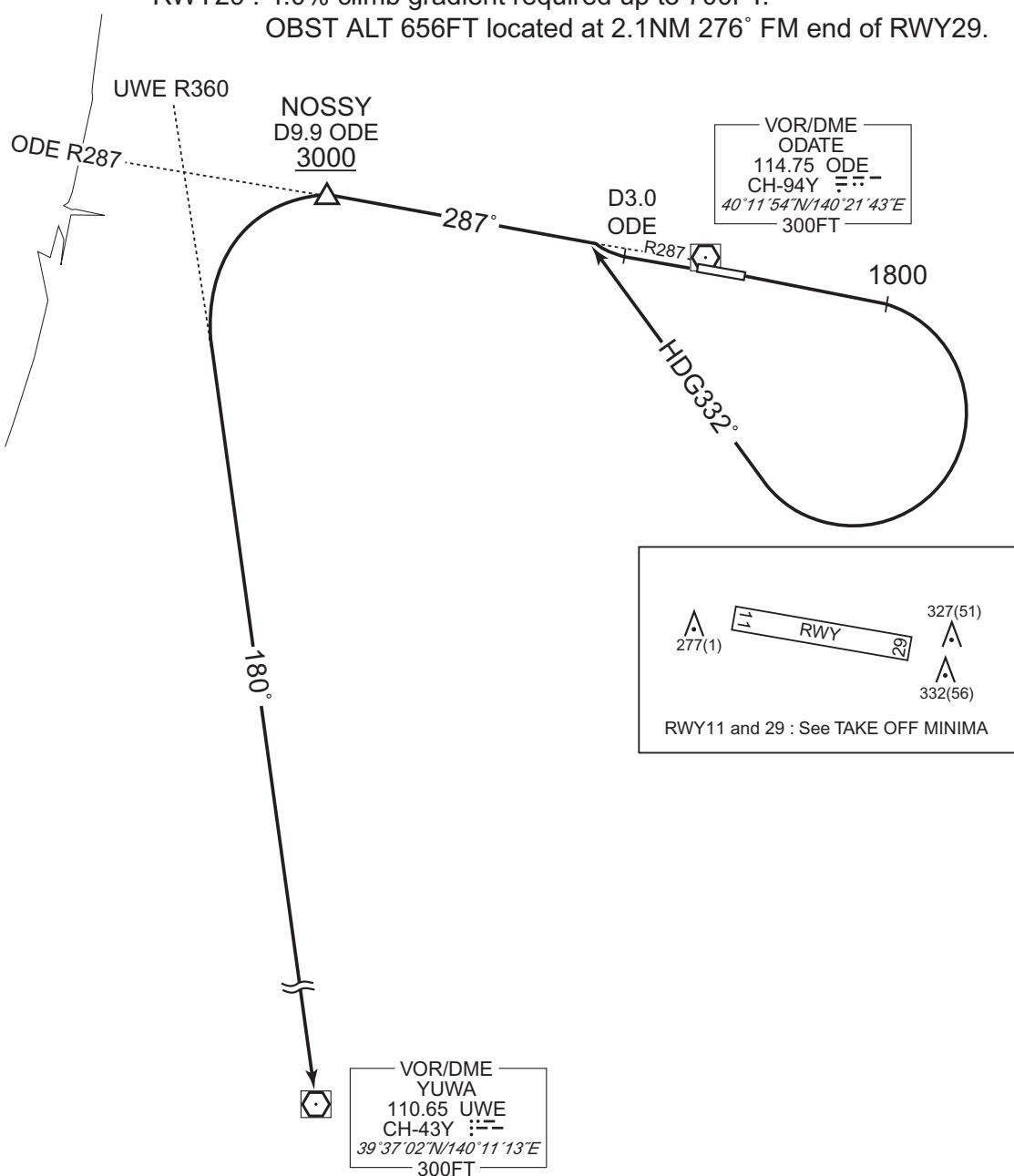
Note RWY11 : 5.0% climb gradient required up to 1800FT.

OBST ALT 1313FT located at 4.3NM 093° FM end of RWY11.

OBST ALT 2100FT located at 9.5NM 137° FM end of RWY11.

RWY29 : 4.0% climb gradient required up to 700FT.

OBST ALT 656FT located at 2.1NM 276° FM end of RWY29.



CHANGE : Description of PROC name.

STANDARD ARRIVAL CHART - INSTRUMENT

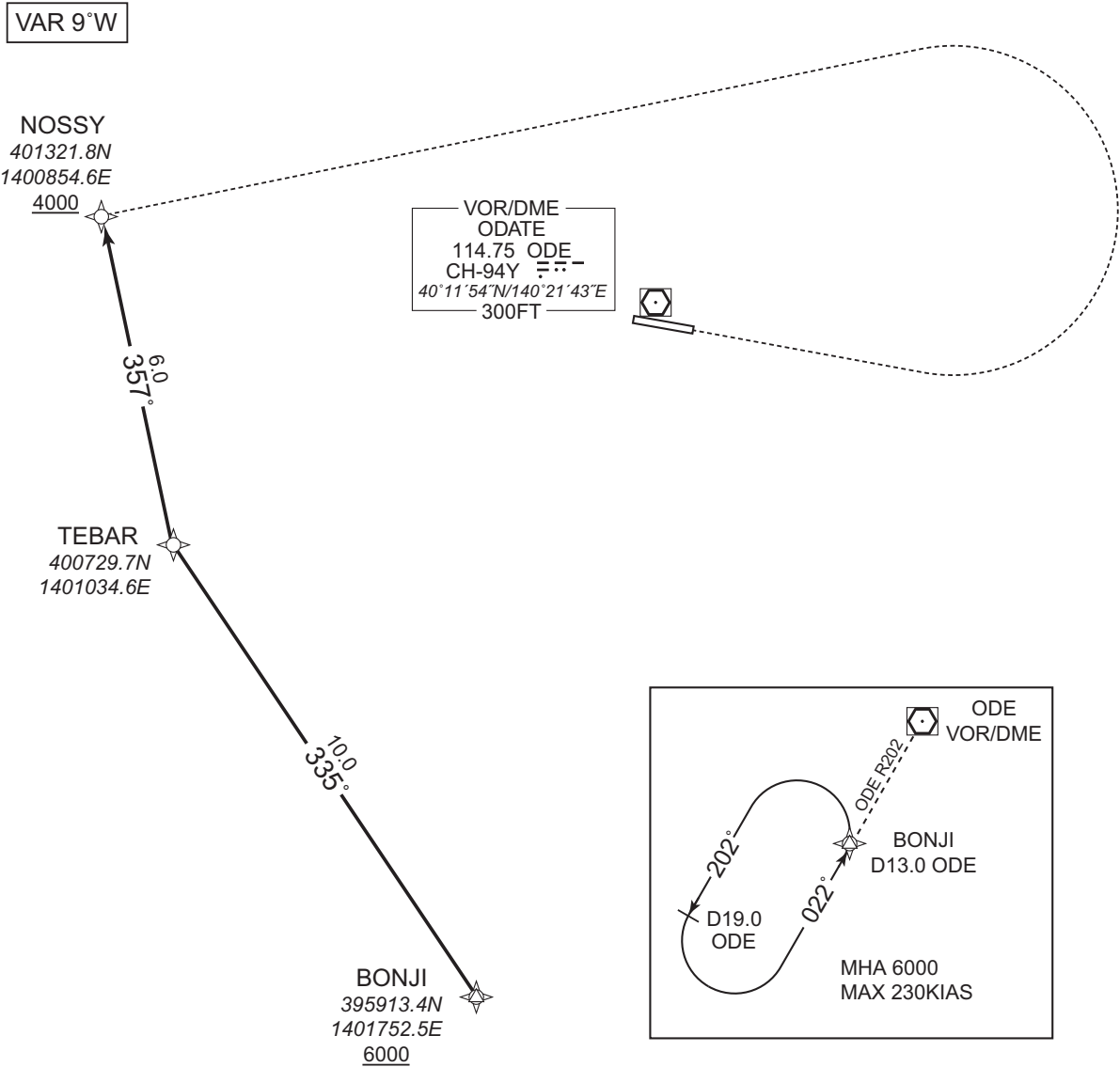
RJSR / ODATE-NOSHIRO

RNAV STAR RWY29

NOSSY ARRIVAL

RNP1

Note GNSS required.

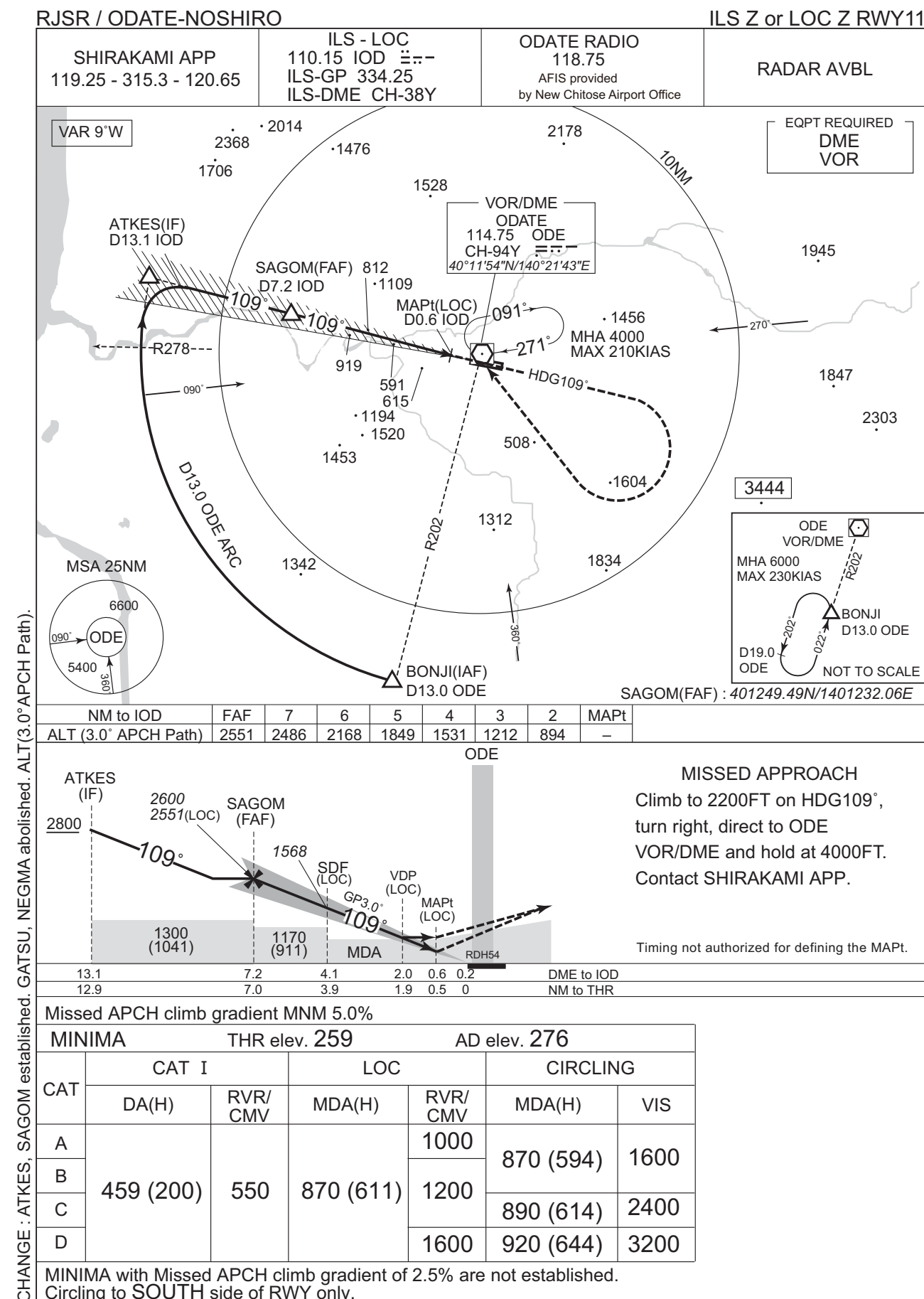


From BONJI at or above 6000FT, to TEBAR, to NOSSY at or above 4000FT.

| 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 | IF | BONJI | — | — | -8.8 | — | — | +6000 | — | — | RNP1 |
| 002 | TF | TEBAR | — | 335 (326.0) | -8.8 | 10.0 | — | — | — | — | RNP1 |
| 003 | TF | NOSSY | — | 357 (347.8) | -8.8 | 6.0 | — | +4000 | — | — | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

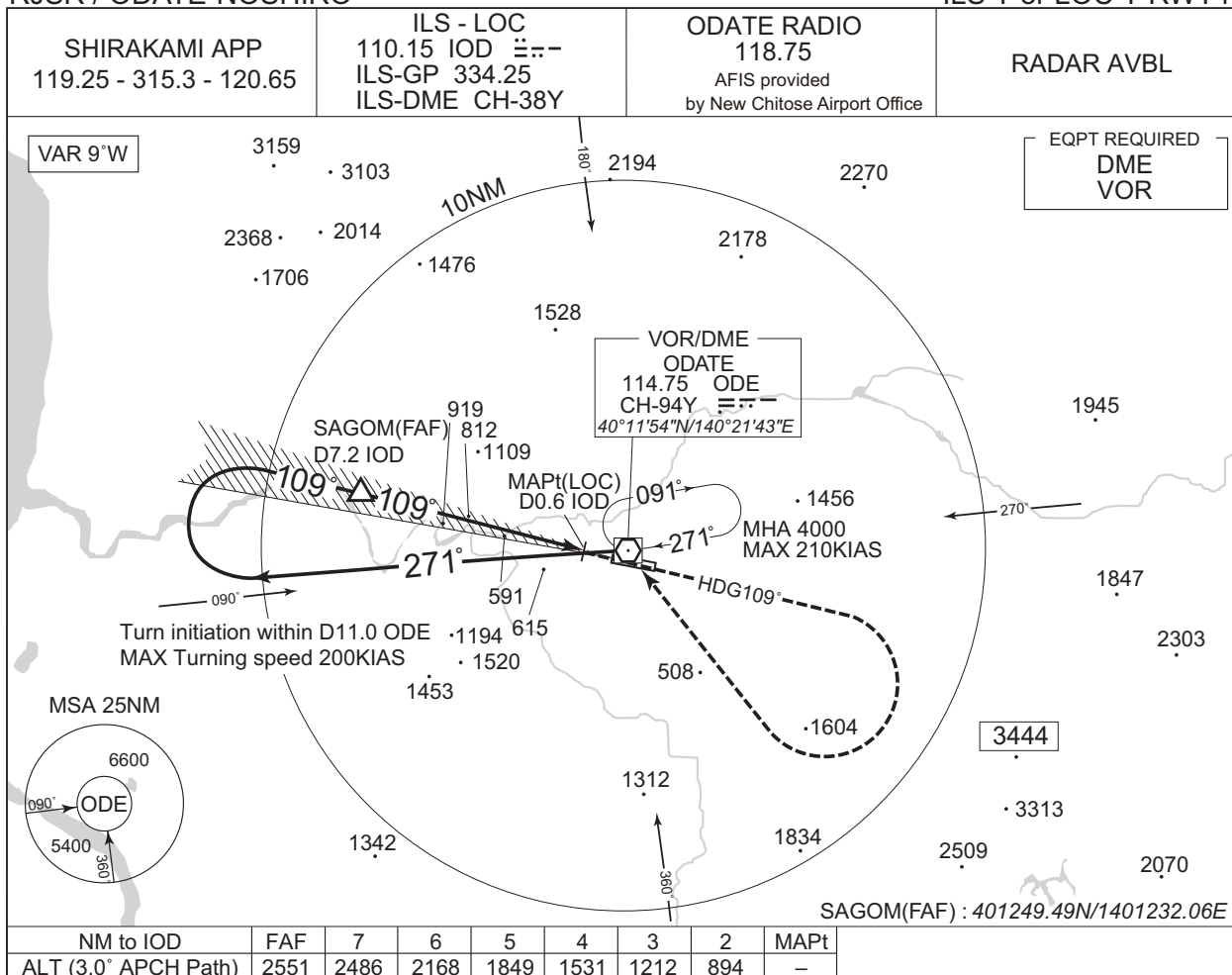
INSTRUMENT APPROACH CHART



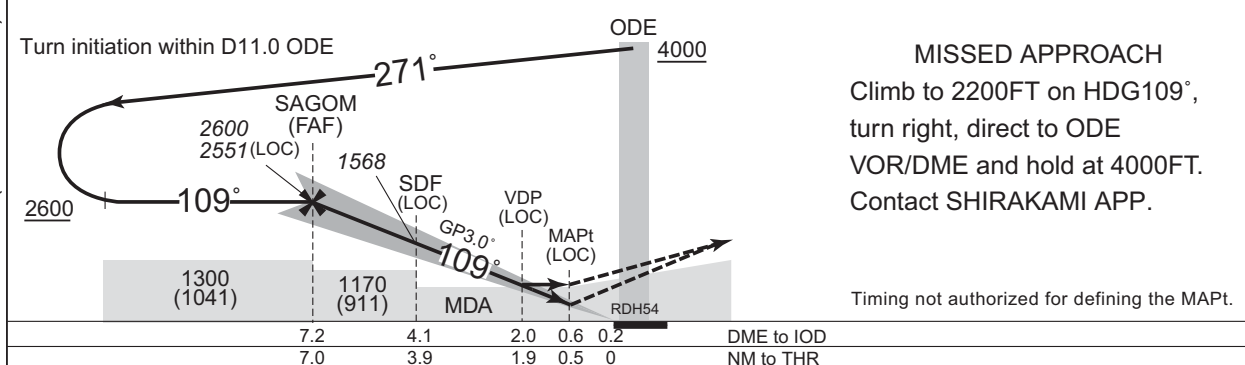
INSTRUMENT APPROACH CHART

RJSR / ODATE-NOSHIRO

ILS Y or LOC Y RWY11



CHANGE : SAGOM established. NEGMA abolished. ALT(3.0°APCH Path).

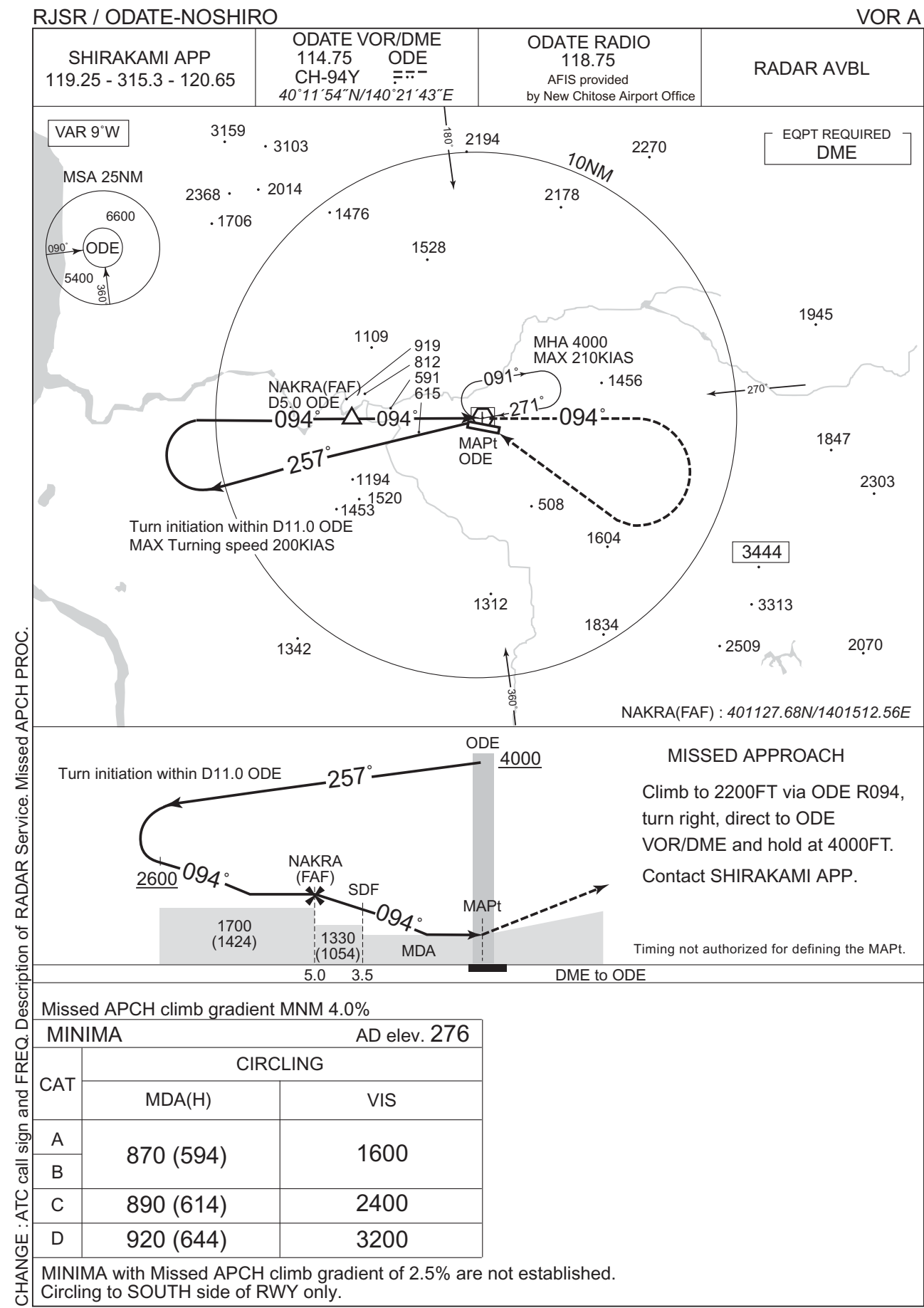


Missed APCH climb gradient MNM 5.0%

| MINIMA | | THR elev. 259 | | AD elev. 276 | | |
|--------|-----------|---------------|-----------|--------------|-----------|------|
| CAT | CAT I | | LOC | | CIRCLING | |
| | DA(H) | RVR/ CMV | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 459 (200) | 550 | 870 (611) | 1000 | 870 (594) | 1600 |
| B | | | | 1200 | | |
| C | | | | | 890 (614) | 2400 |
| D | | | | 1600 | 920 (644) | 3200 |

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

INSTRUMENT APPROACH CHART

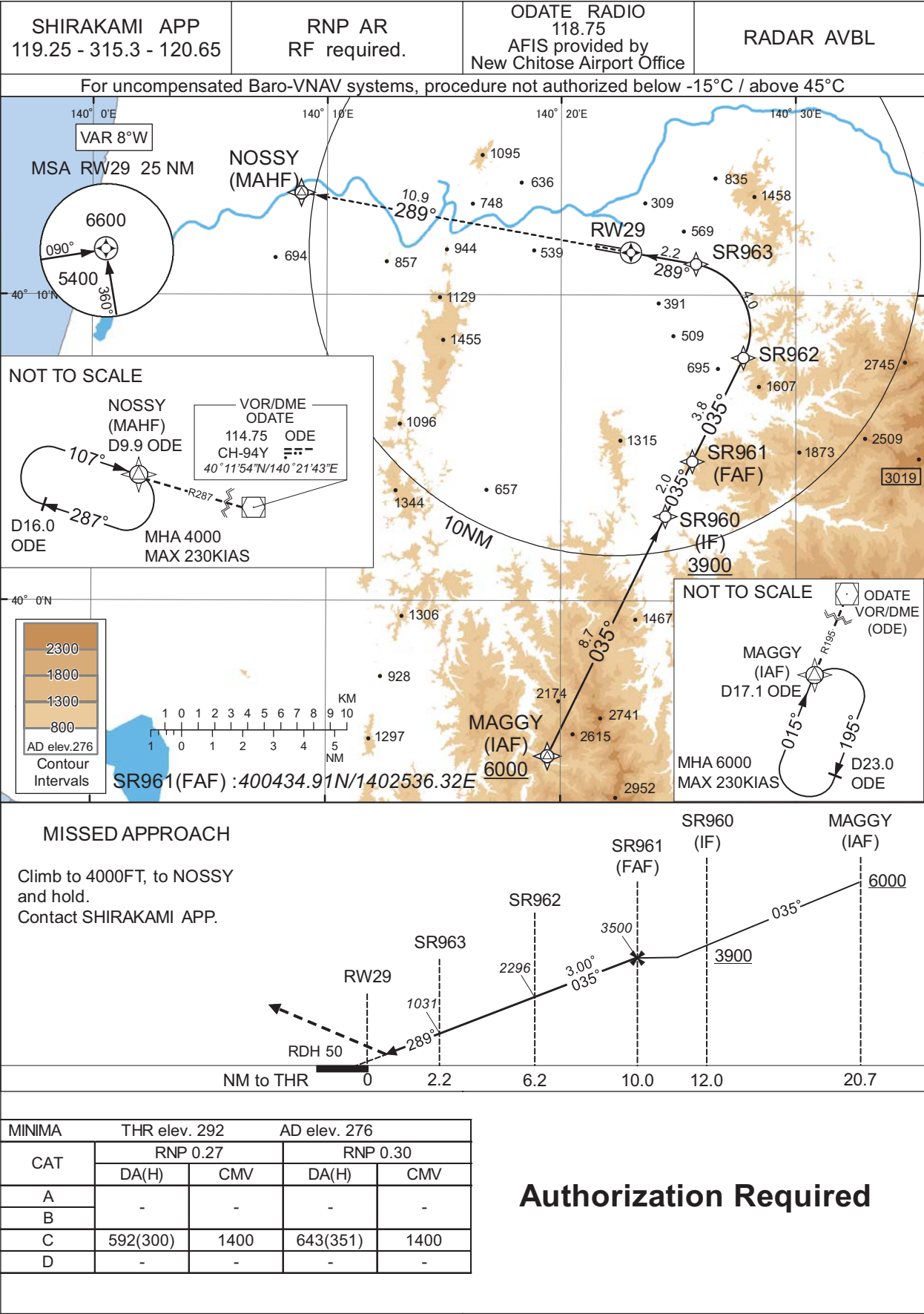


CHANGE : ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.

INSTRUMENT APPROACH CHART

RJSR / ODATE-NOSHIRO

RNP Z RWY29(AR)



CHANGE : ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.

INSTRUMENT APPROACH CHART

RJSR / ODATE-NOSHIRO

RNP Z RWY29(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 | MAGGY | - | - | -8.5 | - | - | +6000 | - | - | - |
| 002 | TF | SR960 | - | 035 (026.1) | -8.5 | 8.7 | - | +3900 | - | - | 1.0 |
| 003 | TF | SR961 | - | 035 (026.1) | -8.5 | 2.0 | - | 3500 | - | - | 1.0 |
| 004 | TF | SR962 | - | 035 (026.1) | -8.5 | 3.8 | - | 2296 | - | -3.00 | 0.27 0.30 |
| 005 | RF Center: SRRF1 r=2.15NM | SR963 | - | - | -8.5 | 4.0 | L | 1031 | - | -3.00 | 0.27 0.30 |
| 006 | TF | RW29 | Y | 289 (280.1) | -8.5 | 2.2 | - | 342 | - | -3.00/50 | 0.27 0.30 |
| 007 | TF | NOSSY | - | 289 (280.3) | -8.5 | 10.9 | - | 4000 | - | - | 1.0 |

Waypoint Coordinates

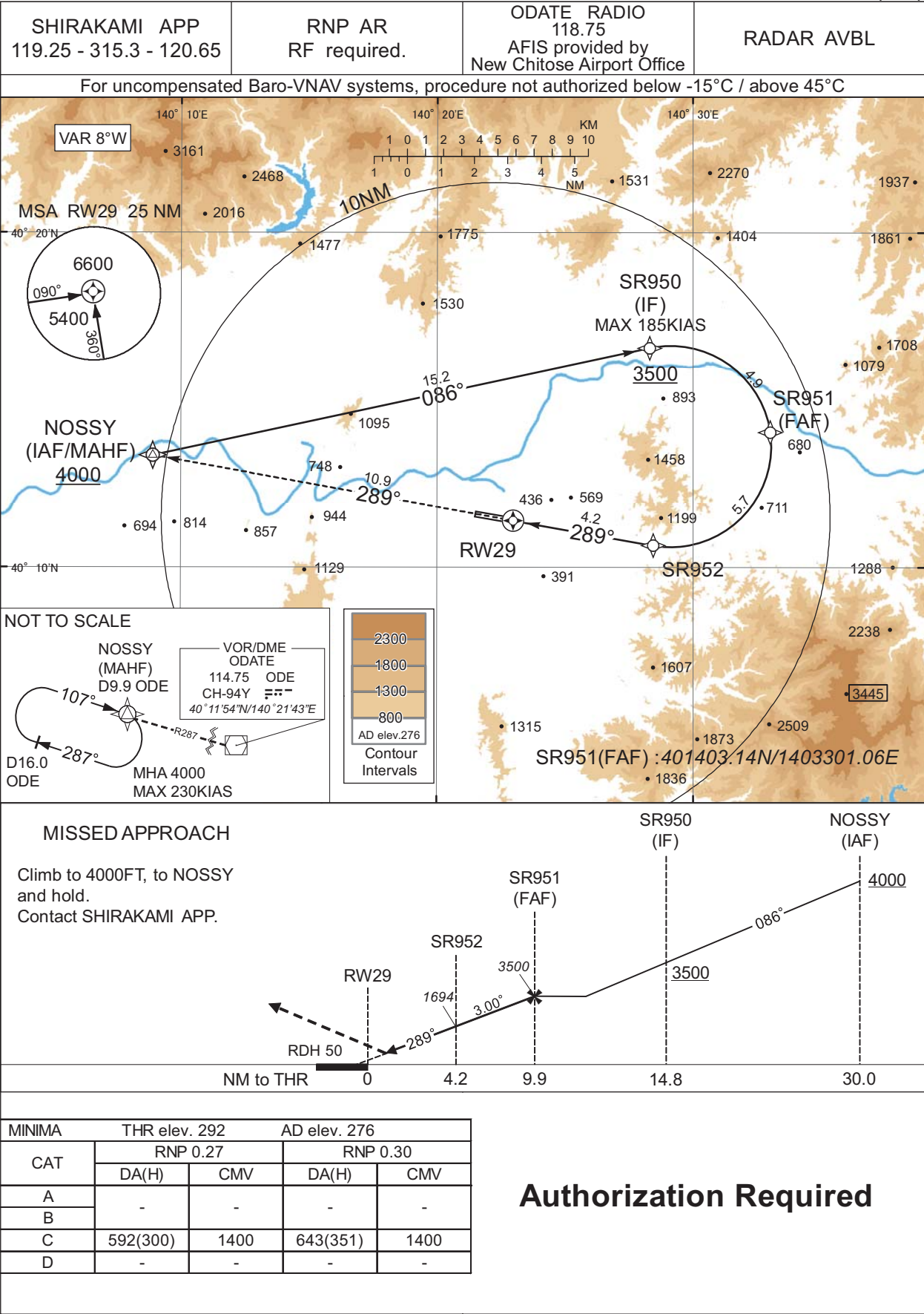
| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| MAGGY | 395456.61N / 1401926.80E | SRRF1 | 400855.54N / 1402516.24E |
| SR960 | 400247.11N / 1402427.29E | | |
| SR961 | 400434.91N / 1402536.32E | | |
| SR962 | 400758.60N / 1402746.93E | | |
| SR963 | 401102.48N / 1402545.54E | | |
| RW29 | 401125.10N / 1402258.78E | | |
| NOSSY | 401321.82N / 1400854.64E | | |

CHANGE : PROC renamed.

INSTRUMENT APPROACH CHART

RJSR / ODATE-NOSHIRO

RNP Y RWY29(AR)



CHANGE : ATC call sign and FREQ. Description of RADAR Service. Missed APCH PROC.

INSTRUMENT APPROACH CHART

RJSR / ODATE-NOSHIRO

RNP Y RWY29(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 | NOSSY | - | - | -8.5 | - | - | +4000 | - | - | - |
| 002 | TF | SR950 | - | 086 (077.7) | -8.5 | 15.2 | - | +3500 | -185 | - | 1.0 |
| 003 | RF Center: SRRF2 r=3.00NM | SR951 | - | - | -8.5 | 4.9 | R | 3500 | - | - | 1.0 |
| 004 | RF Center: SRRF2 r=3.00NM | SR952 | - | - | -8.5 | 5.7 | R | 1694 | - | -3.00 | 0.27 0.30 |
| 005 | TF | RW29 | Y | 289 (280.1) | -8.5 | 4.2 | - | 342 | - | -3.00/50 | 0.27 0.30 |
| 006 | TF | NOSSY | - | 289 (280.3) | -8.5 | 10.9 | - | 4000 | - | - | 1.0 |

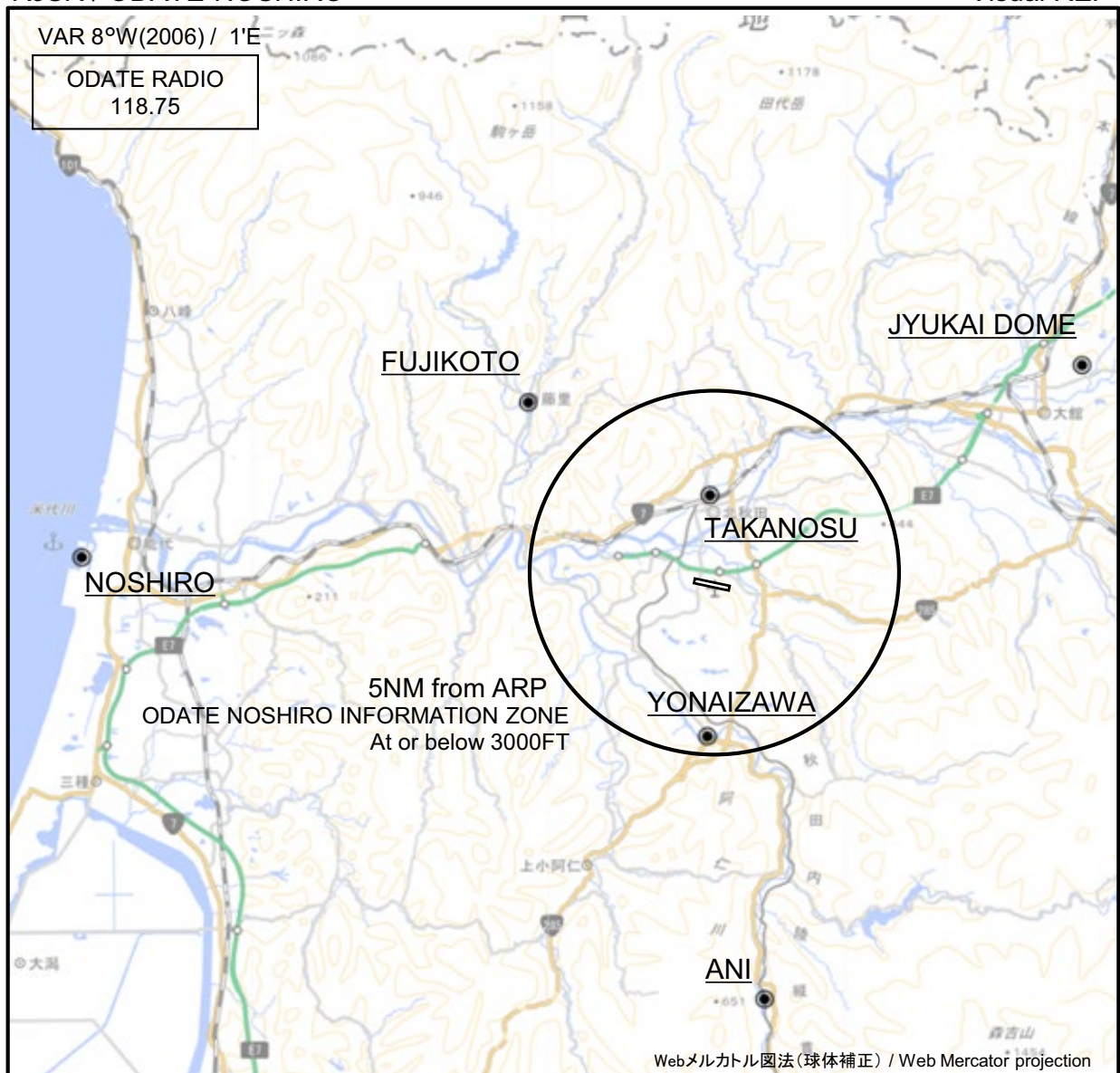
Waypoint Coordinates

| Waypoint Identifier | Coordinates | RF Arc Center Identifier | Coordinates |
|---------------------|--------------------------|--------------------------|--------------------------|
| SR950 | 401634.48N / 1402818.75E | SRRF2 | 401338.11N / 1402908.01E |
| SR951 | 401403.14N / 1403301.06E | | |
| SR952 | 401040.53N / 1402826.85E | | |
| RW29 | 401125.10N / 1402258.78E | | |
| NOSSY | 401321.82N / 1400854.64E | | |

CHANGE : PROC renamed.

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Visual REP



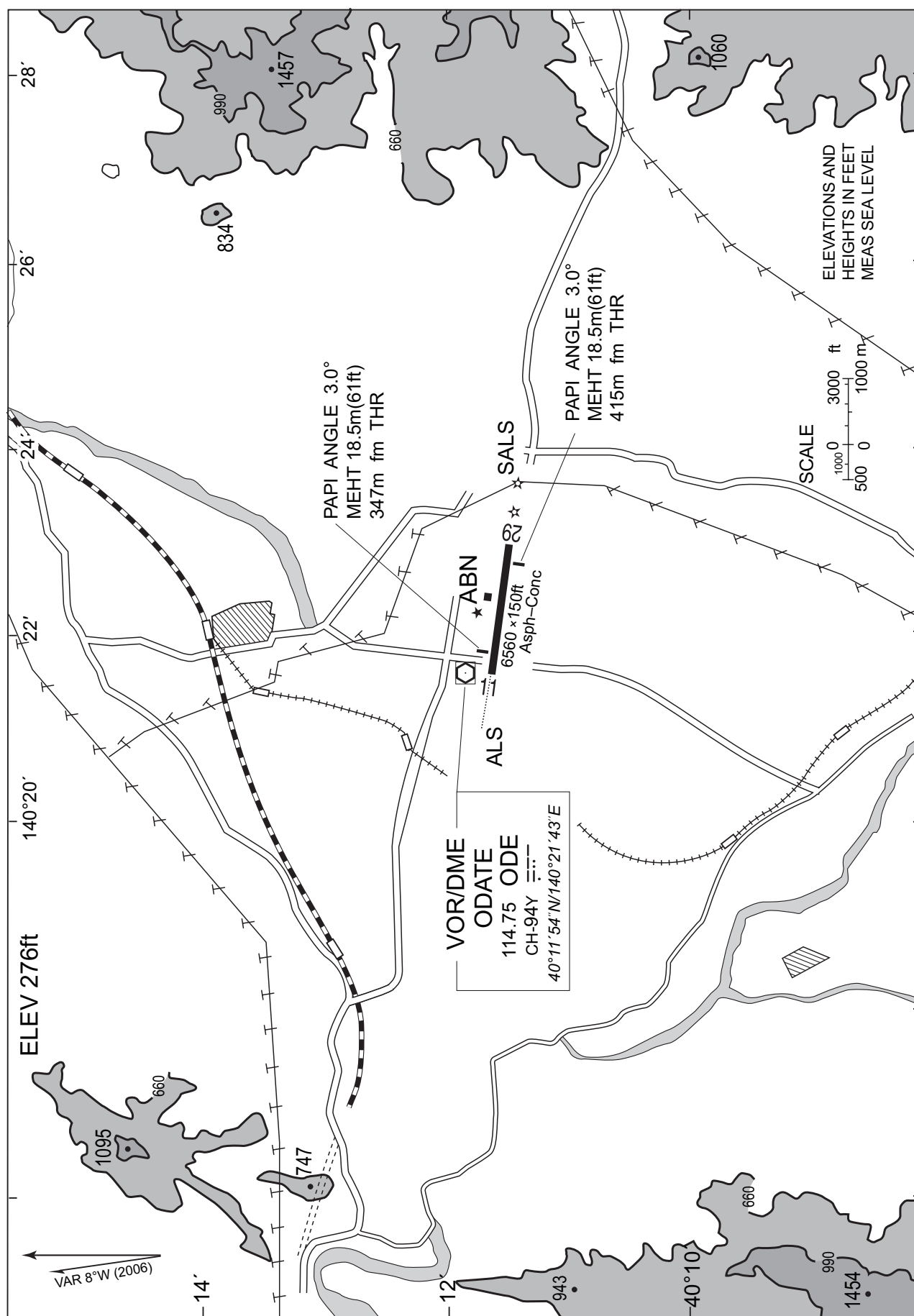
※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Call sign(REMOTE→RADIO).

| Call sign | BRG / DIST from ARP | Remarks |
|----------------------|---------------------|---|
| 樹海ドーム Jyukai Dome | 058°T / 11.6NM | 大館市白色ドーム White Dome Odate City |
| 藤琴 Fujikoto | 314°T / 7.2NM | 粕毛川・藤琴川交点 Intersection Kasuge and Fujikoto River |
| 鷹巣 Takanosu | 357°T / 2.5NM | JR駅北側 North of JR Station |
| 能代 Noshiro | 272°T / 17.3NM | 能代港 Noshiro Harbor |
| 米内沢 Yonaizawa | 183°T / 4.2NM | 内陸線米内沢駅南側米内沢橋 Bridge |
| 阿仁 Ani | 173°T / 11.6NM | 内陸線阿仁合駅 Station |

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LDG CHART



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Minimum Vectoring Altitude CHART

