

## AD 2 AERODROMES

## RJOR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJOR - TOTTORI

## RJOR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |                                                                                              |                                                                                                                                                                  |
|---|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at AD                                                               | 353148N 1340954E<br>1.06km FM RWY 10 THR                                                                                                                         |
| 2 | Direction and distance from (city)                                                           | 5km NW from Tottori City                                                                                                                                         |
| 3 | Elevation/ Reference temperature                                                             | 48ft / 30°C(2003-2008)                                                                                                                                           |
| 4 | Geoid undulation at AD ELEV PSN                                                              | 117ft                                                                                                                                                            |
| 5 | MAG VAR/ Annual change                                                                       | 8°W(2014) / 1°W                                                                                                                                                  |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Tottori Airport Building Co., Ltd<br>4-110-5 koyama-cho Tottori-shi 680-0947 Japan<br>Tel 0857-28-1150 Fax 0857-28-4244<br>e-mail : kukokanribu@ttj-ap-bld.co.jp |
| 7 | Types of traffic permitted(IFR/VFR)                                                          | IFR/VFR                                                                                                                                                          |
| 8 | Remarks                                                                                      | Nil                                                                                                                                                              |

## RJOR AD 2.3 OPERATIONAL HOURS

|    |                           |                                                                                                                      |
|----|---------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1  | AD Administration         | 2200 - 1230                                                                                                          |
| 2  | Customs and immigration   | On request<br>Customs: 0859-42-2228<br>Immigration: 0859-47-3600                                                     |
| 3  | Health and sanitation     | On request<br>Quarantine(human): 0859-42-3517<br>Quarantine(animal): 0859-45-3800<br>Quarantine(plant): 0859-42-2513 |
| 4  | AIS Briefing Office       | Nil                                                                                                                  |
| 5  | ATS Reporting Office(ARO) | Nil                                                                                                                  |
| 6  | MET Briefing Office       | H24 (KANSAI)                                                                                                         |
| 7  | ATS                       | 2200 - 1230<br>Remarks : AFIS provided by Osaka Airport Office.                                                      |
| 8  | Fuelling                  | 2100 - 1000                                                                                                          |
| 9  | Handling                  | 2100 - 1230                                                                                                          |
| 10 | Security                  | 2100 - 0930                                                                                                          |
| 11 | De-icing                  | 2100 - 1230                                                                                                          |
| 12 | Remarks                   | Nil                                                                                                                  |

**RJOR AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |                                         |                              |
|---|-----------------------------------------|------------------------------|
| 1 | Cargo-handling facilities               | Container LD3 , LD4 , LD3`45 |
| 2 | Fuel/ oil types                         | JET A-1                      |
| 3 | Fuelling facilities/ capacity           | Fuel Truck X 2 / 1200L X 2   |
| 4 | De-icing facilities                     | Nil                          |
| 5 | Hangar space for visiting aircraft      | Nil                          |
| 6 | Repair facilities for visiting aircraft | Nil                          |
| 7 | Remarks                                 | Nil                          |

**RJOR AD 2.5 PASSENGER FACILITIES**

|   |                      |                                |
|---|----------------------|--------------------------------|
| 1 | Hotels               | In Tottori city                |
| 2 | Restaurants          | At airport                     |
| 3 | Transportation       | Bus and taxi                   |
| 4 | Medical facilities   | Hospital in Tottori city 1km   |
| 5 | Bank and Post Office | Nil(Cash dispenser at airport) |
| 6 | Tourist Office       | Nil                            |
| 7 | Remarks              | Information counter in airport |

**RJOR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |                                             |                                                                                     |
|---|---------------------------------------------|-------------------------------------------------------------------------------------|
| 1 | AD category for fire fighting               | CAT 8                                                                               |
| 2 | Rescue equipment                            | Chemical fire fighting truck x 3 ,<br>Emergency medical equipments conveyance truck |
| 3 | Capability for removal of disabled aircraft | Ask AD Administration                                                               |
| 4 | Remarks                                     | Nil                                                                                 |

**RJOR AD 2.7 SEASONAL AVAILABILITY-CLEARING**

|   |                             |                                                                                                                                                                       |
|---|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Types of clearing equipment | Snow removal equipments :<br>motor graders x 16                                                                                                                       |
| 2 | Clearance priorities        | 1.RWY , West TWY , West APRON<br>2.East TWY , East APRON Small APRON                                                                                                  |
| 3 | Remarks                     | Seasonal availability: All seasons<br>Snow removal will be commenced,if the RWY and TWY are covered with snow.<br>TWY/APN to measure the coefficient of friction: Nil |

## RJOR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

|   |                                     |                                                                                                                                                                                                             |
|---|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Apron surface and strength          | West APRON<br>Surface :Concrete, Strength : PCN53/R/C/X/T<br>Small APRON<br>Surface : Asphalt, Strength : AUW5700kg / 0.28MPa<br>East APRON<br>Surface : Concrete and Asphalt, Strength : AUW5700kg/0.28MPa |
| 2 | Taxiway width, surface and strength | WEST TWY<br>Width : 30m, Surface : Asphalt, Strength : PCN48/F/B/X/T<br>EAST TWY<br>Width : 8m, Surface : Concrete and Asphalt, Strength : AUW 5700kg/0.28Mpa                                               |
| 3 | ACL and elevation                   | Not available                                                                                                                                                                                               |
| 4 | VOR checkpoints                     | Not Available                                                                                                                                                                                               |
| 5 | INS checkpoints                     | Spot Nr<br>1 353137.44N 1341001.55E<br>2 353137.29N 1341003.89E<br>3 353137.17N 1341006.26E                                                                                                                 |
| 6 | Remarks                             | Nil                                                                                                                                                                                                         |

## RJOR 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:10/28<br>(Marking) RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe ,RWY turn pad edge, RWY turn pad CL, RWY middle point<br>(LGT) RCLL, REDL, RTHL, RTZL(RWY10), WBAR(RWY10),<br>Turning point indicator LGT, RWY DIST marker LGT<br><br>ALL TWY:<br>(Marking) TWY CL, RWY HLDG PSN, TWY side stripe<br>(LGT) TWY edge LGT<br><br>West TWY:<br>(Marking) Mandatory instruction<br>(LGT) TWY CL LGT |
| 3 | Stop bars                                                                                                      | Nil                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4 | Remarks                                                                                                        | (Marking) Overrun area<br>(LGT) Apron flood LGT                                                                                                                                                                                                                                                                                                                                                                             |

## 180Turn on RWY

B-767型機用の滑走路180° 旋回用標識及び実施要領

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が一直線に見えた時転回を開始する。転回時はMAX STEERING ANGLEを使用する。

Markings for 180° turn on RWY of B-767 aircraft and Procedure using the Marking

1. Proceed along the RWY Turn Pad Center Line Marking.
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.



## RJOR AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

## RJOR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Associated MET Office                                                  | KANSAI                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2  | Hours of service<br>MET Office outside hours                           | H24 (KANSAI)                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Nil                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4  | Trend forecast<br>Interval of issuance                                 | Nil                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5  | Briefing/ consultation provided                                        | Briefing is available upon inquiry at KANSAI                                                                                                                                                                                                                                                                                                                                                                               |
| 6  | Flight documentation<br>Language(s) used                               | C, En                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7  | Charts and other information available for<br>briefing or consultation | S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> ,<br>P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N |
| 8  | Supplementary equipment<br>available for providing information         | Nil                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9  | ATS units provided with information                                    | RADIO                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 10 | Additional information<br>(limitation of service, etc.)                | Nil                                                                                                                                                                                                                                                                                                                                                                                                                        |

## RJOR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE<br>BRG | Dimensions of<br>RWY(M) | Strength(PCN) and<br>surface of RWY                             | THR coordinates<br>THR geoid undulation | THR elevation and<br>highest elevation of TDZ<br>of precision APP RWY |
|------------------------|-------------|-------------------------|-----------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------|
| 1                      | 2           | 3                       | 4                                                               | 5                                       | 6                                                                     |
| 10                     | 093.78°     | 2000×45                 | PCN<br>48/F/B/X/T<br>Asphalt-Concrete                           | 353150.32N<br>1340914.57E<br>117.1ft    | THR ELEV: 28.9ft<br>TDZ ELEV: 46.6ft                                  |
| 28                     | 273.78°     | 2000×45                 | PCN<br>48/F/B/X/T<br>Asphalt-Concrete                           | 353146.03N<br>1341033.79E<br>117.3ft    | THR ELEV: 64.6ft                                                      |
| Slope of RWY           |             | Strip<br>Dimensions(M)  | RESA(Overrun)<br>Dimensions(M)                                  |                                         | Remarks                                                               |
| 7                      |             | 10                      | 11                                                              |                                         | 14                                                                    |
| See AD2.24 AD chart    |             | 2120×300                | 175x(MNM:146 MAX:298)*                                          |                                         |                                                                       |
|                        |             | 2120×300                | 41x(MNM:291 MAX:300)*<br>*For detail, ask airport administrator |                                         |                                                                       |
| RWY Grooving: 2000×30m |             |                         |                                                                 |                                         |                                                                       |

## RJOR AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA<br>(m) | TODA<br>(m) | ASDA<br>(m) | LDA<br>(m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1              | 2           | 3           | 4           | 5          | 6       |
| 10             | 2000        | 2000        | 2000        | 2000       | Nil     |
| 28             | 2000        | 2000        | 2000        | 2000       | Nil     |

## RJOR AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY<br>Designator                                                                                                                                                                         | APCH<br>LGT<br>type<br>LEN<br>INTST | RTHL<br>Color<br>WBAR | PAPI<br>(VASIS)<br>Angle<br>DIST FM<br>THR<br>MEHT | RTZL<br>LEN | RCLL<br>LEN<br>Spacing<br>Color<br>INTST          | REDL<br>LEN<br>Spacing<br>Color<br>INTST             | RENL<br>Color<br>WBAR | STWL<br>LEN<br>Color |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------|----------------------------------------------------|-------------|---------------------------------------------------|------------------------------------------------------|-----------------------|----------------------|
| 1                                                                                                                                                                                         | 2                                   | 3                     | 4                                                  | 5           | 6                                                 | 7                                                    | 8                     | 9                    |
| 10                                                                                                                                                                                        | PALS<br>(CAT I)<br>899m<br>LIH      | Green<br>Green        | PAPI<br>3.0°/Left<br>336.2m<br>61ft                | 900m        | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil (*3)             |
| 28                                                                                                                                                                                        | SALS<br>(*1)<br>418m<br>LIH         | Green<br>-            | PAPI(*2)<br>3.0°/Left<br>416.0m<br>61ft            | -           | 2000m<br>30m<br>Coded color<br>(White/Red)<br>LIH | 2000m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil (*3)             |
| Remarks                                                                                                                                                                                   |                                     |                       |                                                    |             |                                                   |                                                      |                       |                      |
| 10                                                                                                                                                                                        |                                     |                       |                                                    |             |                                                   |                                                      |                       |                      |
| SALS with APCH LGT beacon (593m and 888m FM RWY THR ) (*1)<br>Usable area : Within 3.1NM FM RWY 28 THR(*2)(See attached)<br>Overrun area edge LGT(LEN60m color:Red) (*3)<br>CGL for RWY28 |                                     |                       |                                                    |             |                                                   |                                                      |                       |                      |

滑走路28末端側進入角指示灯の使用制限は、障害物（山）のため滑走路28末端から約3.1NM以内とする。下図のとおり。

Usable area of PAPI for runway 28 is within approx. 3.1NM from runway 28 threshold due to obstruction (mountain).



**RJOR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |                                                          |                                                                                                                               |
|---|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 353131N/1341002E, White/Green EV4.3sec, HO                                                                               |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI:Nil<br>Anemometer: 300m FM RWY10/28 THR, LGTD                                                                             |
| 3 | TWY edge and centerline 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,<br>Overrun area edge LGT, Turning point indicator LGT<br>Within 15sec : Other LGT |
| 5 | Remarks                                                  | WDI LGT                                                                                                                       |

**RJOR AD 2.16 HELICOPTER LANDING AREA**

|     |
|-----|
| Nil |
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**RJOR 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       |
| Tottori Information Zone       | Area within a radius of 5nm(9km) of Tottori ARP | 3,000 or below       | E                       | Tottori Radio En            |         |

**RJOR AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign     | Frequency | Hours of operation | Remarks                          |
|---------------------|---------------|-----------|--------------------|----------------------------------|
| 1                   | 2             | 3         | 4                  | 5                                |
| AFIS                | Tottori Radio | 118.15MHz | 2200 - 1230        | Operated by Osaka Airport Office |



## RJOR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>(VOR<br>declination) | ID  | Frequency           | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|-----|---------------------|-----------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                   | 2   | 3                   | 4                     | 5                                                     | 6                                              | 7                                                                                                                                                                                                                                                                                                                     |
| VOR<br>(8°W/2013)                   | TRE | 110.2MHz            | H24                   | 353138.28N<br>1340953.59E                             |                                                | VOR Unusable:<br>080°-100° beyond 35NM BLW 5000ft.<br>110°-120° beyond 30NM BLW 7000ft.<br>120°-150° beyond 35NM BLW 7000ft.<br>150°-160° beyond 30NM BLW 7000ft.<br>180°-200° beyond 35NM BLW 7000ft.<br>200°-210° beyond 30NM BLW 7000ft.<br>210°-230° beyond 25NM BLW 7000ft.<br>230°-240° beyond 30NM BLW 7000ft. |
| DME                                 | TRE | 1000MHz<br>(CH-39X) | H24                   | 353138.28N<br>1340953.59E                             | 115ft                                          | DME Unusable:<br>120°-130° beyond 35NM BLW 7000ft.<br>190°-220° beyond 35NM BLW 7000ft.<br>220°-230° beyond 30NM BLW 7000ft.<br>230°-240° beyond 35NM BLW 7000ft.                                                                                                                                                     |
| ILS-LOC 10                          | ITR | 111.5MHz            | 2200 - 1230           | 353145.52N<br>1341043.09E                             |                                                | LOC:235m(771ft)away FM RWY<br>28 THR, BRG(MAG) 101°                                                                                                                                                                                                                                                                   |
| ILS-DME 10                          | ITR | 1013MHz<br>(CH-52X) | 2200 - 1230           | 353145.52N<br>1340925.24E                             | 51ft                                           | DME:278m(912ft)inside FM RWY<br>10 THR, 130m (426ft) S of RCL.                                                                                                                                                                                                                                                        |
| ILS-GP 10                           | -   | 332.9MHz            | 2200 - 1230           | 353145.62N<br>1340925.22E                             |                                                | GP:278m(912ft)inside FM RWY<br>10 THR, 126.5m(415ft) S of RCL.<br>GP angle3.0°.<br>ILS Ref datum 16.5m (54ft).                                                                                                                                                                                                        |

## TOTTORI AIRPORT



REMARKS : 1. LOC beam BRG(MAG) 101°  
2. HGT of ILS REF datum 16.5m(54ft)  
3. GP Angle 3.0°  
4. ELEV of ILS-DME 15.4m(51ft)

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**RJOR 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)

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| AD administration restricted to taxi into and out of small apron after sunset due to no lighting facility. |
|------------------------------------------------------------------------------------------------------------|

## 4. Parking area for helicopters

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| AD administration restricted to taxi into and out of small apron after sunset due to no lighting facility. |
|------------------------------------------------------------------------------------------------------------|

## 5. Apron - taxiing during winter conditions

|     |
|-----|
| Nil |
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## 6. Taxiing - limitations

|     |
|-----|
| Nil |
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## 7. School and training flights - technical test flights - use of runways

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

## 8. Helicopter traffic - limitation

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

## 9. Removal of disabled aircraft from runways

|     |
|-----|
| Nil |
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**RJOR AD 2.21 NOISE ABATEMENT PROCEDURES**

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|-----|
| Nil |
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**RJOR AD 2.22 FLIGHT PROCEDURES****TAKE OFF MINIMA**

|                                                    | RWY | ACFT<br>CAT | REDL & RCLL     |      | REDL or RCLL or RCL<br>Marking |      | NIL<br>(DAYTIME ONLY) |      |
|----------------------------------------------------|-----|-------------|-----------------|------|--------------------------------|------|-----------------------|------|
|                                                    |     |             | RVR             | VIS  | RVR                            | VIS  | RVR                   | VIS  |
| Multi-Engine<br>ACFT with<br>TKOF ALTN<br>AP Filed | 10  | A,B,C,D     | 400m            | 400m | 400m                           | 400m | -                     | 500m |
|                                                    | 28  | A,B,C,D     | -               | 400m | -                              | 400m | -                     | 500m |
| OTHER                                              | 10  | A,B,C,D     | AVBL LDG MINIMA |      |                                |      |                       |      |
|                                                    | 28  |             |                 |      |                                |      |                       |      |

**RJOR AD 2.23 ADDITIONAL INFORMATION**

|     |
|-----|
| Nil |
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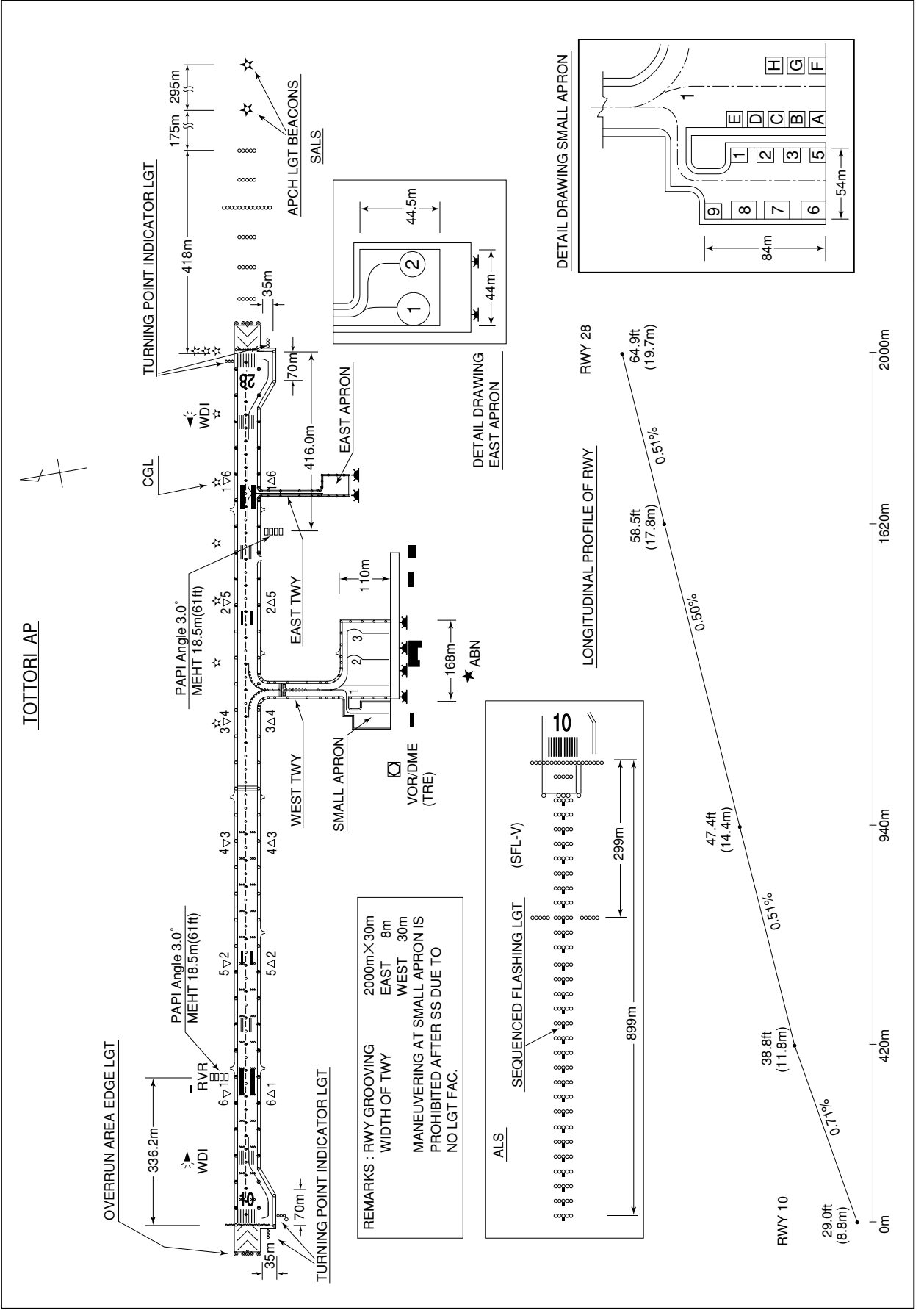
**RJOR AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart  
Standard Departure Chart-Instrument (AYABE, TOTTORI REVERSAL)  
Standard Departure Chart-Instrument (MIYAZU RNAV)  
Instrument Approach Chart (ILS or LOC RWY10)  
Instrument Approach Chart (VOR RWY10)  
Instrument Approach Chart (RNP RWY28(AR))  
Other Chart (Visual REP)  
Other Chart (LDG CHART)  
Other Chart (MVA CHART)

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RJOR / TOTTORI

AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJOR / TOTTORI

SID

AYABE THREE DEPARTURE

RWY 10 : Climb RWY HDG to 500FT, turn left HDG345°...

RWY 28 : Climb RWY HDG to 500FT, turn right HDG075°...

...to intercept and proceed via TRE R030 to 13.0DME, turn right, via YME R300 to YME VOR/DME.

Note RWY10 : 5.5% climb gradient required up to 1300FT.

OBST ALT 1247FT located at 3.73NM 105° FM end of RWY10.

RWY28 : 4.0% climb gradient required up to 700FT.

OBST ALT 374FT located at 2.62NM 271° FM end of RWY28.

TOTTORI REVERSAL THREE DEPARTURE

RWY 10 : Climb RWY HDG to 500FT, turn left HDG345°...

RWY 28 : Climb RWY HDG to 500FT, turn right HDG075°...

...to intercept and proceed via TRE R030 to 13.0DME, turn left, direct to TRE VOR/DME.

Note RWY10 : 5.5% climb gradient required up to 1300FT.

OBST ALT 1247FT located at 3.73NM 105° FM end of RWY10.

RWY28 : 4.0% climb gradient required up to 700FT.

OBST ALT 374FT located at 2.62NM 271° FM end of RWY28.

TOTTORI REVERSAL THREE DEPARTURE



## STANDARD DEPARTURE CHART -INSTRUMENT

RJOR / TOTTORI

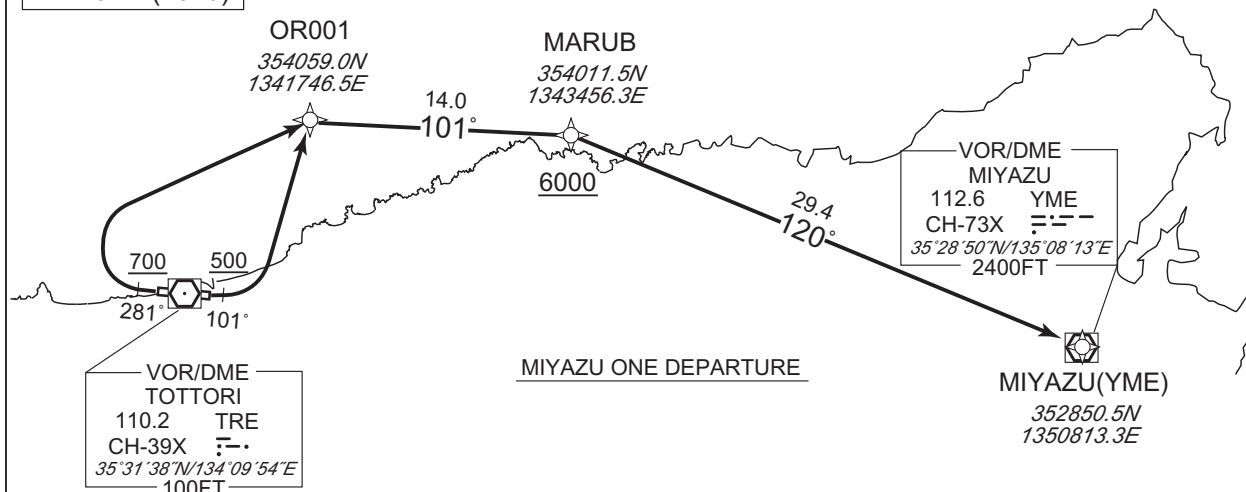
RNAV SID

## MIYAZU ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 8°W (2013)



## MIYAZU ONE DEPARTURE

RWY10: Climb on HDG 101° at or above 500FT, turn left direct to OR001, to MARUB at or above 6000FT, to YME.

RWY28: Climb on HDG 281° at or above 700FT, turn right direct to OR001, to MARUB at or above 6000FT, to YME.

NOTE RWY10: 5.3% climb gradient required up to 1100FT.  
OBST ALT 853FT located at 3.6NM 102° FM end of RWY10.

RWY28: 3.6% climb gradient required up to 700FT.  
OBST ALT 394FT located at 2.2NM 264° FM end of RWY28.

## RWY10

| 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              | —                   | —        | 101 (093.8)   | -7.6               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | OR001               | —        | —             | -7.6               | —             | L              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | MARUB               | —        | 101 (093.2)   | -7.6               | 14.0          | —              | +6000         | —            | —              | Basic RNP1               |
| 004           | TF              | YME                 | —        | 120 (112.6)   | -7.6               | 29.4          | —              | —             | —            | —              | Basic RNP1               |

## RWY28

| 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              | —                   | —        | 281 (273.8)   | -7.6               | —             | —              | +700          | —            | —              | Basic RNP1               |
| 002           | DF              | OR001               | —        | —             | -7.6               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | MARUB               | —        | 101 (093.2)   | -7.6               | 14.0          | —              | +6000         | —            | —              | Basic RNP1               |
| 004           | TF              | YME                 | —        | 120 (112.6)   | -7.6               | 29.4          | —              | —             | —            | —              | Basic RNP1               |



## INSTRUMENT APPROACH CHART

RJOR / TOTTORI

ILS or LOC RWY10



## INSTRUMENT APPROACH CHART

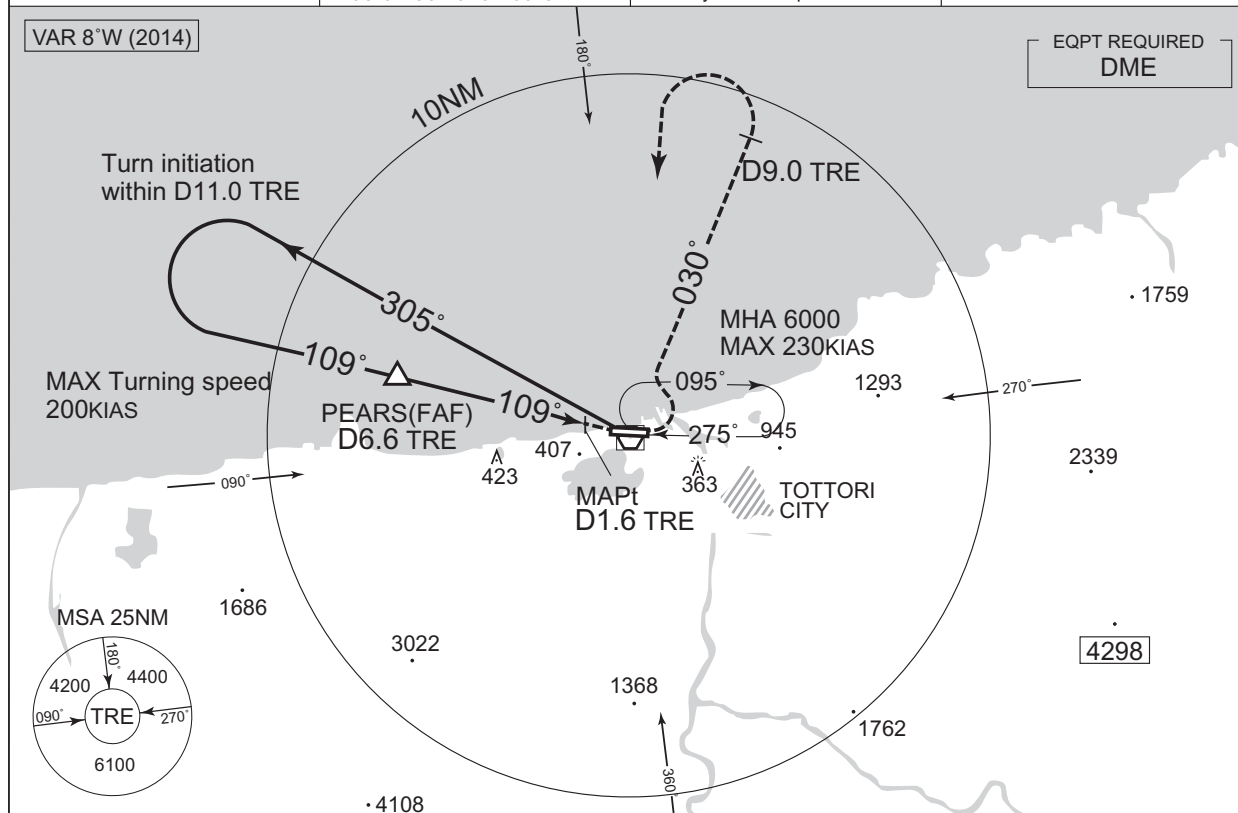
RJOR / TOTTORI

VOR RWY10

TOKYO CONTROL  
133.8 - 124.95  
287.6 - 315.7TOTTORI VOR/DME  
110.2 TRE  
CH-39X  
35°31'38"N/134°09'54"ETOTTORI RADIO  
118.15  
AFIS provided  
by Osaka Airport Office

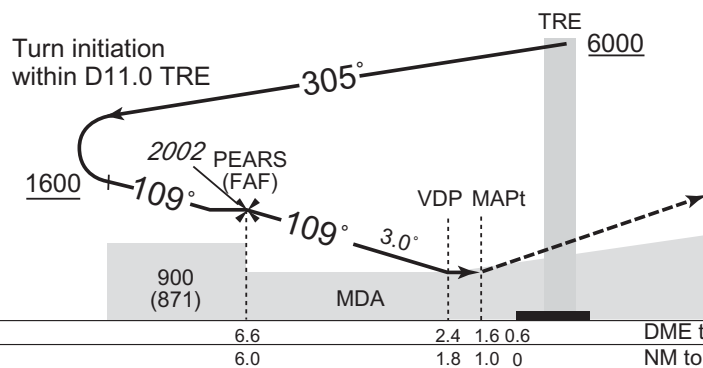
NO RADAR

VAR 8°W (2014)

EQPT REQUIRED  
DME

| NM to TRE            | FAF  | 6    | 5    | 4    | 3   | MAPt |
|----------------------|------|------|------|------|-----|------|
| ALT (3.0° APCH Path) | 2002 | 1811 | 1492 | 1174 | 856 | -    |

PEARS(FAF) : 353253.76N/1340157.23E



## MISSED APPROACH

Climb direct to TRE VOR/DME,  
turn left, via TRE R030 to  
TRE 9.0DME, turn left,  
direct to TRE VOR/DME  
and hold at 6000FT.  
Contact TOTTORI RADIO.

Timing not authorized for defining the MAPt.

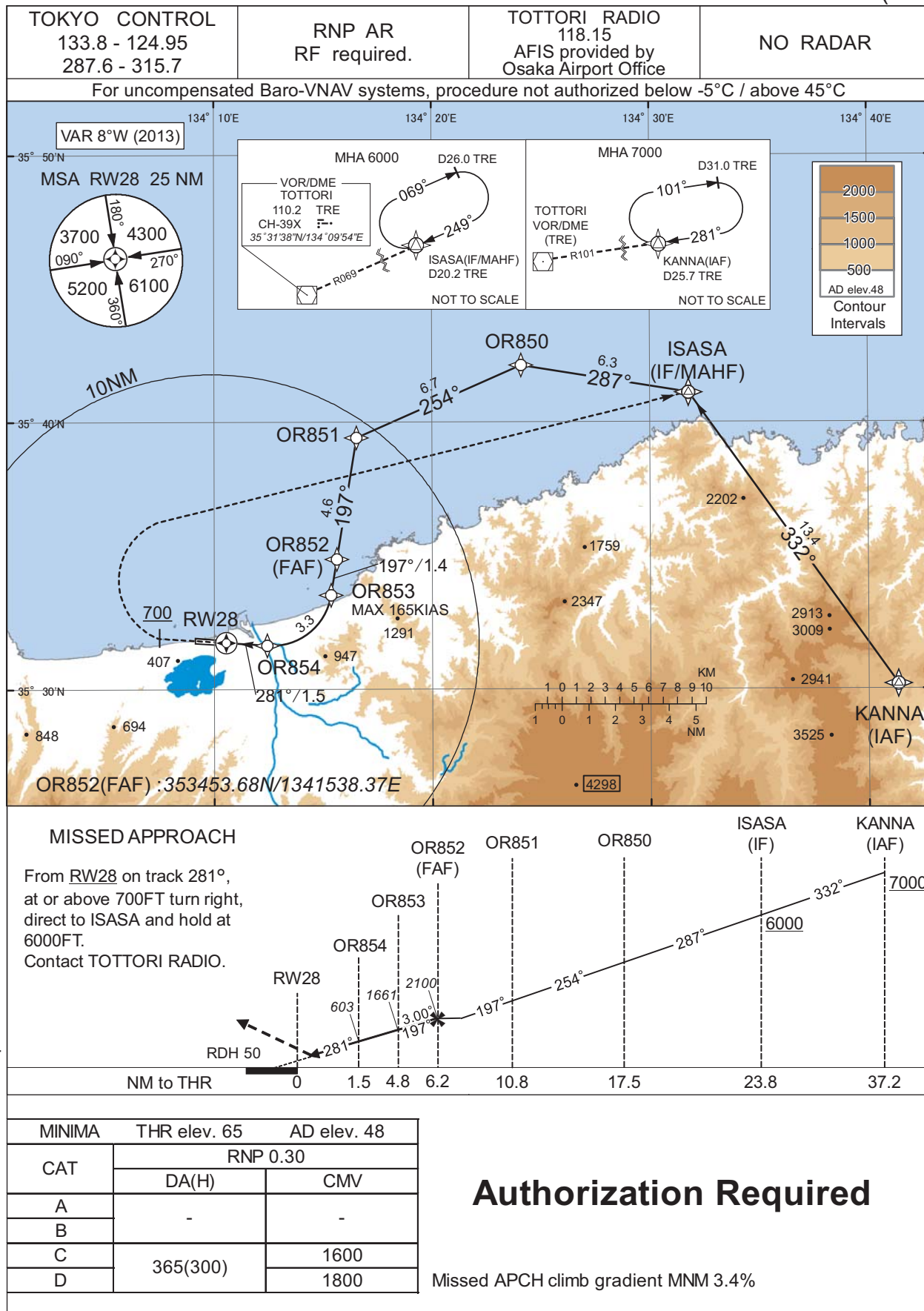
| MINIMA |           | THR elev. 29 |            | AD elev. 48  |      |
|--------|-----------|--------------|------------|--------------|------|
| CAT    |           |              | CIRCLING   |              |      |
|        | MDA(H)    | RVR/<br>CMV  | MDA(H)     |              | VIS  |
|        |           |              | TOTAL AREA | NORTH of RWY |      |
| A      | 630 (601) | 1000         | 790 (742)  | 630 (582)    | 1600 |
| B      |           | 1200         |            |              |      |
| C      | 640 (611) |              |            |              |      |
| D      | 650 (621) | 1600         | 840 (792)  | 760 (712)    | 3200 |

CHANGE : Secondary FREQ abolished(TOTTORI RADIO).

## INSTRUMENT APPROACH CHART

RJOR / TOTTORI

RNP RWY28(AR)



## INSTRUMENT APPROACH CHART

RJOR / TOTTORI

RNP RWY28(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                                 | KANNA               | -        | -              | -7.6               | -             | -              | +7000         | -            | -               | -         |
| 002           | TF                                 | ISASA               | -        | 332<br>(324.6) | -7.6               | 13.4          | -              | +6000         | -            | -               | 1.0       |
| 003           | TF                                 | OR850               | -        | 287<br>(279.4) | -7.6               | 6.3           | -              | -             | -            | -               | 1.0       |
| 004           | TF                                 | OR851               | -        | 254<br>(246.2) | -7.6               | 6.7           | -              | -             | -            | -               | 1.0       |
| 005           | TF                                 | OR852               | -        | 197<br>(189.2) | -7.6               | 4.6           | -              | 2100          | -            | -               | 1.0       |
| 006           | TF                                 | OR853               | -        | 197<br>(189.2) | -7.6               | 1.4           | -              | 1661          | -165         | -3.00           | 0.3       |
| 007           | RF<br>Center:<br>ORRF1<br>r=2.25NM | OR854               | -        | -              | -7.6               | 3.3           | R              | 603           | -            | -3.00           | 0.3       |
| 008           | TF                                 | RW28                | Y        | 281<br>(273.8) | -7.6               | 1.5           | -              | 115           | -            | -3.00/50        | 0.3       |
| 009           | FA                                 | -                   | -        | 281<br>(273.8) | -7.6               | -             | -              | +700          | -            | -               | 1.0       |
| 010           | DF                                 | ISASA               | -        | -              | -7.6               | -             | R              | 6000          | -            | -               | 1.0       |

Waypoint Coordinates

| Waypoint Identifier | Coordinates              | RF Arc Center Identifier | Coordinates              |
|---------------------|--------------------------|--------------------------|--------------------------|
| KANNA               | 353011.27N / 1344121.95E | ORRF1                    | 353354.77N / 1341238.96E |
| ISASA               | 354107.52N / 1343147.31E |                          |                          |
| OR850               | 354209.38N / 1342406.43E |                          |                          |
| OR851               | 353926.62N / 1341632.67E |                          |                          |
| OR852               | 353453.68N / 1341538.37E |                          |                          |
| OR853               | 353333.13N / 1341522.36E |                          |                          |
| OR854               | 353139.90N / 1341226.53E |                          |                          |
| RW28                | 353146.03N / 1341033.79E |                          |                          |

CHANGE : PROC renamed.

RJOR / TOTTORI

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 : Secondary FREQ abolished.

| Call sign          | BRG / DIST from ARP | Remarks            |
|--------------------|---------------------|--------------------|
| 10NM NW            | 315°T / 10.0NM      | 海上<br>Over the sea |
| 浜坂<br>Hamasaka     | 069°T / 15.1NM      | 駅<br>Station       |
| 駟馳山<br>Shichiyama  | 069°T / 6.2NM       | 山<br>Mountain      |
| 長尾鼻<br>Nagaobana   | 273°T / 7.7NM       | 岬<br>Cape          |
| 鳥取駅<br>Tottori eki | 126°T / 3.7NM       | 駅<br>Station       |
| 東郷<br>Togo         | 257°T / 13.7NM      | 池<br>Pond          |
| 郡家<br>Koge         | 149°T / 8.2NM       | 駅<br>Station       |
| 若桜<br>Wakasa       | 134°T / 15.9NM      | 駅<br>Station       |



RJOR / TOTTORI

Minimum Vectoring Altitude CHART



**INTENTIONALLY LEFT BLANK**