

## AD 2 AERODROMES

## RJTU AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## RJTU - UTSUNOMIYA

## RJTU AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |                  |
|---|--|------------------|
| 1 | ARP coordinates and site at AD   | 363052N/1395215E |
| 2 | Direction and distance from (city)   | 3.3nm S          |
| 3 | Elevation/ Reference temperature   | 334ft / -        |
| 4 | Geoid undulation at AD ELEV<br>PSN   | Nil              |
| 5 | MAG VAR/ Annual change   | Nil              |
| 6 | AD Administration, address,<br>telephone, telefax, telex, AFS,<br>e-mail and/or Web-site addresses | JSDF-G           |
| 7 | Types of traffic permitted (IFR/<br>VFR)   | IFR/VFR          |
| 8 | Remarks  | Nil              |

## RJTU AD 2.3 OPERATIONAL HOURS

|    |                           |  |
|----|---------------------------|--|
| 1  | AD Administration         | 2330 - 0800 MON-FRI<br>exc Hol<br>Other time 1h PN |
| 2  | Customs and immigration   | Nil  |
| 3  | Health and sanitation     | Nil  |
| 4  | AIS Briefing Office       | 2330 - 0800 MON-FRI<br>exc Hol<br>Other time 1h PN |
| 5  | ATS Reporting Office(ARO) | Nil  |
| 6  | MET Briefing Office       | 2200 - 0800 MON-FRI<br>Other time on request       |
| 7  | ATS                       | 2330 - 0800 MON-FRI<br>exc Hol<br>Other time 1h PN |
| 8  | Fuelling                  | Nil  |
| 9  | Handling                  | Nil  |
| 10 | Security                  | Nil  |
| 11 | De-icing                  | Nil  |
| 12 | Remarks                   | Nil  |

**RJTU AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |                    |
|---|---|--------------------|
| 1 | Cargo-handling facilities               | Nil                |
| 2 | Fuel/ oil types                         | JP-4               |
| 3 | Fuelling facilities/ capacity           | To be issued later |
| 4 | De-icing facilities                     | Nil                |
| 5 | Hangar space for visiting aircraft      | Nil                |
| 6 | Repair facilities for visiting aircraft | Nil                |
| 7 | Remarks                                 | Nil                |

**RJTU 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 |

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

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

**RJTU AD 2.7 SEASONAL AVAILABILITY-CLEARING**

|   |                             |     |
|---|-----------------------------|-----|
| 1 | Types of clearing equipment | Nil |
| 2 | Clearance priorities        | Nil |
| 3 | Remarks                     | Nil |

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

|   |                                     |                    |
|---|-------------------------------------|--------------------|
| 1 | Apron surface and strength          | To be issued later |
| 2 | Taxiway width, surface and strength | To be issued later |
| 3 | ACL and elevation                   | Not Available      |
| 4 | VOR checkpoints                     | Nil                |
| 5 | INS checkpoints                     | Nil                |
| 6 | Remarks                             | Nil                |

### RJTU 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:(01/19)<br>(LGT) RTHL, TKOF aiming LGT<br>TWY:<br>(LGT) TWY edge LGT |
| 3 | Stop bars  | Nil  |
| 4 | Remarks  | Nil  |

### RJTU AD 2.10 AERODROME OBSTACLES

| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings/ LGT | Remarks |
|-------------------|---------------|-------------|-----------|---------------|---------|
| Nil               |               |             |           |               |         |

**RJTU AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|    |  |   |
|----|--|---|
| 1  | Associated MET Office  | UTSUNOMIYA                                |
| 2  | Hours of service<br>MET Office outside hours                           | 2200 - 0800 MON-FRI Other time on request |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Nil                                       |
| 4  | Trend forecast<br>Interval of issuance                                 | Nil                                       |
| 5  | Briefing/ consultation provided  | Nil                                       |
| 6  | Flight documentation<br>Language(s) used                               | Ja, En                                    |
| 7  | Charts and other information available for<br>briefing or consultation | S, U                                      |
| 8  | Supplementary equipment<br>available for providing information         | Nil                                       |
| 9  | ATS units provided with information                                    | Nil                                       |
| 10 | Additional information(limitation of service,<br>etc.)                 | Nil                                       |

**RJTU AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY NR | TRUE 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   |
| 01<br>19               | To be issued<br>later | 1700x45<br>1700x45         | SW<br>12500kg<br>(27500lbs)<br>Concrete  | Nil<br>Nil                              | Nil<br>Nil  |
| Slope of RWY           |                       | Strip<br>Dimensions<br>(M) | Remarks  |   |   |
| 7                      |                       | 10                         | 12   |   |   |
| To be issued later     |                       | 2000x300<br>2000x300       | Several lighted OBST at 1.1nm NNW RWY 19THR.<br>GCA touch down Point located 1312ft inside FM RWY01 end. |   |   |

**RJTU 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       |
|                |             |             |             |            |         |

## RJTU 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                    |
| 01   |                                     | AVBL<br>Nil           | VASIS(*1)  |             |  |  |                       |                      |
| 19   |                                     | AVBL<br>Nil           | VASIS(*1)  |             |  |  |                       |                      |
| Remarks                                    |                                     |                       |  |             |  |  |                       |                      |
| 10   |                                     |                       |  |             |  |  |                       |                      |
| (*1)VASIS nonstandard, Out of Service UFN. |                                     |                       |  |             |  |  |                       |                      |

## RJTU AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |  |  |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 363034N/1395229E ,White/Green EV10sec, HO |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI:LGTD                                       |
| 3 | TWY edge and center line lighting                        | TWY edge LGT:AVBL                              |
| 4 | Secondary power supply/ switch-over time                 | Nil  |
| 5 | Remarks  | WDI LGT, OBST LGT                              |

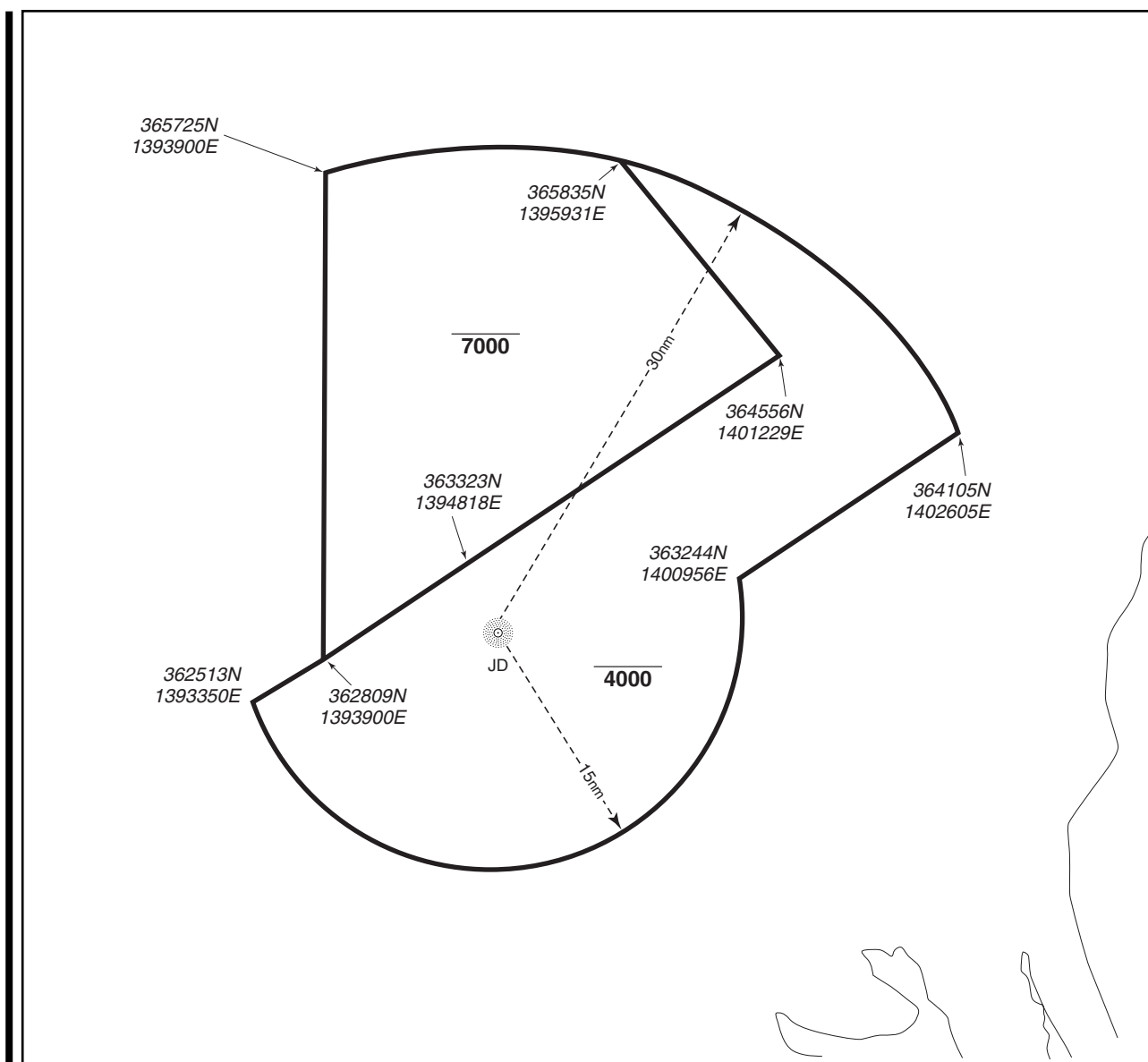
## RJTU AD 2.16 HELICOPTER LANDING AREA

|                    |
|--------------------|
| To be issued later |
|--------------------|

## RJTU 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       |
| UTSU-NOMIYA CTR                | Area within a radius of 5nm of UTSUNOMIYA ARP(36°31'N/139°52'E). | 4000 or below        | D                       | UTSUNOMIYA TOWER            |         |
| UTSUNOMIYA ACA                 | SEE RJTU ATTACHED CHART  |                      | E                       | UTSUNOMIYA APP              |         |

宇都宮進入管制区  
Utsunomiya Approach Control Area



## RJTU AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign           | Frequency   | Hours of operation                             | Remarks  |
|---------------------|---------------------|---|--|--|
| 1                   | 2                   | 3   | 4  | 5  |
| APP                 | Utsunomiya Approach | 362.3MHz<br>120.1MHz<br>122.45MHz<br>243.0MHz(E)<br>121.5MHz(E)   | 2330 - 0800(2)<br>MON-FRI<br>Other time 1HR PN | (1)For rescue only.<br>(2)EXC HOL and 12/29 - 1/3.   |
| TWR                 | Utsunomiya Tower    | 236.8MHz<br>126.2MHz<br>138.05MHz<br>140.3MHz<br>123.1MHz(1)<br>243.0MHz(E)<br>121.5MHz(E)<br>140.8MHz          | 2330 - 0800(2)<br>MON-FRI<br>Other time 1HR PN |  |
| GCA-ASR<br>-PAR     | Utsunomiya Radar    | 335.6MHz<br>270.8MHz<br>125.3MHz<br>134.1MHz<br>122.15MHz<br>141.7MHz<br>140.8MHz<br>243.0MHz(E)<br>121.5MHz(E) | 2330 - 0800(2)<br>MON-FRI<br>Other time 1HR PN | ASR RWY 01/19<br>PAR RWY 01<br>Glide path 2.5°<br>Maintenance Period:<br>2300FRI-0300SAT in VMC. |

**RJTU AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aid | ID  | Frequency           | Hours of operation                              | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks  |
|-------------|-----|---------------------|---|--|---------------------------------------|--|
| 1           | 2   | 3                   | 4   | 5  | 6                                     | 7  |
| NDB         | JD  | 389.0kHz            | H24   | 362903N/1395159E                             |                                       | Unusable:<br>310°-335° beyond 30nm<br>ELEV 406ft   |
| TACAN       | JDT | 1145MHz<br>(CH-58Y) | 2300 - 0800<br>MON-FRI<br>Other time on request | 363101N/1395232E                             |                                       | TACAN Unusable<br>R258°-272°beyond 30nm<br>BLW 5000ft<br>R312°-328°beyond 30nm<br>BLW 11000ft<br>R353°-358°beyond 35nm<br>BLW 9000ft |

**RJTU 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

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



## 8. Helicopter traffic - limitation

Nil

## 9. Removal of disabled aircraft from runways

Nil

**RJTU AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil

**RJTU AD 2.22 FLIGHT PROCEDURES****1. TAKE OFF MINIMA**

|                          | RWY | REDL & RCLL<br>AVBL |          | REDL or RCLL<br>AVBL |             | REDL & RCLL<br>OUT |             |
|--------------------------|-----|---------------------|----------|----------------------|-------------|--------------------|-------------|
|                          |     | CEIL-RVR            | CEIL-VIS | CEIL-RVR             | CEIL-VIS    | CEIL-RVR           | CEIL-VIS    |
| TKOF<br>ALTN<br>AP FILED | 01  | -                   | -        | -                    | 200' - 800M | -                  | 200' - 800M |
|                          | 19  |                     |          |                      |             |                    |             |
| OTHER                    | 01  | AVBL LDG MINIMA     |          |                      |             |                    |             |
|                          | 19  |                     |          |                      |             |                    |             |

**2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE**

## PAR RWY01

| MINIMA    THR elev. 310    AD elev. 334 |          |      |          |      |
|---|----------|------|----------|------|
| CAT                                     |          |      | CIRCLING |      |
|   | DA(H)    | CMV  | MDA(H)   | VIS  |
| A                                       | 523(213) | 1000 | 800(466) | 1600 |
| B                                       |          |      | 800(546) |      |
| C                                       |          |      |          | 2400 |
| D                                       | -        | -    | -        | -    |

## ASR RWY01

| MINIMA      THR elev. 310      AD elev. 334 |          |             |          |      |
|---|----------|-------------|----------|------|
| CAT   |          |             | CIRCLING |      |
|   | MDA(H)   | RVR/<br>CMV | MDA(H)   | VIS  |
| A   | 760(450) | 1500        | 800(466) | 1600 |
| B   |          |             | 880(546) |      |
| C   |          |             | 2000     |      |
| D   | -        | -           | -        | -    |

## ASR RWY19

| MINIMA      THR elev. 340      AD elev. 334 |          |      |          |      |
|---|----------|------|----------|------|
| CAT   |          |      | CIRCLING |      |
|   | MDA(H)   | CMV  | MDA(H)   | VIS  |
| A   | 800(466) | 1500 | 800(466) | 1600 |
| B   |          |      | 880(546) |      |
| C   |          |      | 2000     |      |
| D   | -        | -    | -        | -    |

**3. Lost Communication Procedures for Arrival Aircraft under Radar Navigational Guidance.**

If radio communications with Utsunomiya Radar are lost for one minute in the pattern or five/fifteen seconds on final approach, squawk Mode A/3 Code 7600 and;

- 1) Contact Utsunomiya Tower.
- 2) If unable, proceed in accordance with visual flight rules.
- 3) If unable, execute instrument approach.

**4. Automated Radar Terminal System (ARTS)**

宇都宮進入管制区を航行する航空機は、管制機関の指示があった場合原則として自動高度通報機能を有する4096コードによる応答装置を作動させること。上記指示を受けた当該応答装置を有しない航空機は、管制機関に対しその旨を通報すること。

When instructed by ATC, aircraft flying in and out of Utsunomiya approach control area in principle will reply on 4096 Code (Mode A/3) with automatic altitude reporting capability (Mode C); Aircraft not equipped with the said transponder shall report ATC to that effect.

**RJTU AD 2.23 ADDITIONAL INFORMATION**

Nil

**RJTU AD 2.24 CHARTS RELATED TO AN AERODROME**

Standard Departure Chart-Instrument (KOGAR, NASU REVERSAL, NIKKO REVERSAL, MIKRA)  
Standard Arrival Chart-Instrument (TOCHI)  
Instrument Approach Chart (ADF A)  
Instrument Approach Chart (TACAN NR1 RWY01)  
Instrument Approach Chart (TACAN NR2 RWY01)

STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA

SID

KOGAR THREE DEPARTURE

RWY 01 : Turn right (turn left, by JDT TACAN), ...

RWY 19 : Turn right, ...

... climb via 208° from JD NDB (JDT TACAN R207) to KOGAR.

Cross KOGAR at assigned altitude.

NOTE Following climb gradient should be maintained until passing 1000FT.

|                 |     |     |     |     |     |      |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots)   | 60  | 90  | 120 | 150 | 180 | 210  |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

NASU REVERSAL SIX DEPARTURE

RWY 01 : Turn left, ...

RWY 19 : Turn right, ...

... climb via 360° from JD NDB then left procedure turn within 18NM of JD NDB (GOT R284 or JDT TACAN 17DME) to intercept and proceed via 180° to JD NDB.

Maintain 4000FT or below until GOT R260 (JDT TACAN 7DME), cross GOT R260 at assigned altitude.

NOTE Following climb gradient should be maintained until passing 2000FT.

|                 |     |     |     |     |     |      |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots)   | 60  | 90  | 120 | 150 | 180 | 210  |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

CHANGE: PROC renamed(NASU REVERSAL SIX DEPARTURE). Radial FM GOT.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA

SID

NIKKO REVERSAL TWO DEPARTURE

RWY 01 : Turn right, ...

RWY 19 : Turn right (turn left, by JDT TACAN), ...

... climb via 030° from JD NDB (JDT TACAN R030) to 4000FT or above, turn right proceed to JD NDB within 20NM of JD NDB (JDT TACAN 20DME).

Cross JD NDB at assigned altitude.

NOTE Following climb gradient should be maintained until passing 1000FT.

|                 |     |     |     |     |     |      |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots)   | 60  | 90  | 120 | 150 | 180 | 210  |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

MIKRA ONE DEPARTURE

RWY 01 : Turn left, ...

RWY 19 : Turn right, ...

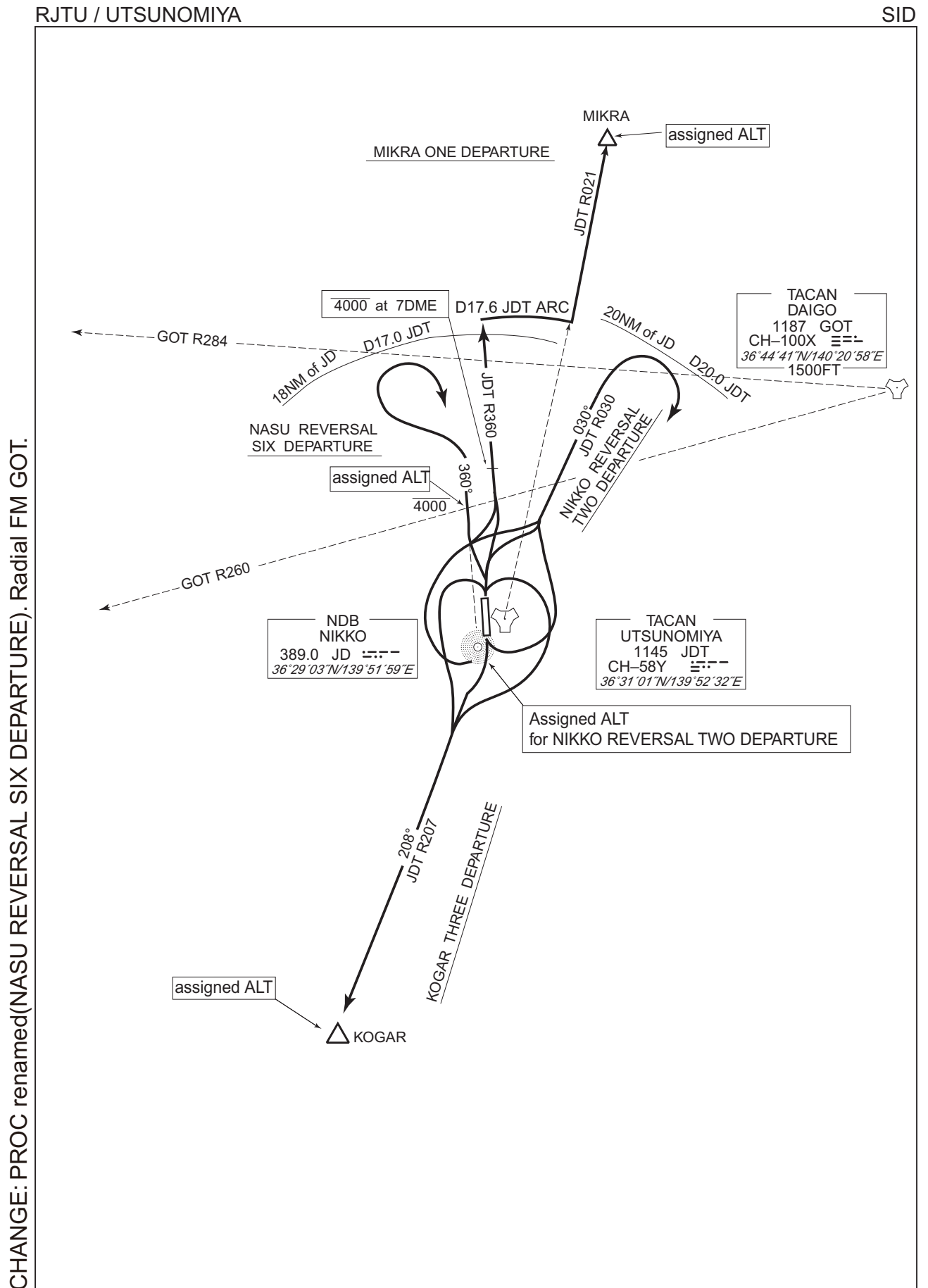
... climb via JDT TACAN R360 to JDT TACAN 17.6DME, turn right via JDT TACAN 17.6DME clockwise ARC to intercept JDT TACAN R021, turn left proceed to MIKRA.

Maintain 4000FT or below until JDT TACAN 7DME, cross MIKRA at assigned altitude.

NOTE Following climb gradient should be maintained until passing 2000FT.

|                 |     |     |     |     |     |      |
|-----------------|-----|-----|-----|-----|-----|------|
| Speed (Knots)   | 60  | 90  | 120 | 150 | 180 | 210  |
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

STANDARD DEPARTURE CHART -INSTRUMENT



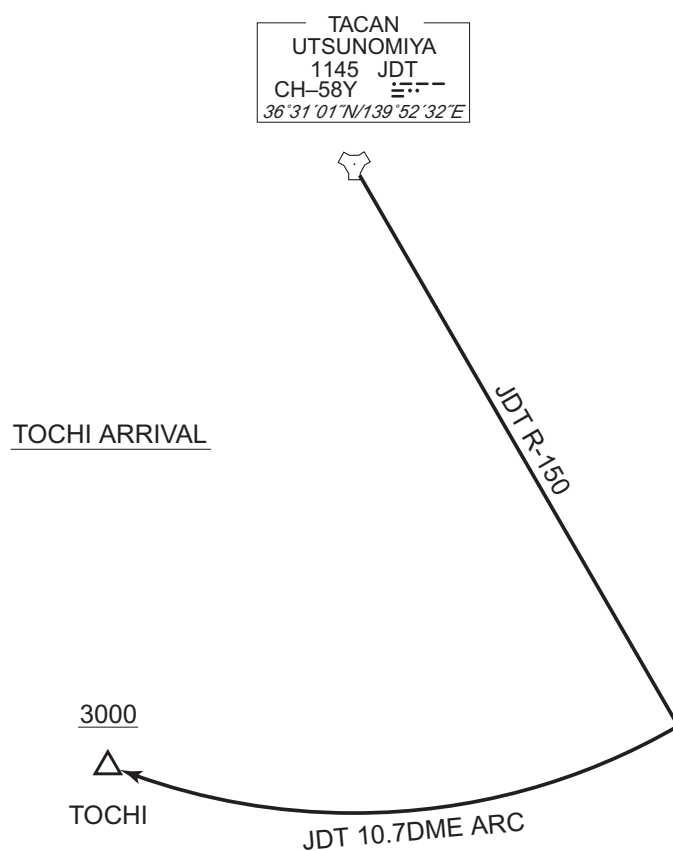
STANDARD ARRIVAL CHART-INSTRUMENT

RJTU / UTSUNOMIYA

STAR

TOCHI ARRIVAL

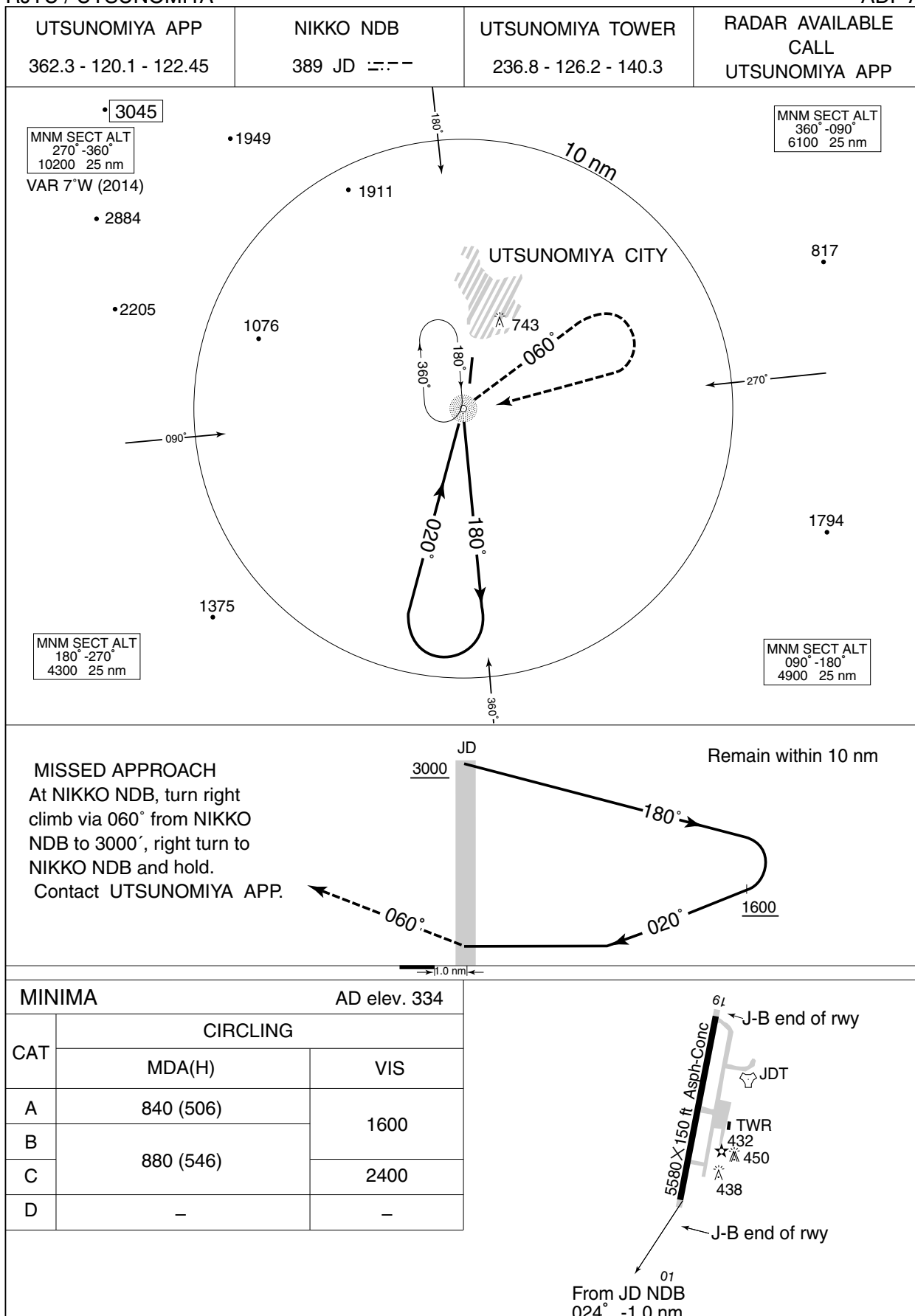
From over JDT TACAN, proceed via JDT R-150 to JDT 10.7DME, turn right via JDT 10.7DME clockwise ARC to TOCHI.  
Cross TOCHI at or above 3000FT.



INSTRUMENT APPROACH CHART

RJTU / UTSUNOMIYA

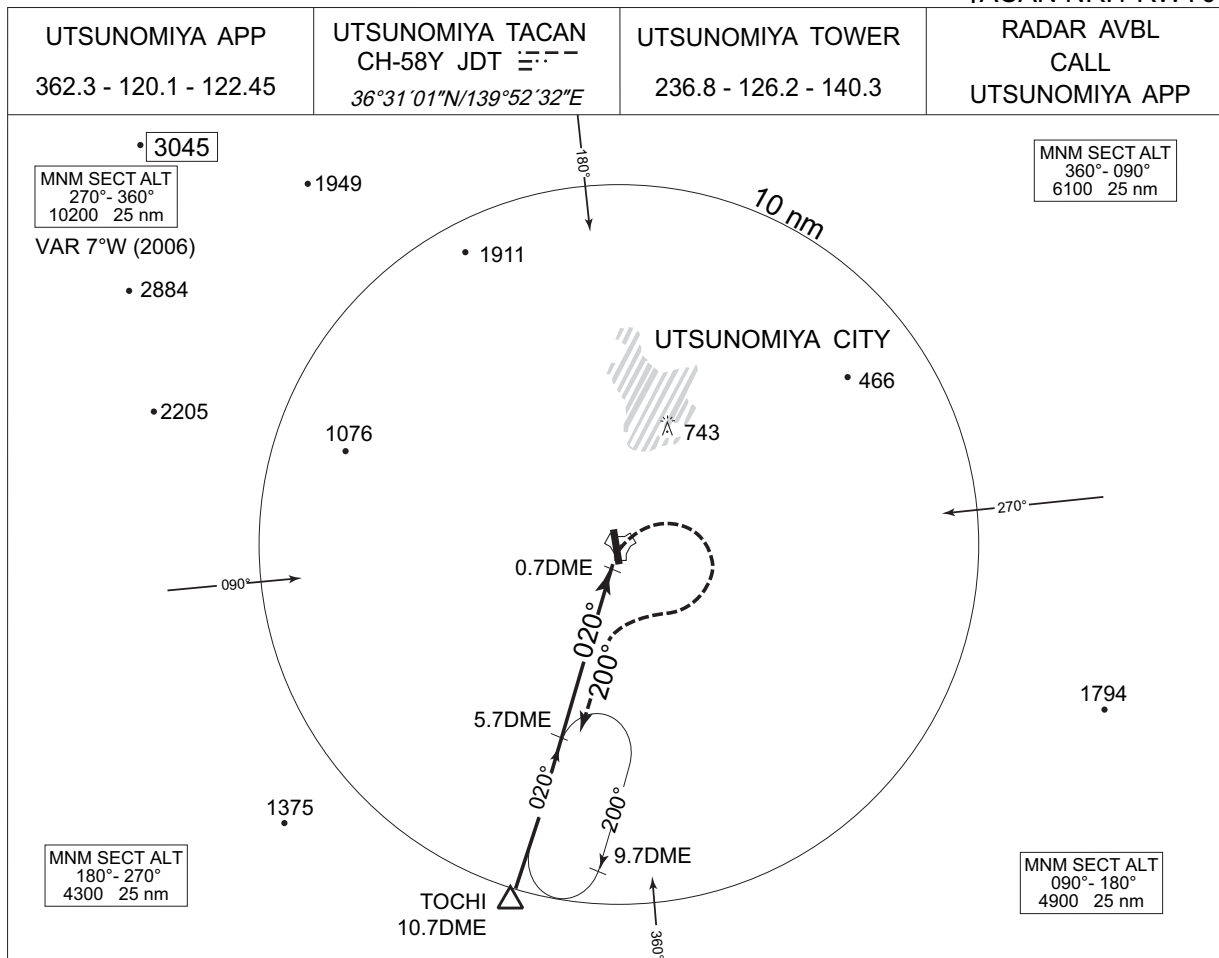
ADF A



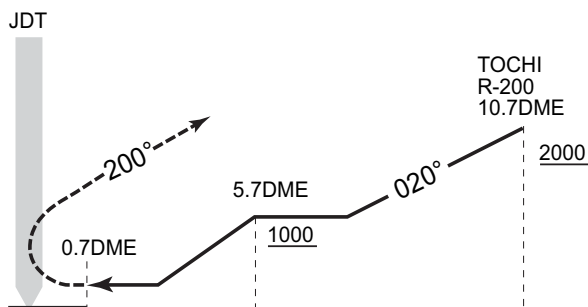
## INSTRUMENT APPROACH CHART

RJTU / UTSUNOMIYA

TACAN NR.1 RWY01


**MISSED APPROACH**

At 0.7DME prior to JDT,  
turn right climb via JDT  
R-200 to 5.7DME FIX at  
2000' and hold.  
Contact UTSUNOMIYA APP.



| MINIMA |           | THR elev. 310 | AD elev. 334 |      |
|--------|-----------|---------------|--------------|------|
| CAT    |           |               | CIRCLING     |      |
|        | MDA(H)    | CMV           | MDA(H)       | VIS  |
| A      | 780 (470) | 1500          | 800 (466)    | 1600 |
| B      |           |               | 880 (546)    |      |
| C      |           |               | 2000         |      |
| D      | —         | —             | —            | —    |



INSTRUMENT APPROACH CHART

RJTU / UTSUNOMIYA

TACAN NR.2 RWY01

