

## 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/1395216E |
| 2 | Direction and distance from (city)   | 3.3nm S          |
| 3 | Elevation/ Reference temperature   | 335ft / -        |
| 4 | Geoid undulation at AD ELEV<br>PSN   | Nil              |
| 5 | MAG VAR/ Annual change   | 8°W (2022)       |
| 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                         | JET A-1            |
| 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>(Marking) RWY designation, RWY CL, RWY THR, TDZ, RWY side stripe (LGT) RTHL, REDL, TKOF aiming LGT<br>TWY:<br>(Marking) TWY CL, RWY HLDG PSN<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<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  |
| 01                     | To be<br>issued<br>later | 1700x45                    | SW<br>12500kg<br>(27500lbs)<br>Concrete  | 363024.99N<br>1395213.17E<br>(Displaced THR for RDR APP)<br>363033.41N<br>1395214.02E | THR ELEV: 309ft<br>(Displaced THR for RDR APP)<br>THR ELEV: 313.4ft<br>TDZ ELEV: 315.9ft |
| 19                     |                          | 1700x45                    |  | 363119.96N<br>1395218.68E   | THR ELEV: 335ft  |
| 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                |                                     | Green<br>Nil          |  |             |  | 1700m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH |                       |                      |
| 19                |                                     | Green<br>Nil          |  |             |  | 1700m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH |                       |                      |
| Remarks           |                                     |                       |  |             |  |  |                       |                      |
| 10                |                                     |                       |  |             |  |  |                       |                      |
|                   |                                     |                       |  |             |  |  |                       |                      |

## 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: Nil                                       |
| 3 | TWY edge and center line lighting                        | TWY edge LGT: Blue                             |
| 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       |
| UTSUNOMIYA CTR                 | Area within a radius of 5nm of UTSUNOMIYA ARP(36°31'N/139°52'E). | 4000 or below        | D                       | UTSUNOMIYA TOWER ENGLISH      |         |
| UTSUNOMIYA ACA                 | SEE RJTU ATTACHED CHART  |                      | E                       | UTSUNOMIYA APP, RADAR ENGLISH |         |

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/ASR             | Utsunomiya<br>Approach/<br>Utsunomiya<br>Radar | 362.3MHz<br>120.1MHz<br>122.45MHz<br>243.0MHz(E)<br>121.5MHz(E)<br>303.2MHz   | 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<br>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<br>122.2MHz                        | 2330 - 0800(2)<br>MON-FRI<br>Other time 1HR PN |  |
| GCA-ASR<br>-PAR     | Utsunomiya<br>GCA                              | 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)<br>139.45MHz<br>141.95MHz | 2330 - 0800(2)<br>MON-FRI<br>Other time 1HR PN | ASR RWY 01/19<br>PAR RWY 01<br>Glide path 3.0°<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  |
| TACAN       | JDT | 1145MHz (CH-58Y) | H24                | 363101N/1395232E                             |                                       | TACAN Unusable<br>R150°-160°beyond 35nm<br>BLW 5000ft<br>R310°-330°beyond 30nm<br>BLW 11000ft<br>R350°-360°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 | ACFT<br>CAT | REDL & RCLL     |          | REDL & RCLL<br>or RCL Marking |              | NIL<br>(DAYTIME ONLY) |              |
|--|-----|-------------|-----------------|----------|-------------------------------|--------------|-----------------------|--------------|
|  |     |             | CEIL-RVR        | CEIL-VIS | CEIL-RVR                      | CEIL-VIS     | CEIL-RVR              | CEIL-VIS     |
| Multi-Engine<br>ACFT with<br>TKOF ALTN<br>AP FILED | 01  | A,B,C       | -               | -        | -                             | 200' - 2400m | -                     | 200' - 2400m |
|  | 19  |             | -               | -        | -                             | 0' - 400m    | -                     | 0' - 500m    |
| OTHER  | 01  | A,B,C       | AVBL LDG MINIMA |          |                               |              |                       |              |
|  | 19  |             |                 |          |                               |              |                       |              |

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

## PAR RWY01

| MINIMA | THR elev. 313 | AD elev. 335 |          |      |
|--------|---------------|--------------|----------|------|
| CAT    |               |              | CIRCLING |      |
|        | DA(H)         | CMV          | MDA(H)   | VIS  |
| A      | 545(232)      | 1000         | 810(475) | 1600 |
| B      |               |              | 880(545) |      |
| C      |               |              | 900(565) | 2400 |
| D      | -             | -            | -        | -    |

Circling to WEST side of RWY only

## ASR RWY01

| MINIMA | THR elev. 313 | AD elev. 335 |          |      |
|--------|---------------|--------------|----------|------|
| CAT    |               |              | CIRCLING |      |
|        | MDA(H)        | CMV          | MDA(H)   | VIS  |
| A      | 790(477)      | 1500         | 810(475) | 1600 |
| B      |               |              | 880(545) |      |
| C      |               | 2000         | 900(565) | 2400 |
| D      | -             | -            | -        | -    |

Circling to WEST side of RWY only

## ASR RWY19

| MINIMA | THR elev. 335 | AD elev. 335 |           |      |
|--------|---------------|--------------|-----------|------|
| CAT    |               |              | CIRCLING  |      |
|        | MDA(H)        | CMV          | MDA(H)    | VIS  |
| A      | 1100(765)     | 1500         | 1100(765) | 1600 |
| B      |               |              |           |      |
| C      |               | 2000         |           | 2400 |
| D      | -             | -            | -         | -    |

Circling to WEST side of RWY only

**3. Missed Approach Procedure for PAR/ASR Approach**

Unless otherwise instructed by ATC, execute each missed approach as follows,

- (1) RWY01: At guidance limit, turn right climb to 3000FT via JDT R174 to IPNAX and hold. Contact UTSUNOMIYA APP.
- (2) RWY19: At guidance limit, turn left climb to 3000FT via JDT R174 to IPNAX and hold. Contact UTSUNOMIYA APP.

**4. 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.

**5. 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, MIKRA)  
Standard Departure Chart-Instrument (UTSUNOMIYA REVERSAL)

Standard Arrival Chart-Instrument (IPNAX)  
Instrument Approach Chart (TACAN RWY01)

STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA

SID

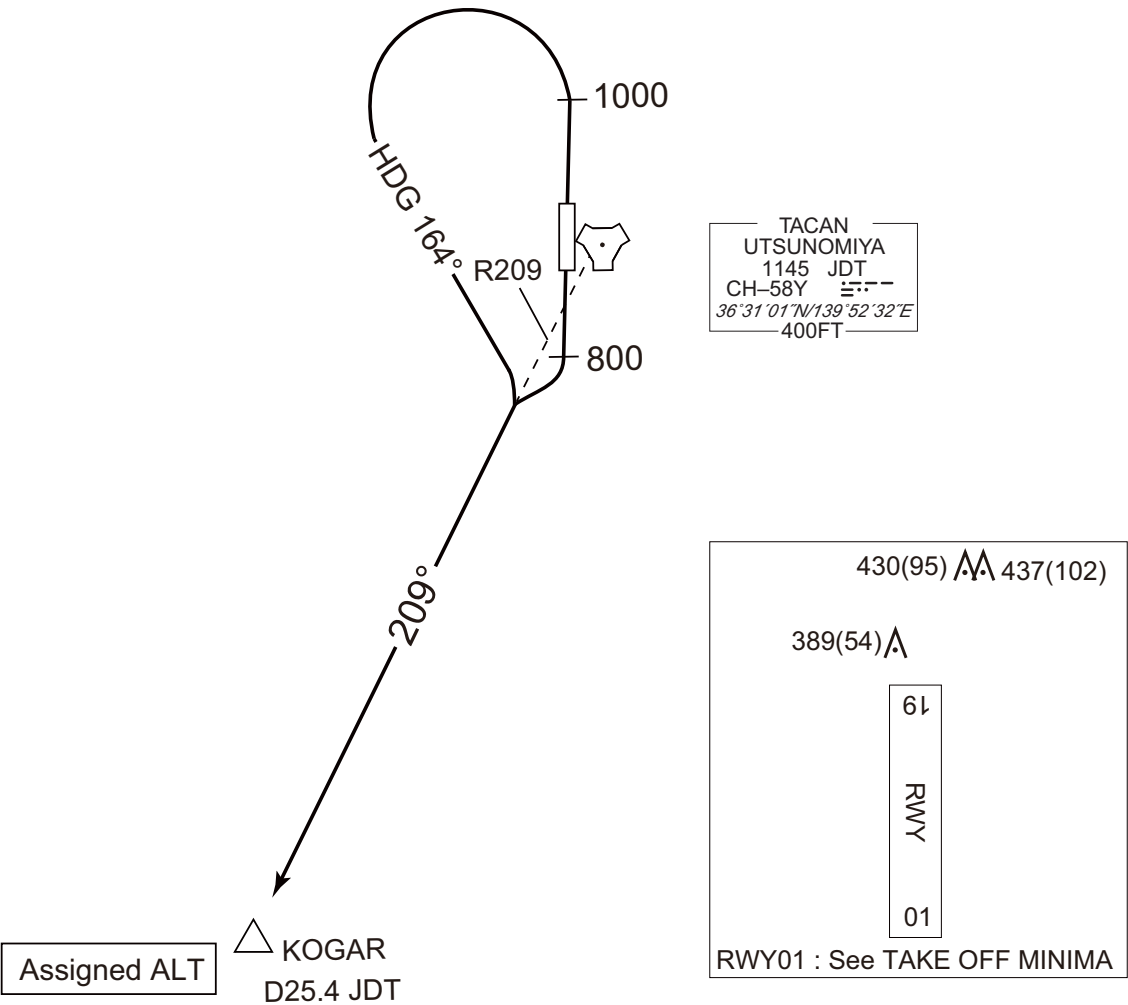
KOGAR FIVE DEPARTURE

RWY01 : Climb RWY HDG to 1000FT, turn left HDG 164° to intercept and proceed...

RWY19 : Climb RWY HDG to 800FT, turn right,...  
...via JDT R209 to KOGAR.  
Cross KOGAR at assigned altitude.

Note RWY01 : 4.3% climb gradient required up to 1000FT.  
OBST ALT 1837FT located at 7.6NM 329° FM end of RWY01.  
RWY19 : 4.4% climb gradient required up to 800FT.  
OBST ALT 358FT located at 0.2NM 205° FM end of RWY19.

CHANGE : PROC renamed. PROC course. Note added. OBST chart added.



## STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA

SID

MIKRA FOUR DEPARTURE

RWY01 : Climb RWY HDG to 1000FT, turn left ,...

RWY19 : Climb RWY HDG to 800FT, turn right ,...

...via JDT R360 to intercept and proceed via JDT17.6DME clockwise  
ARC via JDT R022 to MIKRA.Cross JDT R360/7.0DME at or below 4000FT, cross MIKRA at  
assigned altitude.

Note RWY01 : 4.1% climb gradient required up to 3600FT.

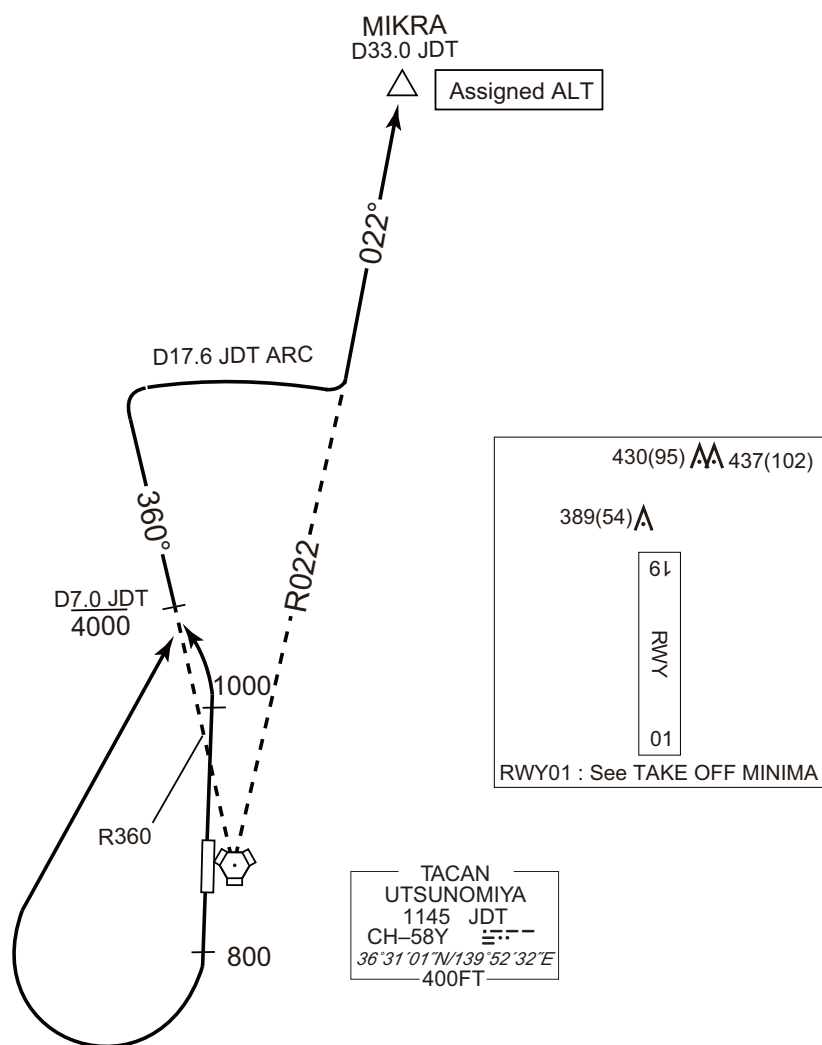
OBST ALT 813FT located at 3.0NM 023° FM end of RWY01.

OBST ALT 4331FT located at 22.3NM 360° FM end of RWY01.

RWY19 : 4.4% climb gradient required up to 4100FT.

OBST ALT 358FT located at 0.2NM 205° FM end of RWY19.

OBST ALT 5052FT located at 23.3NM 357° FM end of RWY19.



CHANGE : PROC renamed. PROC course. Note added. OBST chart added.

STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA

SID

UTSUNOMIYA REVERSAL ONE DEPARTURE

RWY01 : Climb RWY HDG to 1000FT, turn right...  
RWY19 : Climb RWY HDG to 800FT, turn left HDG345° to intercept and proceed...  
...via JDT R030 to 4000FT, turn right direct JDT TACAN.  
Cross JDT TACAN at assigned altitude.  
Note RWY01 : 4.1% climb gradient required up to 1000FT.  
OBST ALT 813FT located at 3.0NM 023° FM end of RWY01.  
RWY19 : 4.4% climb gradient required up to 800FT.  
OBST ALT 358FT located at 0.2NM 205° FM end of RWY19.



CHANGE : New PROC.

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STANDARD ARRIVAL CHART-INSTRUMENT

RJTU / UTSUNOMIYA

STAR

IPNAX ARRIVAL

From over JDT TACAN, proceed via JDT R174 to IPNAX.  
Cross IPNAX at or above 3000FT.

TACAN  
UTSUNOMIYA  
1145 JDT  
CH-58Y   
36°31'01"N/139°52'32"E  
400FT



174°



3000

IPNAX  
D8.7 JDT

CHANGE : New PROC.

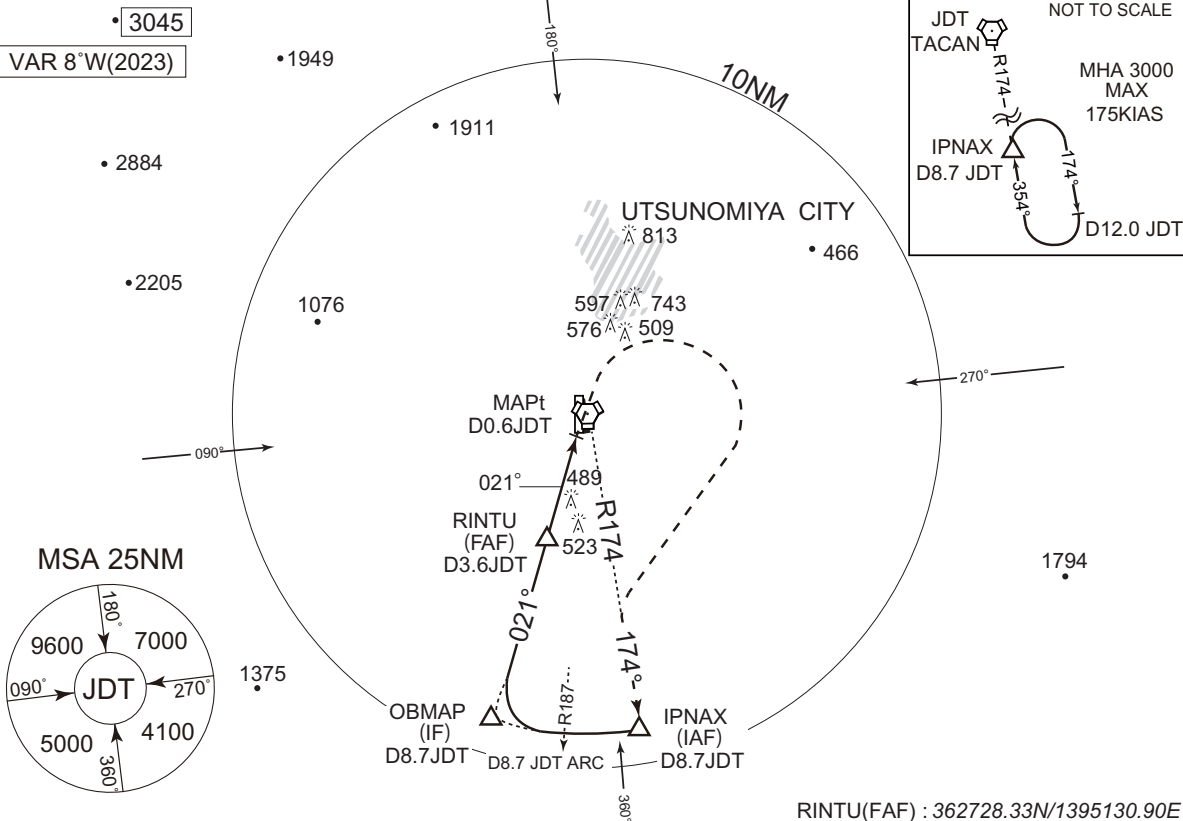
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CHANGE : PROC renamed. VAR. PROC course. Missed APCH course. HLDG pattern. MSA. IPNAX, OBMAP, RINTU established. TOCHL abolished. ALT(3.0° APCH Path) established. THR elev. AD elev. MDA(H). Circling restriction established.

TACAN RWY01

$$\frac{\bullet 3045}{\text{VAR } 8^{\circ}\text{W}(2023)}$$



Turn right, climb to 3000FT via JDT  
R174 to IPNAX and hold.  
Contact UTSUNOMIYA APP.

No turn before MAPt.  
Timing not authorized for defining the MAPt.

| MINIMA |           | THR elev. 309 | AD elev. 335 |      |
|--------|-----------|---------------|--------------|------|
| CAT    |           |               | CIRCLING     |      |
|        | MDA(H)    | CMV           | MDA(H)       | VIS  |
| A      | 770 (461) | 1500          | 810 (475)    | 1600 |
| B      |           |               | 880 (545)    |      |
| C      |           | 2000          | 900 (565)    | 2400 |
| D      | —         | —             | —            | —    |

Circling to WEST side of RWY only.

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