

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 PSN | Nil |
| 5 | MAG VAR/ Annual change | 8°W (2022) |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | JSDF-G |
| 7 | Types of traffic permitted (IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJTU AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|----------------------------------------------------|
| 1 | AD Administration | 2330 - 0800 MON-FRI exc Hol Other time 1h PN |
| 2 | Customs and immigration | Nil |
| 3 | Health and sanitation | Nil |
| 4 | AIS Briefing Office | 2330 - 0800 MON-FRI exc Hol Other time 1h PN |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | 2200 - 0800 MON-FRI Other time on request |
| 7 | ATS | 2330 - 0800 MON-FRI exc Hol 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) (Marking) RWY designation, RWY CL, RWY THR, TDZ, RWY side stripe (LGT) RTHL, REDL, TKOF aiming LGT TWY: (Marking) TWY CL, RWY HLDG PSN (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 MET Office outside hours | 2200 - 0800 MON-FRI Other time on request |
| 3 | Office responsible for TAF preparation Periods of validity | Nil |
| 4 | Trend forecast Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Nil |
| 6 | Flight documentation Language(s) used | Ja, En |
| 7 | Charts and other information available for briefing or consultation | S, U |
| 8 | Supplementary equipment available for providing information | Nil |
| 9 | ATS units provided with information | Nil |
| 10 | Additional information(limitation of service, etc.) | Nil |

RJTU AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE BRG | Dimensions of RWY(M) | Strength(PCN) 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 |
| 01 | To be issued later | 1700x45 | SW 12500kg (27500lbs) Concrete | 363024.99N 1395213.17E (Displaced THR for RDR APP) 363033.41N 1395214.02E | THR ELEV: 309ft (Displaced THR for RDR APP) THR ELEV: 313.4ft TDZ ELEV: 315.9ft |
| 19 | | 1700x45 | | 363119.96N 1395218.68E | THR ELEV: 335ft |
| Slope of RWY | | Strip Dimensions (M) | Remarks | | |
| 7 | | 10 | 12 | | |
| To be issued later | | 2000x300 2000x300 | Several lighted OBST at 1.1nm NNW RWY 19THR. GCA touch down Point located 1312ft inside FM RWY01 end. | | |

RJTU AD 2.13 DECLARED DISTANCES

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

RJTU 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 |
| 01 | | Green Nil | | | | 1700m 60m Coded color (White/Yellow) LIH | | |
| 19 | | Green Nil | | | | 1700m 60m Coded color (White/Yellow) 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 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 |

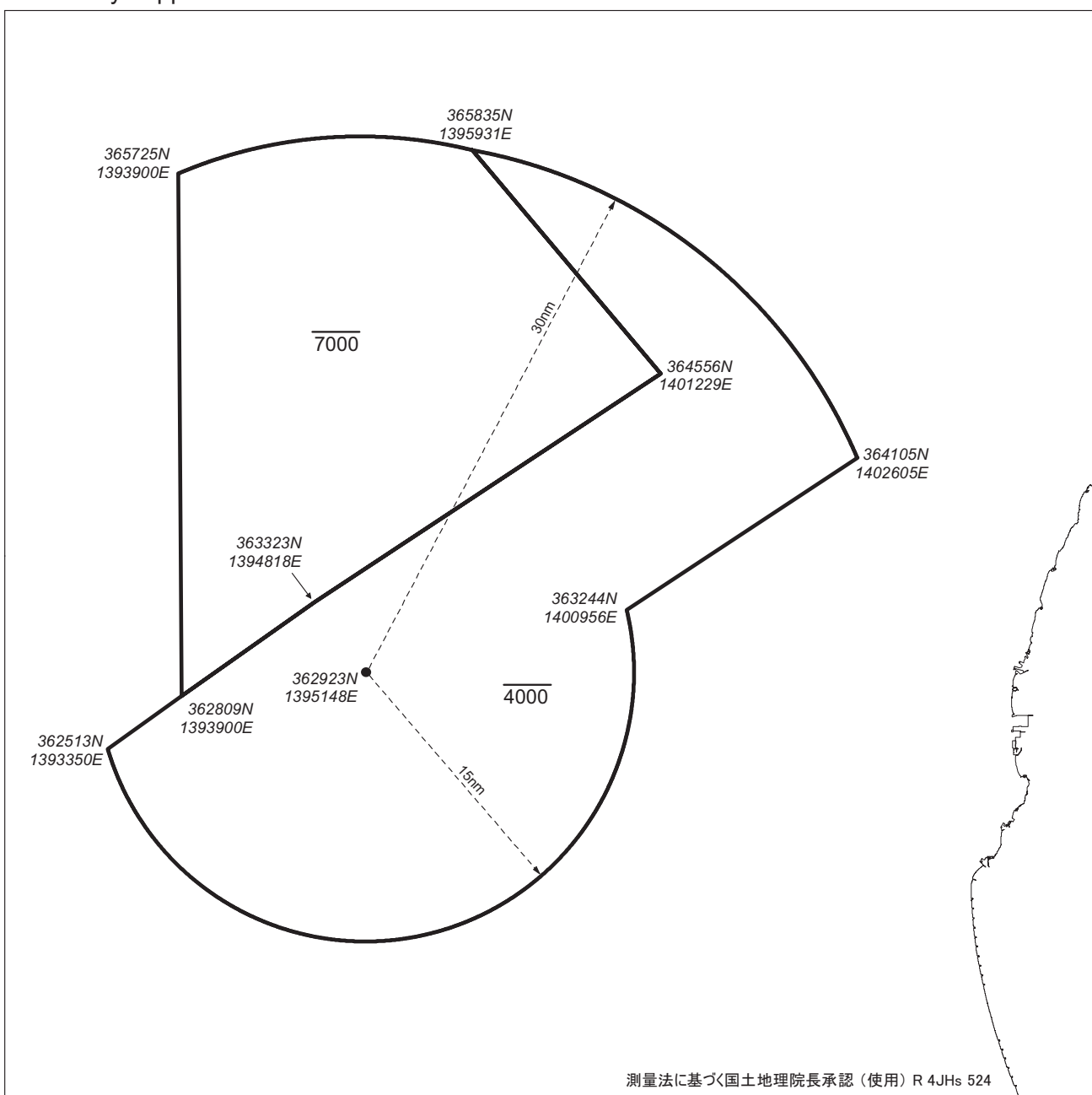
RJTU AD 2.16 HELICOPTER LANDING AREA

| |
|--------------------|
| 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 Approach/ Utsunomiya Radar | 362.3MHz 120.1MHz 122.45MHz 243.0MHz(E) 121.5MHz(E) 303.2MHz | 2330 - 0800(2) MON-FRI Other time 1HR PN | (1)For rescue only. (2)EXC HOL and 12/29 - 1/3. |
| TWR | Utsunomiya Tower | 236.8MHz 126.2MHz 138.05MHz 140.3MHz 123.1MHz(1) 243.0MHz(E) 121.5MHz(E) 140.8MHz 122.2MHz | 2330 - 0800(2) MON-FRI Other time 1HR PN | |
| GCA-ASR -PAR | Utsunomiya GCA | 335.6MHz 270.8MHz 125.3MHz 134.1MHz 122.15MHz 141.7MHz 140.8MHz 243.0MHz(E) 121.5MHz(E) 139.45MHz 141.95MHz | 2330 - 0800(2) MON-FRI Other time 1HR PN | ASR RWY 01/19 PAR RWY 01 Glide path 3.0° Maintenance Period: 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 R150°-160°beyond 35nm BLW 5000ft R310°-330°beyond 30nm BLW 11000ft R350°-360°beyond 35nm BLW 9000ft |

RJTU AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

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|-----|
| 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 CAT | REDL & RCLL | | REDL & 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 | 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

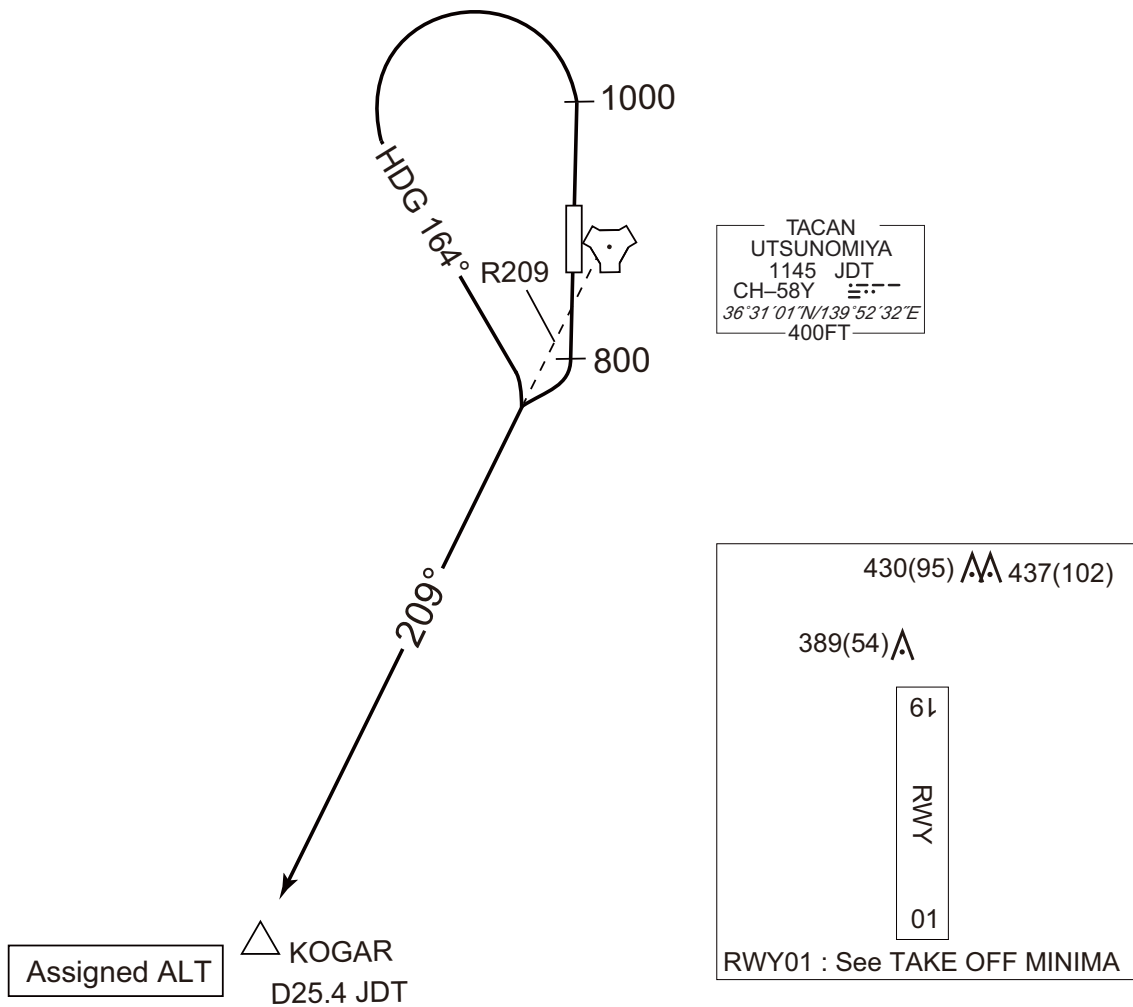
KOGAR FIVE DEPARTURE

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.

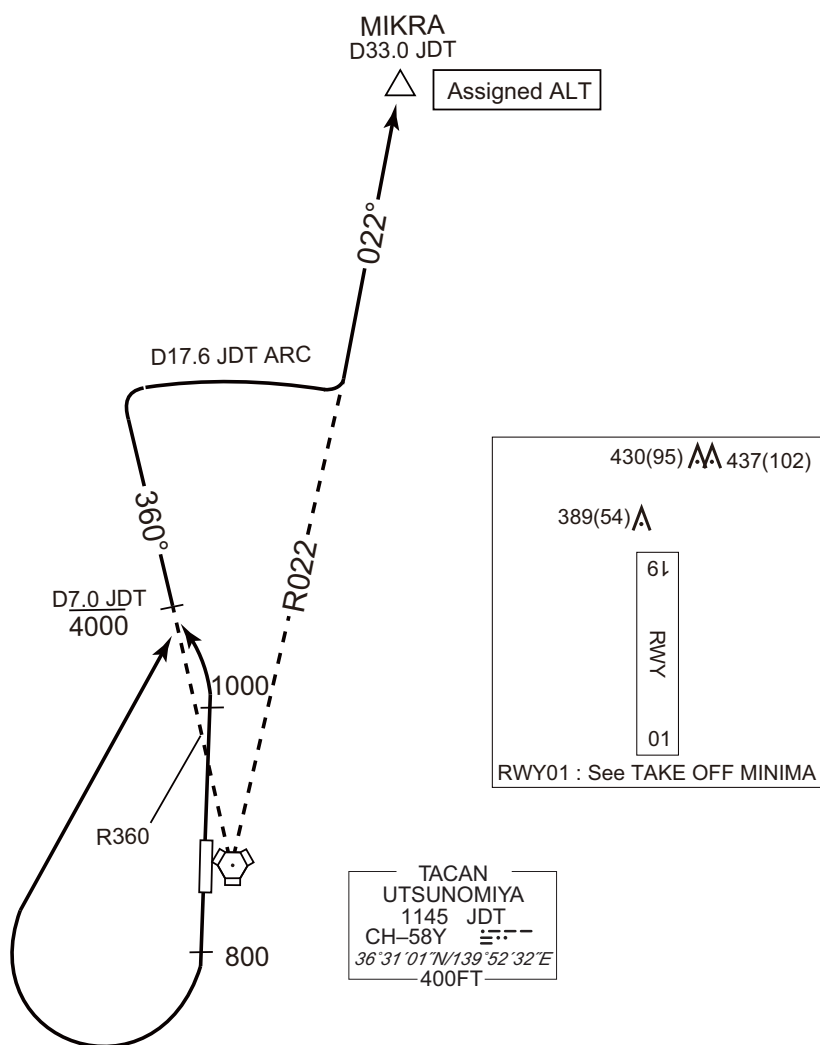
OBST ALT 813FT located at 3.0NM 023° FM end of RWY01.

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.

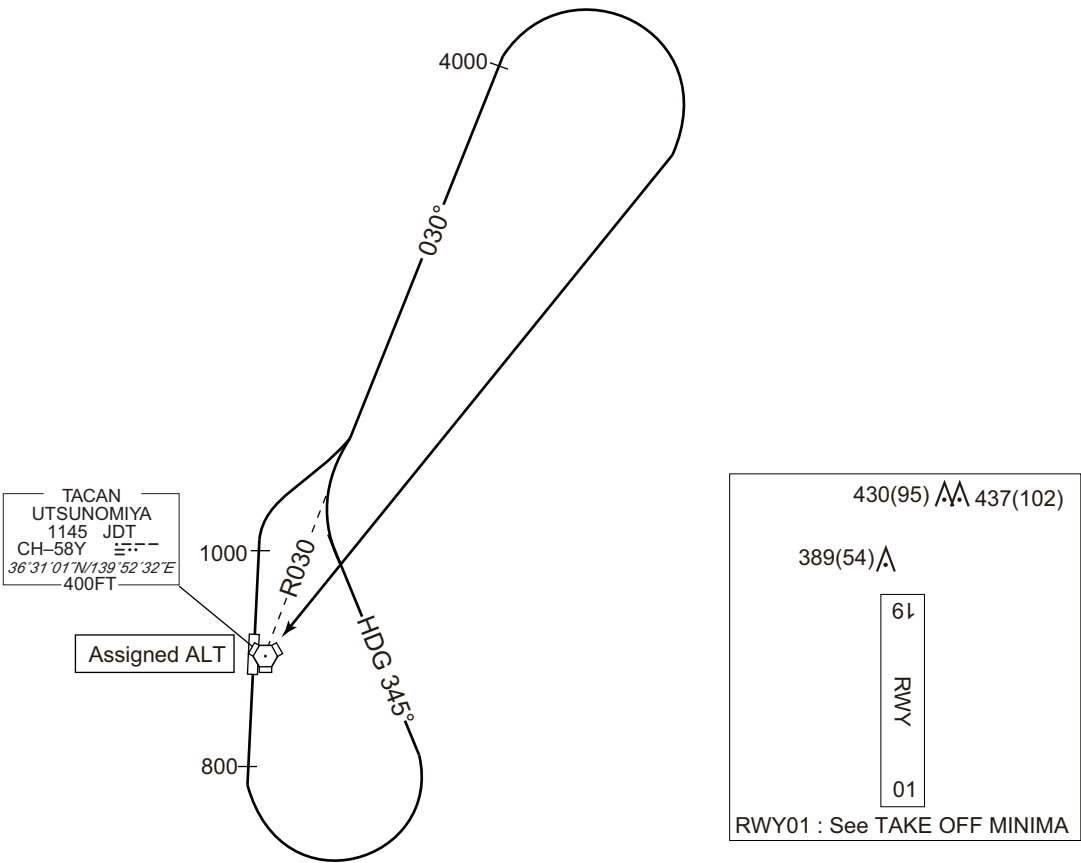
STANDARD DEPARTURE CHART -INSTRUMENT

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. TOCHI abolished. ALT(3.0° APCH Path) established. THR elev. AD elev. MDA(H). Circling restriction established.



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