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	1700×45	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		1700×45		*363119.96N* *1395218.68E*	THR ELEV: 335ft

Slope of RWY	Strip Dimensions (M)	Remarks
7	10	12
To be issued later	2000×300 2000×300	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

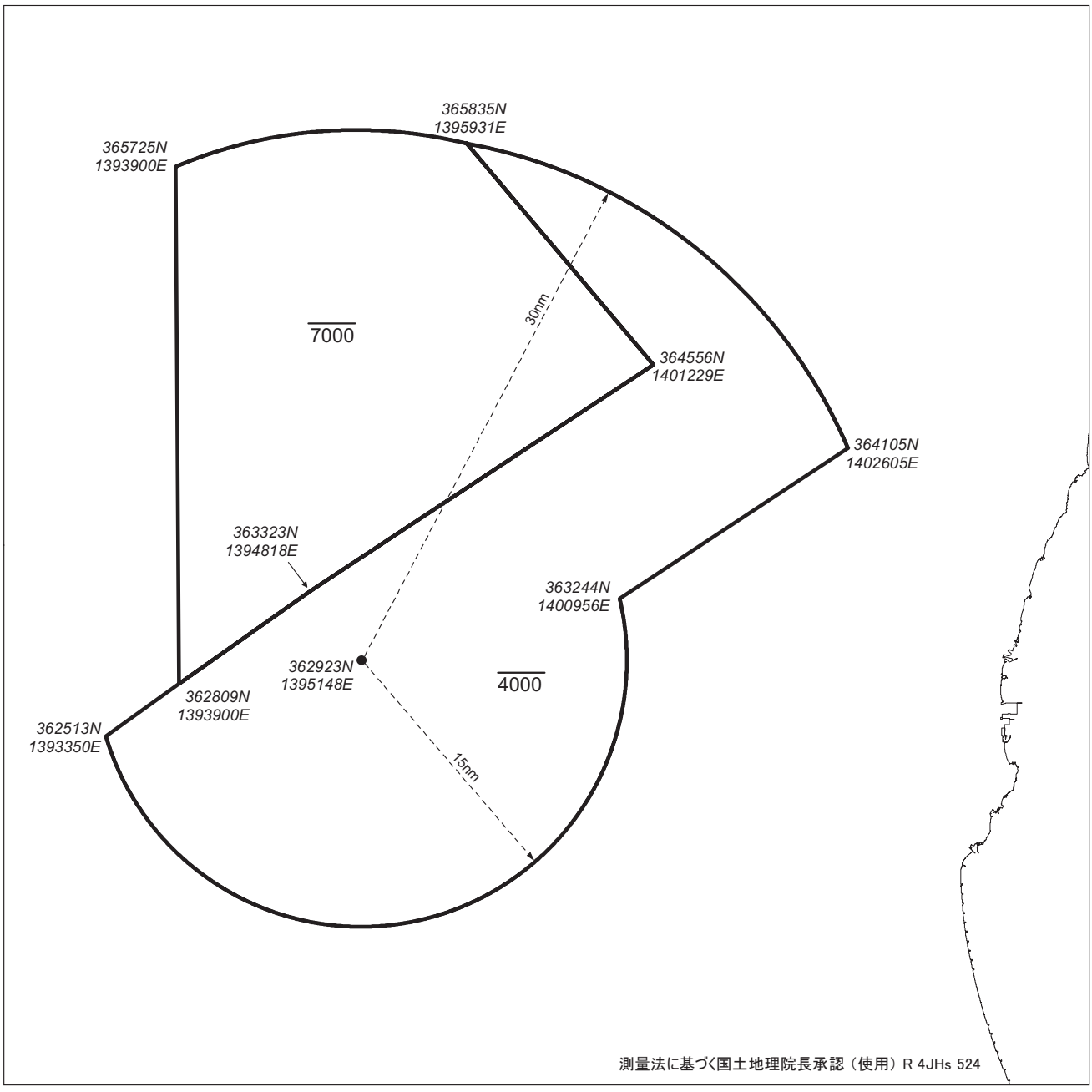
RJTU AD 2.16 HELICOPTER LANDING AREA

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

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 RadarTerminal 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

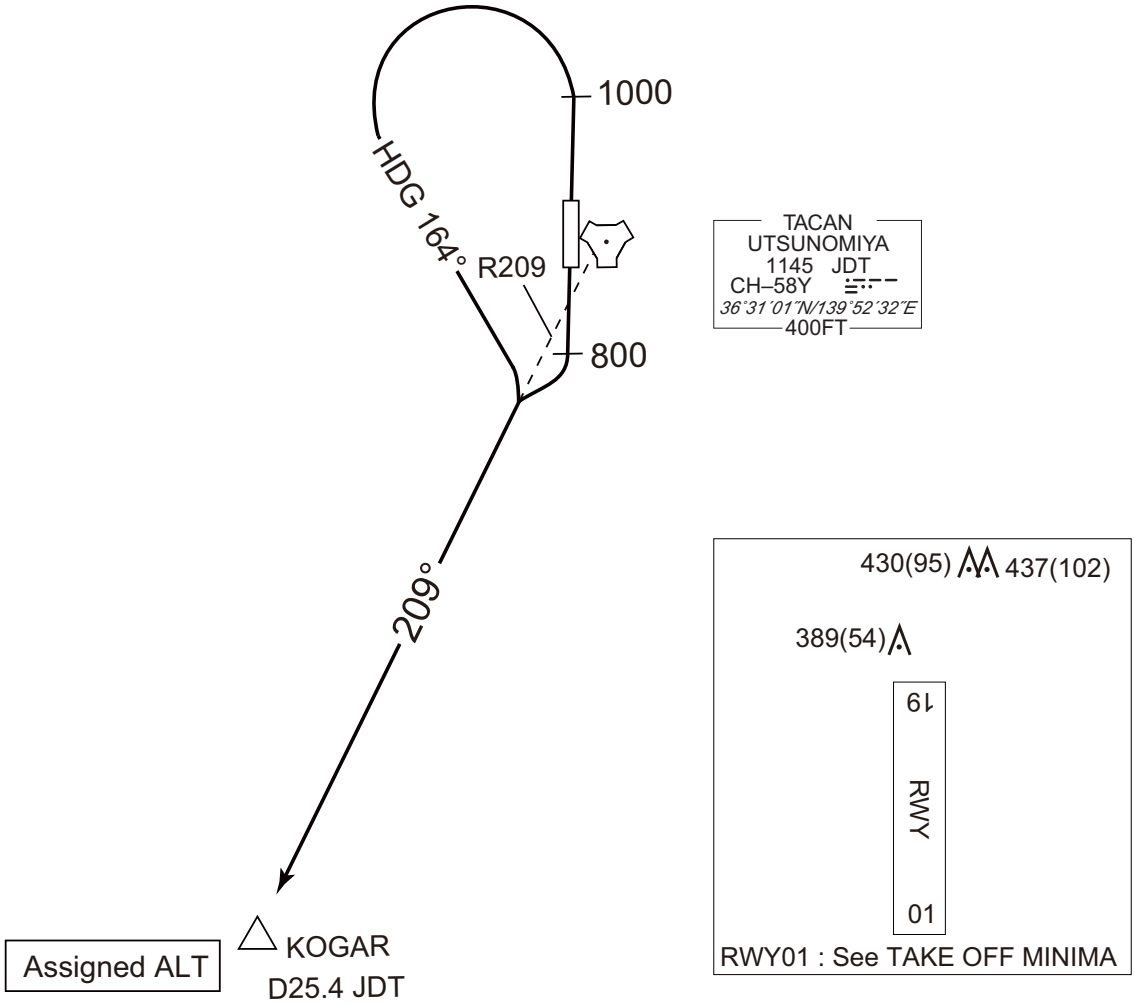
RJTU / UTSUNOMIYA SID

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.

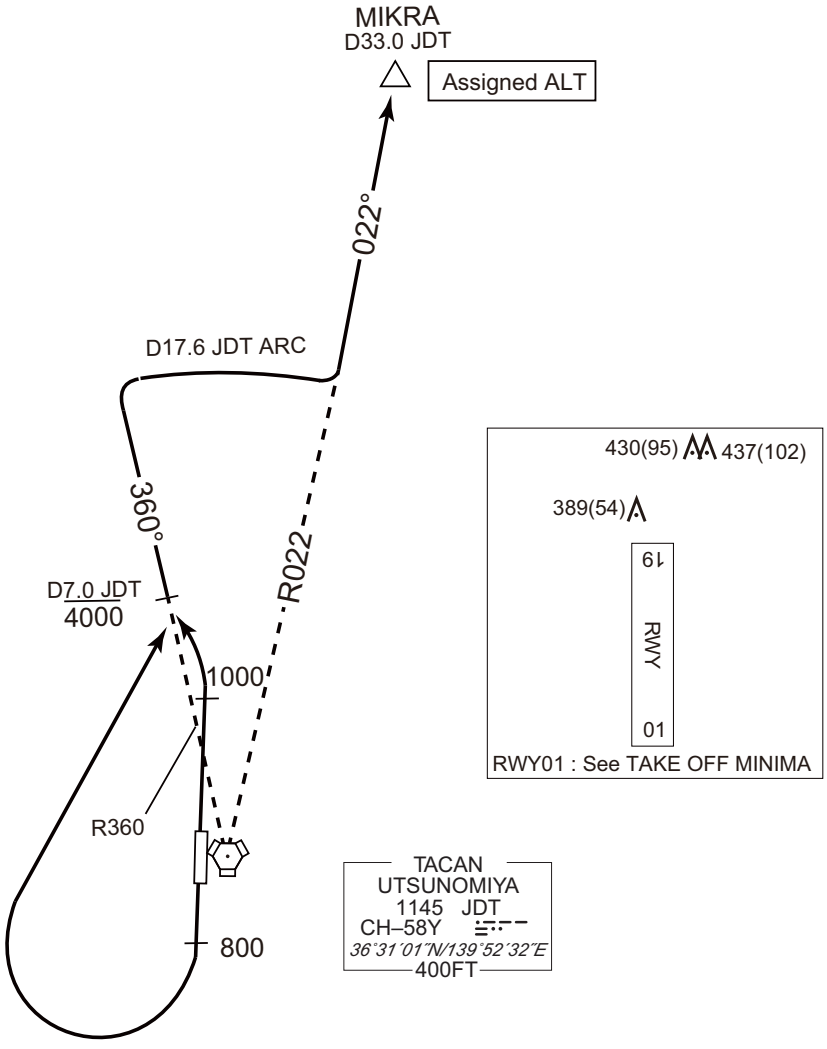
OBST ALT 813FT located at 3.0NM 023˚ FM end of RWY01.

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

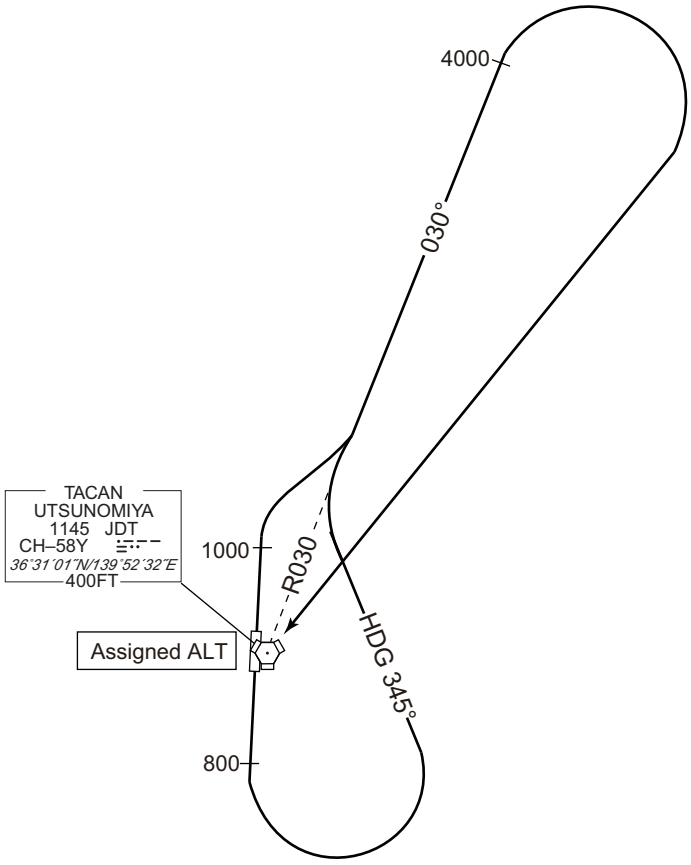
RJTU / UTSUNOMIYA SID

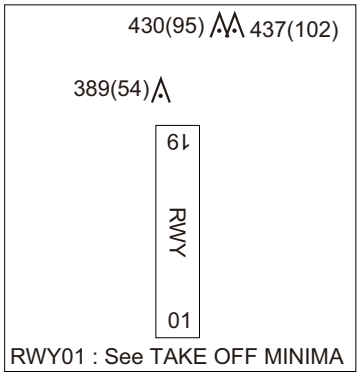
UTSUNOMIYA REVERSAL ONE DEPARTURE

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.





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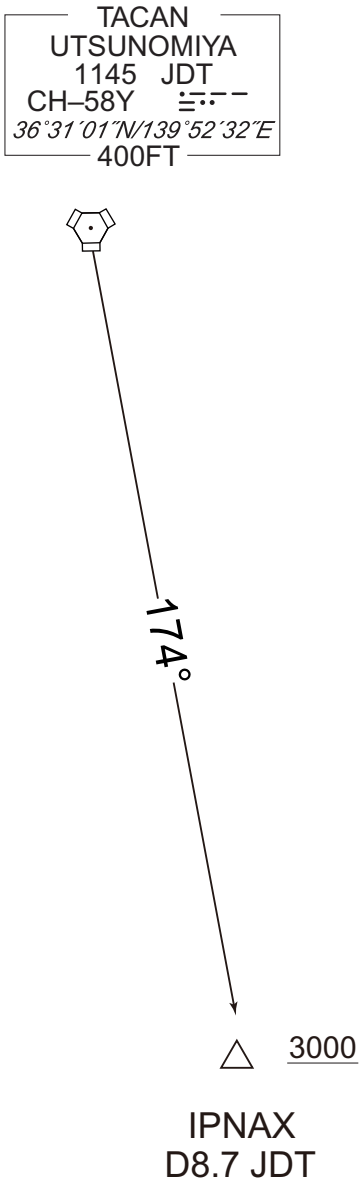
STANDARD ARRIVAL CHART-INSTRUMENT

RJTU / UTSUNOMIYA STAR

IPNAX ARRIVAL

From over JDT TACAN, proceed via JDT R174 to IPNAX.

Cross IPNAX at or above 3000FT.



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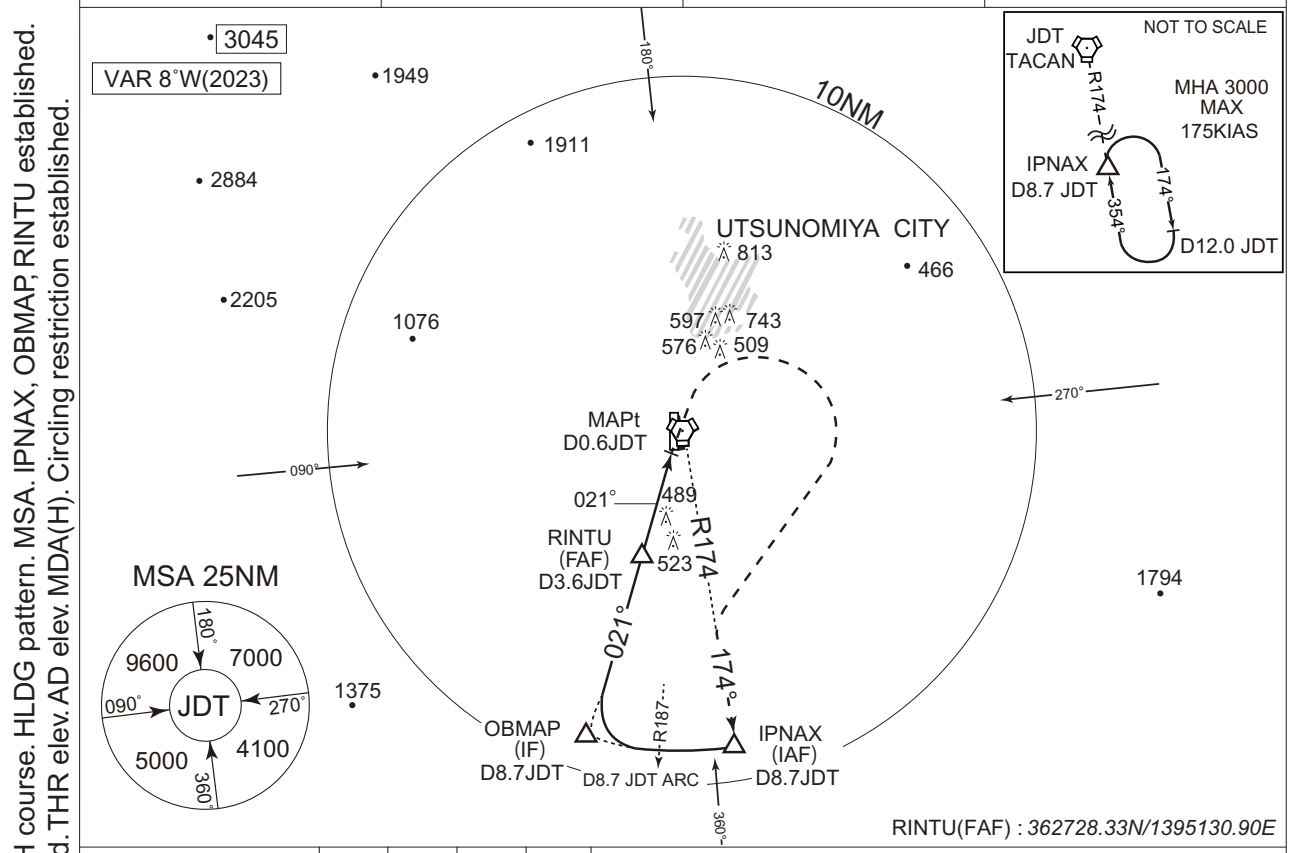
INSTRUMENT APPROACH CHART

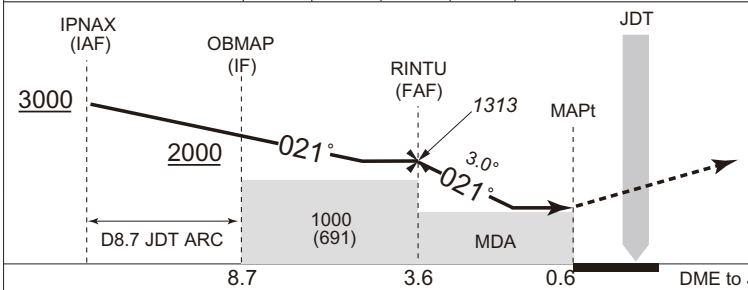
RJTU / UTSUNOMIYA

TACAN RWY01

UTSUNOMIYA APP	UTSUNOMIYA TACAN	UTSUNOMIYA TOWER	RADAR AVBL
362.3 - 120.1 - 122.45	CH-58Y JDT *36°31′01″N/139°52′32″E*	236.8 - 126.2 - 140.3	CALL UTSUNOMIYA APP



NM to JDT	FAF	3	2	MAPt
ALT (3.0° APCH Path)	1313	1112	793	–



MISSED APPROACH

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

Contact UTSUNOMIYA APP.

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

	8.7	3.6	0.6	DME to JDT
	8.0	3.0	0	NM to THR

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.

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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