

STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA

SID

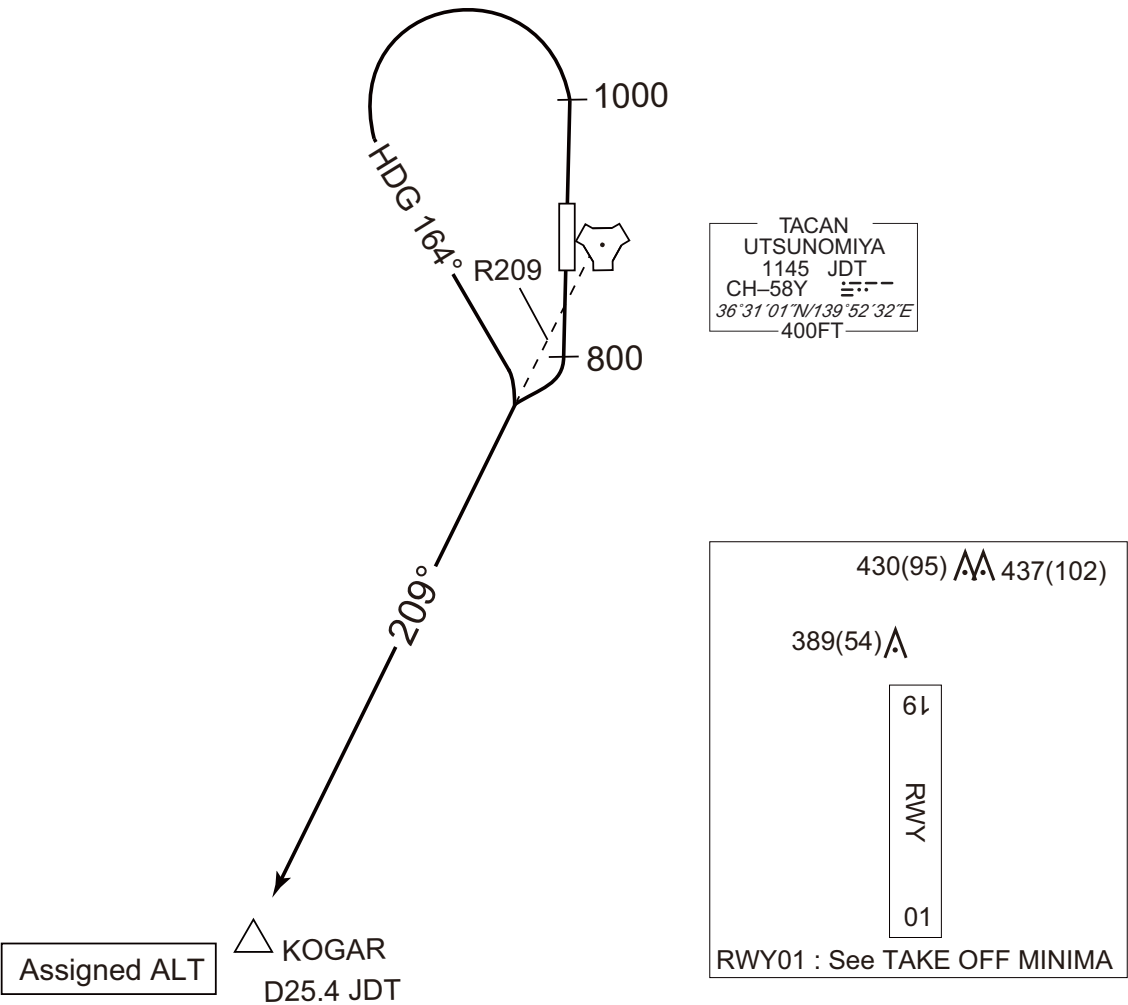
KOGAR FIVE DEPARTURE

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.



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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.

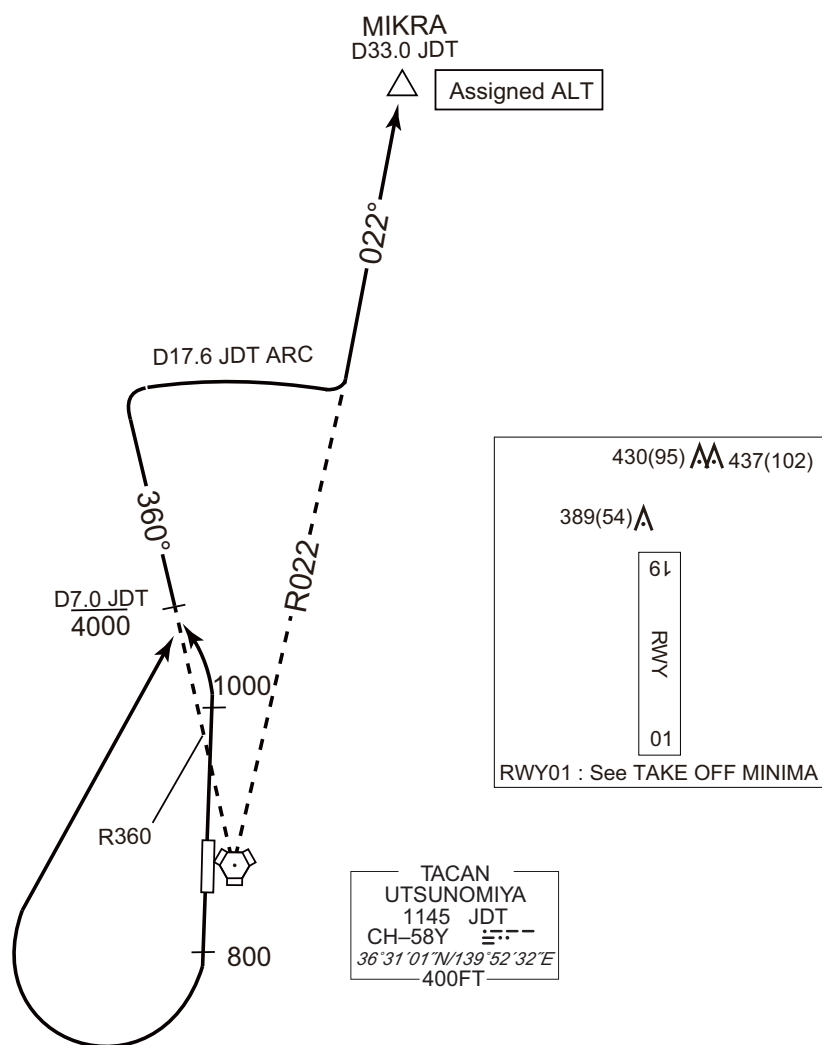
OBST ALT 813FT located at 3.0NM 023° FM end of RWY01.

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.

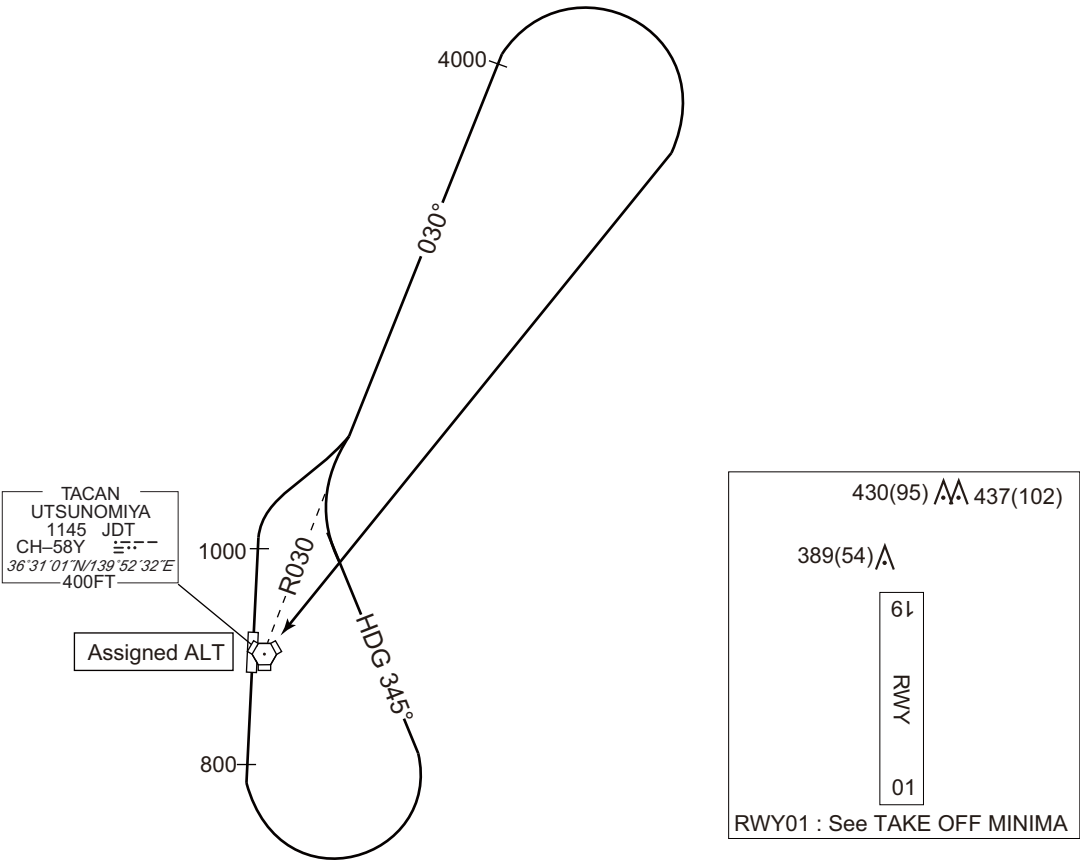
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UTSUNOMIYA REVERSAL ONE DEPARTURE

- 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

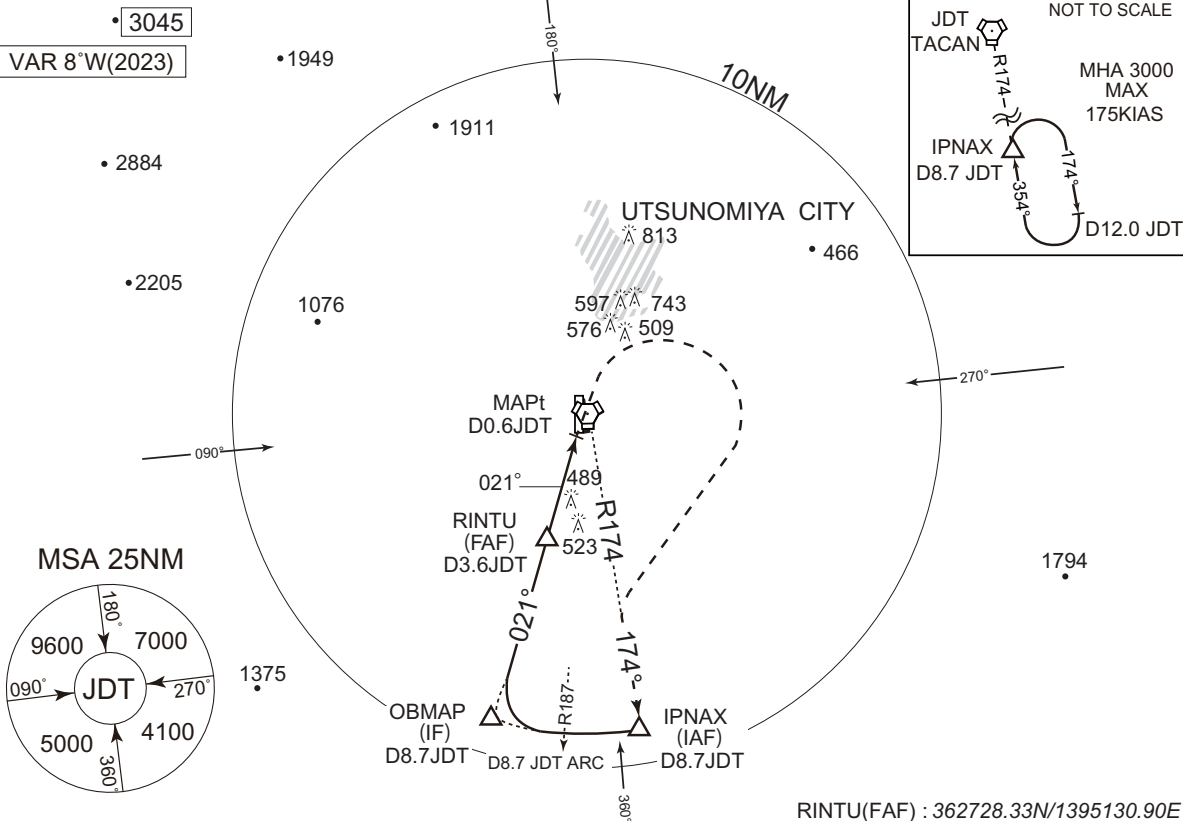
CHANGE : New PROC.

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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 definig 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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