

STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA

SID

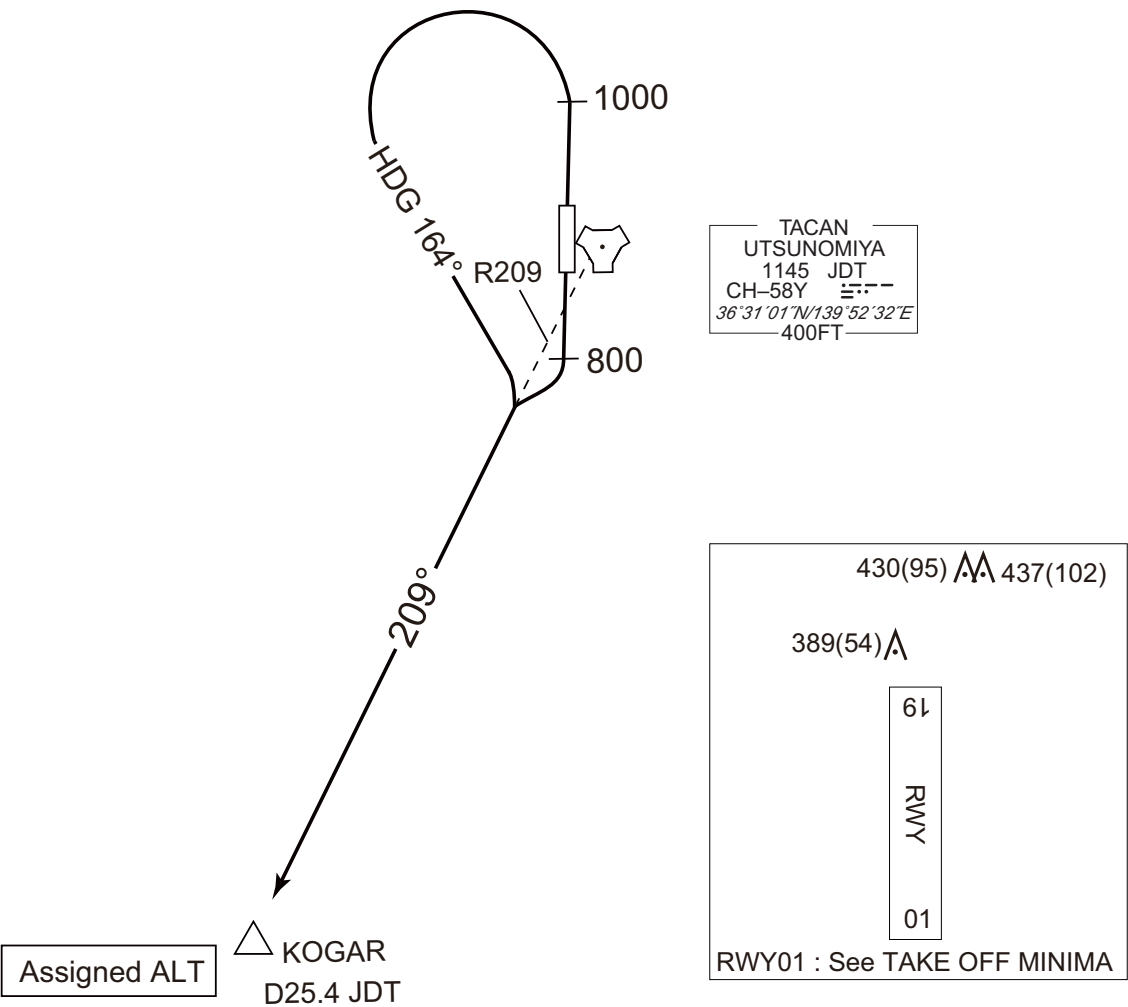
KOGAR FIVE DEPARTURE

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.

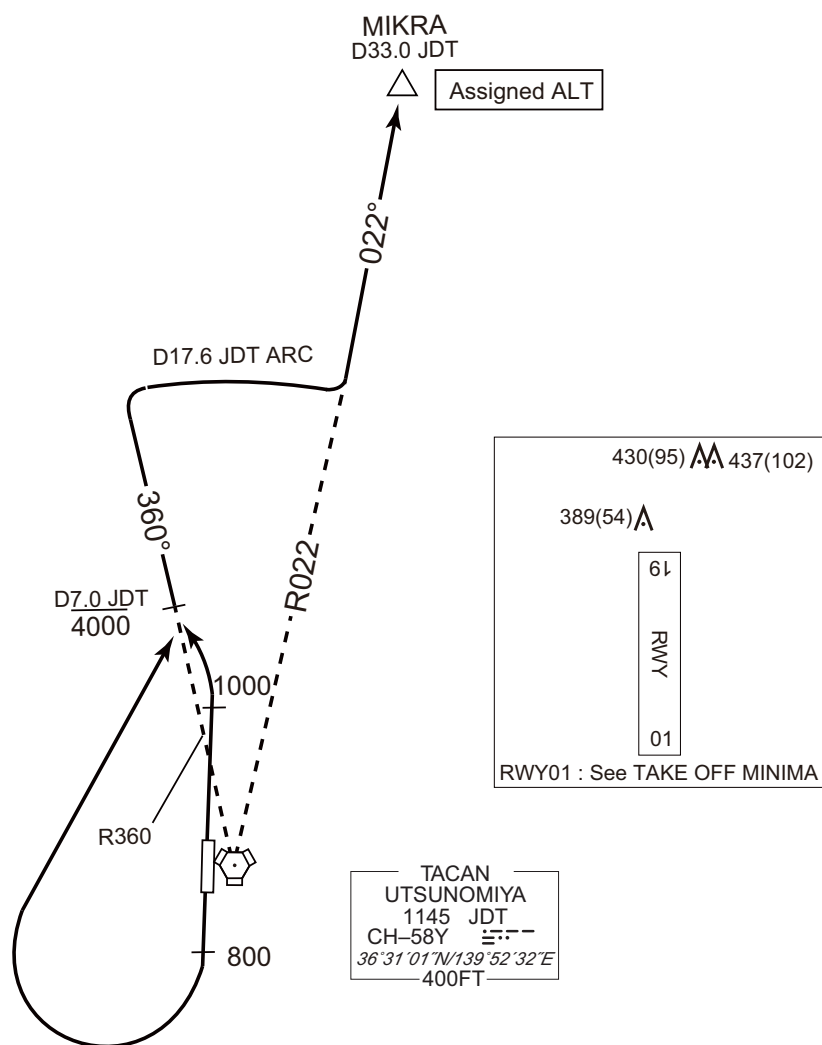
OBST ALT 813FT located at 3.0NM 023° FM end of RWY01.

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.

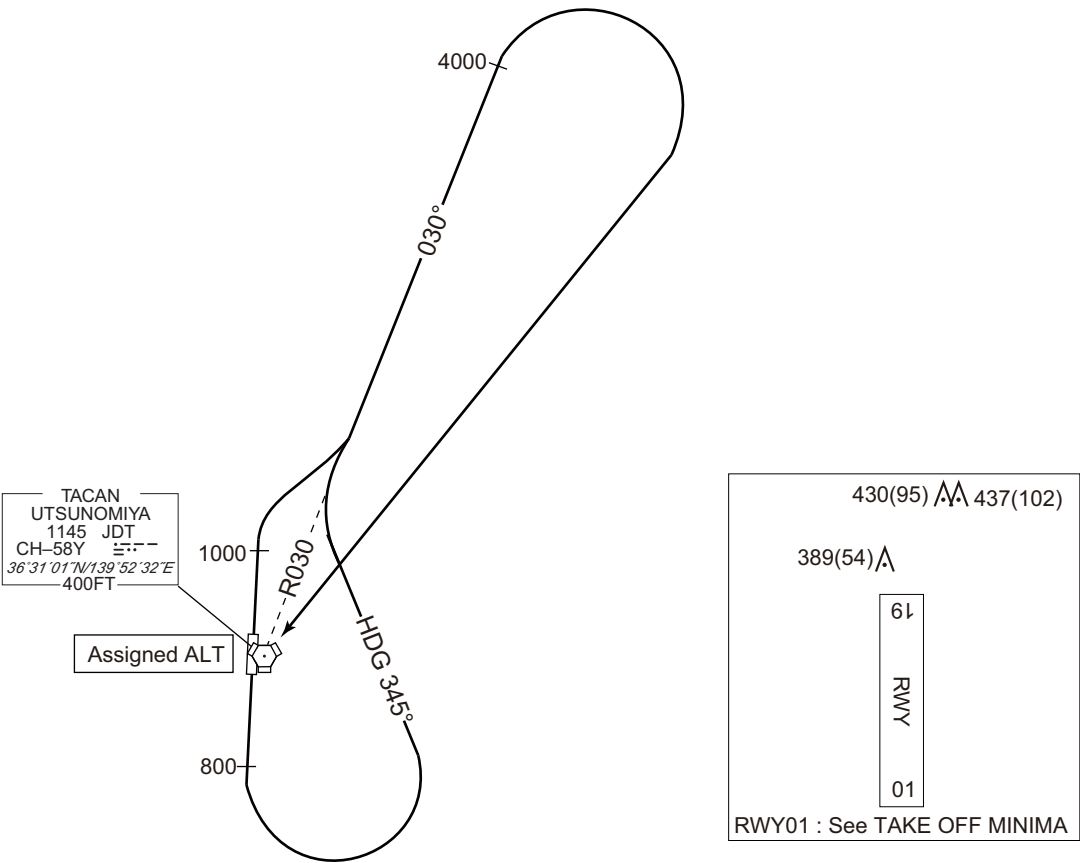
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UTSUNOMIYA REVERSAL ONE DEPARTURE

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°



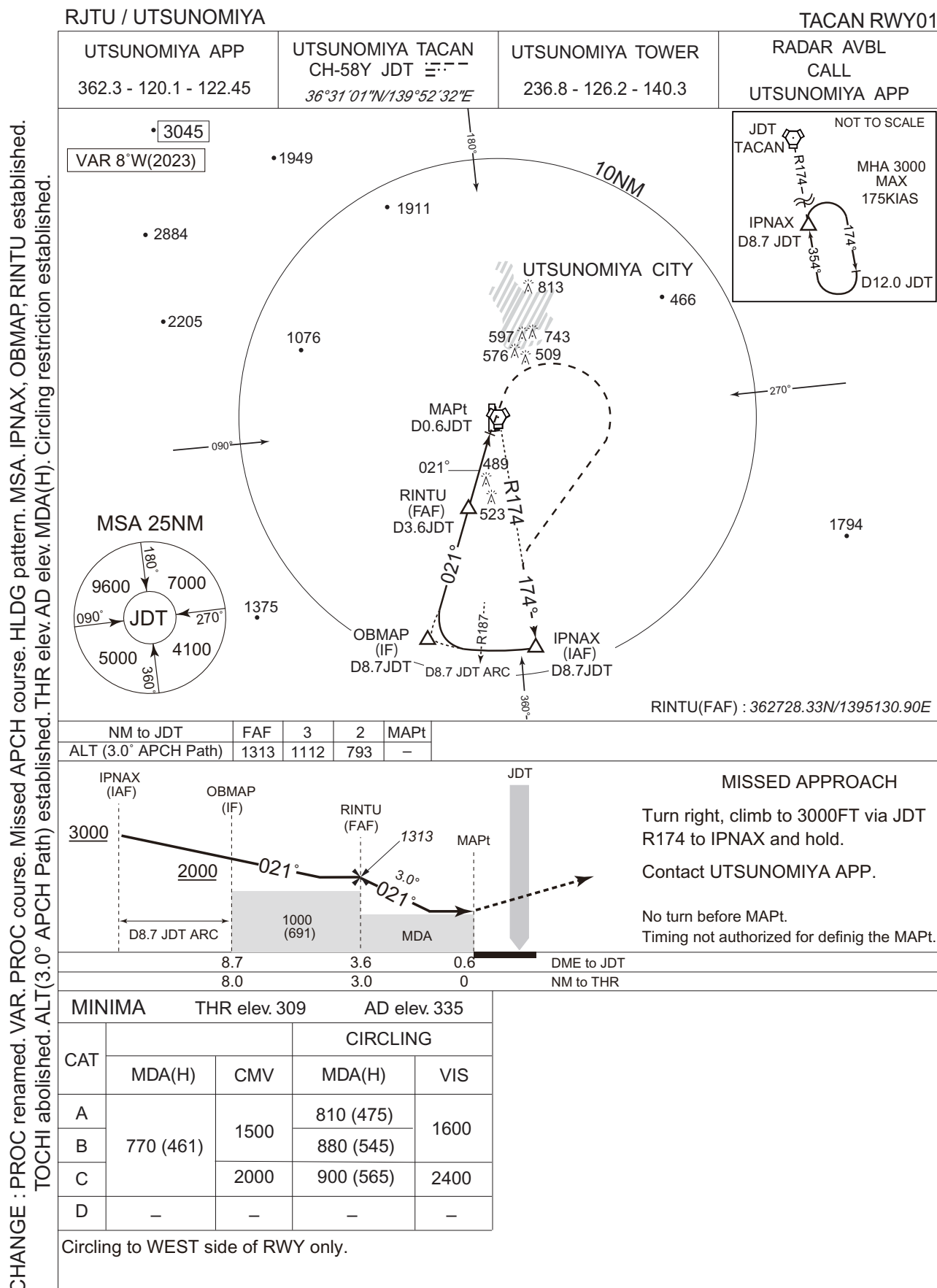
3000

IPNAX
D8.7 JDT

CHANGE : New PROC.

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INSTRUMENT APPROACH CHART



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