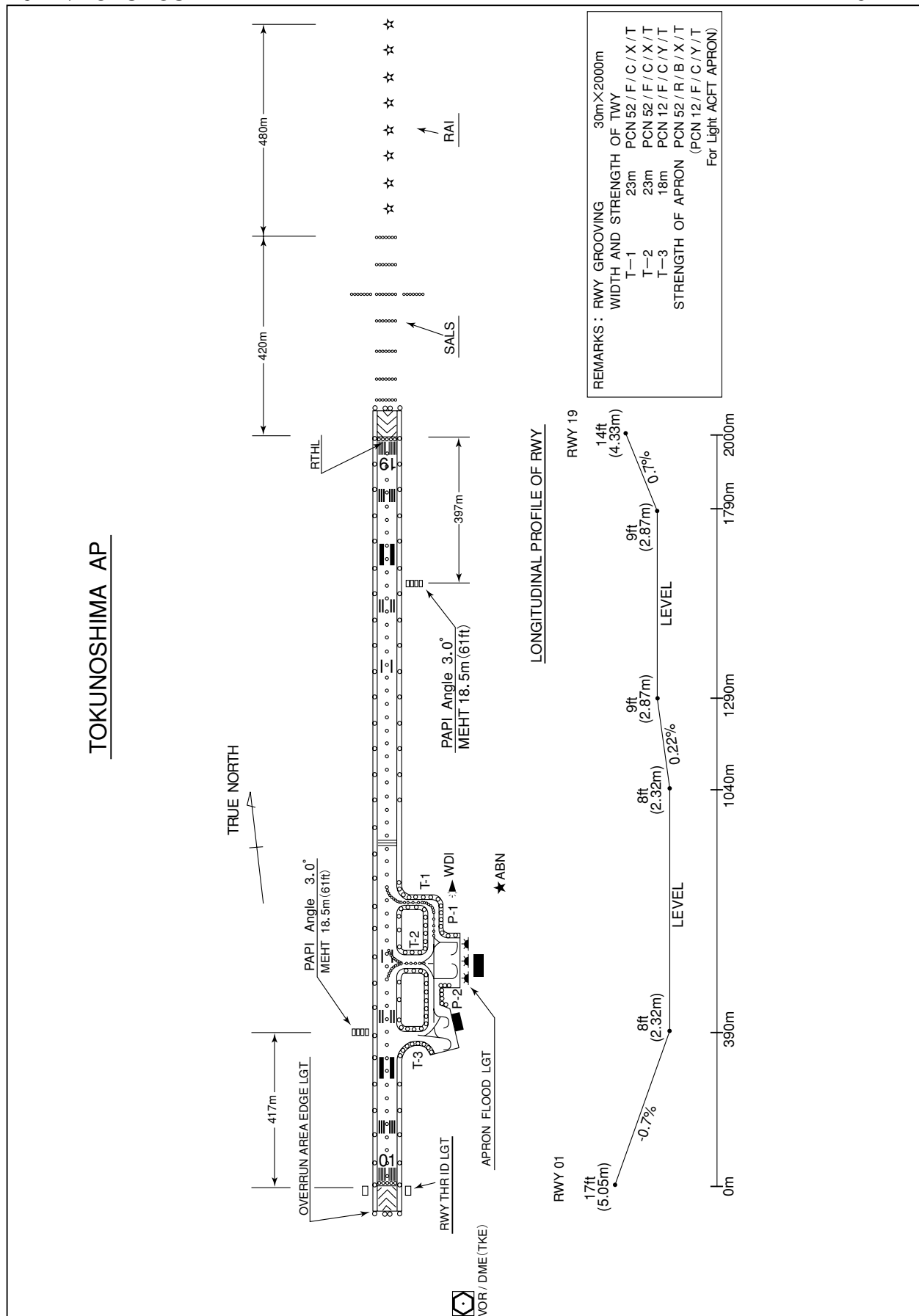


## AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA

SID and TRANSITION

TOKUNOSHIMA FIVE DEPARTURE

RWY01 : Climb via TKE R359 to 5.0DME, turn left,...

RWY19 : Climb RWY HDG to 700FT, turn right,...

...direct to TKE VOR/DME.

Cross TKE VOR/DME at or above 3000FT.

Note RWY01 : 4.9% climb gradient required up to 1600FT.

OBST ALT 427FT located at 1.4NM 029° FM end of RWY01.

Note RWY19 : No turn before DER.

KUNIG TRANSITION

From over TKE VOR/DME, via TKE R209 to KUNIG or ONC VORTAC.

Cross KUNIG or ONC VORTAC at assigned altitude.

MEKAX TRANSITION

From over TKE VOR/DME, via TKE R025 to 15.0DME, via ONC R026 to MEKAX.

Cross MEKAX at or above 11000FT.

KASARI TRANSITION

From over TKE VOR/DME, via TKE R097 to PINNE, via AME R228 to YUWAN  
or AME VOR/DME.

Cross PINNE at or above 6000FT, cross YUWAN or AME VOR/DME at assigned altitude.

CHANGE : PROC renamed(TOKUNOSHIMA FIVE DEPARTURE). PROC course(SID, TRANSITION).

## STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA

SID and TRANSITION

CHANGE : PROC renamed(TOKUNOSHIMA FIVE DEPARTURE). PROC course(SID, TRANSITION).



STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA

RNAV SID

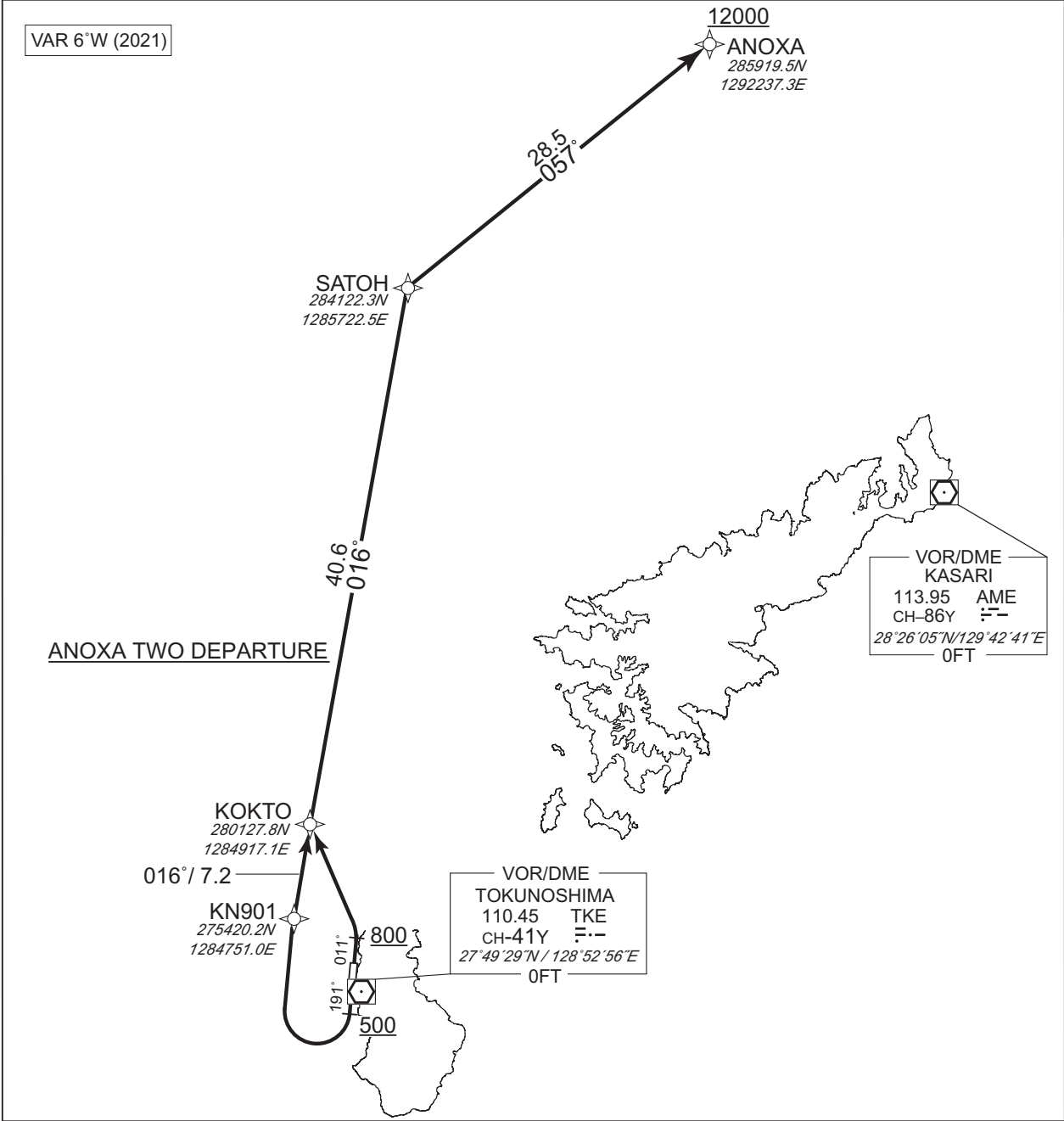
| ANOXA TWO DEPARTURE | Basic RNP1 |
|---------------------|------------|
|---------------------|------------|

Note GNSS required.

VAR 6°W (2021)

ANOXA TWO DEPARTURE

CHANGE : VAR. PROC renamed. PROC course.



ANOXA TWO DEPARTURE

RWY01 : Climb on HDG011° at or above 800FT, turn left direct to KOKTO, to SATOH, to ANOXA at or above 12000FT.

RWY19 : Climb on HDG191° at or above 500FT, turn right direct to KN901, to KOKTO, to SATOH, to ANOXA at or above 12000FT.

Note RWY01 : 6.1% climb gradient required up to 800FT.  
OBST ALT 460FT located at 1.4NM 029° FM end of RWY01.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA

RNAV SID

ANOXA TWO DEPARTURE

## RWY01

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 011<br>(005.1) | -6.1               | —             | —              | +800          | —            | —              | Basic RNP1               |
| 002           | DF              | KOKTO               | —        | —              | -6.1               | —             | L              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | SATOH               | —        | 016<br>(010.1) | -6.1               | 40.6          | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | ANOXA               | —        | 057<br>(050.8) | -6.1               | 28.5          | —              | +12000        | —            | —              | Basic RNP1               |

## RWY19

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 191<br>(185.1) | -6.1               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | KN901               | —        | —              | -6.1               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | KOKTO               | —        | 016<br>(010.1) | -6.1               | 7.2           | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | SATOH               | —        | 016<br>(010.1) | -6.1               | 40.6          | —              | —             | —            | —              | Basic RNP1               |
| 005           | TF              | ANOXA               | —        | 057<br>(050.8) | -6.1               | 28.5          | —              | +12000        | —            | —              | Basic RNP1               |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA

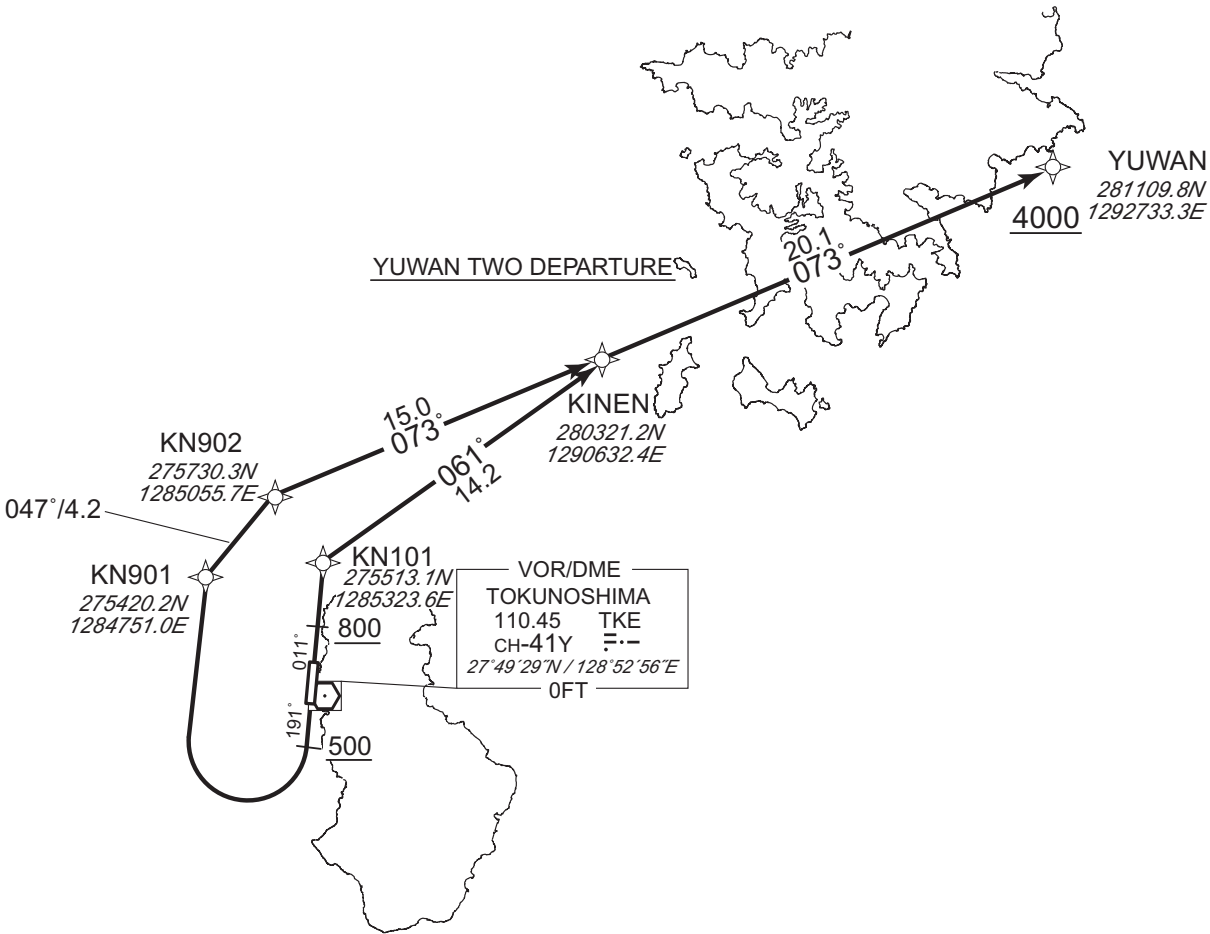
RNAV SID

YUWAN TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 6°W (2021)



YUWAN TWO DEPARTURE

RWY01 : Climb on HDG 011° at or above 800FT, direct to KN101, to KINEN, to YUWAN at or above 4000FT.

RWY19 : Climb on HDG 191° at or above 500FT, turn right direct to KN901, to KN902, to KINEN, to YUWAN at or above 4000FT.

Note RWY01 : 6.1% climb gradient required up to 800FT.  
OBST ALT 460FT located at 1.4NM 029° FM end of RWY01.

CHANGE : VAR. PROC renamed. PROC course.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJKN / TOKUNOSHIMA

RNAV SID

YUWAN TWO DEPARTURE

## RWY01

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 011<br>(005.1) | -6.1               | —             | —              | +800          | —            | —              | Basic RNP1               |
| 002           | DF              | KN101               | —        | —              | -6.1               | —             | —              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | KINEN               | —        | 061<br>(054.9) | -6.1               | 14.2          | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | YUWAN               | —        | 073<br>(067.1) | -6.1               | 20.1          | —              | +4000         | —            | —              | Basic RNP1               |

## RWY19

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 191<br>(185.1) | -6.1               | —             | —              | +500          | —            | —              | Basic RNP1               |
| 002           | DF              | KN901               | —        | —              | -6.1               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | KN902               | —        | 047<br>(040.6) | -6.1               | 4.2           | —              | —             | —            | —              | Basic RNP1               |
| 004           | TF              | KINEN               | —        | 073<br>(066.9) | -6.1               | 15.0          | —              | —             | —            | —              | Basic RNP1               |
| 005           | TF              | YUWAN               | —        | 073<br>(067.1) | -6.1               | 20.1          | —              | +4000         | —            | —              | Basic RNP1               |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA

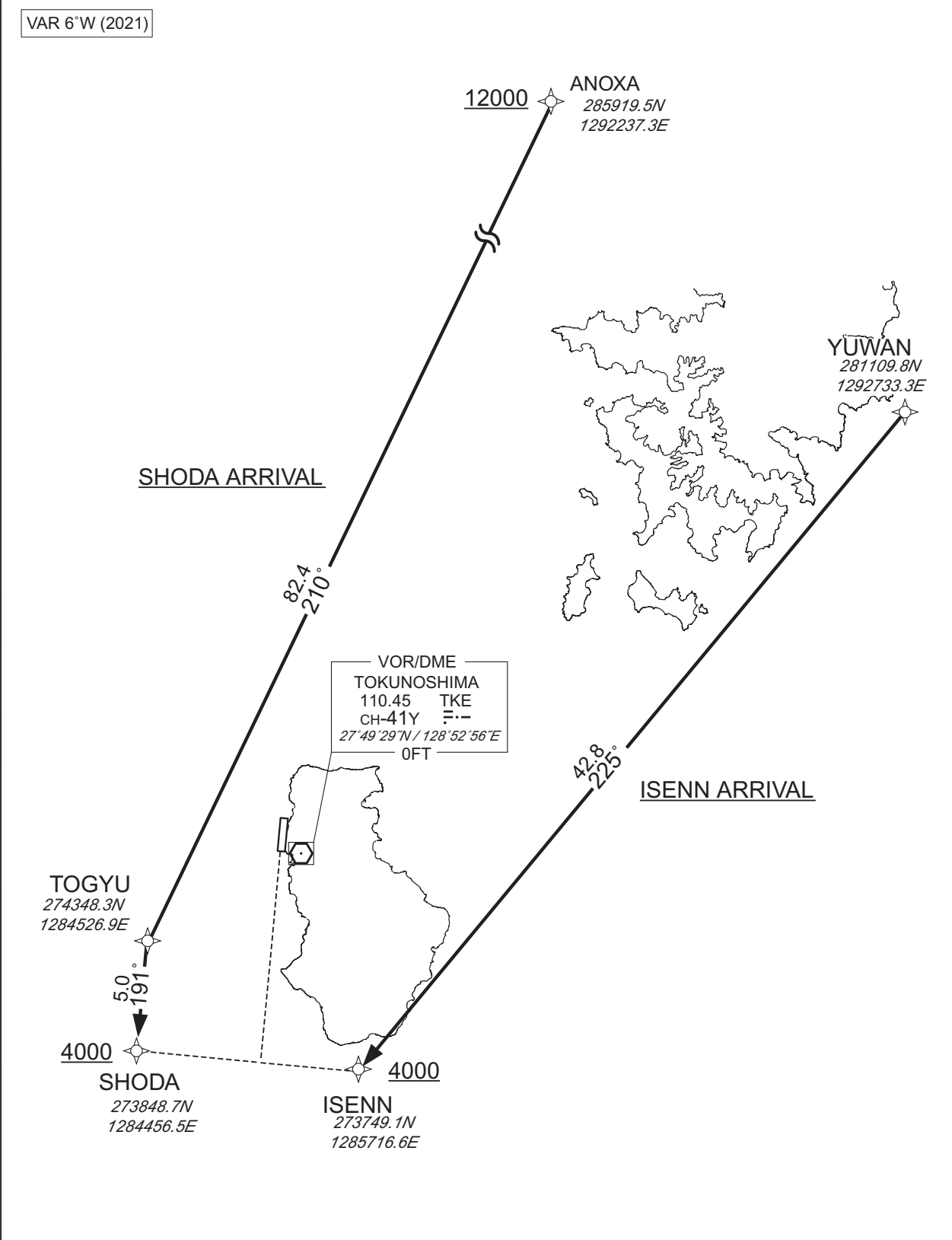
RNAV STAR RWY01

|                                |            |
|--------------------------------|------------|
| SHODA ARRIVAL<br>ISENN ARRIVAL | Basic RNP1 |
|--------------------------------|------------|

Note GNSS required.

VAR 6°W (2021)

CHANGE : VAR. PROC course.





## STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA

RNAV STAR RWY01

SHODA ARRIVAL

From ANOXA at or above 12000FT, to TOGYU, to SHODA at or above 4000FT.

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | ANOXA               | —        | —              | -6.1               | —             | —              | +12000        | —            | —              | Basic RNP1               |
| 002           | TF              | TOGYU               | —        | 210<br>(203.6) | -6.1               | 82.4          | —              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | SHODA               | —        | 191<br>(185.1) | -6.1               | 5.0           | —              | +4000         | —            | —              | Basic RNP1               |

ISENN ARRIVAL

From YUWAN, to ISENN at or above 4000FT.

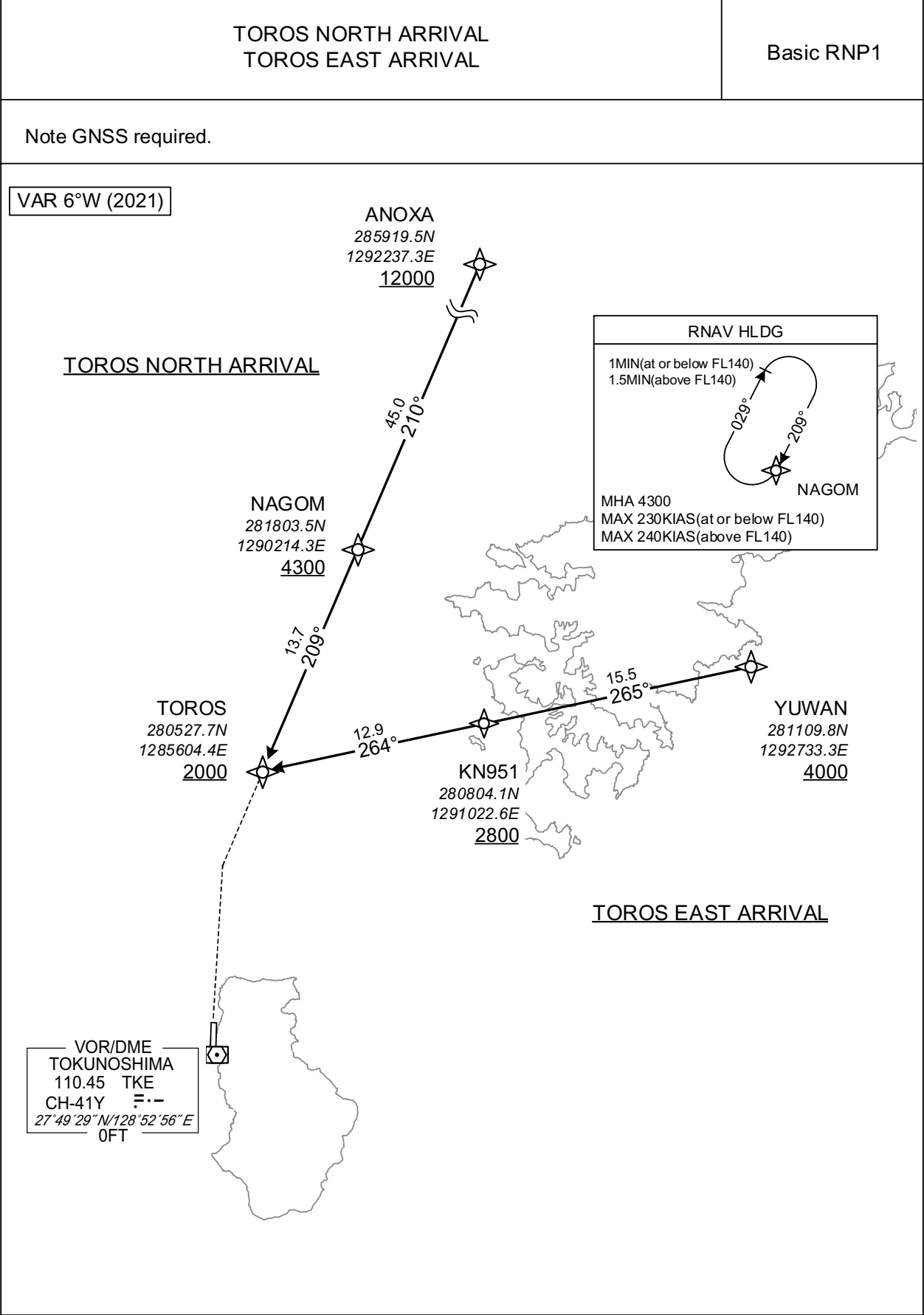
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | YUWAN               | —        | —              | -6.1               | —             | —              | —             | —            | —              | Basic RNP1               |
| 002           | TF              | ISENN               | —        | 225<br>(218.9) | -6.1               | 42.8          | —              | +4000         | —            | —              | Basic RNP1               |

CHANGE : VAR. PROC course.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA

RNAV STAR RWY19



## STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA

RNAV STAR RWY19

TOROS NORTH ARRIVAL

From ANOXA at or above 12000FT, to NAGOM at or above 4300FT, to TOROS at or above 2000FT.

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | ANOXA               | -        | -              | -6.1               | -             | -              | +12000        | -            | -              | Basic RNP1               |
| 002           | TF              | NAGOM               | -        | 210<br>(203.5) | -6.1               | 45.0          | -              | +4300         | -            | -              | Basic RNP1               |
| 003           | TF              | TOROS               | -        | 209<br>(203.4) | -6.1               | 13.7          | -              | +2000         | -            | -              | Basic RNP1               |

TOROS EAST ARRIVAL

From YUWAN at or above 4000FT, to KN951 at or above 2800FT, to TOROS at or above 2000FT.

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | YUWAN               | -        | -              | -6.1               | -             | -              | +4000         | -            | -              | Basic RNP1               |
| 002           | TF              | KN951               | -        | 265<br>(258.5) | -6.1               | 15.5          | -              | +2800         | -            | -              | Basic RNP1               |
| 003           | TF              | TOROS               | -        | 264<br>(258.4) | -6.1               | 12.9          | -              | +2000         | -            | -              | Basic RNP1               |

| Path | Waypoint Identifier | Inbound Course °M(°T) | Magnetic Variation | Outbound Time (MIN)        | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS)                 | Navigation Specification |
|------|---------------------|-----------------------|--------------------|----------------------------|----------------|-----------------------|-----------------------|------------------------------|--------------------------|
| Hold | NAGOM               | 209<br>(203.4)        | -6.1               | 1.0(-14000)<br>1.5(+14001) | R              | 4300                  | —                     | -230(-14000)<br>-240(+14001) | Basic RNP1               |

CHANGE : VAR. PROC course.

STANDARD ARRIVAL CHART - INSTRUMENT

RJKN / TOKUNOSHIMA RNAV STAR RWY19



SOTEZ ARRIVAL

From HORAI, to MOHRO, to SOTEZ at or above 3000FT.

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | HORAI               | -        | -             | -6.1               | -             | -              | -             | -            | -              | Basic RNP1               |
| 002           | TF              | MOHRO               | -        | 345 (339.2)   | -6.1               | 13.6          | -              | -             | -            | -              | Basic RNP1               |
| 003           | TF              | SOTEZ               | -        | 008 (002.1)   | -6.1               | 9.2           | -              | +3000         | -            | -              | Basic RNP1               |

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJKN / TOKUNOSHIMA

LOC Z RWY19

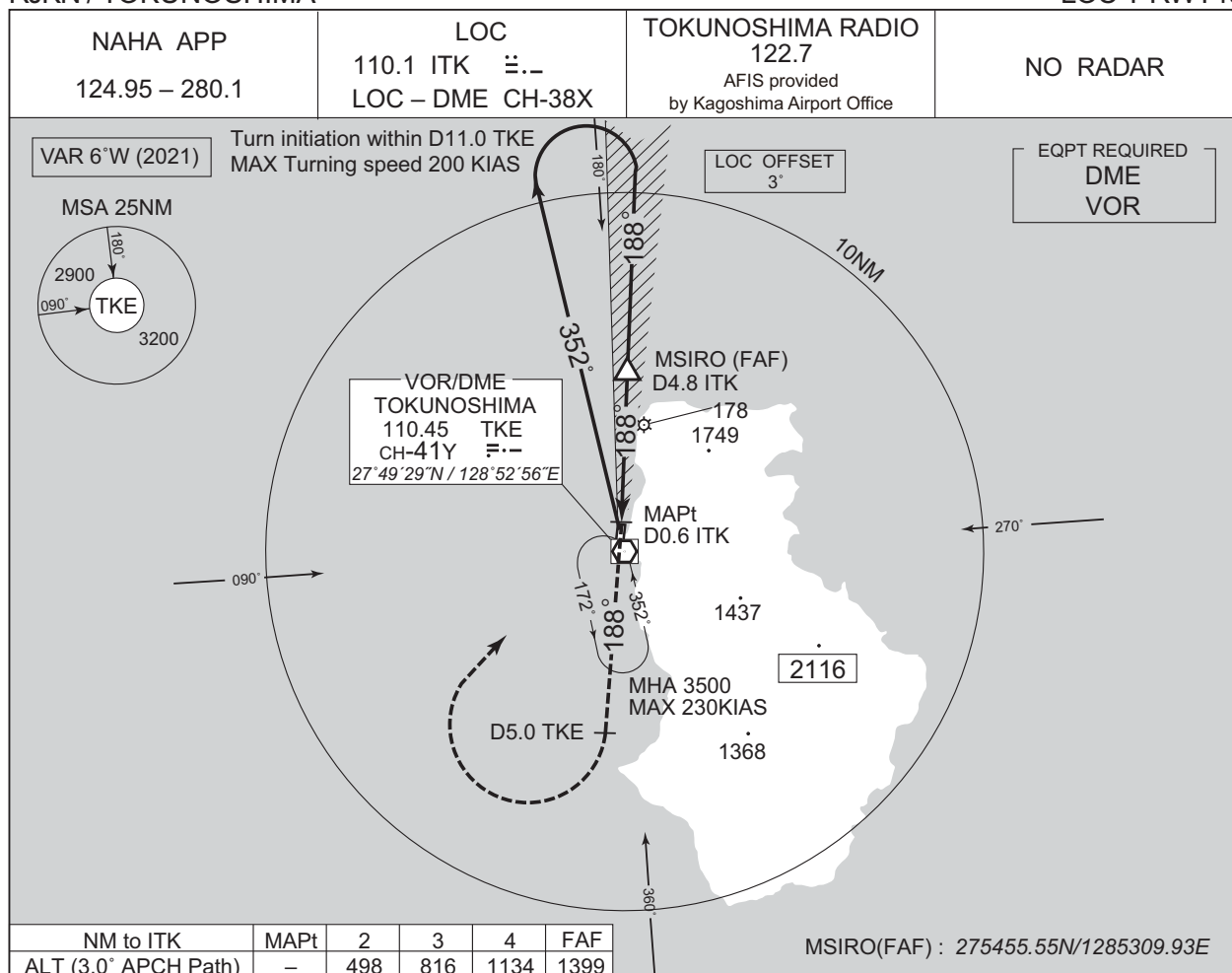


CHANGE : VAR. MSA BTN 180° and 270°. MISSED APPROACH course. HLDG course(TKE).

## INSTRUMENT APPROACH CHART

RJKN / TOKUNOSHIMA

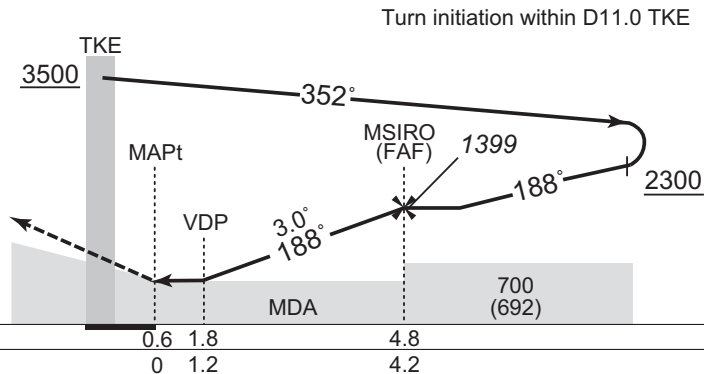
LOC Y RWY19



## MISSED APPROACH

Climb via TKE R188 to 5.0DME,  
turn right, direct to TKE VOR/DME  
and hold at 3500FT.  
Contact TOKUNOSHIMA RADIO.

Timing not authorized for defining the MAPt.



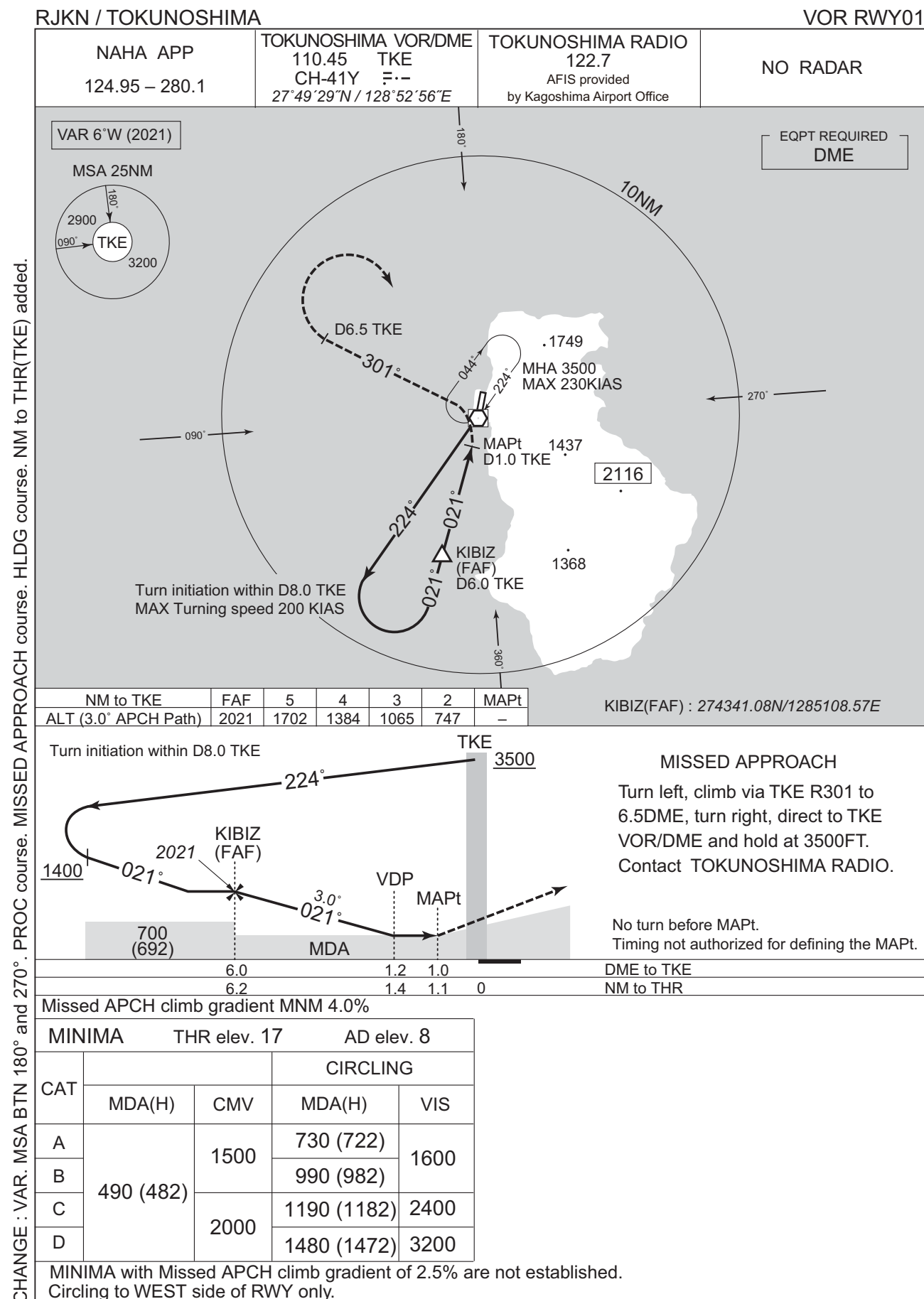
Missed APCH climb gradient MNM 5.0%

| MINIMA |           | THR elev. 14 | AD elev. 8  |      |
|--------|-----------|--------------|-------------|------|
| CAT    |           |              | CIRCLING    |      |
|        | MDA(H)    | CMV          | MDA(H)      | VIS  |
| A      | 430 (422) | 900          | 730 (722)   | 1600 |
| B      |           | 1000         | 990 (982)   |      |
| C      |           |              | 1190 (1182) | 2400 |
| D      |           | 1400         | 1480 (1472) | 3200 |

MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to WEST side of RWY only.

CHANGE : VAR. MSA BTN 180° and 270°. PROC course. MISSED APPROACH course. HLDG course.

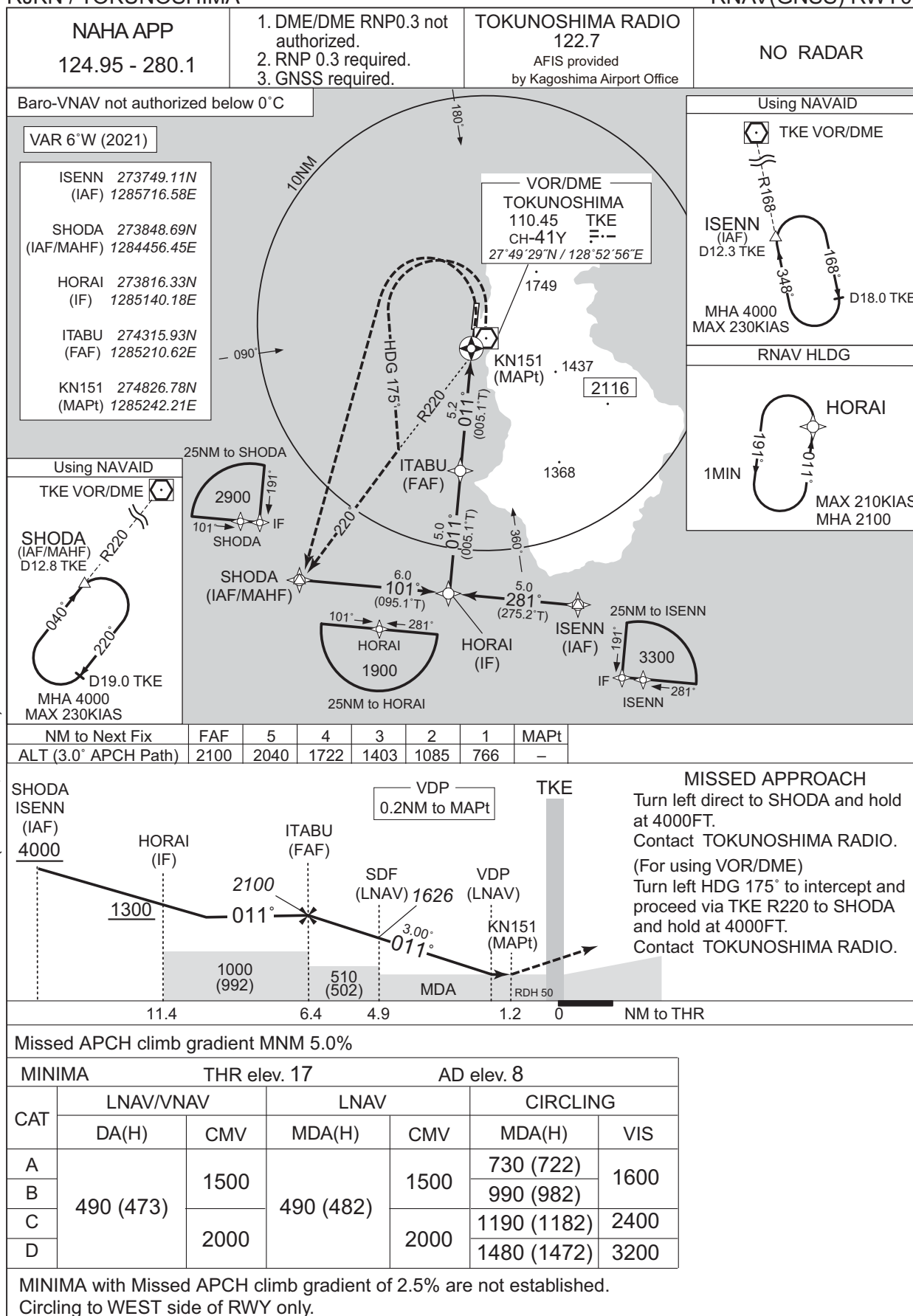
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJKN / TOKUNOSHIMA

RNAV(GNSS) RWY01



CHANGE : MISSED APPROACH course. HLDG course(SHODA, ISENN).



RJKN / TOKUNOSHIMA

Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : VAR.

| Call sign           | BRG / DIST from ARP | Remarks                        |
|---------------------|---------------------|--------------------------------|
| 金見崎<br>Kanamizaki   | 055°T / 5.8NM       | 灯台<br>Lighthouse               |
| 与名間崎<br>Yonamazaki  | 011°T / 2.8NM       | 灯台<br>Lighthouse               |
| 亀徳港<br>Kametokuko   | 127°T / 9.5NM       | 漁港<br>Harbor                   |
| 犬田布崎<br>Inutabuzaki | 179°T / 6.8NM       | 白い大きな慰霊碑<br>Big white monument |

RJKN / TOKUNOSHIMA

Minimum Vectoring Altitude CHART

