

RJKN / TOKUNOSHIMA

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

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RNAV SID

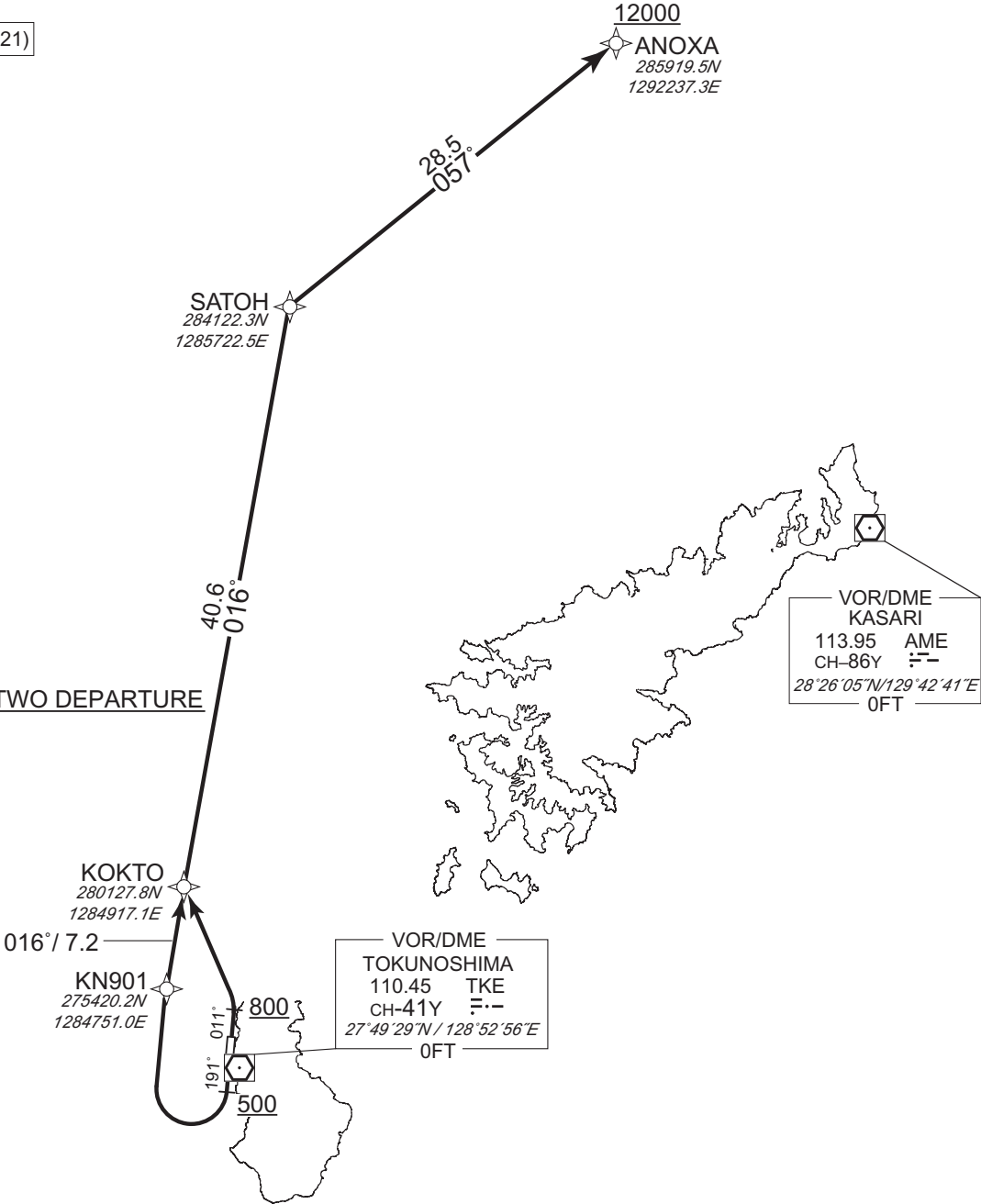
| ANOXA TWO DEPARTURE | Basic RNP1 |
|---------------------|------------|
|---------------------|------------|

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

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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 (005.1) | -6.1 | — | — | +800 | — | — | Basic RNP1 |
| 002 | DF | KOKTO | — | — | -6.1 | — | L | — | — | — | Basic RNP1 |
| 003 | TF | SATOH | — | 016 (010.1) | -6.1 | 40.6 | — | — | — | — | Basic RNP1 |
| 004 | TF | ANOXA | — | 057 (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 (185.1) | -6.1 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | KN901 | — | — | -6.1 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | KOKTO | — | 016 (010.1) | -6.1 | 7.2 | — | — | — | — | Basic RNP1 |
| 004 | TF | SATOH | — | 016 (010.1) | -6.1 | 40.6 | — | — | — | — | Basic RNP1 |
| 005 | TF | ANOXA | — | 057 (050.8) | -6.1 | 28.5 | — | +12000 | — | — | Basic RNP1 |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

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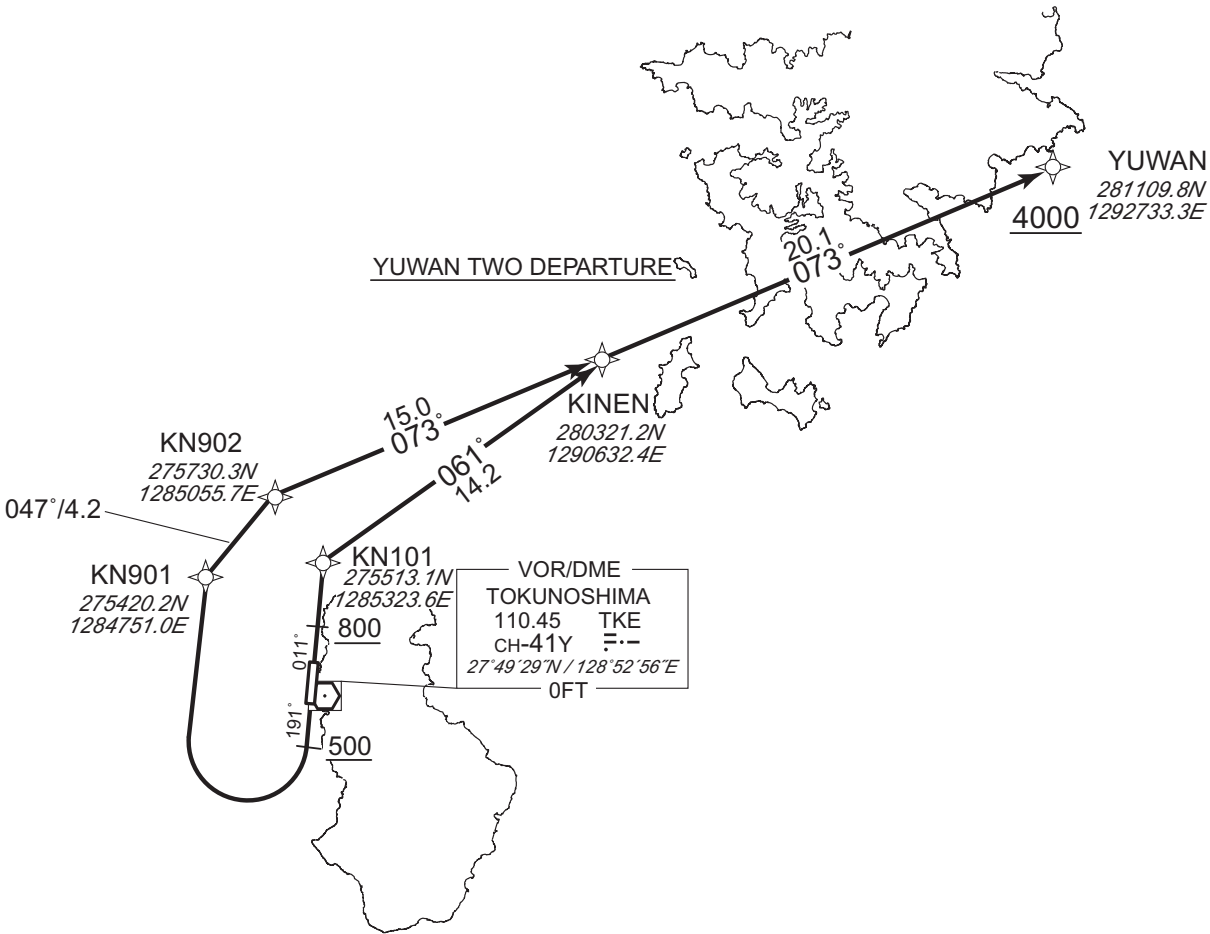
RNAV SID

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 (005.1) | -6.1 | — | — | +800 | — | — | Basic RNP1 |
| 002 | DF | KN101 | — | — | -6.1 | — | — | — | — | — | Basic RNP1 |
| 003 | TF | KINEN | — | 061 (054.9) | -6.1 | 14.2 | — | — | — | — | Basic RNP1 |
| 004 | TF | YUWAN | — | 073 (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 (185.1) | -6.1 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | KN901 | — | — | -6.1 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | KN902 | — | 047 (040.6) | -6.1 | 4.2 | — | — | — | — | Basic RNP1 |
| 004 | TF | KINEN | — | 073 (066.9) | -6.1 | 15.0 | — | — | — | — | Basic RNP1 |
| 005 | TF | YUWAN | — | 073 (067.1) | -6.1 | 20.1 | — | +4000 | — | — | Basic RNP1 |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD ARRIVAL CHART - INSTRUMENT

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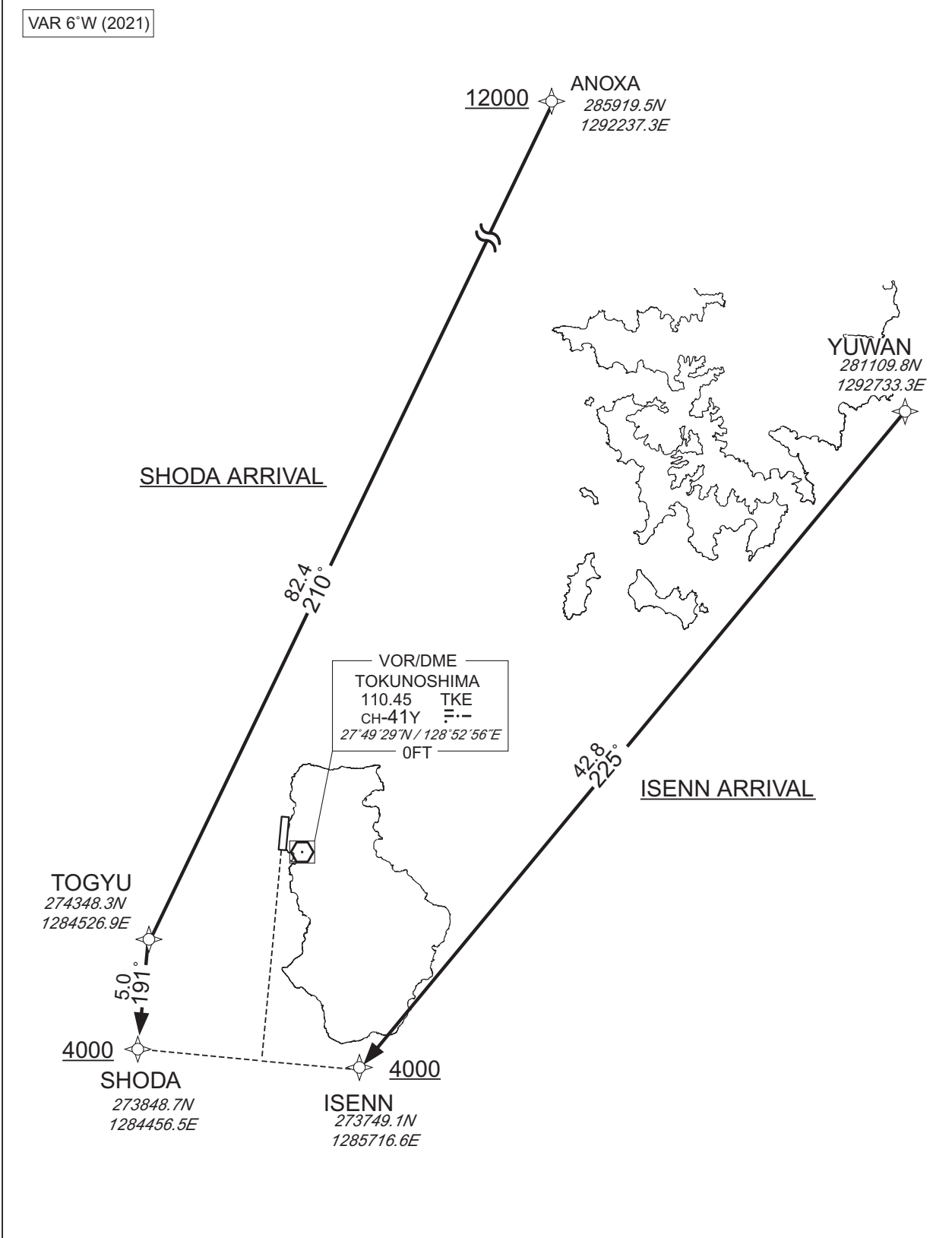
RNAV STAR RWY01

| | |
|--------------------------------|------------|
| SHODA ARRIVAL ISENN ARRIVAL | Basic RNP1 |
|--------------------------------|------------|

Note GNSS required.

VAR 6°W (2021)

CHANGE : VAR. PROC course.



STANDARD ARRIVAL CHART - INSTRUMENT

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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 (203.6) | -6.1 | 82.4 | — | — | — | — | Basic RNP1 |
| 003 | TF | SHODA | — | 191 (185.1) | -6.1 | 5.0 | — | +4000 | — | — | Basic RNP1 |

ISENN ARRIVAL

From YUWAN, to ISENN at or above 4000FT.

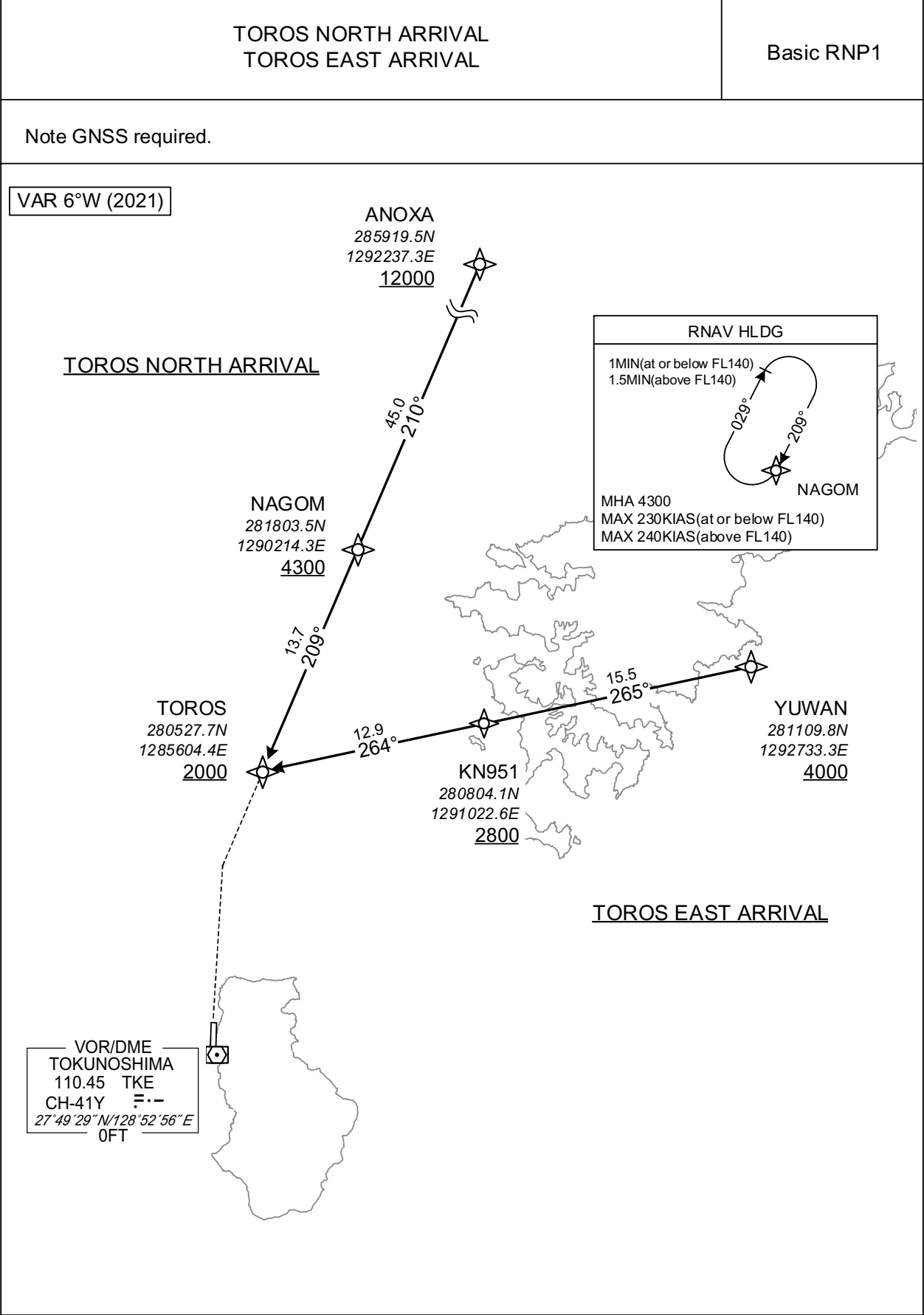
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|-----------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

CHANGE : VAR. PROC course.

STANDARD ARRIVAL CHART - INSTRUMENT

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RNAV STAR RWY19



STANDARD ARRIVAL CHART - INSTRUMENT

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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 (203.5) | -6.1 | 45.0 | - | +4300 | - | - | Basic RNP1 |
| 003 | TF | TOROS | - | 209 (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 (258.5) | -6.1 | 15.5 | - | +2800 | - | - | Basic RNP1 |
| 003 | TF | TOROS | - | 264 (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 (203.4) | -6.1 | 1.0(-14000) 1.5(+14001) | R | 4300 | — | -230(-14000) -240(+14001) | Basic RNP1 |

CHANGE : VAR. PROC course.

STANDARD ARRIVAL CHART - INSTRUMENT

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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

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LOC Z RWY19

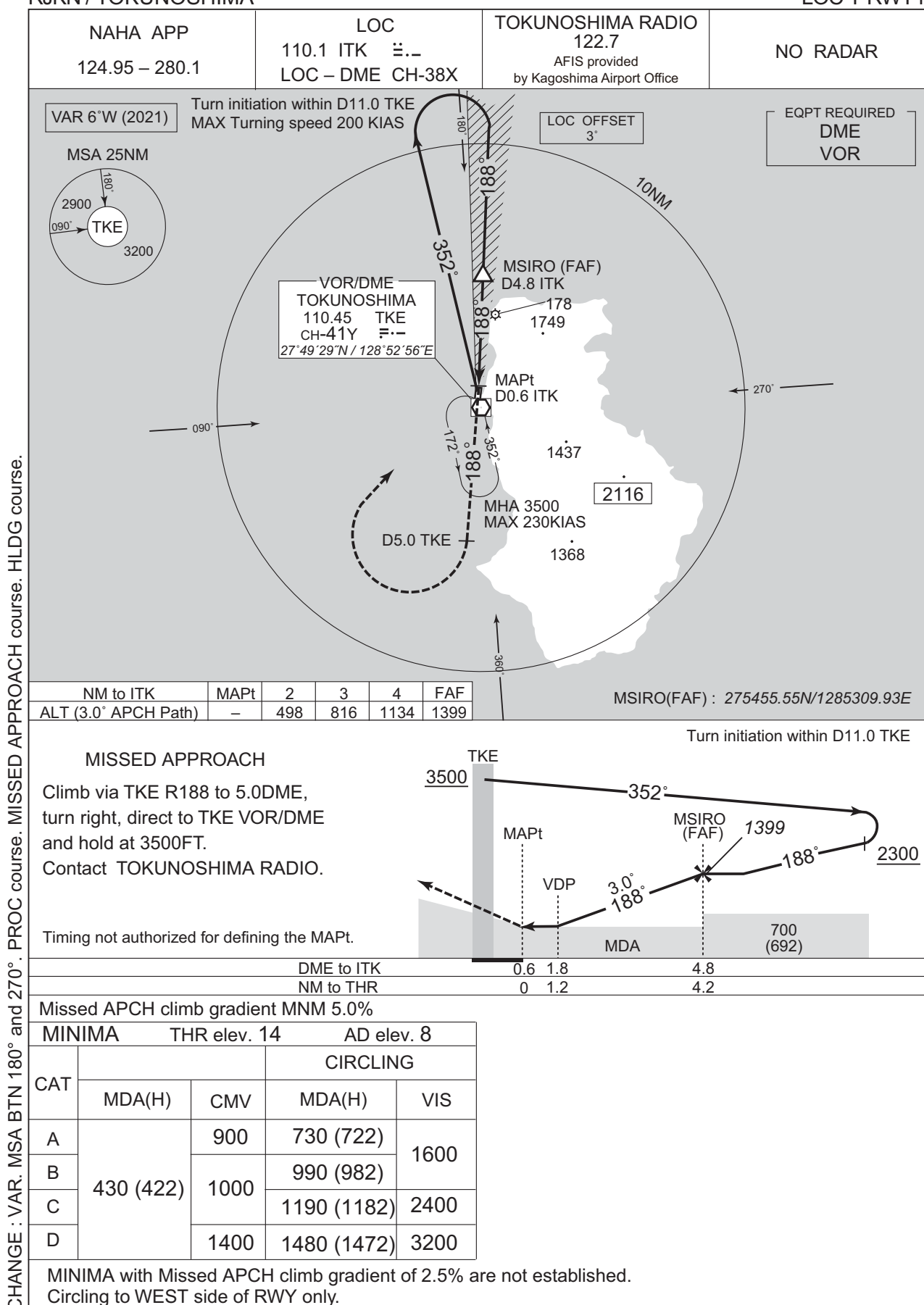


CHANGE : VAR. MSA BTN 180° and 270°. MISSED APPROACH course. HLDG course(TKE).

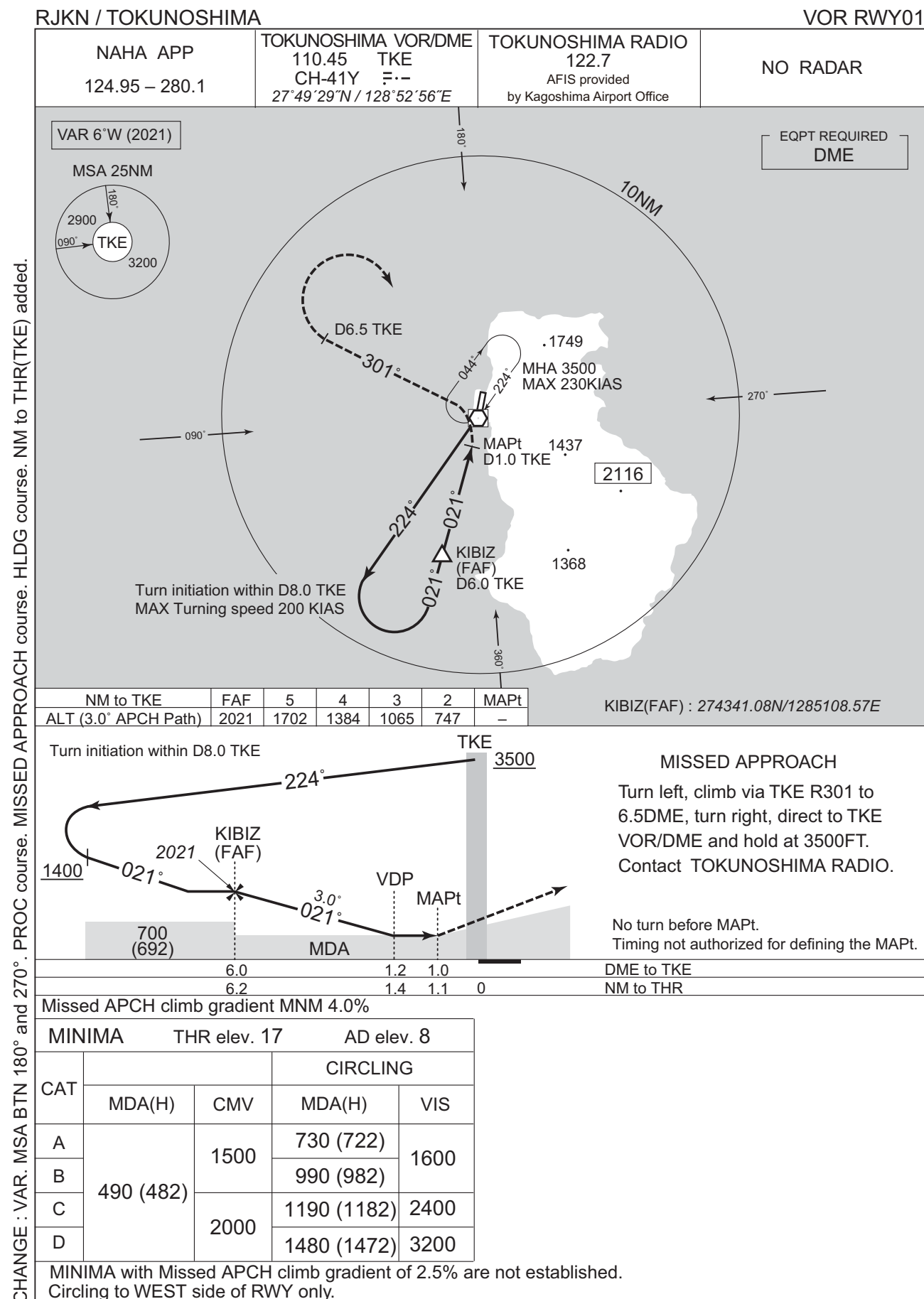
INSTRUMENT APPROACH CHART

RJKN / TOKUNOSHIMA

LOC Y RWY19



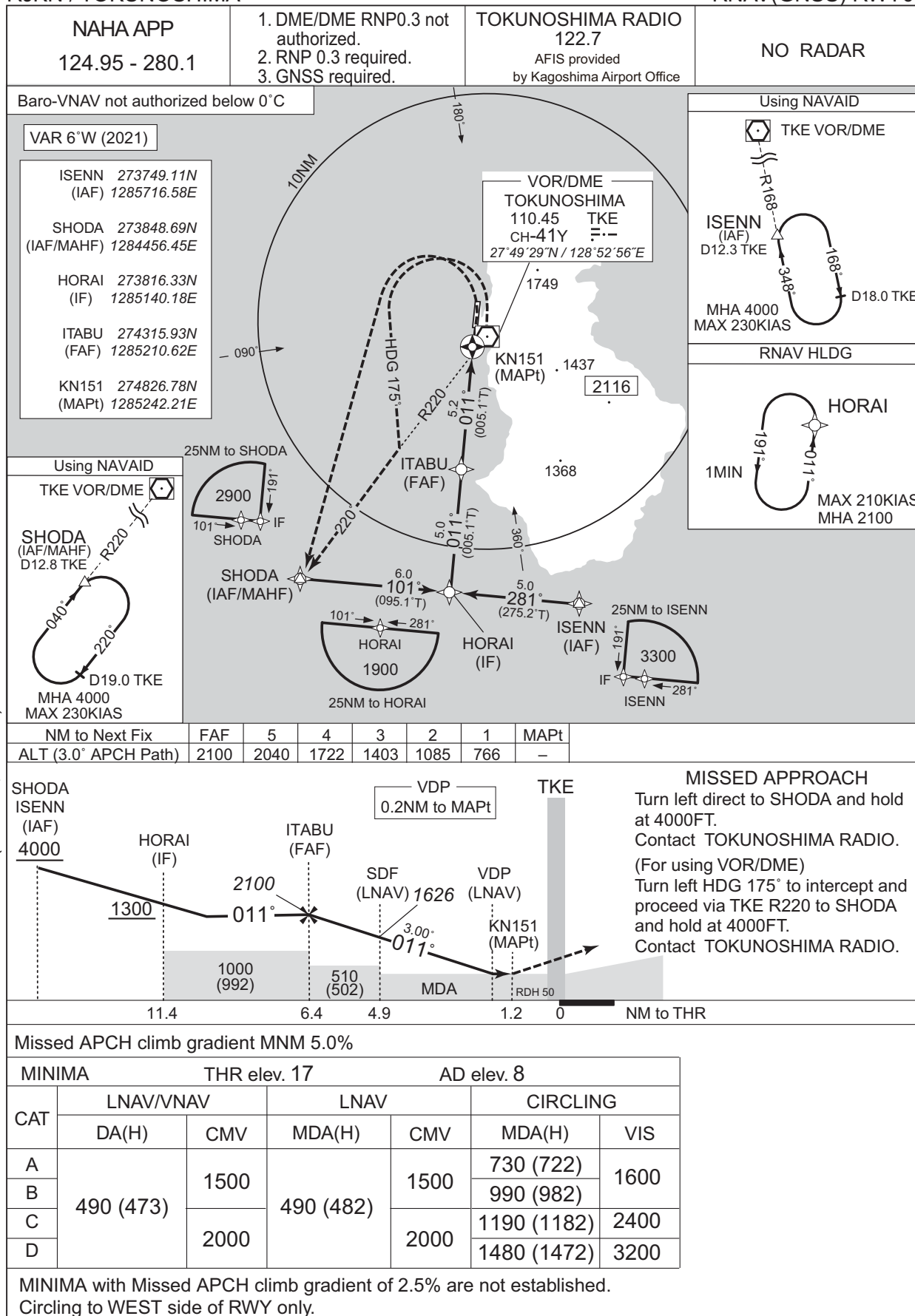
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

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RNAV(GNSS) RWY01



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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 Kanamizaki | 055°T / 5.8NM | 灯台 Lighthouse |
| 与名間崎 Yonamazaki | 011°T / 2.8NM | 灯台 Lighthouse |
| 亀徳港 Kametokuko | 127°T / 9.5NM | 漁港 Harbor |
| 犬田布崎 Inutabuzaki | 179°T / 6.8NM | 白い大きな慰霊碑 Big white monument |

RJKN / TOKUNOSHIMA

Minimum Vectoring Altitude CHART

