

STANDARD DEPARTURE CHART-INSTRUMENT

RJFC / YAKUSHIMA

SID

NAKATANE FOUR DEPARTURE

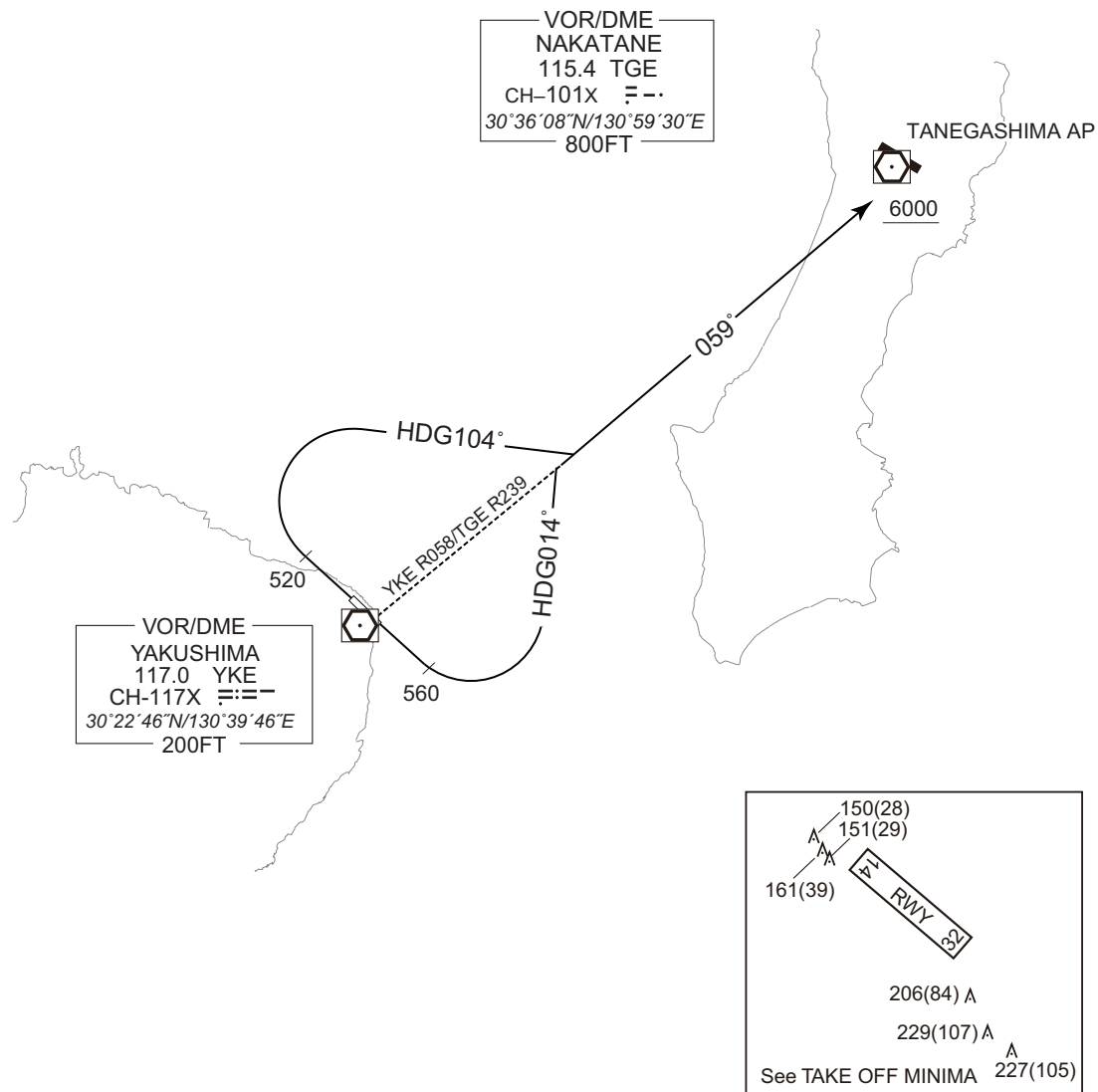
RWY14 : Climb RWY HDG to 560FT, turn left HDG014°...

RWY32 : Climb RWY HDG to 520FT, turn right HDG104°...

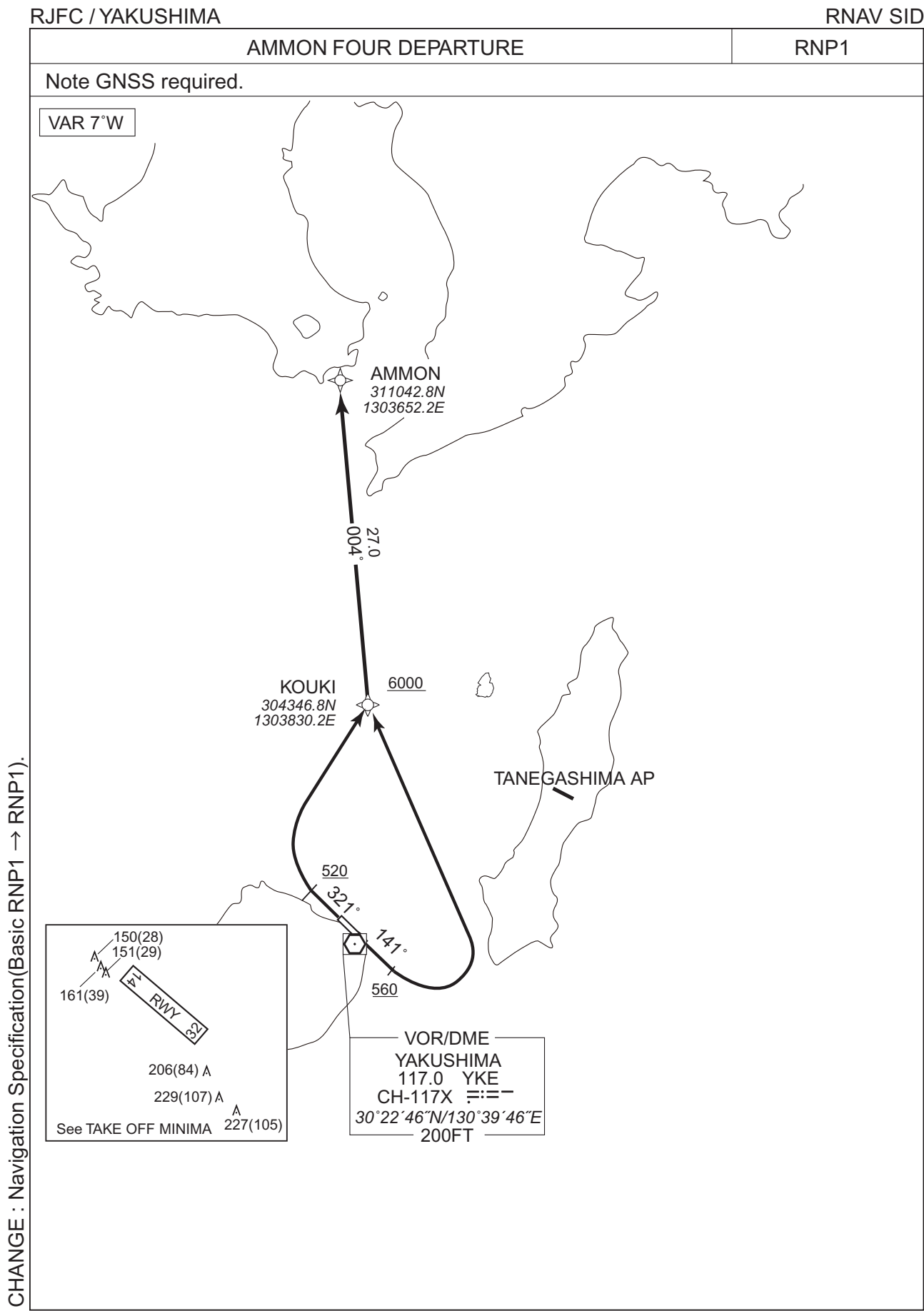
... to intercept and proceed via YKE R058/TGE R239 to TGE VOR/DME.  
Cross TGE VOR/DME at or above 6000FT.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,  
another TKOF WX MINIMA is applicable.  
OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

CHANGE : PROC renamed. KAGOSHIMA SEVEN DEPARTURE abolished. PROC course. Note. OBST chart added.



STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

AMMON FOUR DEPARTURE

RWY14 : Climb on HDG 141° at or above 560FT, turn left direct to KOUKI at or above 6000FT, to AMMON.

RWY32 : Climb on HDG 321° at or above 520FT, turn right direct to KOUKI at or above 6000FT, to AMMON.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,  
another TKOF WX MINIMA is applicable.  
OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

RWY14

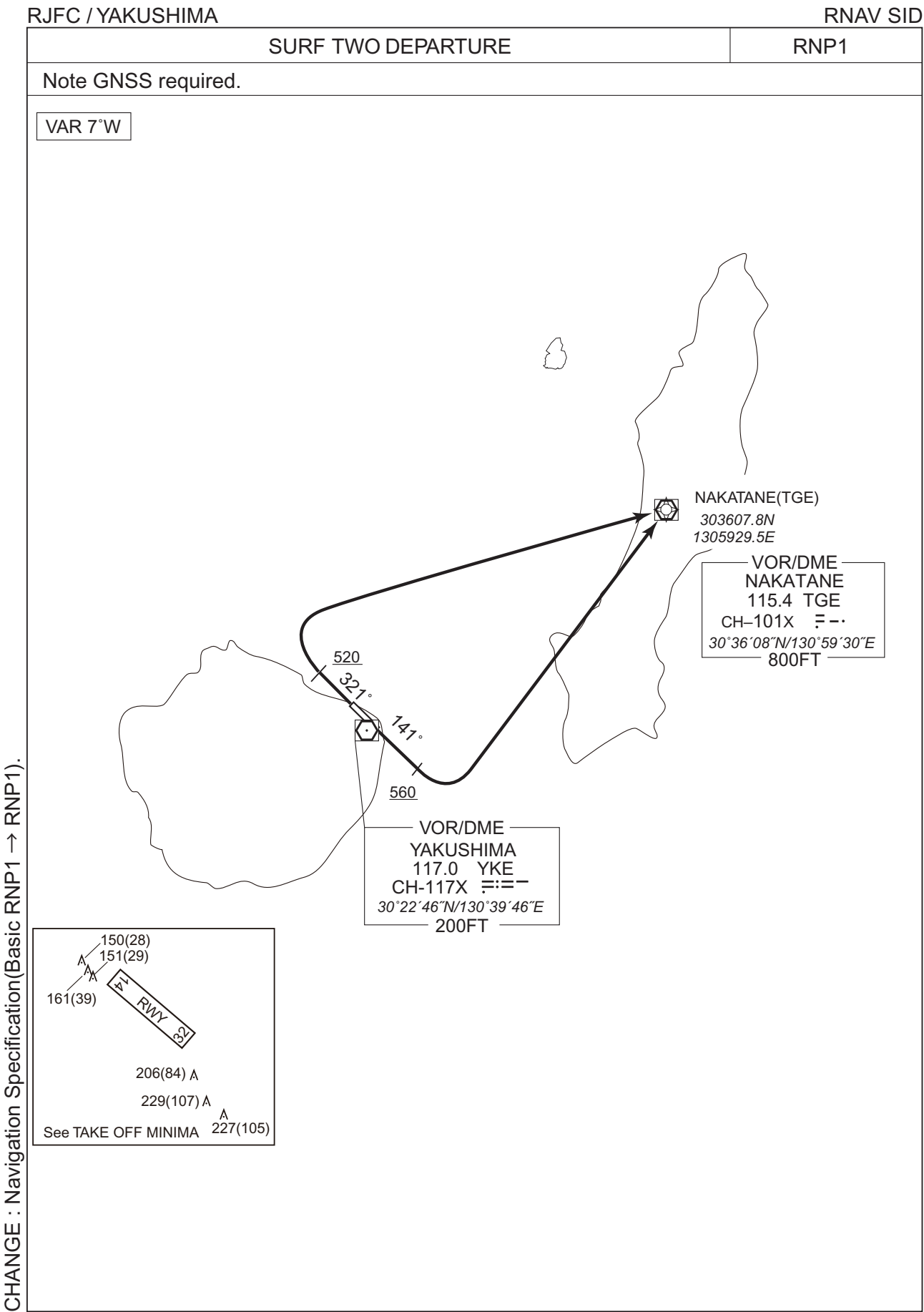
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | -                   | -        | 141<br>(134.0) | -6.9               | -             | -              | +560          | -            | -              | RNP1                     |
| 002           | DF              | KOUKI               | -        | -              | -6.9               | -             | L              | +6000         | -            | -              | RNP1                     |
| 003           | TF              | AMMON               | -        | 004<br>(357.0) | -6.9               | 27.0          | -              | -             | -            | -              | RNP1                     |

RWY32

| 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              | -                   | -        | 321<br>(314.0) | -6.9               | -             | -              | +520          | -            | -              | RNP1                     |
| 002           | DF              | KOUKI               | -        | -              | -6.9               | -             | R              | +6000         | -            | -              | RNP1                     |
| 003           | TF              | AMMON               | -        | 004<br>(357.0) | -6.9               | 27.0          | -              | -             | -            | -              | RNP1                     |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

SURF TWO DEPARTURE

RWY14 : Climb on HDG 141° at or above 560FT, turn left direct to TGE.

RWY32 : Climb on HDG 321° at or above 520FT, turn right direct to TGE.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,  
another TKOF WX MINIMA is applicable.  
OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

RWY14

| 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              | -                   | -        | 141<br>(134.0) | -6.9               | -             | -              | +560          | -            | -              | RNP1                     |
| 002           | DF              | TGE                 | -        | -              | -6.9               | -             | L              | -             | -            | -              | RNP1                     |

RWY32

| 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              | -                   | -        | 321<br>(314.0) | -6.9               | -             | -              | +520          | -            | -              | RNP1                     |
| 002           | DF              | TGE                 | -        | -              | -6.9               | -             | R              | -             | -            | -              | RNP1                     |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

STAR

CEDAR ARRIVAL

From over TGE VOR/DME, via TGE R217 to CEDAR.  
Cross CEDAR at or above 2200 FT.



CHANGE : JOMON ARRIVAL abolished.

## STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

STAR

TOLOT ARRIVAL

From over TGE VOR/DME, via TGE R266 to TOLOT.

Cross TGE VOR/DME at or above 4000FT, cross TOLOT at or above 3000FT.



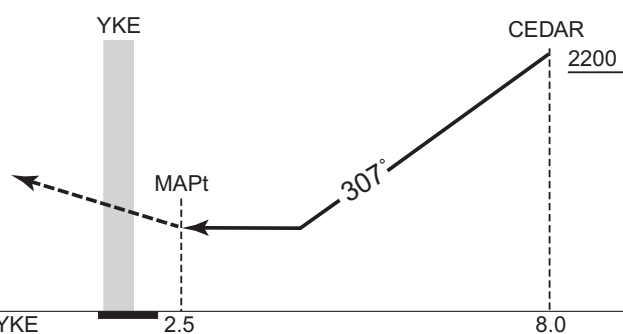
CHANGE : New PROC.



## RJFC / YAKUSHIMA

VOR RWY 32

**MISSED APPROACH**  
At 2.5 DME prior to YKE VOR/DME,  
turn right and climb to 2200FT via YKE  
R127 to CEDAR and hold.  
Contact YAKUSHIMA RADIO.



| MINIMA |           | THR elev. 124 | AD elev. 122 |      |
|--------|-----------|---------------|--------------|------|
| CAT    |           |               | CIRCLING     |      |
|        | MDA(H)    | CMV           | MDA(H)       | VIS  |
| A      | 580 (458) | 1500          | 660 (538)    | 1600 |
| B      |           |               |              |      |
| C      |           | 2000          | 700 (578)    | 2400 |
| D      | —         | —             | —            | —    |

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART

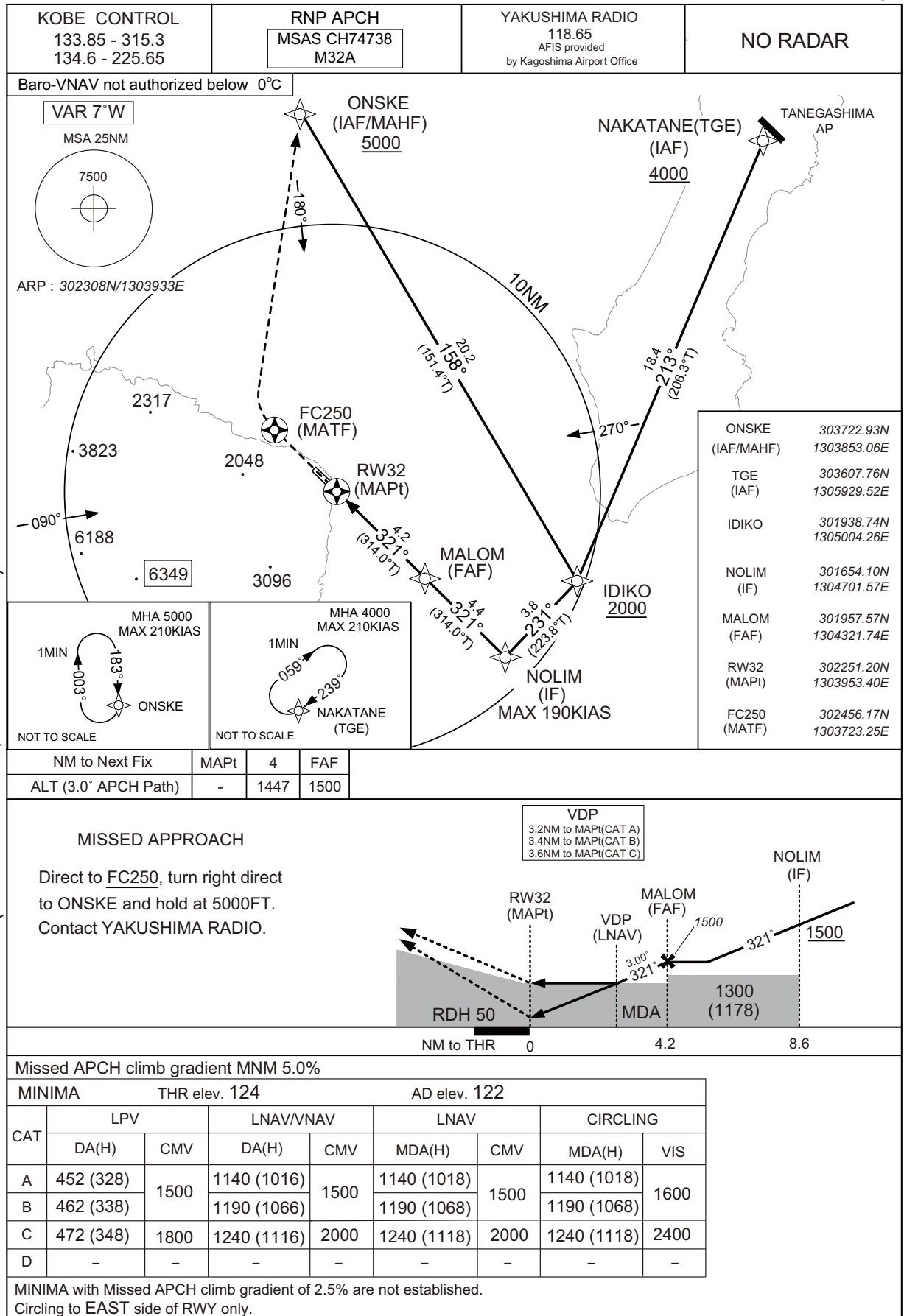


CHANGE : FREQ of KOBE CONTROL(127.15 → 134.6, 251.0 → 225.65).

## INSTRUMENT APPROACH CHART

## RJFC / YAKUSHIMA

## RNP RWY 32



## INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY32

**FAS DATA BLOCK**

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00675        |
| SBAS service provider identifier | 2             | FPAP latitude              | 302329.2980N  |
| Airport identifier               | RJFC          | FPAP longitude             | 1303907.6190E |
| Runway                           | 32            | Threshold crossing height  | 00015.0       |
| Approach performance designator  | 0             | TCH units selector         | 1             |
| Route indicator                  |               | Glide path angle           | 03.00         |
| Reference path data selector     | 0             | Course width at threshold  | 105.00        |
| Reference path ID                | M32A          | ∠ length offset            | 0192          |
| LTP/FTP latitude                 | 302251.1820N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1303953.4230E | VAL                        | 50.0          |
| CRC remainder                    | 7043F61C      |                            |               |

**Required additional data**

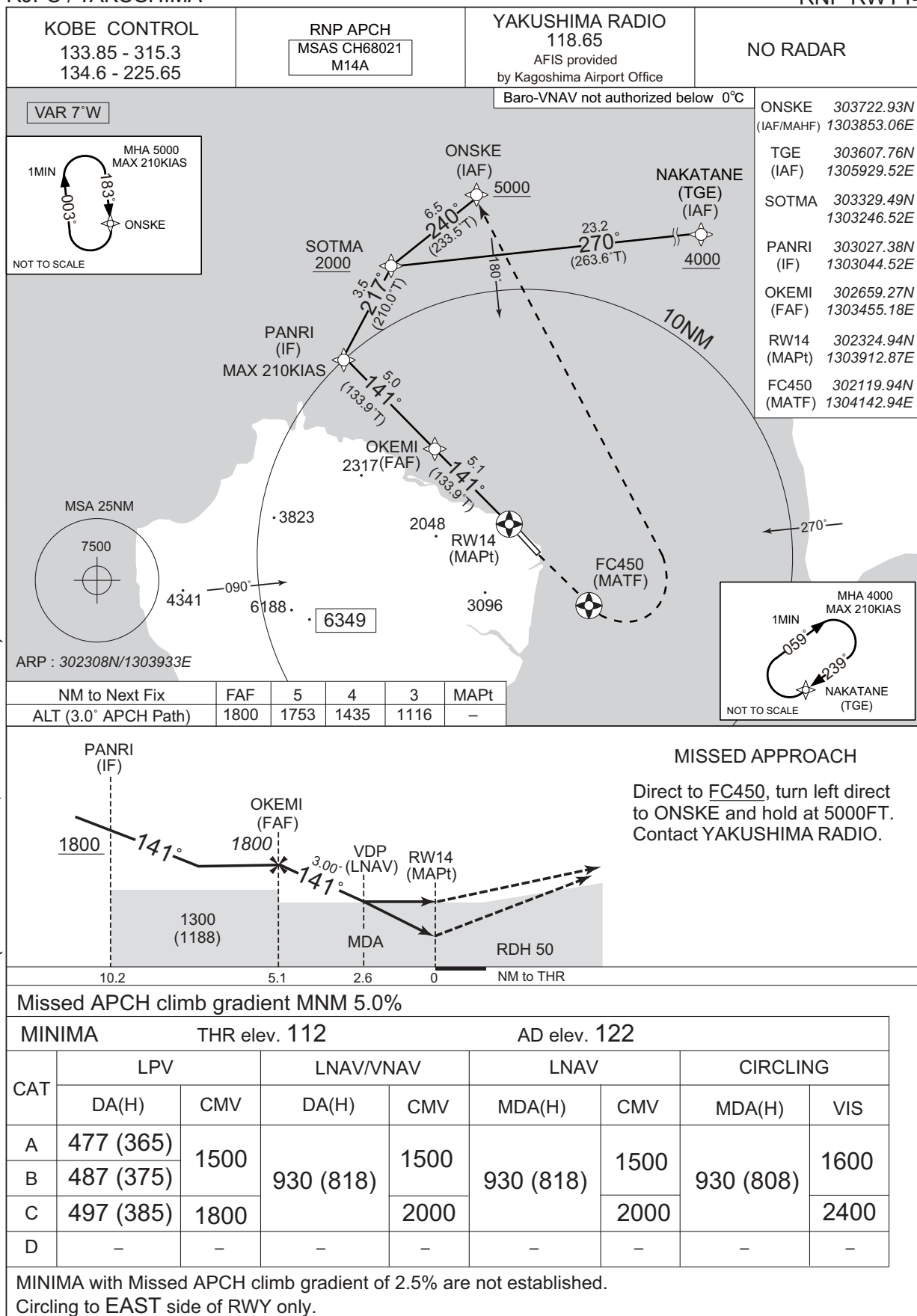
|                            |      |
|----------------------------|------|
| LTP/FTP orthometric height | 37.0 |
|----------------------------|------|

CHANGE : New PROC.

## INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY14



## INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY14

**FAS DATA BLOCK**

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00638        |
| SBAS service provider identifier | 2             | FPAP latitude              | 302246.7970N  |
| Airport identifier               | RJFC          | FPAP longitude             | 1303958.6910E |
| Runway                           | 14            | Threshold crossing height  | 00015.0       |
| Approach performance designator  | 0             | TCH units selector         | 1             |
| Route indicator                  |               | Glide path angle           | 03.00         |
| Reference path data selector     | 0             | Course width at threshold  | 105.00        |
| Reference path ID                | M14A          | ∠ length offset            | 0192          |
| LTP/FTP latitude                 | 302324.9135N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1303912.8885E | VAL                        | 50.0          |
| CRC remainder                    | A76A627B      |                            |               |

**Required additional data**

|                            |      |
|----------------------------|------|
| LTP/FTP orthometric height | 33.2 |
|----------------------------|------|

CHANGE : FAS DATA BLOCK; Required additional data established.

RJFC / YAKUSHIMA

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).

NOTE : A/G COM from Kagoshima FSC is blinded between 180° and 300° from Yakushima VOR/DME (YKE).

CHANGE : VAR.

| Call sign         | BRG / DIST from ARP | Remarks            |
|-------------------|---------------------|--------------------|
| 10NM N            | 000°T / 10.0NM      | 海上<br>Over the sea |
| 10NM NE           | 045°T / 10.0NM      | 海上<br>Over the sea |
| 宮之浦<br>Miyanouura | 302°T / 5.0NM       | 港<br>Harbor        |
| 10NM SE           | 135°T / 10.0NM      | 海上<br>Over the sea |
| 10NM S            | 180°T / 10.0NM      | 海上<br>Over the sea |

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Minimum Vectoring Altitude CHART

