

## AD CHART



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STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

SID

IKISHIMA SIX DEPARTURE

RWY 14 : Climb RWY HDG to 900FT,...

RWY 32 : Climb on HDG 338° to 900FT, turn right HDG 198°,...  
...to intercept and proceed via VCE R153 to IKE VOR/DME.  
Cross VCE R153/20.0DME at or above 4000FT.

Note RWY 32 : 5.2% climb gradient required up to 900FT.

OBST ALT 262FT located at 0.2NM 292° FM end of RWY 32.

LAGER THREE DEPARTURE

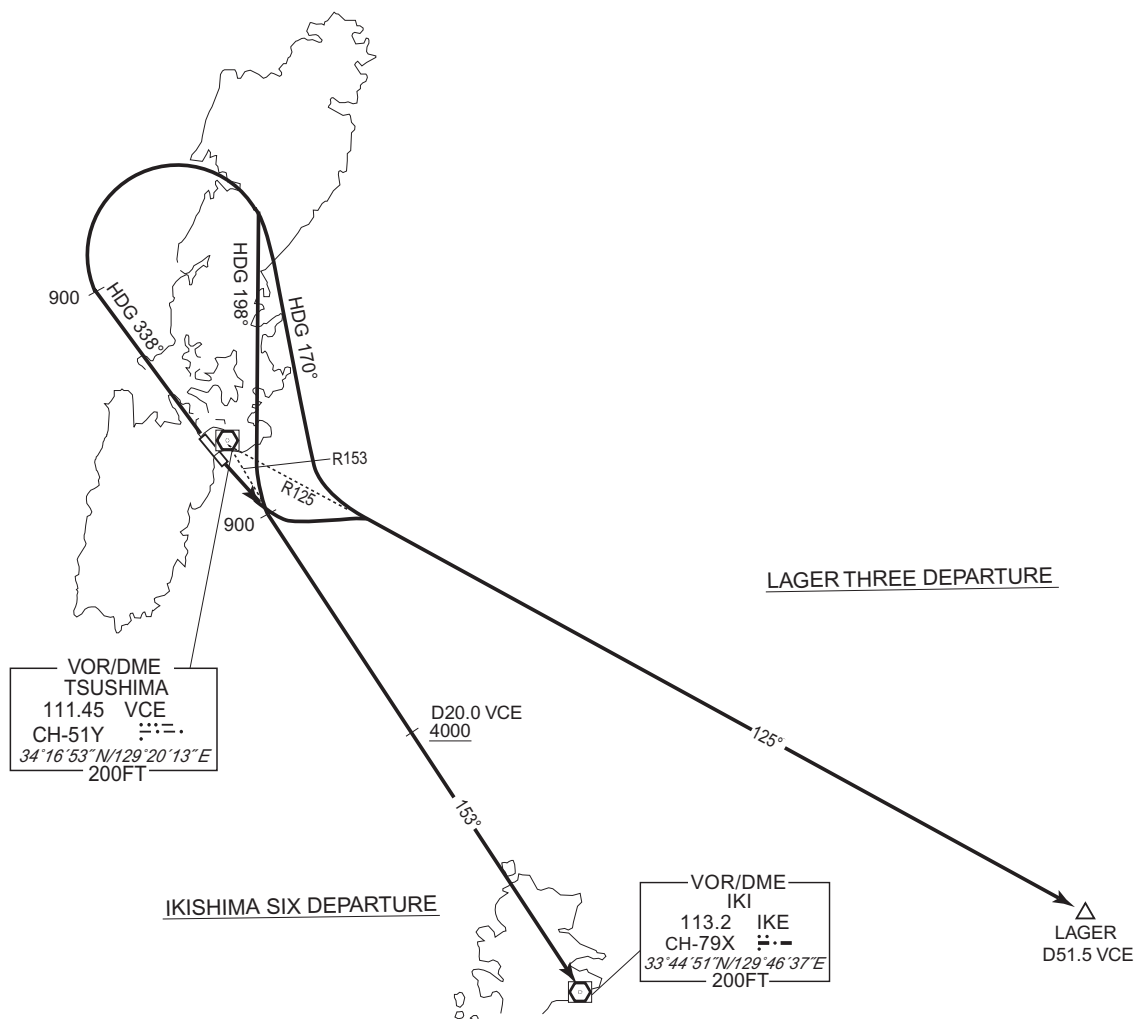
RWY 14 : Climb RWY HDG to 900FT, turn left,...

RWY 32 : Climb on HDG 338° to 900FT, turn right HDG 170°,...  
...to intercept and proceed via VCE R125 to LAGER.

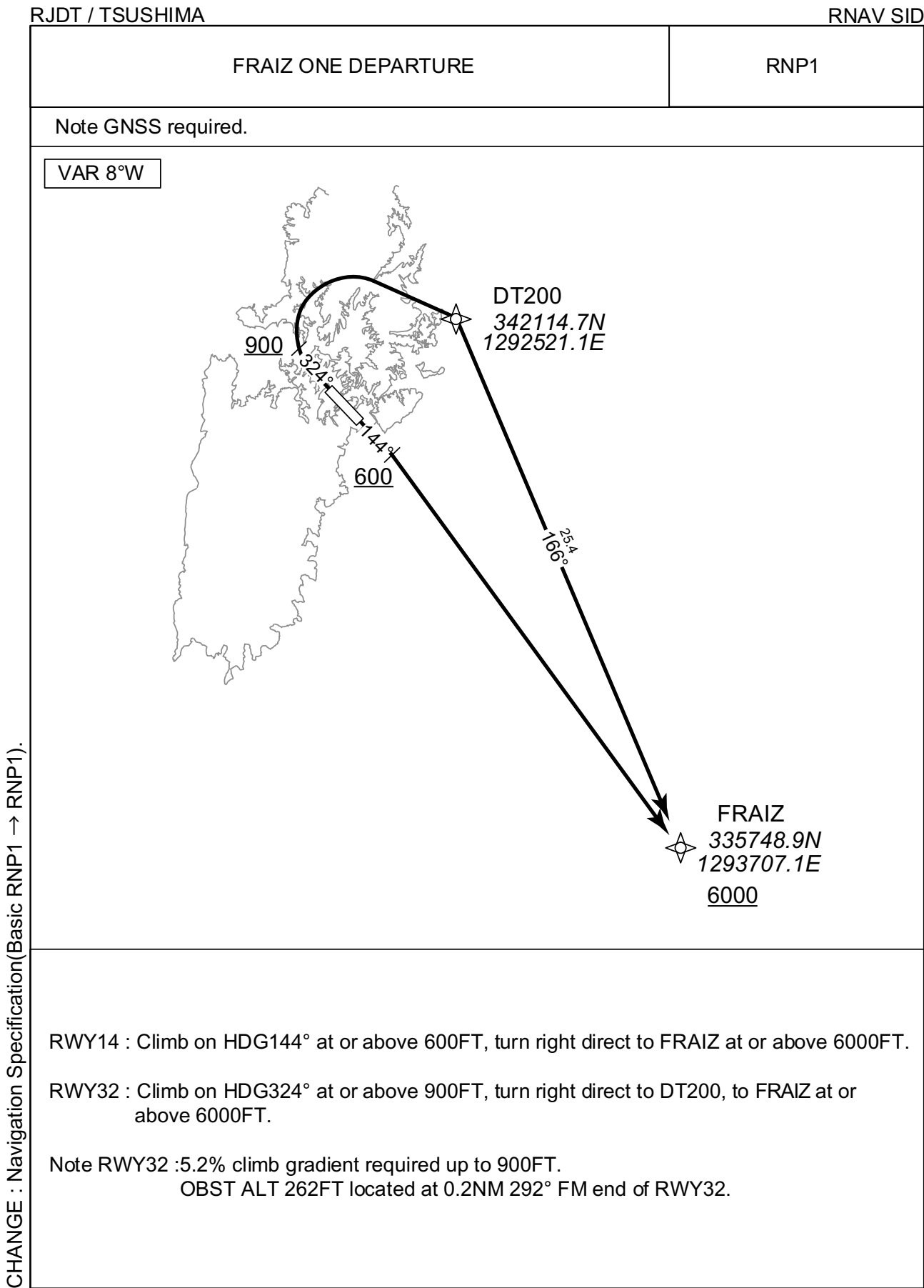
Note RWY 32 : 5.2% climb gradient required up to 900FT.

OBST ALT 262FT located at 0.2NM 292° FM end of RWY 32.

CHANGE : PROC renamed. Note.



STANDARD DEPARTURE CHART - INSTRUMENT



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RNAV SID

FRAIZ ONE DEPARTURE

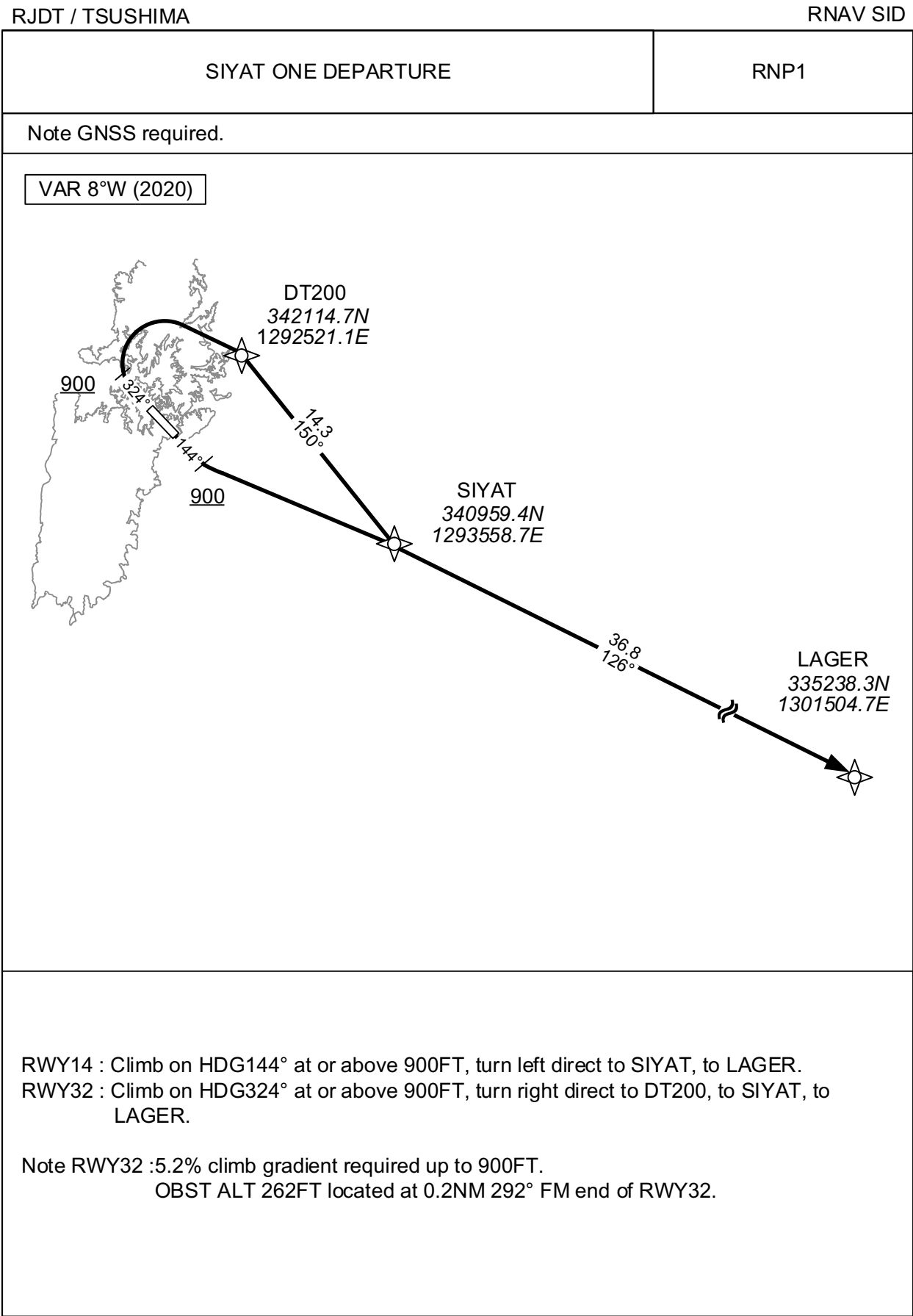
RWY14

| 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              | -                   | -        | 144<br>(136.2) | -8.2               | -             | -              | +600          | -            | -              | RNP1                     |
| 002           | DF              | FRAIZ               | -        | -              | -8.2               | -             | R              | +6000         | -            | -              | 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              | -                   | -        | 324<br>(316.2) | -8.2               | -             | -              | +900          | -            | -              | RNP1                     |
| 002           | DF              | DT200               | -        | -              | -8.2               | -             | R              | -             | -            | -              | RNP1                     |
| 003           | TF              | FRAIZ               | -        | 166<br>(157.4) | -8.2               | 25.4          | -              | +6000         | -            | -              | RNP1                     |

STANDARD DEPARTURE CHART - INSTRUMENT



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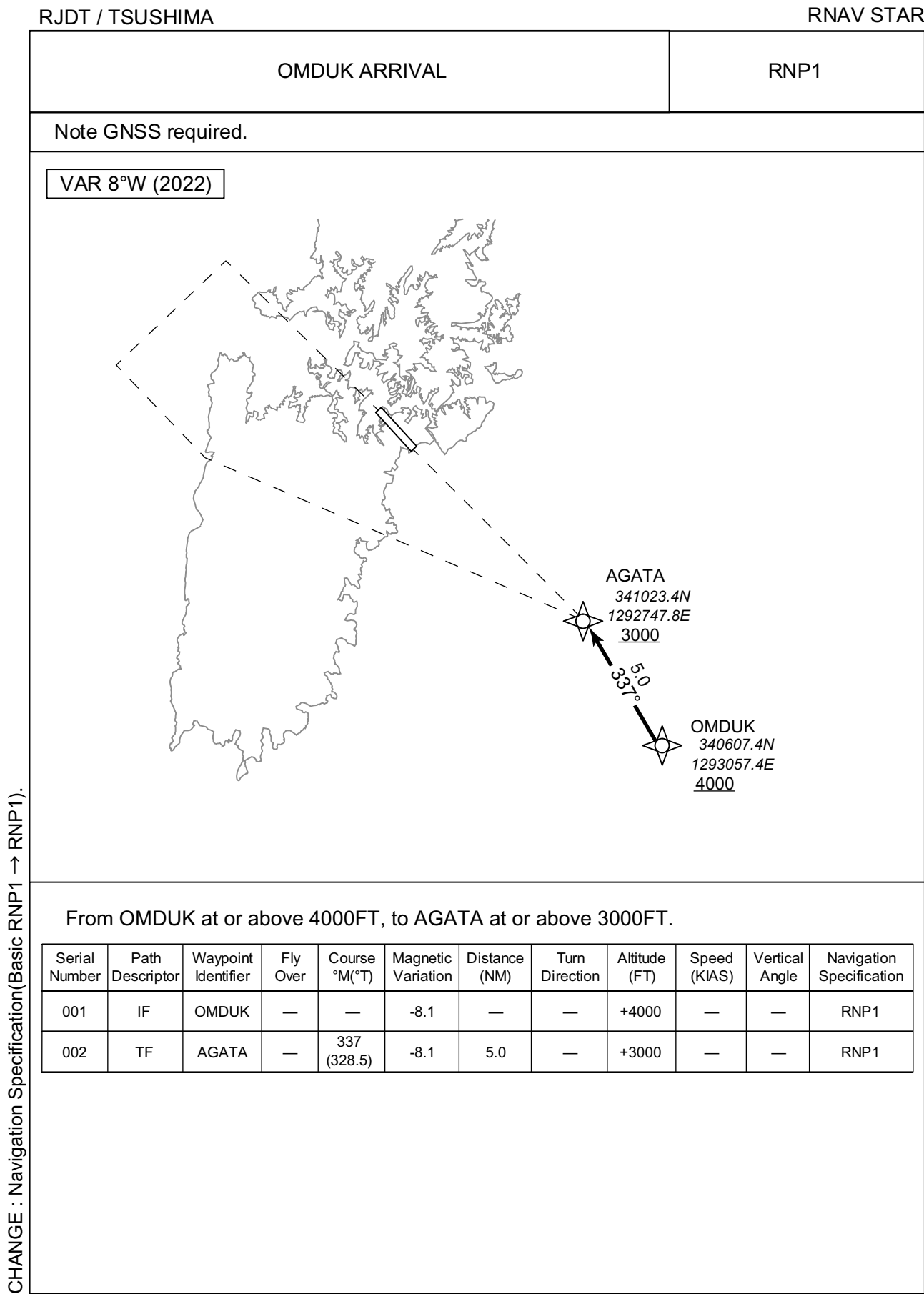
RJDT / TSUSHIMA

RNAV SID

| SIYAT ONE DEPARTURE |                 |                     |          |                |                    |               |                |               |              |                |                          |
|---------------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 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              | -                   | -        | 144<br>(136.2) | -7.9               | -             | -              | +900          | -            | -              | RNP1                     |
| 002                 | DF              | SIYAT               | -        | -              | -7.9               | -             | L              | -             | -            | -              | RNP1                     |
| 003                 | TF              | LAGER               | -        | 126<br>(118.0) | -7.9               | 36.8          | -              | -             | -            | -              | 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              | -                   | -        | 324<br>(316.2) | -7.9               | -             | -              | +900          | -            | -              | RNP1                     |
| 002                 | DF              | DT200               | -        | -              | -7.9               | -             | R              | -             | -            | -              | RNP1                     |
| 003                 | TF              | SIYAT               | -        | 150<br>(142.0) | -7.9               | 14.3          | -              | -             | -            | -              | RNP1                     |
| 004                 | TF              | LAGER               | -        | 126<br>(118.0) | -7.9               | 36.8          | -              | -             | -            | -              | RNP1                     |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART - INSTRUMENT





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CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

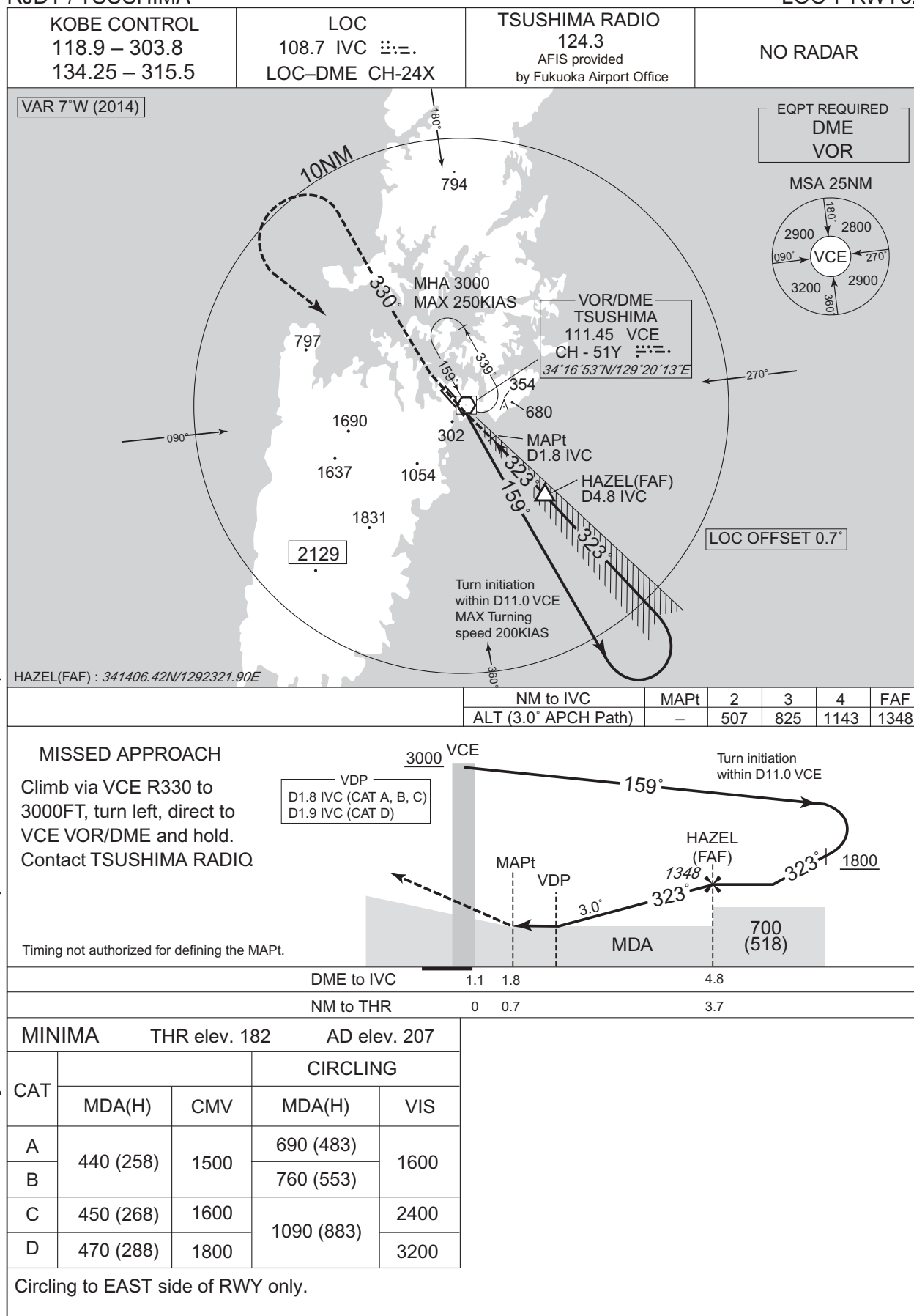
## LOC Z RWY32

Civil Aviation Bureau,Japan (EFF:1 OCT 2021) 9/9/21

## INSTRUMENT APPROACH CHART

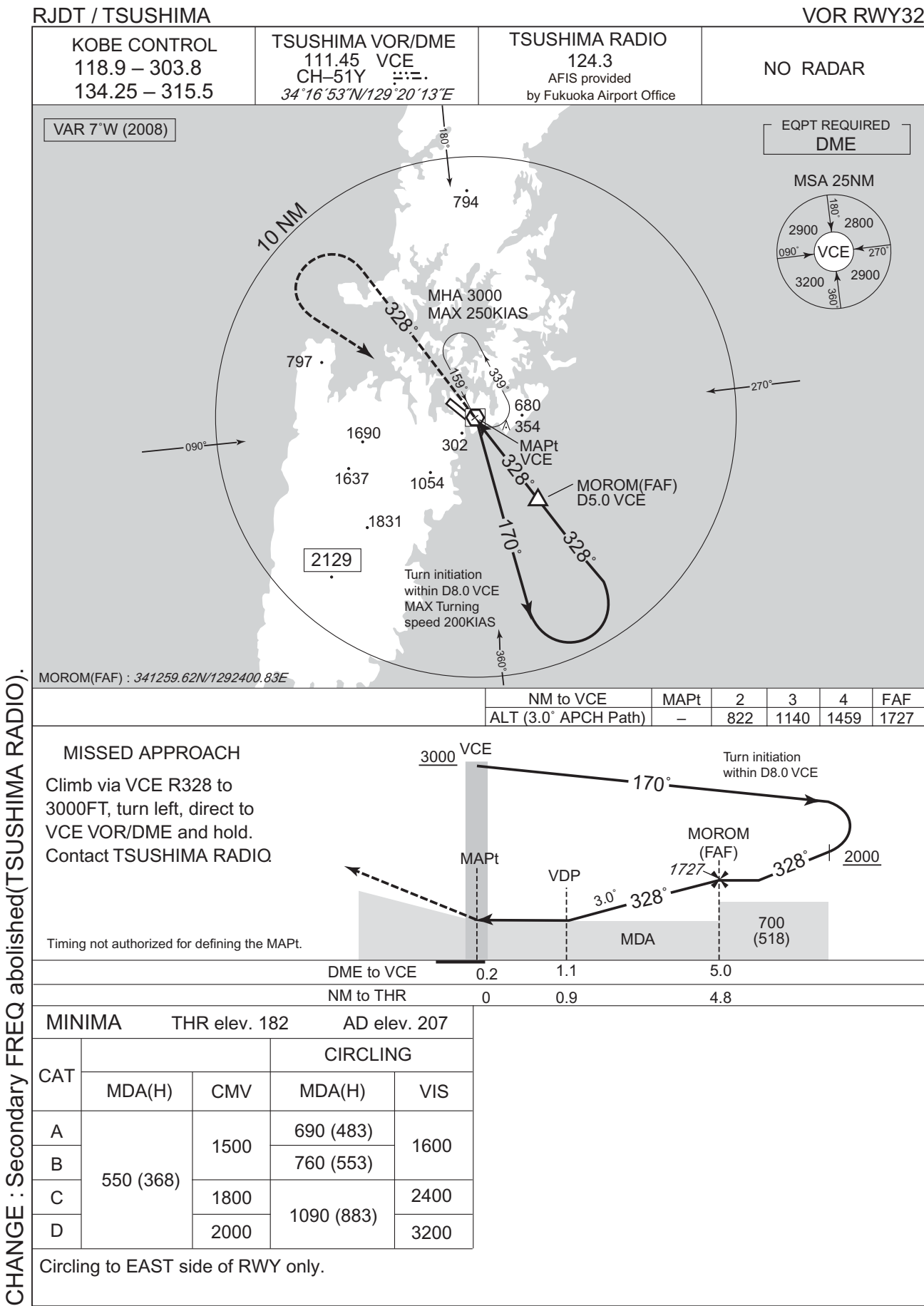
RJDT / TSUSHIMA

LOC Y RWY32



CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

VOR RWY14

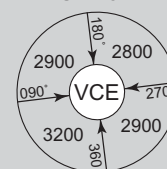
KOBE CONTROL  
118.9 – 303.8  
134.25 – 315.5TSUSHIMA VOR/DME  
111.45 VCE  
CH-51Y  
34°16'53"N/129°20'13"ETSUSHIMA RADIO  
124.3  
AFIS provided  
by Fukuoka Airport Office

NO RADAR

VAR 7°W (2008)

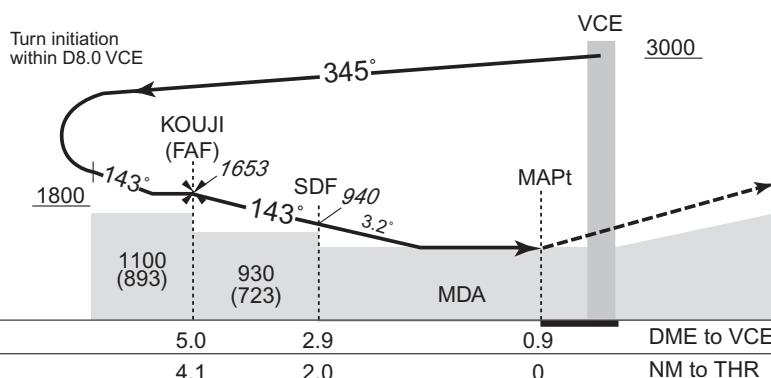
EQPT REQUIRED  
DME

MSA 25NM

MHA 3000  
MAX 250KIAS

KOUJI(FAF) : 342028.51N/1291600.10E

| NM to VCE            | MAPt | 3   | 4    | FAF  |
|----------------------|------|-----|------|------|
| ALT (3.2° APCH Path) | —    | 974 | 1314 | 1653 |



## MISSED APPROACH

Climb via VCE R143 to 3000FT,  
turn left, direct to VCE VOR/DME  
and hold.  
Contact TSUSHIMA RADIO.

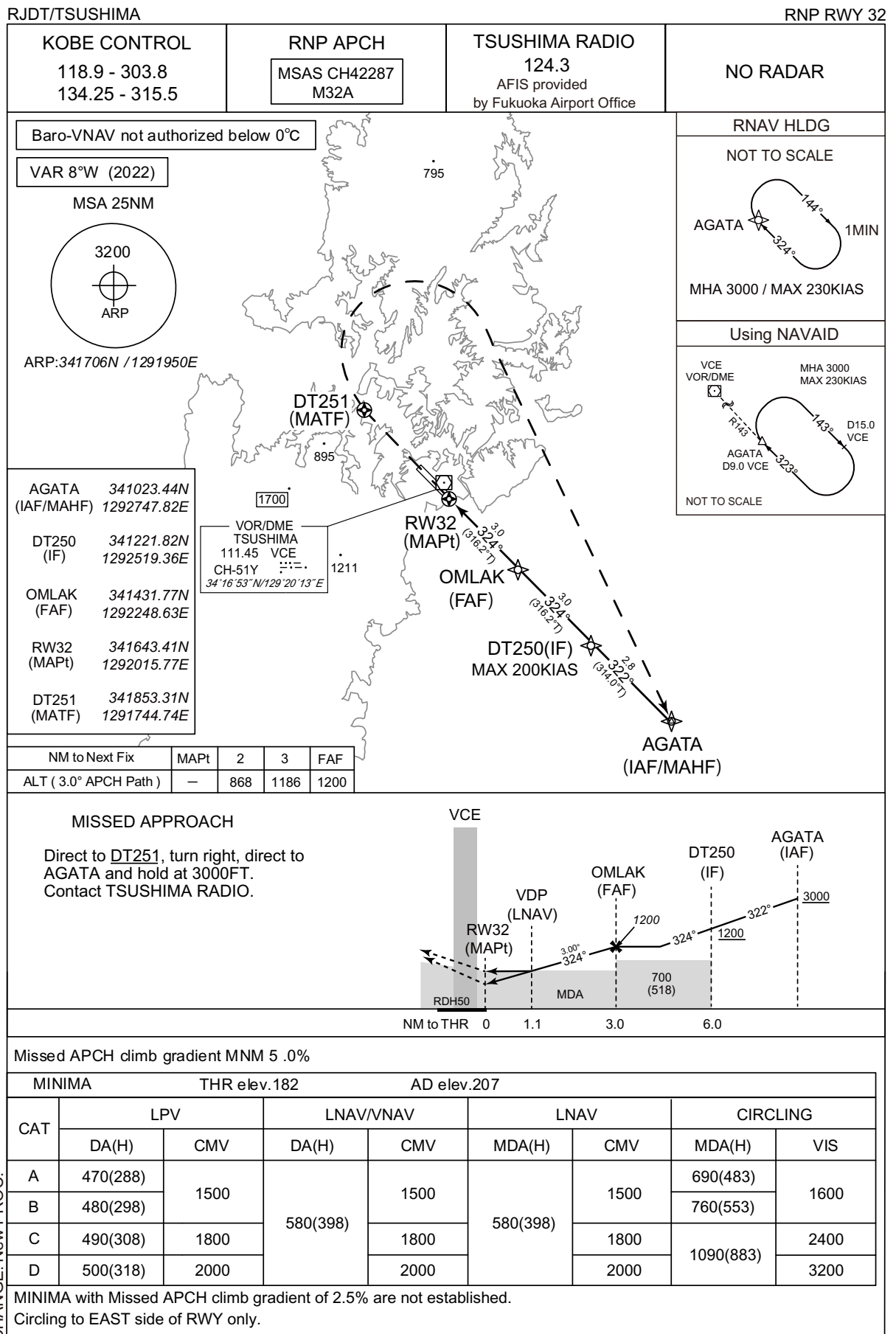
PAPI and descent angles not coincident.  
Timing not authorized for defining the MAPt.

| MINIMA |           | THR elev. 205 | AD elev. 207    |
|--------|-----------|---------------|-----------------|
| CAT    | CIRCLING  |               |                 |
|        | MDA(H)    | CMV           | MDA(H) VIS      |
| A      | 780 (573) | 1500          | 780 (573) 1600  |
| B      |           |               |                 |
| C      |           | 2000          | 1090 (883) 2400 |
| D      |           |               | 3200            |

Circling to EAST side of RWY only.

CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

## INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

RNP RW Y32

**FAS DATA BLOCK**

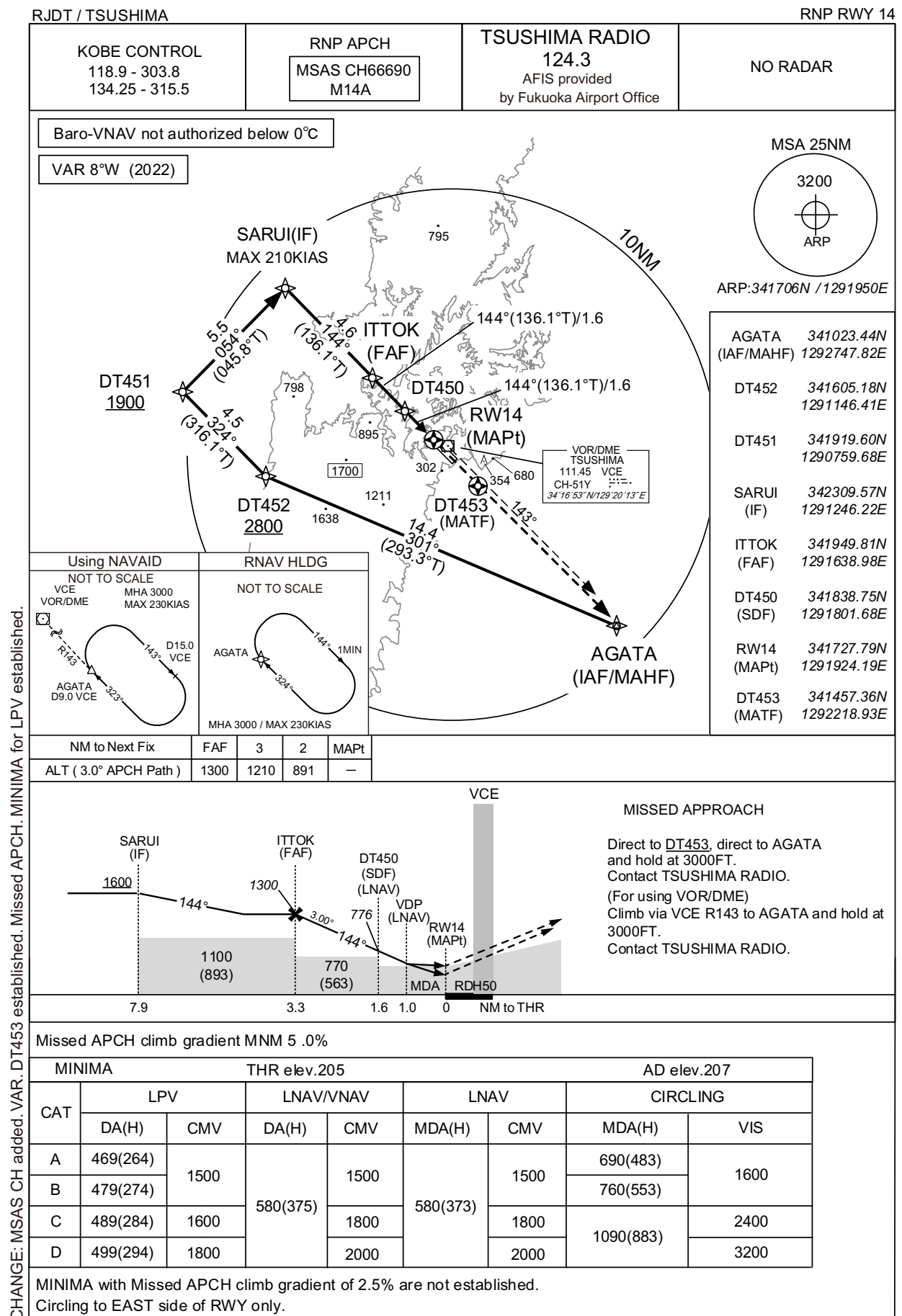
|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00861        |
| SBAS service provider identifier | 2             | FPAP latitude              | 341727.7595N  |
| Airport identifier               | RJDT          | FPAP longitude             | 1291924.2050E |
| 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            | 0000          |
| LTP/FTP latitude                 | 341643.3790N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1292015.7765E | VAL                        | 50.0          |
| CRC remainder                    | EA5E957D      |                            |               |

**Required additional data**

|                            |      |
|----------------------------|------|
| LTP/FTP orthometric height | 55.4 |
|----------------------------|------|

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

## INSTRUMENT APPROACH CHART





INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

RNP RWY14

FAS DATA BLOCK

|                                  |               |                            |               |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type                   | 0             | LTP/FTP ellipsoidal height | +00930        |
| SBAS service provider identifier | 2             | FPAP latitude              | 341643.3790N  |
| Airport identifier               | RJDT          | FPAP longitude             | 1292015.7765E |
| 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            | 0000          |
| LTP/FTP latitude                 | 341727.7595N  | HAL                        | 40.0          |
| LTP/FTP longitude                | 1291924.2050E | VAL                        | 50.0          |
| CRC remainder                    | 1534DDCD      |                            |               |

Required additional data

|                            |      |
|----------------------------|------|
| LTP/FTP orthometric height | 62.3 |
|----------------------------|------|

CHANGE : Description of FAS DATA BLOCK ITEM(CRC remainder).

RJDT / TSUSHIMA

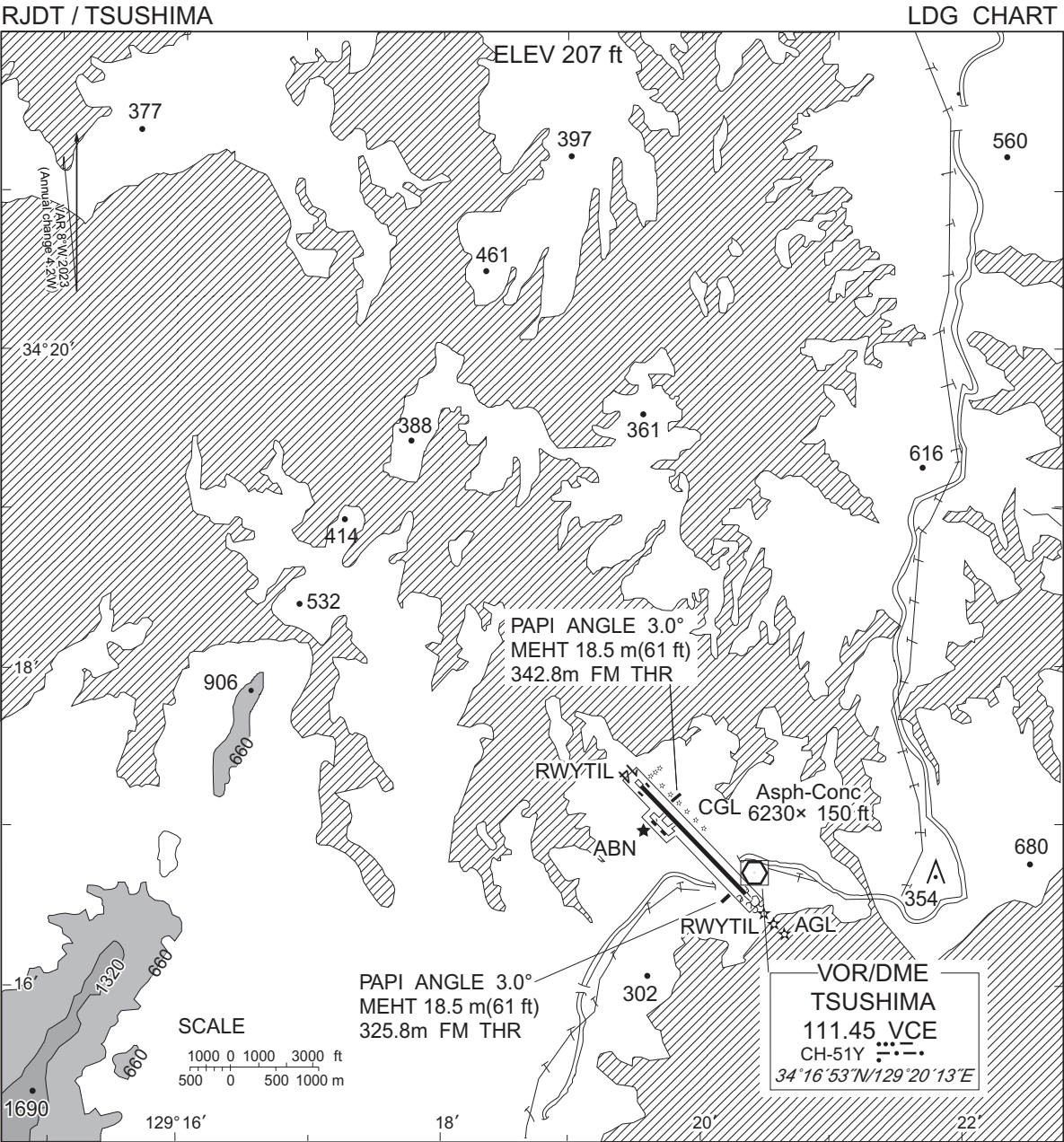
Visual REP



※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            |
|---------------------|---------------------|--------------------|
| 長崎鼻<br>Nagasakibana | 023°T / 8.3NM       | 灯台<br>Lighthouse   |
| 厳原<br>Izuhara       | 200°T / 5.7NM       | 港<br>Harbor        |
| 10NM SE             | 135°T / 10.0NM      | 海上<br>Over the Sea |



CHANGE : VAR.

RJDT / TSUSHIMA

Minimum Vectoring Altitude CHART

