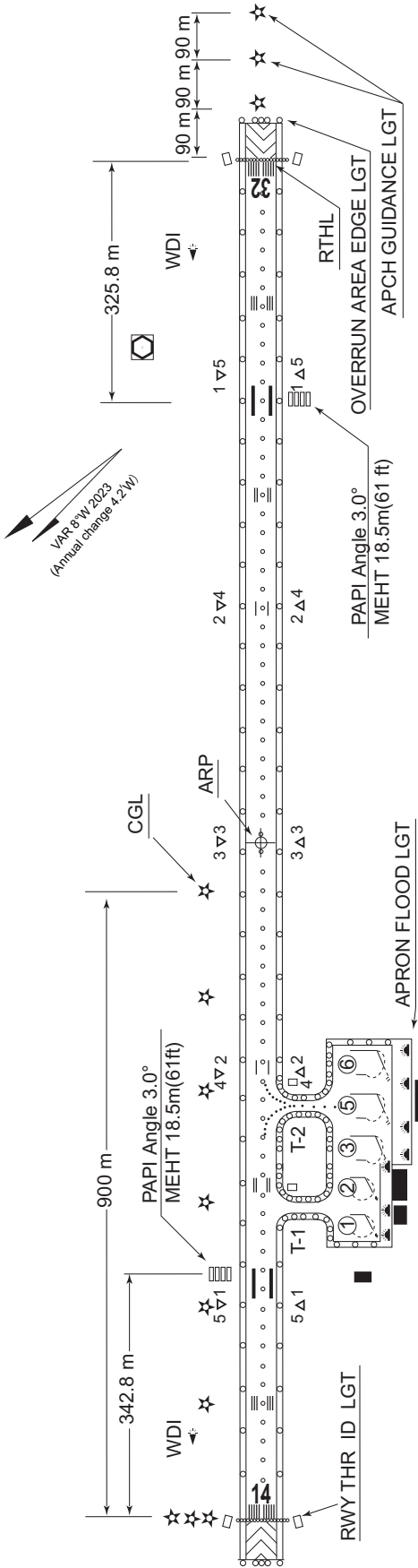


RJDT / TSUSHIMA

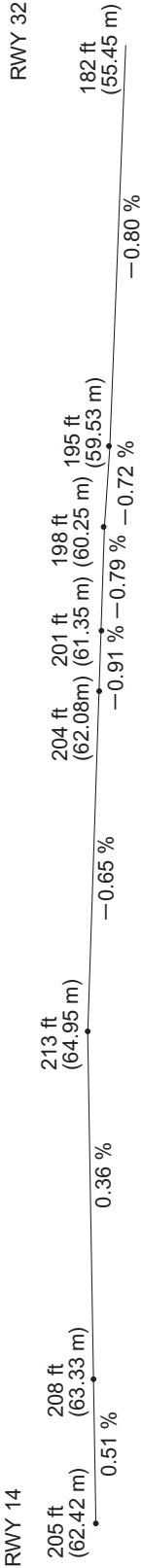
AD CHART

CHANGE : VAR.

TSUSHIMA AP



LONGITUDINAL PROFILE OF RWY



REMARKS RWY GROOVING 30m x 1900m
WIDTH OF TWY T-1 T-2 23m

INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

SID

IKISHIMA SEVEN DEPARTURE

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

RWY 32 : Climb RWY HDG to 900FT, turn right HDG 199°,...

...to intercept and proceed via VCE R154/IKE R334 to IKE VOR/DME.

Cross IKE R334/18.8DME(VCE R154/20.0 DME) 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 FOUR DEPARTURE

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

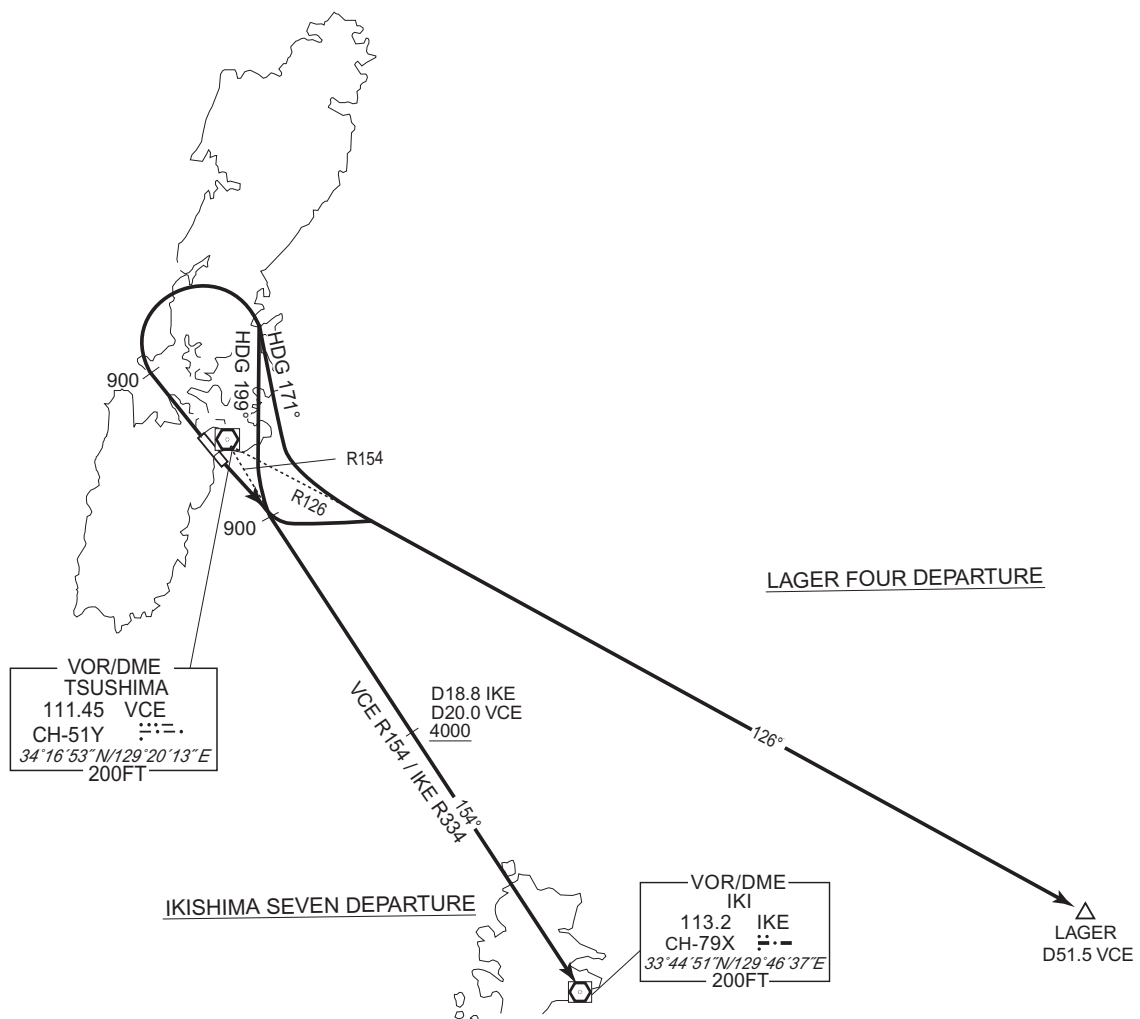
RWY 32 : Climb RWY HDG to 900FT, turn right HDG 171°,...

...to intercept and proceed via VCE R126 to LAGER.

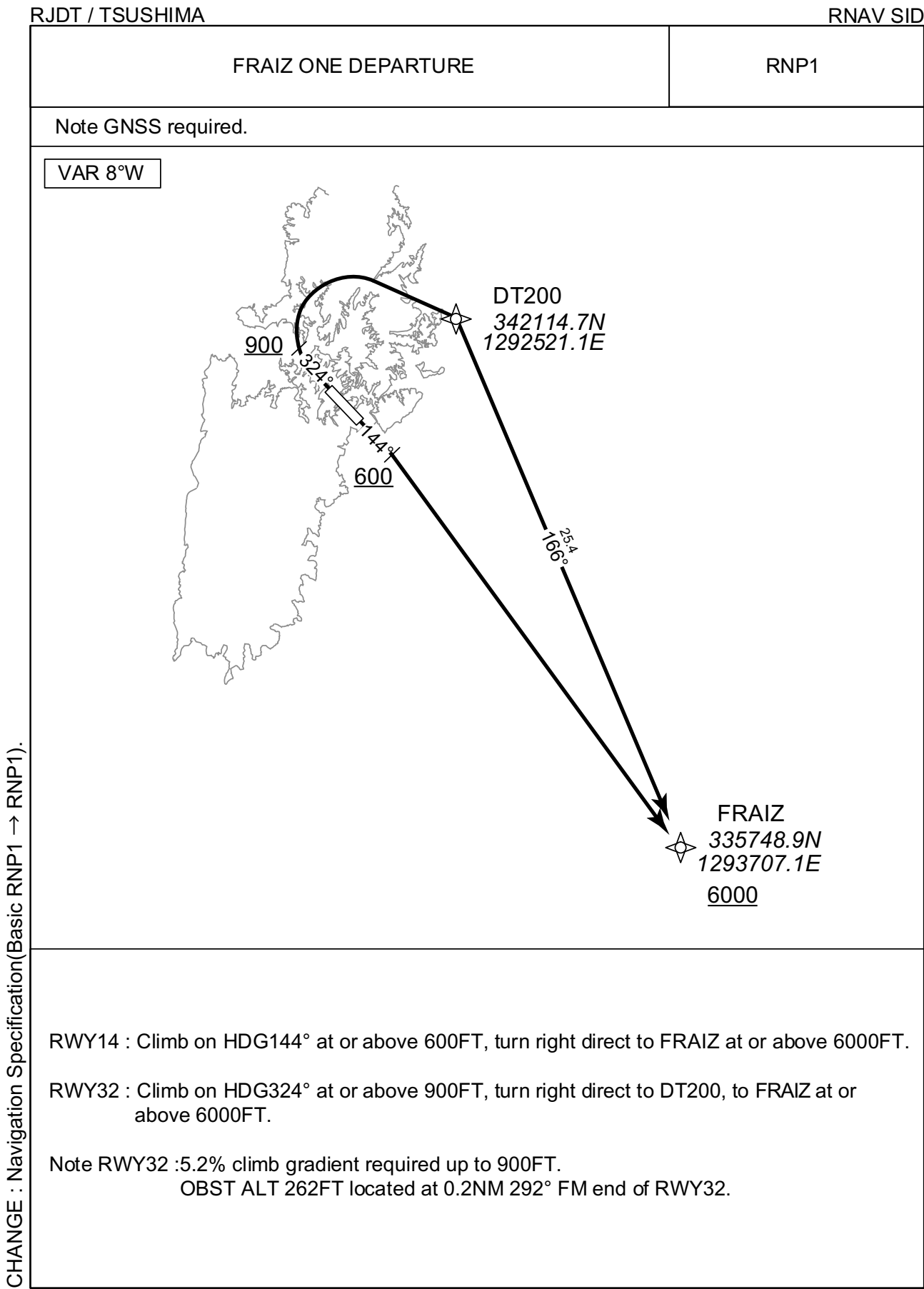
Note RWY 32 : 5.2% climb gradient required up to 900FT.

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

CHANGE : PROC renamed(IKISHIMA SEVEN DEPARTURE, LAGER FOUR DEPARTURE), PROC course.



STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

RNAV SID

FRAIZ ONE DEPARTURE

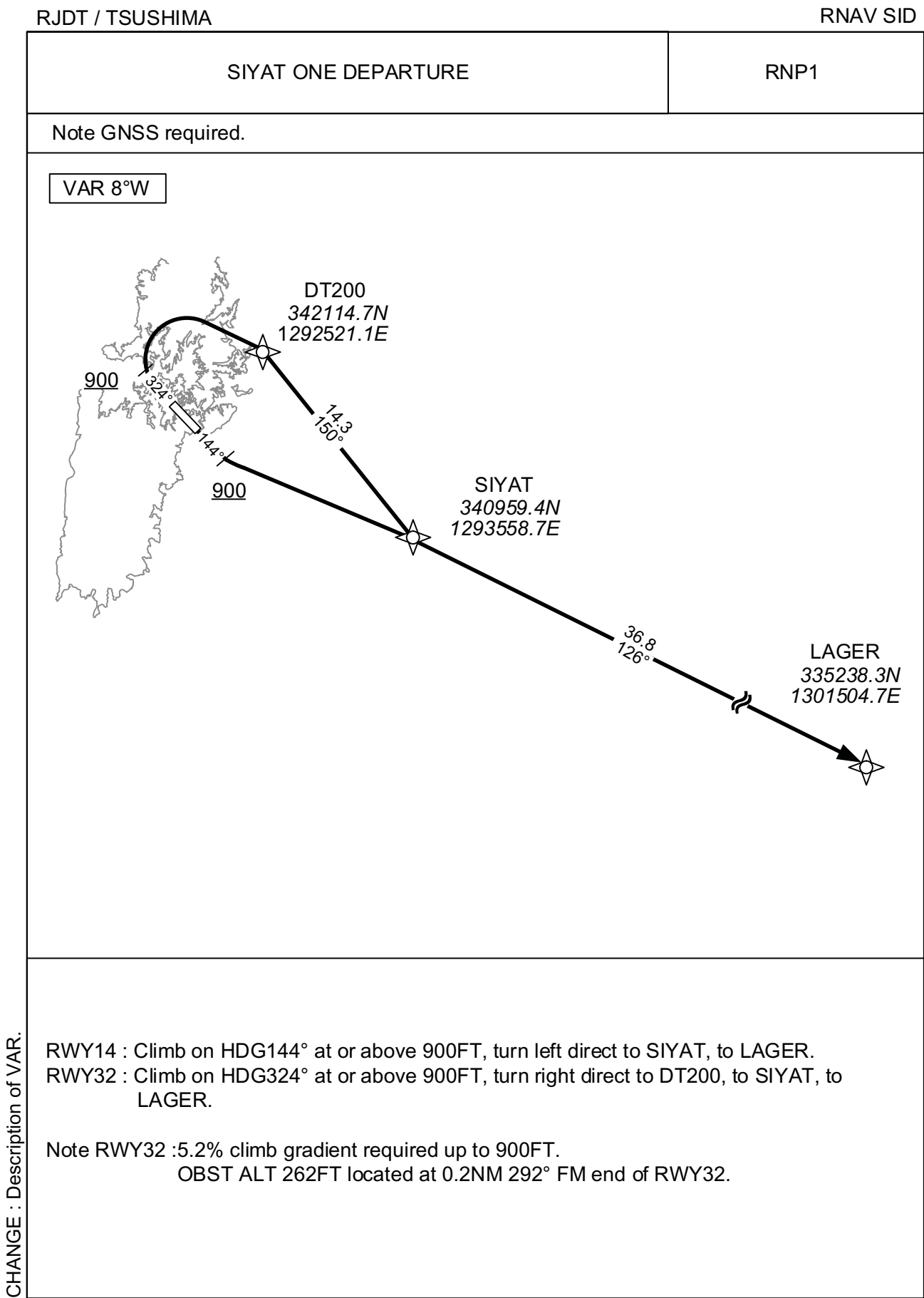
RWY14

| 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 (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 (316.2) | -8.2 | - | - | +900 | - | - | RNP1 |
| 002 | DF | DT200 | - | - | -8.2 | - | R | - | - | - | RNP1 |
| 003 | TF | FRAIZ | - | 166 (157.4) | -8.2 | 25.4 | - | +6000 | - | - | RNP1 |

STANDARD DEPARTURE CHART - INSTRUMENT



STANDARD DEPARTURE CHART - INSTRUMENT

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 (136.2) | -7.9 | - | - | +900 | - | - | RNP1 |
| 002 | DF | SIYAT | - | - | -7.9 | - | L | - | - | - | RNP1 |
| 003 | TF | LAGER | - | 126 (118.0) | -7.9 | 36.8 | - | - | - | - | RNP1 |

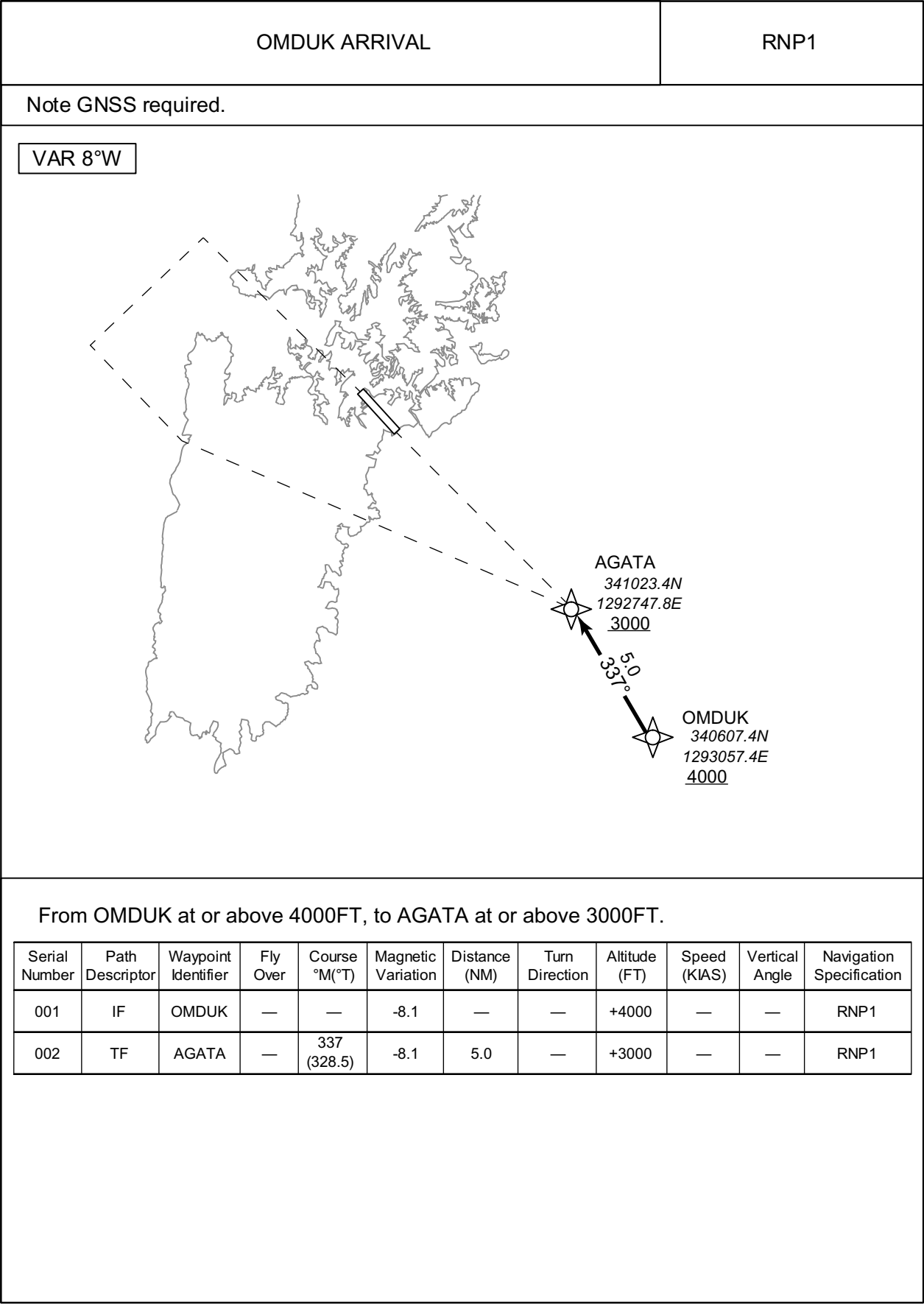
RWY32

| 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 (316.2) | -7.9 | - | - | +900 | - | - | RNP1 |
| 002 | DF | DT200 | - | - | -7.9 | - | R | - | - | - | RNP1 |
| 003 | TF | SIYAT | - | 150 (142.0) | -7.9 | 14.3 | - | - | - | - | RNP1 |
| 004 | TF | LAGER | - | 126 (118.0) | -7.9 | 36.8 | - | - | - | - | RNP1 |

STANDARD ARRIVAL CHART - INSTRUMENT

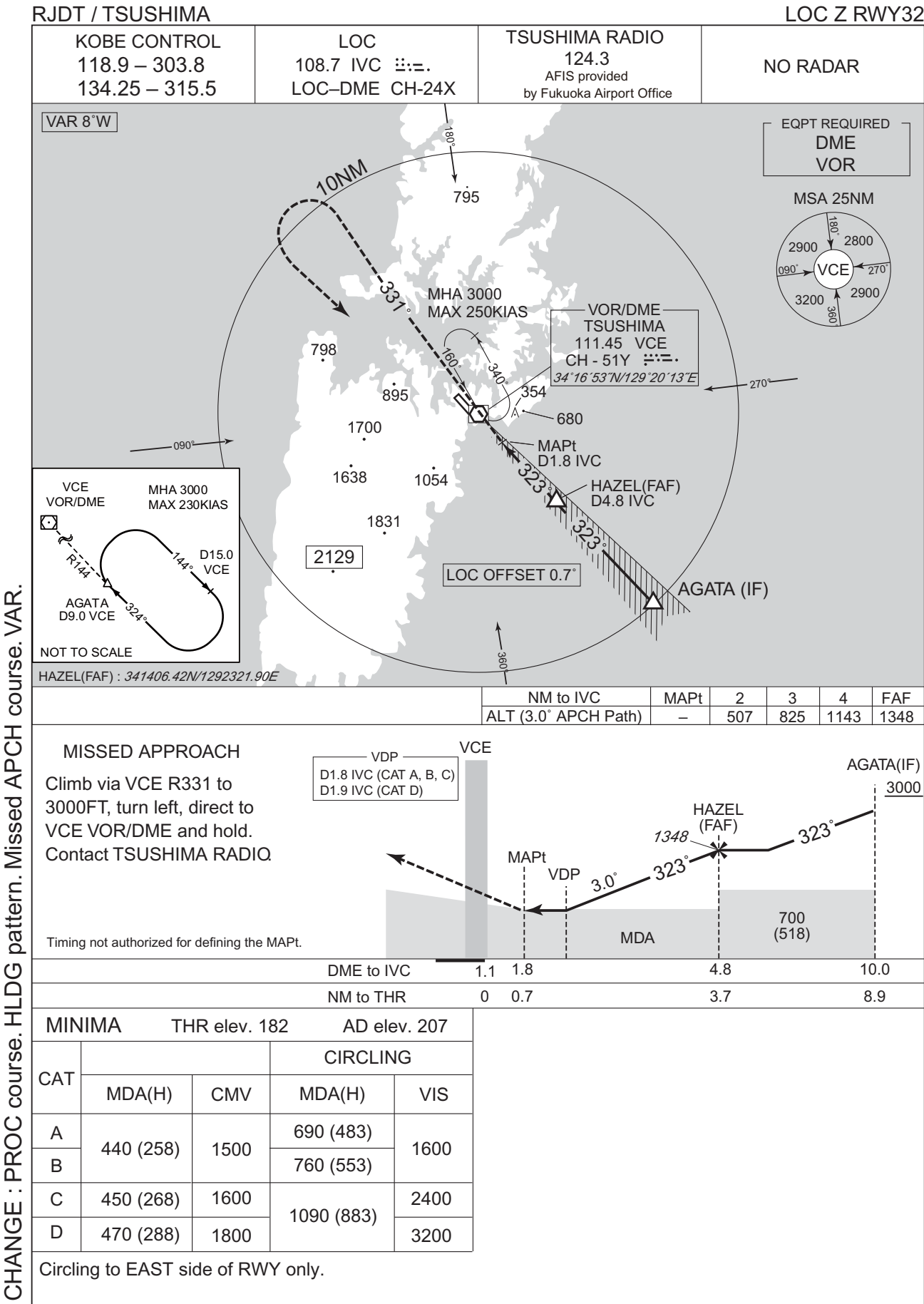
RJDT / TSUSHIMA

RNAV STAR

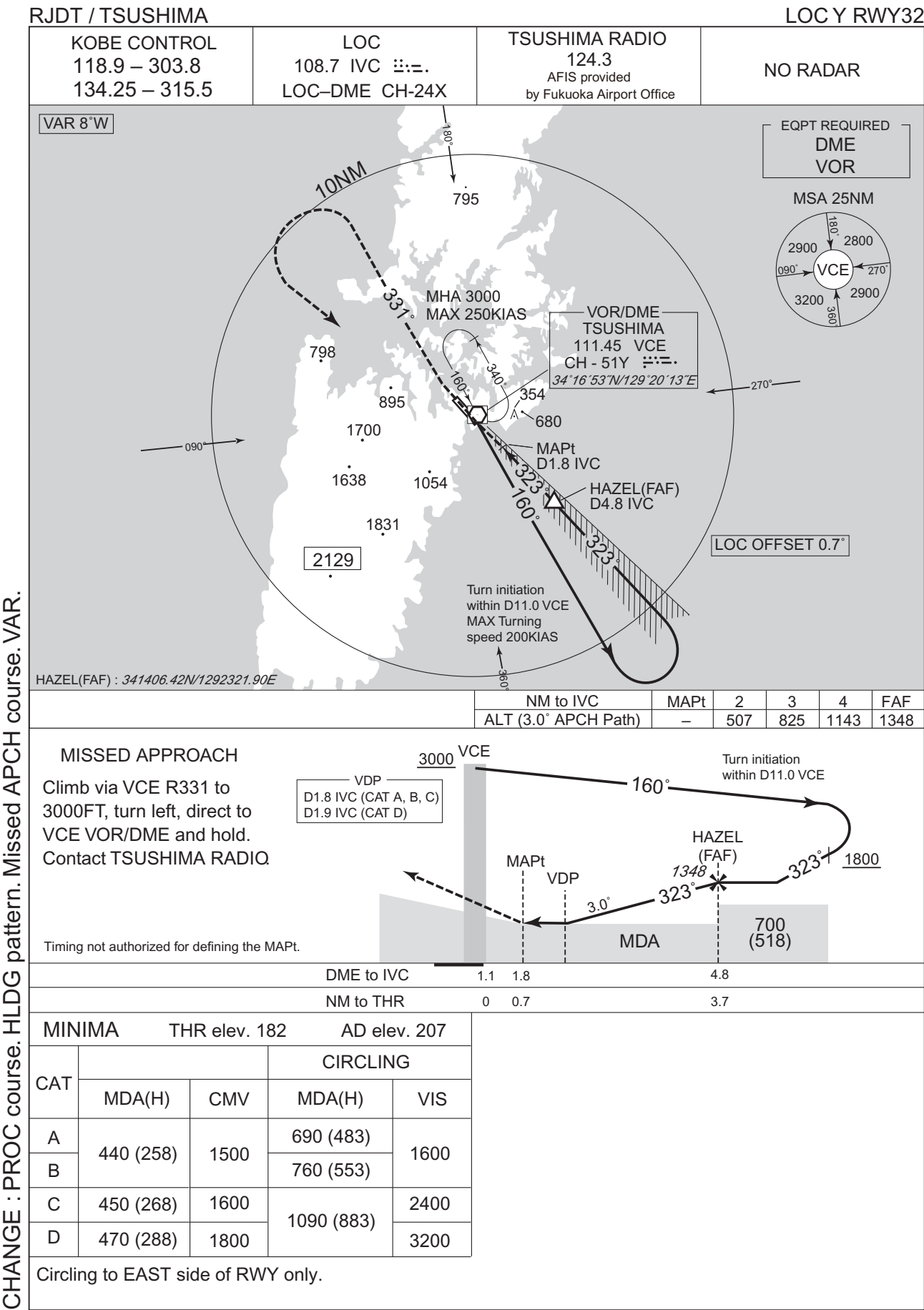


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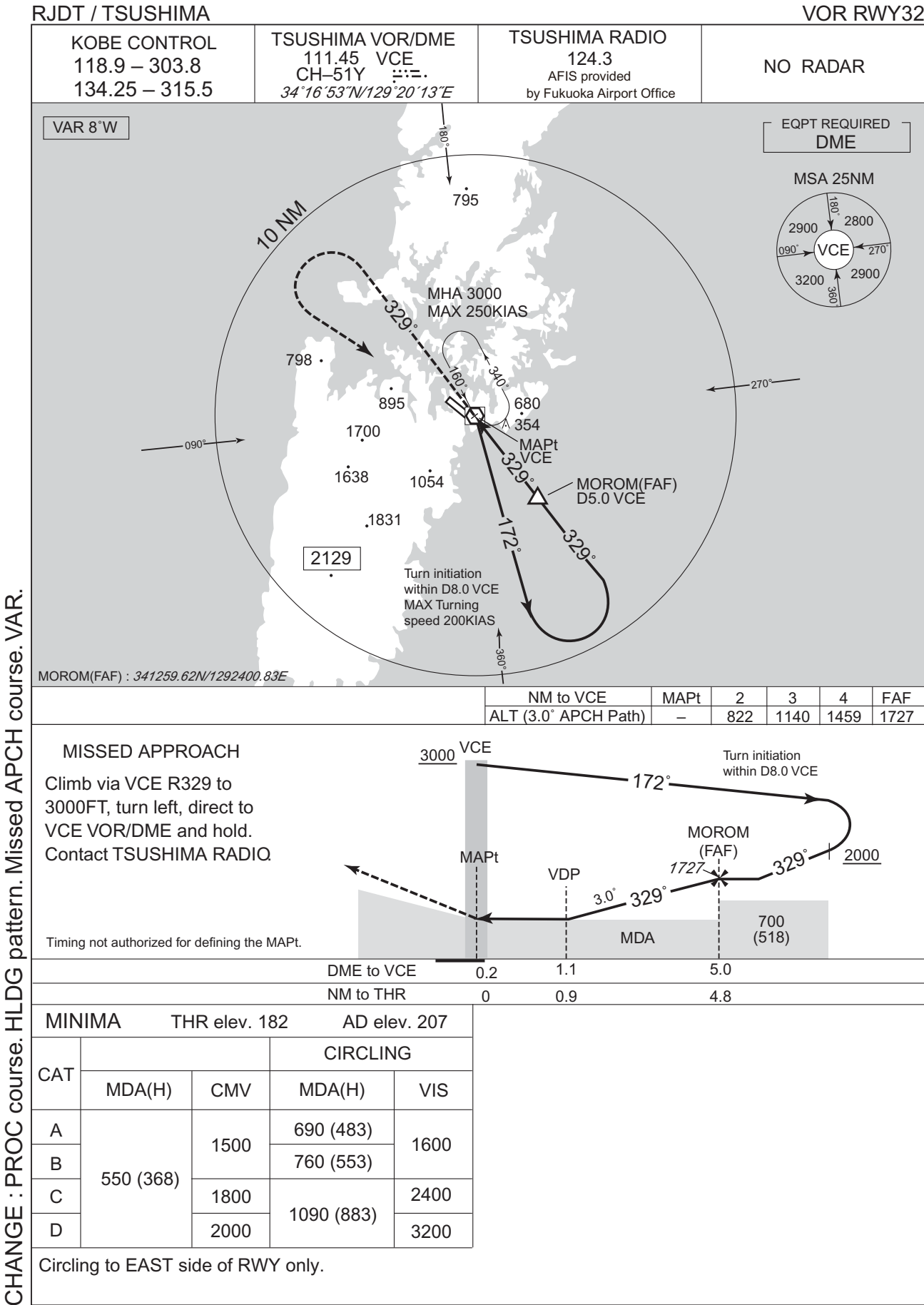
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART




INSTRUMENT APPROACH CHART



CHANGE : PROC course. HLDG pattern. Missed APCH course. VAR.

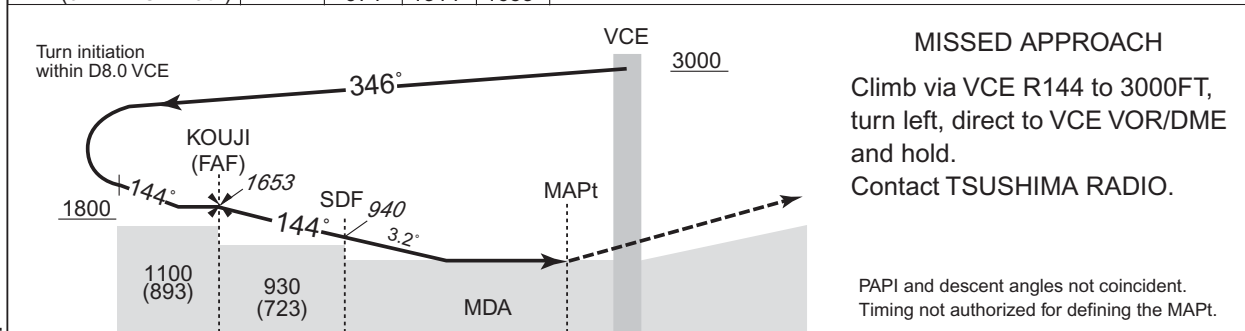
CHANGE : PROC course. HLDG pattern. Missed APCH course. VAR.

VOR RWY14

| | | | |
|---|---|---|----------|
| KOBE CONTROL 118.9 – 303.8 134.25 – 315.5 | TSUSHIMA VOR/DME 111.45 VCE CH-51Y  <i>34°16'53"N/129°20'13"E</i> | TSUSHIMA RADIO 124.3 AFIS provided by Fukuoka Airport Office | NO RADAR |
|---|---|---|----------|



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

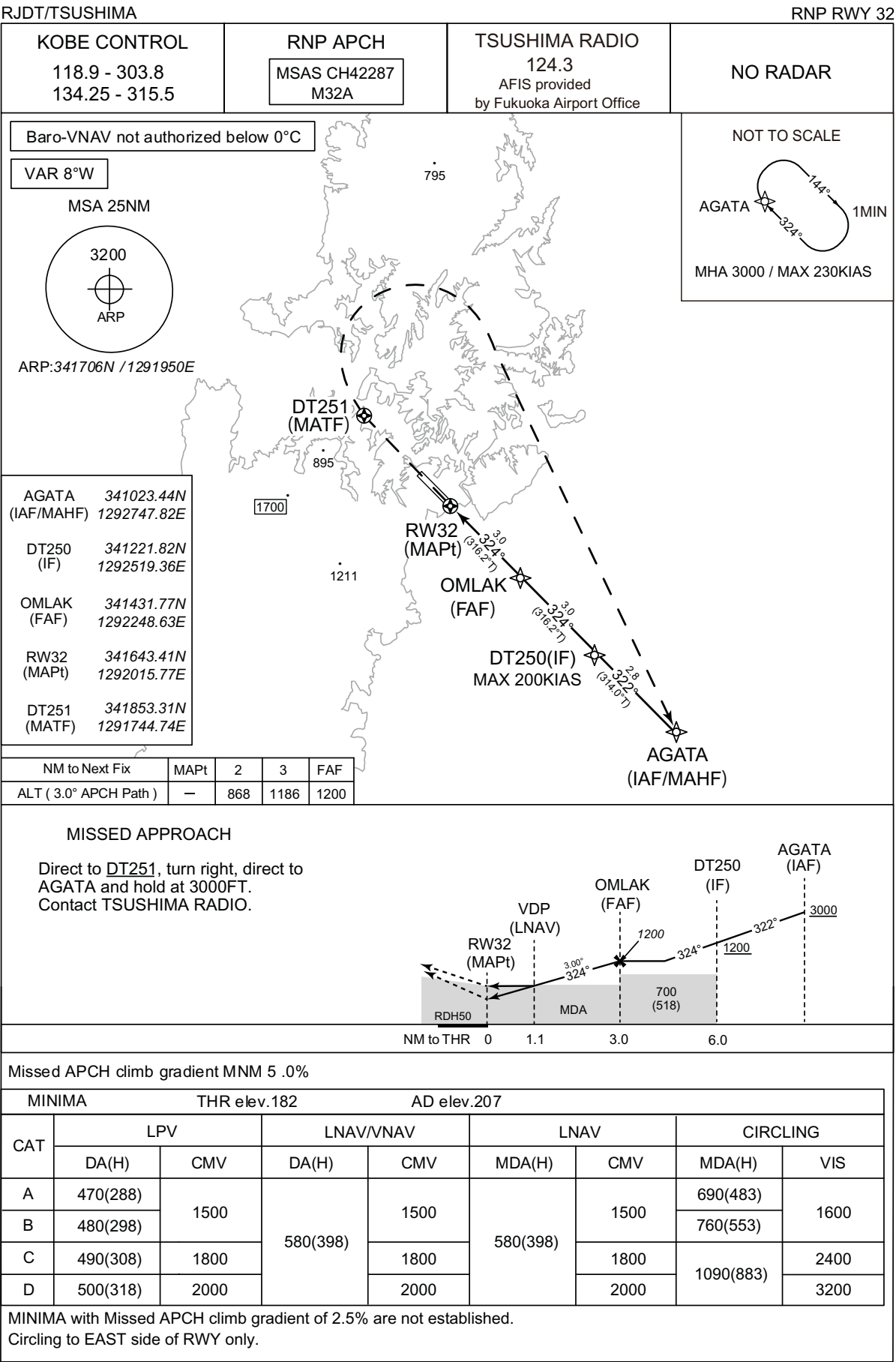


| | | | |
|-----|-----|-----|------------|
| 5.0 | 2.9 | 0.9 | DME to VCE |
| 4.1 | 2.0 | 0 | NM to THR |

| 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.

INSTRUMENT APPROACH CHART



CHANGE: HLDG pattern for using NAVAID abolished.

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).

RJDT / TSUSHIMA

KOBE CONTROL
118.9 - 303.8
134.25 - 315.5

RNP APCH

MSAS CH66690
M14A

TSUSHIMA RADIO
124.3

AFIS provided
by Fukuoka Airport Office

NO RADAR

Baro-VNAV not authorized below 0°C

VAR 8°W

MSA 25NM

3200

ARP

ARP:341706N / 1291950E

AGATA 341023.44N
(IAF/MAHF) 1292747.82E

DT452 341605.18N
1291146.41E

DT451 341919.60N
1290759.68E

SARUI 342309.57N
(IF) 1291246.22E

ITTOK 341949.81N
(FAF) 1291638.98E

DT450 341838.75N
1291801.68E

RW14 341727.79N
(MAPt) 1291924.19E

DT453 341457.36N
(MATF) 1292218.93E

NOT TO SCALE

AGATA

144° 1MIN

324°

MHA 3000 / MAX 230KIAS

NM to Next Fix

FAF

3

2

MAPt

ALT (3.0° APCH Path)

1300

1210

891

—

MISSED APPROACH

Direct to DT453, direct to AGATA
and hold at 3000FT.
Contact TSUSHIMA RADIO.

SARUI (IF)

ITTOK (FAF)

DT450 (SDF) (LNAV)

VDP (LNAV)

RW14 (MAPt)

MDA

RDH50

1600

1300

776

770

1100 (893)

770 (563)

144°

3.00°

144°

0

NM to THR

Missed APCH climb gradient MNM 5.0%

MINIMA

THR elev.205

AD elev.207

CAT

LPV

LNAV/VNAV

LNAV

CIRCLING

DA(H)

CMV

DA(H)

CMV

MDA(H)

CMV

MDA(H)

VIS

A

469(264)

1500

580(375)

1500

580(373)

1500

690(483)

1600

B

479(274)

1600

1800

1800

1090(883)

2400

C

489(284)

1800

2000

2000

3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Circling to EAST side of RWY only.

CHANGE : Missed APCH for using VOR/DME abolished. HLDG pattern for using NAVAID abolished.

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

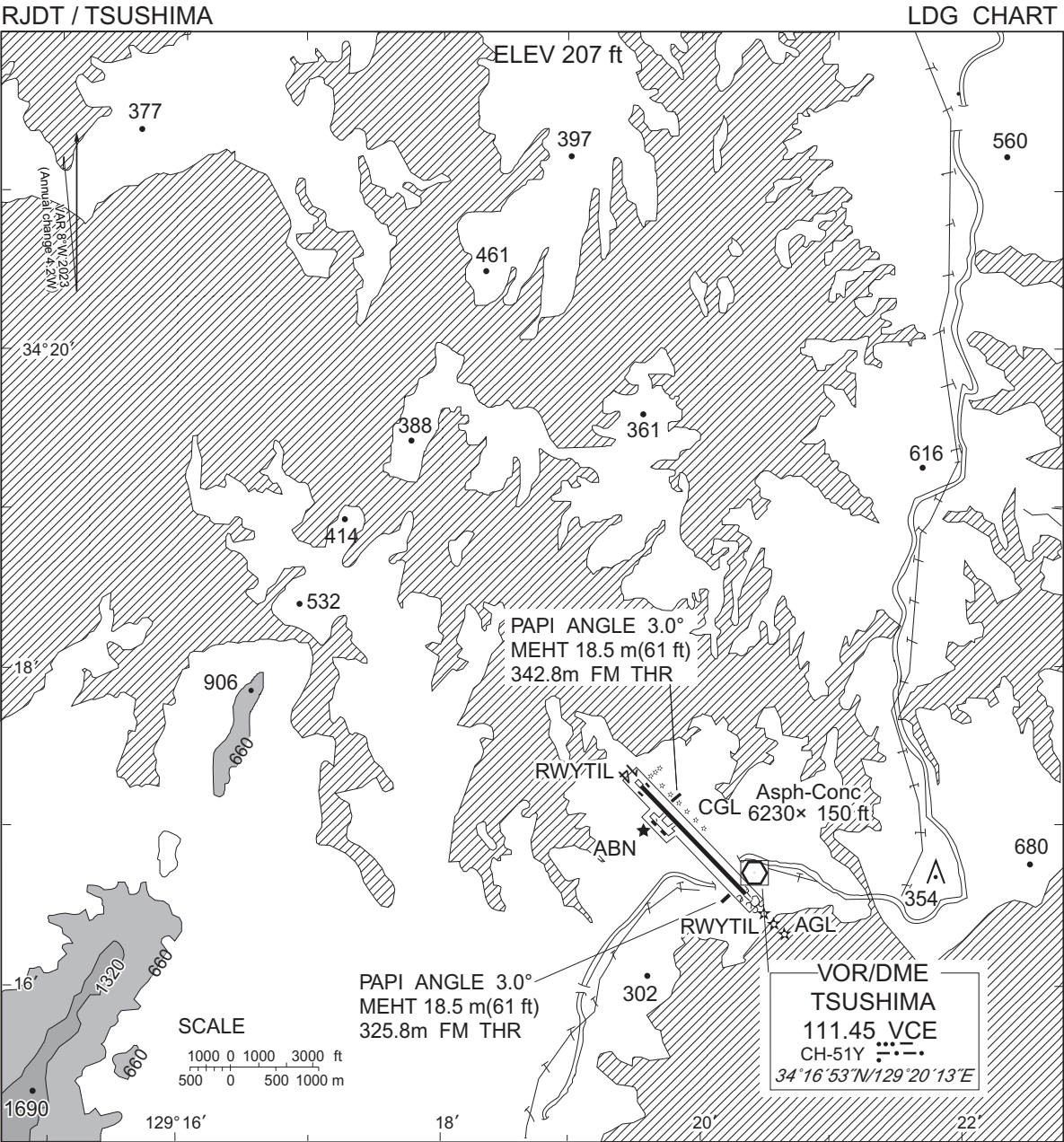
Visual REP



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



CHANGE : VAR.

RJDT / TSUSHIMA

Minimum Vectoring Altitude CHART

