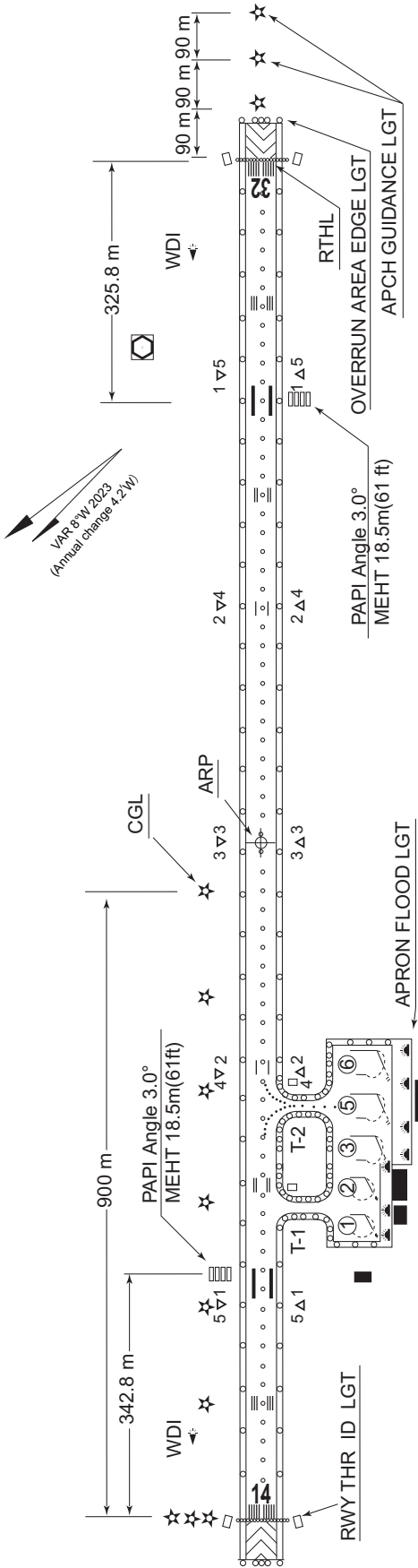


RJDT / TSUSHIMA

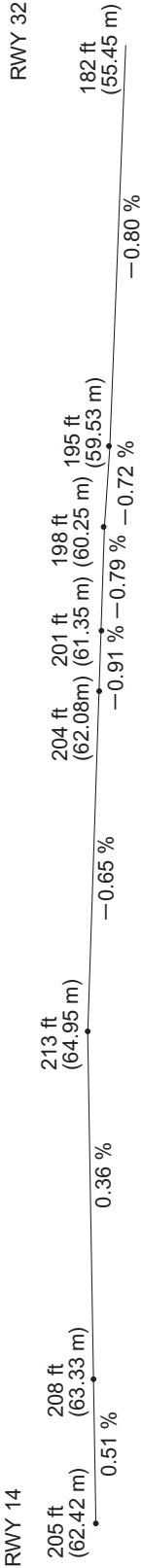
AD CHART

CHANGE : VAR.

TSUSHIMA AP



LONGITUDINAL PROFILE OF RWY



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

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STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

SID

IKISHIMA FIVE 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 : 3.9% climb gradient required up to 900FT.

OBST ALT 525FT located at 1.9NM 306° FM end of RWY 32.

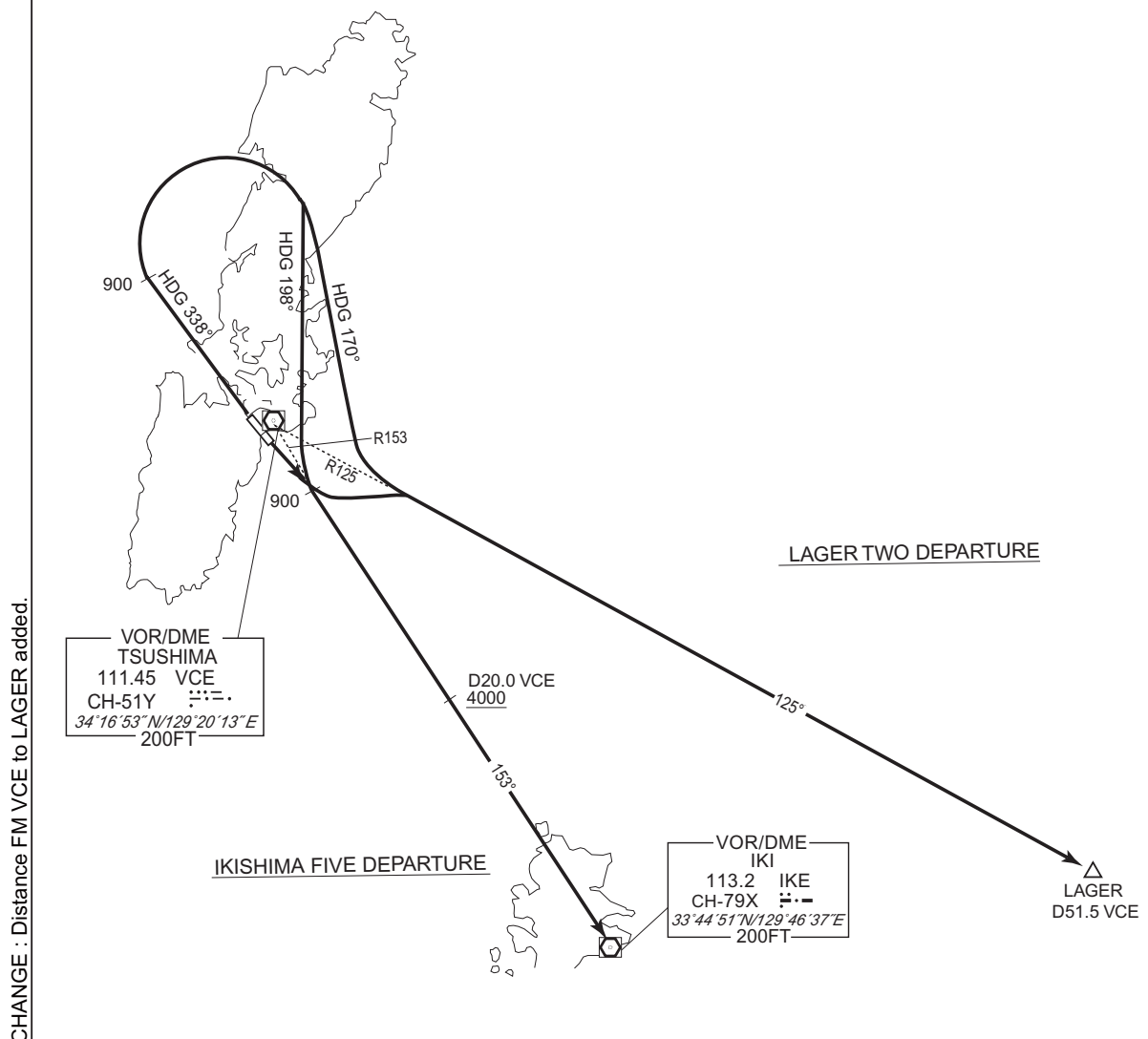
LAGER TWO DEPARTURE

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 : 3.9% climb gradient required up to 900FT.

OBST ALT 525FT located at 1.9NM 306° FM end of RWY 32.



STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

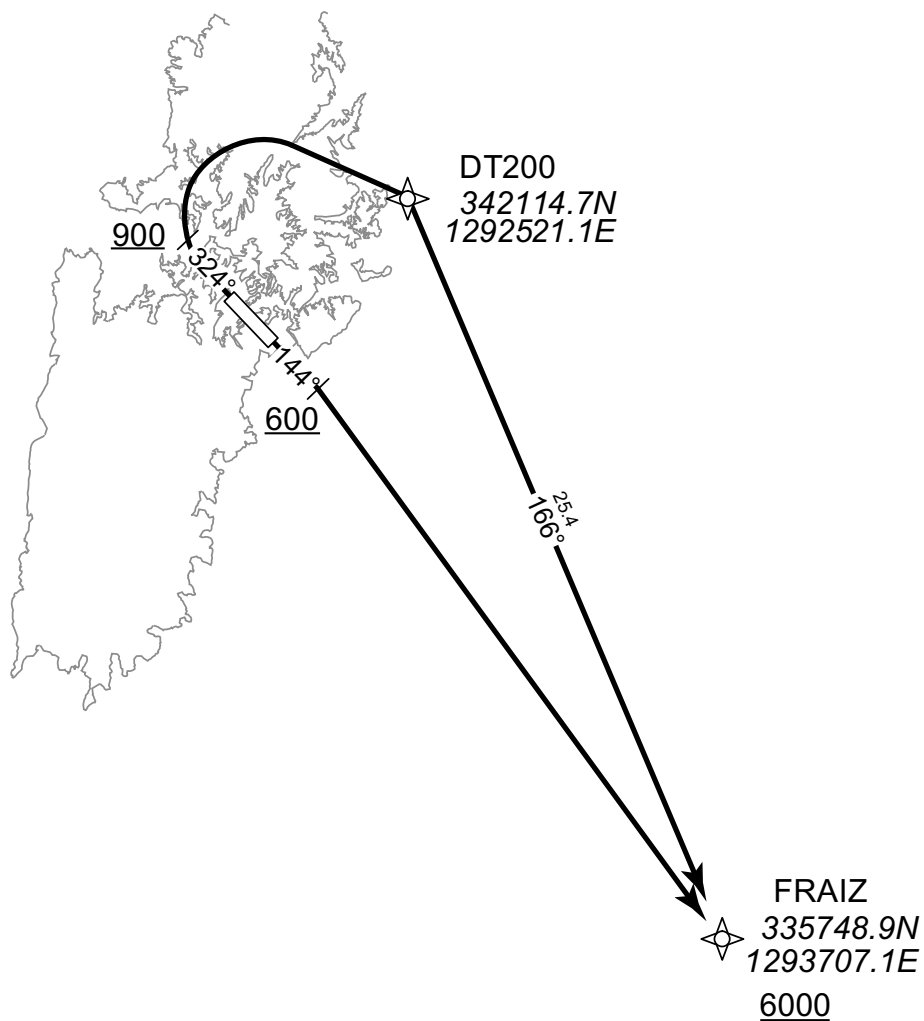
RNAV SID

FRAIZ ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 8°W



RWY14 : Climb on HDG144° at or above 600FT, turn right direct to FRAIZ at or above 6000FT.

RWY32 : Climb on HDG324° at or above 900FT, turn right direct to DT200, to FRAIZ at or above 6000FT.

Note RWY32 :5.2% climb gradient required up to 900FT.

OBST ALT 262FT located at 0.2NM 292° FM end of RWY32.

CHANGE : New PROC.

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

CHANGE : New PROC.

STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

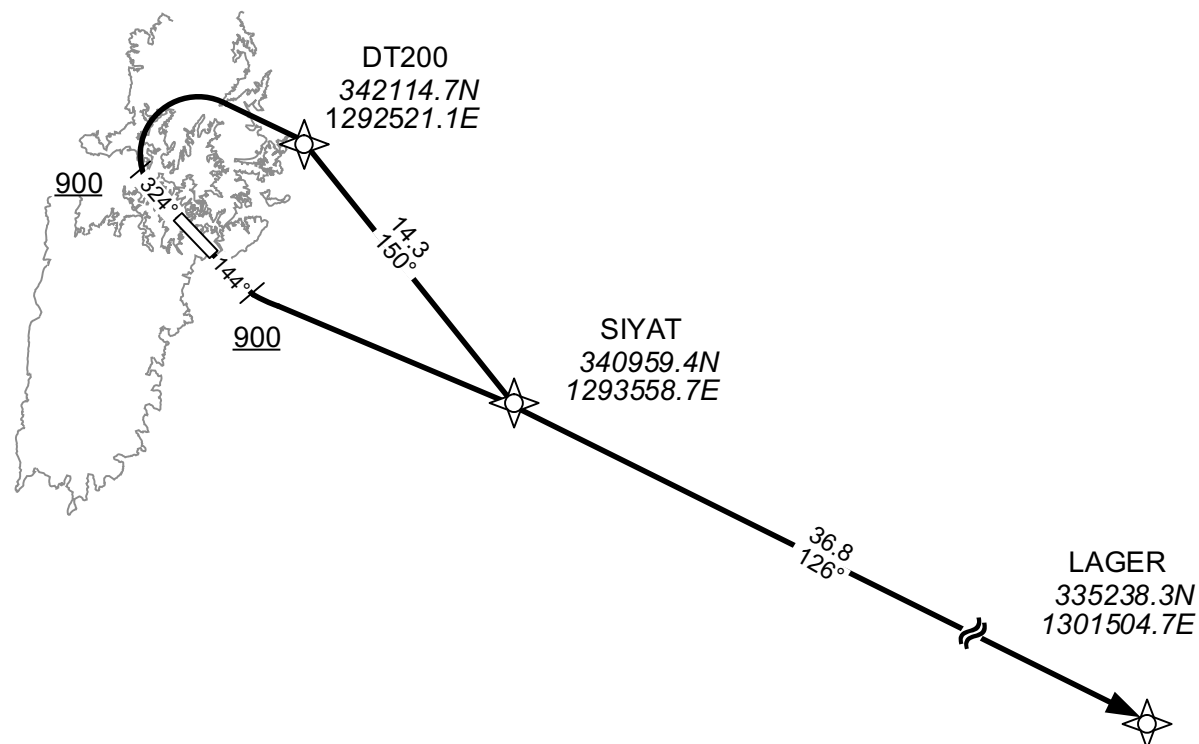
RNAV SID

SIYAT ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 8°W (2020)



RWY14 : Climb on HDG144° at or above 900FT, turn left direct to SIYAT, to LAGER.

RWY32 : Climb on HDG324° at or above 900FT, turn right direct to DT200, to SIYAT, to LAGER.

Note RWY32 : 5.2% climb gradient required up to 900FT.

OBST ALT 262FT located at 0.2NM 292° FM end of RWY32.

CHANGE : Description of PROC name.

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 | — | — | Basic RNP1 |
| 002 | DF | SIYAT | — | — | -7.9 | — | L | — | — | — | Basic RNP1 |
| 003 | TF | LAGER | — | 126 (118.0) | -7.9 | 36.8 | — | — | — | — | Basic RNP1 |

RWY32

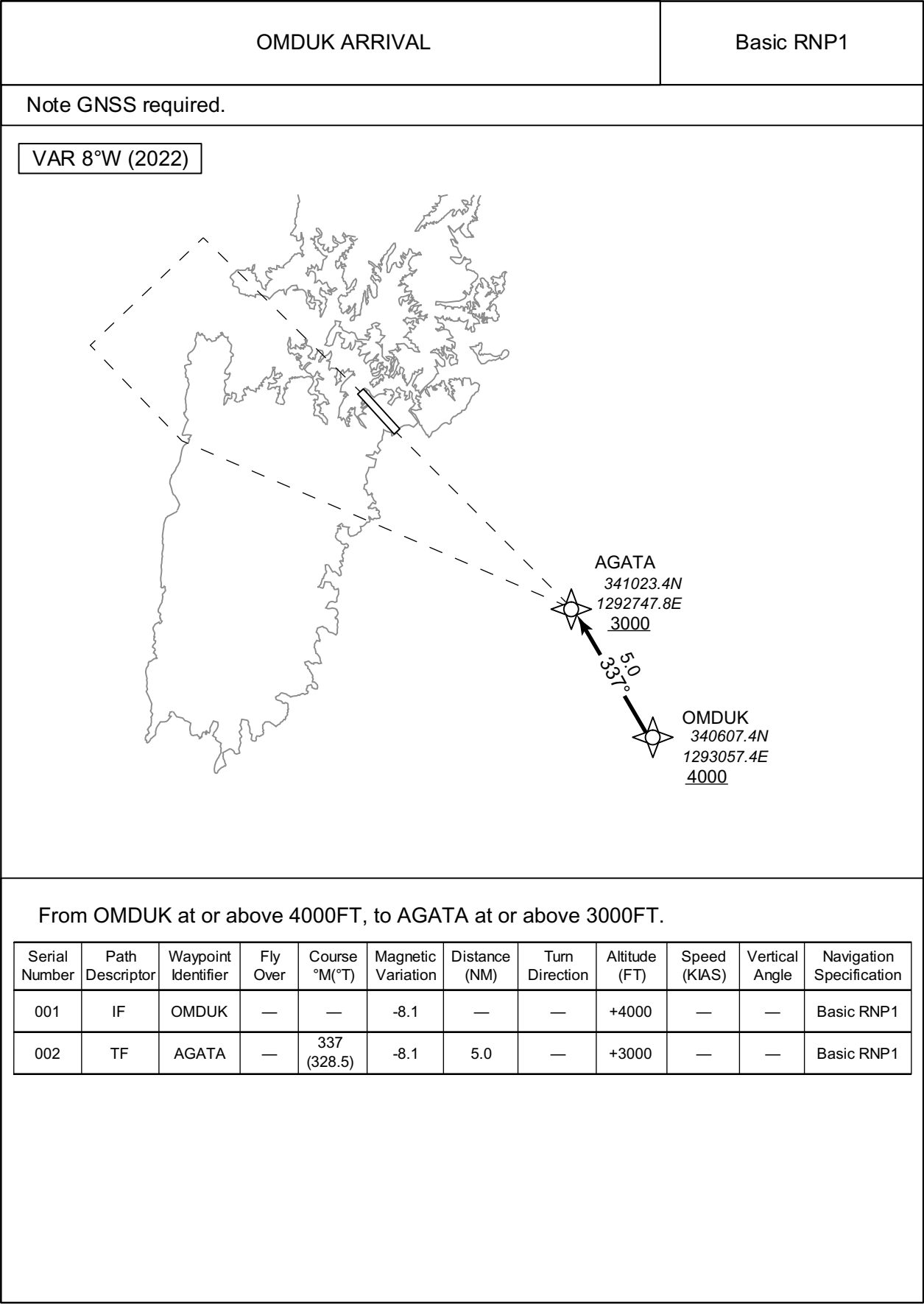
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001 | VA | — | — | 324 (316.2) | -7.9 | — | — | +900 | — | — | Basic RNP1 |
| 002 | DF | DT200 | — | — | -7.9 | — | R | — | — | — | Basic RNP1 |
| 003 | TF | SIYAT | — | 150 (142.0) | -7.9 | 14.3 | — | — | — | — | Basic RNP1 |
| 004 | TF | LAGER | — | 126 (118.0) | -7.9 | 36.8 | — | — | — | — | Basic RNP1 |

CHANGE : New PROC

STANDARD ARRIVAL CHART - INSTRUMENT

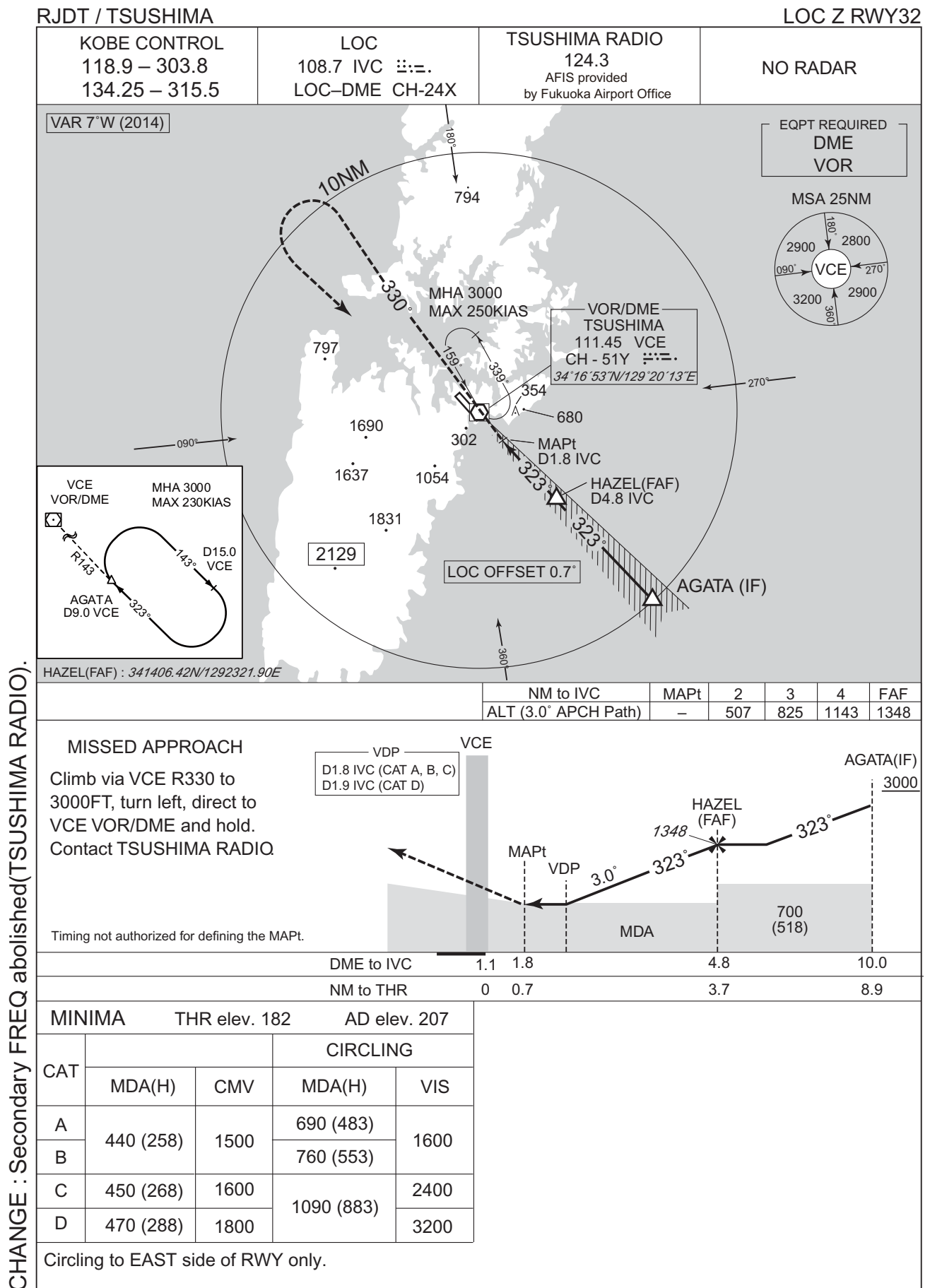
RJDT / TSUSHIMA

RNAV STAR



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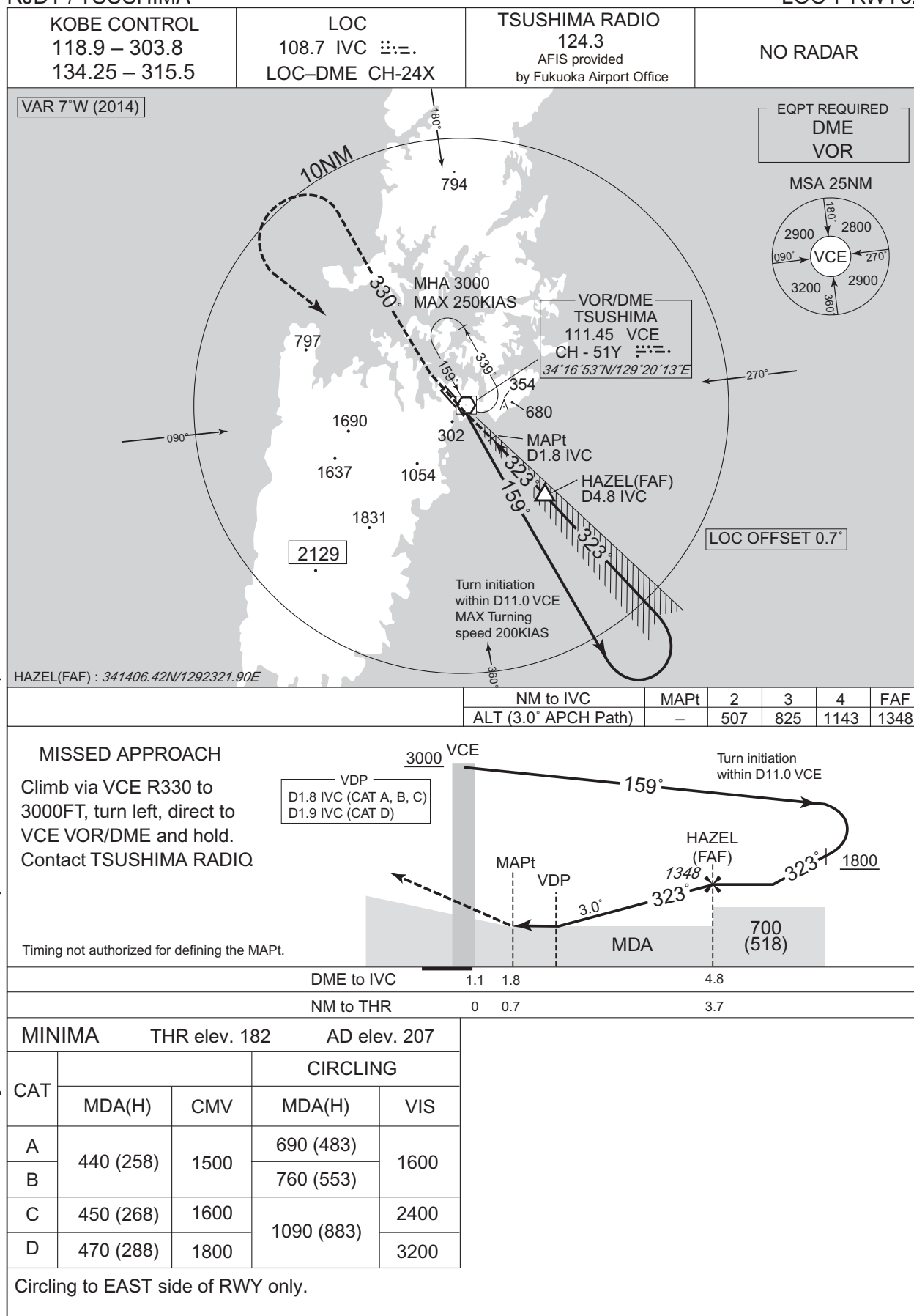
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

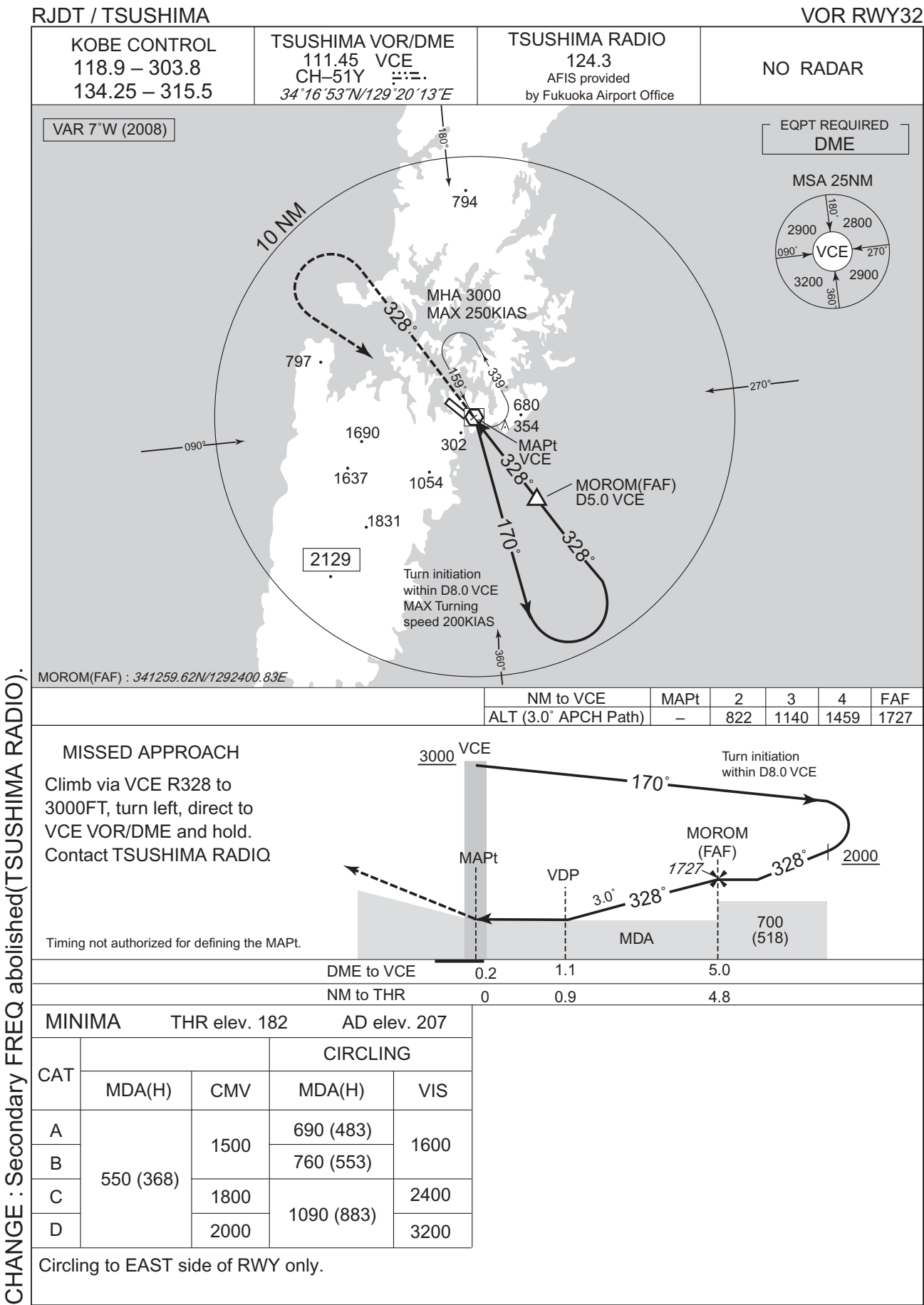
RJDT / TSUSHIMA

LOC Y RWY32



CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

VOR RWY14

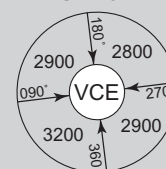
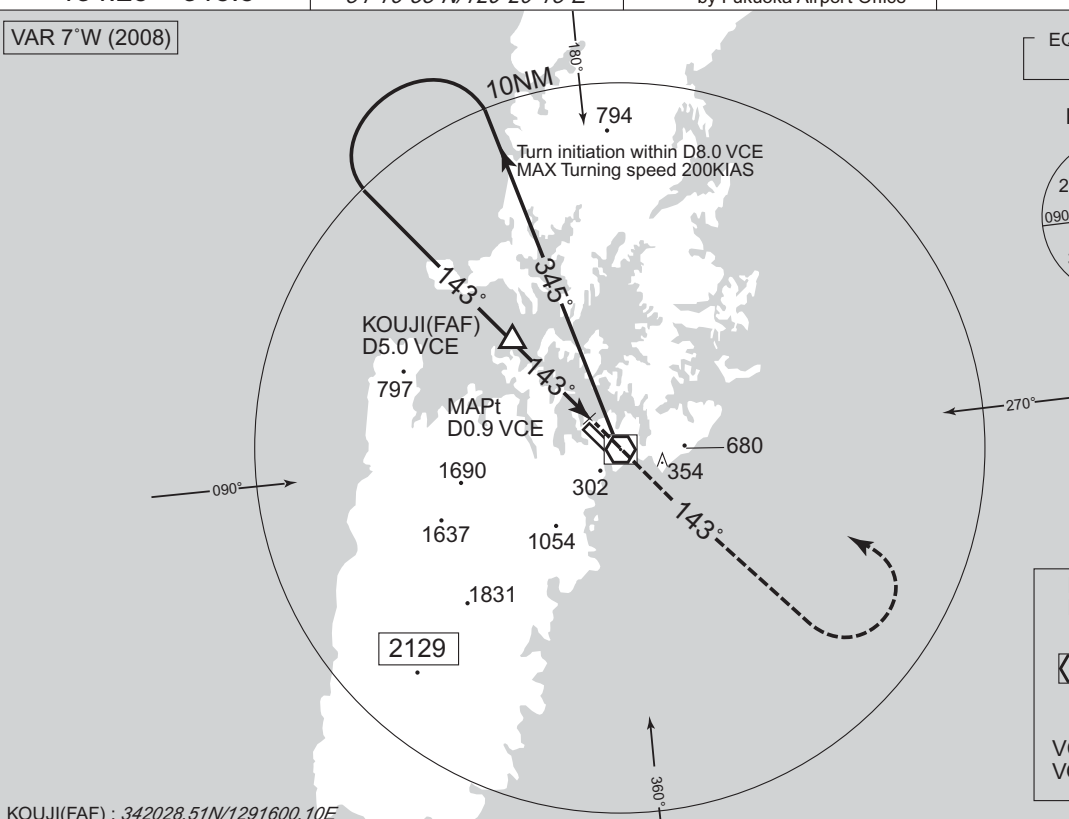
KOBE CONTROL
118.9 – 303.8
134.25 – 315.5TSUSHIMA VOR/DME
111.45 VCE
CH-51Y
34°16'53"N/129°20'13"ETSUSHIMA RADIO
124.3
AFIS provided
by Fukuoka Airport Office

NO RADAR

VAR 7°W (2008)

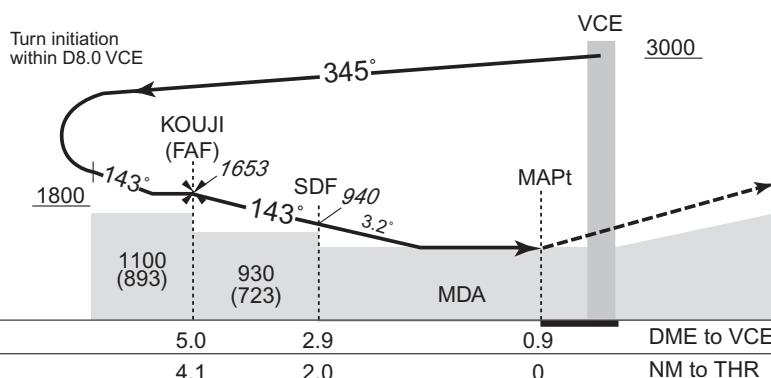
EQPT REQUIRED
DME

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.

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

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

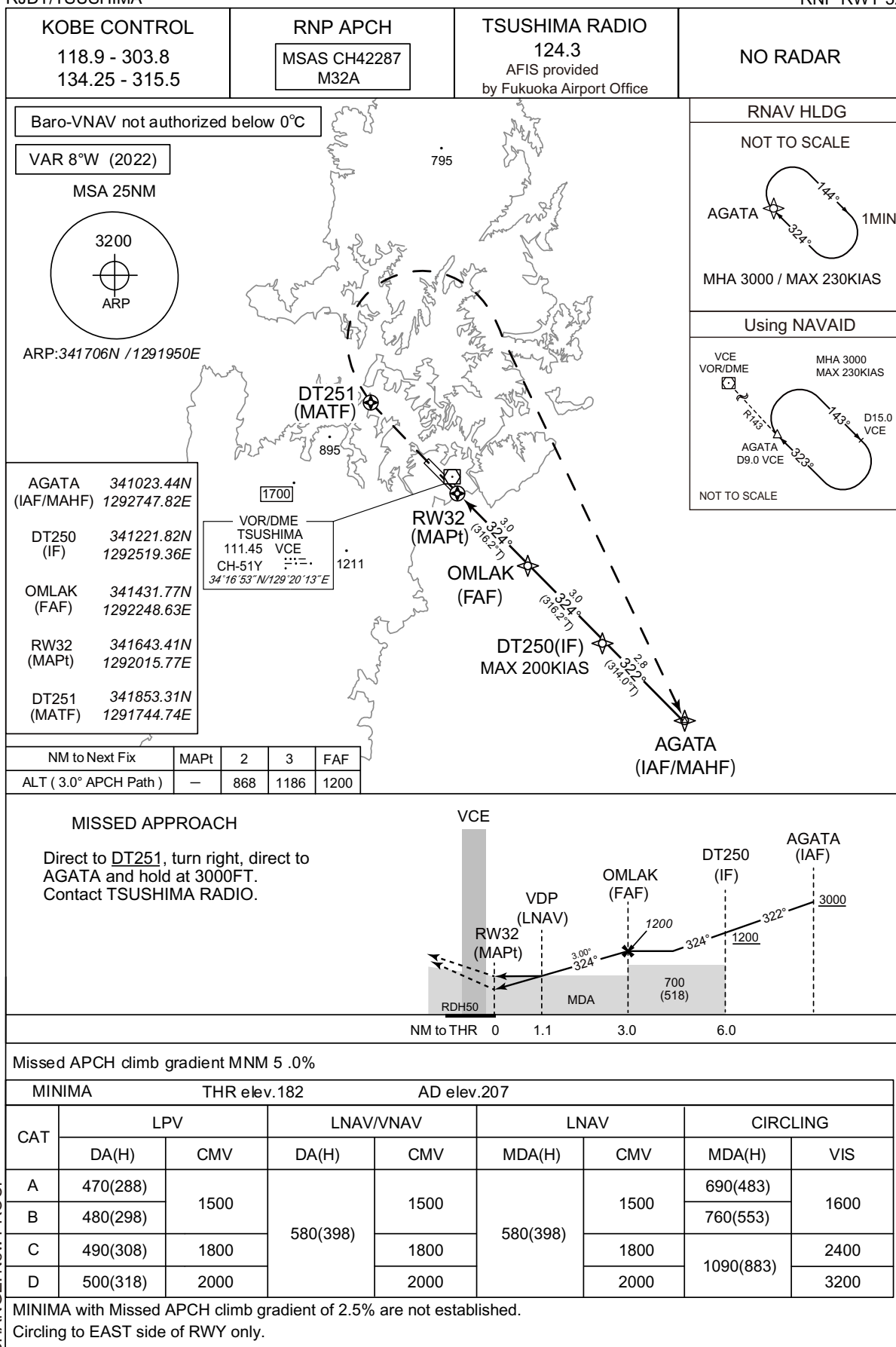
Circling to EAST side of RWY only.

CHANGE : Secondary FREQ abolished(TSUSHIMA RADIO).

INSTRUMENT APPROACH CHART

RJDT/TSUSHIMA

RNP RWY 32



CHANGE: New PROC.

INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

RNP RW Y32

FAS DATA BLOCK

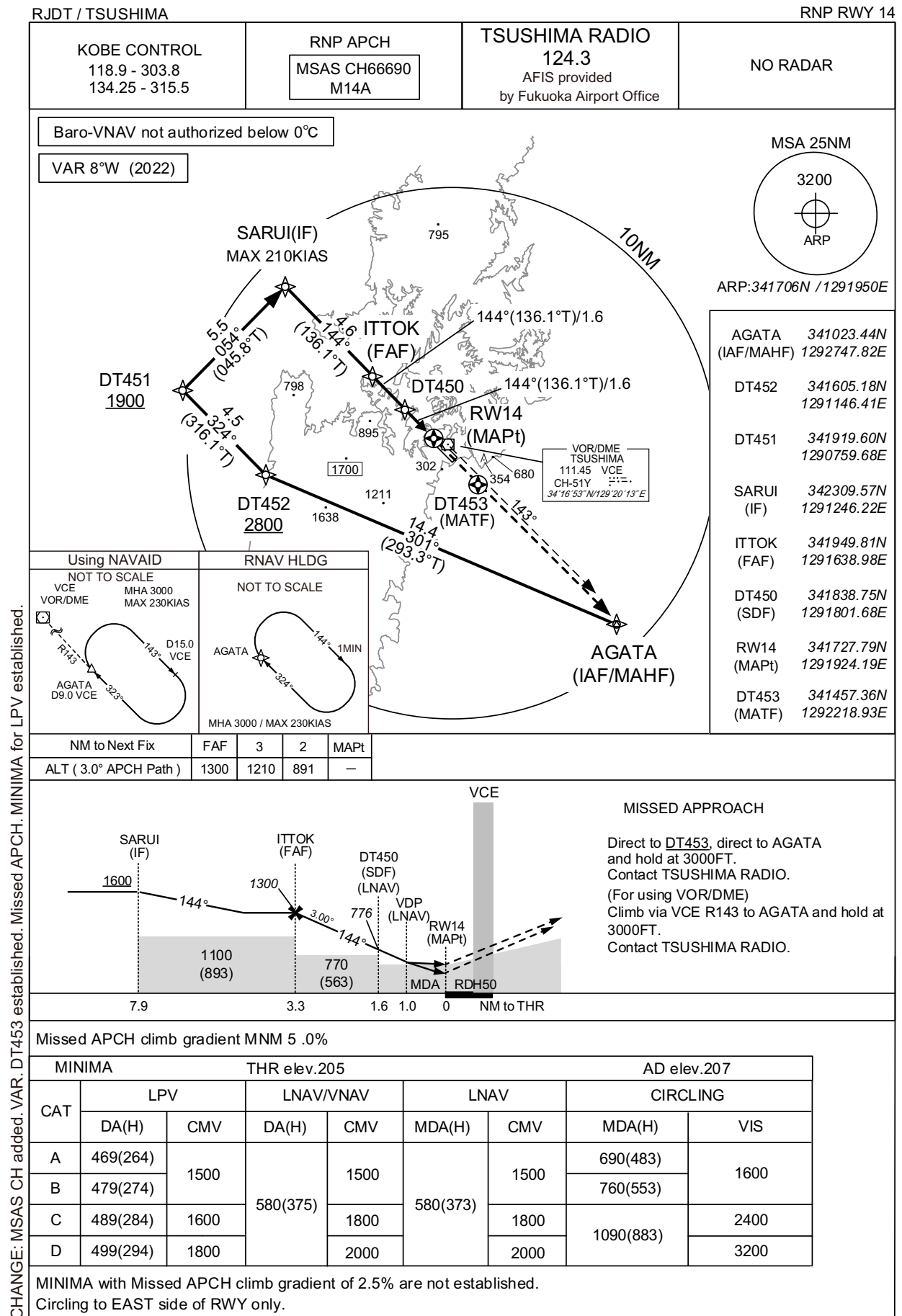
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00861 |
| SBAS service provider identifier | 2 | FPAP latitude | 341727.7595N |
| Airport identifier | RJDT | FPAP longitude | 1291924.2050E |
| 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

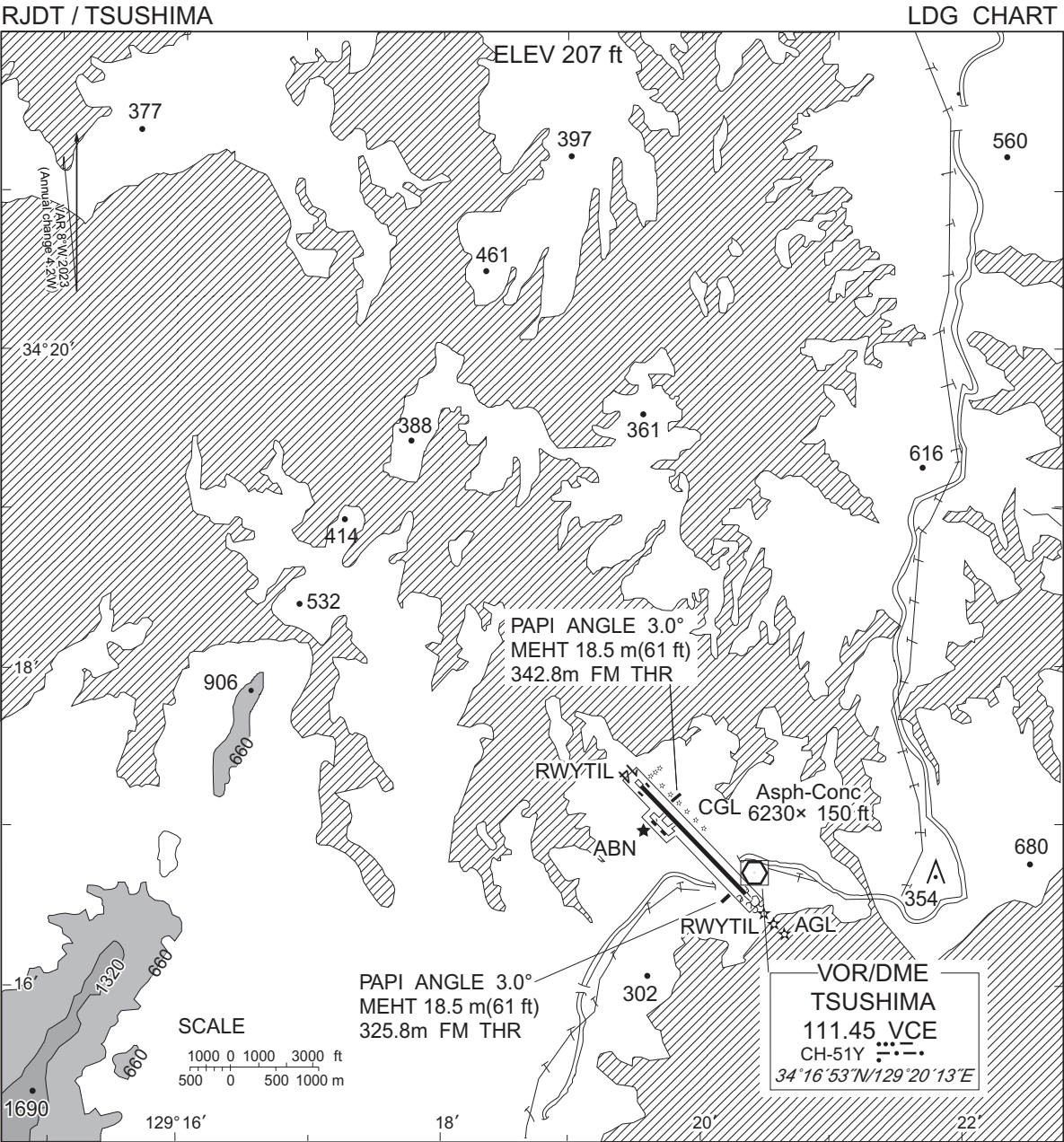
Visual REP



※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 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

