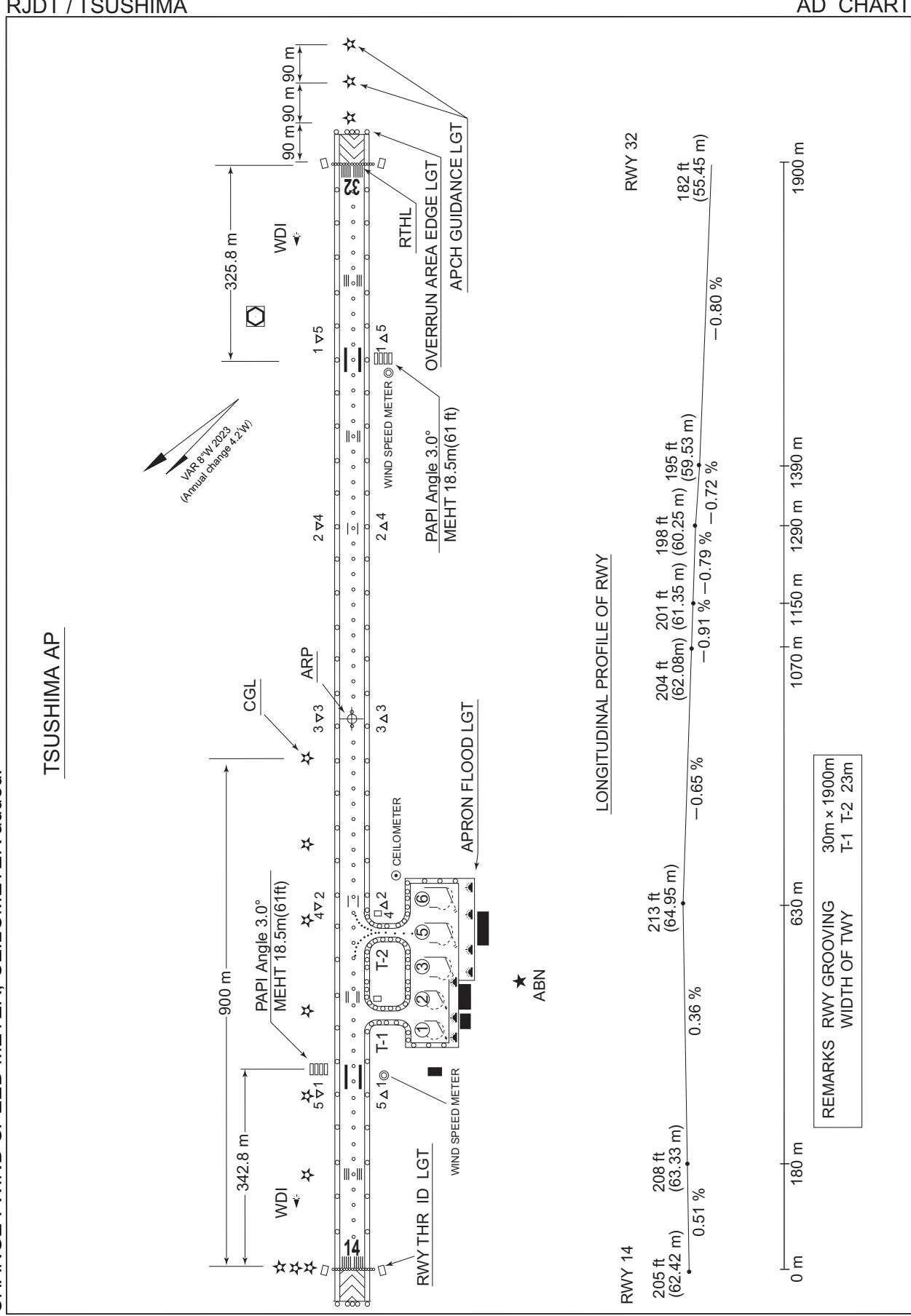


CHANGE : WIND SPEED METER, CEILOMETER added.

TSUSHIMA AP



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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°,...

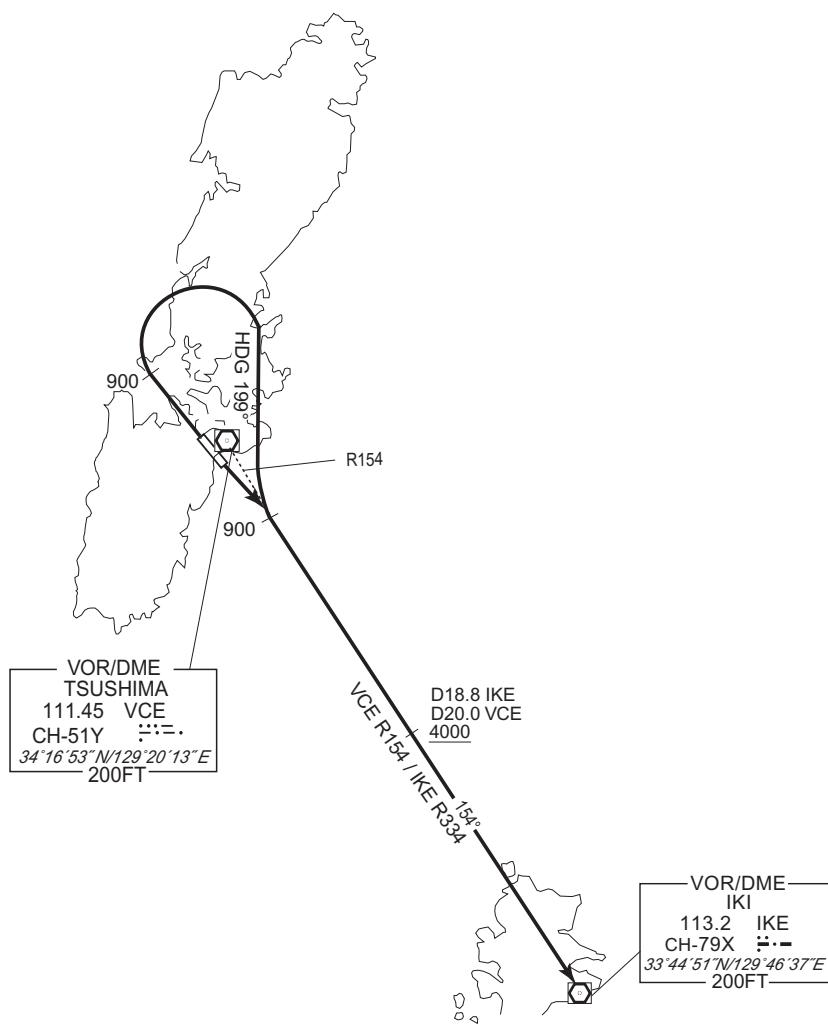
...to intercept and proceed via VCE R154/IKE R334 to IKE VOR/DME.

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.

CHANGE : LAGER FOUR DEPARTURE abolished.



STANDARD DEPARTURE CHART - INSTRUMENT

RJDT / TSUSHIMA

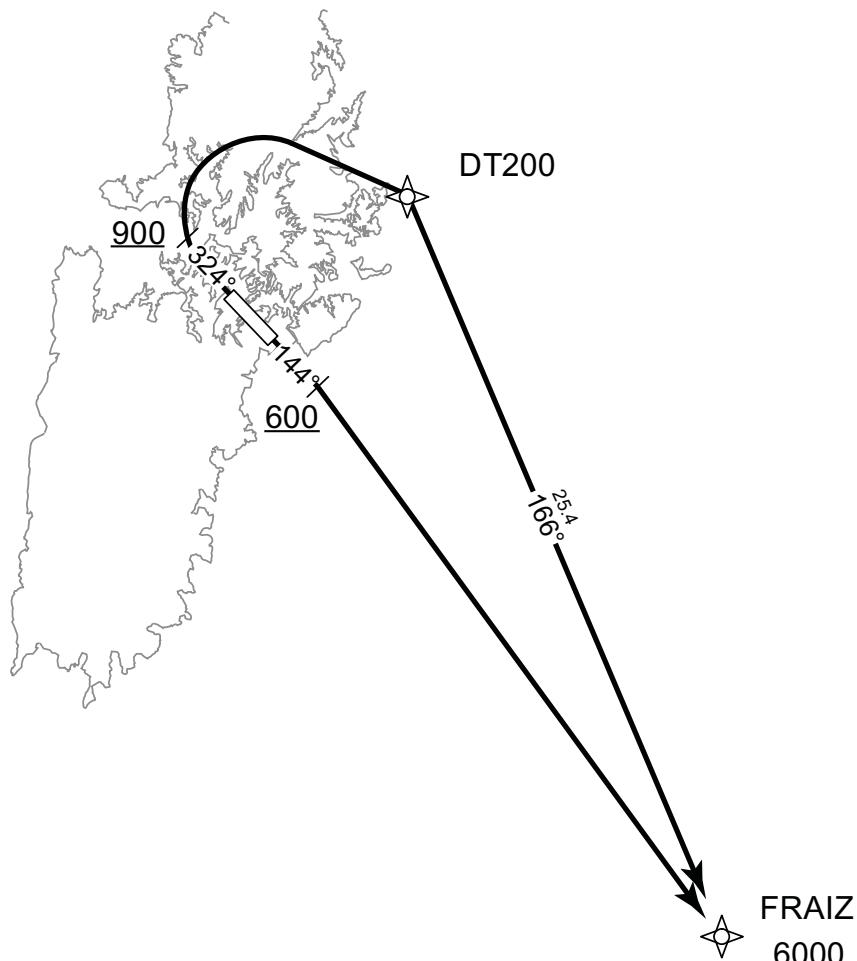
RNAV SID

FRAIZ ONE DEPARTURE

RNP1

Note GNSS required.

VAR 8°W



CHANGE : Latitude and longitude deleted.

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.

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 |

Waypoint Coordinates

| Waypoint Identifier | Coordinates |
|---------------------|------------------------|
| DT200 | 342114.7N / 1292521.1E |
| FRAIZ | 335748.9N / 1293707.1E |

CHANGE : Waypoint Coordinates added.

STANDARD ARRIVAL CHART - INSTRUMENT

RJDT / TSUSHIMA

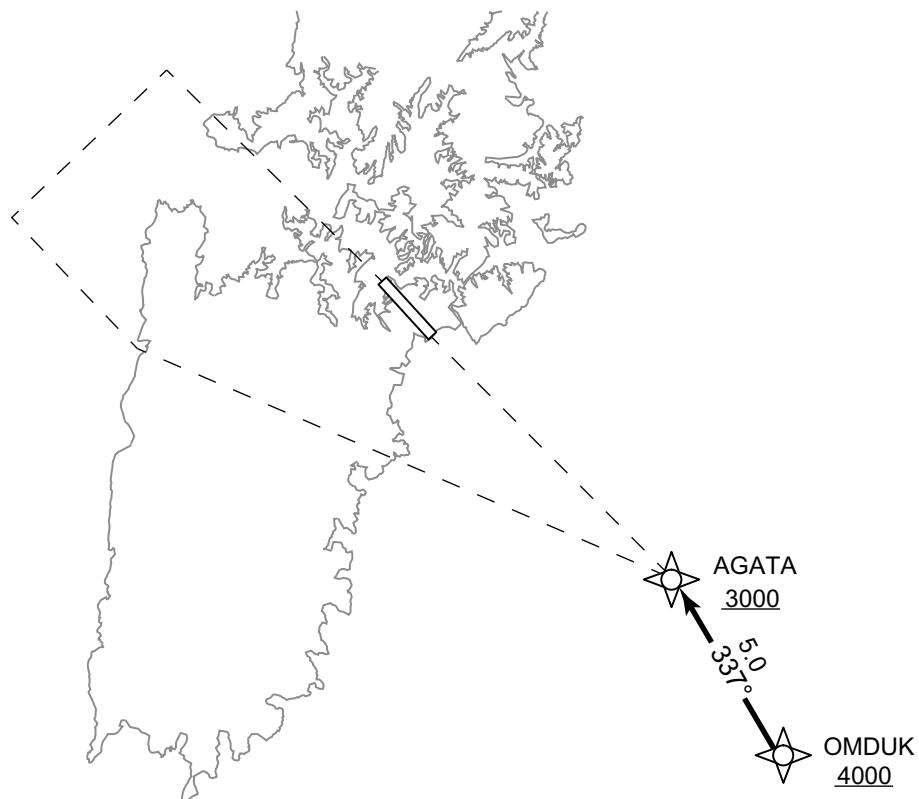
RNAV STAR

OMDUK ARRIVAL

RNP1

Note GNSS required.

VAR 8°W



From OMDUK at or above 4000FT, to AGATA 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 | OMDUK | — | — | -8.1 | — | — | +4000 | — | — | RNP1 |
| 002 | TF | AGATA | — | 337 (328.5) | -8.1 | 5.0 | — | +3000 | — | — | RNP1 |

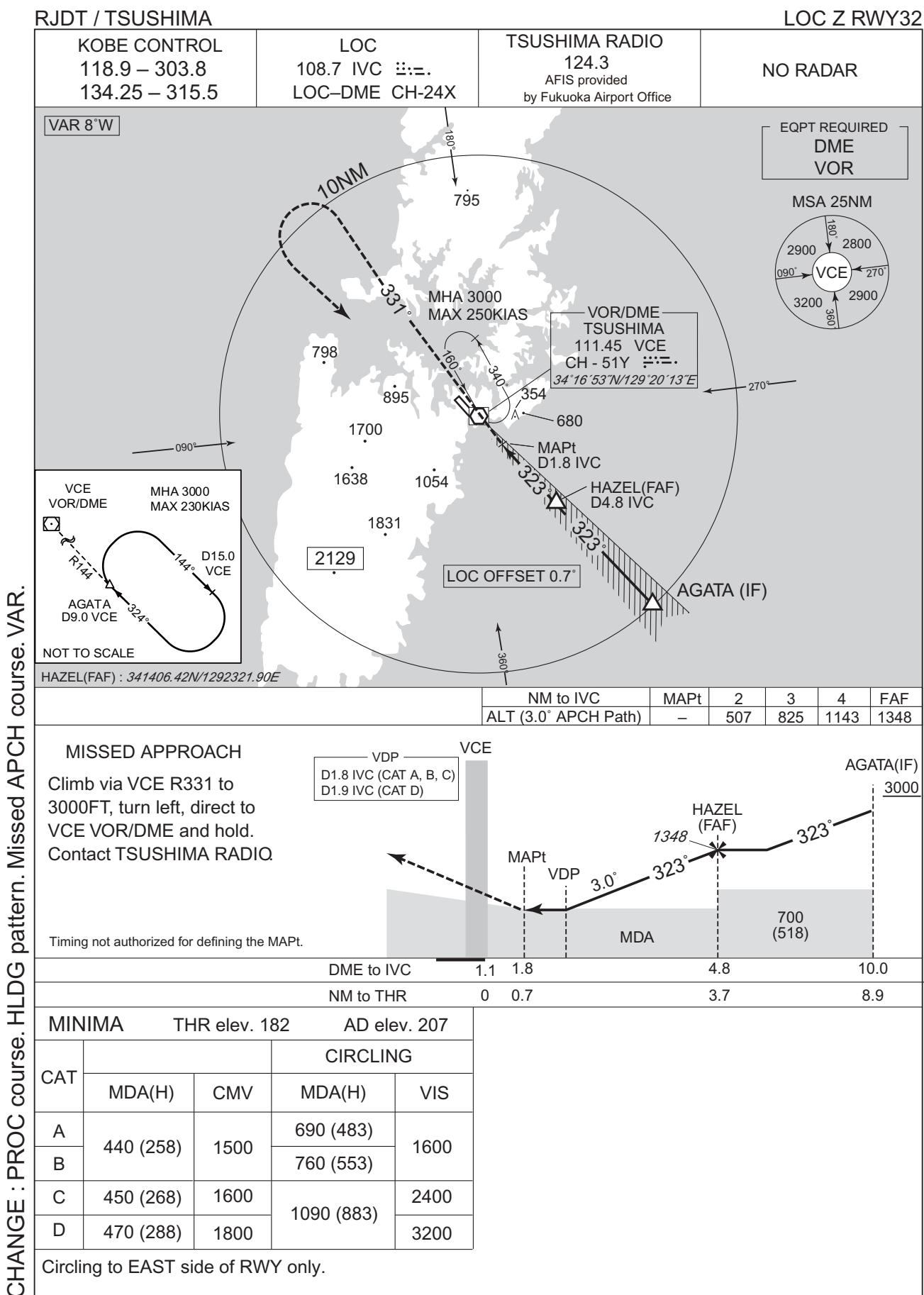
CHANGE : Waypoint Coordinates added.

Waypoint Coordinates

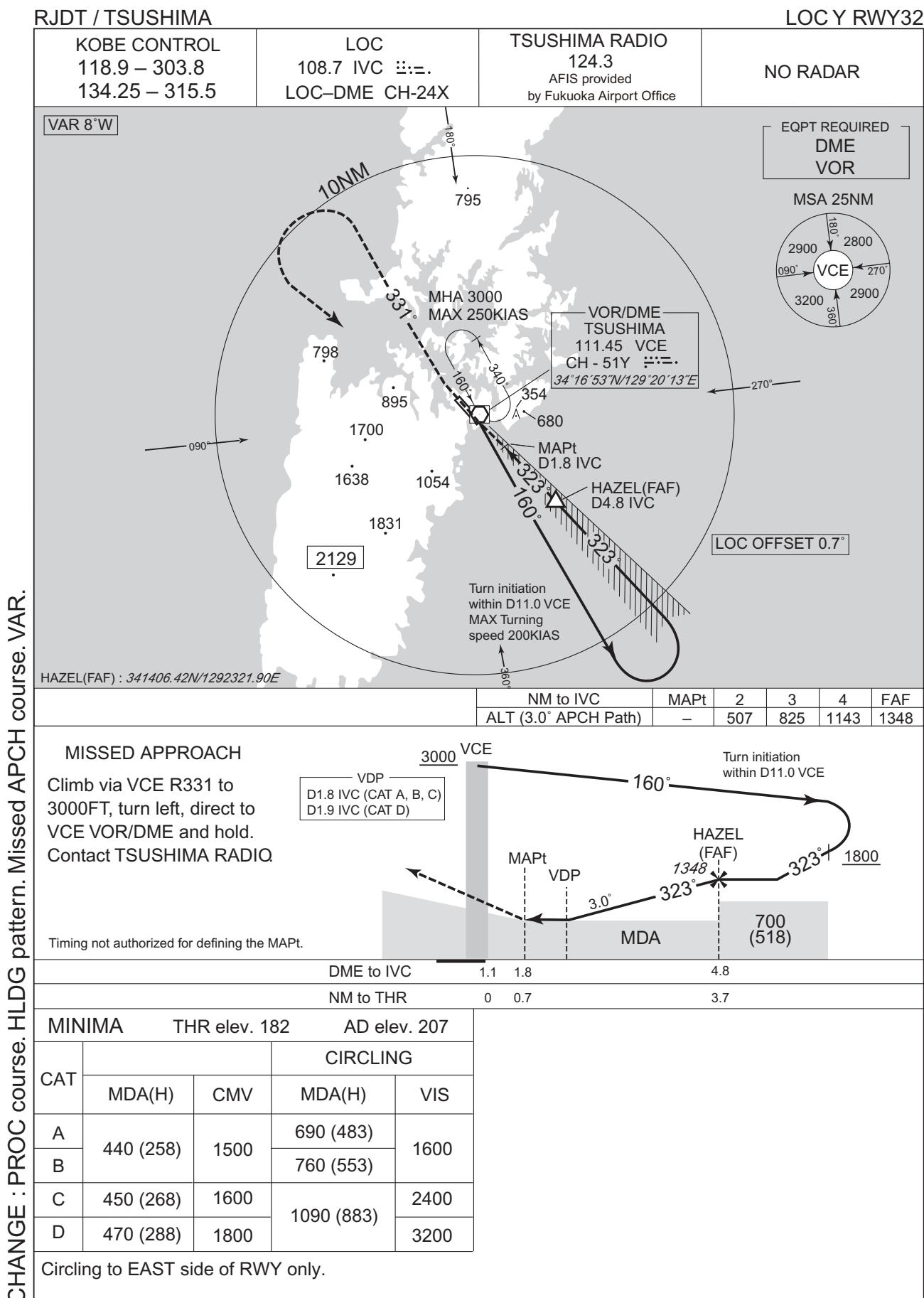
| Waypoint Identifier | Coordinates |
|---------------------|------------------------|
| OMDUK | 340607.4N / 1293057.4E |
| AGATA | 341023.4N / 1292747.8E |

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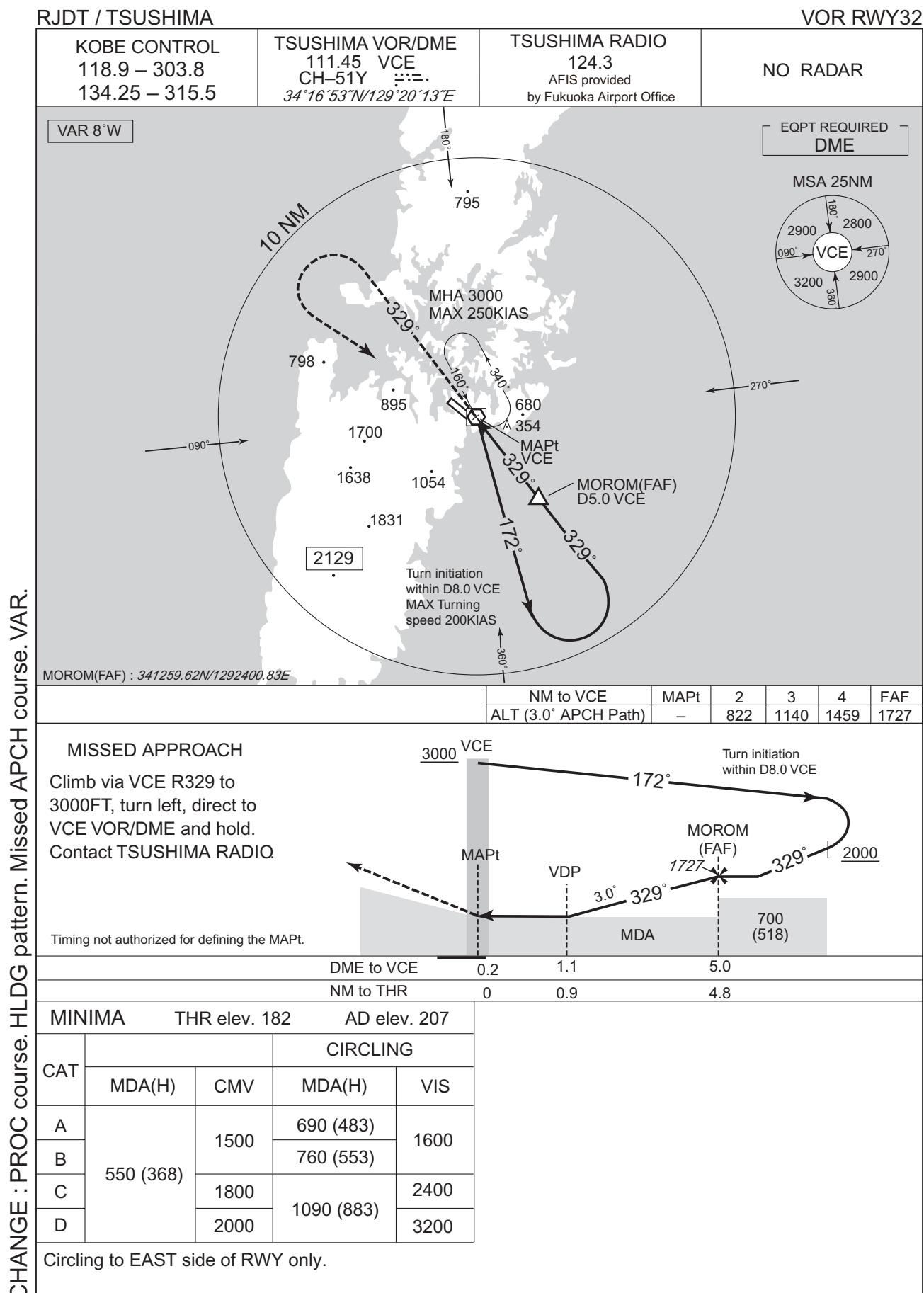
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



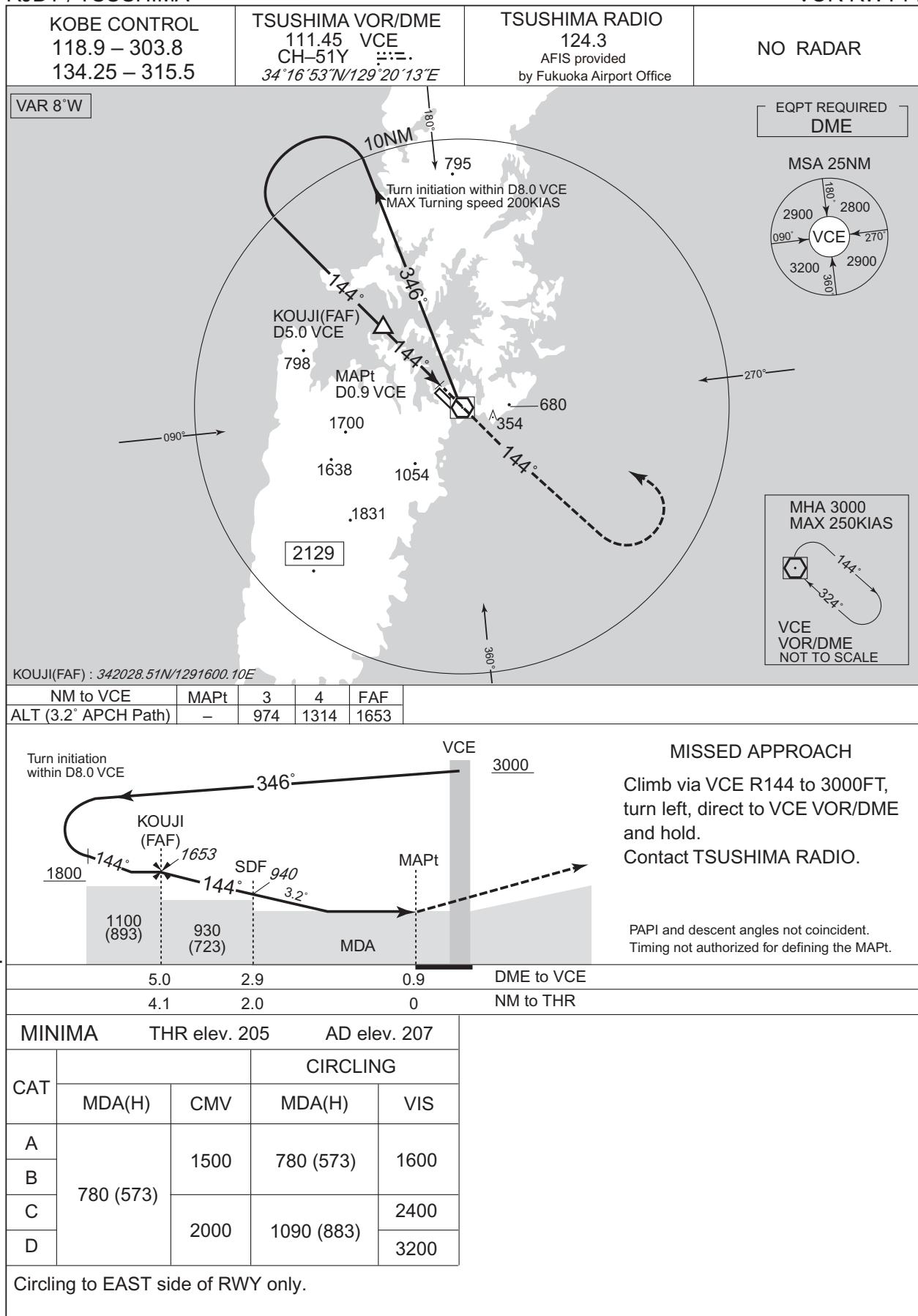
INSTRUMENT APPROACH CHART



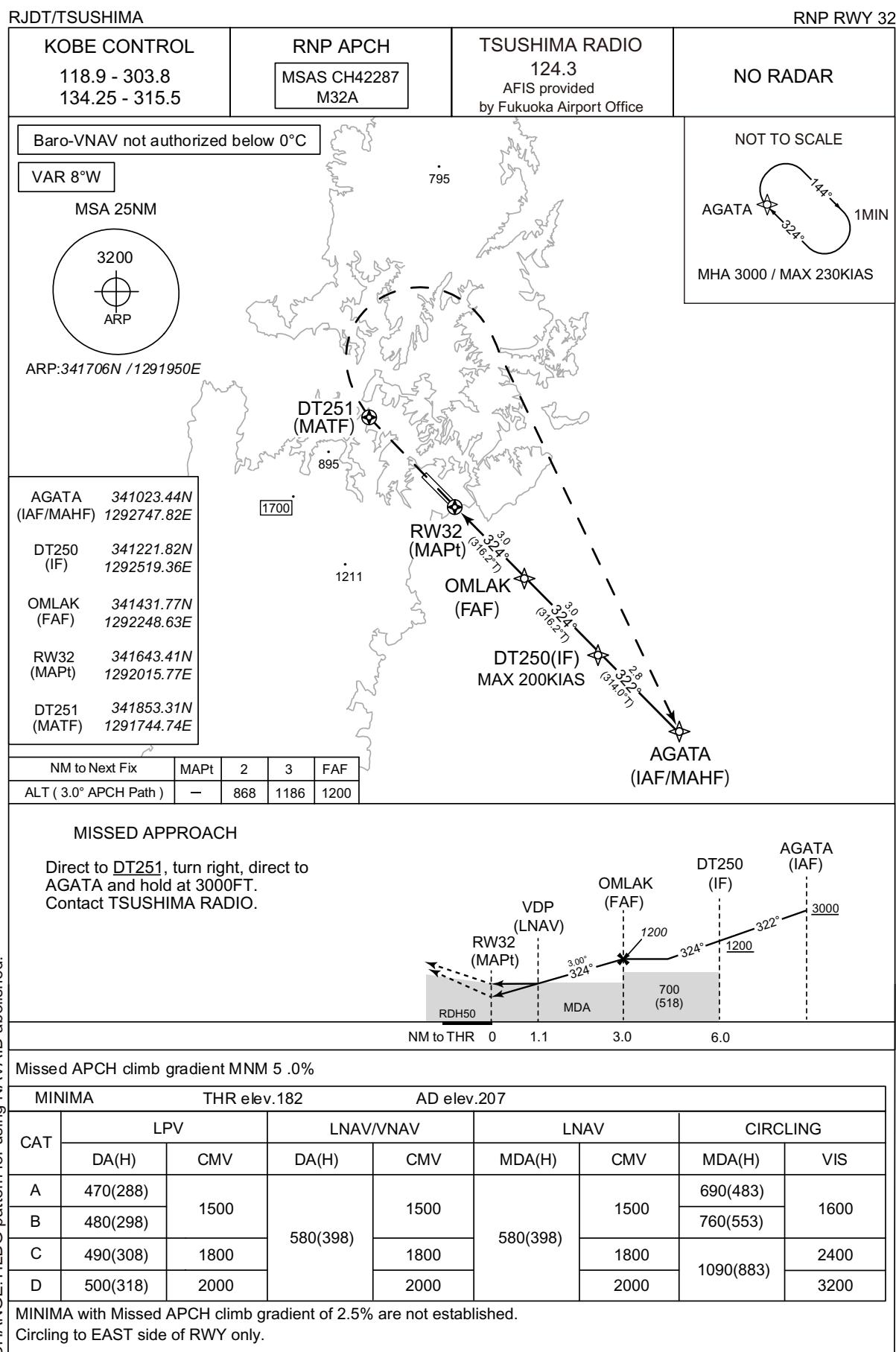
INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

VOR RWY14



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJDT / TSUSHIMA

RNP RW Y32

FAS DATA BLOCK

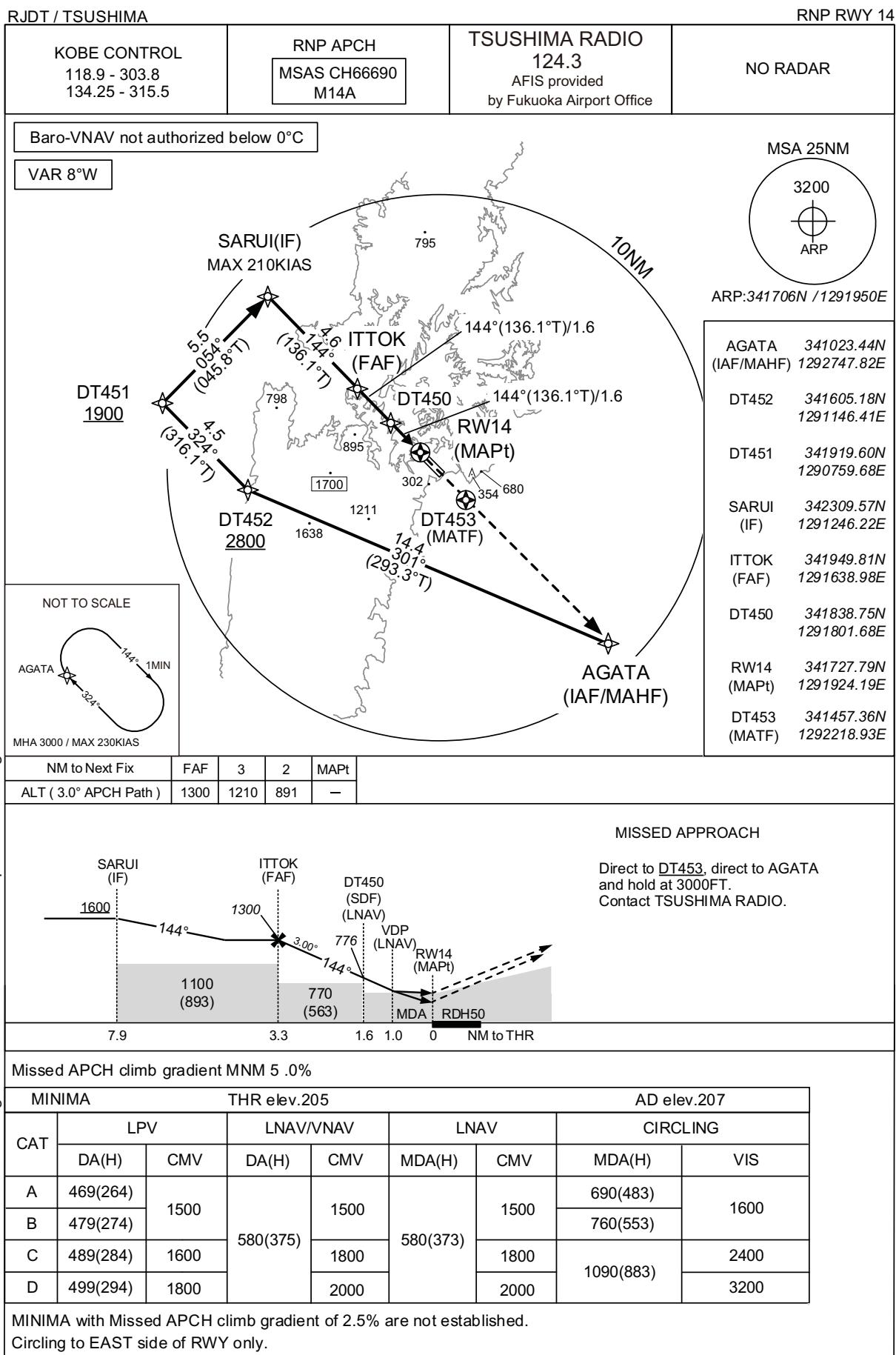
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00861 |
| SBAS service provider identifier | 2 | FPAP latitude | 341727.7595N |
| Airport identifier | RJDT | FPAP longitude | 1291924.2050E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

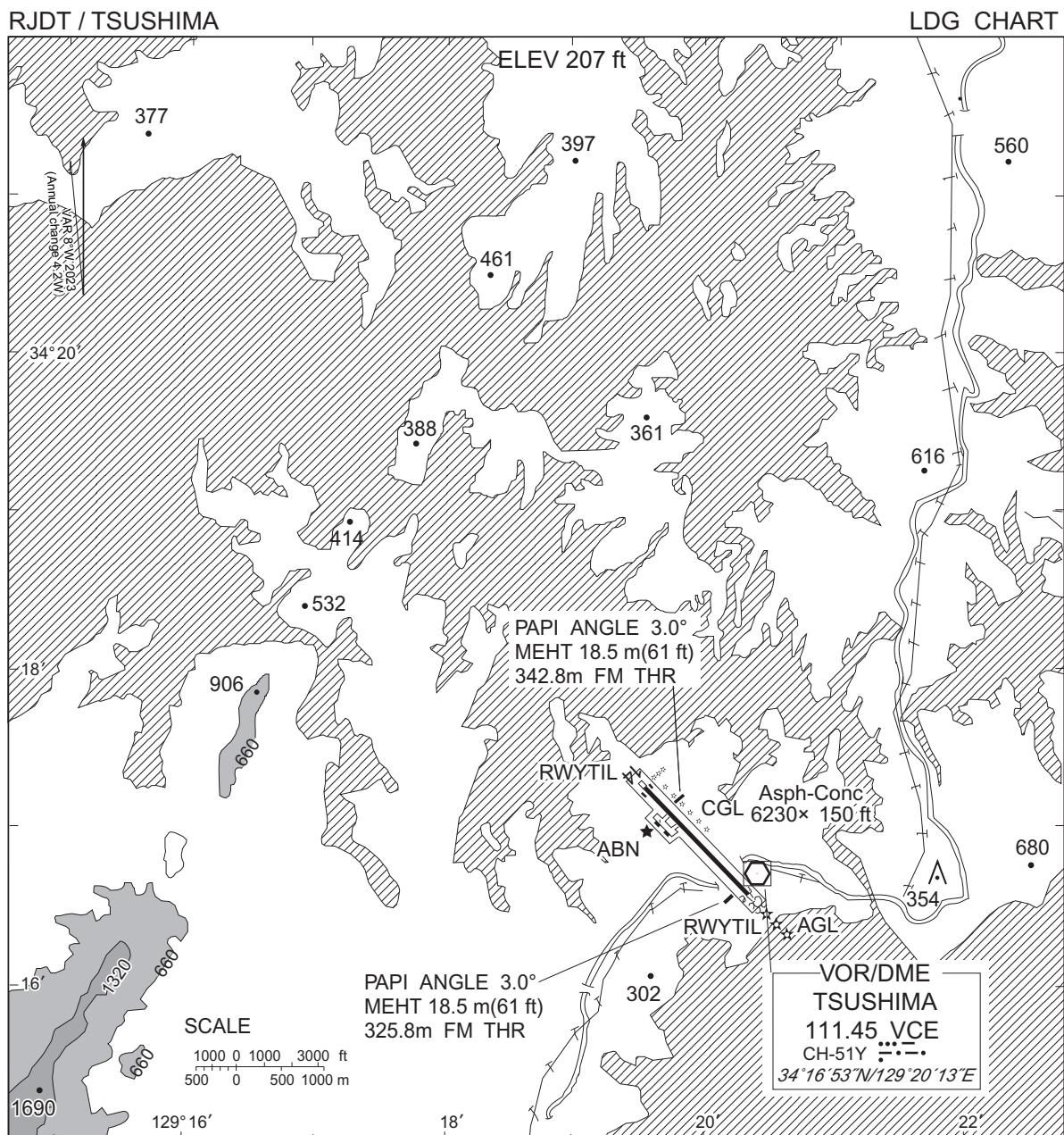
Visual REP



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



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Minimum Vectoring Altitude CHART

