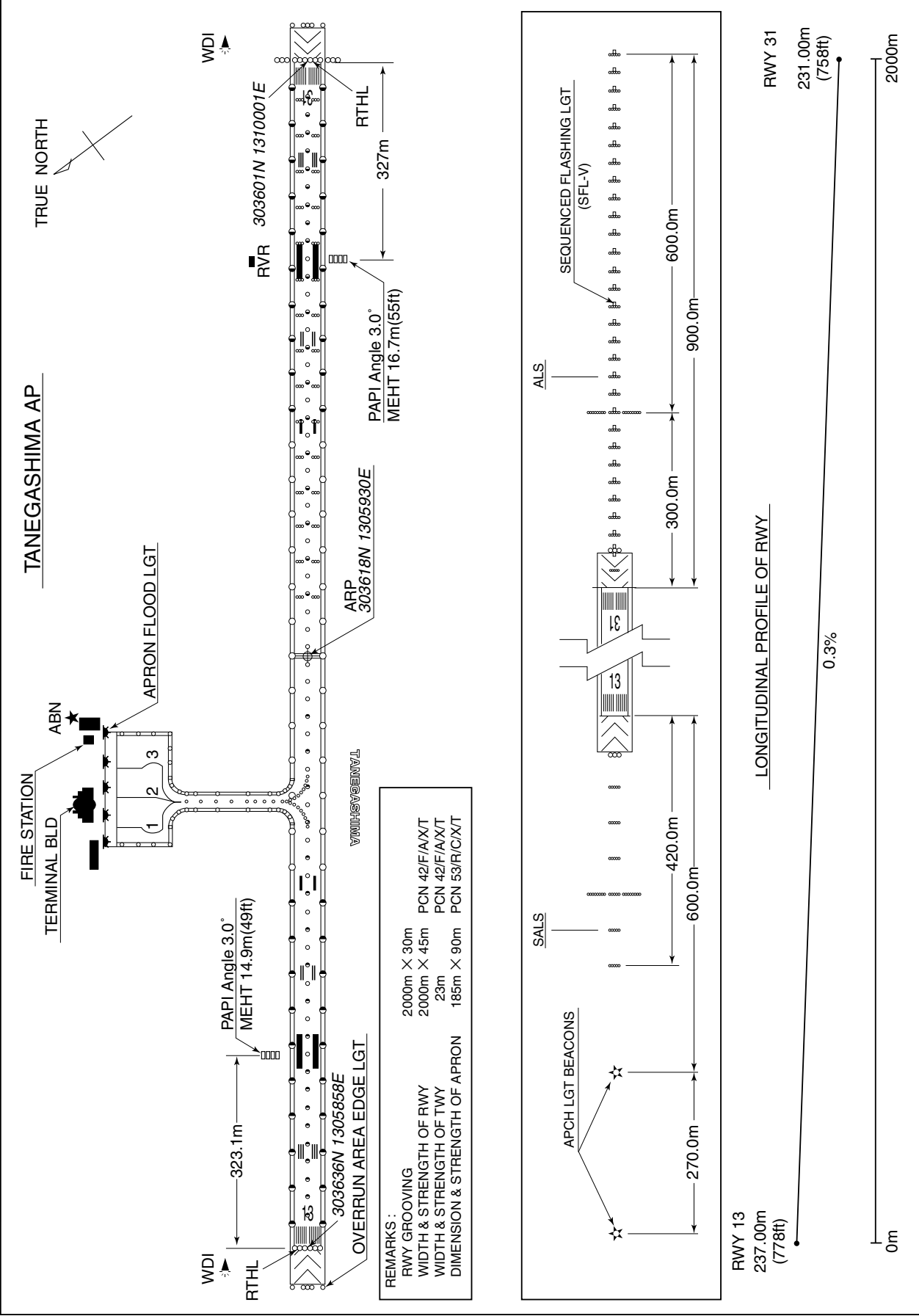


RJFG / TANEGASHIMA

AD CHART



**INTENTIONALLY LEFT BLANK**

STANDARD DEPARTURE CHART - INSTRUMENT

RJFG / TANEGASHIMA

SID

QUEEN TWO DEPARTURE

RWY13: Climb RWY HDG until 1NM from RWY end/TGE 1.5DME, turn left,...

RWY31: Climb RWY HDG until 1NM from RWY end/TGE 1.7DME, turn right,...

...Climb via TGE R-045 to QUEEN.  
Cross TGE R-045/27DME at or above 7,000ft, cross QUEEN at assigned altitude.

KINKO TWO DEPARTURE

RWY13: Climb RWY HDG until 1NM from RWY end/TGE 1.5DME, turn left,...

RWY31: Climb RWY HDG until 1NM from RWY end/TGE 1.7DME, turn right,...

...Climb via TGE R-349 to KINKO.  
Cross TGE R-349/19DME at or above 6,000ft.

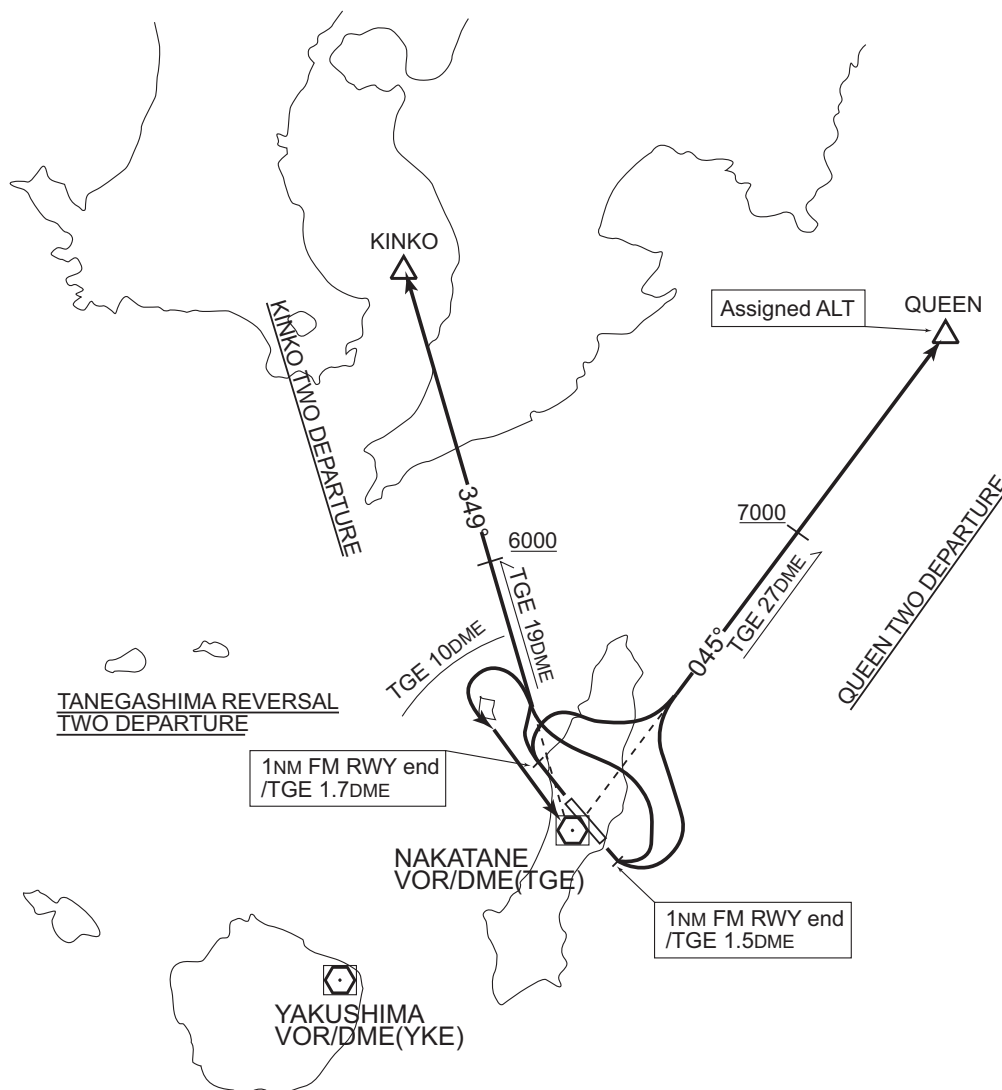
TANEGASHIMA REVERSAL TWO DEPARTURE

RWY13: Climb RWY HDG until 1NM from RWY end/TGE 1.5DME, turn left,...

RWY31: Climb RWY HDG until 1NM from RWY end/TGE 1.7DME, turn right,...

...Climb via TGE R-349, then turn left proceed to TGE VOR/DME within TGE 10DME.

CHANGE: PROC renamed. Radial FM TGE.



STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

FREDY ONE RNAV DEPARTURE

Basic RNP1

Note GNSS required.

VAR 6°W (2011)



FREDY ONE RNAV DEPARTURE

RWY13 : Climb on HDG 129° at or above 1200FT, turn left direct to FREDY at or above 7000FT, to QUEEN.

RWY31 : Climb on HDG 309° at or above 1300FT, turn right direct to FREDY at or above 7000FT, to QUEEN.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

FREDY ONE RNAV DEPARTURE

## RWY13

| Rcmd. Path Terminator | Fix ID (Waypoint Name) | Fly Over | Distance (NM) | MAG Track (TRUE Track) | Turn Direction | Altitude (FT) | Speed Limit (KIAS) | Vertical Angle | Navigation Performance |
|-----------------------|------------------------|----------|---------------|------------------------|----------------|---------------|--------------------|----------------|------------------------|
| VA                    | —                      | —        | —             | 129°<br>(122.9°)       | —              | +1200         | —                  | —              | Basic RNP1             |
| DF                    | FREDY                  | —        | —             | —                      | L              | +7000         | —                  | —              | Basic RNP1             |
| TF                    | QUEEN                  | —        | 24.9          | 044°<br>(038.0°)       | —              | —             | —                  | —              | Basic RNP1             |

## RWY31

| Rcmd. Path Terminator | Fix ID (Waypoint Name) | Fly Over | Distance (NM) | MAG Track (TRUE Track) | Turn Direction | Altitude (FT) | Speed Limit (KIAS) | Vertical Angle | Navigation Performance |
|-----------------------|------------------------|----------|---------------|------------------------|----------------|---------------|--------------------|----------------|------------------------|
| VA                    | —                      | —        | —             | 309°<br>(302.9°)       | —              | +1300         | —                  | —              | Basic RNP1             |
| DF                    | FREDY                  | —        | —             | —                      | R              | +7000         | —                  | —              | Basic RNP1             |
| TF                    | QUEEN                  | —        | 24.9          | 044°<br>(038.0°)       | —              | —             | —                  | —              | Basic RNP1             |

## STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV TRANSITION



STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID



## STANDARD DEPARTURE CHART -INSTRUMENT

RJFG / TANEGASHIMA

RNAV SID

KAGYA ONE RNAV DEPARTURE

## RWY13

| Rcmd. Path Terminator | Fix ID (Waypoint Name) | Fly Over | Distance (NM) | MAG Track (TRUE Track) | Turn Direction | Altitude (FT) | Speed Limit (KIAS) | Vertical Angle | Navigation Performance |
|-----------------------|------------------------|----------|---------------|------------------------|----------------|---------------|--------------------|----------------|------------------------|
| VA                    | —                      | —        | —             | 129°<br>(122.9°)       | —              | +1200         | —                  | —              | Basic RNP1             |
| DF                    | KAGYA                  | —        | —             | —                      | L              | —             | —                  | —              | Basic RNP1             |
| TF                    | FG801                  | —        | 8.3           | 348°<br>(342.4°)       | —              | +6000         | —                  | —              | Basic RNP1             |
| TF                    | KINKO                  | —        | 25.7          | 348°<br>(342.3°)       | —              | —             | —                  | —              | Basic RNP1             |

## RWY31

| Rcmd. Path Terminator | Fix ID (Waypoint Name) | Fly Over | Distance (NM) | MAG Track (TRUE Track) | Turn Direction | Altitude (FT) | Speed Limit (KIAS) | Vertical Angle | Navigation Performance |
|-----------------------|------------------------|----------|---------------|------------------------|----------------|---------------|--------------------|----------------|------------------------|
| VA                    | —                      | —        | —             | 309°<br>(302.9°)       | —              | +1300         | —                  | —              | Basic RNP1             |
| DF                    | KAGYA                  | —        | —             | —                      | R              | —             | —                  | —              | Basic RNP1             |
| TF                    | FG801                  | —        | 8.3           | 348°<br>(342.4°)       | —              | +6000         | —                  | —              | Basic RNP1             |
| TF                    | KINKO                  | —        | 25.7          | 348°<br>(342.3°)       | —              | —             | —                  | —              | Basic RNP1             |



STANDARD ARRIVAL CHART - INSTRUMENT

RJFG / TANEGASHIMA

STAR

KAGYA ARRIVAL

From over TEPPPO, proceed via TGE 12DME counterclockwise ARC to KAGYA.  
Cross KAGYA at or above 6,000ft.

CHANGE: Radial FM TGE. Bearing on HOLD Pattern.

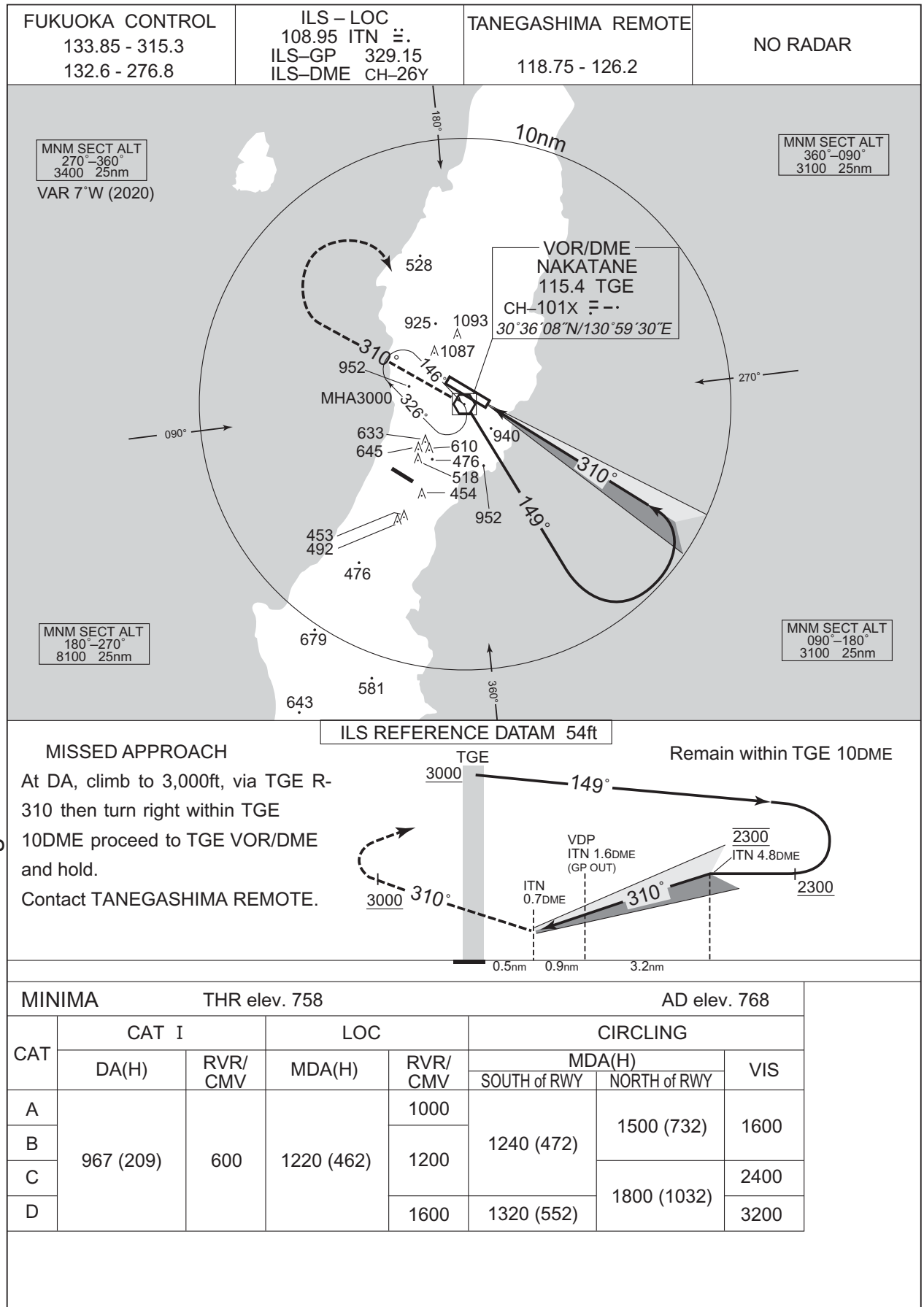


**INTENTIONALLY LEFT BLANK**

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

VOR/DME/ILS RWY31

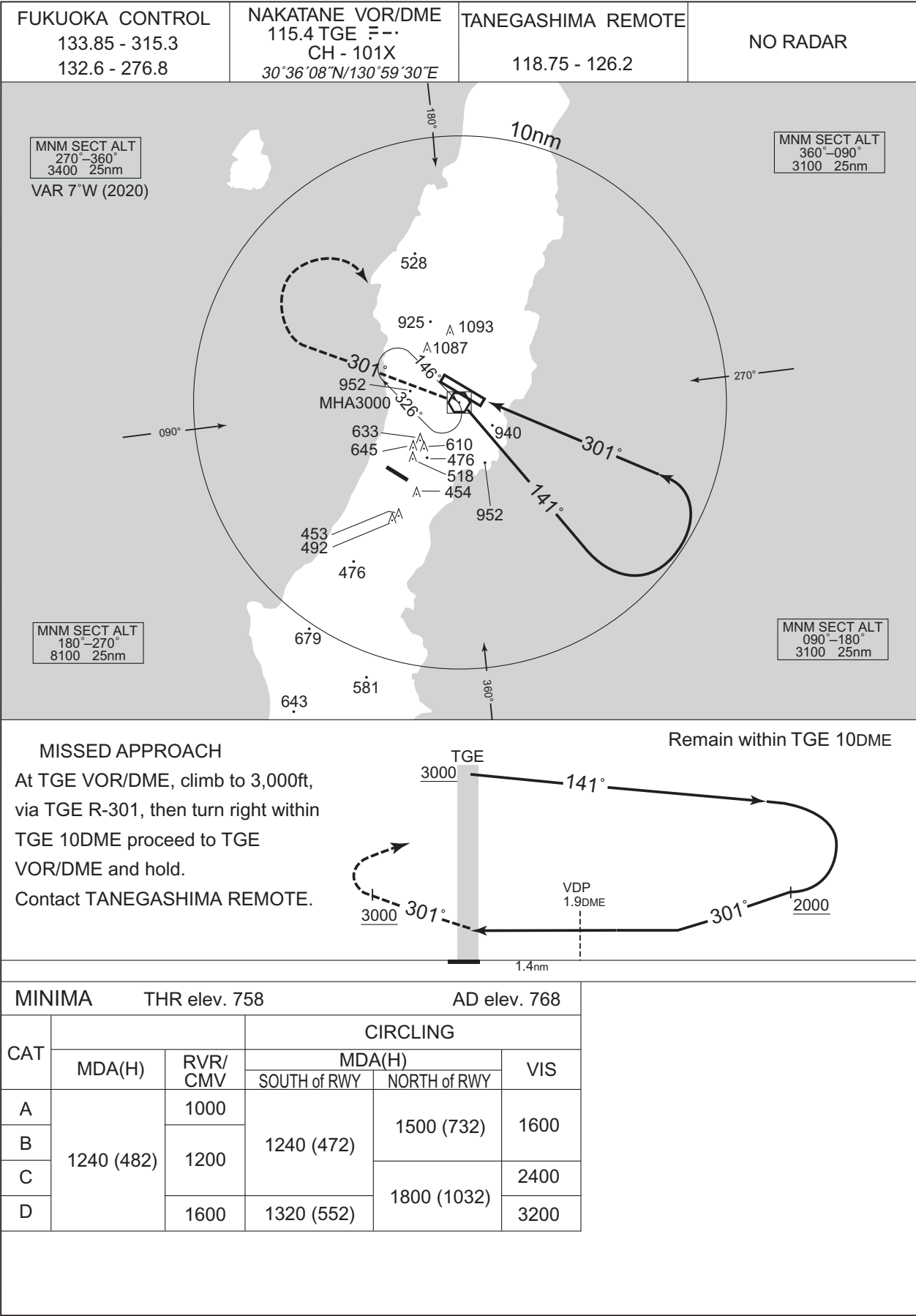


CHANGE: VAR. Radial FM TGE. Bearing on HOLD Pattern.

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

VOR/DME RWY31

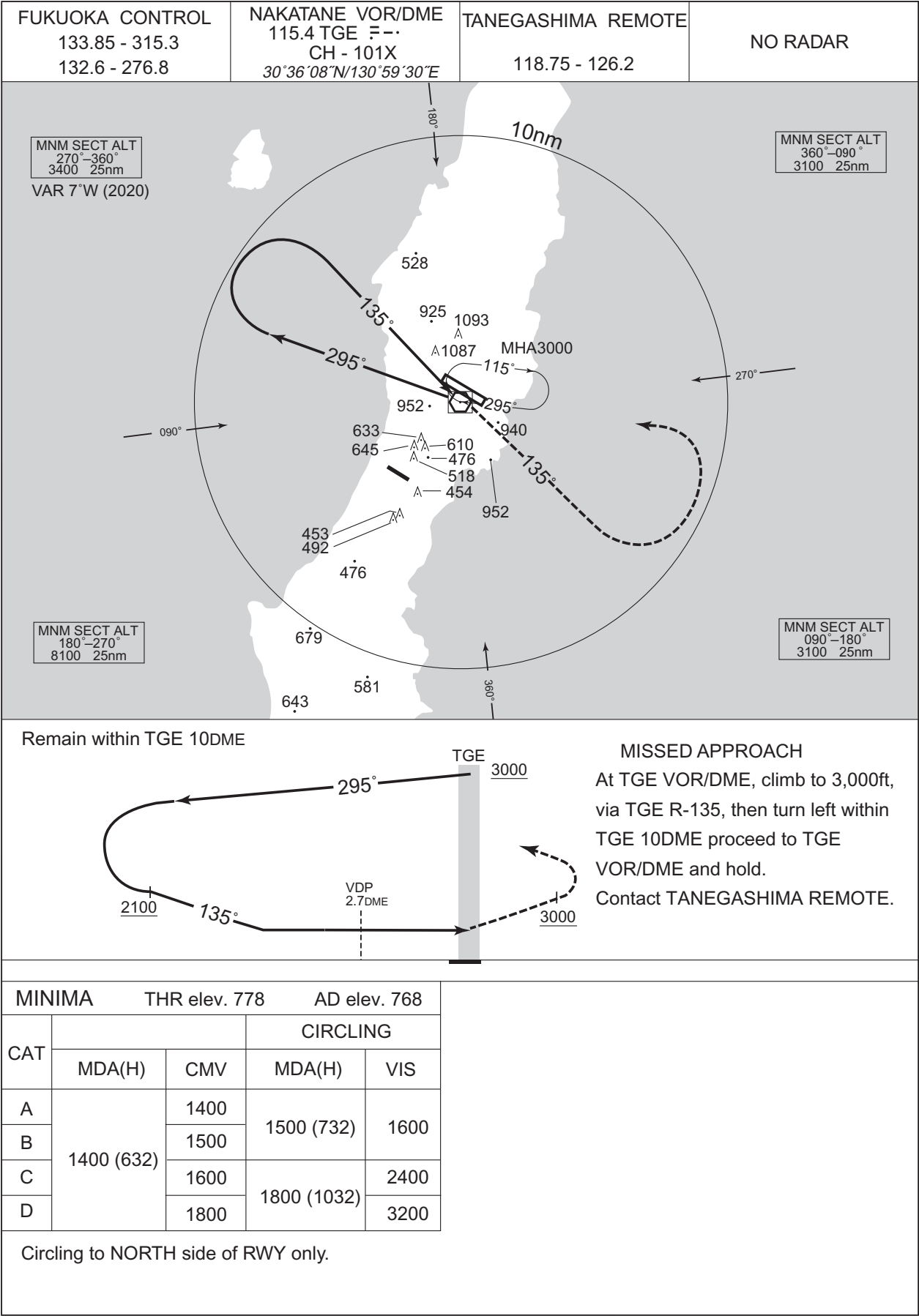


CHANGE: VAR. Radial FM TGE. Bearing on HOLD Pattern.

INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

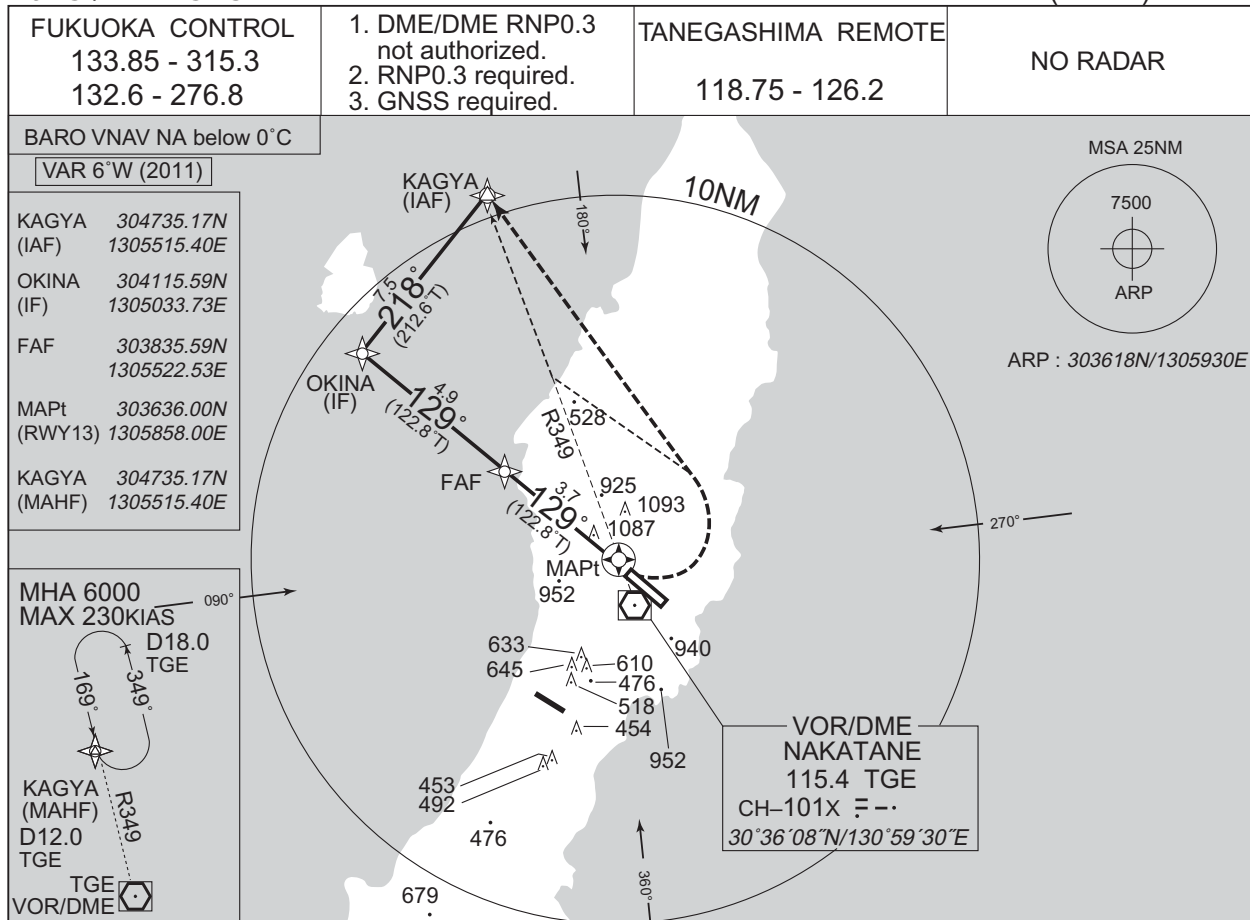
VOR/DME RWY13



## INSTRUMENT APPROACH CHART

RJFG / TANEGASHIMA

RNAV(GNSS) RWY13

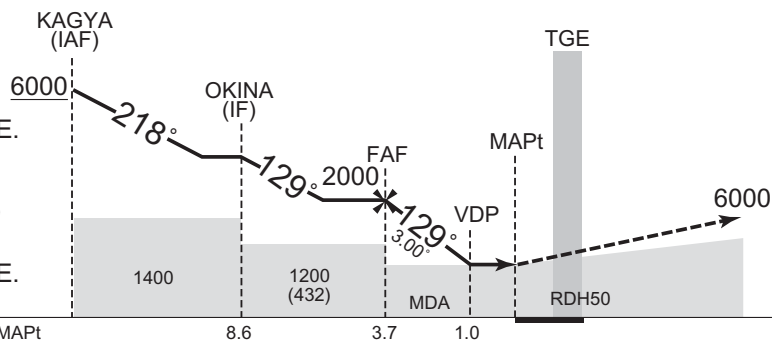


|                      |      |      |      |      |      |
|----------------------|------|------|------|------|------|
| NM to Next Fix       | FAF  | 3    | 2    | 1    | MAPt |
| ALT (3.0° APCH Path) | 2000 | 1782 | 1464 | 1145 | -    |

## MISSED APPROACH

Climb to 6000FT, direct to KAGYA and hold.  
Contact TANEGASHIMA REMOTE.

(For using VOR/DME)  
Climb to 6000FT, via TGE R349 to KAGYA and hold.  
Contact TANEGASHIMA REMOTE.



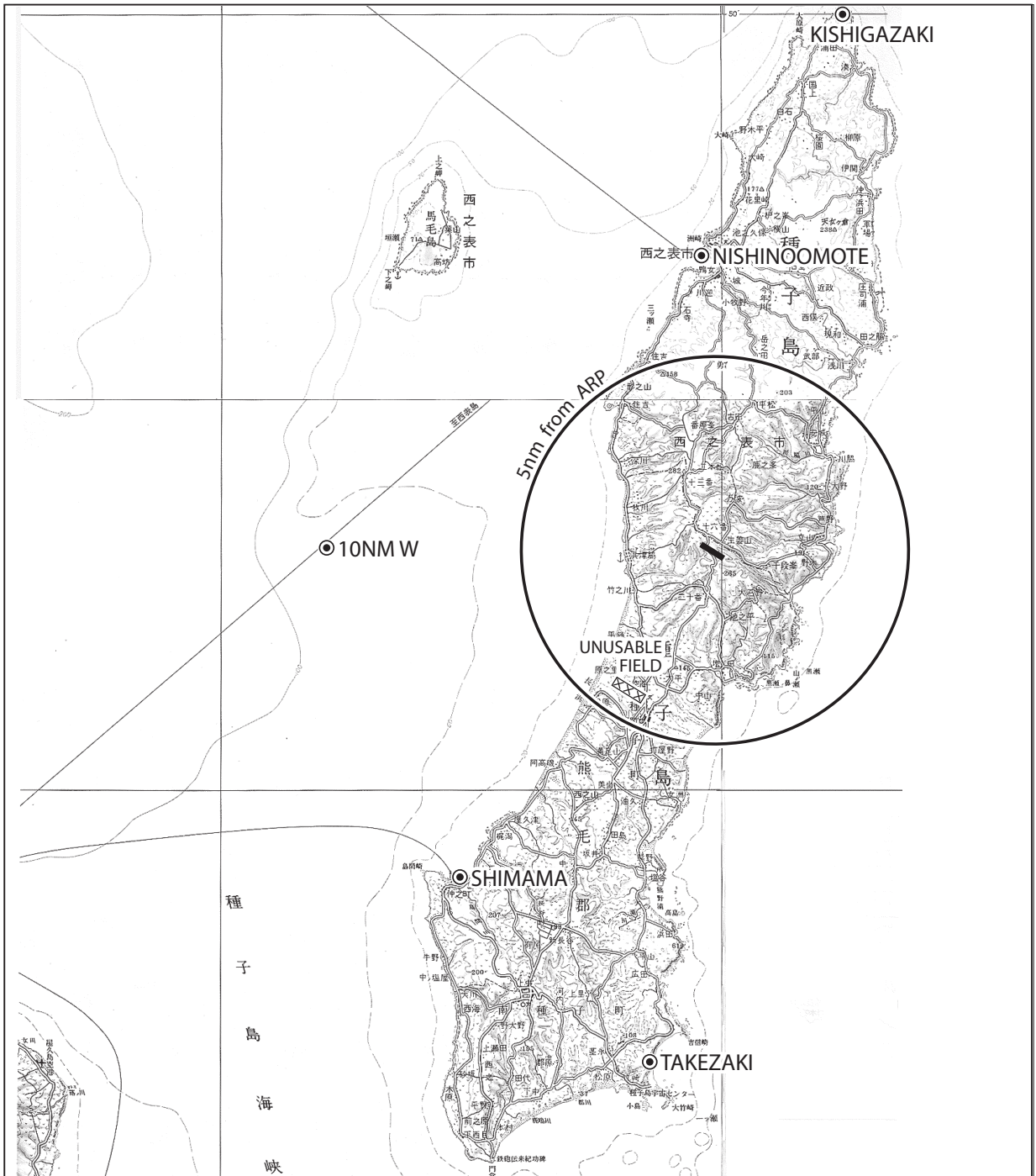
| MINIMA |            | THR elev. 778 |            | AD elev. 768 |             |      |
|--------|------------|---------------|------------|--------------|-------------|------|
| CAT    | LNAV/VNAV  |               | LNAV       |              | CIRCLING    |      |
|        | DA(H)      | CMV           | MDA(H)     | CMV          | MDA(H)      | VIS  |
| A      | 1140 (362) | 1200          | 1140 (372) | 1200         | 1500 (732)  | 1600 |
| B      |            | 1300          |            | 1300         |             |      |
| C      |            | 1400          |            | 1400         | 1800 (1032) | 2400 |
| D      |            | 1600          |            | 1600         |             |      |

Circling to NORTH side of RWY only.

CHANGE: Radial FM TGE. Bearing on HOLD Pattern.

RJFG / TANEGASHIMA

Visual REP



| Call sign           | BRG / DIST from ARP | Remarks            |
|---------------------|---------------------|--------------------|
| 喜志鹿崎<br>Kishigazaki | 014°/14.6NM         | 灯台<br>Lighthouse   |
| 西之表<br>Nishinoomote | 359°/ 7.5NM         | 西之表港<br>Harbor     |
| 10NM W              | 270°/10.0NM         | 海上<br>Over the sea |
| 島間<br>Shimama       | 219°/10.5NM         | 港<br>Harbor        |
| 竹崎<br>Takezaki      | 187°/12.9NM         | 灯台<br>Lighthouse   |

RJFG / TANEGASHIMA

Minimum Vectoring Altitude CHART



\*1 : 302013N/1302957E RADIUS : 10NM

CENTER: 303618N/1305930E (ARP)