

## AD CHART



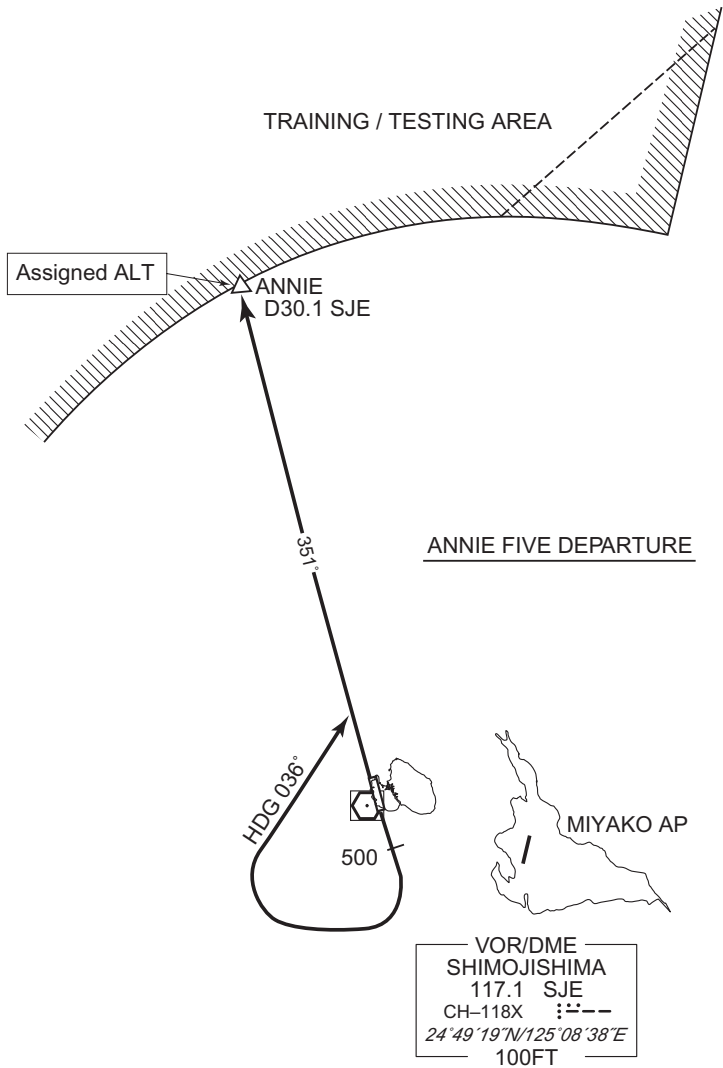
STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

ANNIE FIVE DEPARTURE

RWY17 : Climb RWY HDG to 500FT, turn right HDG036° to intercept and proceed ...  
RWY35 : Climb ...  
... via SJE R351 to ANNIE.  
Cross ANNIE at assigned altitude.  
Note RWY17 : 5.0% climb gradient required up to 500FT.  
OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.



CHANGE : PROC renamed. Note added.

## STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

BETTY FIVE DEPARTURE

RWY17 : Climb RWY HDG to 500FT ...

RWY35 : Climb RWY HDG to 500FT, turn left HDG 126° to intercept and proceed ...

... via SJE R171 to BETTY.

Cross BETTY at assigned altitude.

Note RWY17 : 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.



CHANGE : PROC renamed. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

SID

MIYAKOJIMA FOUR DEPARTURE

RWY17 : Climb RWY HDG to 500FT, turn left,...

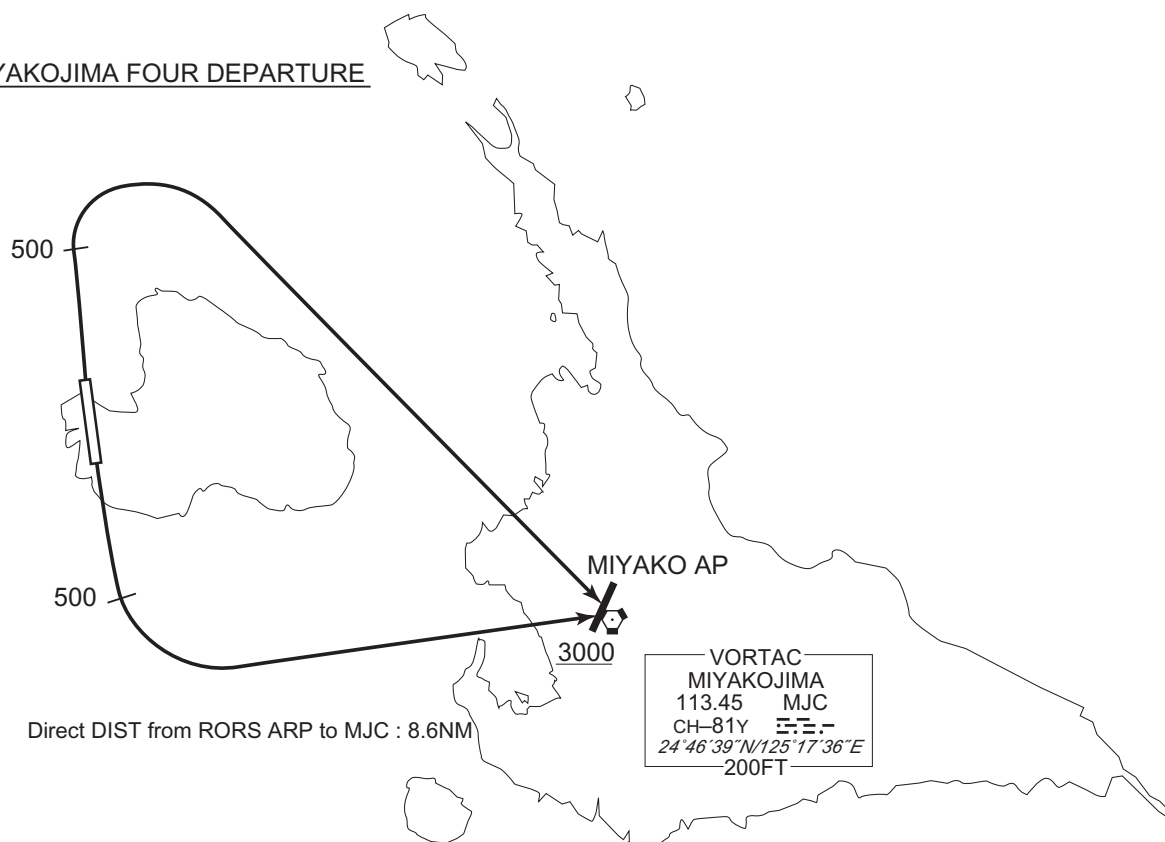
RWY35 : Climb RWY HDG to 500FT, turn right,...

...direct to MJC VORTAC. Cross MJC VORTAC at or above 3000FT.

Note RWY17 : 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.

MIYAKOJIMA FOUR DEPARTURE



CHANGE : PROC renamed. Note added.

STANDARD DEPARTURE CHART - INSTRUMENT

RORS / SHIMOJISHIMA

RNAV SID

FREED TWO DEPARTURE

Basic RNP1

Note GNSS required.



FREED TWO DEPARTURE

RWY17 : Climb on HDG171° at or above 500FT, turn left direct to RS700, to FREED.  
RWY35 : Climb on HDG351° at or above 500FT, turn right direct to FREED.

Note RWY17 : 5.0% climb gradient required up to 500FT.  
OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.

RWY17

| Serial Number | Path Descriptor | Way point Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|----------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | -                    | -        | 171 (166.1)   | -5.1               | -             | -              | +500          | -            | -              | Basic RNP1               |
| 002           | DF              | RS700                | -        | -             | -5.1               | -             | L              | -             | -            | -              | Basic RNP1               |
| 003           | TF              | FREED                | -        | 067 (062.4)   | -5.1               | 77.7          | -              | -             | -            | -              | Basic RNP1               |

RWY35

| Serial Number | Path Descriptor | Way point Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|----------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | -                    | -        | 351 (346.1)   | -5.1               | -             | -              | +500          | -            | -              | Basic RNP1               |
| 002           | DF              | FREED                | -        | -             | -5.1               | -             | R              | -             | -            | -              | Basic RNP1               |

CHANGE : PROC renamed. Navigation specification. Sensor for RNAV.

STANDARD ARRIVAL CHART - INSTRUMENT

RORS / SHIMOJISHIMA

STAR

ANNIE ARRIVAL

From over ANNIE, proceed via SJE R351 to DIANA.  
Cross DIANA at or above 1600FT.



## STANDARD ARRIVAL CHART - INSTRUMENT

RORS / SHIMOJISHIMA

STAR

BETTY ARRIVAL

From over BETTY, proceed via MJC R184 to intercept and proceed via SJE R169 to CHIMI.

Cross CHIMI at or above 1600FT.



INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

ILS Z or LOC Z RWY17



CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.



Missed APCH climb gradient MNM 3.0%

| MINIMA |           | THR elev. 15 |           | AD elev. 25 |           |      |
|--------|-----------|--------------|-----------|-------------|-----------|------|
| CAT    | CAT I     |              | LOC       |             | CIRCLING  |      |
|        | DA(H)     | RVR/<br>CMV  | MDA(H)    | RVR/<br>CMV | MDA(H)    | VIS  |
| A      | 240 (225) | 600          | 460 (445) | 900         | 510 (485) | 1600 |
| B      |           |              |           | 1000        |           |      |
| C      |           |              |           |             |           |      |
| D      |           |              |           | 1400        | 580 (555) | 3200 |

MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to WEST side of RWY only.



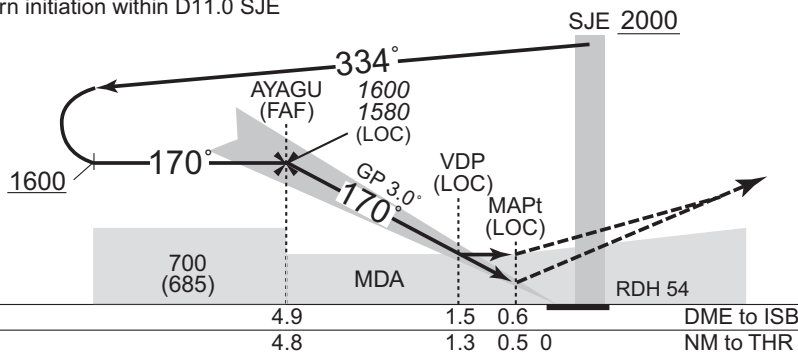
## INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

ILS Y or LOC Y RWY17



Turn initiation within D11.0 SJE



## MISSED APPROACH

Climb to 2000FT on HDG170°,  
turn right, direct to SJE  
VOR/DME and hold.  
Contact SAKISHIMA APP.

Timing not authorized for defining  
the MAPt.

Missed APCH climb gradient MNM 3.0%

| MINIMA |           | THR elev. 15 |           | AD elev. 25 |           |      |
|--------|-----------|--------------|-----------|-------------|-----------|------|
| CAT    | CAT I     |              | LOC       |             | CIRCLING  |      |
|        | DA(H)     | RVR/<br>CMV  | MDA(H)    | RVR/<br>CMV | MDA(H)    | VIS  |
| A      | 240 (225) | 600          | 460 (445) | 900         | 510 (485) | 1600 |
| B      |           |              |           | 1000        |           |      |
| C      |           |              |           |             |           | 1400 |
| D      |           |              |           |             |           | 1400 |

MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to WEST side of RWY only.

CHANGE : Call sign (REMOTE→RADIO). AFIS unit added.

## RORS / SHIMOJISHIMA

VOR RWY17



## INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

VOR RWY35

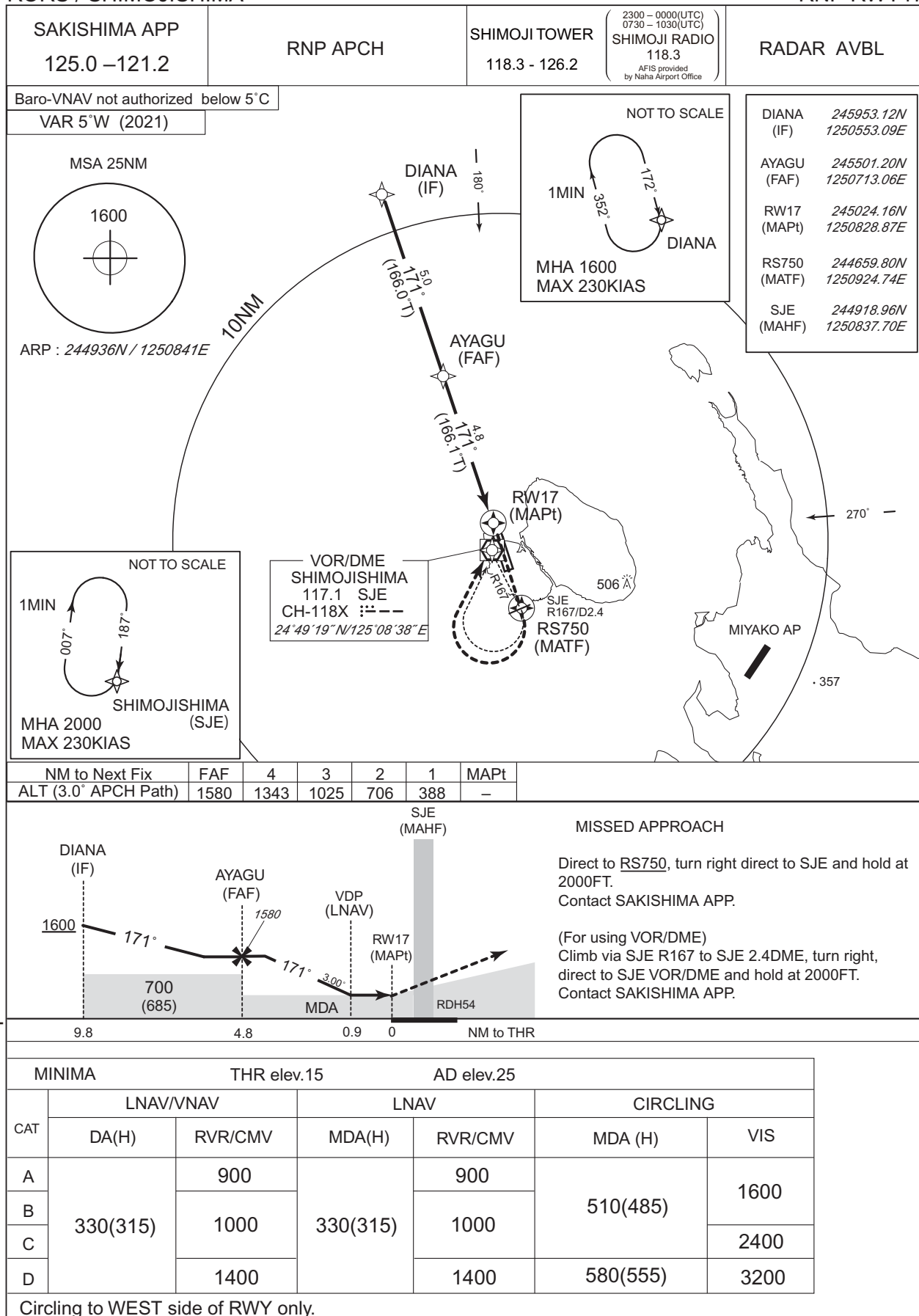


CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

RORS / SHIMOJISHIMA

RNP RWY17

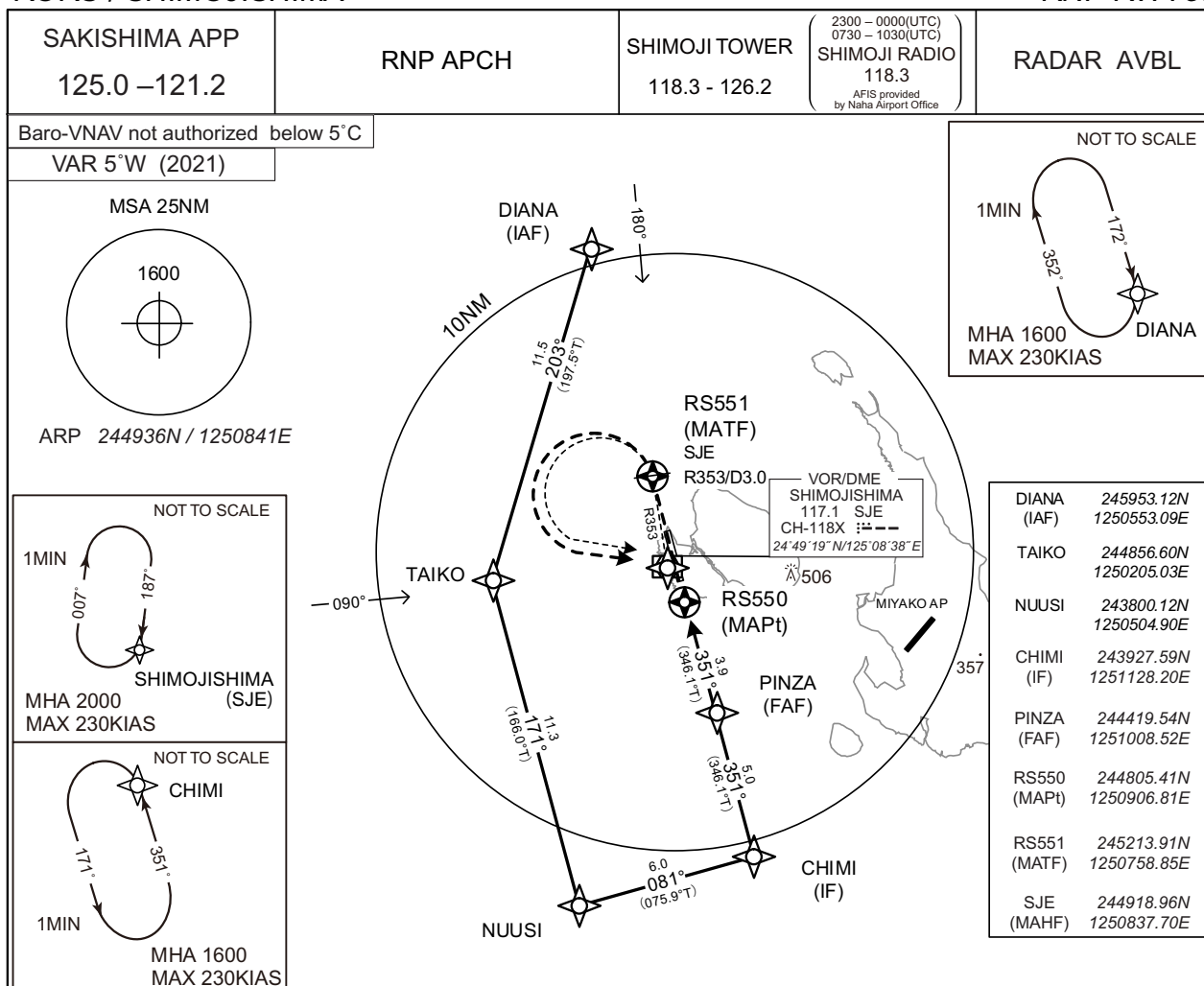


CHANGE:PROC renamed. Requirement for RNP.

## INSTRUMENT APPROACH CHART

## RORS / SHIMOJISHIMA

## RNP RWY35

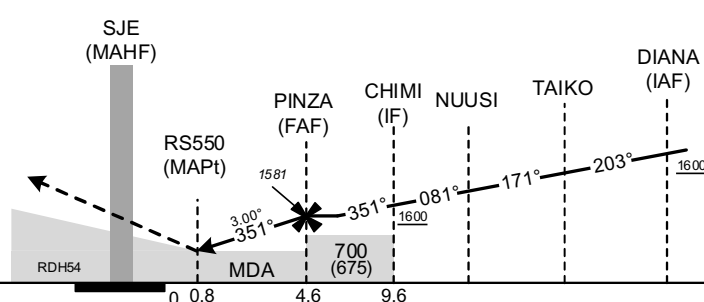


| MAPt | 1   | 2   | 3    | FAF  | NM to Next Fix       |
|------|-----|-----|------|------|----------------------|
| —    | 668 | 986 | 1305 | 1581 | ALT (3.0° APCH Path) |

## MISSED APPROACH

Direct to RS551, turn left direct to SJE and hold at 2000FT.  
Contact SAKISHIMA APP.

(For using VOR/DME)  
Climb via SJE R353 to SJE 3.0DME, turn left, direct to SJE VOR/DME and hold at 2000FT.  
Contact SAKISHIMA APP.



| MINIMA |           |         |          |         |          |      | THR elev.54 |      | AD elev.25 |  |
|--------|-----------|---------|----------|---------|----------|------|-------------|------|------------|--|
| CAT    | LNAV/VNAV |         | LNAV     |         | CIRCLING |      |             |      |            |  |
|        | DA(H)     | RVR/CMV | MDA(H)   | RVR/CMV | MDA (H)  | VIS  |             |      |            |  |
| A      | 350(296)  | 800     | 350(325) | 900     | 510(485) | 1600 |             |      |            |  |
| B      |           |         |          | 1000    |          |      |             |      |            |  |
| C      |           |         |          |         |          |      |             | 2400 |            |  |
| D      |           | 1200    |          | 1400    | 580(555) | 3200 |             |      |            |  |

Circling to WEST side of RWY only.

CHANGE:PROC renamed. Requirement for RNP.

RORS / SHIMOJISHIMA

Visual REP



CHANGE : Map updated. BRG/DIST from ARP.

※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).

| Call sign        | BRG / DIST from ARP | Remarks            |
|------------------|---------------------|--------------------|
| 池間島<br>Ikemajima | 040°T / 8.2NM       | 島<br>Island        |
| 9NM NW           | 290°T / 9.0NM       | 海上<br>Over the sea |
| 9NM SW           | 230°T / 9.0NM       | 海上<br>Over the sea |



RORS / SHIMOJISHIMA

LDG CHART



RORS / SHIMOJISHIMA

Minimum Vectoring Altitude CHART

