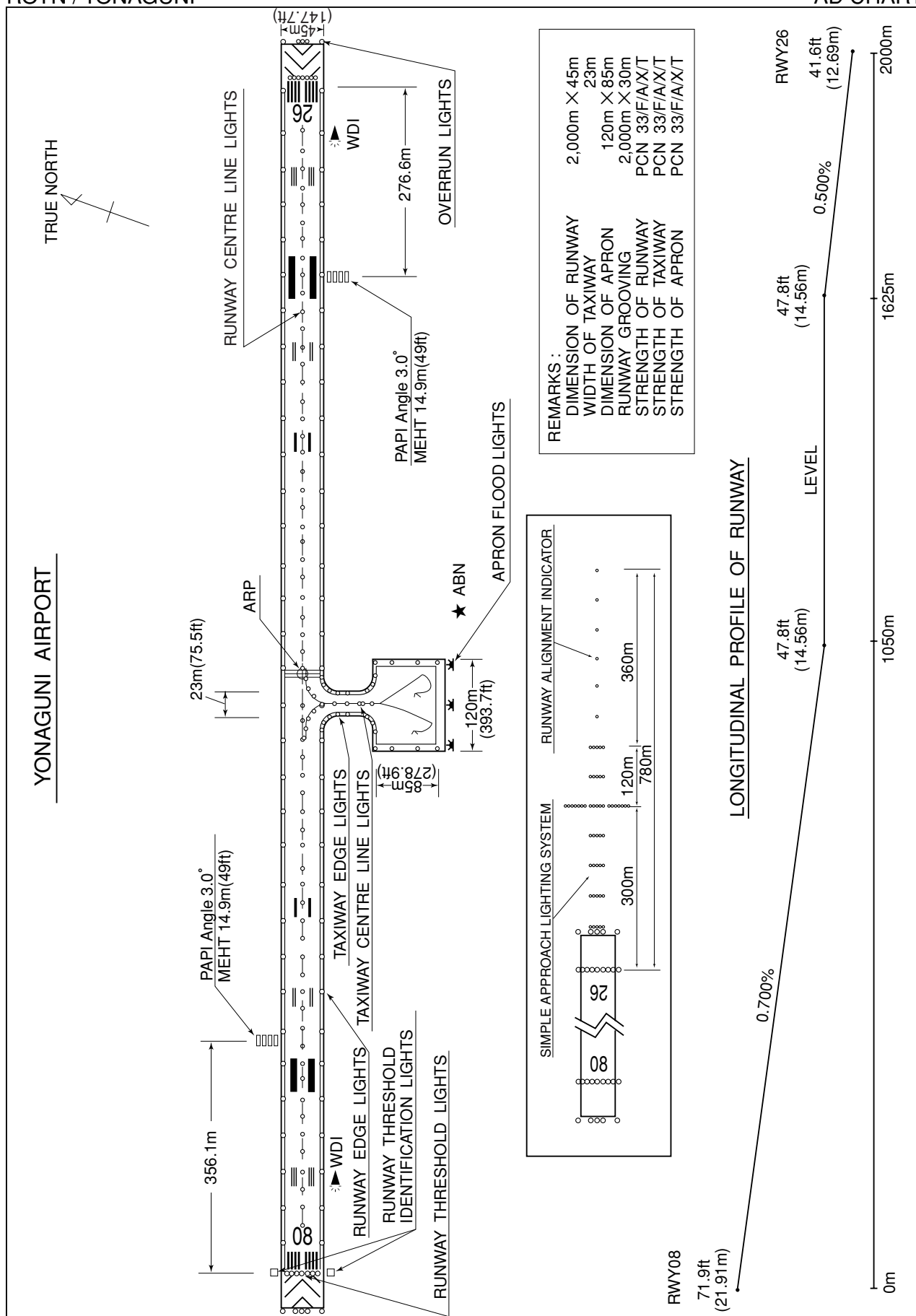


## AD CHART



## STANDARD DEPARTURE CHART -INSTRUMENT

ROYN / YONAGUNI

SID

TAKZO TWO DEPARTURE

RWY 08 : Climb RWY HDG until 3NM from RWY end/YNE 2.7DME, turn left,...

RWY 26 : Climb RWY HDG until 700FT, turn right,...

...climb via YNE R022 to TAKZO.

Note RWY08 : 6.7% climb gradient required up to 700FT.

OBST ALT 89FT located at 0.1NM 126° FM end of RWY08.

RWY26 : No turn before DER.

In case of climbing with 9.0 % gradient up to 900FT, another TKOF WX MINIMA is applicable.

OBST ALT 358FT located at 0.6NM 236° FM end of RWY26,

OBST ALT 912FT located at 2.1NM 115° FM end of RWY26.

ABASA TWO DEPARTURE

RWY 08 : Climb RWY HDG until 3NM from RWY end/YNE 2.7DME, turn right,...

RWY 26 : Climb RWY HDG until 700FT, turn right,...

...climb via YNE R101 to ABASA.

Note RWY08 : 6.7% climb gradient required up to 700FT.

OBST ALT 89FT located at 0.1NM 126° FM end of RWY08.

RWY26 : No turn before DER.

In case of climbing with 9.0 % gradient up to 900FT, another TKOF WX MINIMA is applicable.

OBST ALT 358FT located at 0.6NM 236° FM end of RWY26,

OBST ALT 912FT located at 2.1NM 115° FM end of RWY26.



CHANGE : PROC renamed. Radial FM YNE. Note RWY08 added. OBST chart added.

STANDARD DEPARTURE CHART -INSTRUMENT

ROYN / YONAGUNI

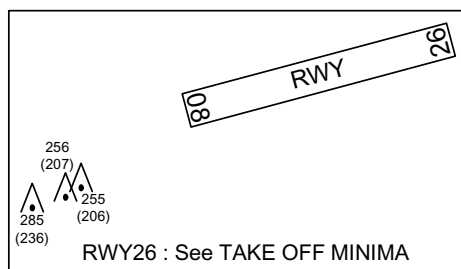
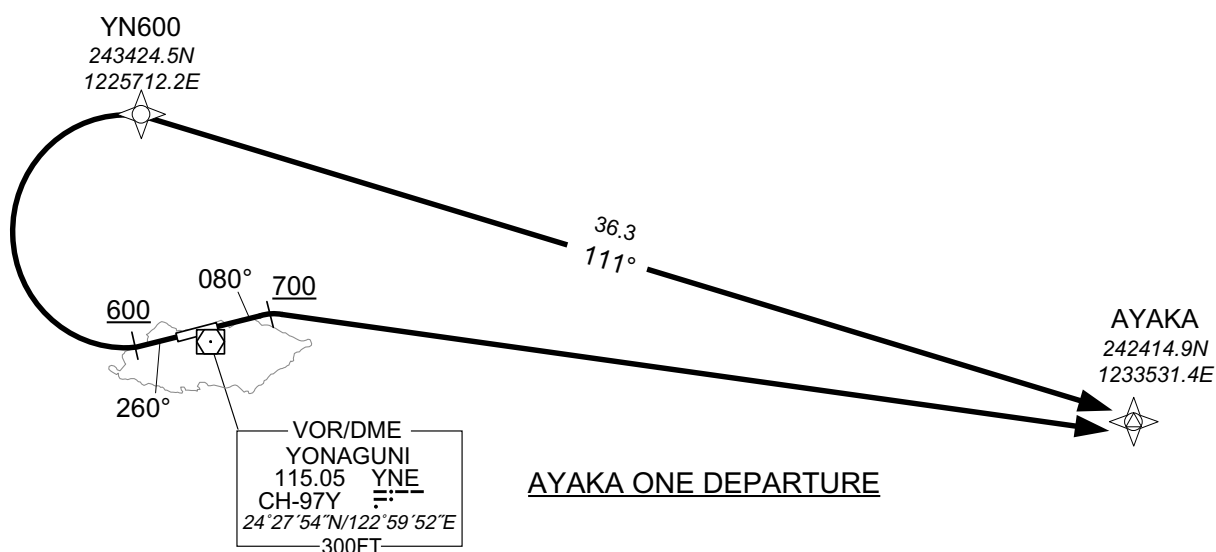
RNAV SID

AYAKA ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 5°W (2019)



AYAKA ONE DEPARTURE

RWY08 : Climb on HDG080° at or above 700FT, turn right direct to AYAKA.

RWY26 : Climb on HDG260° at or above 600FT, turn right direct to YN600,to AYAKA.

Note RWY08 : 6.7% climb gradient required up to 700FT.

OBST ALT 89FT located at 0.1NM 126° FM end of RWY08.

RWY26 : In case of climbing with 7.2% gradient up to 600FT, another TKOF WX MINIMA is applicable.

OBST ALT 271FT located at 0.5NM 237° FM end of RWY26.

CHANGE : New PROC

## STANDARD DEPARTURE CHART -INSTRUMENT

ROYN / YONAGUNI

RNAV SID

AYAKA ONE DEPARTURE

## RWY08

| 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              | —                   | —        | 080<br>(075.2) | -4.6               | —             | —              | +700          | —            | —              | Basic RNP1               |
| 002           | DF              | AYAKA               | —        | —              | -4.6               | —             | R              | —             | —            | —              | Basic RNP1               |

## RWY26

| 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              | —                   | —        | 260<br>(255.2) | -4.6               | —             | —              | +600          | —            | —              | Basic RNP1               |
| 002           | DF              | YN600               | —        | —              | -4.6               | —             | R              | —             | —            | —              | Basic RNP1               |
| 003           | TF              | AYAKA               | —        | 111<br>(106.1) | -4.6               | 36.3          | —              | —             | —            | —              | Basic RNP1               |

CHANGE : New PROC

STANDARD ARRIVAL CHART-INSTRUMENT

ROYN / YONAGUNI

RNAV STAR RWY26



CHANGE : New PROC

**INTENTIONALLY LEFT BLANK**

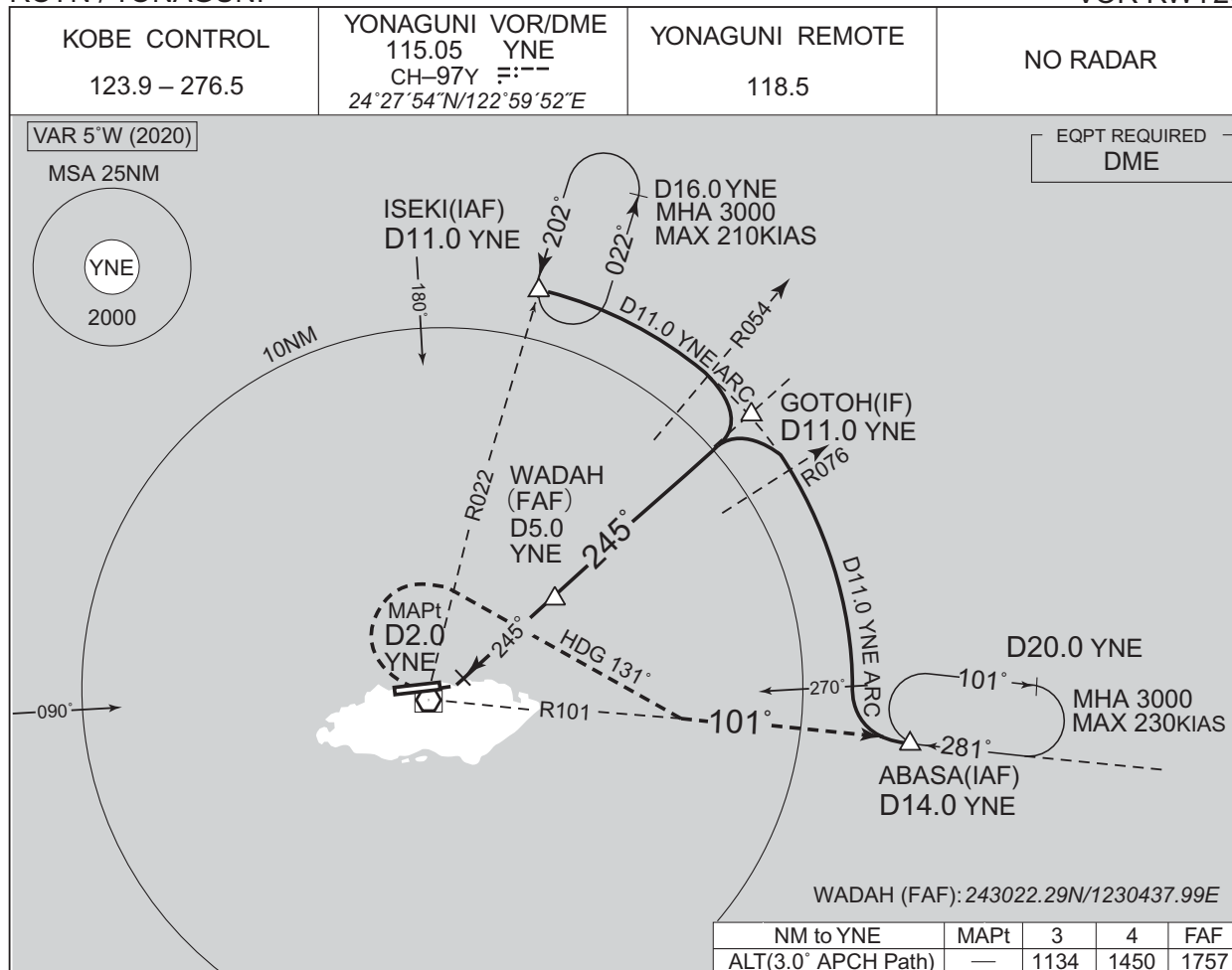
## INSTRUMENT APPROACH CHART

CHANGE : VAR. Radial FM YNE. AGARI, YEELY established. OCA added.

INSTRUMENT APPROACH CHART

ROYN / YONAGUNI

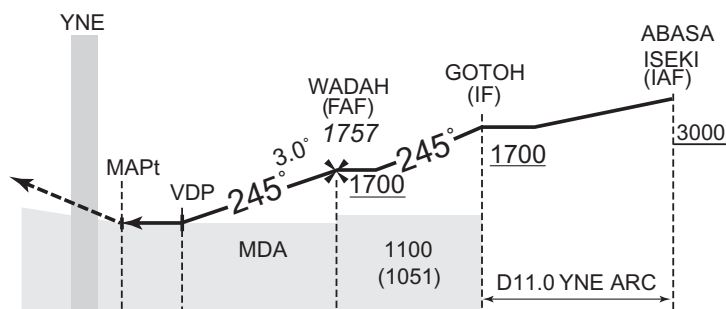
VOR RWY26



MISSED APPROACH

Turn right, climb to 3000FT via HDG 131° to intercept and proceed via YNE R101 to ABASA and hold.  
Contact YONAGUNI REMOTE.

Timing not authorized for defining the MAPt.



|            |   |     |     |     |      |
|------------|---|-----|-----|-----|------|
| DME to YNE | 0 | 2.0 | 2.3 | 5.0 | 11.0 |
| NM to THR  | 0 | 2.3 | 2.6 | 5.3 | 11.3 |

Missed APCH climb gradient MNM 5.0%

MINIMA      THR elev. 42      AD elev. 49

| CAT |           |      | CIRCLING   |      |
|-----|-----------|------|------------|------|
|     | MDA(H)    | CMV  | MDA(H)     | VIS  |
| A   | 880 (831) | 1200 | 1020 (971) | 1600 |
| B   |           | 1400 |            | 2400 |
| C   |           |      |            |      |
| D   |           | 1800 |            | 3200 |

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

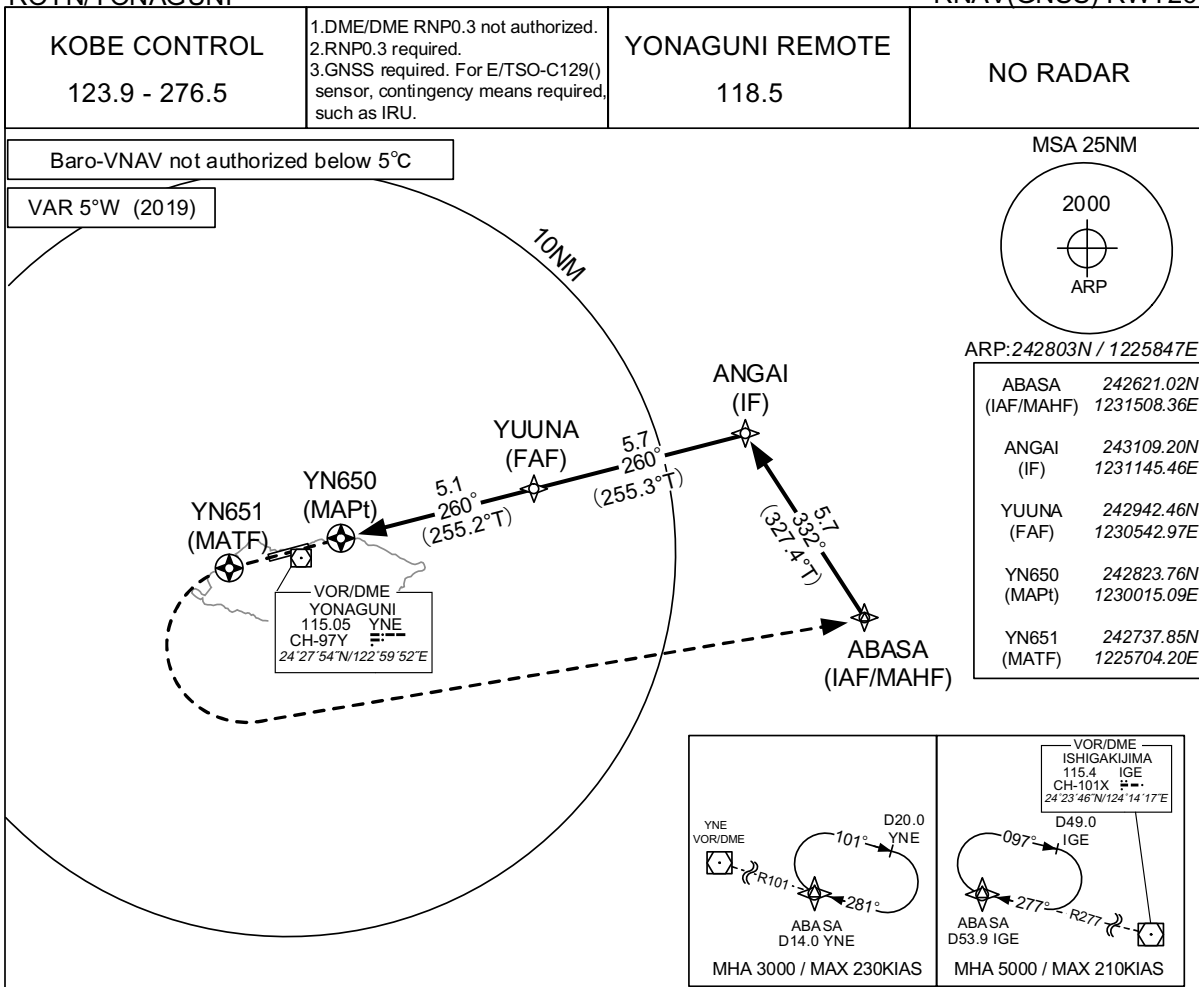
CHANGE : VAR. Radial FM YNE. GOTOH, WADAH established. OCA added.



INSTRUMENT APPROACH CHART

ROYN/YONAGUNI

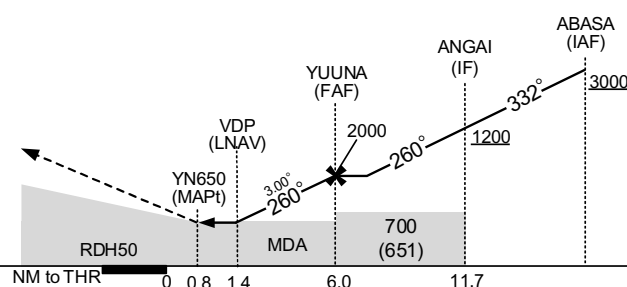
RNAV(GNSS) RWY26



| MAPt | 1   | 2   | 3    | 4    | 5    | FAF  | NM to Next Fix         |
|------|-----|-----|------|------|------|------|------------------------|
| —    | 678 | 996 | 1315 | 1633 | 1951 | 2000 | ALT ( 3.0° APCH Path ) |

MISSED APPROACH

Direct to YN651, turn left direct to ABASA and hold at 3000FT.  
Contact YONAGUNI REMOTE.



Missed APCH climb gradient MNM 5.0%

| MINIMA |           | THR elev.42 |          | AD elev.49 |            |
|--------|-----------|-------------|----------|------------|------------|
| CAT    | LNAV/VNAV |             | LNAV     |            | CIRCLING   |
|        | DA(H)     | CMV         | MDA(H)   | CMV        | MDA(H) VIS |
| A      | 520(478)  | 1000        | 520(471) | 1000       | 1600       |
| B      |           | 1200        |          | 1200       |            |
| C      |           | —           |          | —          |            |
| D      | —         | —           | —        | —          | —          |

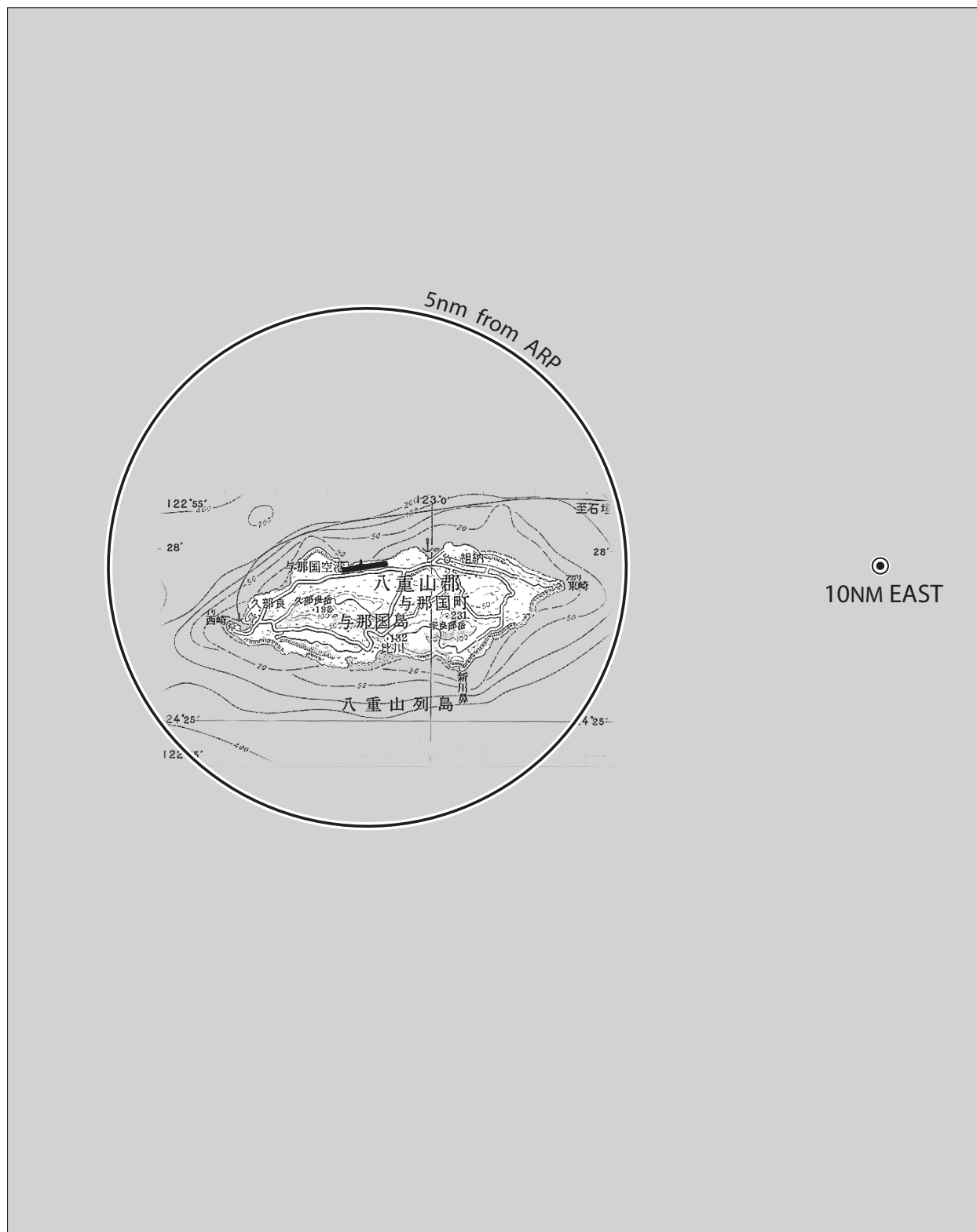
MINIMA with Missed APCH climb gradient of 2.5% are not established.  
Circling to NORTH side of RWY only.

CHANGE : New PROC

**INTENTIONALLY LEFT BLANK**

ROYN / YONAGUNI

Visual REP



| Call sign | BRG / DIST from ARP | Remarks            |
|-----------|---------------------|--------------------|
| 10NM EAST | 090°/10NM           | 海上<br>Over the sea |

ROYN / YONAGUNI

Minimum Vectoring Altitude CHART

