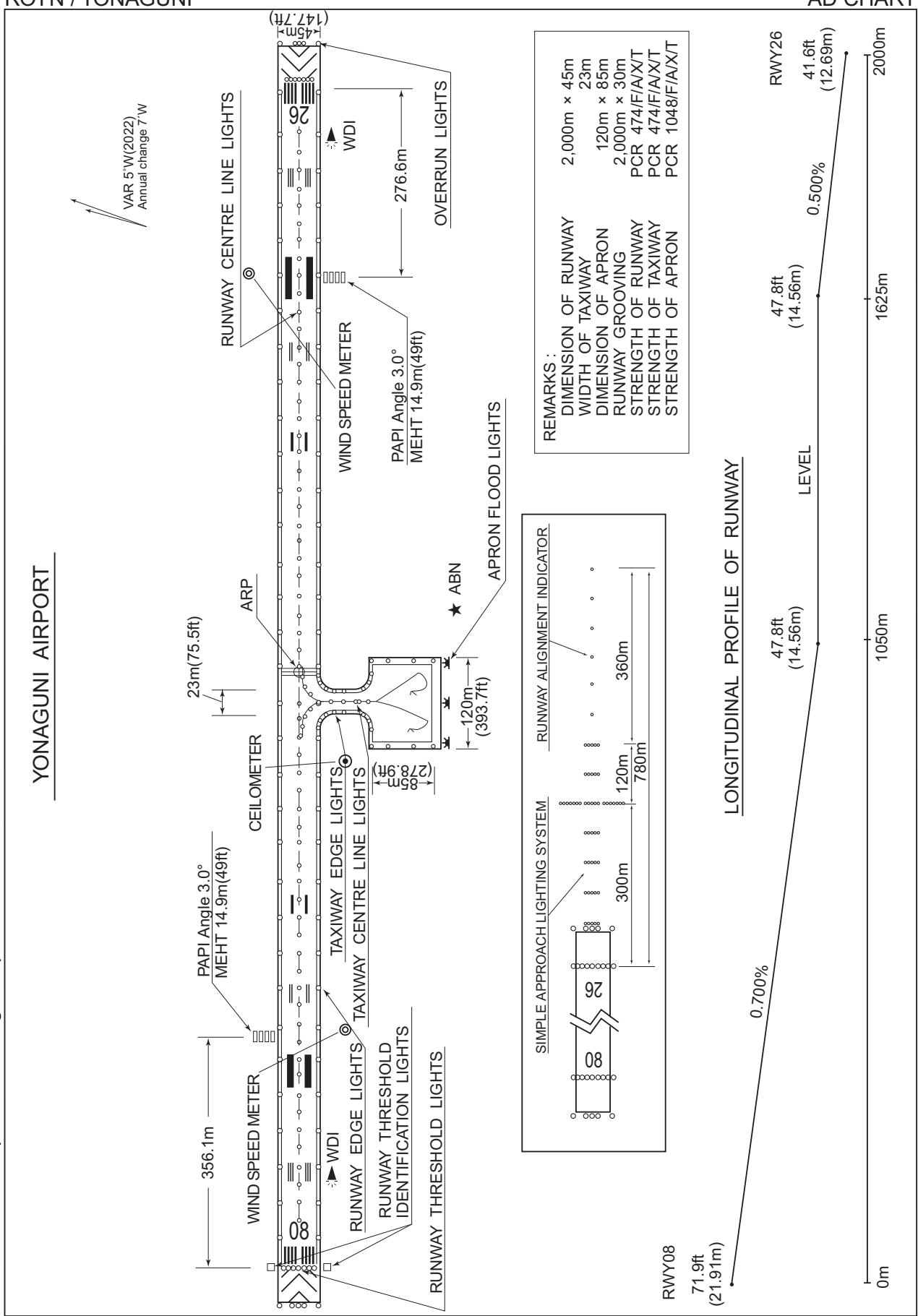


ROYN / YONAGUNI

AD CHART

CHANGE : Description of strength of pavement.



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.

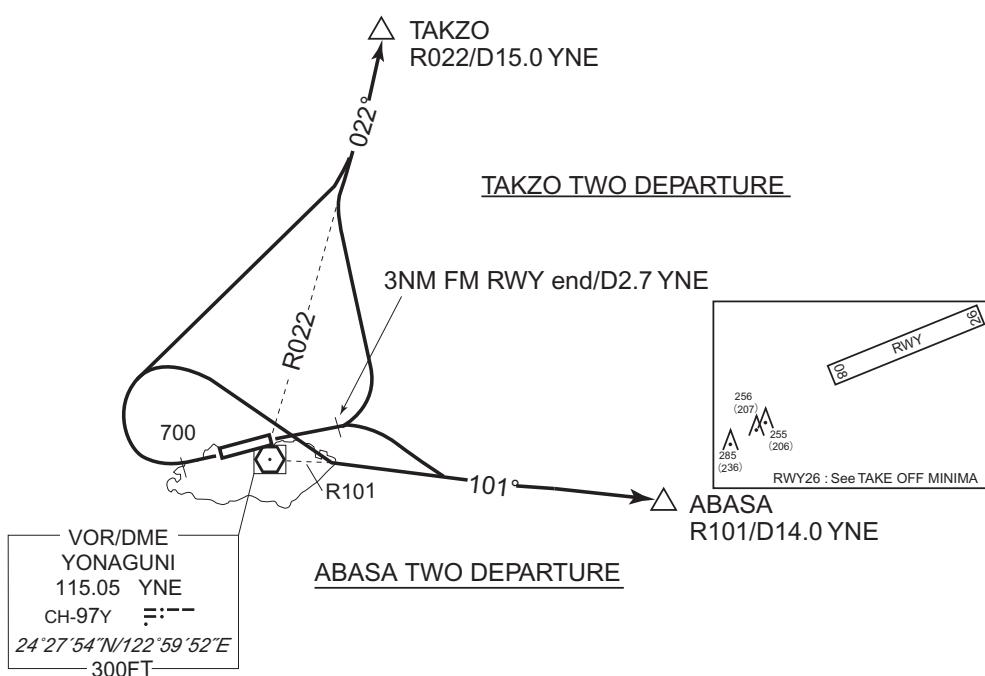
OBST ALT 89FT located at 0.1NM 126° FM end of RWY08.

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

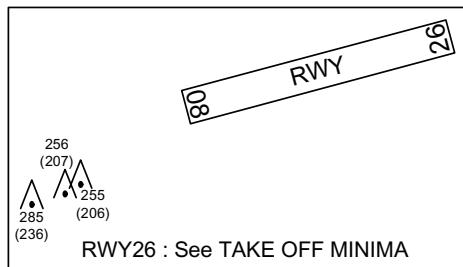
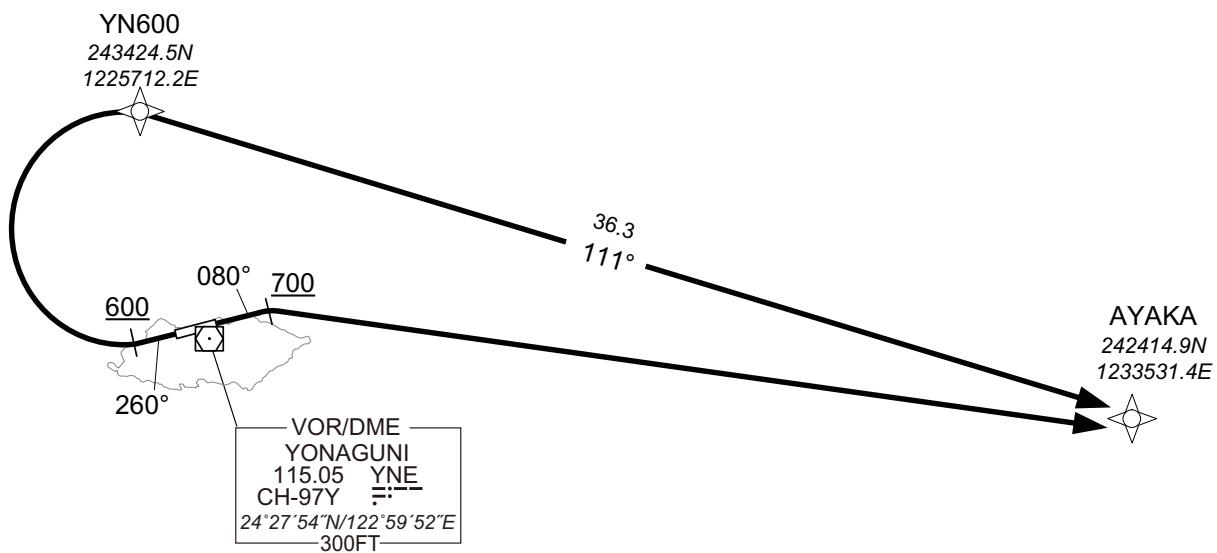
RNAV SID

AYAKA ONE DEPARTURE

RNP1

Note GNSS required.

VAR 5°W



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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.

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 (075.2) | -4.6 | - | - | +700 | - | - | RNP1 |
| 002 | DF | AYAKA | - | - | -4.6 | - | R | - | - | - | 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 (255.2) | -4.6 | - | - | +600 | - | - | RNP1 |
| 002 | DF | YN600 | - | - | -4.6 | - | R | - | - | - | RNP1 |
| 003 | TF | AYAKA | - | 111 (106.1) | -4.6 | 36.3 | - | - | - | - | RNP1 |

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

STANDARD ARRIVAL CHART-INSTRUMENT

ROYN / YONAGUNI

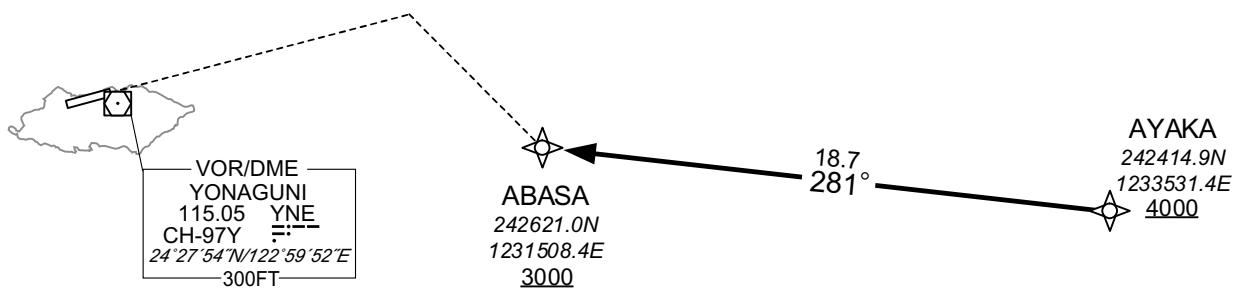
RNAV STAR RWY26

ABASA ARRIVAL

RNP1

Note GNSS required.

VAR 5°W



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

From AYAKA at or above 4000FT, to ABASA 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 | AYAKA | — | — | -4.6 | — | — | +4000 | — | — | RNP1 |
| 002 | TF | ABASA | — | 281 (276.5) | -4.6 | 18.7 | — | +3000 | — | — | RNP1 |

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INSTRUMENT APPROACH CHART

ROYN / YONAGUNI LOC RWY22

| | | | |
|----------------------------------|--|--|----------|
| FUKUOKA CONTROL 123.9 – 276.5 | YONAGUNI LOC 108.55 IYN LOC-DME CH-22Y 24°27'50"N/122°58'06"E | YONAGUNI RADIO 118.5 AFIS provided by Naha Airport Office | NO RADAR |
|----------------------------------|--|--|----------|

VAR 5°W

MSA 25NM

YNE 2000

ISEKI(IF)
D11.0 YNE

D16.0 YNE
MHA 3000
MAX 210 KIAS

EQPT REQUIRED
DME
VOR

10NM

090°

081°

022°

D11.0 YNE ARC

R022

046°

YEELY (FAF)
D7.2 IYN

D10.0 YNE ARC

R067

MAPt
D2.2 IYN

VOR/DME
YONAGUNI
115.05 YNE
CH-97Y
24°27'54"N/122°59'52"E

D20.0 YNE
MHA 3000
MAX 230 KIAS

ABASA(IF)
D14.0 YNE

D11.0 YNE ARC

R088

101°

281°

YEELY(FAF): 242942.30N/1230544.36E

| NM to IYN | MAPt | 3 | 4 | 5 | 6 | 7 | FAF |
|---------------------|------|-----|-----|------|------|------|------|
| ALT(3.0° APCH Path) | — | 659 | 975 | 1291 | 1607 | 1923 | 1986 |

MISSED APPROACH

Turn right, climb to 3000FT via YNE R046, via YNE 10.0DME clockwise ARC to intercept and proceed via YNE R101 to ABASA and hold. Contact YONAGUNI RADIO.

Timing not authorized for defining the MAPt.

DME to IYN 2.2 2.8 7.2 12.6

NM to THR 0 1.0 1.6 6.0 11.4

Missed APCH climb gradient MNM 5.0%

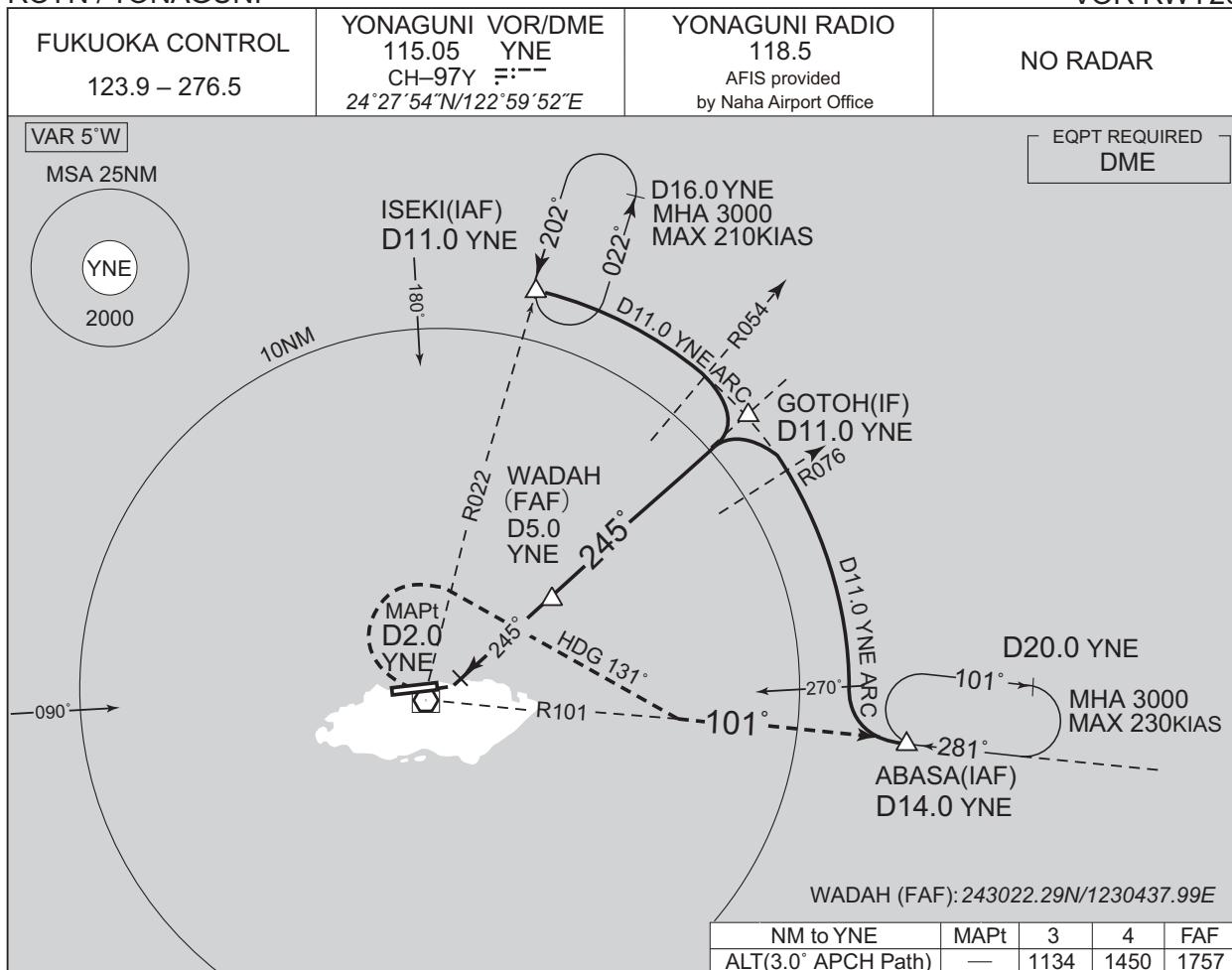
| MINIMA | THR elev. 42 | AD elev. 49 | |
|--------|--------------|-------------|------------|
| CAT | CIRCLING | | |
| | MDA(H) | CMV | MDA(H) |
| A | 1000 | | 1600 |
| B | 570 (521) | 1200 | 1020 (971) |
| C | | | 2400 |
| D | 1600 | | 3200 |

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

INSTRUMENT APPROACH CHART

ROYN / YONAGUNI

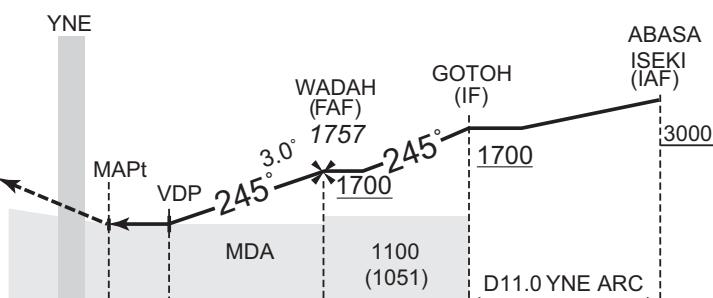
VOR RWY26



MISSSED APPROACH

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

Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 5.0%

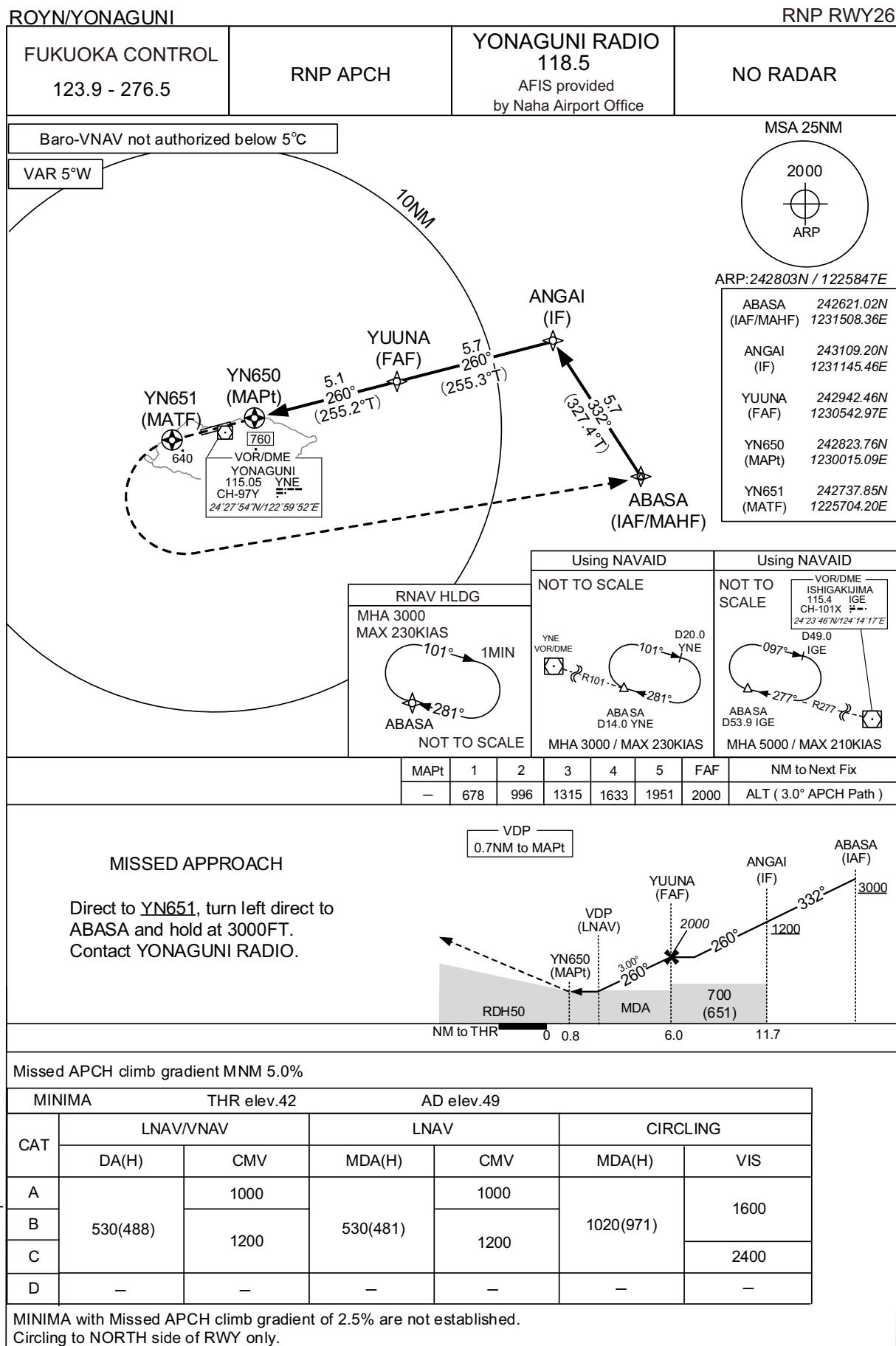
MINIMA THR elev. 42 AD elev. 49

CHANGE : Description of VAR.

| CAT | MINIMA | | THR elev. 42 | | AD elev. 49 | | CIRCLING | |
|-----|-----------|------|--------------|------|-------------|--|----------|--|
| | MDA(H) | CMV | MDA(H) | VIS | | | | |
| A | | 1200 | | | | | | |
| B | 880 (831) | 1400 | 1020 (971) | 1600 | | | | |
| C | | | | 2400 | | | | |
| D | | 1800 | | 3200 | | | | |

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

INSTRUMENT APPROACH CHART



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ROYN / YONAGUNI

Visual REP

VAR 5°W(2022) / 7°W

YONAGUNI RADIO
118.5

5NM from ARP

YONAGUNI INFORMATION ZONE
At or below 3000FT

10NM E



CHANGE : Map updated. BRG/DIST from ARP.

Webメルカトル図法(球体補正) / Web Mercator projection

※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 |
|-----------|---------------------|--------------------|
| 10NM E | 090°T / 10.0NM | 海上 Over the sea |

ROYN / YONAGUNI

Minimum Vectoring Altitude CHART

