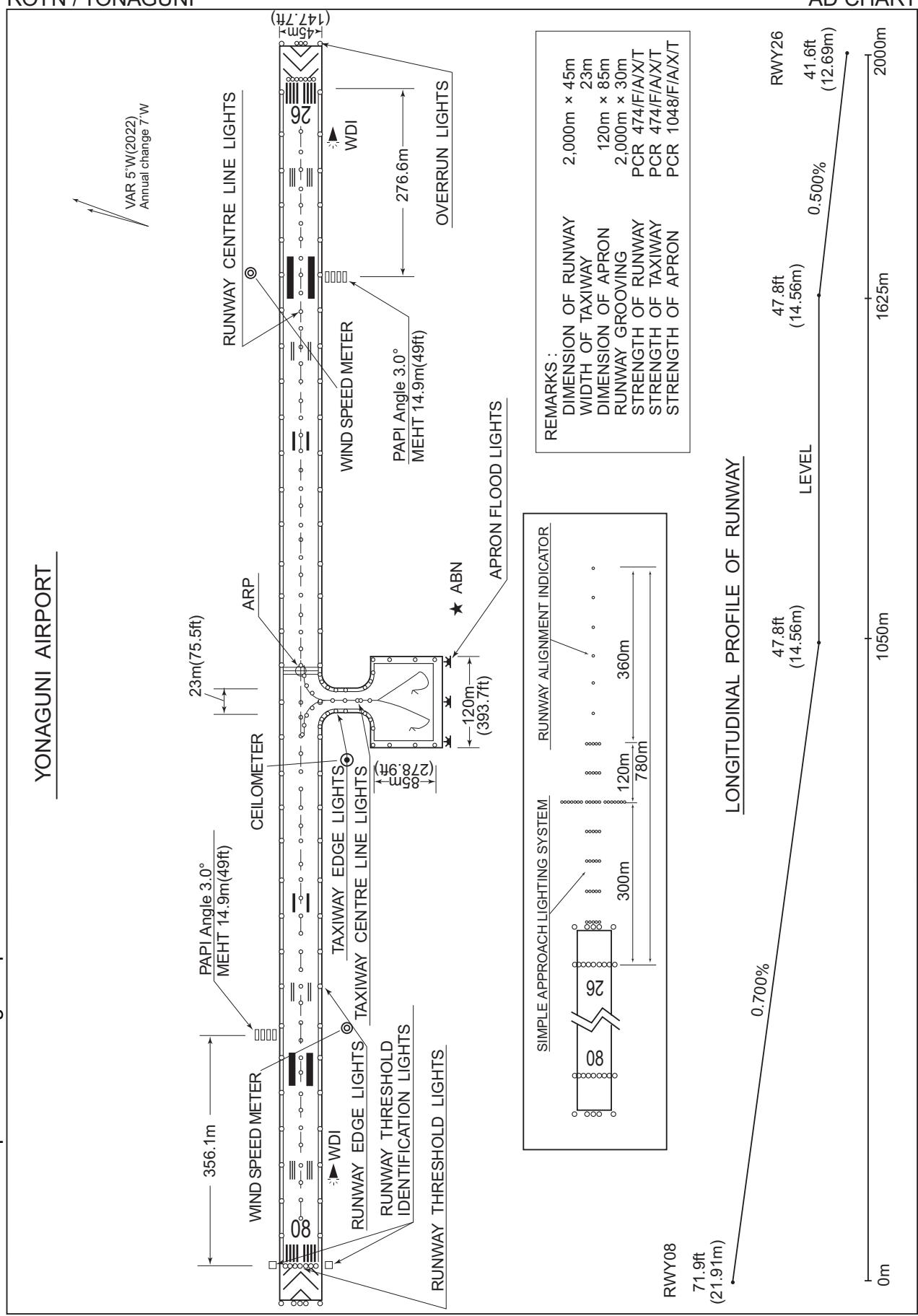


CHANGE : Description of strength of pavement.

ROYN / YONAGUNI

YONAGUNI AIRPORT



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.

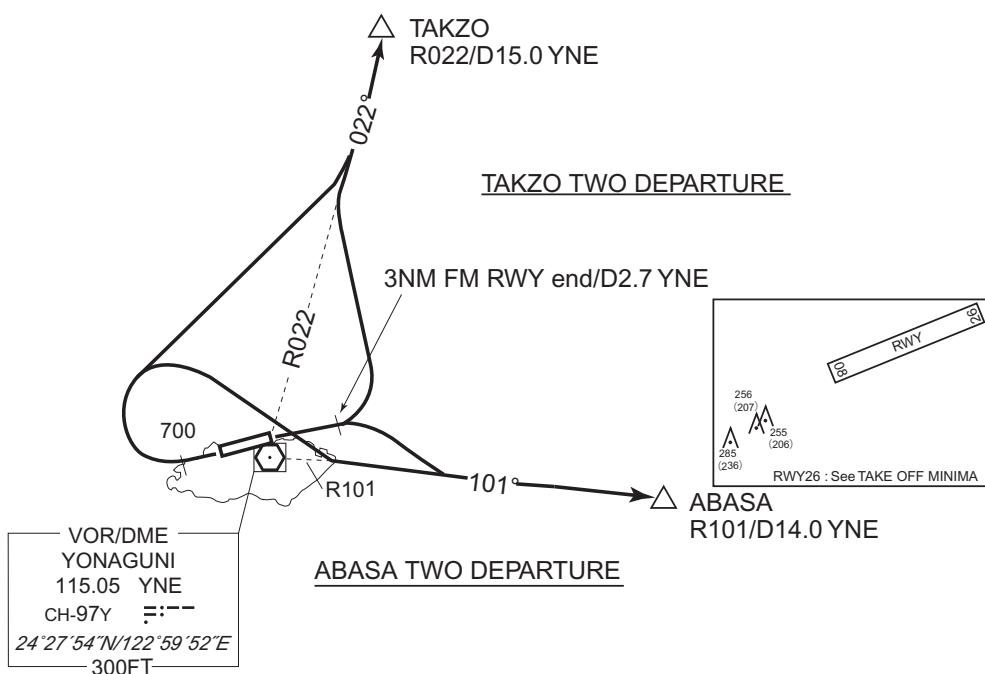
OBST ALT 89FT located at 0.1NM 126° FM end of RWY08.

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

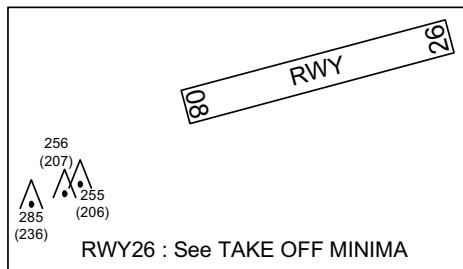
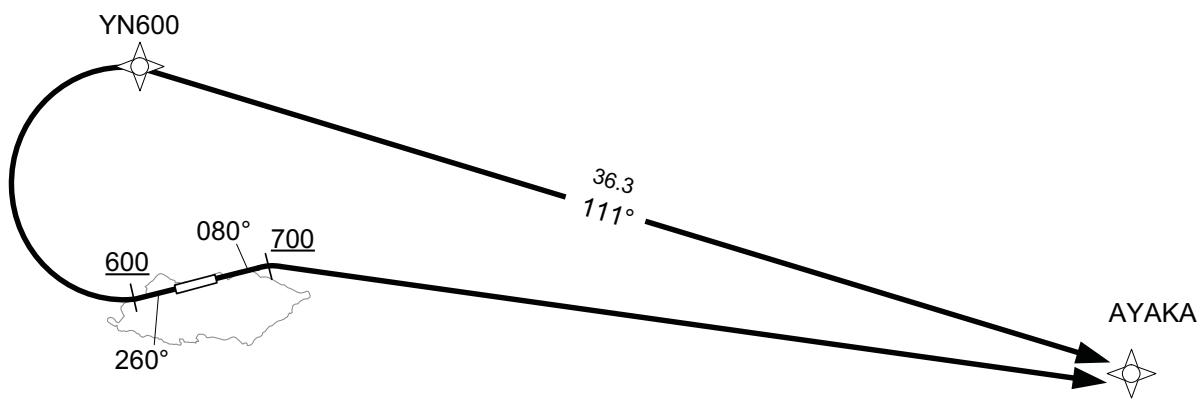
RNAV SID

AYAKA ONE DEPARTURE

RNP1

Note GNSS required.

VAR 5°W



CHANGE : Description of latitude and longitude, VOR/DME.

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

Waypoint Coordinates

Waypoint Identifier	Coordinates
YN600	243424.5N / 1225712.2E
AYAKA	242414.9N / 1233531.4E

CHANGE : Waypoint Coordinates added.

STANDARD ARRIVAL CHART-INSTRUMENT

ROYN / YONAGUNI

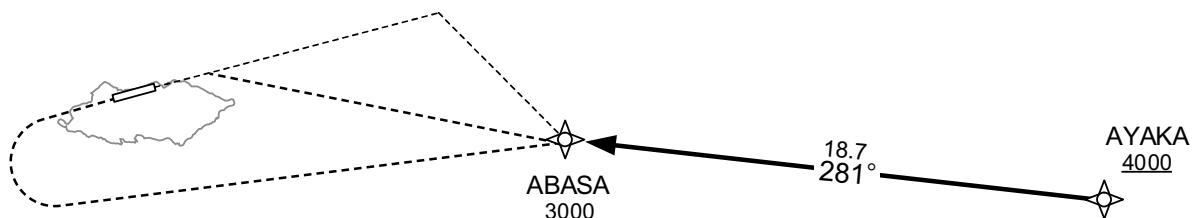
RNAV STAR

ABASA ARRIVAL

RNP1

Note GNSS required.

VAR 5°W



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

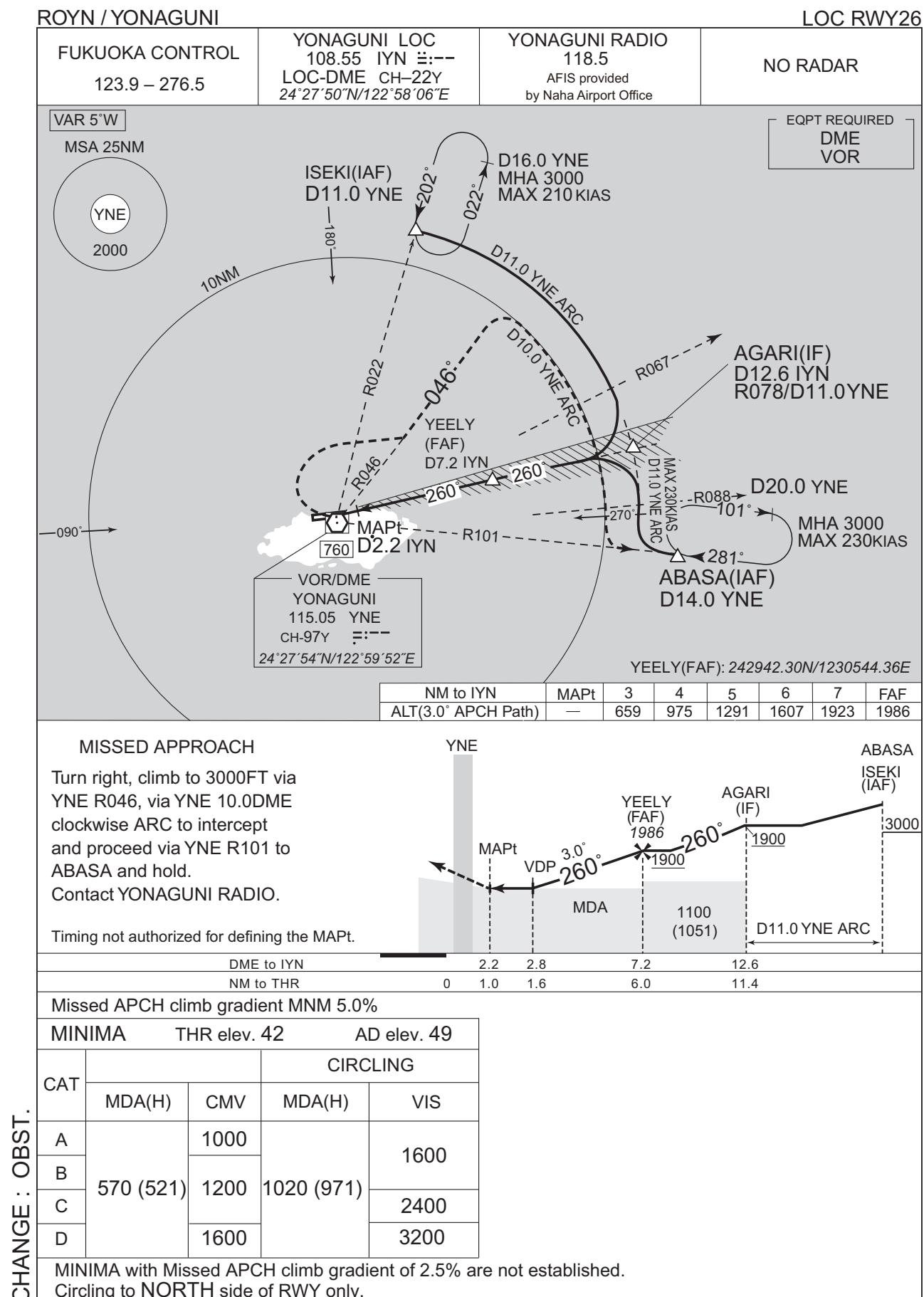
CHANGE : Waypoint Coordinates added.

Waypoint Coordinates

Waypoint Identifier	Coordinates
AYAKA	242414.9N / 1233531.4E
ABASA	242621.0N / 1231508.4E

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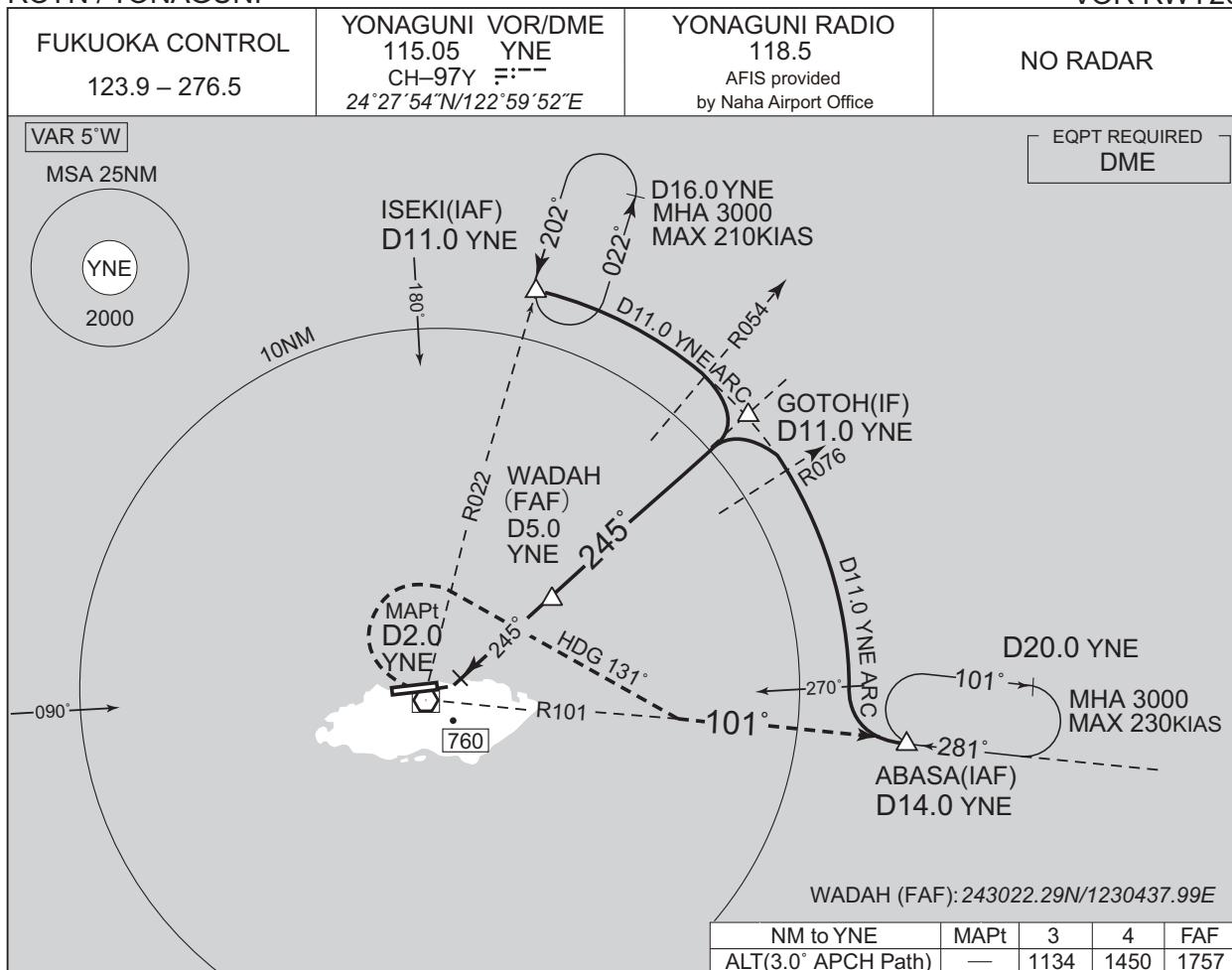
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

ROYN / YONAGUNI

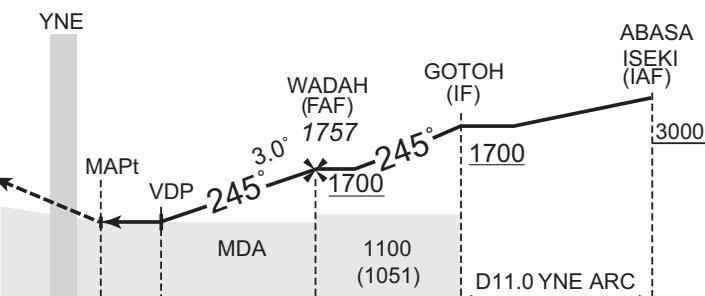
VOR RWY26



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 : OBST.

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

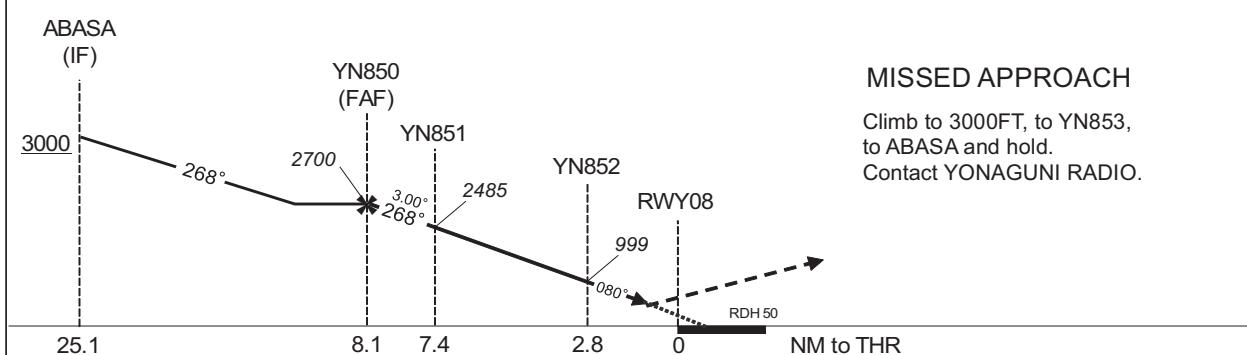
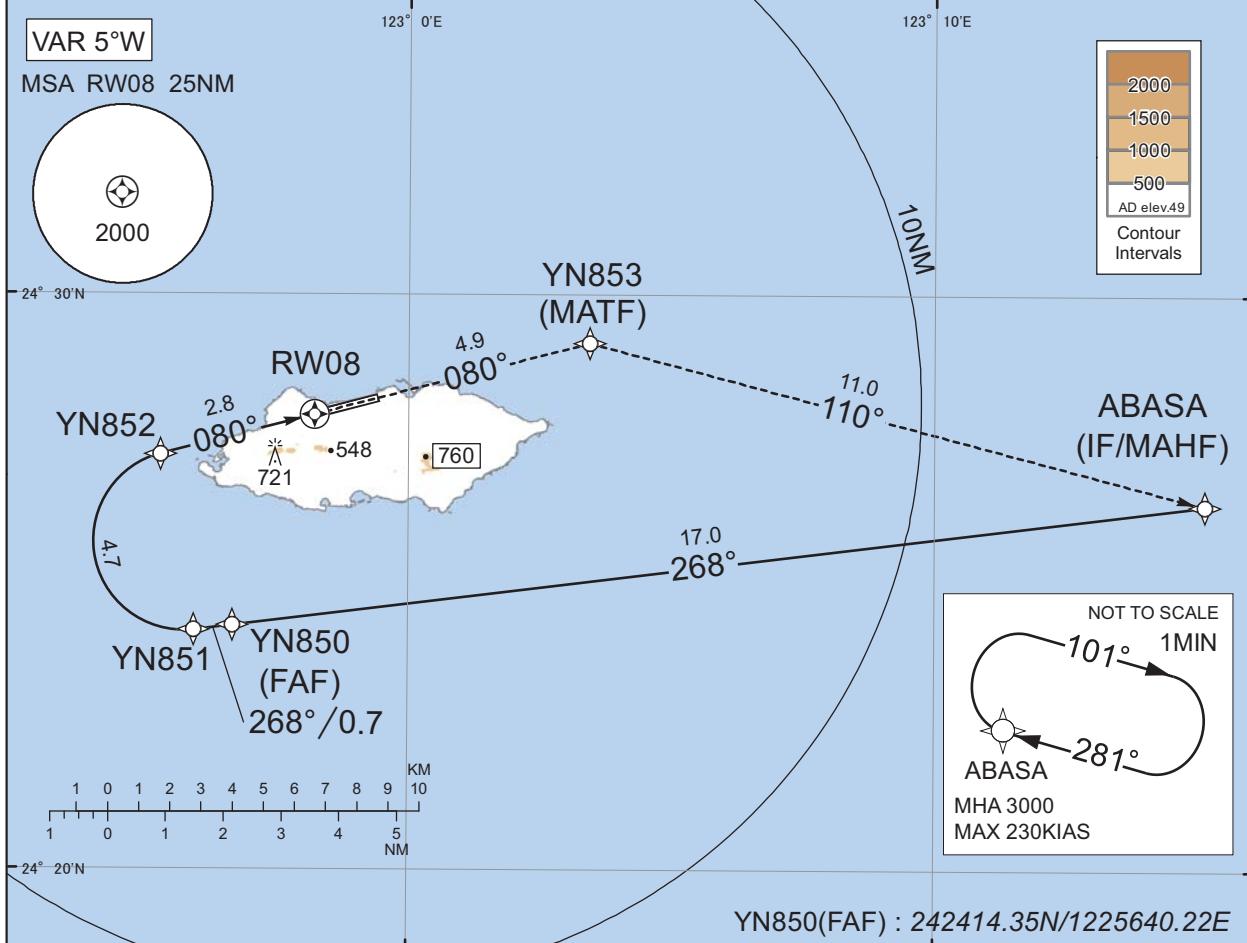
MINIMA with Missed APCH climb gradient of 2.5% are not established. Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART

ROYN / YONAGUNI

FUKUOKA CONTROL 123.9 - 276.5	RNP AR RF required.	YONAGUNI RADIO 118.5 AFIS provided by Naha Airport Office	NO RADAR
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For uncompensated Baro-VNAV systems, procedure not authorized below 5°C / above 45°C



CHANGE : New PROC.

	MINIMA	THR elev. 72	AD elev. 49
CAT	RNP 0.30		
	DA(H)	CMV	
A	-	-	
B			
C	840(768)	2000	
D	-	-	

MINIMA with Missed APCH climb gradient of 2.5% are not established.

Authorization Required

INSTRUMENT APPROACH CHART

ROYN / YONAGUNI

RNP RWY08(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	ABASA	-	-	-5.1	-	-	+3000	-	-	-
002	TF	YN850	-	268 (262.9)	-5.1	17.0	-	2700	-	-	0.3
003	TF	YN851	-	268 (262.8)	-5.1	0.7	-	2485	-	-3.00	0.3
004	RF Center: YNRF1 r=1.55NM	YN852	-	-	-5.1	4.7	R	999	-	-3.00	0.3
005	TF	RW08	Y	080 (075.2)	-5.1	2.8	-	122	-	-3.00/50	0.3
006	TF	YN853	-	080 (075.2)	-5.1	4.9	-	-	-	-	1.0
007	TF	ABASA	-	110 (104.7)	-5.1	11.0	-	3000	-	-	1.0

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	ABASA	281 (276.4)	-5.1	1.0 (-14000)	R	3000	FL140	-230 (-14000)	1.0

Waypoint Coordinates

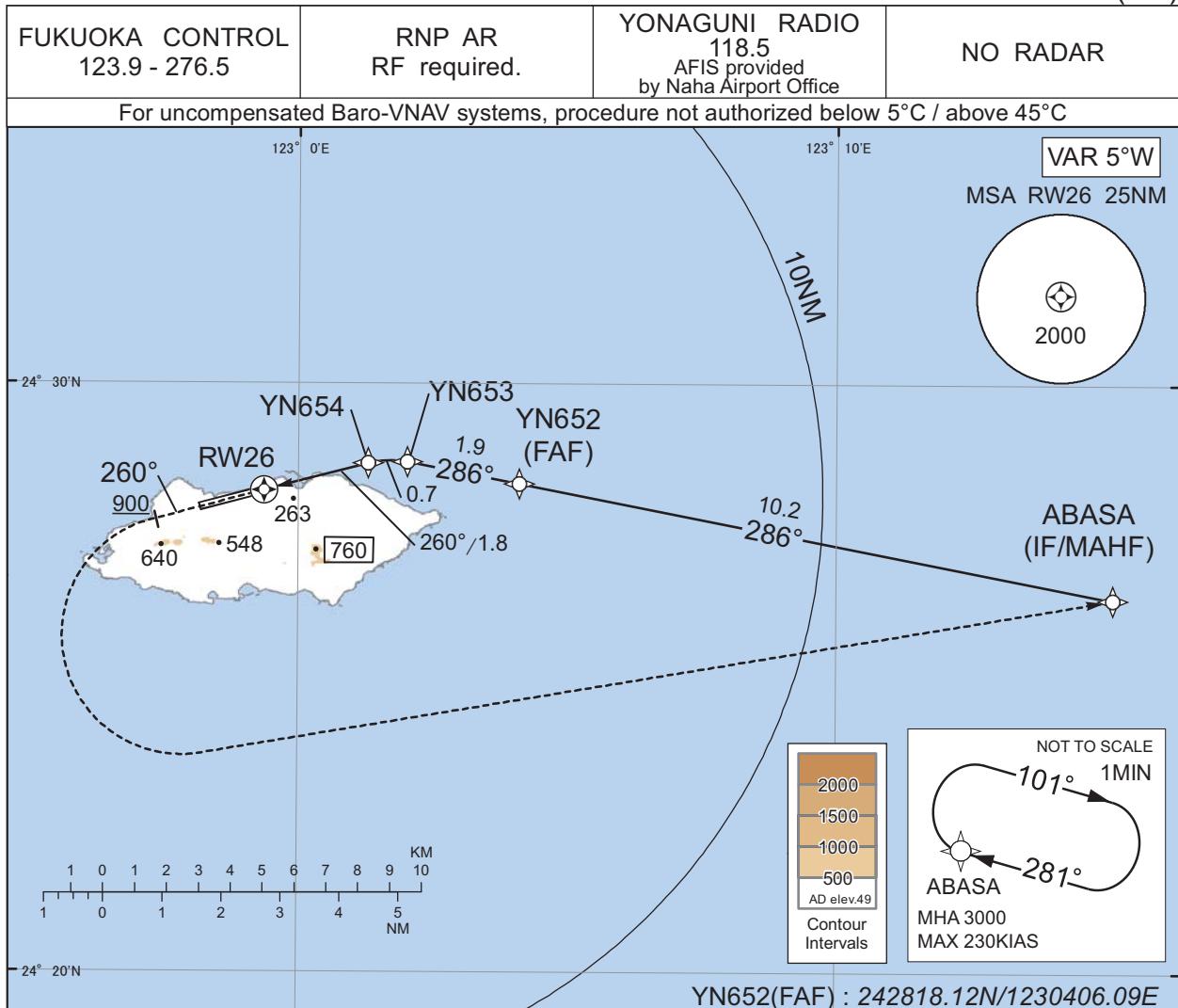
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ABASA	242621.02N / 1231508.36E	YNRF1	242541.86N / 1225543.37E
YN850	242414.35N / 1225640.22E		
YN851	242409.26N / 1225556.12E		
YN852	242712.12N / 1225517.42E		
RW08	242754.37N / 1225812.86E		
YN853	242909.68N / 1230326.27E		

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

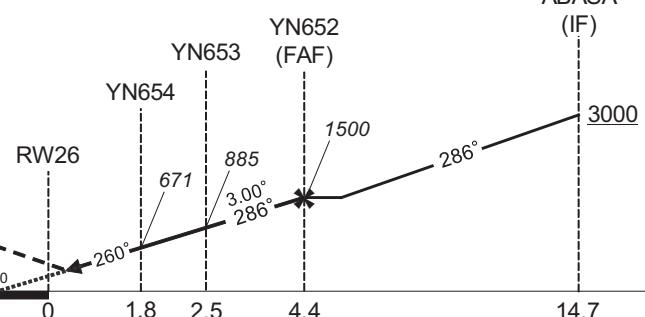
ROYN / YONAGUNI

RNP Z RWY26(AR)



MISSED APPROACH

From RW26 on track 260°, at or above 900FT turn left, direct to ABASA and hold at 3000FT.
Contact YONAGUNI RADIO.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 42 AD elev. 49

CAT RNP 0.30

DA(H) CMV

A - -

B - -

C 512(470) 1200

D - -

MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : New PROC.

Authorization Required

INSTRUMENT APPROACH CHART

ROYN / YONAGUNI

RNP Z RWY26(AR)

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/RDH (°/FT)	RNP Value
001	IF	ABASA	-	-	-5.1	-	-	+3000	-	-	-
002	TF	YN652	-	286 (281.0)	-5.1	10.2	-	1500	-	-	0.3
003	TF	YN653	-	286 (281.0)	-5.1	1.9	-	885	-	-3.00	0.3
004	RF Center: YNRF2 r=1.50NM	YN654	-	-	-5.1	0.7	L	671	-	-3.00	0.3
005	TF	RW26	Y	260 (255.2)	-5.1	1.8	-	92	-	-3.00/50	0.3
006	FA	-	-	260 (255.2)	-5.1	-	-	+900	-	-	1.0
007	DF	ABASA	-	-	-5.1	-	L	3000	-	-	1.0

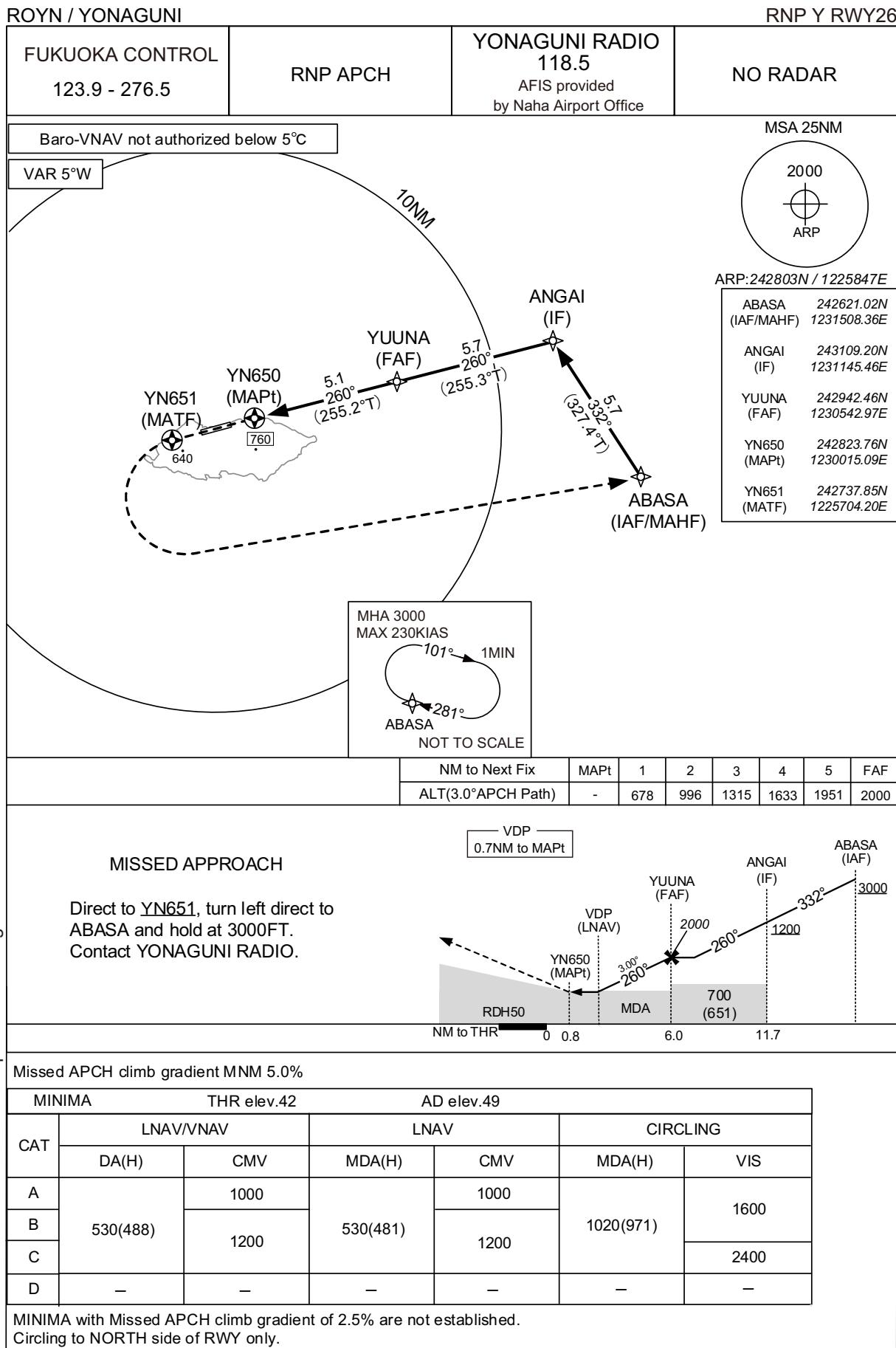
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	ABASA	281 (276.4)	-5.1	1.0 (-14000)	R	3000	FL140	-230 (-14000)	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ABASA	242621.02N / 1231508.36E	YNRF2	242711.40N / 1230142.58E
YN652	242818.12N / 1230406.09E		
YN653	242840.10N / 1230201.20E		
YN654	242838.77N / 1230117.53E		
RW26	242810.89N / 1225921.54E		

CHANGE : New PROC.

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.

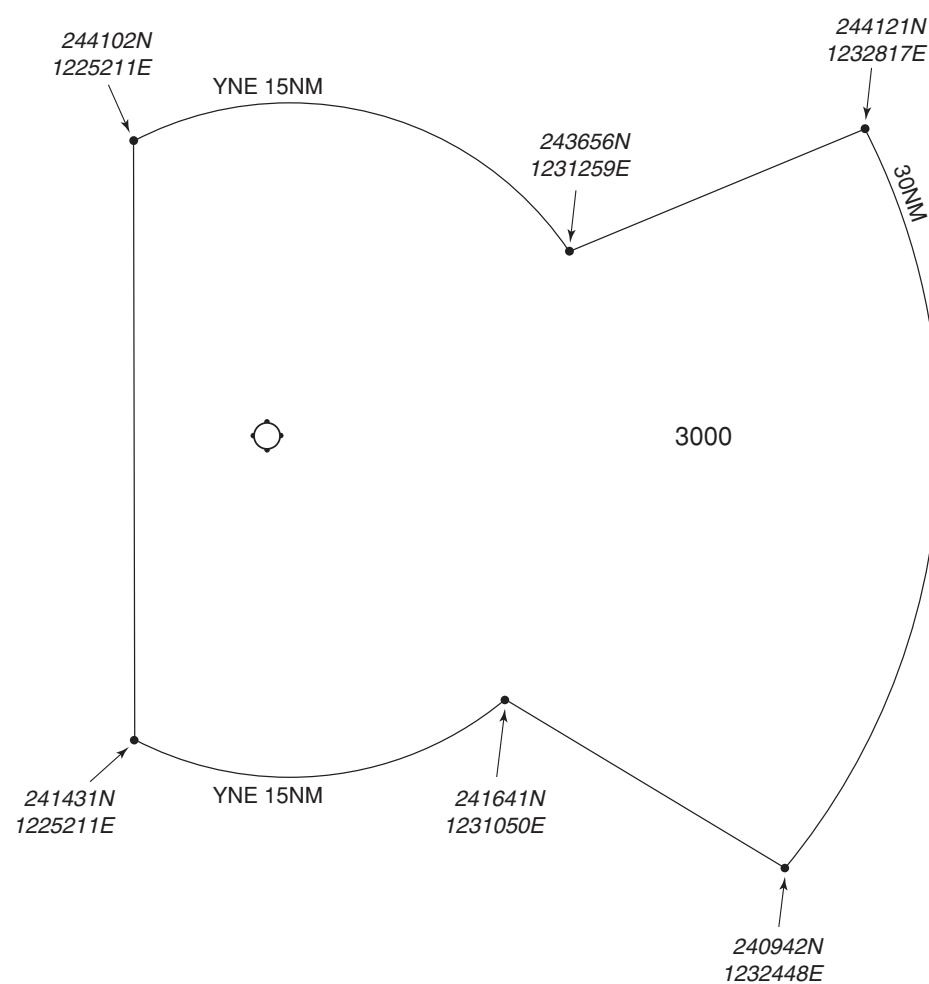
Webメルカトル図法(球体補正) / Web Mercator projection

※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



CENTER : 242803N/1225847E (ARP)