

## AD 2 AERODROMES

## ROMD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## ROMD - MINAMI DAITO

## ROMD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	255048N/1311549E 015°/750m from RWY 02 THR
2	Direction and distance from (city)	
3	Elevation/ Reference temperature	158.5ft / 32°C(2004-2008)
4	Geoid undulation at AD ELEV PSN	
5	MAG VAR/ Annual change	5° W(2014) / 2.1°W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Okinawa Pref. PUBLIC AP 258, Aza-Kyuutou, Minamidaitou-son, Shimajiri-gun, Okinawa Pref. TEL: 09802-2-2716 FAX: 09802-2-2063 e-MAIL: g-kuukou@abelia.ocn.ne.jp
7	Types of traffic permitted (IFR/ VFR)	IFR/VFR
8	Remarks	Nil

## ROMD AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 0900
2	Customs and immigration	On request Customs: 098-862-8529 Immigration: 098-832-4185
3	Health and sanitation	Quarantine(human): On request(098-868-1674) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24(NAHA)
7	ATS	ATS: 2300 - 0900 Remarks : AFIS provided by Naha Airport Office.
8	Fuelling	Nil
9	Handling	Ask AD Administration
10	Security	Ask AD Administration
11	De-icing	Nil
12	Remarks	Nil

**ROMD AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	Nil
3	Fuelling facilities/ capacity	Nil
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

**ROMD AD 2.5 PASSENGER FACILITIES**

1	Hotels	Nil
2	Restaurants	Nil
3	Transportation	Nil
4	Medical facilities	Clinic 4Km from airport
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

**ROMD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	CAT 6
2	Rescue equipment	Chemical fire fighting truck x 2
3	Capability for removal of disabled aircraft	Incapable
4	Remarks	Nil

**ROMD AD 2.7 SEASONAL AVAILABILITY-CLEARING**

1	Types of clearing equipment	Not Applicable
2	Clearance priorities	Not Applicable
3	Remarks	Nil

**ROMD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	Apron surface and strength	Surface : Asphalt-concrete Strength : PCN 19/F/B/Y/T
2	Taxiway width, surface and strength	Width : 18m Surface : Asphalt-concrete Strength : PCN 19/F/B/Y/T
3	ACL and elevation	Not Available
4	VOR checkpoints	Not Available
5	INS checkpoints	Not Available
6	Remarks	Nil

**ROMD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY:RWY02/20 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) REDL, RTHL, RENL TWY: (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area

**ROMD AD 2.10 AERODROME OBSTACLES**

In Area2 Nil

In Area3 To be developed

## ROMD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NAHA
2	Hours of service MET Office outside hours	H24(NAHA)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at NAHA.
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2</sub> /T <sub>r</sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> , P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	RADIO
10	Additional information(limitation of service, etc.)	Nil

## ROMD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
02	To be issued later	1500x45	PCN 19/F/B/Y/T	255023.94N 1311541.26E	THR ELEV : 167FT
20		1500x45	Asphalt-concrete	255110.87N 1311555.80E	THR ELEV : 149FT
Slope of RWY	Strip Dimensions(M)	RESA (Overrun) Dimensions (M)	Remarks		
7	10	11	14		
SEE AD2.24 AD chart	1620x150 1620x150	40x151 41x151	RWY grooving : 1500m×30m		

## ROMD AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
02	1500	1500	1500	1500	Nil
20	1500	1500	1500	1500	Nil

## ROMD AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
02	Nil	Green	PAPI 3.0°/LEFT 299.5M 45FT	Nil	Nil	1500m 60m Coded color (White/Yellow) LIH	Red	Nil
20	Nil	Green	PAPI 3.0°/LEFT 257.3m 45FT	Nil	Nil	1500m 60m Coded color (White/Yellow) LIH	Red	Nil
Remarks								
10								
RWY THR ID LGT for RWY 02/20 THR (Color:White)								

## ROMD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: 255043N/1311556E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI:Nil Anemometer:600m to MID FM RWY 02 THR, LGTD
3	TWY edge and center line lighting	TWY edge LGT installed, see AD2.9
4	Secondary power supply/ switch-over time	ALL LGT/Within 15 sec
5	Remarks	WDI LGT

## ROMD AD 2.16 HELICOPTER LANDING AREA

Nil
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## ROMD AD 2.17 ATS AIRSPACE

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Minamidaito Information Zone	Area within a radius of 5nm(9km) of ARP excluding the north side of the line between the intersections of swinging arcs 5nm(9km) in radius from Minamidaito ARP and Kitadaito ARP	3,000 or below	E	Daito Radio En	Nil

## ROMD AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Daito Radio	118.55MHz	2300 - 0900	Operated by Naha Airport Office.

## ROMD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (5°W/2014)	MDE	117.8MHz	H24	255116.14N/ 1311549.64E		
DME	MDE	1212MHz (CH-125X)	H24	255116.14N/ 1311549.64E		

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## ROMD AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil
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2. Taxiing to and from stands

Nil
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3. Parking area for small aircraft(General aviation)

Nil
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4. Parking area for helicopters

Nil
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5. Apron - taxiing during winter conditions

Nil
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6. Taxiing - limitations

Nil
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7. School and training flights - technical test flights - use of runways

Nil
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8. Helicopter traffic - limitation

Nil
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9. Removal of disabled aircraft from runways

Nil
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**ROMD AD 2.21 NOISE ABATEMENT PROCEDURES**

Nil

**ROMD AD 2.22 FLIGHT PROCEDURES****TAKE OFF MINIMA**

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	02	A,B,C	-	-	-	200'- 1600m	-	200'- 1600m
	20	A,B,C	-	-	-	0'- 400m	-	0'- 500m
OTHER	02	A,B,C	AVBL LDG MINIMA					
	20	A,B,C						

**ROMD AD 2.23 ADDITIONAL INFORMATION**

Nil

**ROMD AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart  
 Standard Departure Chart - Instrument (TOPAT, MINAMIDAITO)  
 Standard Departure Chart - Instrument (CORCO SOUTH-RNAV)  
 Instrument Approach Chart (VOR RWY02)  
 Instrument Approach Chart (VOR RWY20)  
 Instrument Approach Chart (RNAV(GNSS) RWY02)  
 Instrument Approach Chart (RNAV(GNSS) RWY20)  
 Other Chart (Visual REP)  
 Other Chart (MVA Chart)



## AD CHART

MINAMIDAITO AP



REMARKS :	WIDTH OF RWY	1500m x 45m
	WIDTH OF TWY	18m x 77.5m
	RWY GROOVING	1500m x 30m
	STRENGTH OF RWY	PCN 19/F/B/Y/T
	STRENGTH OF TWY	PCN 19/F/B/Y/T
	STRENGTH OF APRON	PCN 19/F/B/Y/T

## LONGITUDINAL PROFILE OF RWY



STANDARD DEPARTURE CHART -INSTRUMENT

ROMD / MINAMIDAITO

SID

TOPAT THREE DEPARTURE

RWY02 : Climb RWY HDG to 600FT, turn left HDG234°...  
RWY20 : Climb RWY HDG to 600FT, turn right HDG324°...  
... to intercept and proceed via MDE R279 to TOPAT.  
Cross TOPAT at or above 8000FT.



TOPAT THREE DEPARTURE

8000

△ ← 279°  
TOPAT  
R279/D97.8 MDE  
R103/D98.8 NHC

HDG234°

R279

HDG324°

VOR/DME  
MINAMIDAITO  
117.8 MDE  
CH-125X  
25°51'16"N/131°15'50"E  
200FT

600

600

## STANDARD DEPARTURE CHART -INSTRUMENT

ROMD / MINAMIDAITO

SID

MINAMIDAITO REVERSAL FOUR DEPARTURE

RWY 02 : Climb RWY HDG to 1000FT, turn right...

RWY 20 : Climb RWY HDG to 1000FT, turn left...

... direct to MDE VOR/DME.

Cross MDE VOR/DME at or above 2000FT.

MINAMIDAITO REVERSAL FOUR DEPARTURE

## STANDARD DEPARTURE CHART - INSTRUMENT

ROMD / MINAMIDAITO

RNAV SID

## CORCO SOUTH ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 5°W (2015)

CORCO SOUTH ONE DEPARTURE

RWY02 : Climb on HDG021° at or above 600FT, turn left direct to CORCO at or above 5000FT.

RWY20 : Climb on HDG201° at or above 600FT, turn right direct to CORCO at or above 5000FT.

## RWY02

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	—	—	021 (015.6)	-4.9	—	—	+600	—	—	Basic RNP1
002	DF	CORCO	—	—	-4.9	—	L	+5000	—	—	Basic RNP1

## RWY20

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	—	—	201 (195.6)	-4.9	—	—	+600	—	—	Basic RNP1
002	DF	CORCO	—	—	-4.9	—	R	+5000	—	—	Basic RNP1

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

VOR RWY02



## INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

VOR RWY20

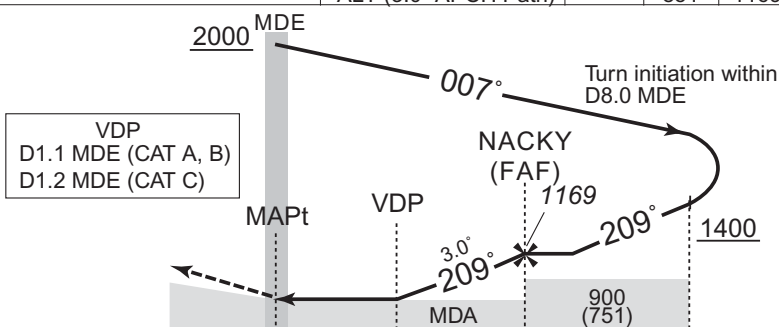
FUKUOKA CONTROL 124.5 - 279.5	MINAMIDAITO VOR/DME 117.8 MDE CH-125X 25°51'16"N/131°15'50"E	DAITO RADIO 118.55 AFIS provided by Naha Airport Office	NO RADAR
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## MISSED APPROACH

Climb via MDE R209 to 1500FT,  
turn left, direct to MDE VOR/DME  
and hold at 2000FT.  
Contact DAITO RADIO.

Timing not authorized for defining the MAPt.



DME to/from MDE

0.10

3.0

NM to THR

0 0.1

3.1

MINIMA THR elev. 149 AD elev. 158

CAT	CIRCLING			
	MDA(H)	CMV	MDA(H)	VIS
A	550 (401)	1500	600 (442)	1600
B			610 (452)	
C	560 (411)	1800	620 (462)	2400
D	-	-	-	-

CHANGE : ATC call sign.

## ROMD / MINAMIDAITO

FUKUOKA CONTROL  
124.5 - 279.5

1. DME/DME RNP0.3 not authorized.
2. RNP0.3 required.
3. GNSS required.

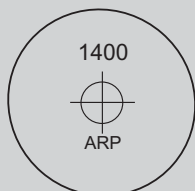
DAITO RADIO  
118.55  
AFIS provided  
by Naha Airport Office

NO RADAR

Baro-VNAV not authorized below 5°C

VAR 5°W (2015)

MSA 25NM

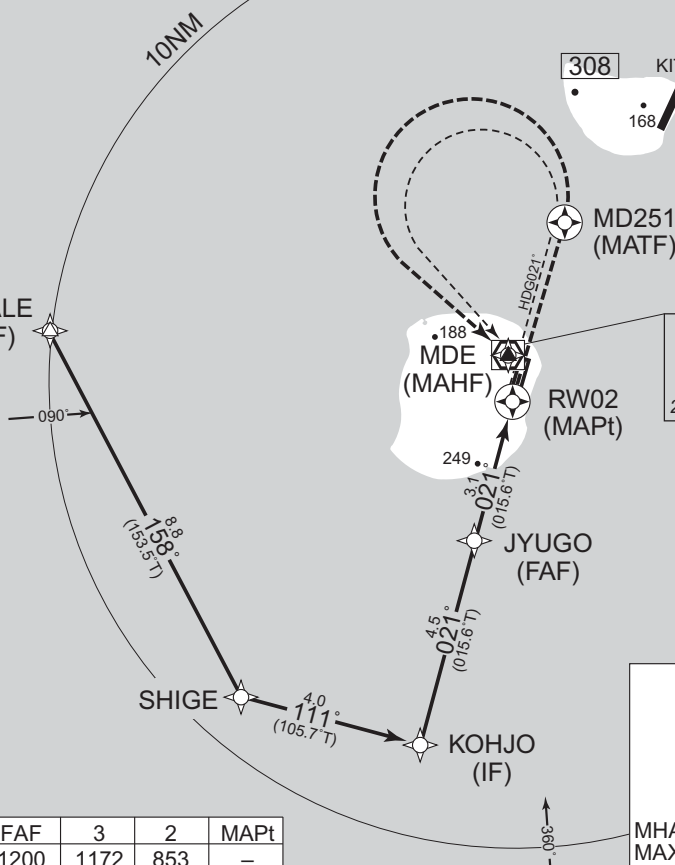


ARP : 255048N / 1311549E

WHALE  
(IAF)

WHALE (IAF)	255203.25N 1310446.65E
SHIGE	254409.02N 1310909.30E
KOHJO (IF)	254304.20N 1311325.19E
JYUGO (FAF)	254724.92N 1311445.83E
RW02 (MAPt)	255023.94N 1311541.26E
MD251 (MATF)	255420.02N 1311654.45E
MDE (MAHF)	255116.14N 1311549.64E

NM to Next Fix	FAF	3	2	MAPt
ALT (3.0° APCH Path)	1200	1172	853	—

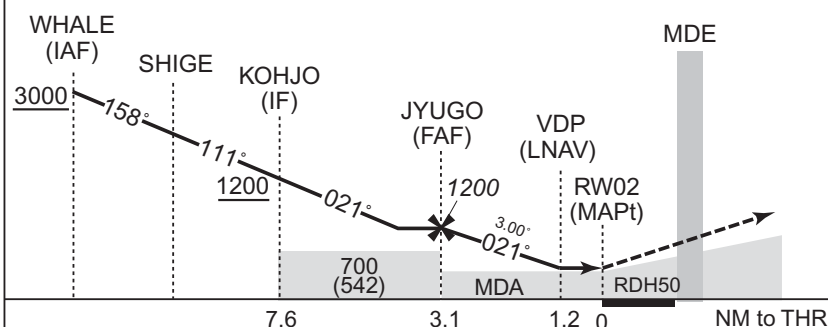


— VOR/DME —  
MINAMIDAITO  
117.8 MDE  
H-125X  $\equiv \equiv$   
51°16'N/131°15'50"E

Diagram illustrating a VOR/DME station (WHALE D10.0 MDE) with two bearings:

- Bearing 279° to D14.0 MDE
- Bearing 099° to D10.0 MDE

The station is labeled "WHALE D10.0 MDE" and "MDE VOR/DME". The aircraft is labeled "MHA 3000 MAX 175KIAS".



### MISSED APPROACH

Climb direct to MD251, turn left direct to MDE and hold at 2000FT.  
Contact DAITO RADIO.

(For using VOR/DME)  
Climb to 1000FT on HDG021°, turn left,  
direct to MDE VOR/DME and hold at  
2000FT.  
Contact DAITO RADIO.

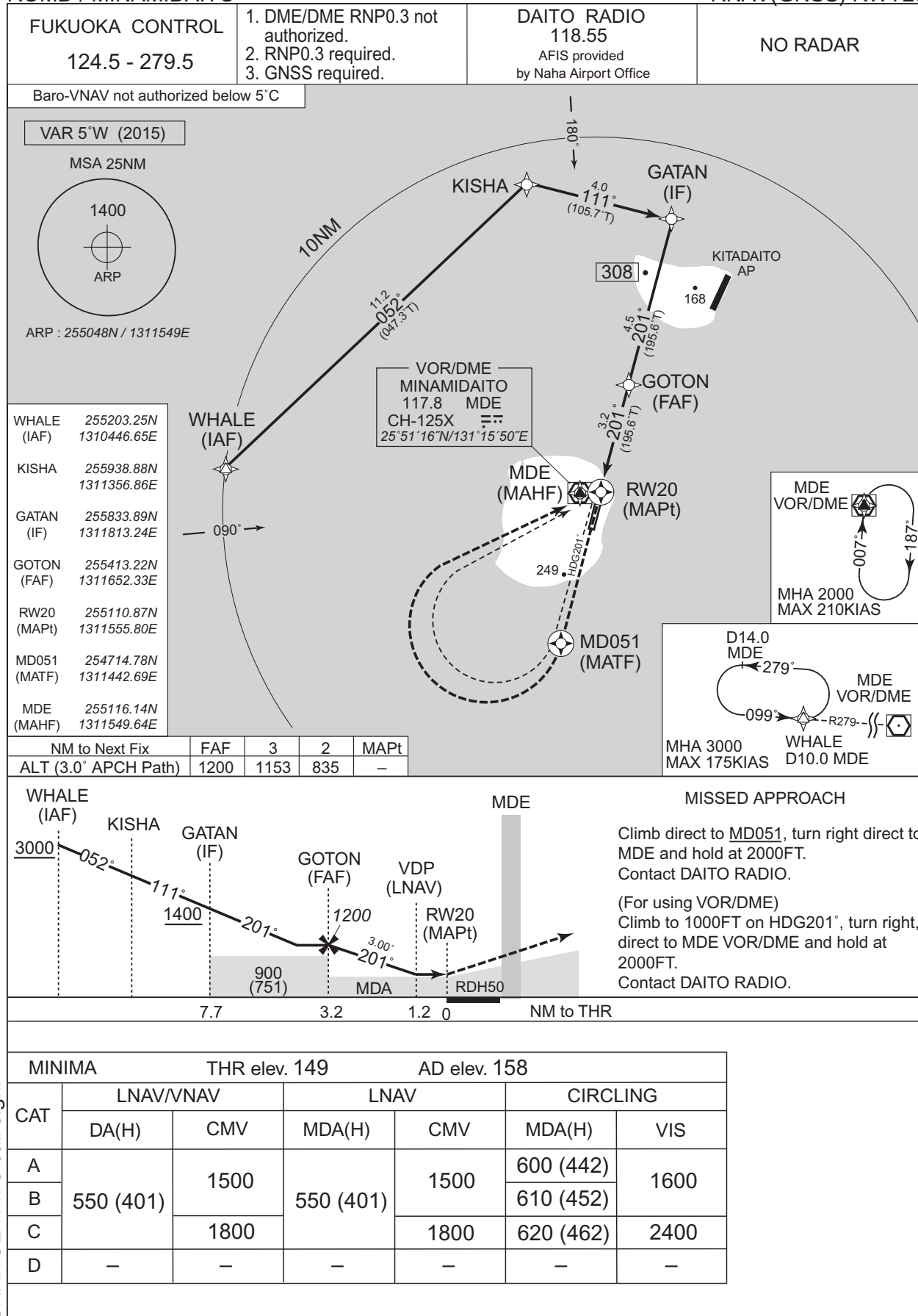
CHANGE : ATC call sign.

MINIMA		THR elev. 167		AD elev. 158		
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA (H)	VIS
A	550 (383)	1500	550 (392)	1500	600 (442)	1600
B					610 (452)	
C		1800		1800	620 (462)	2400
D	—	—	—	—	—	—

## INSTRUMENT APPROACH CHART

## ROMD / MINAMIDAITO

## RNAV(GNSS) RWY20



CHANGE : ATC call sign.





※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).

CHANGE : Map updated. BRG/DIST from ARP.

Call sign	BRG / DIST from ARP	Remarks
10NM N	360°T / 10.0NM	海上 Over the sea
北大東島 Kitadaitojima	030°T / 6.8NM	北大東空港 Kitadaito Airport
10NM W	270°T / 10.0NM	海上 Over the sea

ROMD / MINAMIDAITO

Minimum Vectoring Altitude CHART

CHANGE : Shape of segment. Minimum vectoring altitude.

