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_6, U_{85}, U_7, U_5, U_3, U_{25}, U_2/T_r, P_S, P_5, P_3, P_{25}, P_{SWE}, P_{SWF}, P_{SWG}, P_{SWI}, P_{SWM}, P_{SW}(domestic), E, C, W_E, W_F, W_G, W_I, 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	1500×45	PCN 19/F/B/Y/T	*255023.94N* *1311541.26E*	THR ELEV : 167FT
20		1500×45	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	1620×150	40×151	RWY grooving : 1500m×30m
	1620×150	41×151	

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 Anemometor: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

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*		

ROMD AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

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

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

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						

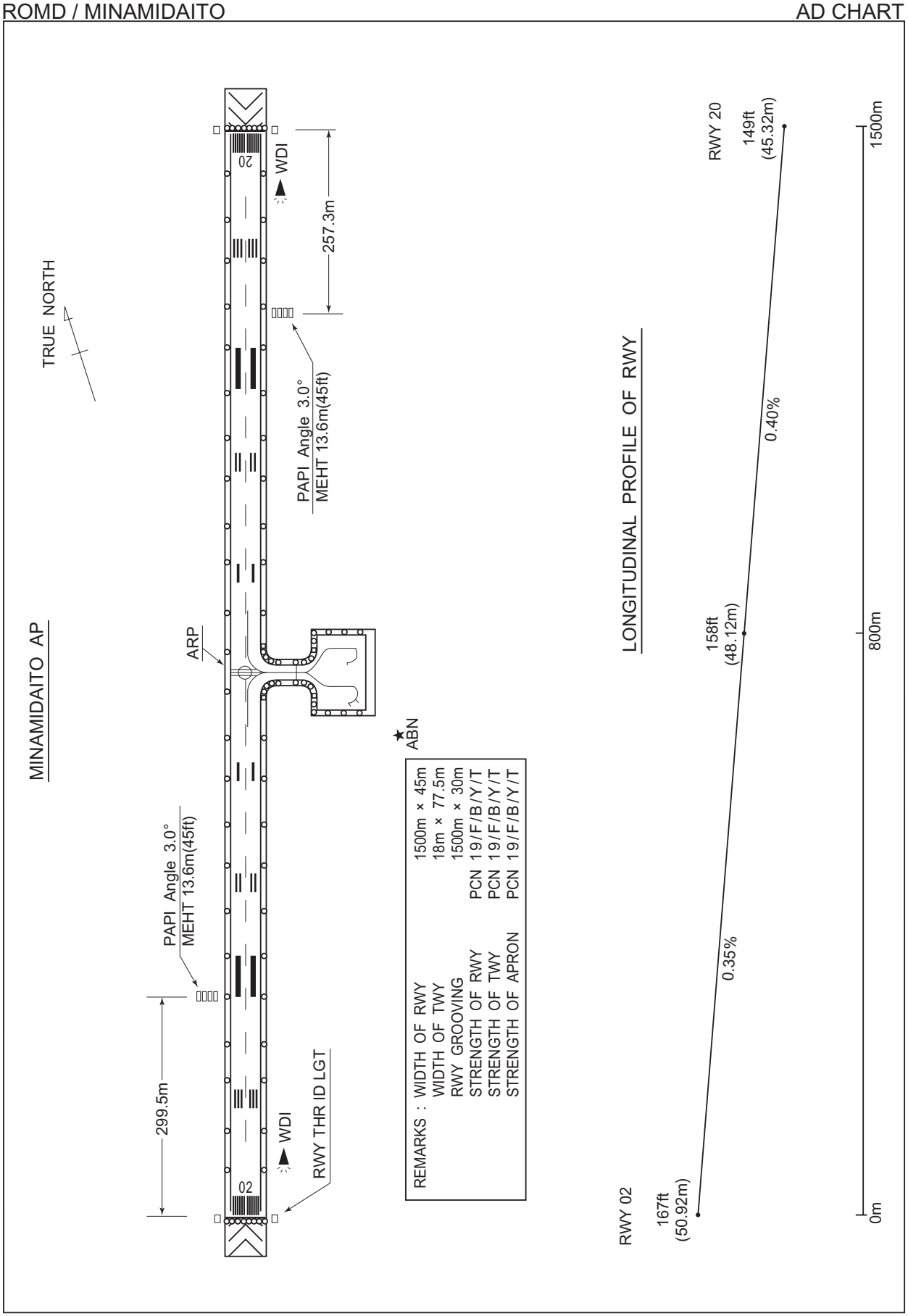
ROMD AD 2.23 ADDITIONAL INFORMATION

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)

ROMD / MINAMIDAITO AD CHART



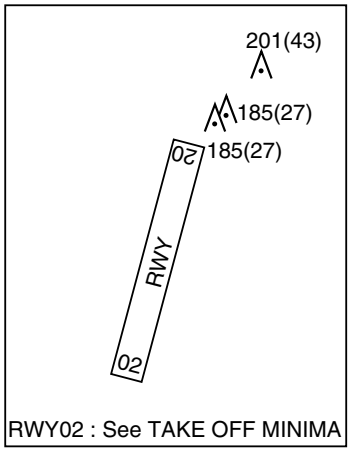
CHANGE : WDI abolished.

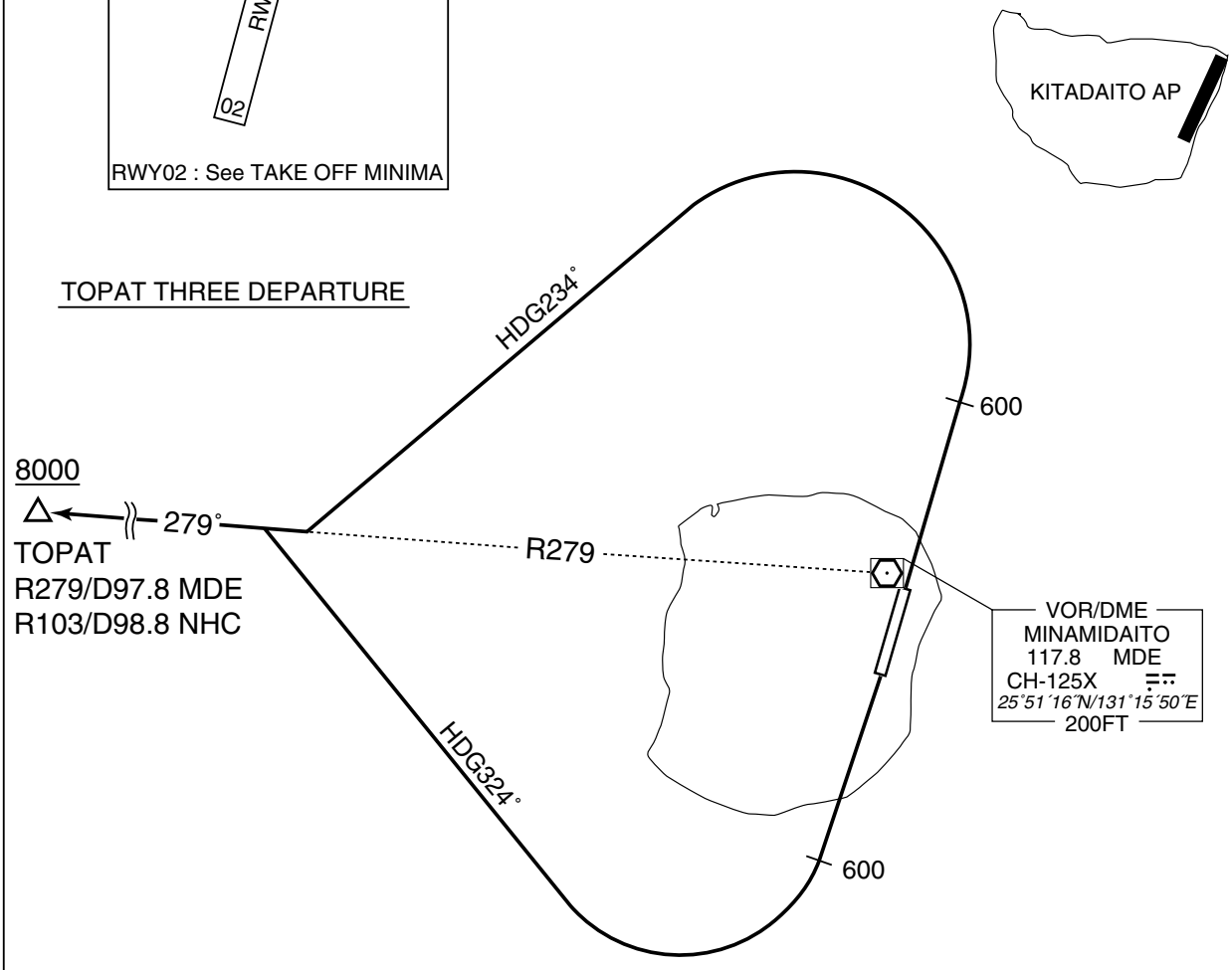
STANDARD DEPARTURE CHART -INSTRUMENT

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.



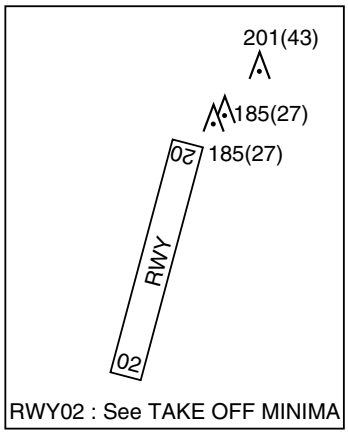


STANDARD DEPARTURE CHART -INSTRUMENT

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.



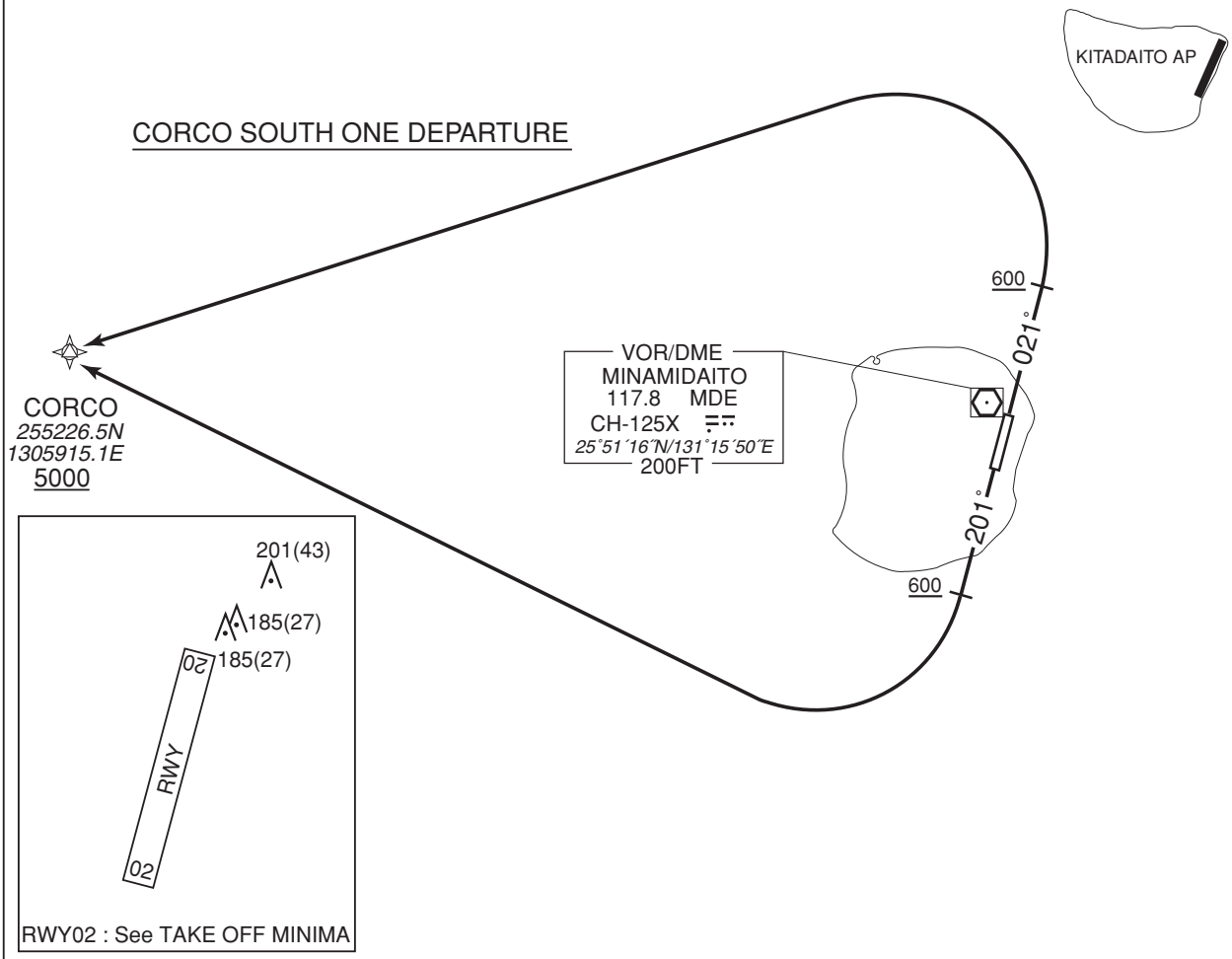
STANDARD DEPARTURE CHART - INSTRUMENT

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

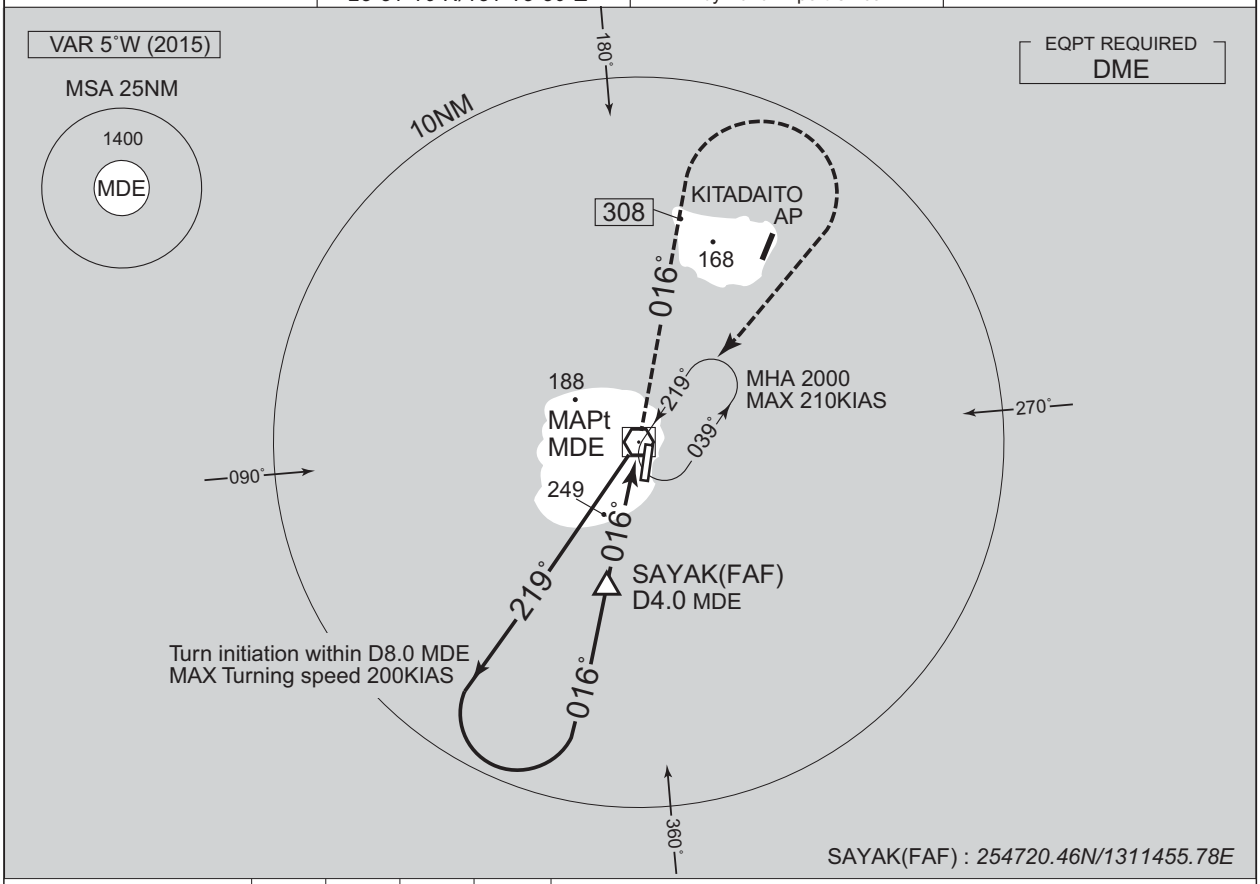
RWY20

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

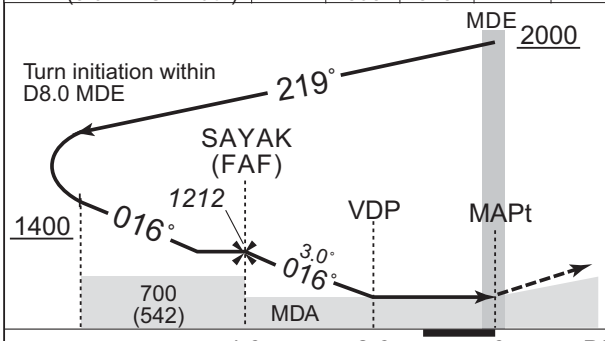
INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO VOR RWY02

KOBE CONTROL	MINAMIDAITO VOR/DME	DAITO RADIO	NO RADAR
124.5 - 279.5	117.8 MDE CH-125X *25˚51´16˝N/131˚15´50˝E*	118.55 AFIS provided by Naha Airport Office	



NM to MDE	FAF	3	2	MAPt
ALT (3.0˚ APCH Path)	1212	893	575	–



MISSED APPROACH

Climb via MDE R016 to 1500FT,
turn right, direct to MDE VOR/DME
and hold at 2000FT.
Contact DAITO RADIO.

Timing not authorized for defining the MAPt.

4.0	2.0	0.9	0	DME to MDE
3.1	1.1	0		NM to THR

MINIMA THR elev. 167 AD elev. 158

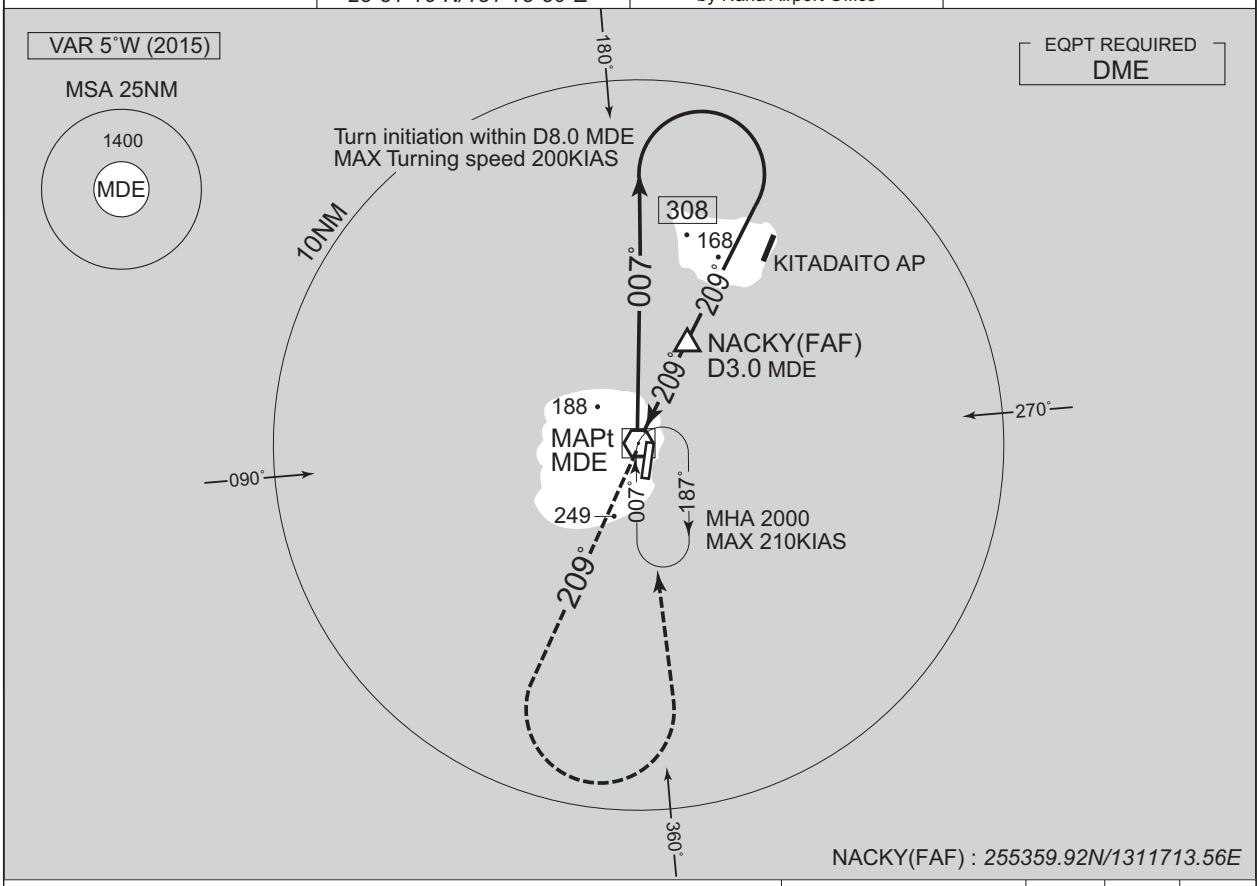
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	550 (392)	1500	600 (442)	1600
B			610 (452)	
C		1800	620 (462)	2400
D	–	–	–	–

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

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO VOR RWY20

KOBE CONTROL	MINAMIDAITO VOR/DME	DAITO RADIO	NO RADAR
124.5 - 279.5	117.8 MDE CH-125X *25˚51´16˝N/131˚15´50˝E*	118.55 AFIS provided by Naha Airport Office	



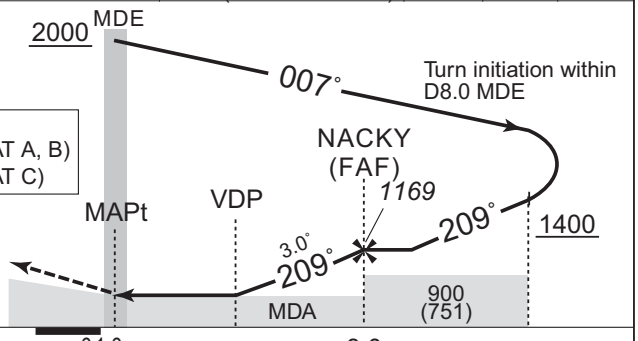
NM to MDE	MAPt	2	FAF
ALT (3.0˚ APCH Path)	–	851	1169

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.

VDP
D1.1 MDE (CAT A, B)
D1.2 MDE (CAT C)



DME to/from MDE	0.1 0		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 : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO RNAV(GNSS) RWY02

KOBE CONTROL	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
124.5 - 279.5			

Baro-VNAV not authorized below 5˚C

VAR 5˚W (2015)

MSA 25NM

1400

ARP

ARP : *255048N / 1311549E*

10NM

308 KITADAITO AP

168

MD251 (MATF)

HDG021˚

188

MDE (MAHF)

RW02 (MAPt)

249

WHALE (IAF)

090˚

8.8 158˚ (153.5˚T)

SHIGE

4.0 111˚ (105.7˚T)

KOHJO (IF)

4.5 021˚ (015.6˚T)

JYUGO (FAF)

3.1 021˚ (015.6˚T)

VOR/DME
MINAMIDAITO
117.8 MDE
CH-125X
25˚51´16˝N/131˚15´50˝E

270

360˚

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*

MHA 2000
MAX 210KIAS

219˚

039˚

MDE
VOR/DME

D14.0 MDE

279˚

099˚

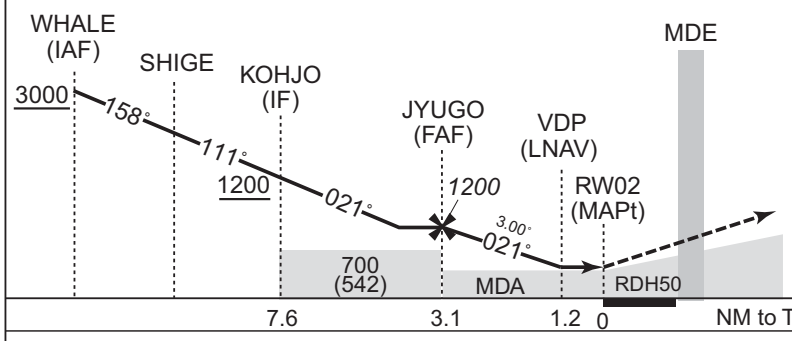
R279˚

MDE
VOR/DME

WHALE
D10.0 MDE

MHA 3000
MAX 175KIAS

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



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

MINIMA THR elev. 167 AD elev. 158

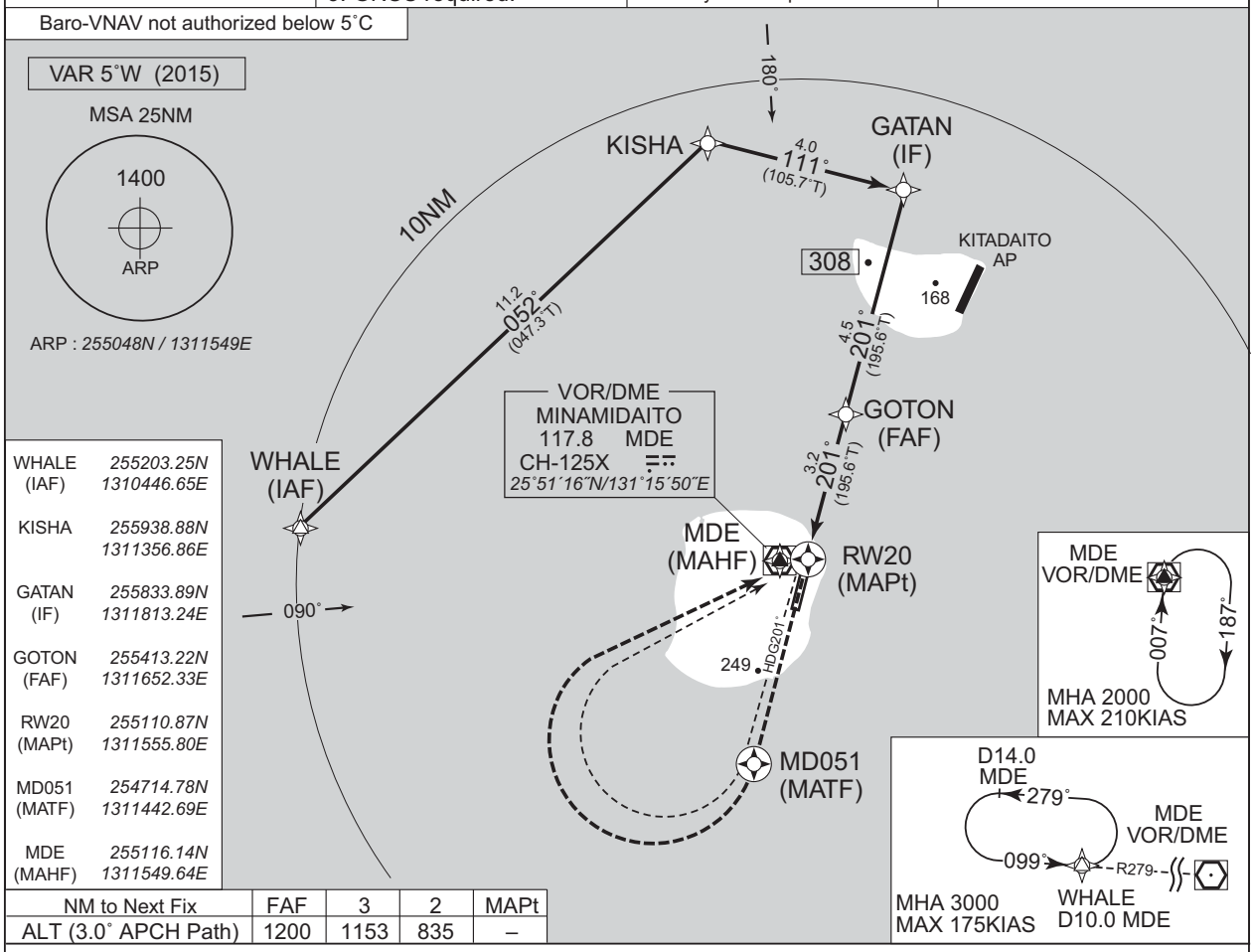
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA (H)	VIS
A	550 (383)	1500	550 (392)	1500	600 (442)	1600
B					610 (452)	
C		1800		1800	620 (462)	2400
D	–	–	–	–	–	–

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO — RNAV(GNSS) RWY20

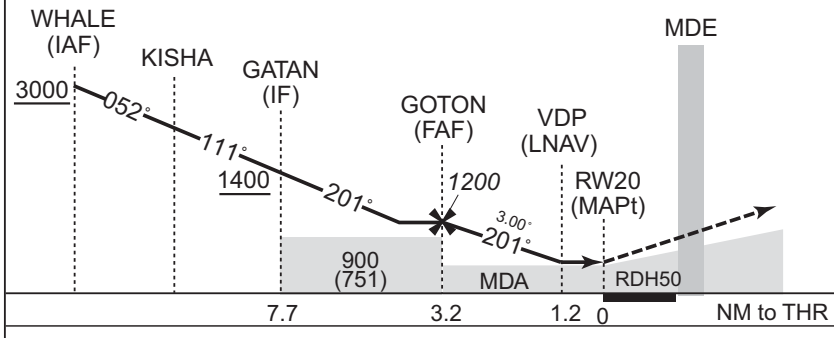
KOBE CONTROL	1. DME/DME RNP0.3 not authorized. 2. RNP0.3 required. 3. GNSS required.	DAITO RADIO 118.55 AFIS provided by Naha Airport Office	NO RADAR
124.5 - 279.5			

Baro-VNAV not authorized below 5˚C



WHALE (IAF)	255203.25N 1310446.65E
KISHA	255938.88N 1311356.86E
GATAN (IF)	255833.89N 1311813.24E
GOTON (FAF)	255413.22N 1311652.33E
RW20 (MAPt)	255110.87N 1311555.80E
MD051 (MATF)	254714.78N 1311442.69E
MDE (MAHF)	255116.14N 1311549.64E

NM to Next Fix	FAF	3	2	MAPt
ALT (3.0˚ APCH Path)	1200	1153	835	–



MISSED APPROACH

Climb direct to MD051, turn right direct to MDE and hold at 2000FT.
Contact DAITO RADIO.

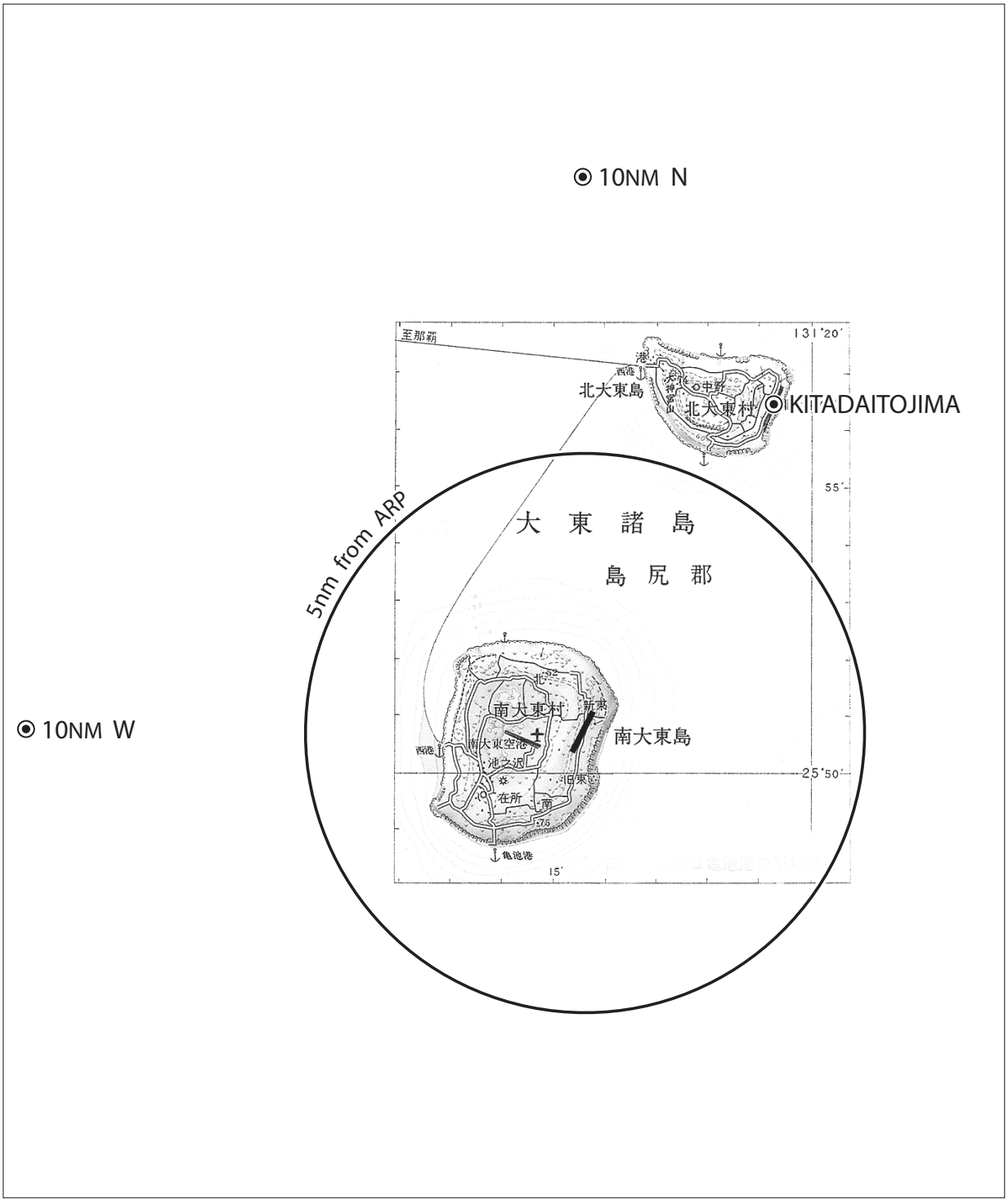
(For using VOR/DME)
Climb to 1000FT on HDG201˚, turn right, direct to MDE VOR/DME and hold at 2000FT.
Contact DAITO RADIO.

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

MINIMA	THR elev. 149		AD elev. 158			
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	550 (401)	1500	550 (401)	1500	600 (442)	1600
B					610 (452)	
C		1800		1800	620 (462)	2400
D	–	–	–	–	–	–

ROMD / MINAMI DAITO

Visual REP



Call sign	BRG / DIST from ARP	Remarks
10NM N	000°/10NM	海上 Over the sea
10NM W	270°/10NM	海上 Over the sea
北 大 東 島 Kitadaitojima	035°/6.7NM	北大東空港 Kitadaito Airport

ROMD / MINAMIDAITO Minimum Vectoring Altitude CHART