

## 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	6° W(2024) / 6°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	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 : PCR 196/F/C/Y/T
2	Taxiway width, surface and strength	Width : 18m Surface : Asphalt-concrete Strength : PCR 196/F/C/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(PCR) 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	015.66°	1500×45	PCR 196/F/C/Y/T	255023.94N 1311541.26E	THR ELEV : 167FT
20	195.66°	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		90×151	RWY grooving : 1500m×30m	
	1620×150		90×151		

## 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 257.5m 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
-----

## 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 (RNP Z RWY02 (AR)) Instrument Approach Chart (RNP Y RWY02) Instrument Approach Chart (RNP Z RWY20 (AR)) Instrument Approach Chart (RNP Y RWY20) Other Chart (Visual REP) Other Chart (MVA Chart)
---

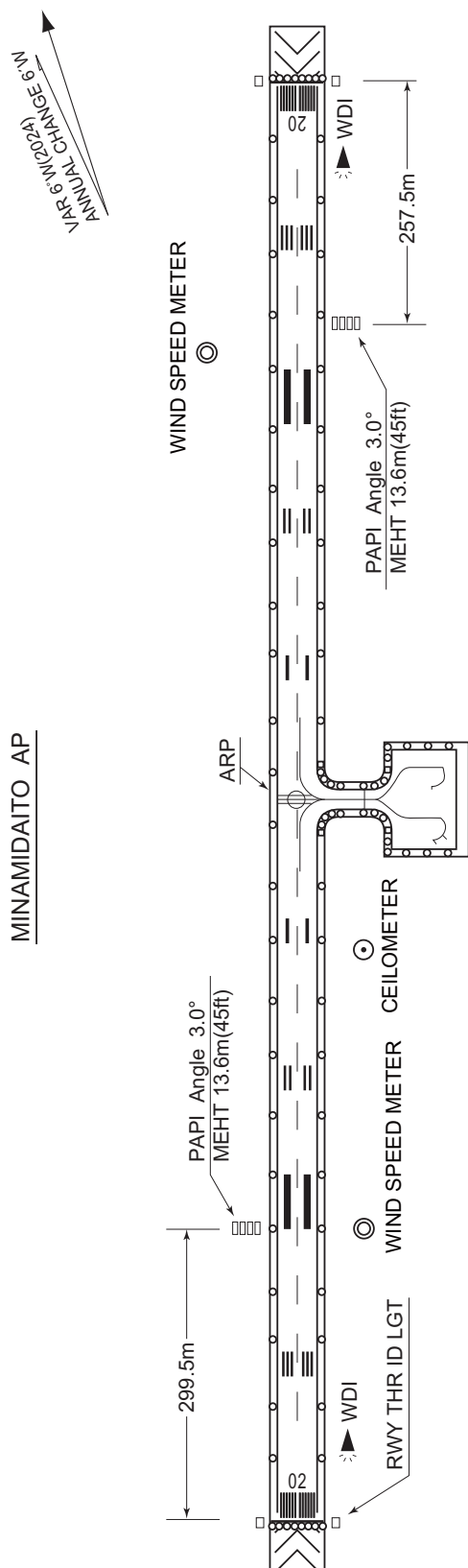


## ROMD / MINAMIDAITO

## AD CHART

CHANGE : WIND SPEED METER, CEILOMETER added.

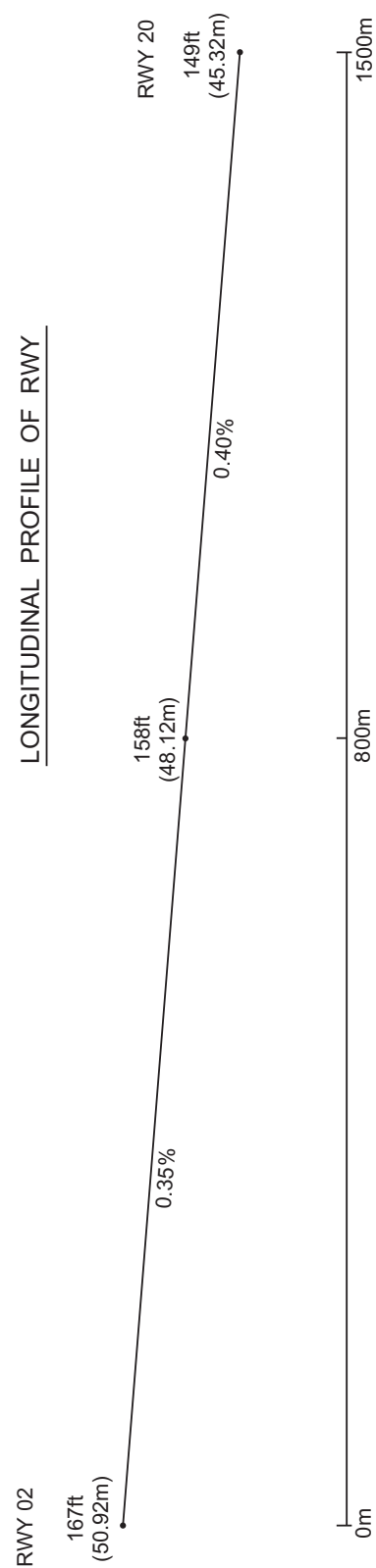
MINAMIDAITO AP



★ ABN

REMARKS :	WIDTH OF RWY	1500m x 45m
	WIDTH OF TWY	18m x 77.5m
	RWY GROOVING	1500m x 30m
	STRENGTH OF RWY	PCR 196/F/C/Y/T
	STRENGTH OF TWY	PCR 196/F/C/Y/T
	STRENGTH OF APRON	PCR 196/F/C/Y/T

## LONGITUDINAL PROFILE OF RWY



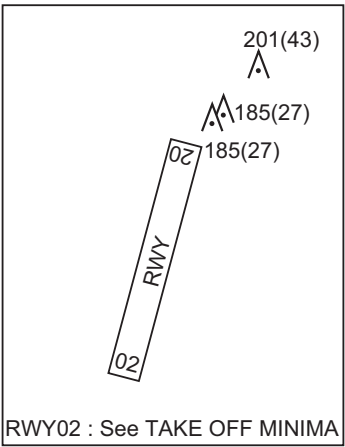
STANDARD DEPARTURE CHART -INSTRUMENT

ROMD / MINAMIDAITO

SID

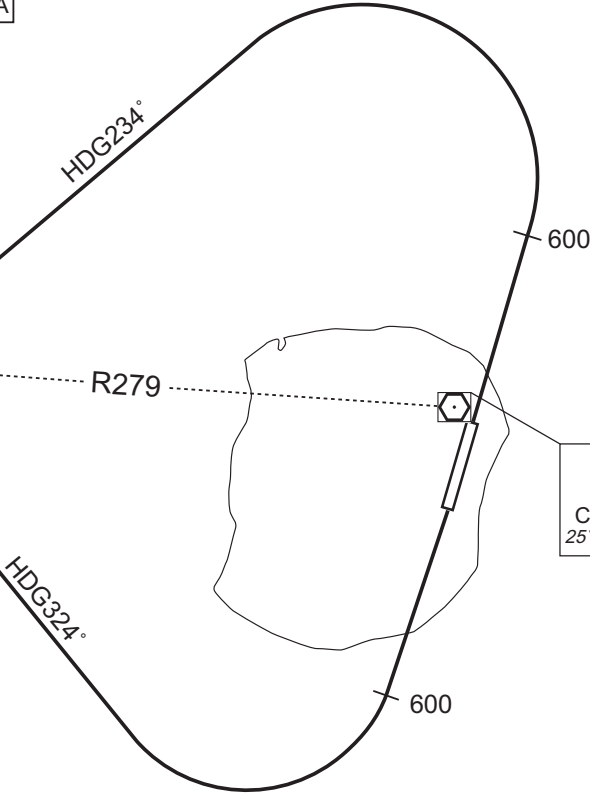
TOPAT THREE DEPARTURE

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.



CHANGE : Description of PROC name.

8000  
△ TOPAT  
R279/D97.8 MDE  
R103/D98.8 NHC



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

## STANDARD DEPARTURE CHART -INSTRUMENT

ROMD / MINAMIDAITO

SID

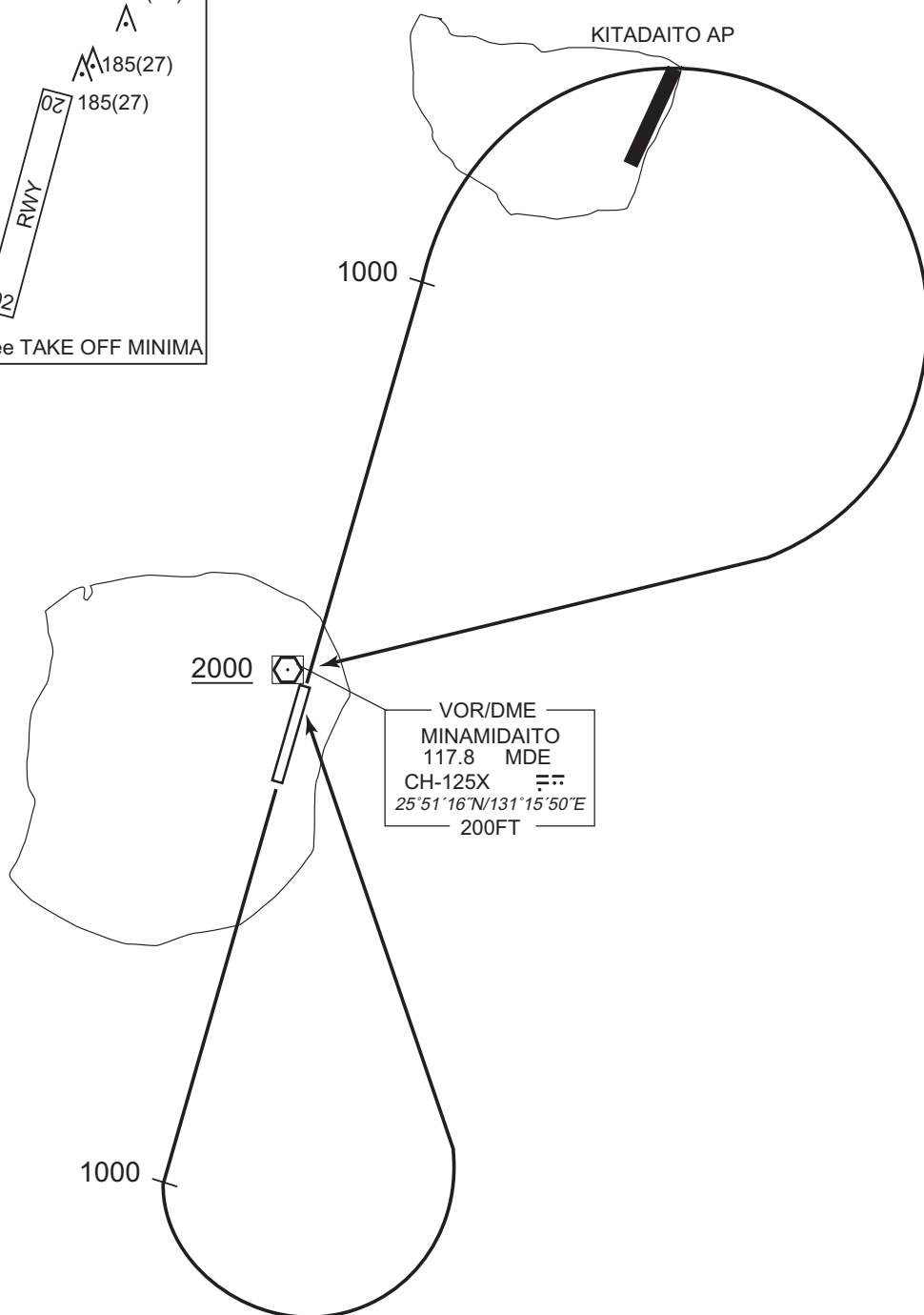
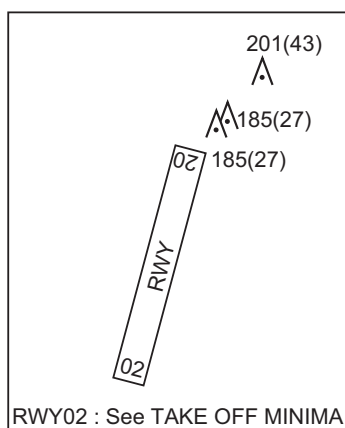
MINAMIDAITO REVERSAL FOUR DEPARTURE

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.



CHANGE : Description of PROC name.

STANDARD DEPARTURE CHART - INSTRUMENT

ROMD / MINAMIDAITO

RNAV SID

CORCO SOUTH ONE DEPARTURE

RNP1

Note GNSS required.

VAR 6°W

CORCO 5000

KITADAITO AP

600 021°

600 201°

201(43)

185(27)

185(27)

02

RWY

RWY02 : See TAKE OFF MINIMA

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)	-5.7	—	—	+600	—	—	RNP1
002	DF	CORCO	—	—	-5.7	—	L	+5000	—	—	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)	-5.7	—	—	+600	—	—	RNP1
002	DF	CORCO	—	—	-5.7	—	R	+5000	—	—	RNP1

Waypoint Coordinates

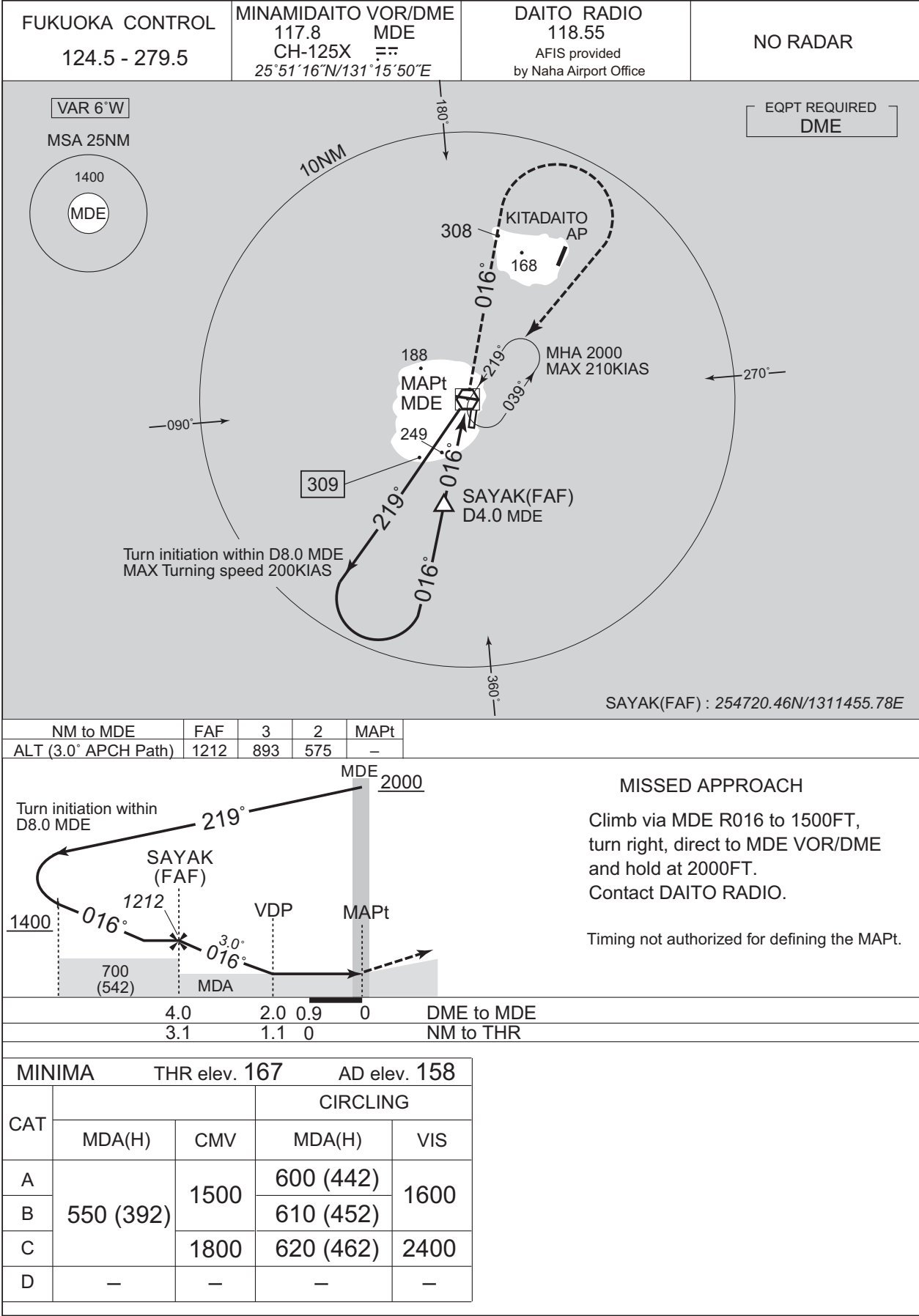
Waypoint Identifier	Coordinates
CORCO	255226.5N / 1305915.1E

CHANGE : VAR. Waypoint Coordinates added.

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

VOR RWY02



CHANGE : VAR OBST.

## ROMD / MINAMIDAITO

VOR RWY20

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

Figure 1 illustrates a 3D flight path in a coordinate system with axes X, Y, and Z. The path starts at a high altitude (2000) and descends through various altitudes (1169, 1400, 900/751) and headings (007°, 209°, 3.0°). Key points include MAPt, VDP, MDA, and NACKY (FAF). A box on the left indicates "AT A, B) AT C)".

DME to/from MDE	0.10	3.0
NM to THR	0.01	3.1

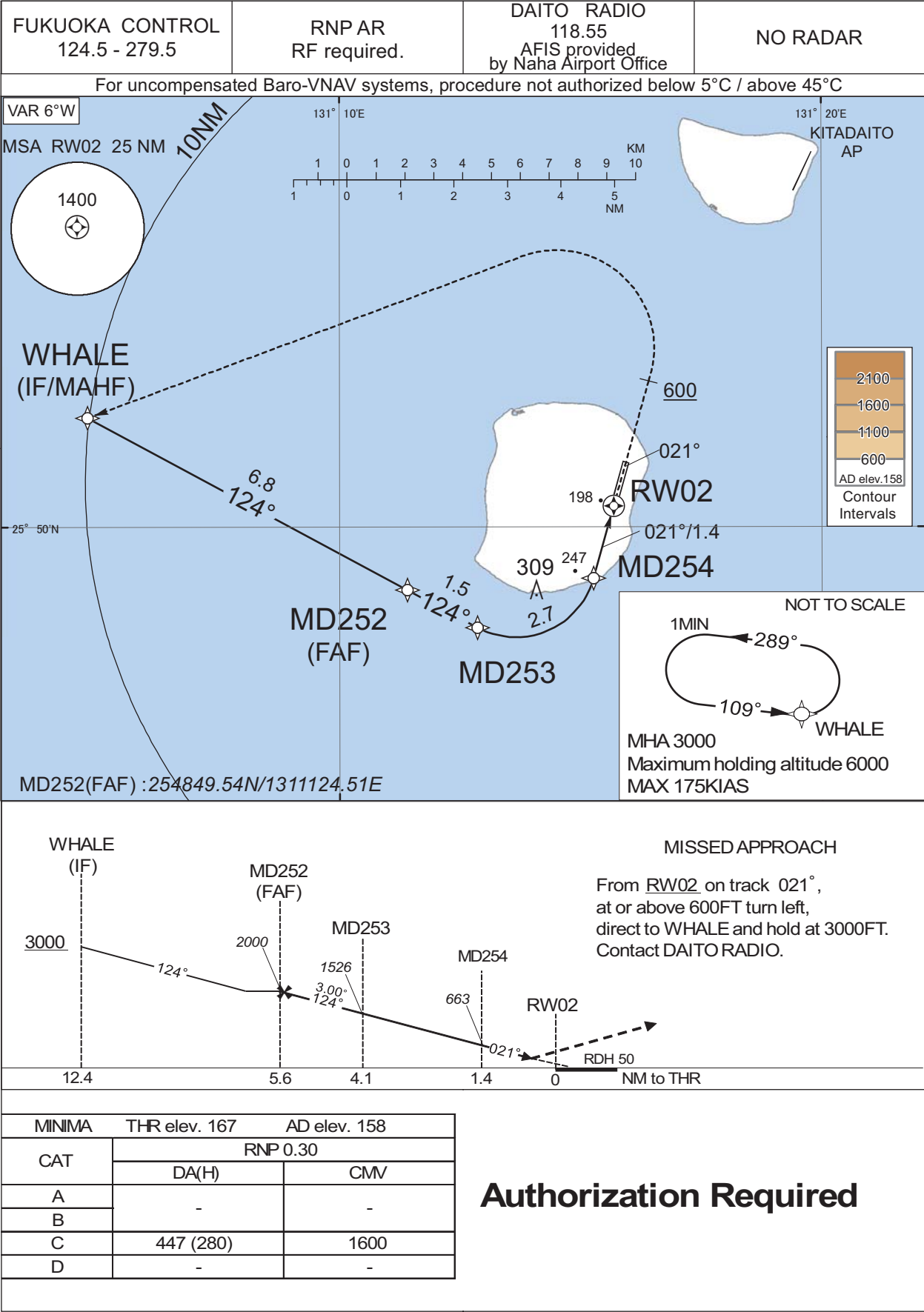
MINIMA		THR elev. 149	AD elev. 158	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	550 (401)	1500	600 (442)	1600
B			610 (452)	
C	560 (411)	1800	620 (462)	2400
D	—	—	—	—

CHANGE: VAR. OBST.

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

RNP Z RWY02(AR)



INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

RNP Z RWY02(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	WHALE	-	-	-5.7	-	-	+3000	-	-	-
002	TF	MD252	-	124 (118.4)	-5.7	6.8	-	2000	-	-	1.0
003	TF	MD253	-	124 (118.4)	-5.7	1.5	-	1526	-	-3.00	0.3
004	RF Center: MDRF1 r=1.51NM	MD254	-	-	-5.7	2.7	L	663	-	-3.00	0.3
005	TF	RW02	Y	021 (015.6)	-5.7	1.4	-	217	-	-3.00/50	0.3
006	FA	-	-	021 (015.6)	-5.7	-	-	+600	-	-	1.0
007	DF	WHALE	-	-	-5.7	-	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	WHALE	109 (103.0)	-5.7	1.0 (-6000)	L	3000	6000	-175 (-6000)	1.0

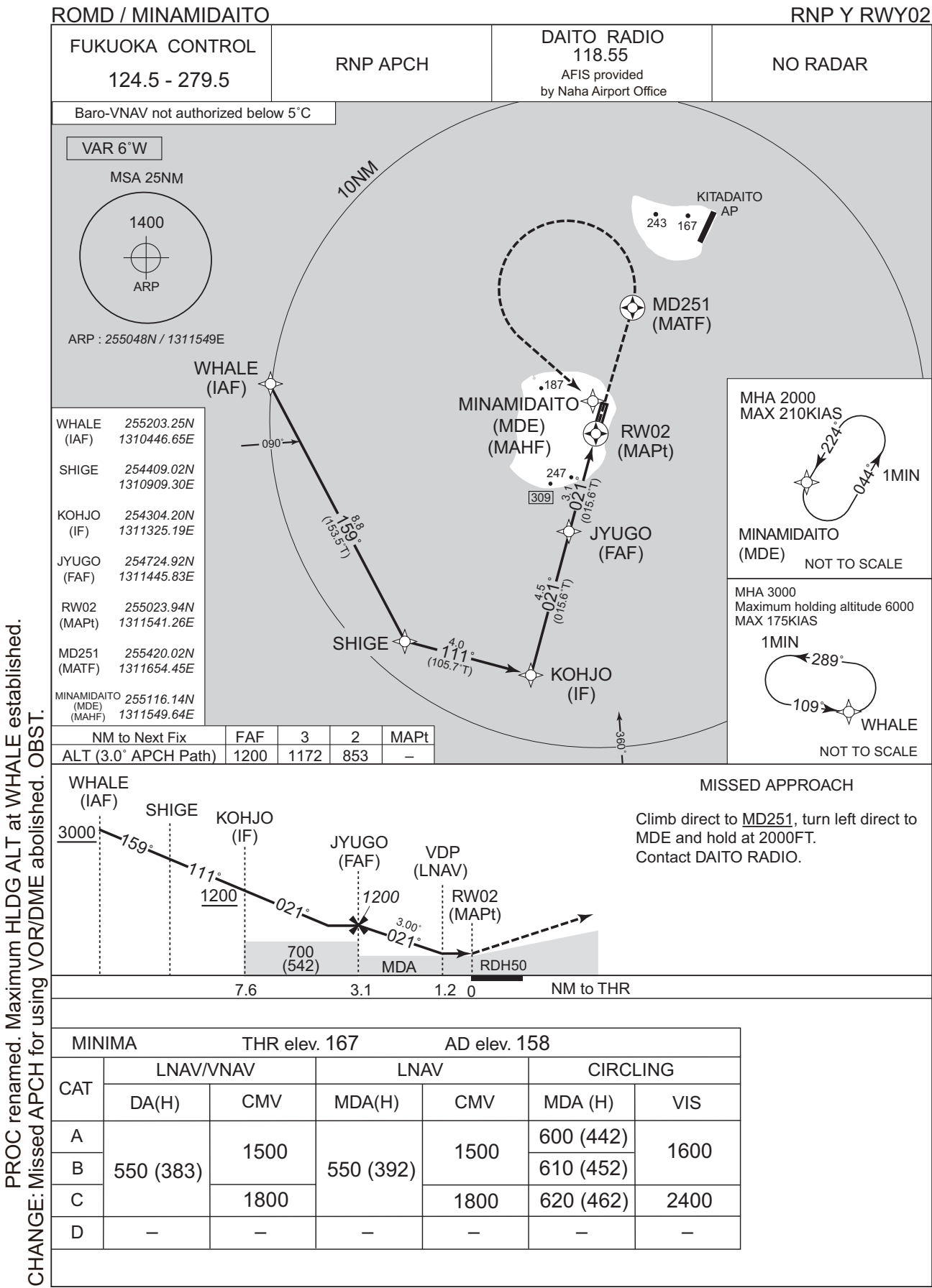
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
WHALE	255203.25N / 1310446.65E	MDRF1	254927.15N / 1311339.29E
MD252	254849.54N / 1311124.51E		
MD253	254807.07N / 1311251.61E		
MD254	254902.61N / 1311516.07E		
RW02	255023.94N / 1311541.26E		

CHANGE : New PROC.



INSTRUMENT APPROACH CHART

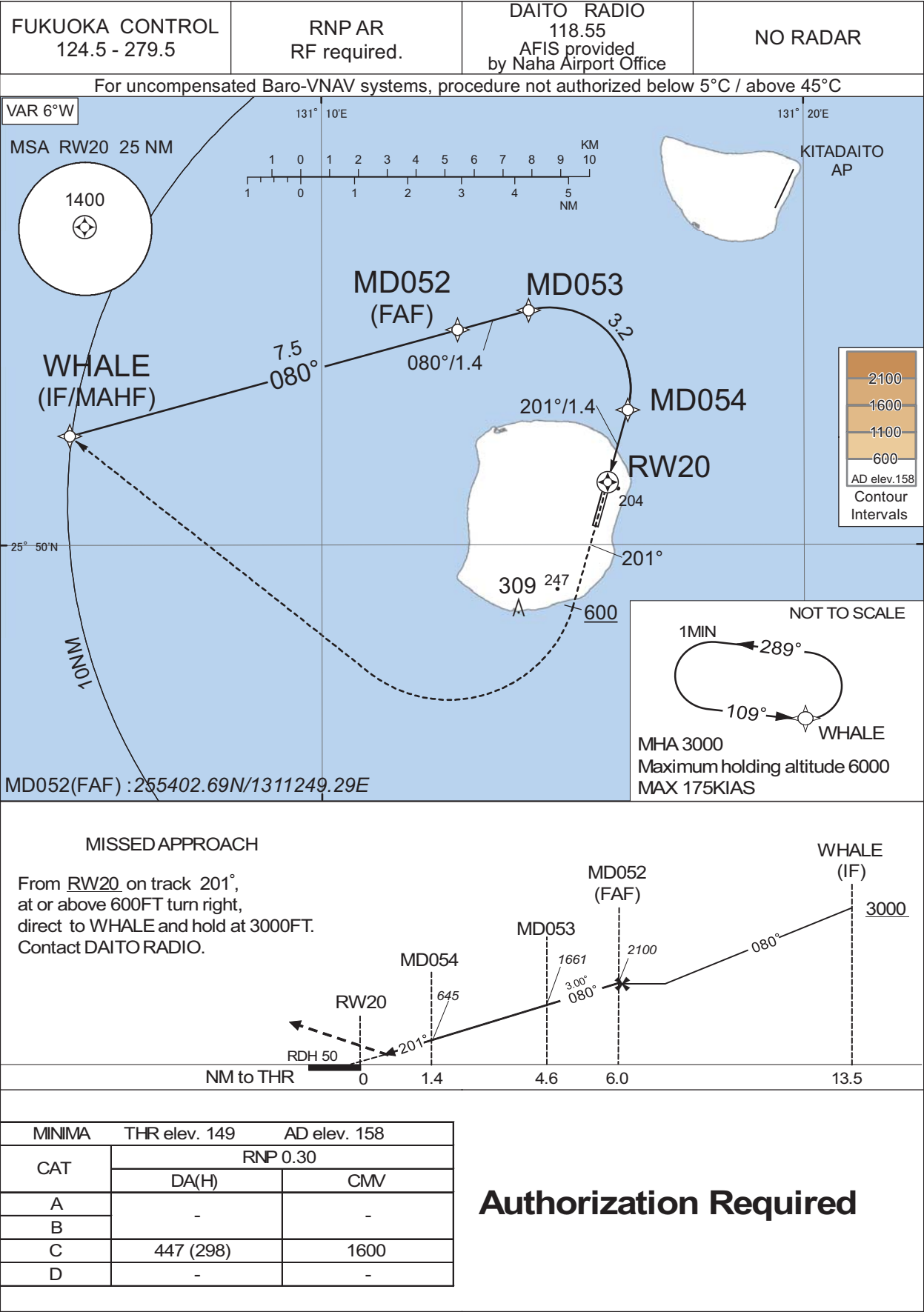


PROC renamed. Maximum HLDG ALT at WHALE established.  
CHANGE: Missed APCH for using VOR/DME abolished. OBST.

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

RNP Z RWY20(AR)



INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

RNP Z RWY20(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	WHALE	-	-	-5.7	-	-	+3000	-	-	-
002	TF	MD052	-	080 (074.6)	-5.7	7.5	-	2100	-	-	1.0
003	TF	MD053	-	080 (074.7)	-5.7	1.4	-	1661	-	-3.00	0.3
004	RF Center: MDRF2 r=1.51NM	MD054	-	-	-5.7	3.2	R	645	-	-3.00	0.3
005	TF	RW20	Y	201 (195.6)	-5.7	1.4	-	199	-	-3.00/50	0.3
006	FA	-	-	201 (195.6)	-5.7	-	-	+600	-	-	1.0
007	DF	WHALE	-	-	-5.7	-	R	3000	-	-	1.0

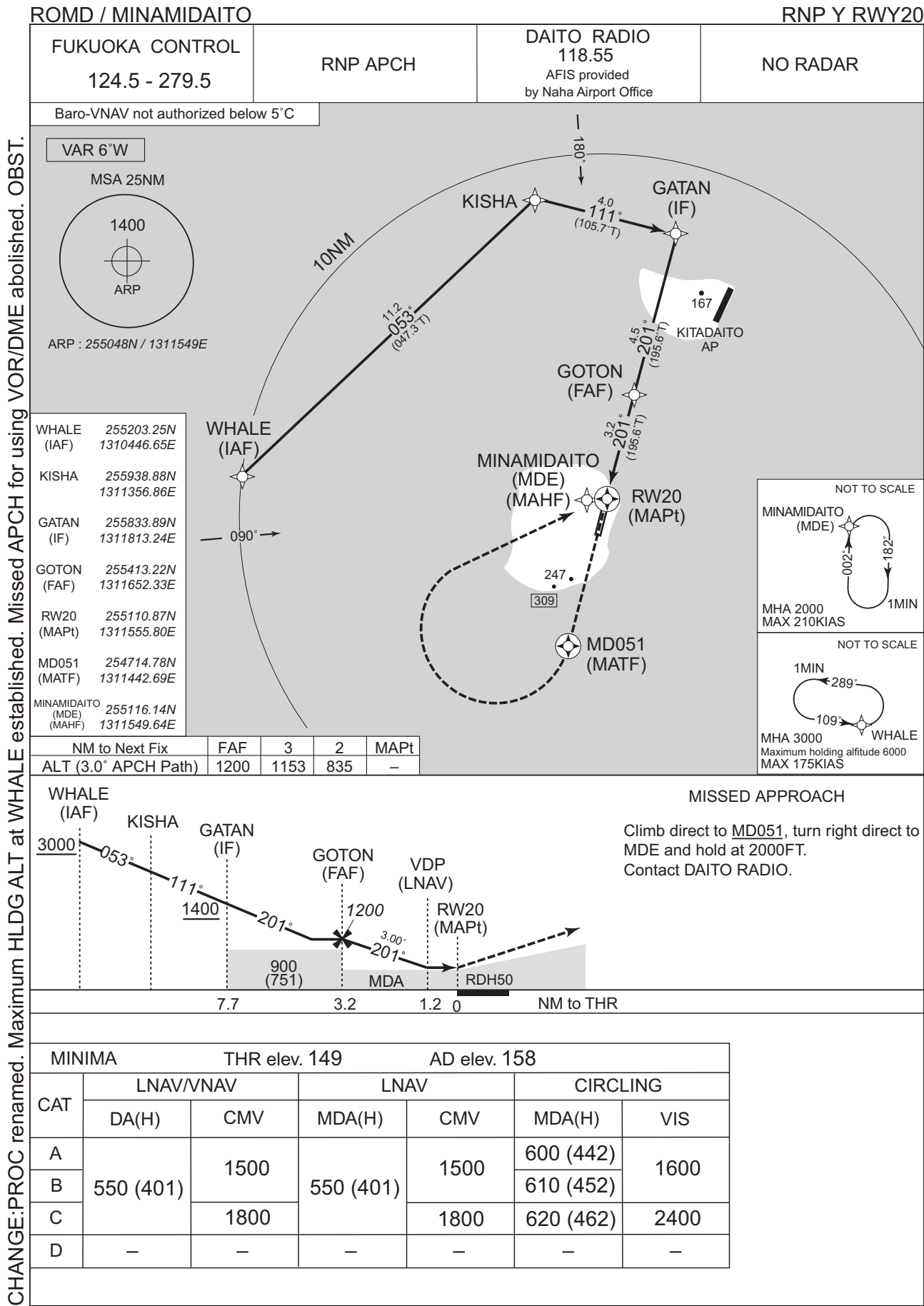
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	RNP Value
Hold	WHALE	109 (103.0)	-5.7	1.0 (-6000)	L	3000	6000	-175 (-6000)	1.0

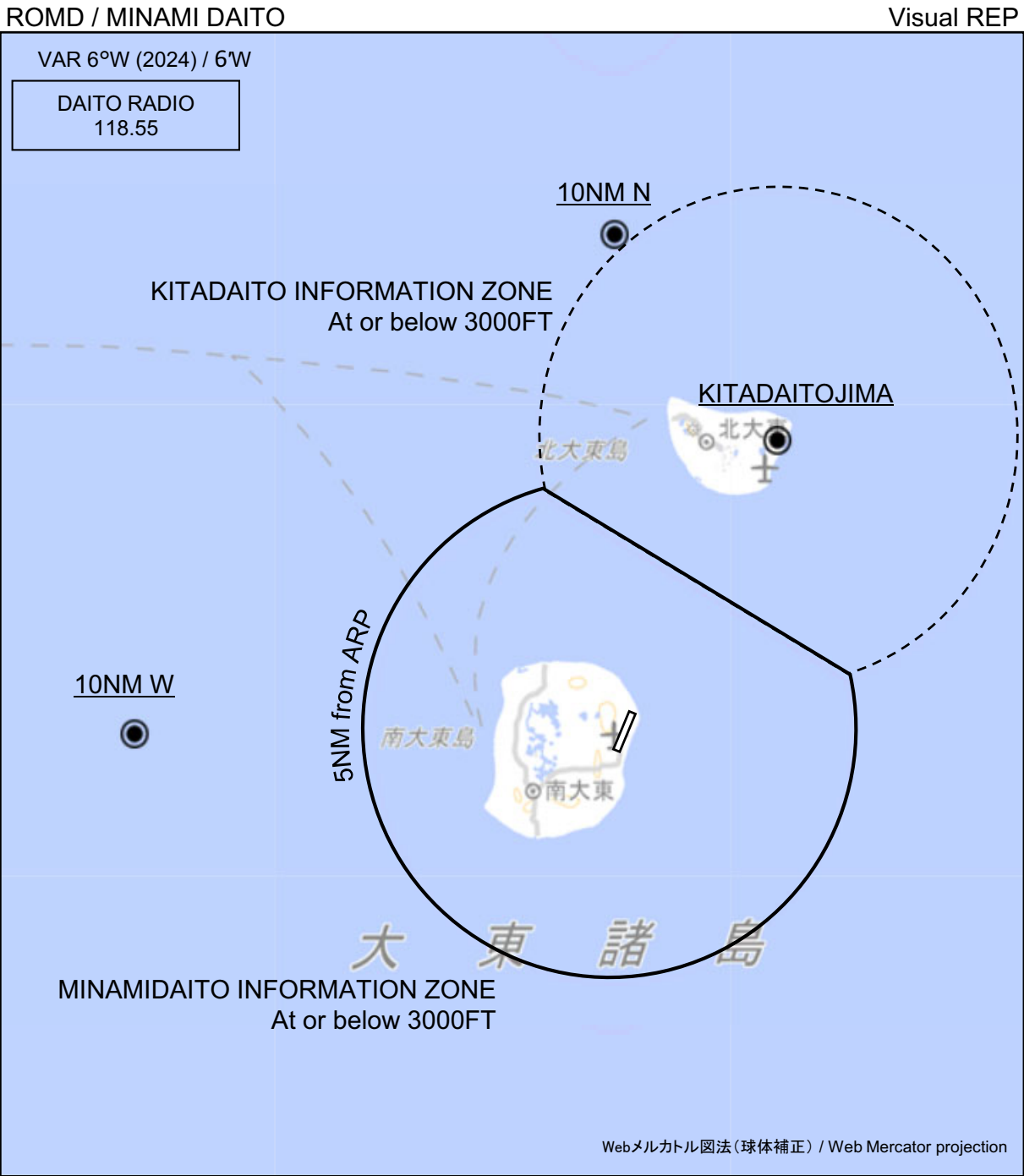
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
WHALE	255203.25N / 1310446.65E	MDRF2	255256.75N / 1311444.18E
MD052	255402.69N / 1311249.29E		
MD053	255424.51N / 1311417.72E		
MD054	255232.20N / 1311621.01E		
RW20	255110.87N / 1311555.80E		

CHANGE : New PROC.

INSTRUMENT APPROACH CHART





※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 : VAR.	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.

