ROMD / MINAMIDAITO

AD CHART

MINAMIDAITO AP

CHANGE : WDI abolished.

TRUE NORTH

ARP

ABN

WDI

RWY THR ID LGT

PAPI Angle 3.0°
MEHT 13.6m(45ft)

PAPI Angle 3.0°
MEHT 13.6m(45ft)

299.5m

257.3m

REMARKS :	WIDTH OF RWY		1500m × 45m
	WIDTH OF TWY		18m × 77.5m
	RWY GROOVING		1500m × 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

RWY 02
167ft
(50.92m)

0.35%

158ft
(48.12m)

0.40%

RWY 20
149ft
(45.32m)

0m

800m

1500m

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.

201(43)

185(27)

185(27)

20

RWY

02

RWY02 : See TAKE OFF MINIMA

TOPAT THREE DEPARTURE

KITADAITO AP

HDG234˚

600

8000

279˚   R279
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

HDG324˚

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.

201(43)

185(27)
185(27)

20
RWY
02

RWY02 : See TAKE OFF MINIMA

MINAMIDAITO REVERSAL FOUR DEPARTURE

KITADAITO AP

1000

2000

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

1000

STANDARD DEPARTURE CHART - INSTRUMENT

ROMD / MINAMIDAITO   RNAV SID

CORCO SOUTH ONE DEPARTURE	Basic RNP1

Note GNSS required.

VAR 5°W (2015)

KITADAITO AP

CORCO SOUTH ONE DEPARTURE

600
021°

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

201°

600

CORCO
255226.5N
1305915.1E
5000

201(43)

185(27)

185(27)

20

RWY

02

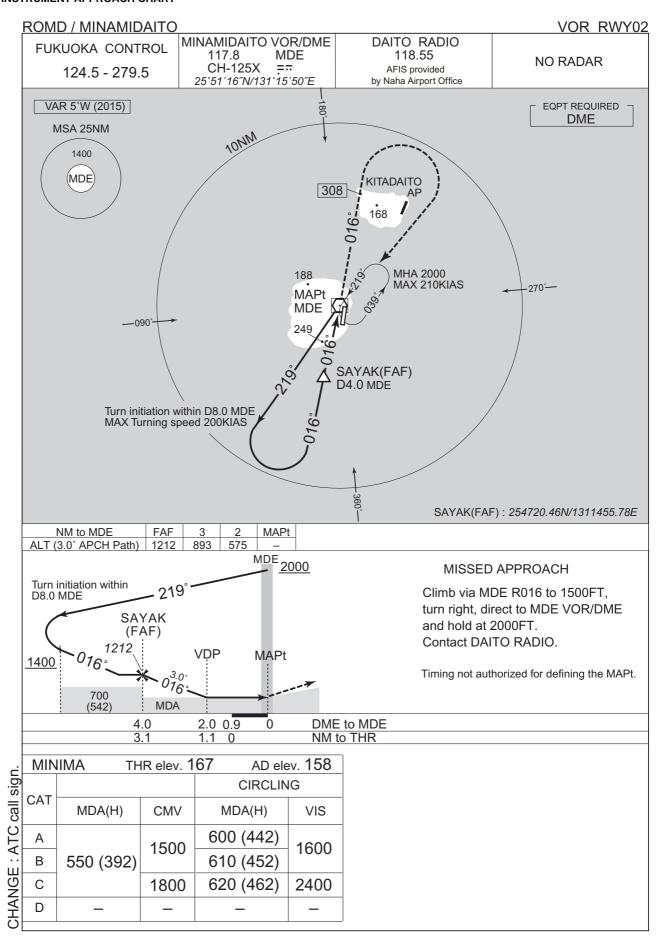RWY02 : See TAKE OFF MINIMA

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.
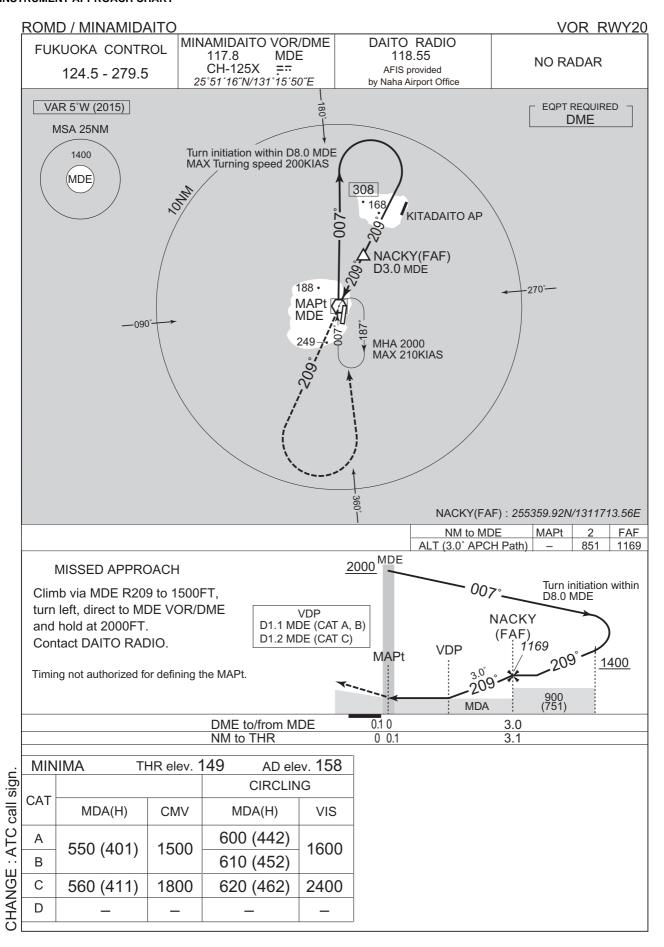
RWY02
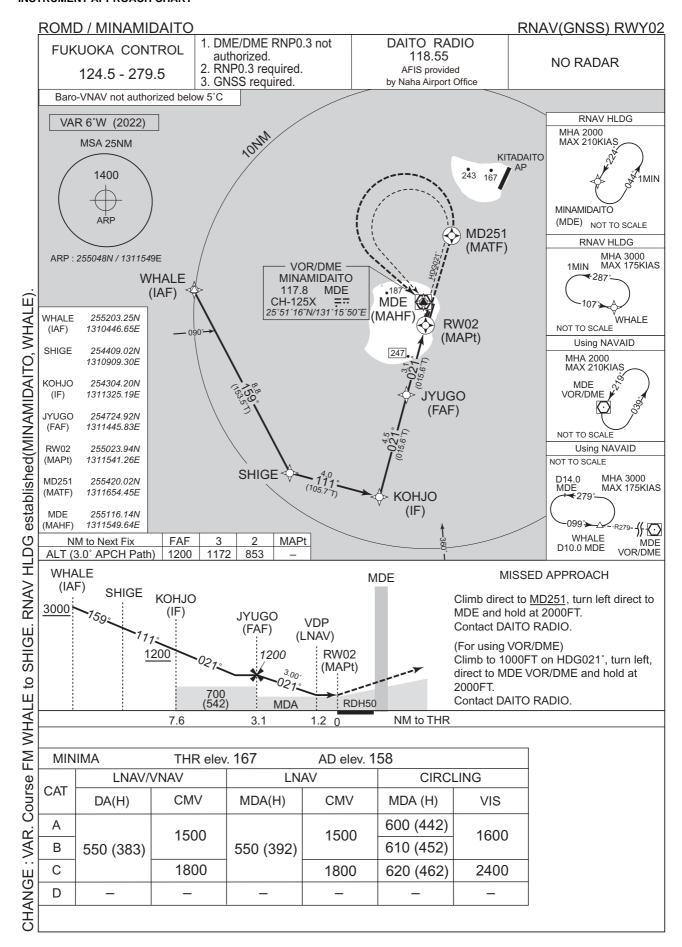
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	–	–	021 (015.6)	-4.9	–	–	+600	–	–	Basic RNP1
002	DF	CORCO	–	–	-4.9	–	L	+5000	–	–	Basic RNP1
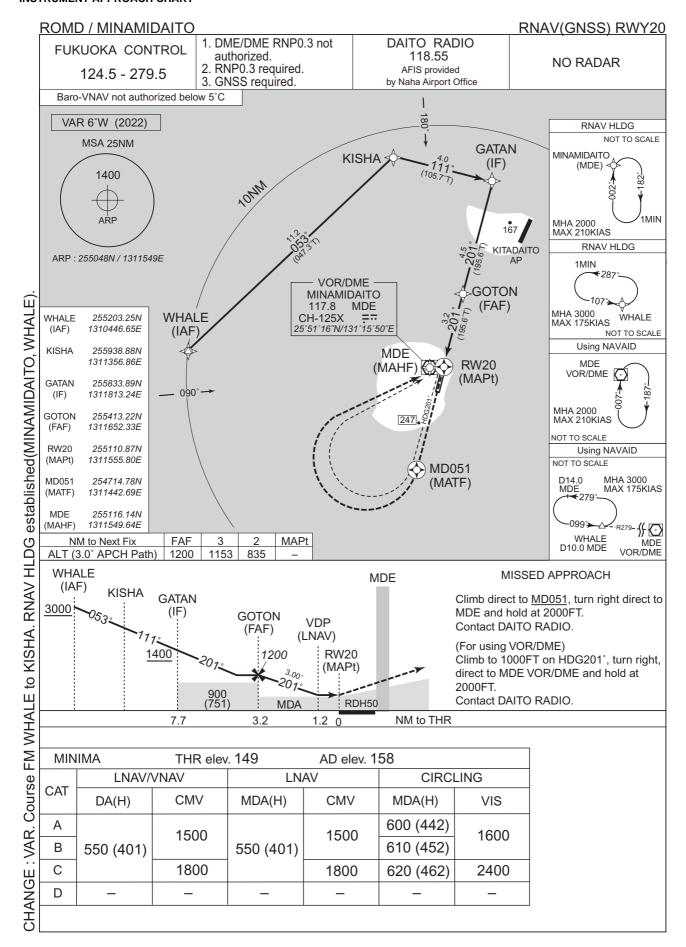
RWY20
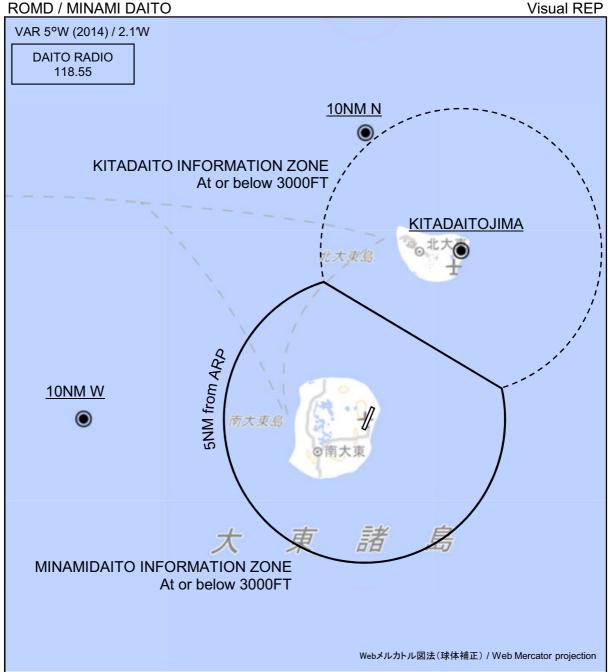
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	–	–	201 (195.6)	-4.9	–	–	+600	–	–	Basic RNP1
002	DF	CORCO	–	–	-4.9	–	R	+5000	–	–	Basic RNP1

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO

VOR RWY02

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

VAR 5°W (2015)

EQPT REQUIRED
DME

MSA 25NM

1400

MDE

10NM

308 KITADAITO AP
168

016°

219°

188
MAPt
MDE
249

MHA 2000
MAX 210KIAS

039°

270°

090°

016°

219°

016°

SAYAK(FAF)
D4.0 MDE

Turn initiation within D8.0 MDE
MAX Turning speed 200KIAS

180°

360°

SAYAK(FAF) : *254720.46N/1311455.78E*

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

MDE 2000

Turn initiation within
D8.0 MDE

219°

SAYAK
(FAF)

1400

016°

1212

3.0°
016°

VDP

MAPt

700
(542)

MDA

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 : ATC call sign.

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

VAR 5°W (2015)

EQPT REQUIRED
DME

MSA 25NM

1400
(MDE)

10NM

180°

Turn initiation within D8.0 MDE
MAX Turning speed 200KIAS

308
· 168

007°

209°

KITADAITO AP

209°

△ NACKY(FAF)
D3.0 MDE

188 ·

MAPt
MDE

007°

187°

270°

090°

249 ·

MHA 2000
MAX 210KIAS

209°

360°

NACKY(FAF) : 255359.92N/1311713.56E

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.

2000 MDE

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

007°

Turn initiation within
D8.0 MDE

NACKY
(FAF)
1169

MAPt

VDP

3.0°

209°

209°

1400

MDA

900
(751)

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 : ATC call sign.

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO
RNAV(GNSS) RWY02

| 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 6°W (2022)

MSA 25NM
1400
ARP

ARP : 255048N / 1311549E

KITADAITO AP
243   167

MD251 (MATF)

VOR/DME MINAMIDAITO 117.8   MDE CH-125X
25°51′16″N/131°15′50″E

MDE (MAHF)
187

RW02 (MAPt)
247

HDG021°

JYUGO (FAF)
021° 3.1 (015.6°T)

021° 4.5 (015.6°T)

WHALE (IAF)
090°

159° 8.8 (153.5°T)

SHIGE
111° 4.0 (105.7°T)

KOHJO (IF)

360°

10NM

Fix	Coordinates
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	–

RNAV HLDG
MHA 2000 MAX 210KIAS
224° 044° 1MIN
MINAMIDAITO (MDE) NOT TO SCALE

RNAV HLDG
MHA 3000 MAX 175KIAS
1MIN 287°
107° WHALE
NOT TO SCALE

Using NAVAID
MHA 2000 MAX 210KIAS
MDE VOR/DME 219° 039°
NOT TO SCALE

Using NAVAID
NOT TO SCALE
D14.0 MDE MHA 3000 MAX 175KIAS
279°
099° R279°
WHALE D10.0 MDE MDE VOR/DME

WHALE (IAF)
3000
159°

SHIGE

KOHJO (IF)
1200
111°
021°

JYUGO (FAF)
1200
021°
3.00°

VDP (LNAV)

RW02 (MAPt)
RDH50

MDE

700 (542) MDA

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.

| 7.6 | 3.1 | 1.2 | 0 | NM to THR |

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	550 (383)	1500	550 (392)	1500	610 (452)	1600
C		1800		1800	620 (462)	2400
D	–	–	–	–	–	–

CHANGE : VAR. Course FM WHALE to SHIGE. RNAV HLDG established(MINAMIDAITO, WHALE).

INSTRUMENT APPROACH CHART

ROMD / MINAMIDAITO   RNAV(GNSS) RWY20

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 6°W (2022)

MSA 25NM

1400
ARP

ARP : 255048N / 1311549E

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

KISHA   111° (105.7°T)   4.0   GATAN (IF)

180°

10NM

11.2 053° (047.3°T)

WHALE (IAF)

090°

KITADAITO AP   167

4.5 201° (195.6°T)

GOTON (FAF)

3.2 201° (195.6°T)

MDE (MAHF)   RW20 (MAPt)

247   HDG201°

MD051 (MATF)

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	–

RNAV HLDG   NOT TO SCALE
MINAMIDAITO (MDE)
002°   182°   1MIN
MHA 2000
MAX 210KIAS

RNAV HLDG
1MIN   287°
107°
WHALE
MHA 3000
MAX 175KIAS
NOT TO SCALE

Using NAVAID
MDE VOR/DME
007°   187°
MHA 2000
MAX 210KIAS
NOT TO SCALE

Using NAVAID   NOT TO SCALE
D14.0 MDE   MHA 3000 MAX 175KIAS
279°
099°   R279
WHALE D10.0 MDE   MDE VOR/DME

MISSED APPROACH

Climb direct to <u>MD051</u>, 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.

WHALE (IAF)   KISHA   GATAN (IF)   GOTON (FAF)   VDP (LNAV)   RW20 (MAPt)   MDE

3000   053°   111°   201°   1200   201°   3.00°

1400   900 (751)   MDA   RDH50

7.7   3.2   1.2   0   NM to THR

MINIMA	THR elev. 149		AD elev. 158			
	LNAV/VNAV		LNAV		CIRCLING	
CAT	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	–	–	–	–	–	–

CHANGE : VAR. Course FM WHALE to KISHA. RNAV HLDG established(MINAMIDAITO, WHALE).

ROMD / MINAMI DAITO   Visual REP

VAR 5°W (2014) / 2.1'W

DAITO RADIO
118.55

10NM N

KITADAITO INFORMATION ZONE
At or below 3000FT

KITADAITOJIMA

北大東島

10NM W

5NM from ARP

南大東島

南大東

大 東 諸 島

MINAMIDAITO INFORMATION ZONE
At or below 3000FT

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 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

30NM

261708N
1313202E

261437N
1312942E

RORK ARP 20NM

6000

255618N
1314157E

254023N
1312720E

253759N
1305838E

253059N
1312020E

252926N
1305218E

20NM

CHANGE : Shape of segment. Minimum vectoring altitude.

CENTER : *255048N/1311549E* (ROMD ARP)
REF : *255641N/1311937E* (RORK ARP)