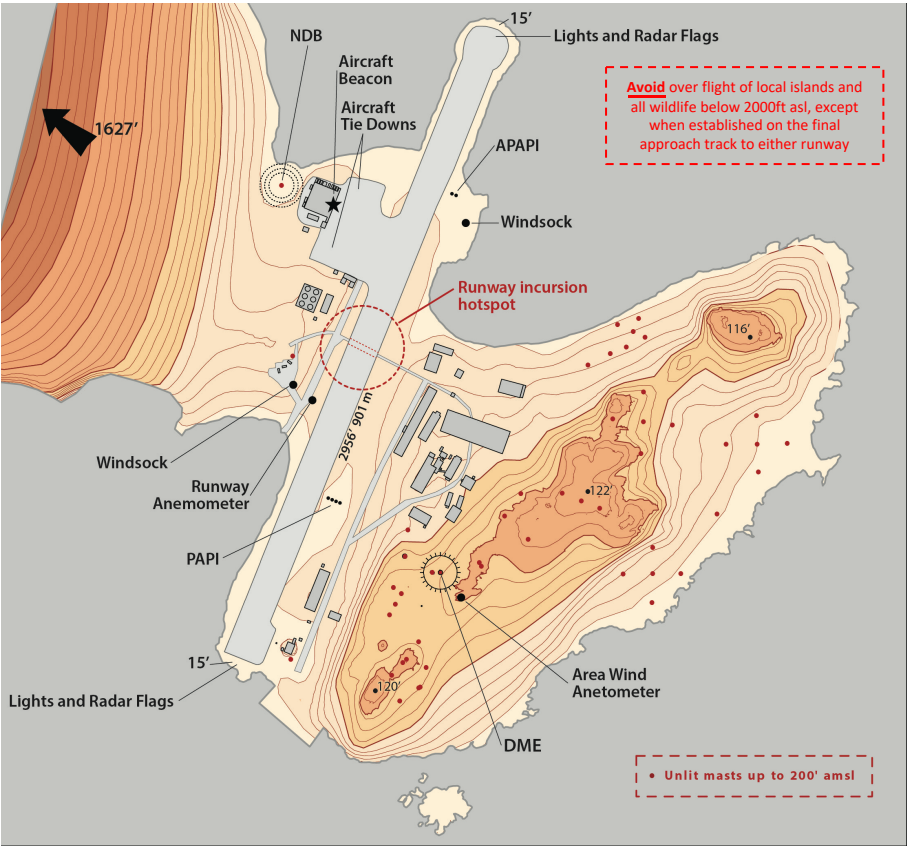


<div>MSA30Nm</div> <div><div>11000</div><div>NDB(L) ROT</div></div>	Rothera Radio			Apt Elev 15' All Bearings & Tracks are Magnetic	ROTHERA – EGAR Airfield layout
	118.1	5080 7775	NDB 310 (D) 117.25		
	Apt Reference Point: S67 34.0 W068 07.7 Rothera Radio: VHF 118.1 HF 5080, 7775, 9106 Phone: +44 1223 221670 Iridium +881 631 831 227 219 Operating hours: 1100z to 0000z Mon-Sat Oct-Feb. Other times by arrangement, all operations by strict prior permission. For current Rothera chart status and Visiting aircraft information consult https://www.bas.ac.uk/polar-operations/sites-and-facilities/aircraft/pilots/				



RWY 18	HIREL, REIL, APAPI (4 deg)	LDA 2956 feet TORA 2956 feet	Elevation 15'	Gravel
RWY 36	HIREL, REIL, PAPI (3 deg)	LDA 2956 feet TORA 2956 feet	Elevation 15'	Gravel
RWY 18/36 MIRL edge lighting is available - requires 1 Hour notice to deploy				
Co-ordinates:				
Rwy 18 Threshold S67 33.83 W068 07.40				
Rwy 36 Threshold S67 34.27 W068 07.85				
Takeoff				
Rwy 36: 1100 feet Cloud Ceiling and Visibility 3000m				
Rwy 18: 1500 feet Cloud Ceiling and Visibility 5000m				

<div>MSA</div> <div>30Nm</div> <div><div>11000</div><div>NDB(L) ROT</div></div>	Rothera Radio			Apt Elev 15'	ROTHERA – EGAR Warnings, notes and Special Procedures
	118.1	5080 7775	NDB 310 (D) 117.25	All Bearings & Tracks are Magnetic	
	Apt Reference Point: S67 34.0 W068 07.7 Rothera Radio: VHF 118.1 HF 5080, 7775, 9106 Phone: +44 1223 221670 Iridium +881 631 831 227 219 For current Rothera chart status and Visiting aircraft information consult https://www.bas.ac.uk/polar-operations/sites-and-facilities/aircraft/pilots/				

Warnings:

1.

Weather balloons, rockets and UAV activity; contact Rothera Operations and consult the latest NOTAMs published on the AIS NOTAM system.

2.

Rothera runway is **NOT** available during BAS DASH 7 Point of Safe Return (PSR) Operations. Aircraft captains must contact Rothera Operations by phone before departure on the day of intended flight for details.

3.

Possible icebergs up to 300 feet on the approach to both runways.

4.

Severe turbulence and windshear on short finals to runway 36 & 18 associated with easterly winds greater than 10 kts.

5.

Bird hazard in the vicinity of Rothera airfield November to April.

6.

Occasional ships moored at the wharf to the East of Rwy 36 threshold. Ships moored at the Rothera wharf may necessitate runway closure, contact Rothera Operations.

7.

Steeply rising ground to the West, circuits to the East only, circuit height 1200 feet.

8.

Multiple aerial arrays to the east of the runway up to 200 feet amsl.

9.

RW18 4 deg APAPI approach angle does not assure terrain separation for approaching aircraft when West of Runway centreline.

Notes:

1.

Fuel: JET A1 available by prior permission only.

2.

Runway marked with 205 lt drums and end flags.

3.

Snow banks likely up to 3m September to January contact Rothera Operations.

4.

Portable runway lights (MIRL) require 60 minutes notice to deploy.

5.

Inbound aircraft to call at 5nm final.

Special Operational Procedures:

BAS DASH 7 Point of Safe Return (PSR) Procedures. (NOT applicable to Rothera Skiway)

BAS procedures require a sterile runway and airspace at Rothera for all periods where the BAS DASH 7 has passed PSR until it has landed. Aircraft will NOT be allowed to take-off or land during this period. It is mandatory for inbound visiting aircraft captains to contact Rothera Operations before takeoff. It is the sole responsibility of the aircraft captain to establish the airfield status, gain final authorisation and ensure the flight is planned to avoid times where the airfield is unavailable. If a captain becomes aware the ETA may conflict with a planned DASH 7 PSR period, or other restriction, they must inform Rothera Ops as soon as possible. Failure to adhere to these requirements may result in refusal to use the airfield and the aircraft will be directed to divert or return to the point of departure. This requirement does NOT affect aircraft able to use the skiway when conditions are suitable for its use.

Contact Information

Rothera Operations Voip

+44-1223-221-670

Rothera Operations Voip Aircraft Safety Calls ONLY

+44-1223-748-635

Rothera Operations Iridium

+881-631-831-219

Forecaster (12z to 21z)

+44-1223-221-680

Field Ops Manager (FOM)

+44-1223-221-673

Rothera Station Leader

+44-1223-221-672 or +44-1223-221-674

Cambridge Ops Manager

+44-1223-221-595 or +44-7733-107-872

Emergency (out of hours only)

+44-1223-221-688 or +44-1223-221-696

rops@bas.ac.uk

rforecaster@bas.ac.uk

rform@bas.ac.uk

rbc@bas.ac.uk

dwat@bas.ac.uk

BAS Web site (Air Unit home page) For NOTAMs and Weather information:

<https://www.bas.ac.uk/polar-operations/sites-and-facilities/aircraft/pilots/>

MSA <div><div>11000</div><div>NDB(L) ROT</div></div>	30Nm			Rothera Radio		Apt Elev 15'	ROTHERA – EGAR Approach & SID COORDINATES
	118.1		5080 7775	NDB 310 (D) 117.25		All Bearings & Tracks are Magnetic	
	Apt Reference Point: S67 34.0 W068 07.7 Rothera Radio: VHF 118.1 HF 5080, 7775, 9106 Phone: +44 1223 221670 Iridium +881 631 831 227 219						
PROCEDURES NOT FLIGHT CHECKED				For current Rothera chart status and Visiting aircraft information consult https://www.bas.ac.uk/polar-operations/sites-and-facilities/aircraft/pilots/			

RWY18 RNAV1 SID

ROT04

S67°37.98 W068°11.66

ROT05

S67°39.32 W068°02.64

R0210

S67°26.72 W067°50.58

ROT26

S67°11.33 W067°36.20

IPASS

S66°58.59 W067°24.51

G1

S66°00.00 W068°34.12

6666

S66°00.00 W068°34.00

RWY36 RNAV1 SID

R0210

S67°26.72 W067°50.58

ROT26

S67°11.33 W067°36.20

IPASS

S66°58.59 W067°24.51

G1

S66°00.00 W068°34.12

6666

S66°00.00 W068°34.00

RNAV RWY36

RIAF

S67°51.07 W068°24.85

RIF

S67°46.40 W068°20.12

RFAF

S67°43.13 W068°16.80

RMAPt

S67°35.67 W068°09.26

RMATF

S67°37.45 W067°57.02

REAST

S67°48.18 W068°07.78

R36T

S67°34.27 W068°07.85

NDB/DME RWY36

R36T

S67°34.27 W068°07.85

MSA30Nm

11000

NDB(L) ROT

PROCEDURE NOT
FLIGHT CHECKED

Rothera Radio

118.1

5080
7775

NDB 310
(D) 117.25

Apt Elev 15'

All Bearings
& Tracks are
Magnetic

ROTHERA – EGAR

RWY 18

RNAV1 SID

Departure Procedure:

Climb on runway heading to 800' turn left at ROT04 and left at ROT05 to intercept 360°M track to R0210 climbing to be at or above 2500' by R0210. At R0210 continue to track 360°M to IPASS climbing to be at or above 6000' by ROT26 and at or above by 8000' by IPASS. From IPASS track direct to either G1 or 6666, continuing climb to be at or above 11000'.

T

M

N

VAR 20°E

2023

Annual rate
of change
0.06°W

	GS	130kt	110kt	90kt	70kt
Initial Climb	5.0%	659	557	456	355
Further Climb	3.7%	487	412	337	262
Dep minima: 1100' cloud ceiling, 3000m visibility					
Minimum climb gradient 5.0% until 800', thereafter climb at minimum 3.7%					

1.

In the event of an engine failure before reaching 1100' remain VMC and return to EGAR. If engine failure occurs IMC before R0210 continue with procedure to be at R0210 or above 2500' then turn RIGHT to RMA7F to join EGAR 36 approach not below 3300'.

2.

Use course guidance from RNAV, ensure RAIM is available throughout. Monitor CDI sensitivity during departure as it may not auto-scale.

3.

Expect severe turbulence and mountain wave activity in strong wind conditions

Page 4 of 9

British Antarctic Survey & Osprey / gCAP Ltd – Valid 27 Dec 23

30Nm

NDB(L) ROT

**PROCEDURE NOT
FLIGHT CHECKED**

Apt Elev 15'

118.1

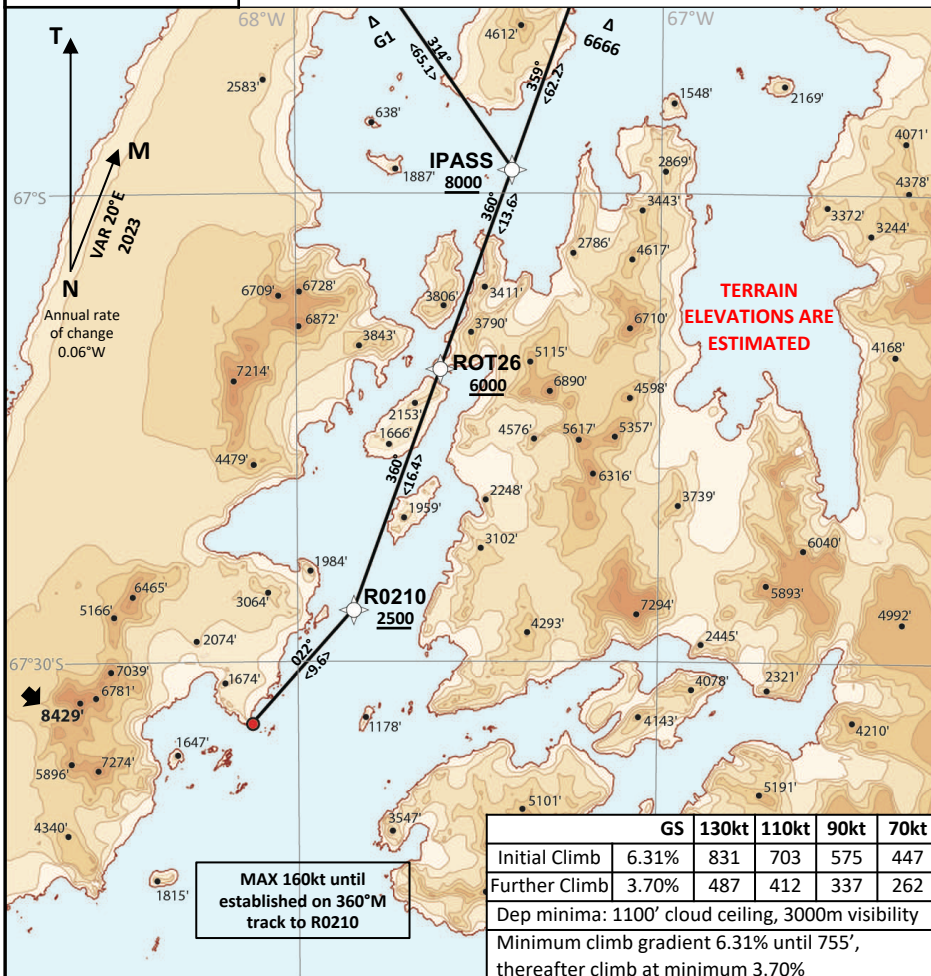
5080
7775

NDB 310
(D) 117.25

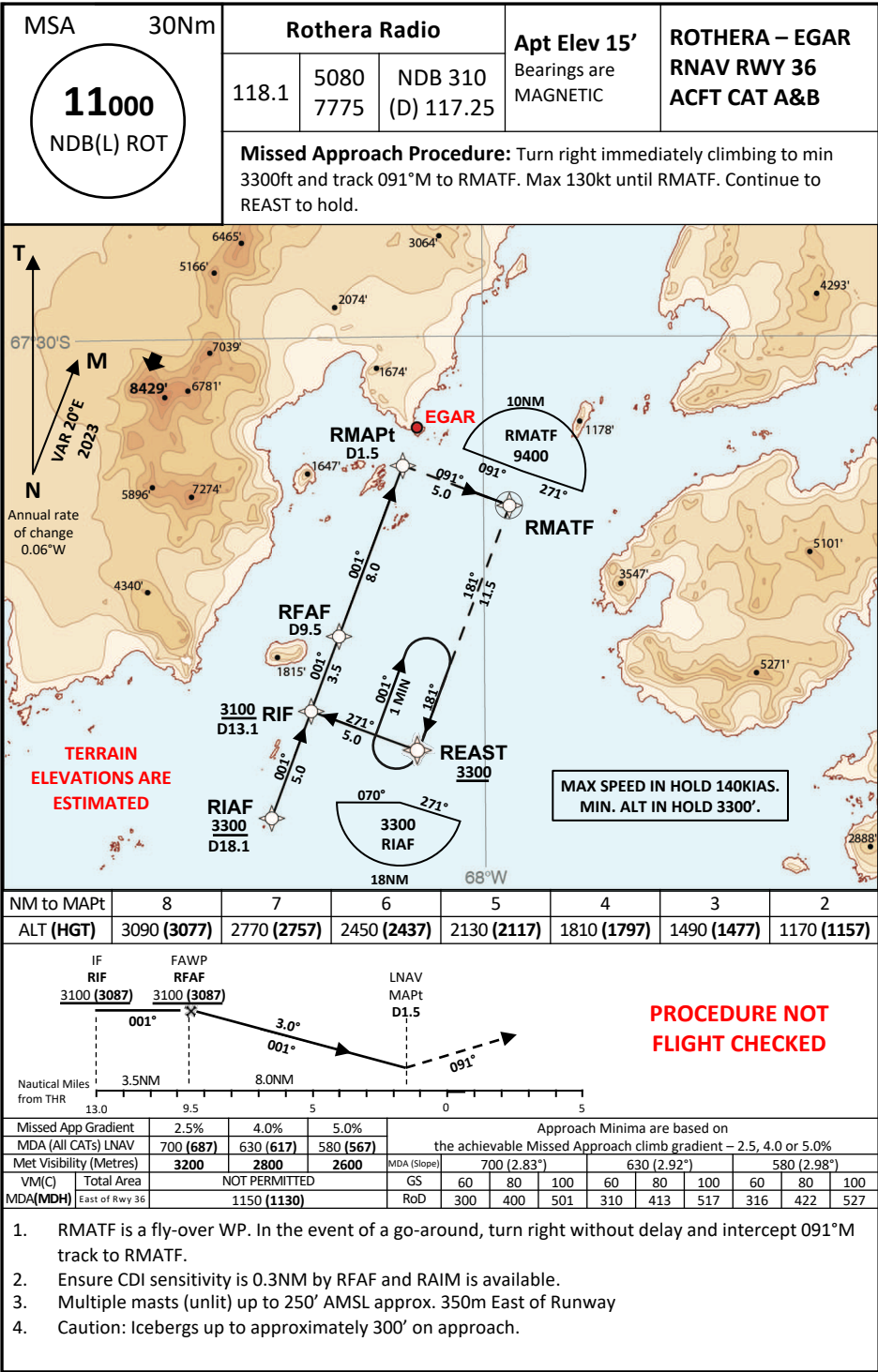
All Bearings
& Tracks are
Magnetic

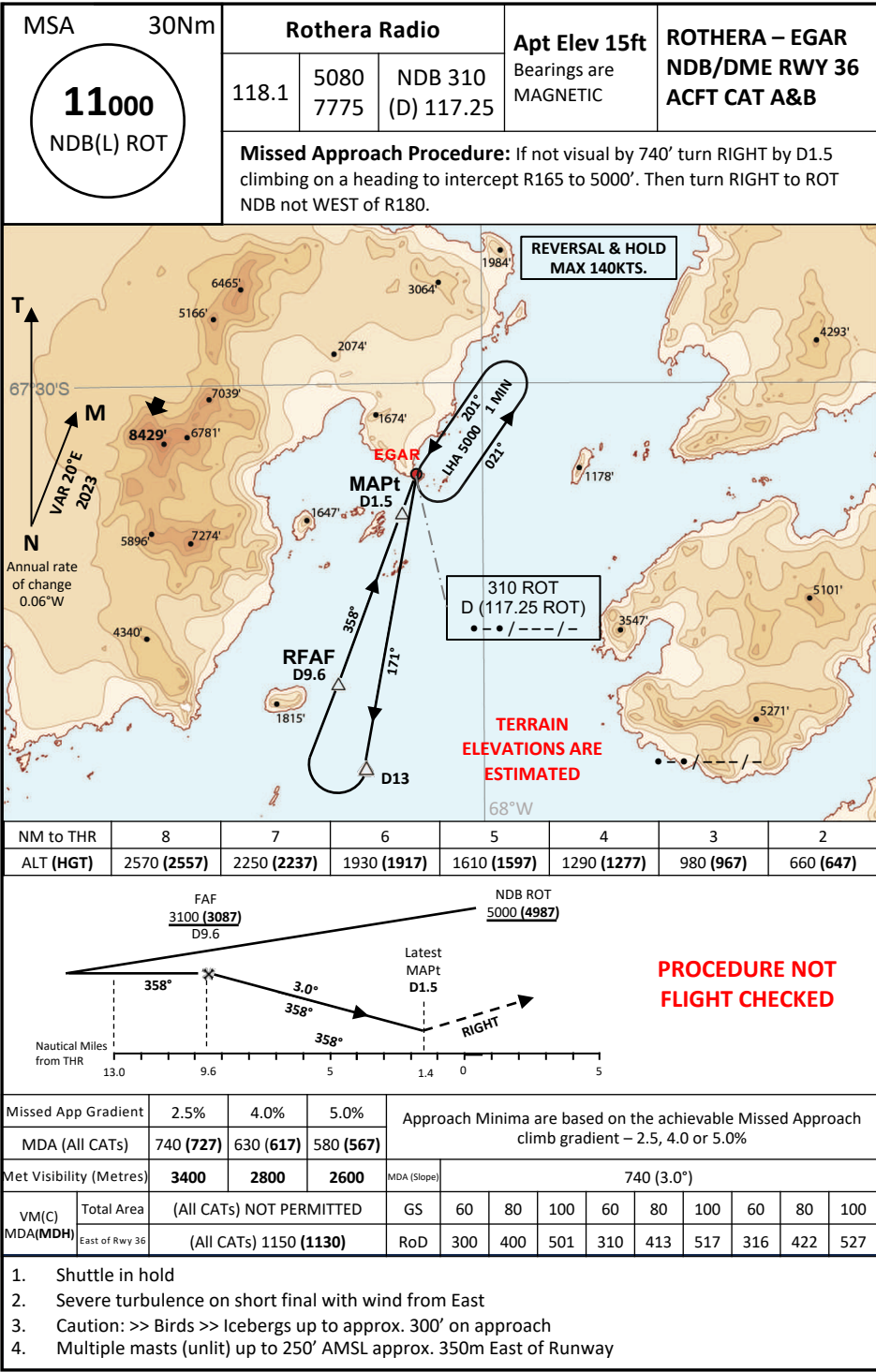
ROTHERA – EGAR
RWY 36
RNAV1 SID

Departure Procedure: Climb on runway heading to 413', then turn right to intercept 022°M track to R0210 climbing to be at or above 2500' by R0210. At R0210 turn LEFT to track 360°M to IPASS climbing to be at or above 6000' by R0T26 and at or above 8000' by IPASS. From IPASS track direct to either G1 or 6666, continuing climb to be at or above 11000'.



1. In the event of an engine failure before reaching 1100' remain VMC and return to EGAR. If engine failure occurs IMC before R0210 continue with procedure to be at R0210 at or above 2500' then turn RIGHT to R0210 to join EGAR 36 approach not below 3300'.
2. Use course guidance from RNAV, ensure RAIM is available throughout. Monitor CDI sensitivity during departure as it may not auto-scale.
3. Expect severe turbulence and mountain wave activity in strong wind conditions





<div>MSA30Nm</div> <div><div>11000</div><div>NDB(L) ROT</div></div>	Rothera Radio			Skiway Elev approx. 825' All Bearings & Tracks are Magnetic	ROTHERA – EGAR Skiway 02/20
	118.1	5080 7775	NDB 310 (D) 117.25		
	Skiway Coordinates: S67 31.9 W068 11.0 Rothera Radio: VHF 118.1 HF 5080, 7775, 9106 Phone: +44 1223 221670 Iridium +881 631 831 227 219 For current Rothera chart status and Visiting aircraft information consult https://www.bas.ac.uk/polar-operations/sites-and-facilities/aircraft/pilots/				

- Warning:**
- Daily weather balloons, and/or UAV activity; contact Rothera Operations and consult the latest BAS NOTAMS.
 - Severe turbulence** can be expected on the approach to skiway 02 and in all direction with winds greater that 15kts.
 - Approach to skiway 02 is over steeply rising ground.
 - Skiway marked with 205 lt drums, land to the south of the drum line.

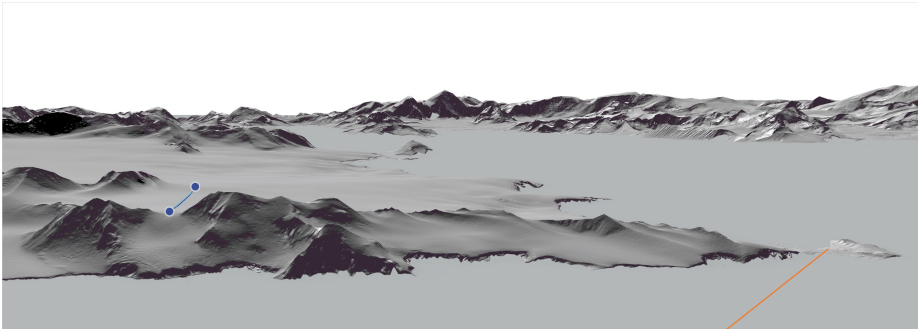
- Cautions:**

 - Steeply rising ground to the West and South of the skiway.
 - Unprepared skiway.
 - Birds
 - Skiway used for recreation. Possible foot/ski and skidoo activity.

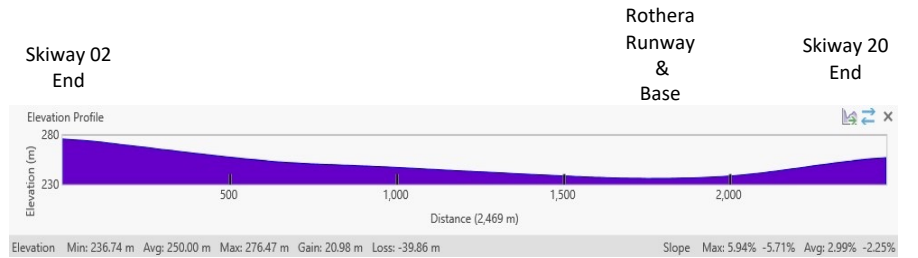
Notes:

 - Fuel Jet A1 available by prior arrangement only.
 - All aircraft require Prior Permission.
 - Access to the skiway from Rothera Base may be restricted January to March due to snow conditions

02 Threshold Approximately S67 32.400 W068 11.954 Elev 825'.
20 Threshold Approximately S67 31.354 W068 09.957 Elev 828'.
02 & 20 Takeoff/Landing distance approximately 8000 feet– Surface type: Snow.



Skiway looking North through Skiway Col



MSA 30Nm <div style="border: 2px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px;"> <div style="text-align: center;"> 11000 NDB(L) ROT </div> </div>	Rothera Radio			Apt Elev 15' All Bearings & Tracks are Magnetic	ROTHERA – EGAR Airfield photos
	118.1	5080 7775	NDB 310 (D) 117.25		
Apt Reference Point: S67 34.0 W068 07.7 Rothera Radio: VHF 118.1 HF 5080, 7775, 9106 Phone: +44 1223 221670 Iridium +881 631 831 227 219 For current Rothera chart status and Visiting aircraft information consult https://www.bas.ac.uk/polar-operations/sites-and-facilities/aircraft/pilots/					

