



AIR OPERATIONS PLANNING MAP SERIES

MAP 04: Pine Island Bay

Edition 3, September 2018

Scale 1: 1 000 000, Projection: Polar Stereographic

Vertical Datum: Mean Sea Level Spheroid: WGS84 Latitude of true scale: 71°S

Contours (interval 1000 ft)

• 2810

Surveyed heights (feet)

• 2810

Estimated spot heights (feet)

• 2810

Highest point on map (feet)

• 2810

NOT A SAFETY ALTITUDE

Coastline

Lake

Rock outcrop

Ice shelf

All year scientific stations

Summer only stations

Camp/refuge

Airfield

ASMA

ASPA (with number) or bird colony

Bird colony

Guidelines for the Operation of Aircraft near Concentrations of Birds

The map shows the location of the main breeding concentrations of penguins and petrels in Palmer Land, Southern Graham Land and Alexander Island.

Low flying and unnecessary landings increase the risk of disturbance to wildlife. Flying birds present a risk to aircraft from bird strike. To minimise the risk to both wildlife and aircraft, follow the guidelines below as closely as your operational requirements allow.

Penguin, giant petrel and other bird colonies are not to be overflown below 2000 ft (~610 m) above ground level, except when operationally necessary.

Landings within 1 nautical mile (~190 m) of penguin, giant petrel or other bird colonies should be avoided wherever possible.

Never hover or make repeated passes over wildlife concentrations or fly lower than necessary.

Maintain a vertical separation distance of 2000 ft (~610 m) AGL and a horizontal separation of 1/2 nautical mile (~90 m) from the coastline wherever possible.

Cross coasts at right angles and above 2000 ft (~610 m) AGL where possible.

For further information regarding aircraft operations near concentrations of birds see the COMNAP Antarctic Flight Information Manual: www.comnap.aq/miscpages/ShipPages/AFIM.aspx

Topographic details from the SCAR Antarctic Digital Database (ADD) Version 7.0 (2018)

Antarctic Specially Protected Area (ASPA) and Antarctic Specially Managed Area (ASMA) details from: www.ats.aq

Place names selected from UK Gazetteer: www.antarctica.ac.uk/apc

Scale 1: 1 000 000

20 km

0

20

40

60

80 km

10 nm

0

10

20

30

40 nm

Map Sheet Key

South Pole

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20