

PLATE I

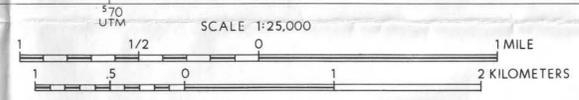
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UNIVERSITY OF UTAH RESEARCH INSTITUTE

Aircraft and flight operations provided by:
845 Squadron Det.
ROYAL NAVY, ASI
Luft. J. T. Thomas, Commander

This magnetic survey was completed as one part of an evaluation of the geothermal energy potential of Ascension Island.

For: United States Air Force
Eastern Space and Missile Center and
Patrick Air Force Base, Florida

United States Department of Energy
Idaho Falls Operations Office
Idaho Falls, Idaho



AEROMAGNETIC MAP OF ASCENSION ISLAND SOUTH ATLANTIC OCEAN

by
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EXPLANATION

CONTOUR INTERVAL	20 & 100 GAMMAS
FLIGHT LINE DIRECTION	560°E; N20°E
FLIGHT LINE SPACING	400 METERS
FLIGHT ALTITUDE (SENSOR)	205 METERS M.T.C.
SURVEY FLOWN	28 FEB. - 3 MAR. 1983

Magnetic contours show the total intensity magnetic field of the earth in gammas relative to an arbitrary datum. A constant value of 27,000 gammas has been removed from all observed data values.

Hatched to indicate areas of lower magnetic intensity; dashed where data are incomplete.

Flight path