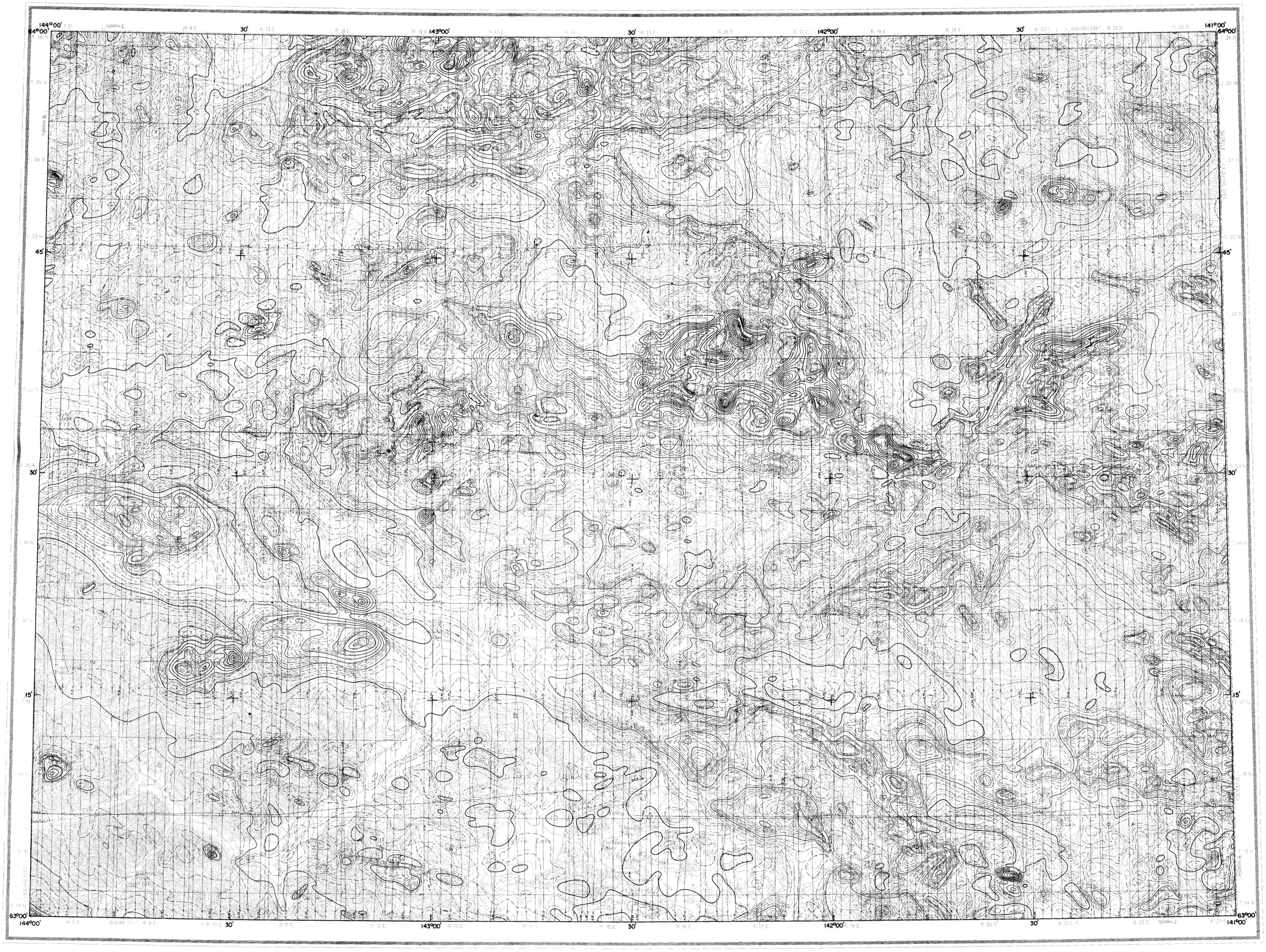
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

FOLIO OF THE TANACROSS QUADRANGLE, ALASKA

MAP MF-767A

SHEET 1 OF 2

STATE OF ALASKA--AEROMAGNETIC MAP



BASE BY U.S. GEOLOGICAL SURVEY, 1964

10 GAMMA CONTOUR
20 GAMMA CONTOUR
100 GAMMA CONTOUR
500 GAMMA CONTOUR
MAGNETIC LOW
FLIGHT LINE AND DIRECTION

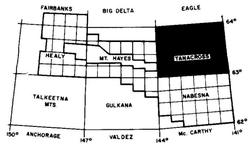
FLIGHT LINE SPACING 3/4 MILES
FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND
REGIONAL MAGNETIC FIELD SHEET CENTER 57,205 GAMMAS
REGIONAL FIELD REMOVED. THE FIELD INCREASES
APPROXIMATELY 5.2 GAMMAS/MILE, N 57° E
APPROXIMATE FIELD INCLINATION: +77.0°

QUADRANGLE LOCATION

SCALE 1:250 000

5 0 5 10 15 20 25 MILES
5 0 5 10 15 20 25 KILOMETERS

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL



The magnetic contours shown on this map represent the total anomalous magnetic field of the earth. Variations in this field are caused by the variable magnetic character of rock units crossed by the survey flights, and hence, can be used to estimate the apparent location of rocks rich in magnetic minerals. Such rock units may be either at the surface of the ground or buried beneath it. Anomalies show both positive and negative variations depending on the shape, attitude, and constituents of local rocks. Geophysical interpretation will be helpful in determining boundaries or depth of burial of anomaly-causing rock units. Some anomalies may be impossible to interpret without further geologic information. Basic profile data is retained at the Division of Geological Survey and should be consulted for detailed analysis.

Contract specifications written in consultation with United States Geological Survey.

Flown and compiled in 1971 by:
Lockwood, Kessler & Bartlett, Inc. Pasadena, California.

AEROMAGNETIC MAP OF THE TANACROSS QUADRANGLE, ALASKA

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

1976

SEE SHEET 2 FOR DISCUSSION OF THIS MAP

BACKGROUND INFORMATION RELATING TO THIS MAP IS PUBLISHED AS U.S. GEOLOGICAL SURVEY CIRCULAR 734, AVAILABLE FREE OF CHARGE FROM THE U.S. GEOLOGICAL SURVEY, RESTON, VA. 22092

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