

10 GAMMA CONTOUR  
20 GAMMA CONTOUR  
100 GAMMA CONTOUR  
500 GAMMA CONTOUR  
MAGNETIC LOW  
FLIGHT LINE AND DIRECTION WITH  
BEGINNING AND ENDING PHOTO NUMBERS  
MAGNETIC MAXIMUM/MINIMUM

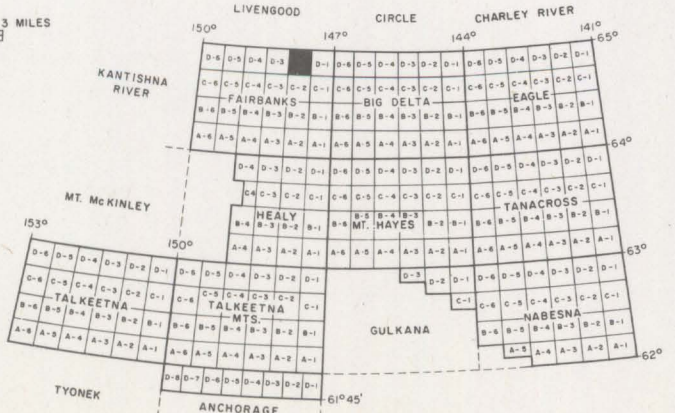
FLIGHT LINE SPACING 3/4 MILE  
FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND  
REGIONAL MAGNETIC FIELD SW SHEET CORNER: 56,809 GAMMAS  
REGIONAL FIELD REMOVED. THE FIELD INCREASES  
APPROXIMATELY 4.7 GAMMAS/MILE, N 50° E  
APPROXIMATE FIELD INCLINATION: +77.1°

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1955

AEROMAGNETIC SURVEY  
EAST ALASKA RANGE  
FAIRBANKS(D-2), ALASKA

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

Copies of this map may be obtained from the Division at:  
3001 Porcupine Drive, Anchorage, Alaska, 99501, and  
Box 80007, College, Alaska, 99701.



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 and Geophysical Surveys and should be consulted for detailed analysis.

Base map from U.S.G.S. 1:63360 Topographic map series  
Flown and compiled in 1973 by:  
LOCKWOOD, KESSLER & BARTLETT, INC.,  
2476 Huntington Drive, San Marino, California, 9108

FAIRBANKS(D-2), ALASKA  
AEROMAGNETIC SERIES