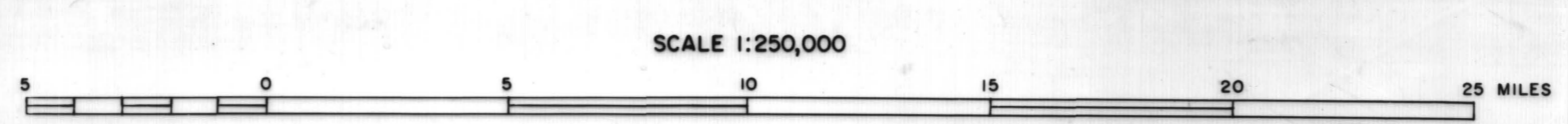


10 GAMMA CONTOUR  
 20 GAMMA CONTOUR  
 100 GAMMA CONTOUR  
 500 GAMMA CONTOUR  
 MAGNETIC LOW  
 FLIGHT LINE AND DIRECTION WITH  
 BEGINNING AND ENDING PHOTO NUMBERS  
 MAGNETIC MAXIMUM/MINIMUM

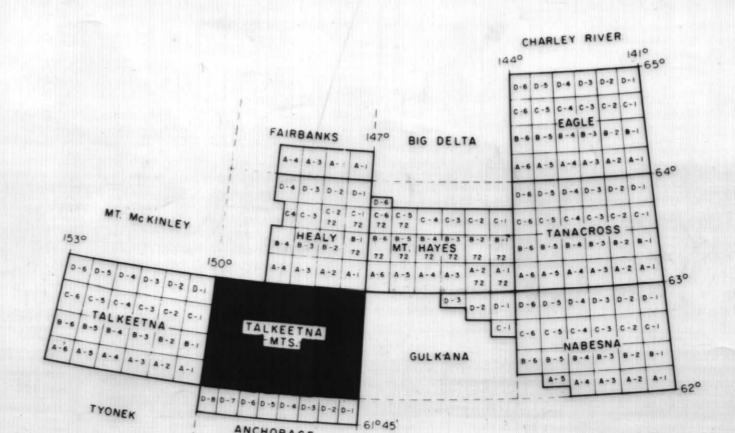
FLIGHT LINE SPACING 3/4 MILE  
 FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND  
 REGIONAL MAGNETIC FIELD SHEET CENTER 56,226 GAMMAS  
 REGIONAL FIELD REMOVED THE FIELD INCREASES  
 APPROXIMATELY 5.4 GAMMAS/MILE, N 47° E  
 APPROXIMATE FIELD INCLINATION: +75.5°



**AEROMAGNETIC SURVEY  
 EAST ALASKA RANGE  
 TALKEETNA MTS., ALASKA**

STATE OF ALASKA  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 NORMAN J. VEACH, GEOPHYSICIST

Copies of this map may be obtained from  
 the Division at Box 80007, College, Alaska



**TALKEETNA MTS., ALASKA  
 AEROMAGNETIC SERIES**

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.

Contract specifications written in consultation with United States Geological Survey  
 Flown and compiled in 1972 by  
 LOCKWOOD, KESSLER & BARTLETT, INC. Pasadena, California

907-2