DEPARTMENT OF THE INTERIOR GEOPHYSICAL INVESTIGATIONS MAP GP-374 UNITED STATES GEOLOGICAL SURVEY (WINTERVILLE) EXPLANATION PORTAGE LAKE Magnetic contours showing total intensity magnetic field of the earth in gammas relative to arbitrary datum Little Machia APPROXIMATE LIMIT Hachured to indicate closed areas of lower magnetic intensity; dashed where data are incomplete Measured maximum or minimum intensity within closed high or closed low Flight path Showing location and spacing of data Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines in an aeromagnetic map, which would be more obvious than similar discrepancies between points in a ground magnetic map. For this reason as much care should be exercised in evaluating magnetic features that appear as elongations along a single geromagnetic S that appear as elongations along a single aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station INDEX MAP OF MAINE SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY Aeromagnetic survey flown at 500 feet above ground, 1954 Base map from U.S. Geological Survey topographic quadrangle map AEROMAGNETIC MAP OF PART OF THE GREENLAW QUADRANGLE, AROOSTOOK COUNTY, MAINE By L. A. Anderson, N. W. Natof, and others SCALE 1:62 500 1 ½ 0 GEOPHYSICAL INVESTIGATIONS MAP GP-374 For sale by U.S. Geological Survey, price 50 cents CONTOUR INTERVALS 10, 50, AND 100 GAMMAS 1963