DEPARTMENT OF THE INTERIOR GEOPHYSICAL INVESTIGATIONS UNITED STATES GEOLOGICAL SURVEY MAP GP-375 69°30′ 46°30′ UMSASKIS LAKE EXPLANATION T 10 R 14 T 10 R 13 Thoroughfare Magnetic contours showing total intensity magnetic field of the earth in gammas relative to arbitrary datum 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 NOTE 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 aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station T 9 R 13 APPROXIMATE LIMIT OF SURVEY Lower Russell Pond @AUGUSTA (E A G L/E INDEX MAP OF MAINE SHOWING AEROMAGNETIC R 13 INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.-62222 Base map from U.S. Geological Survey topographic quadrangle map Aeromagnetic survey flown at 500 feet above ground, 1955 AEROMAGNETIC MAP OF PART OF THE CHURCHILL LAKE QUADRANGLE PISCATAQUIS COUNTY, MAINE ByR. W. Bromery, E. F. McGowan, and others SCALE 1:62 500 GEOPHYSICAL INVESTIGATIONS CONTOUR INTERVALS 10 AND 50 GAMMAS MAP GP-375 For sale by U.S. Geological Survey, price 50 cents