



AEROMAGNETIC MAP OF THE ARNOLD MESA AREA, ARIZONA

BY
 U.S. GEOLOGICAL SURVEY
 1981



LEGEND

FLIGHT ALTITUDE 1000 FEET TERRAIN
 FLIGHT INTERVAL TRAVERSE 0.5 MILE THE LINE VARIABLE
 TRAVERSE DIRECTION EAST - WEST
 CONTOUR INTERVAL 20 GAMMA
 PROJECTION U.T.M. CLARKE 1866, ZONE 12
 BASE MAP USED U.S.G.S. 1:24,000
 SURVEY FLOWN AND COMPILED AUGUST 1980 BY AIRMAG SURVEYS INC.
 PHILADELPHIA, PENNSYLVANIA
 MAGNETOMETER SAMPLING RATE ONE SECOND
 MAGNETOMETER USED AIRMAG MARK IV FLUXGATE
 AIRMAG PROJECT NO. 754

REGIONAL IGRF (1975-1980.85) CALCULATED EVERY 7 1/2 MINUTES AND APPLIED TO THE RECORDED FIELD.

TRAVERSE LINE 5420 FIDUCIAL 6375 HAS TOTAL MAGNETIC INTENSITY VALUE OF 50,812 GAMMA. SAMPLE TAKEN AUGUST 4, 1980 08:54 HOURS LOCAL TIME.

RECTANGULAR CONTOURING GRID NET OF 198.4 METERS N/S, E/W.

