UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 736
PLATE 2

Aeromagnetic surveys by the U.S. Geological Survey were made between 1952 and 1959 with a continuously recording fluxgate magnetometer installed in a two-engined plane flying at 150 miles per hour. East-west traverses were flown at 8,500 feet barometric elevation, except over the mountains. Flights were at 12,500 feet barometric elevation over the La Sal and Henry Mountains, 11,500 feet over the Abajo Mountains, and 10,000 feet over the Ute Mountains. Over the Lisbon Valley area of Utah and the adjoining Uravan area of Colorado, traverses were flown about 500 feet above the ground surface. Flight lines were 2 miles apart in the Lisbon Valley and Uravan areas, 1 and 2 miles apart over the La Sal and Abajo Mountains, and 1 mile apart over the remainder of the area.

Base from U.S. Geological Survey: Grand Junction, Salina, Moab, and Escalante, 1956–62; Cortez, 1956–61; Marble Canyon, 1956–63; Shiprock, 1954–63

SCALE 1:250 000
5 0 5 10 15 20 25 MILES
5 0 5 10 15 20 25 KILOMETERS
CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVALS
DATUM IS MEAN SEA LEVEL
1972 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 15°00' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14°00' EASTERLY FOR THE CENTER OF THE EAST SIDE

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1973—G71318

AEROMAGNETIC MAP OF THE CENTRAL COLORADO PLATEAU, UTAH, COLORADO, AND ARIZONA