



**AEROMAGNETIC DATA
and
INTEGRATED GEOLOGICAL-GEOPHYSICAL INTERPRETATIONS
NEVADA, UTAH, CALIFORNIA**

Most of Nevada is covered by proprietary, nonexclusive aeromagnetic data. The surveys were flown between 1978 and 1988 on behalf of two consortia of petroleum companies and two consortia of mining companies. The four surveys were flown to uniform specifications – a 1.5-mile by 1.5-mile square grid at 7,500 feet barometric elevation. The data were acquired by high-sensitivity proton and cesium vapor magnetometers.

These aeromagnetic data are superior to those available in the public domain for several reasons. The surveys were flown to uniform specifications; the profile data are available and are in digital form; the surveys were flown on a square grid, not just east-west as were most of those in the public domain; processing of the data is state-of-the-art.

DELIVERABLES

CD-ROM with digital profile data and grids of Total Magnetic Intensity (IGRF removed) and Reduced-to-Pole Total Magnetic Intensity.

Additional filter and operator products and maps available.

Minimum Purchase: One 30-minute quadrangle, approximately 1,250 line miles

SPECIFICATIONS

Northwest Nevada

Flight Date:	November 1987 - January 1988
Line Mileage:	26,900
Flight Direction:	East-West and North-South
Traverse Interval:	1.5 miles by 1.5 miles
Flight Altitude:	7,500 ft barometric with 1000-ft drape over the ranges
Location Systems:	Loran navigation tied to photographic flight path recovery
Magnetometer:	Cesium vapor, high sensitivity magnetometer

Northeastern Nevada

Flight Date: May-July 1985
Line Mileage: 24,258
Flight Direction: East-West and North-South
Traverse Interval: 1.5 miles by 1.5 miles
Flight Altitude: 7,500 ft barometric with 1000-ft drape over the ranges
Location Systems: Teledyne-Ryan APN 220 Doppler System in conjunction with a 35mm flight path camera
Magnetometer: GeoMetrics Model G-813 Proton Magnetometer with 0.005-gamma sensitivity (sample rate at 70 meters)

Eastern Great Basin

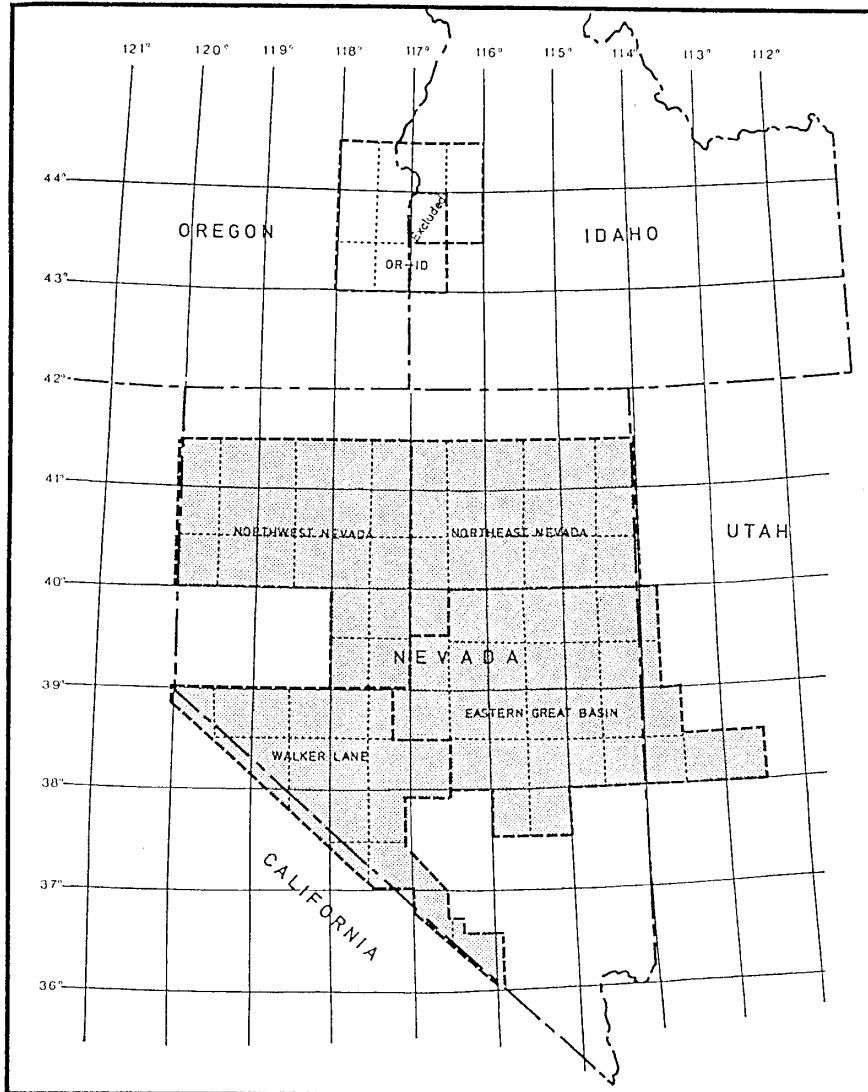
Flight Date: November 1978 - April 1979
Line Mileage: 39,050
Flight Direction: East-West and North-South
Traverse Interval: 1.5 miles by 1.5 miles
Flight Altitude: 8,500 ft barometric with 1000-ft drape over the ranges
Location Systems: Singer SKK 1000 Doppler, Singer SKQ-601 Computer and Sperry C-12 Gyro Stabilized Compass
Magnetometer: GeoMetrics Model G-803 Proton Magnetometer with 0.5-gamma sensitivity (sample rate at 50 meters)

Walker Lane

Flight Date: June - July 1989
Line Mileage: 20,900
Flight Direction: East-West and North-South
Traverse Interval: 1.5 miles by 1.5 miles
Flight Altitude: 7,500 ft barometric with 1000-ft drape over the ranges
Location Systems: Loran navigation tied to photographic flight path recovery
Magnetometer: Cesium vapor, high sensitivity magnetometer

PRICE

Call for quotation



Non-exclusive proprietary aeromagnetic surveys