

### SURVEY SPECIFICATIONS:

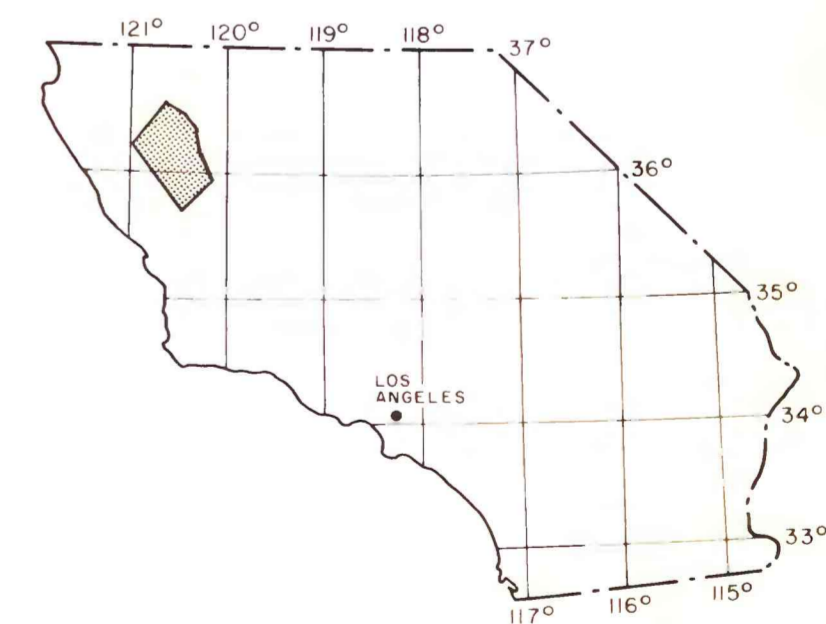
Contour Interval:	20 Gammas
Flight Line Spacing:	0.50 Mile
Tie Lines:	13.0 Miles
Flight Line Direction:	NORTHEAST - SOUTHWEST
Tie Line Direction:	NORTHWEST - SOUTHEAST
Sample Interval:	196.8 Feet
Flight Path Record:	JVC Color Video Camera
Digital Acquisition System:	GeoMetrics G-714
Latitude and Longitude Interval:	5.0 Minutes
Survey Altitude:	1000 Feet MTC
Projection:	Universal Transverse Mercator
Grid Zone:	10
Spheroid:	Clarke 1866 Spheroid
Flight line recovery:	Visually to 1:24000 USGS topos
Magnetometers:	GeoMetrics G-813 Proton Precession
Sensitivity:	0.01 Gamma

Flown:	February, 1986
Flown by:	Airborne Geophysics, Inc.
Compiled by:	EG&G GeoMetrics

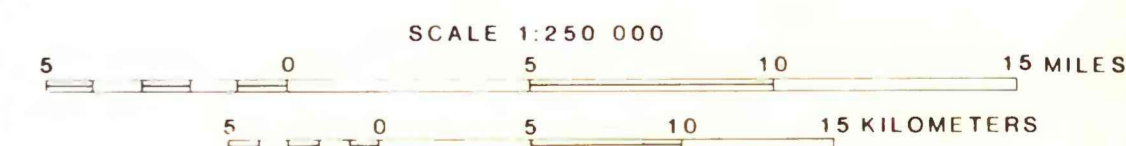
Corrected Total Intensity Magnetometer Value	Before Removal of IGRF	
X-LCTN-METERS :	727243.87	
Y-LCTN-METERS :	454445.06	
TIME :	9.9350	
MAG-CORR-DNL-GAMMAS :	49790.71	

### PROCESSING DETAILS:

Reference field:	1980 IGRF Updated to 1986.1
Diurnal:	Removed
Type of Filtering:	None
Levelling:	DC Bias adjusted by least squares
Interpolation Method:	Minimum Curvature with Bubic Spline
Magnetic Declination:	15.04 Degrees
Primary Grid Size:	396.875m by 396.875m
Tie Lines were not used in Interpolation:	
Type of Data:	"Stinger" Residual Magnetic Data From The Horizontal Gradiometer System:



INDEX MAP OF SOUTHERN CALIFORNIA  
showing location of this study area



## AEROMAGNETIC MAP OF THE HERNANDEZ - PARKFIELD AREA, SOUTHWESTERN CALIFORNIA

BY  
U.S. GEOLOGICAL SURVEY  
1987

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