



REGIONAL FIELD

AIRCRAFT
N448SL CESSNA TITAN 404

MAGNETOMETER
SPLIT BEAM CESMUS SINTREX HB
RESOLUTION 0.001 non-ferrous
CYCLE RATE 1.01 second
SAMPLE INTERVAL 80 meters (average)

SPECTROMETER
256 CHANNEL ESW 1000
LINE LINE 50-34 inches
CYCLE RATE 1.00 second
SAMPLE INTERVAL 80 meters (average)

FLIGHT REQUEST
PICODAS PDRS-100 ACQUISITION SYSTEM
11 CHANNEL RMS GR33R

FLIGHT LINE SPACING
TRAVERSE LINES 805 meters
TE LINES 2100 meters

FLIGHT LINE ORIENTATION
TRAVERSE LINES 090-270 degrees
TE LINES 000-180 degrees

SURVEY HEIGHT
122 meters - mean terrain above sea level

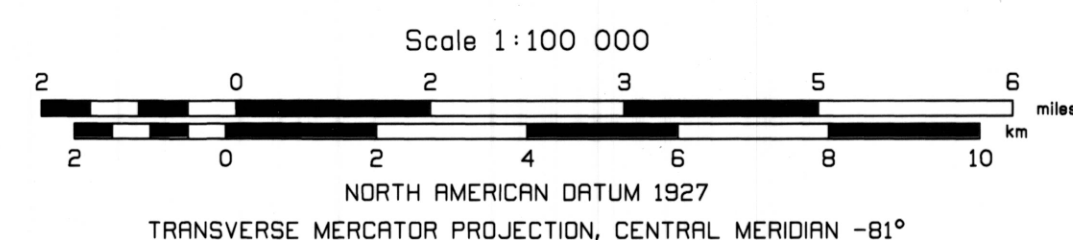
NAVIGATION
GPS navigation system
FLIGHT PATH RECOVERY
GPS located
with doppler positioning between located fiducial

REGIONAL FIELD

GRID CELL SIZE
CONTOUR INTERVAL
PARALLAX CORRECTION
SAMPLE DATA VALUE BEFORE IGRF REMOVAL

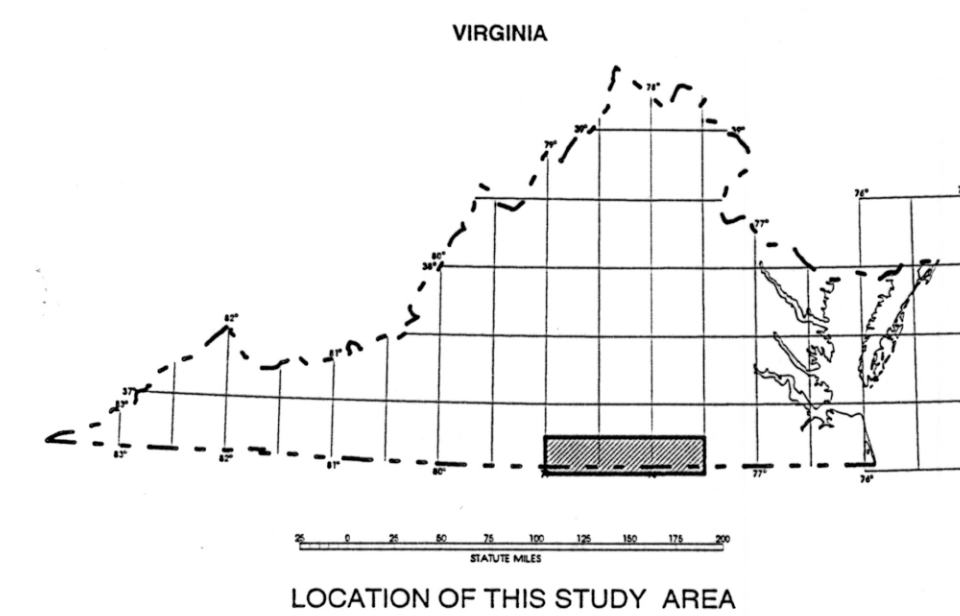
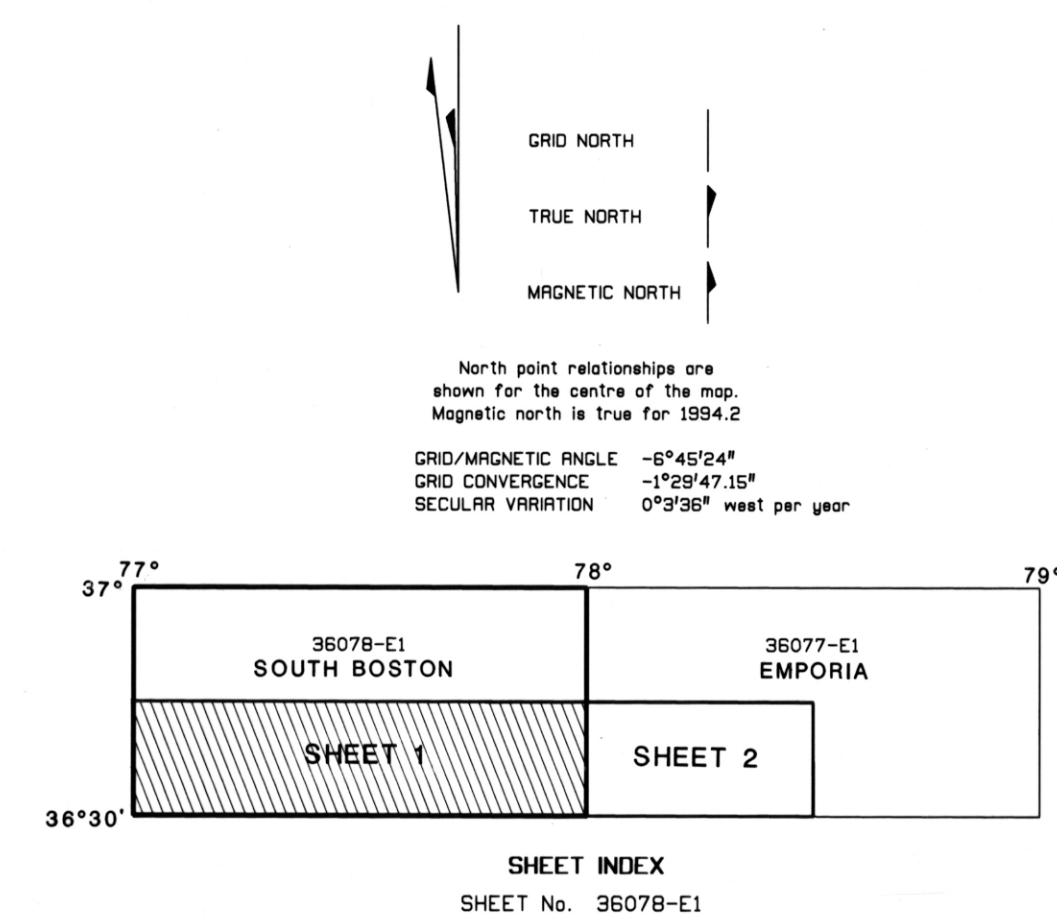
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IGRF model 1990 and secular
variation model 1990-1995
have been removed.
400 metres.
10 nanoTeslas.
0.40 fiducial.
78° 58' 49" W
36° 30' 43" N
94:03:20:14:26 YY:MM:DD:HH:MM
52883 nanoTesla
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Flown and compiled by:
BGM AIRBORNE SURVEYS, INC.



RESIDUAL AEROMAGNETIC MAP OF THE DANVILLE AREA, VIRGINIA AND NORTH CAROLINA

BY
U.S. GEOLOGICAL SURVEY
1994



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