



AIRCRAFT
VH-MEH ROCKWELL SHARKE COMMANDER 500S

MAGNETOMETER
SPLIT BEAM CESUM SCINTREX V200
RESOLUTION 0.01 nanoTeslas
CYCLE RATE 0.2 seconds
SAMPLE INTERVAL 14 metres

SPECTROMETER
256 CHANNEL EXPLOREX CM 08008
VOLUME 33.58 litres
CYCLE RATE 1 second
SAMPLE INTERVAL 70 metres

DATA ACQUISITION
8 CHANNEL WHITMAN MC 8700 CHART RECORDER
HEWLETT PACKARD 9855 COMPUTER
AUSTREX DIGITAL ACQUISITION SYSTEM
FLIGHT LINE SPACING
TRANSVERSE LINES 500 metres
TE LINES 5000 metres
FLIGHT LINE DIRECTION
TRANSVERSE LINES 90 - 270 degrees
TE LINES 0 - 180 degrees
SURVEY HEIGHT
150 metres - MEAN TERRAIN CLEARANCE

NAVIGATION
VISUAL FROM PLANNED FLIGHT STRIPS
FLIGHT PATH RECOVERY
ONTO R.M.S. CONTROLLED PHOTOGRAPHS

**N.E. TASMANIA
AIRBORNE GEOPHYSICAL SURVEY**

Department of Mines Tasmania
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TOTAL MAGNETIC INTENSITY CONTOURS

DATA PROCESSING
REGIONAL FIELD IGMF MODEL 1985 REMOVED
GRID CELL SIZE 150 metres
CONTOUR INTERVAL 5 nanoTeslas
PARALLEL CORRECTION 2 fT/minute
BASE VALUE ROUNDED 80075 nanoTeslas

