

# Aerogeophysics

more than 1 million line-km

## Remote Sensing



**Aerogeophysics since 1960**

Oil Prospecting  
Mineral Prospecting

**Remote Sensing since 1973**

Scientific Purposes  
General Planning and Mapping

**Interpretation**

Environmental Control

---

### Sensors

**Magnetometers**

Geometrics G 803  $\pm 1 \gamma$   
Geometrics G 804  $\pm 0.1 \gamma$   
PRAKLA-SEISMOS MDR  $\pm 0.01 \gamma$

**Gamma Ray Spectrometer  
(Total and Th, U, K)**

Exploranium DGRS 3001 3...40 l

**Electromagnetometer**

Geonics EM 18  $\pm 1\%$

**Infrared Scanners**

Daedalus DS 1230, DS 1240  $\pm 0.15 \text{ K}$

**Multispectral Scanners**

Daedalus DS 1250, DS 1260  $\pm 1\%$   
Bendix M<sup>2</sup>S  $\pm 1\%$

**Aerial Cameras**

Zeiss Wild (Focal Length 8,5...60 cm)  
Black/White Colour False Colour

**LANDSAT (ERTS) – MSS**

using Computer Compatible Tapes

---

### Survey Aircraft – Navigation

**Aircraft**

Aero Commander 680 F, 680 FL  
Cessna 206 TU

**Helicopters**

Alouette III Kamov KA 26 Bell 212

**Navigation**

PRAKLA-SEISMOS ANA (Offshore-Radio)  
K-Band Doppler with Digital Flight Track Computer  
Radar Altimeter  
Gyro Stabilized True Scale Tracking Camera  
(35 mm Cont. Strip)

---

### Analog and Digital Processing

**Single Channel  
Channel Relations**

Reduced Profiles Contour Maps  
Areal Black/White  
Sliced Levels (8...256) Black/White or Colour

---

### Devices

**Computers**

CDC 6600 CDC 3300 pdp 11/45 pdp 8e  
Analog Signal Processor Daedalus DS 1850

**Plotters**

Flat Bed Calcomp 748 Drum Calcomp 936  
Digital Image Plotter PRAKLA-SEISMOS KPU  
125 mm Black/White Film Printer Daedalus DEI 616  
70 mm 8 Colour Film Printer Daedalus DEI 1801

**Digitizer**

Pencil Follower D-Mac Ltd.