



FIGURE 2

Map showing the flight path of the CCRS Convair 580 for the sensor-equipped overflight.

The observation aircraft carried five CCRS crew members consisting of two pilots, one mission manager and two sensor specialists. Flight representatives included one cockpit/navigation observer from Hungary, and two Hungarian and one Canadian sensor specialists as observers.

This overflight was conducted on 16 January 1992 from Ottawa. The aircraft took off from Ottawa International Airport at 11:35 am and landed again at Ottawa International Airport at 2:40 pm. TABLE 1 provides a summary of the flight lines completed during the mission. Appendix D outlines technical information regarding the overflight. Appendix E supplies cost information.

SAR data collected during the overflight was recorded onto a 14-track high density digital tape (HDDT) for processing after the overflight. A real time "quicklook" product was produced on-board to supply an imagery product for immediate evaluation.

Measures were taken during the overflight for testing of the film to ensure optimum quality. An additional fifteen photo exposures were taken after the last photo line to provide for initial calibration and verification of the processing. As well, several frames of unexposed film were used for photolab exposure of step wedges.