



△ Canadian Armed Forces helicopters of 408 Tactical Helicopter Squadron operate as part of the Multinational Force and Observers (MFO) in the Sinai. Canadian personnel provide helicopter support to the MFO, including observation and verification, command and control, logistic support, search and rescue, medical

evacuation and air traffic control. During the operation of the Sinai Field Mission (SFM), aerial reconnaissance, including observations from helicopters, formed one component of the verification system. (Canadian Forces Photo).

promise for Canada. With their expertise in telecommunications, electronics, radar and infra-red technology, several Canadian firms as well as federal government agencies could produce many of the sensing devices and much of the optical equipment used for early warning and verification procedures.⁶⁷ This technological expertise could be employed by the United Nations or an international verification agency

of which Canada could be a leading member. In this way, Canada could make a significant contribution to peacekeeping as well as advance through further research the "state of the art" in those sensor technologies appropriate for verification tasks. A major challenge here, however, is to educate the relevant industries of the technological requirements and opportunities of verification.⁶⁸

⁶⁷ To get a better sense of Canadian capabilities in this area, it would be useful for government and academic researchers to generate an inventory of Canadian expertise relevant to the verification technology used in the arms control context.

⁶⁸ The education process suggested here might begin with the initiation of an industry-government roundtable on arms control that would focus on the presentation of technical briefings and policy papers by government and industry representatives on the subject of verification. The roundtable would seek to anticipate arms control and verification needs with a view toward specializing in those technologies where Canada is already at the leading edge.

