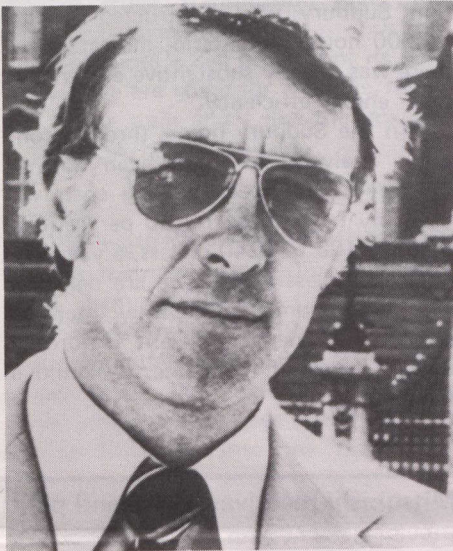


Newsman caught in cross-fire

Clark Todd, one of Canada's top foreign correspondents, died of wounds while on assignment in Lebanon after being hit in the chest by flying shrapnel.

Mr. Todd, who was London bureau chief of CTV, was visiting the Lebanese mountain village of Kfar Matta to cover the September withdrawal of Israeli forces from Lebanon's Chouf mountains. Within hours of the pullback, fighting erupted and Mr. Todd was caught in the cross-fire.

No stranger to danger, the 38-year-old Todd was previously wounded in Northern Ireland, detained in Egypt during anti-Anwar Sadat demonstrations and arrested in Poland while covering the Solidarity riots. He had been on several assignments in war-torn Lebanon and, according to friends, felt compelled to do everything possible to unravel and interpret events in the region.



Canadian newsman Clark Todd.

The award-winning journalist, whose broadcasting career began in Saint John, New Brunswick, worked for CTV affiliates in Newfoundland and Montreal before joining NBC news as its correspondent in London. He rejoined CTV in 1980 as London bureau chief.

In an editorial paying tribute to Mr. Todd, the *Globe and Mail* underlined the impact that such an event makes on Canadian lives. "The tragic fate of this Canadian journalist transforms Lebanon's massacre of innocents into a human drama that touches all Canadians regardless of their ancestry. That is in its way a tribute to the life, as well as the death, of a foreign correspondent."

Space shuttle contracts won by Canadian companies

Two Ottawa-area companies will benefit from major contracts with the US space shuttle working on a scientific experiment scheduled for flights beginning in 1988.

Canadian Astronautics Ltd. (CAL) of Ottawa, a supplier of sophisticated electronic and computing hardware to aerospace projects, has won a \$10-million contract as the prime Canadian contractor on a project to investigate the effect of the ionosphere on the earth's climate. The project was recently announced by the ex-Minister of Supply and Services Jean-Jacques Blais.

A tiny, seven-employee antenna manufacturing firm, Til-Tek Limited of Kemptville, Ontario won a \$300 000-contract to provide components.

The contracts mark the entry of the Ottawa area hi-tech community into the space shuttle program. The other main Canadian element in the shuttle program, the remote manipulator Canadarm, is manufactured by Spar Aerospace of Toronto.

Aside from serving as Canada's official contribution to the shuttle program, the projects are designed to help promote and improve Canadian technology. Canada will also share in the data that is collected. The aim of the program is to study how the sun reacts with the ionosphere in affecting the earth's climate.

The over-all project is worth \$12.8 million to Canadian firms and will create an estimated 120 person-years of work. It is a joint effort by the National Research Council of Canada and the National Aeronautics and Space Administration in the United States.

The experiment will fly on the shuttle as part of the *Space Plasma Laboratory*, a series of missions beginning in 1988 with subsequent flights every 18 months.

The four-year deal will allow CAL — a ten-year-old firm with 105 employees and 1982 sales in the \$10-million range — to hire more than 20 new employees, gain world-class expertise in ionospheric phys-



Former Minister of Supply and Services Jean-Jacques Blais (left) with CAL President James Taylor.

ics and, according to CAL general manager Aidan Furlong, has given the firm "the confidence" to approve a tripling of the company's current 1 858 square metres of space.

The company already manufactures satellite ground stations and equipment, aircraft and marine search and rescue hardware, a range of space hardware subsystems, remote sensing radar hardware and radiation dosimeters. Up to 60 per cent of its sales are to the Canadian government, and much of the rest is to other governments.

For tiny Til-Tek Limited, the \$300 000-contract to produce the unit to interface the antenna with monitoring equipment is equal to 1982's total sales and allows it to diversify into a fourth area of antenna technology.

Til-Tek designs and manufactures, through subcontractors in the Kemptville area, antennas for radio-telephone base stations. These allow the use of up to 1 000 customers on one antenna, as well as "intelligent" antennas for satellites which can process data they are receiving and automatically alter their bearings. The company will soon be releasing an antenna for use in cellular radio base stations.

While Canadian satellites *Alouette* and *ISIS* did some ionosphere research, CAL's system will be more sophisticated, flexible and complex, said CAL president James Taylor.

CANAPRESS

The Citizen