

Section II

COMPANY PROFILES

AASTRA AEROSPACE Inc

ADDRESS: 1685 Flint Road
Downsview, Ontario, Canada
M3J 2W8

CONTACT: Mr Hugh Scholaert, Director, Business Development –
(416) 736-7070

HISTORY: Aastra Aerospace Inc was originally incorporated in 1969 as H Aass Aero Engineering Ltd. Until 1983, most company activities focused on aeronautical engineering services. In 1983, the company began operating under the name of Aass Aerospace. This reflected corporate activity in spacecraft systems design and technology development. In order to better market itself on an international level, the company name was formally changed to Aastra Aerospace Inc in January 1988. The company head office is in Toronto, Ontario, and a small field office operates from Ottawa, Ontario.

CAPABILITY: The company provides engineering services to the aerospace and defense industries. These services are divided into three distinct sets of activities:

- Engineering Design Services – Aastra serves the aviation sector and aerospace industries with expert engineering services in the fields of structures, mechanical and control systems design. Emphasis is placed on the system design and implementation of advanced sensors, remote sensing, and surveillance equipment onboard aircraft, spacecraft and land vehicles.
- Advanced Technology Development – Aastra performs contract research and development mostly for government agencies in Canada and abroad. Emphasis is placed on space systems, microgravity processing technology, materials research, advanced structures ("smart" structures), and structural dynamics.
- Software Sciences – Aastra provides systems engineering services for the implementation of advanced simulation technology. Most work encompasses event simulation of C² and operations for space-based and airborne activities.

The company facility and personnel have Secret security clearances.

AVERAGE WORK FORCE: Graduate Engineers – 3
Post Graduate Engineers – 12

GROSS SALES: 1986 – \$800K
1987 – \$1.4M (Est'd)

PLANT SIZE: 5,000 Sq Ft (Office & Light Manufacturing)

EQUIPMENT: Computer facilities include – MicroVax, Sun workstations, and IBM PC compatible equipment; access to a variety of major software packages which have become industry standard or which have been developed in-house; and a small well-equipped materials laboratory for ceramic composites research.

EXPERIENCE: Aastra has served a majority of aviation and aerospace industry clients in Canada and around the world. Major development activities have been undertaken for Canadian government agencies. This includes – Defense Research Establishment (Ottawa), Director General Aerospace Engineering and Maintenance, National Research Council – Space Division, Transport Canada – Flight Services, RCMP – Flight Directorate, and Canada Center for Remote Sensing.

KEYWORDS: Systems Engineering; Structural Dynamics; Mechanical Systems; Control Systems; Simulation Facilities; Aeronautical Engineering; Aerodynamics Analysis; Software Development; Materials Research; Smart Structures; Flight Dynamics; Stability and Control; Flight Testing; Remote Sensing; Space Based Radar; Laser Applications; Ceramic Composites; Radar (Space).

REVISED: February 88

ADGA GROUP

ADDRESS: 116 Albert St, Suite #400
Ottawa, Ontario, Canada
K1P 5G3

CONTACT: Mr J Kevin Burke, PEng – (613) 237-3022

HISTORY: The ADGA Group was established in 1969 to serve the needs of clients throughout the world. ADGA is privately owned with over two hundred professional and technical employees.

The head office is located in Ottawa, Canada's capital, with branch offices in Montreal and Toronto. Associate offices are located in Halifax, Vancouver, England, and Switzerland, which enables ADGA to offer a broad range of services on an international basis.

ADGA is without direct ties to any specific supplier, government or fiscal agency, and offers truly independent and objective consulting services to its clients.

CAPABILITY: The Group possesses wide and proven experience in consulting, design, installation, operation and maintenance of technical facilities for the support of a wide range of domestic and international projects in the electronics and computer systems areas.

Major areas of company expertise include data/voice communications, navigation aids, air traffic control, satellite systems, marine vessel traffic management security system design and software development.

More recently, the company has expanded its in-house capability in the design of Integrated Logistics Support (ILS) systems, Automated Configuration Management and AQAP-1 Quality Assurance consulting. The company works under a variety of business arrangements including industrial development and joint-venture projects and major subcontracts.

AVERAGE WORK FORCE: Professional – 50
Technologists/Technicians – 120
Others – 30

GROSS SALES: No Data

EQUIPMENT: Electronic R&D and test facility, and in-house computer systems.

EXPERIENCE: Present customers include all major departments in the Canadian Government, as well as numerous departments of the provincial governments and industries in both Canada and the US. The company is interested in developing business with DOD in its areas of technical expertise.

KEYWORDS: ATC; Communications; Consulting (Nav/Comm); Fire Control; ILS; Radar; Radio Communications; Satellite Communications; Secure Communications; Software Services; Systems Engineering (Nav/Comm).

REVISED: February 88