

## NAVAIR Ltd

**ADDRESS:** 2450 Derry Rd East, Hangar #2  
Mississauga, Ontario, Canada  
L4T 3B6

**CONTACT:** Mr Terry Malone, Marketing Manager - (416) 676-4150

**HISTORY:** Navair Limited is a Canadian manufacturer and distributor of avionics oriented electronics equipment. Formally incorporated as NAVAIR LIMITED in 1971, the company was originally established as the Field Aviation Avionics Division in 1959, and has a long history of service to both the North American and overseas aircraft industry from its base at the Lester B Pearson International Airport in Canada.

**CAPABILITY:** Navair Limited has three distinct spheres of operation:

- Avionics sales, installations, repairs and overhaul. Avionics installations are performed in all types of aircraft, including survey and reconnaissance aircraft; piston-engined, turbine and jet aircraft; military and government aircraft such as the Lockheed C-130 and Electra L-188; deHavilland DHC-5D Buffalo and DHC-6 Twin Otter; Convair 540; and Grumman GI (Commercial). The repair and overhaul section has a full range of facilities and fully qualified personnel for servicing the most sophisticated avionics systems.
- Test equipment sales, repair, overhaul and re-calibration for the avionics and telecommunications industry are performed at the Navair facility.
- Preparation and instructing of training programs in avionics and aircraft systems to all levels. This includes the design and supply of "turnkey" workshop facilities for customers in various parts of the world.

Navair Limited operates under strict quality control procedures and is a designated approved company by the Canadian Ministry of Transport (MOT Approval No. 13-74). It is authorized to certify avionics installations and modifications (including structural modification) up to an including BOEING 727 and 737. Navair maintains a Canadian Military AQAP-1 Quality Assurance approval standard.

**AVERAGE WORK FORCE:** 42 (with additional contract personnel as required)

**GROSS SALES:** 1986 - \$7.0M  
1987 - \$8.0M

**PLANT SIZE:** 7,500 Sq Ft (Office and service facilities)  
6,000 Sq Ft (Hangar space)

**EQUIPMENT:** Full complement of test equipment for full-range avionics repair and overhaul; hangaring and aircraft storage facilities for most aircraft; engineering and drafting departments; and class rooms and equipment (including audio-visual) for training programs.

**EXPERIENCE:** Present customers include various departments in the Canadian Government such as Transport Canada, National Defense, Coast Guard, and The deHavilland Aircraft Company Ltd. Navair Limited is interested in doing business with the USAF.

**KEYWORDS:** Custom Software (ATE); Installations (Avionics); Modification (Aircraft/Avionics); R&O (Avionics); Telecommunications Test Equipment; Training; Training (Audio-Visual).

**REVISED:** February 88

## NORSTAR INSTRUMENTS Ltd

**ADDRESS:** 319 - 2nd Avenue S W  
Calgary, Alberta, Canada  
T2P 0C5

**CONTACT:** Mr R A Collie, President & Chief Executive Officer -  
(403) 262-0800

**HISTORY:** Norstar is a wholly owned subsidiary of Nortech Surveys (Canada) Inc which was originally an operating unit of Shell Canada Ltd. Nortech and its predecessor company (Sheltech), pioneered precise positioning and navigation requirements.

**CAPABILITY:** Norstar is a Canadian manufacturer of Global Position System (GPS) satellite receivers. The Norstar 1000 currently available, is a five channel high-precision instrument used for precise positioning and navigating in dynamic and static modes. Dynamic capabilities permit use for air, land and sea applications. With a single instrument, accuracies of a few meters are achieved and in a differential mode, sub-meter accuracies are standard.

Other models under development include a dual frequency multi-channel unit and a two channel sequencing unit.

Norstar's parent company, Nortech, is a high technology positioning and navigating company. Nortech has undertaken many research projects in the fields of Inertial, GPS and Doppler navigation and has unique capabilities in systems integration.

**AVERAGE WORK FORCE:** PhD - 1  
Masters - 3  
Engineers & Other Professionals - 29  
Others - 50

**GROSS SALES:** 1986 - \$6.0M  
1987 - \$6.2M

**PLANT SIZE:** 14,000 Sq Ft

**EQUIPMENT:** Large number of field and office computers, ten GPS receivers, twelve JMR Doppler receivers, seven Ferranti FILS Inertial systems, and large quantity of VHF & UHF navigation equipment.

**KEYWORDS:** Navigation; Guidance; Global Positioning; System Receivers.

**REVISED:** March 88

## NORTHERN TELECOM CANADA Ltd

**ADDRESS:** 304 The East Mall  
Islington, Ontario, Canada  
M9B 6E4

**CONTACT:** Mr Alan F Lytle - Vice President, Business Development  
(416) 232-2000

**HISTORY:** Northern Telecom Canada Ltd, based in Toronto, Canada, is a subsidiary of Northern Telecom Ltd. Northern Telecom Ltd is the telecommunications manufacturing subsidiary of Bell Canada Enterprises Inc. The manufacturing company has a US subsidiary, Northern Telecom Incorporated which is headquartered in Nashville, TN; a European subsidiary, Northern Telecom PLC, based in London, England; and an Asian subsidiary Northern Telecom Pacific, based in Tokyo, Japan.

**CAPABILITY:** Northern Telecom designs and manufactures a complete range of telecommunications equipment covering central office switching, private branch exchanges, packet switching, transmission systems, terminal and distribution systems, and electronic integrated office systems. Research and development is conducted by Bell Northern Research Ltd, the largest research and development organization in Canada. Northern Telecom Electronics, based in Mississauga, Ontario, manufactures printed circuit boards, hybrid components, and custom semi-conductor chips for Northern Telecom products.

As a developer and supplier of a complete range of products, Northern Telecom markets products in more than 90 countries. Services based on Northern Telecom products include government, military, private, commercial and public networks worldwide.

**AVERAGE WORK FORCE:** Canada - 21,000  
USA - 20,000  
Off Shore - 5,000