

# FELL-FAB PRODUCTS

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**HISTORY:** Fell-Fab was established in 1954 as a two-man company, manufacturing truck tarpaulins. It has evolved into a sophisticated manufacturing facility specializing in textile products with 130 employees, an engineering group, clean room facilities, advanced manufacturing equipment and quality assurance programs that satisfy both military and commercial aviation requirements. Fell-Fab has a wide range of proprietary products related to storage and transportation. Fell-Fab is a privately held Canadian company.

**CAPABILITY:** Fell-Fab's capabilities include:

- Thermal and shock protection systems for spacecraft. Installations include the interleaves for solar array and multi-layered insulation for the satellite body on the European Olympus satellite program.
- Fire-block seat covers and interiors for aircraft. Fell-Fab equipped DND's B707 fleet with passenger seat covers and is supplying crew fire-blocked seat covers for the complete Air Canada fleet. Canadair's CL-600 and CL-601 are using Fell-Fab's acoustical and thermal insulation.
- Cargo restraint systems for aircraft, naval vessels and ground vehicles. Fell-Fab supplied the webbing system for DND's C-130 fleet.
- Customs covers. Fell-Fab supplies wing covers to McDonnell Douglas Canada for the protection of the complete wing during transportation to California.
- Military webbing and equipment. Fell-Fab supplies the personal webbing to DND together with specialized equipment such as flight helmet bags, ammunition pouches, body bags and water bottle containers.
- Tents, sleeping bags and ground sheets. Fell-Fab participates in DND's modular tentage system designed for arctic and tropical use. Most protective shelters used by Bell Canada and other public utility companies are provided by Fell-Fab.
- Soft Body Armour. Fell-Fab is an approved vendor to the Royal Canadian Mounted Police for bullet proof vests and is developing applications for thin-skinned vehicles and aircraft. Fragmentation jackets also form part of Fell-Fab's capability to DND.
- Antenna covers. Microwave antenna shields protect Andrew equipment around the world.
- Dry and liquid bulk transportation and storage. A range of patented systems allows the utilization of standard containers for efficient bulk transportation and facilitates the protection and storage of, for example, grains and resins.

**AVERAGE WORK FORCE:** Engineers - 4  
Technicians - 4  
Others - 122

**GROSS SALES:** 1986 - \$6.5M  
1987 - \$5.5M

**PLANT SIZE:** 60,000 Sq Ft

**EQUIPMENT:** Comprehensive range of manual and automatic machinery for cutting, sewing, welding and gluing fabric, specialized plastics and composite material. CAD/CAM system with auto cutting and fabrication was installed in late 1987. Clean room facilities.

**EXPERIENCE:** Over 60% of Fell-Fab's production is exported, primarily to government organizations or large companies, such as airlines in the US and Africa. Refer to the capabilities section for experience related to specific product lines. In addition, Fell-Fab's container experience has resulted in an invitation from the Canadian Government to participate in the development of missile containers.

**KEYWORDS:** Aircraft Interiors; Armour; Cargo Handling Equipment; Collapsible Storage Containers; Components (Aircraft); Fabrication (Fabrics); Harnesses; Satellite Subsystems; Seat Covers (Fire-Block); Sewing (Fabric); Sleeping Bags; Storage Systems (Dry & Liquid); Tents; Transportation Systems (Dry & Liquid); Webbing; Welding (Fabric).

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# FIELD AVIATION COMPANY Ltd

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**HISTORY:** Field Aviation started in Canadian general aviation in 1947 in Oshawa, Ontario, and expanded to include a western facility in Calgary, Alberta in 1952. The eastern facility moved to the Toronto airport in 1960. The company is one of the Hunting Group of Companies, a widely diversified group with headquarters in London, England and operations worldwide in many different segments of the manufacturing and service sectors. Recent expansion has resulted in the purchase of a majority holding of Navair Ltd, an avionics sales, service and installation company (see separate listing) and the aviation parts distribution network previously owned by Standard Aero International. The company now has five operating arms with names and locations as follows (headquarters italic):

- Field Aviation East Ltd - *Toronto*
- Field Aviation West Ltd - *Calgary*
- Field Aviation Sales Ltd - *Toronto, Calgary, Ottawa*
- Field Aviation Parts Sales Ltd - *Vancouver, Edmonton, Calgary, Winnipeg, Toronto, Ottawa, Montreal, & Fredericton*
- Navair Ltd (Majority Share) - *Toronto*

**CAPABILITY:** Field Aviation provides a full range of aircraft sales, service, modification, repair and overhaul services to general aviation, regional airlines, corporate aviation departments, and governments. The company is the exclusive Canadian distributor for Beech Aircraft Corporation and provides a broad spectrum of Beech and other aircraft parts from its Canadian warehouses across the country.

Field West has a first-rate quality aircraft painting facility that will accommodate aircraft up to Boeing 737 size.

Field Aviation also has complete overhaul jigs for the deHavilland Twin Otter and Buffalo aircraft, and a full line of Bell helicopters. The shops have completed conversions of a number of Gulfstream G1s to commuter airliners configuration, and have undertaken major structural modifications of Convair 580 passenger aircraft to convert them to freighters.

A seat manufacturing facility in Calgary has provided production seats for the Twin Otter, CASA 212 and has developed custom seats for a number of other aircraft types. It currently produces all seats for the deHavilland Dash-8 production line.