

## ADVANCED COMPOSITE STRUCTURES

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**Keywords:** Repair, remanufacture and repair and design approvals for composite structures on all models of Aerospatiale and Bell helicopters. (Aircraft structures).

**History:** Company formed in 1988.

### **Capability/Products:**

We are best described as being a repair and overhaul facility for composite parts and we manufacture and remanufacture composite detailed parts for use in aircraft production: (All models of Aerospatiale and Bell Helicopters). We are also capable of producing disks and compression mold detailed parts for any aircraft type, including Boeing, Airbus, Canadair etc.

Repair and remanufacture of metallic and non-metallic composite structures and Repair Design Approvals (RDA's) for Aerospatiale and Bell helicopter composite structures.

Design and manufacture of heat controllers for composite shops and field repairs and the manufacture of compression mold details and potting disks for use by aircraft prime manufacturers.

R & D work on advanced materials; repair processes; controlled tooling and fixtures.

**Current Market Activity:** We are actively pursuing potential business, within North America, to capitalize on the recently signed agreement we have with Eurocopter France as an approved technical service centre for all composite work on Aerospatiale helicopters.

We are also taking a similar approach to work for operators of Bell helicopters.

We have contacted aircraft prime manufacturers about our design and manufacturing capabilities in potting disks and the benefits of reduced costs in the manufacture of aircraft structures or metallic or non-metallic honeycomb core.

We are also seeking markets, throughout the world, for our heat controllers.

**Experience:** Management and production staff have an average of nine (9) years experience in the aircraft industry.

We are specialists in advanced materials and processes and our staff has technological expertise in manufacturing technologies, applications and techniques, particularly at a high level (primary dynamic structures) of technology.

**Marketing Priorities:** Aerospatiale helicopters work is limited to North America; Bell helicopters will be limited to North America for the time being; Heat controllers and potting disks will be active worldwide and we will employ an agent in this latter area.

**Plant Size:** 12,000 square feet of production facilities.

**Average Work Force:** 25 - 30 Management/Engineers/Technicians.

**Gross Sales:** \$1.1 Million

**Ratio Commercial/Defence Exports:** Commercial

**Qualifications:** Eurocopter France/ACS technical service agreement. Ministry of Transport Canada, OEM Boeing (potting disks).

**Date:** August 10, 1992