

**Bendix Avelex Inc.**

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**Position adjustable range reference orientation transponder**

■ PARROT (a position adjustable range reference orientation transponder), developed by Bendix Avelex Inc. under contract to Transport Canada, has emerged as a critical innovation for secondary surveillance radar (SSR) and related systems. The PARROT system, a key element of Canada's Radar Modernization Program (RAMP), tests, calibrates and continuously monitors SSRs to ensure safety and reliable operation and to provide essential real-time information to the radar controller. The system, normally installed within 10 nautical miles of the SSR, provides programmable responses to Mode A, B and C interrogations, and incorporates range delays, simulates altitude, reports fault status and generates self-test functions.

**Company Profile**

A pioneer in Canadian aviation and a recognized leader in technological innovation and engineering design, Bendix Avelex Inc. is a major domestic and international supplier of aviation, defence and aerospace products. Bendix Avelex employs approximately 800 people including highly skilled technicians, machinists, mechanical and electronic assemblers, as well as trained professionals in all disciplines. The firm currently services more than 1 000 different aerospace products for over 300 customers in 55 countries.

**Blue Giant Equipment of Canada Ltd.**

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**Pallet handling equipment**

■ Blue Grass Equipment of Canada Ltd. manufactures a comprehensive range of pallet handling equipment used to transport and stock palletized loads. This equipment is designed and manufactured in various sizes and styles to satisfy numerous customer applications. The standard capacities of the pallet handling equipment range from 454 kg (1 000 lb.) to 3 630 kg (8 000 lb.) Blue Giant material handling equipment can be either manually or electrically driven.

**Hydraulic lift tables**

The company manufactures three basic models of hydraulic lift tables in many sizes with various lifting capacities up to 9 080 kg (20 000 lb.). Hydraulic lift tables have numerous applications including the positioning of materials, transfer of loads and the unloading of any type of material. Specific applications in the aviation industry include container handling as well as use in aircraft maintenance.

**Dock levelers**

Blue Giant also manufactures dock levelers that bridge the gap between a storage facility and a transport vehicle thereby increasing loading efficiency while at the same time ensuring safety. Dock levelers can be operated either hydraulically or mechanically and have a load capacity ranging from 11 360 kg (25 000 lb.) to 36 360 kg (80 000 lb.).

**Company Profile**

For over 20 years, Blue Giant Equipment has been manufacturing a broad range of material handling products. With its network of wholly and jointly owned manufacturing facilities, sub-assembly plants, licensees and distributors, all originating from Brampton, Ontario, the company supplies equipment to customers around the world. Blue Giant products are designed to operate at the highest standards of safety and efficiency in order to speed production and lower costs. The company has service networks throughout Canada, the United States and Great Britain. In other countries independent distributors co-ordinate the sales and service efforts. Blue Giant has sold products to Colombia, the United Kingdom and Singapore.



◀ Pallet handling equipment