

Radio remote control of both on-off and analog types is manufactured by RMS for use in the resource, construction, and manufacturing industries. All signalling is digitally encoded and offers excellent security of control.

RMS offers unique capabilities in research and development involving new and unusual applications. The company has demonstrated the ability to solve problems using state-of-the-art techniques. This capability is provided to the user in a coordinated manner, from evaluation to development, and then to production and implementation.

Average Work Force: Total - 45 (Engineers 35% +)

Gross Sales: FY 1981/1982 - \$ 1.9M
Next 3 Years - 40-60% increase per year
(forecast)

Plant Size: 11,000 sq ft (Vancouver)
2,000 sq ft (Toronto)
Service Facilities - Houston, TX

Experience: RMS has been involved in the continuing development of sophisticated control equipment for unmanned and manned submersible vehicles used in offshore oil industry and by Government Departments. Projects have been completed for the Canadian Defense Research Establishment (Pacific), and for the US Navy. RMS has successfully developed and put into production a sophisticated state-of-the-art synthesized UHF radio transceiver which is in a wide variety of demanding applications. They company has also developed and put into production radio controls for a variety of applications from simple on-off commands to high resolution analog controls.

Keywords: 5 = Communications; 20 = Miscellaneous; Telemetry = 5; Data Communications = 5; Modems = 5; UHF Radios = 5; SCADA Equipment = 5, 20; Radio Controls = 20; Automatic Vehicles Monitoring (AVM) = 5, 20; Computer Aided Dispatch (CAD) = 5; Remote Piloted Vehicles (RPV) = 20; Radio Modems = 5; Wire Modems = 5; Digital = 5, 20; Analog = 5, 20.

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ROCKWELL INTERNATIONAL OF CANADA Ltd

Code: ROC

Address: 150 Bartley Drive
Toronto, Ontario, Canada M4A 1C7

Contact: Mr. R Zanette, Marketing Manager - (416) 757-1101

History: Collins Radio of Canada Ltd was formed in 1954 as a wholly owned subsidiary of Collins Radio Company of Cedar Rapids, Iowa. With the acquisition of Collins Radio by Rockwell International in 1973, it became a Division of Rockwell International of Canada.

Capability: The Collins Canada Division is engaged in the manufacture of radio communications products, systems designs and support activities. Principal products are HF Receivers and Transmitters, Manpack Transceivers and Airborne Direction Finding equipment. Products and systems are sold world-wide.

Average Work Force: Engineers - 35
Technicians - 50
Others - 265

Gross Sales: \$40.0M (Approx)

Plant Size: 122,000 sq ft

Equipment: Rockwell's facility is equipped for all types of electrical and mechanical assembly employing advanced

techniques such as wave soldering, auto insertion for ICs and axial lead components. Product quality is assured by intensive in-process and completed item inspection. Test equipment is maintained and calibrated on regular cycles. Calibration is traceable to the Canadian National and US National Bureau of Standards. Requirements of the Canadian Government DND 1015 and by reciprocal agreement, US MIL-Q-9858A for quality standards are met. A detachment of the Canadian Forces Technical Services Agency is resident at the facility.

Experience: Since its inception as a manufacturing facility in 1955, Collins Canada has been providing UHF/HF equipment and systems to the Canadian Forces, the US military and a wide range of foreign countries. Current products are being supplied to the US Air Force, US Marine Corp, Canadian Forces and foreign countries. Products include military equipment such as the AN/PRC-515 HF Packset, the AN/PRC-75 VHF Packset, the UHF Direction Finder for the F-15 aircraft, and the general purpose DF-301E (OA-8697) VHF/UHF Direction Finder for other aircraft. The commercial line of HF products known as the HF-80 Series is also used in many military applications.

Keywords: 3 = Avionics; 5 = Communications; HF Receivers = 5; HF Transmitters = 5; Manpack Transceivers = 5; Airborne Direction Finding Equipment = 3; Radio Communication Products = 5; Systems Designs = 3, 5; Support Activities = 3, 5; VHF Packset = 5; HF Packset = 5; UHF Direction Finder = 3, 5; VHF/UHF Direction Finder = 3, 5.

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ROLLS-ROYCE (CANADA) Ltd

Code: RRC

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P. O. Box 1000
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Contact: Mr. Ken Hartley, Dir, New Programs -
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History: Rolls-Royce Canada was founded in 1952 for the production and support of Nene engines powering the Canadian Armed Forces' T-33 trainer aircraft built by Canadair. From that specialized beginning, Rolls-Royce Canada has continually grown and diversified. Still expanding today, Rolls-Royce Canada is a modern broadly-based aero and industrial engine facility. The company is a wholly owned subsidiary of Rolls-Royce Ltd.

Capability: Repair and overhaul has always been and will continue to be the backbone of Rolls-Royce Canada's business. The company has the ability to overhaul the following engines:

Military - Nene; GE T64; R 1820; T56; and DDA 570K.

Civil - Spey; Dart; Viper; and Tyne.

Industrial - Avon; RB211; Spey; DDA 501; and DDA 570K.

A repair engineering group works closely with prime manufacturers and the repair industry to develop and apply new repair techniques and processes. Repairs are carried out in accordance with the original manufacturer's specifications. In addition, Rolls-Royce Canada has developed more than 3000 repair schemes on its own in an effort to increase component lives and to reduce overhaul costs.

A manufacturing facility with state-of-the-art machine tools is currently machining light alloy castings and hard, high temperature steels. The range of materials the center can handle includes titanium and speciality steels, as well as