

Haileybury School of Mines. He will have his headquarters in Montreal.

The Alberta Government recently honored two pioneers of aviation in Canada, **C. L. (Punch) Dickins** and the late **W. R. (Wop) May**, by naming two lakes after them. Lake May is five miles south of Alberta's north-west extremity and Dickins Lake, about 20 miles south of the province's border. The nearest town is Fort Nelson, B.C.

Canadian General Electric Vice-President **Ronald M. Robinson** has been appointed general manager of CGE's newly-established Electronics Division. The new division comprises the electronic equipment department and the radio & television department, both of which are located at CGE's Royce electronics centre in Toronto. Airborne electronic equipment will be a responsibility of the new division.

* **Jacqueline Cochran** was recently awarded the Frank M. Hawks Memorial Award, which is given annually to the person who has performed an outstanding service to U.S. aviation during the previous year. Miss Cochran was chosen as the 1953 winner for being the first woman to fly through the sonic barrier, a feat she accomplished on May 18 of 1953, while flying the prototype Orenda-Sabre built by Canadair Limited. The Frank M. Hawks Award is sponsored by Air Service Post 501, American Legion. The presentation dinner, which was held in New York, was attended by Air Marshal W. A. Curtis, vice-chairman of the board of A. V. Roe Canada Limited, and J. Geoffrey Notman, president of Canadair Ltd.

Magnus Chemicals Limited has announced the appointment of **Ron Craymer** as technical sales & service representative for the district of Ottawa, being responsible for industrial, automotive, and aircraft sales. **Al Groves**, who has previously handled Magnus sales in the Ottawa district, will be responsible for development and sales of Magnus cleaning tanks, Hot Dips, Aja Dips, etc., now manufactured in the company's new equipment plant at Montreal.

Vickers, Incorporated, has named **Ben W. Badenoch** aircraft products sales manager. Mr. Badenoch is based at the company's general offices in Detroit.

TRADE DEVELOPMENTS

• Prices of magnesium sheet and plate have been reduced as much as 20% by Dow Chemical of Canada Ltd., General Chemicals Sales Div. The reductions in both commercial and specification grade sheet and plate have been made possible by new mass production cold rolling techniques at The Dow Chemical Company's Madison, Ill., Division.

• Anstac 2-M is used to eliminate static charges on aircraft canopies and windows, as well as on instrument windows. Although developed specifically for methyl methacrylate moldings, sheet, and other articles, it is being used successfully on vinyls, polystyrene, and many other plastics and materials as well. It is relatively fast drying and may be applied by dipping, spraying, or wetting the article with a cloth dampened in the solution. Full details may be obtained from Chemical Development Corp., Danvers, Mass.

• Titanium Metals Corp. of America, 60 E. 42nd St., New York 17, has announced price reductions averaging 12% for titanium metal mill products, particularly commercially-pure sheet and plate.

• A new process that permanently bonds a lubricant to moving parts is now being applied to all locks and latches manufactured by Adams-Rite Mfg. Co., 540W Chevy Chase Dr., Glendale 4, Calif. The compound, which acts as both a lubricant and as a protective surface, is cured to each part, forming a bond that actually becomes part of the surface. It cannot wear off or dry out due to friction or extremes of temperature.

• Dow Chemical of Canada Ltd., has changed its western district sales office from Regina to Winnipeg. New address is: Confederation Bldg., 457 Main St., Winnipeg 1.

• A new power unit, the Napier Oryx turbo-gas generator, has been announced by D. Napier & Son Ltd., England. The Oryx is a gas turbine engine arranged to enable the gas delivered by the unit to be used for propulsion by providing thrust at the tips of helicopter rotors.

• Robertshaw-Fulton Controls Co. of Greensburg, Pa., has announced the formation of a Canadian subsidiary, Robertshaw-Fulton Controls (Canada) Ltd., located in Toronto. Robertshaw-Fulton is a leading U.S. manufacturer of recording and control devices, including automatic pilots, as well as bellows and bellows assemblies. Joseph R. McCarthy of Toronto has been named as Canadian sales representative for the company's Robertshaw Thermostat, American Thermometer and Grayson Controls Divisions.

• A new radar altimeter that instantly and accurately gives constant reading of an aircraft's height above the earth's surface, has been developed by Raytheon Manufacturing Co., Waltham 54, Mass. Total weight of the altimeter is approximately 30 lbs. Transmitting and receiving antennas are mounted flush beneath the wing.

• Electro-Snap Switch & Mfg. Co. has designed a limit switch especially for use with momentary pulsed, solenoid operated valves for air and hydraulic cylinder circuits. Known as the Electro-Snap ES4-NM momentary pulsing type limit switch, the units are furnished in 1/16", 1/8" and 3/16" standard lengths, and can be supplied with "on" time lengths up to 1/8" on special order. Full details from

J. R. Longstaffe Co. Ltd., 351 Carlaw Ave., Toronto 8.

• Light weight, high strength titanium bolts of six types, primarily for use in airframes and aircraft engines, have been developed by Standard Pressed Steel Co., Jenkintown, Pa. The bolts are in two lines of flush head shear bolts, two lines of internal wrenching tension bolts, a line of external hexagon shear bolts and one of external wrenching tension bolts.

• A new series of environment-proof switches, designed for use in exposed locations on aircraft, has been announced by Micro Switch Div., Minneapolis-Honeywell Regulator Co. The switches feature a hermetically sealed, split-contact switching unit enclosed in aluminum housing. Their performance remains constant regardless of changes in atmospheric conditions. They may be mounted near fuel tanks without danger of igniting escaping gases or liquids, according to M-H.

• A new 30 minute sound film "Air Freight", is available for showings from KLM Royal Dutch Airlines, International Aviation Building, Montreal. Other films available from KLM include two travel productions, "European Holiday", and "Bound for the Caribbean".

• Raytheon Manufacturing Co., Waltham 54, Mass., has successfully developed experimental transistors made of silicon which have been tested at temperatures up to 350°F.

• Flite-Tronics, Inc., Burbank, Calif., plans early production of a compact, lightweight, airborne magnetic recorder, which will feature instantaneous playback, automatic erasing to prevent recording of previous messages, complete remote control, etc.

• Atlas Steels Limited of Welland, Ont., is now operating a continuous cold strip mill for the production of stainless strip. This is the first time stainless in this form has been produced in Canada. Welded stainless steel tube facilities were also put into operation during January.

• Plant Equipment Company has opened a sales office in Montreal at 1176 Sherbrooke St. W. The office is managed by R. W. Jones.

• A process for bonding Buna N and neoprene rubbers to Zamac materials, white metals, and aluminum as well as nylon has been developed by Minnesota Rubber & Gasket Co., Minneapolis, Minn.

• Mechcon Engineering Products, Ltd., Ottawa, has been named sales and engineering representative in Canada for Electric Regulator Corp., Norwalk, Conn.

• The Crozier bushing and bearing extractor is designed to remove bushings, bearings, and other objects from blind holes. Capacity of a set of the extractors is any hole from 1/2" to 2" diam. A maximum of 2 1/2" may be drawn at one setting. Press fits of over five tons have been extracted readily with this tool, according to the Canadian distributors, The Babb Co. (Canada) Ltd., P.O. Box 123, St. Johns, P.Q.

• Recently formed was Dow Corning Silicones Ltd., a Canadian associate of Dow Corning Corp., Midland, Mich. The new company will market products formerly merchandised in Canada through the Dow Corning Products Div., Fiberglas Canada Ltd. These products include FC-10 aircraft wind-

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