

KLIXON

- permanent
- protective
- superior
- completely safe

CIRCUIT BREAKERS

KLIXON Circuit Breakers are permanent protective devices designed to protect electrical circuits from damage due to overloads and short circuits. They are used in a manner similar to fuses but operate in a much superior manner and without the many disadvantages of fuses. They repeatedly interrupt short circuits or overloads, remaining available for continued service. Moreover, their inherent thermal time-lag characteristics prevent nuisance trip-outs by harmless transient overloads. Equipment can be operated to maximum safe limits with complete safety.



*Another fine product
available from*

LEAVENS BROS
LIMITED

3220 DUFFERIN ST.
TORONTO, ONTARIO

A. V. Roe's Progress

Annual report of A. V. Roe Canada Ltd. for the year ended July 31, 1957, reported total sales of all consolidated subsidiary companies at \$234,811,024. Operating profit, before depreciation and other charges, was \$23,937,035 (\$21,195,231 in 1956). The net profit of \$7,177,001 (equal to \$1.50 per share) was somewhat below the previous year's figure (\$8,954,458). Main reasons for this were increases of \$4,814,294 in depreciation and of \$914,537 on special aeronautical development expenditures. Not included in the net profit figure is \$750,000 (\$388,750 after tax) recovered in the year but relating to expenditures on a special development program in 1954.

Working capital at the year end amounted to \$2,148,565, exclusive of an investment of \$19,787,322 in marketable common shares of Algoma Steel Corp. Ltd. Employment was in excess of 20,000. Production facilities were expanded and modernized through the expenditure of \$10,301,778 during the year, which resulted in part in the increased depreciation. At the same time \$1,299,607 was expended and charged against current earnings on long-term research and development projects in the aeronautical field. These developments were expected to add measurably to the future stability and profitability of the company.

Report continues: "Our aeronautical subsidiaries have demonstrated that they can, in Canada, design, develop and produce aeronautical products of the highest quality and most advanced design, and sell them both at home and in international markets. . . . It has been clearly established that the degree of aeronautical independence achieved to date has been good for Canada and we believe it should be extended eventually to include all types of commercial aircraft. A National Air Policy which would encourage such a development is essential."

Making its appearance as the first annual report of A. V. Roe Canada Ltd. as a public company, the document is most attractively presented in illustrated booklet form. The brightly colored cover depicts the photo-elastic stress testing of a jet engine turbine blade in Orenda Engines laboratory at Malton, Ont. Reports are included on each of the subsidiary companies: Avro-Aircraft Ltd., Canadian Car Company Ltd., Orenda Engines Ltd., Canadian Steel Foundries (1956) Ltd., Canadian Steel Improvement Ltd., Canadian Applied Research Ltd., Canadian Thermo Control Co. Ltd., Canadian General Transit Co. Ltd., and Canadian Steel Wheel Ltd.

Jack And Heintz

Directors of Jack & Heintz, Inc., manufacturer of aircraft electric equipment and electric motors, today declared the current quarterly dividend of 20 cents per share on the common stock, payable November 1.

business trends

DDP Contracts

Unclassified contracts for amounts of \$10,000 or more awarded to Canadian firms by the Department of Defence Production during September had a total value of \$5,856,911. Among the 91 contracts in this category was one awarded to Orenda Engines Ltd., Malton, Ont., for aero engine spares, valued at \$504,000. De Havilland Aircraft of Canada Ltd., Toronto, received a contract for airframe spares amounting to \$304,483; and Dowty Equipment of Canada Ltd., Ajax, Ont., received one for aircraft spares valued at \$439,376. The largest contract, valued at \$770,840, was placed with Excelsior Refineries Ltd., Edmonton, Alta., for the supply of diesel oil during period ending May 31, 1958.

Other large contracts were placed with R.C.A. Victor Co. Ltd., Ottawa, Ont., for the maintenance of microwave and associated electronic equipment (\$261,147); Northern Electric Co. Ltd., Ottawa, Ont., for spares for teletype equipment (\$146,037); Canadian Westinghouse Co. Ltd., Ottawa, Ont., for aero engine modification kits (\$137,187) and two for aircraft spares (\$140,015 and \$10,364); Decca Radar (Canada) Ltd., Toronto, radar equipment (\$12,485); Mechcon Engineering Products Ltd., Ottawa, aircraft instrument test equipment (\$31,938); R.C.A. Victor Co. Ltd., Ottawa, radar modification kit (\$22,336); Wheeler Airlines, St. Jovite Station, Que., charter of aircraft (\$11,620); Campbell Mfg. Co. Ltd., Willowdale, Ont., electronic equipment (\$38,693); Canadian Pratt and Whitney Aircraft Co. Ltd., Longueuil, Que., helicopter modification kits (\$15,000); de Havilland Aircraft of Canada Ltd., Toronto, aero engine spares (\$74,264) and airframe spares (\$22,786); Shell Oil Co. of Canada Ltd., Toronto, aviation gasoline (\$23,000); Sperry Gyroscope Co. of Canada Ltd., Montreal, aircraft navigational equipment (\$33,132).

Garrett Corp. Sales

Sales for The Garrett Corporation during the fiscal year ended June 30, 1957, reached a record high of \$176,095,038 compared with \$138,981,762 for the previous year, according to the company's annual report. Net profit totaled \$4,940,582, a slight increase over last year's \$4,807,504. Backlog for the manufacturing divisions was \$140,000,000, of which better than \$26,000,000 was for commercial products not directly connected with defense business. The corporation's working capital, or net current assets as of June 30, 1957, was \$22,511,206, an increase over last year's \$21,876,701. Number of employees reached slightly more than 11,000, up from 9,860 a year ago.

Vertol Dividend

Board of directors of Vertol Aircraft Corp., Morton, Pa., declared a 10 per cent stock dividend payable Oct. 21.