

# The NEWS

COMMERCIAL  
MILITARY CIVIL

OF CANADIAN  
AVIATION

VOLUME 20

TORONTO, CANADA, MAY, 1947

No. 5

## A. V. Roe Building Twin Jet Airliner

### North Stars Now Serve TCA Atlantic Routes

The North Star, newest trans-Atlantic airliner of the Trans-Canada Air Lines, is using Montreal airport (Dorval), on its flights to the United Kingdom.

The big, graceful four-engined airliner, an aviation product that places Canadian ideas before the world, was piloted on its inaugural flight by veteran Captain G. W. "Gil" McLaren, Calgary, who has been flying 15 years. Captain McLaren has covered over 1,800,000 miles by air (the equivalent of 72 trips around the earth at the equator) and has spent, figuratively, over a year-and-a-half in the air.

The North Star has five controls, one to each engine, plus a master control. Temperature and mixture controls are handled automatically within the power plant, and need no attention from the crew. There are emergency override controls in the cockpit.

The 36-passenger plane included on its first trip government members, businessmen, Army men and others en route to the United Kingdom and the continent for a total of 22 passengers.

Assisting Captain McLaren was First Officer D. E. McInnis, Captain J. L. Rood, flight operations superintendent, acted as check pilot on the flight. Others of the crew were Navigating Officer H. T. Warkentin, Radio Officer A. J. Blackwood, Purser-Steward D. V. Miller, and Stewardess Margaret E. Brezinski.

The new airliner, which incorporates all the latest developments for reliable, comfortable air travel will be used first in Trans-Canada's trans-Atlantic service. As additional craft become available they will be placed in service on the transcontinental routes of the company. A North Star model even more advanced is to be operated by the company in the course of the summer.

● **Taylorcraft Aviation Corp.** land and buildings have been bought for \$350,000 by Armour & Co., meat packers, who plan to use half the available space. The name, goodwill and patents have not been sold, and among the bidders for these was C. G. Taylor, founder of the firm.

Canadian-designed Aircraft Will Provide  
High Cruising Speed and Modern Comfort

### ONE OF THREE JET PROPULSION PROJECTS

The sprawling plant of A. V. Roe (Canada) Ltd., where Lancaster bombers for the RCAF and RAF were built a few years ago, is to produce a new twin jet airliner for possible use on Trans-Canada routes, it is revealed.

The aircraft, capable of speeds up to 400 m.p.h., it is predicted, will be supplied to customers in "two years or so" said Sir Roy Dobson, managing director of the Malton company's parent firm in England. It will probably be produced in quantity up to 100, said Sir Roy, and Canada will thus be in a position to export major aircraft, while Canadian airlines will be provided with one of the fastest airliners in the world.

The twin jet, 30-passenger airliner will probably be the first of its kind anywhere to go into service, and the company expects to have it flying by next summer, said Sir Roy. It is pressurized to maintain cabin air pressure at sea level density while flying at 25,000 ft., and is intended to fly at 30,000 ft. The aircraft will be used only

for transcontinental intercity work, and will cut the travelling time by far better than half its present figure.

Three main projects are under way in the Malton plant, which include a new long-range, high-speed jet-propelled fighter for the RCAF.

Third project is the design and building of two new jet engines, one of which will rank as the most powerful in the world.

### Air Board Grants Licenses

The Air Transport Board has granted licenses for commercial air services to the following companies:

L & M Air Services, Vernon, B.C., for a nonscheduled charter and flying instruction.  
O & M Air Service, Sudbury (Ramsay Lake), Ont., for a flying training and recreational flying base.

Airedale Flying Service, Sault Ste. Marie, Ont., for a nonscheduled air charter service.

Vulcan Flying Service, Vulcan, B.C., for a nonscheduled charter and flight instruction service.

Peace River Northern Air Lines received the Board's approval of nonscheduled charter flights from Peace River and Yellowknife.

● **Hon. J. S. McDiarmid**, Minister of Mines and Natural Resources for the Manitoba Government, reports the province has added a sixth airplane to its fleet operated by the MGAS.

● **Canadian Pacific** plans a 3½-hour air service to Prince Rupert from Vancouver. The airline will serve Sandspit and other Queen Charlotte Islands points, if the service is approved by the Air Transport Board.

One of Trans-Canada's Canadair-built DC-4M's setting out on the first trans-Atlantic crossing for the type. Inset is Capt. G. W. McLaren who piloted the big plane.

