

# THE INDUSTRY

## R-Theta for BAF

Canadian Applied Research Ltd. has announced a contract to supply R-Theta navigation-computer systems to the Belgian Air Force. One of the largest peace time orders for Canadian-designed and manufactured precision instruments ever obtained from a foreign country, the Belgian order is reputed to be worth about \$1 million.

The R-Theta systems are to be installed in the 53 Avro CF-100 all-weather interceptors currently being delivered to Belgium.

Other countries that are said to have expressed interest in the R-Theta are Switzerland, France and Sweden. Several evaluation models have been sold to other countries in the western world, and NATO is reported assessing it for use in military aircraft of other types built in NATO countries.

## Iroquois Fire

Orenda Engines last month came close to losing both an Iroquois test engine and its B-47 flying test bed when fire broke out in the Iroquois pod. Orenda's chief test pilot Mike Cooper-Slipper was at the controls of the USAF-loaned B-47 when the Iroquois which was under test caught fire.

The fire extinguisher system on the Iroquois, controllable from the cockpit, enabled Cooper-Slipper to control the blaze until a hasty landing at Malton could be effected. However the fire broke out again shortly after touch-down, and ground fire fighters had to be employed to snuff the flames.

No reason has yet been advanced for the fire, but it is the first incident of its kind involving the Iroquois.

## CDC Toronto Branch

A branch sales office was opened last month in Toronto by Computing Devices of Canada Ltd. Manager of the new office, at 164 Eglinton East, is R. G. Powers, who has represented CDC in the Toronto area for the past two years. A Bendix G-15D digital computer has been installed in the office, primarily for sales demonstration purposes.

A series of courses on programming of digital computers, presented by CDC staff members, were started April 1. Lectures totalling 10 hours are being given on either three consecutive afternoons, or five consecutive evenings, at the convenience of those registering for the courses. These courses will emphasize simplified programming methods which an engineer can use to program typical engineering problems and will be illustrated with actual problems on the computer.

## RCAF Okay's Argus

An engineering evaluation board of the RCAF has completed its official evaluation of the Canadair CL-28 Argus with favorable results and the aircraft has now been advanced from development to production status.

Six of the 75-ton aircraft are now flying on various trials: structural integrity, stability, cold weather operation, performance flying, armament and telecommunication equipment evaluation. Deliveries to Maritime Air Command for service are to begin this

month, starting with aircraft number seven.

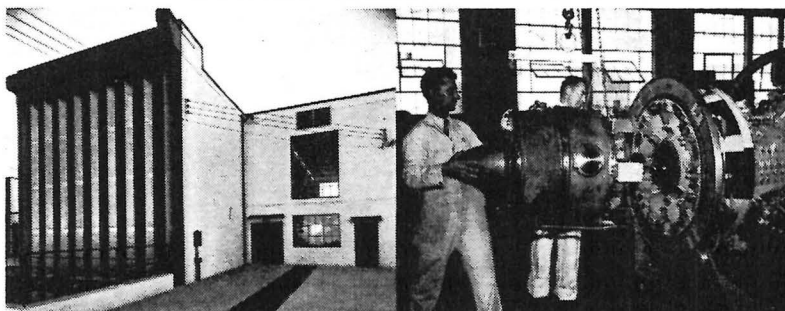
The RCAF engineering evaluation board was composed of 50 officers from AFHQ, Air Materiel Command, Maritime Air Command, and 1102 Technical Service Detachment at Canadair.

Purpose of the evaluation was three fold: (1) to determine that all design, fabrication, and installation work on the aircraft has been done in accordance with contract specifications; (2) to determine necessary changes for safety, for ease of maintenance, logistic support and operational improvement of the aircraft; (3) to determine the adequacy of standard and special tools and ground-handling equipment developed for the CL-28.

## Activity at Timmins

The de Havilland Dove owned by Massey-Harris-Ferguson was recently delivered by Timmins Aviation Ltd. after being completely refurbished. The luxurious interior was designed by Timmins and installed at the firm's Montreal headquarters.

The new interior features four custom seats plus a small divan configuration, with a custom bar and galley. A Stewart-Warner 20,000 BTU



**BRISTOL PROTEUS REPAIR FACILITY:** Shortly after the CPA Britannia hangar was officially opened at Vancouver, Feb. 22, Grant McConachie, CPA president, opened new Bristol Aero Engines (Western) Proteus overhaul and repair facility. Top left: Front view of the test house. Top right: Technicians are shown re-assembling an overhauled Proteus engine. Below: Spacious control room for the test stand.

