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BRISTOL PROJECT ENGINEER. J. W. Truran, A.F.C., A.R.Ae.S., until recently Principal Scientific Officer at the Ministry of Supply in England, who has been appointed Special Projects Engineer with Bristol Aeroplane Co. of Canada Ltd. Formerly an Air Ministry test pilot, he logged some 1,500 hours' flying on 120 types of aircraft.

RCAF Fighter Wing Established in U.K.

No. 1 RCAF Fighter Wing has been established overseas at North Luffenham, about 15 miles east of Leicester, England, according to an announcement by AFHQ.

RCAF Fighter Squadron, No. 421, which has been in the United Kingdom since last January, based at the RAF station Oldham in Southern England, will return to Canada for Christmas. It will be replaced before its return by 410 Squadron. Two more RCAF Fighter Squadrons will follow 410 overseas next year. These three squadrons will comprise the RCAF Fighter Wing at North Luffenham and will be equipped with Canadian-built F-86 Sabres.

No. 1 RCAF Fighter Wing will carry out operational training with the RAF, and



HEADS FIELD. Paul Y. Davoud, D.S.O., O.B.E., D.F.C., distinguished fighter pilot and former TCA executive, who has been appointed general manager of Field Aviation Company Ltd., Oshawa. Field Aviation is an affiliate of Photographic Survey Corporation in the Hunting Aviation Group.

will form part of the air division which the RCAF will establish overseas to operate as part of the integrated force under General Eisenhower.

Commanding officer at North Luffenham will be Group Captain E. B. Hale, D.F.C., 37, of Hamilton, Ont., who has been C.O. at RCAF Station, Chatham, N.B., for the last two years. A pilot with Imperial Airways in the United Kingdom before the war, he joined the RCAF and was placed on flying instructors duties. He later served with 116 Squadron on the East Coast, on operational

Chatco on Subcontract **Builds CF-100 Parts**

Chatco Steel Products Ltd., of Tilbury, Ont., has undertaken the manufacture of subassemblies for the Avro CF-100 fighter. H. S. Shannon is president of the company.

The assemblies to be produced by Chatco include rear centre section fuselages, rear fuselage sections, tailplanes, rudders, fins and tail cones. Tooling and the installation of auxiliary equipment have commenced at Chatco. It is estimated that employment will amount to 800 to 1,000 workers when the program is in full swing.



AA APPOINTMENT. P. E. Priestman, who has been appointed Canadian Sales Manager of American Airlines with headquarters at Toronto, He succeeds W. Conrad. now AA European manager.

Howe Claims Canada to Lead Long-Range Fighter Output

Prediction that "Canada; will lead all other countries" in the production of modern all-weather long-range fighters was made by Rt. Hon. C. D. Howe, Minister of Defense Production. Speaking at a ceremony at Malton Airport on Oct. 17 attending delivery of the first Orenda-powered Avro CF-100 fighter to the RCAF he noted this was the first aircraft-engine combination of completely Canadian design and construction.

"Alerted for action and fully armed, this aircraft will climb from a sea level airfield to its operating level above 40,000 ft. in less than 10 minutes. It will then be directed to its objective by the latest radar aids," he said. Referring to the high cost of tooling, Mr. Howe continued:

"It is interesting to note that the cost of one recent experimental American high speed aircraft was equal, at \$35 an ounce, to its weight in gold. The CF-100, I am thankful to say, was produced considerably more cheaply."

Air Marshal Curtis, RCAF Chief of Air Staff, and A/V/M Frank McGill, aircraft production chief, spoke briefly during the ceremony. Both asserting that five years was a commendably short time from the planning to the production stage for a modern fighter.

Also present were: Sir Roy Dobson, chairman of the Avro board of directors; Crawford Gordon, Jr., newly appointed president and general manager of Avro; Fred T. Smye, executive vice - president; A/V/M A. L. James, chief of Air Defense Command,

RCAF; Air Vice - Marshal C. R. Slemon, chief of RCAF Training Command.

Referring to extensive subcontracting to speed the Avro program, Mr. Howe cited the following examples: Canadian Steel Improvement Ltd., Torento - turbine blades: Rotax (Canada) Ltd., Scarboro, fuel systems for the Orenda; Cockshutt Plow, Renfrew development — combustion chambers: Light Alloy Ltd.-magnesium castings and forgings; new plants in the Montreal area to produce aircraft instruments; Fleet Manufacturing Co., Fort Erie - preparing to produce wing sections; Chatco Steel Products, Tilbury - tail assemblies.

"The whole program is falling into shape and we look forward to volume production of aircraft and engines before many months go by," Mr. Howe remarked.

The first prototype CF-100, powered with RR Avons, made its first flight on Jan. 19, 1950. The Orenda-powered version flew for the first time on June 20, 1951. The Orenda engine was run initially in March, 1950.

The original prototype CF-100 is being retained by Avro Canada for gun-firing trials. The first Orenda-powered fighter will be used by the company as a flying test bed for the engines. Four fighters have been flown to date while several others are almost ready for delivery to the RCAF. The first CF-100 delivered, on Oct. 17, will be used by the RCAF Experimental Proving Establishment at Rockcliffe.

Ford Plans Manufacture Winas for Jet Trainer

Windsor - Probability that wings for the Lockheed T-33 jet trainer would be manufactured at the Ford plant here on a subcontract from Canadair Ltd. was reported recently. Negotiations between Ford and Canadair were virtually complete at press time. It was indicated that the project would involve employment of 800 to 900 men and that deliveries could be started by next summer.

Form Western Division of Electronic Firm

A western division of Canadian Aviation Electronics, Montreal, will be established at Winnipeg, it has been announced by the company. Manager will be H. A. Ferris, formerly engineering chief of the RCAF section, National Research Council.



'YOU HAVE CONTROL." J. T. Dyment, TCA, retiring chairman of the Technical Committee of the International Air Transport Association, left, is seen with Capt. J. C. Kelly Rogers of Aer Lingus, the new chairman. The committee report at the seventh annual IATA meeting in London, in September, was presented by Mr. Dyment. It included recommendations for coordination of air traffic control and navigation aids in Europe and the Mediterranean area.