



AERONCA CHAMPION: The new Aeronca Champion Model 7EC-90 hp electrical model airplane incorporates flush type locking door handles and locking left sliding windows as standard equipment. It has a full width rear seat and a high output cabin heater. The new Champions are painted Packard Straw and Sedan Red. As standard equipment the aircraft also have Aeronca's no-bounce landing gear and stall warning indicators, as well as generator, starter, navigation and landing light wiring.

comfort.

Kollsman say that though the system is a new concept of pressurization technique, its component parts—basically pressure sensitive elements, synchros, and motors—are standard Kollsman products.

Montreal-New York

On April 1 TCA inaugurated direct non-stop service between Montreal and New York. Since final certification of the route, long delayed, was completed only on March 30, something of a record was established in getting the service into operation.

There will be three flights daily each way, with flying time between the two centres being one hour and 45 minutes. A special fare is being put into effect enabling travellers to fly around the Montreal-New York-Toronto triangle from any point and back again.

Engineers

A total of 54 Aeronautical Engineers will graduate from the University of Toronto in 1950, according to the Federal Department of Labour. Toronto is at present the only Canadian University offering a degree course in aeronautical engineering.

Trade Fair

Merchandise in the Marine & Aviation Equipment and Supplies classification at the Canadian International Trade Fair, to be held at Toronto, May 29 to June 9, will be more varied and plentiful this year than in the past, according to an announcement from Trade Fair officials.

An Australian firm will be selling high pressure hoses and fittings for use in aircraft, as well as aircraft control cables. Fuel injection equipment and components will be exhibited by a U.S. firm that will also have on dis-

play battery and magneto ignition devices. Other companies from Europe and North America will be showing speed indicators, tachometers, meteorological instruments, automatic pilots, flight instruments, gyrosyn compasses, radar, aircraft engine components & accessories, and aviation radio equipment.

Included in those having displays in this section are Associated Equipment Company Ltd., Ballantine Laboratories Inc., Bendix Aviation, Cambridge Instrument Ltd., B & F Corporation (Scintilla Magneto Division), The Sperry Gyroscope Company Ltd., and The Sperry Gyroscope Corporation Inc.

Second Annual

The Aviation Dealers Corporation, represented in Canada by B.C. Airlines of Vancouver, held its second

annual convention during April in Los Angeles. The Corporation is made up of 20 warehouse operators who distributed a common line with the idea of lowering aircraft maintenance costs. Main office and plant is located at 13440 South Central Avenue, Los Angeles.

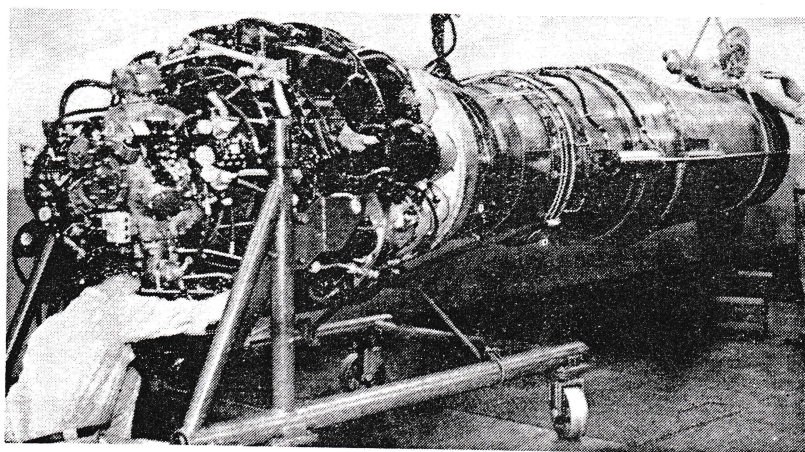
Amendment

Air Transport Board directive No. 10, which governs the extent to which non-scheduled air carriers may operate from bases other than their own, has been amended by the addition of a new paragraph which reads as follows.

"Class 7 (Specialty) air carriers licensed to operate a flying training service are prohibited from providing such a service from the base of another Class 7 air carrier licensed to operate a flying training service when such Class 7 air carrier is also licensed to operate a Class 3 charter service from that base. Class 7 air carriers licensed to operate a flying training service may, however, operate such a service from any other point in addition to their own base subject to the above restriction and subject to prior approval for operation from each point being obtained from the Air Services Branch of DoT."

Briefly

•Fairchild Engine & Airplane Corporation reports net earnings for 1949 of \$1,575,328, as compared to 1948 earnings of \$1,211,563. Sales for the year were \$48,101,453 and unfilled orders at year end totalled \$80,100,000.



ALL POWERFUL: Said to be the most powerful jet engine now flying in the U.S. is the Pratt & Whitney J-48 Turbo-Wasp with a basic dry rating of 6250 pounds static thrust at sea level. The J-48 is also equipped with water injection and an afterburner, which is responsible for the extreme length evident in the photo. The J-48 is the American version of the Rolls-Royce Tay, which has the same thrust rating. The new engine is being used in the USN F9F Grumman Panther, and the USAF F-93A.