

Aviation News Digest

September

Canadian Aviation

1955

In the biggest air transport deal of the year **Canadian Pacific** has swapped its two isolated eastern services with **TCA** for TCA's Mexico City service. TCA gets CPA's Toronto-Val d'Or-Montreal and Montreal-Quebec City-Seven Islands services. Quebecair gets CPA's Quebec City-Baie Comeau-Forestville route.

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First jet transport to be certificated for commercial U.S. airline operations probably will be Boeing Airplane Co.'s Model 707 series. The firm has asked Civil Aeronautics Administration for a type certificate on the aircraft as an initial step in approval of its airline version saying the 707 Stratoliner has accumulated 193 flight hours and meets the overall safety level defined by the Civil Aeronautics Regulation 4b.

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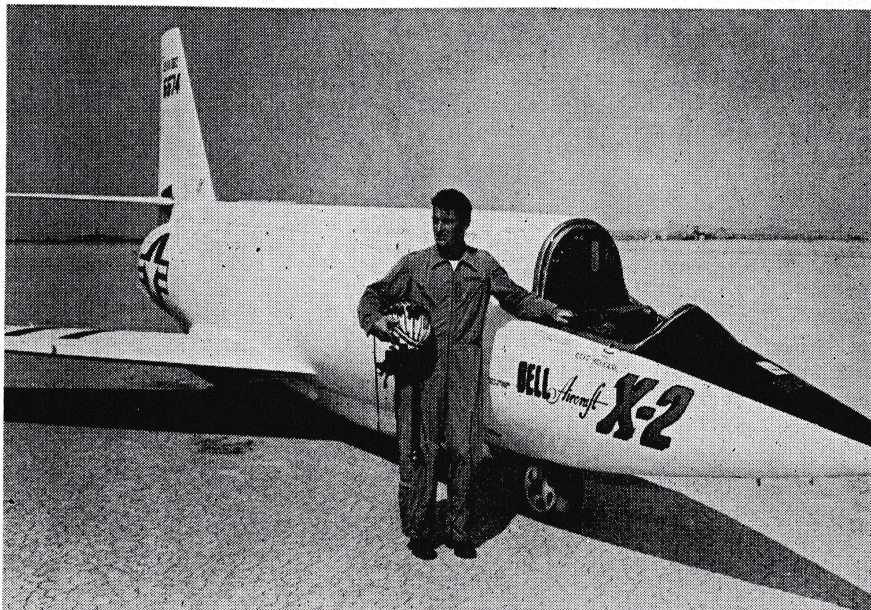
Canada will contribute about \$321 millions to the cost of the North American radar warning network. The Mid-Canada automatic early warning chain will cost about \$170 millions and be paid for completely by Canada. The Pinetree network manned jointly by the U.S. and Canada will cost about \$454 millions. Canada will pay one third, U.S. remainder.

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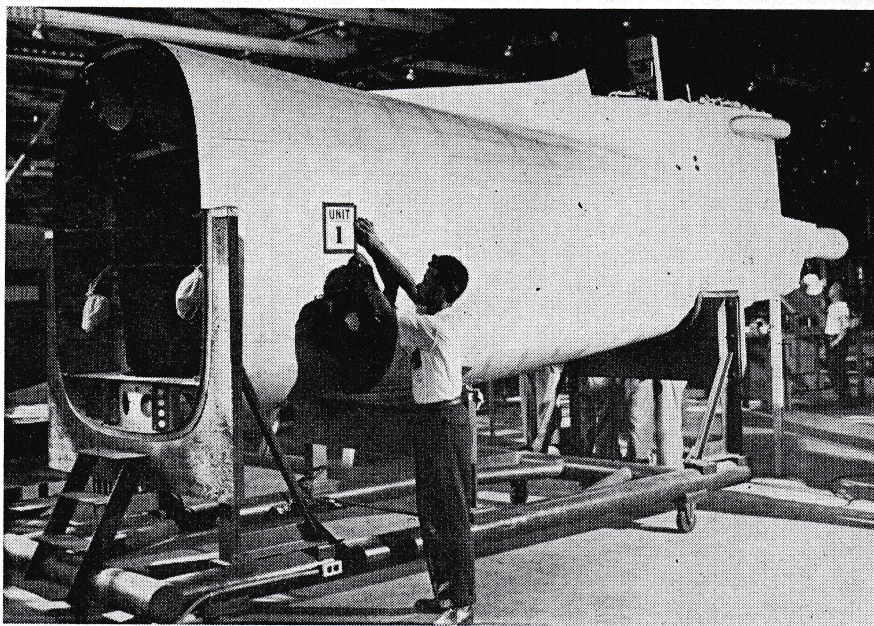
Air Force's announcement that it is letting Phase 1 development contracts to six airframe companies for three new aircraft types provides a preview of what 1960's military aircraft will be like. Although the AF gave no details, it appears that the interceptor will have to fly a distance of 800 miles and more at Mach 2 or greater speeds, and the fighter-bomber will also be in the Mach 2 class.

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Industrial Electronics of Canada Ltd., is offering a 32-page booklet describing the use of "functional packaging." It describes humorously the many functional packaging applications possible. This booklet may be obtained by writing Industrial Electronics of Canada Ltd., 83 Torbarrie Road, Toronto 15.



LT.-COL. F. K. EVEREST who will fly the Bell X-2 in its rocket-powered assault on the heat barrier.



GRUMMAN CS2F-1 rear fuselage having the finishing touches added at Canadair.

All Canadian air carriers operating aircraft under IFR and those carriers operating aircraft exceeding 12,500 lb. gross weight VFR must furnish a manual of flight operation approved by D.O.T. This manual is to contain company procedures, pilots' handling notes, loading in-

structions and complete performance information of all aircraft operated.

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Canada's Orenda Engines, Ltd. is trying to line up a U.S. production source for the P.S. 13, in hopes that the USAF would then show some interest in the engine, which will

develop more than 18,000 lb. of thrust.

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The **Air Force Cross** has been awarded to **F/O S. E. Burrows** of White Rock, B.C., for "extreme courage and devotion to duty" during a jet flying accident in Germany last September.

About 20 miles from base a bird struck and shattered the perspex canopy of the aircraft he was flying and although losing blood, suffering shock and pain, and almost completely blinded, he safely executed a wheels-down landing on the aerodrome.

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George Glinski, president, **Data Processing Associates Ltd.**, Canada, announced that an exclusive Canadian agreement has been signed with **Dynamics Research Associates**, Seattle, Washington, manufacturers of electronic equipment and components for automation. This association brings to Canada a new service and several new products which have wide application in guided missiles, and government research work.

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Fairchild Aircraft Division announced plans for a light jet transport with a cruising speed of 560 miles per hour. The new ship will carry a crew of two and seven passengers and estimated performance characteristics show that the jet transport will take off at 17,695 lb within 5,720 ft over a 50-ft obstacle and land in 1,222 ft.

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Mooney Aircraft Inc. has begun production and marketing of its new, four-place Mark 20, a business plane of modern design with manually retractable tricycle landing gear. Key to the airplane's efficiency and good performance is its clean aerodynamic design.

A modified laminar-flow wing is used for the first time in a civilian aircraft. Trim is accomplished by means of an adjustable stabilizer which minimizes drag.

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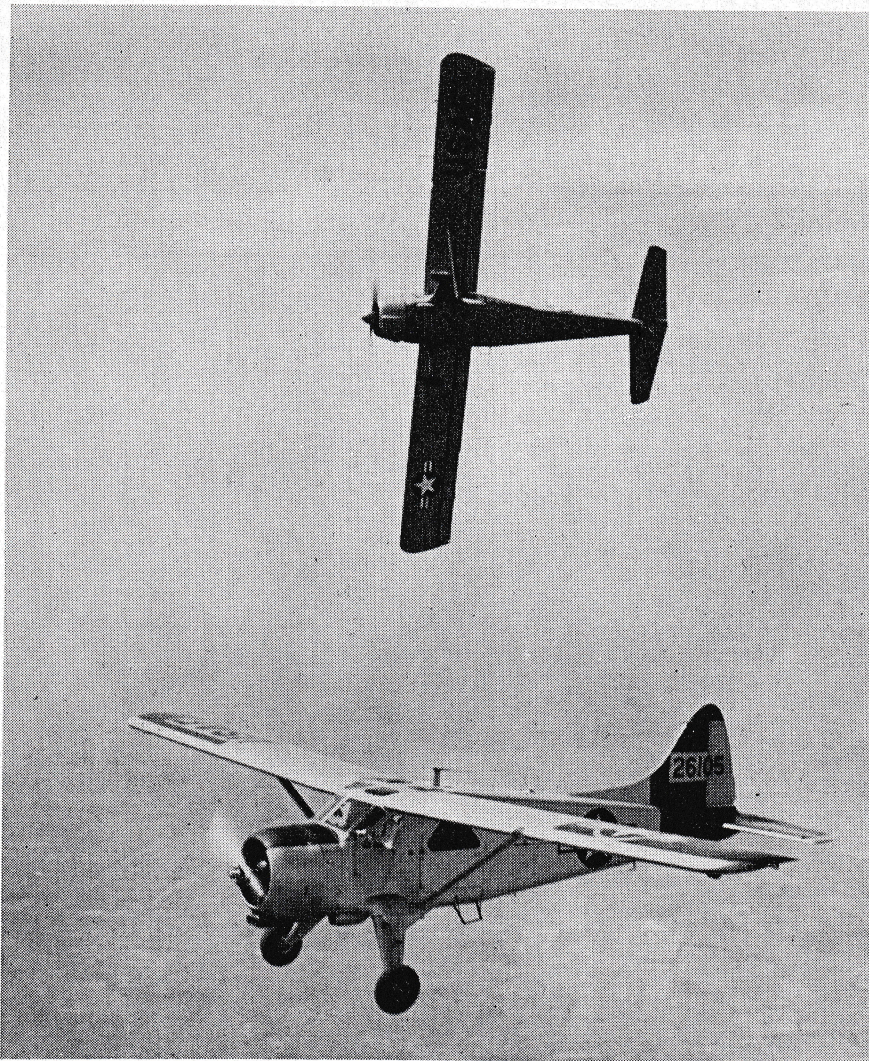
Royal Aircraft has begun production and marketing of the five-place amphibian, **Royal Gull**.

The gull-wing, pusher-type plane is powered by two Lycoming GO-480 B-1 (270 hp.) engines equipped with three blade, full-feathering Hartzell propellers.

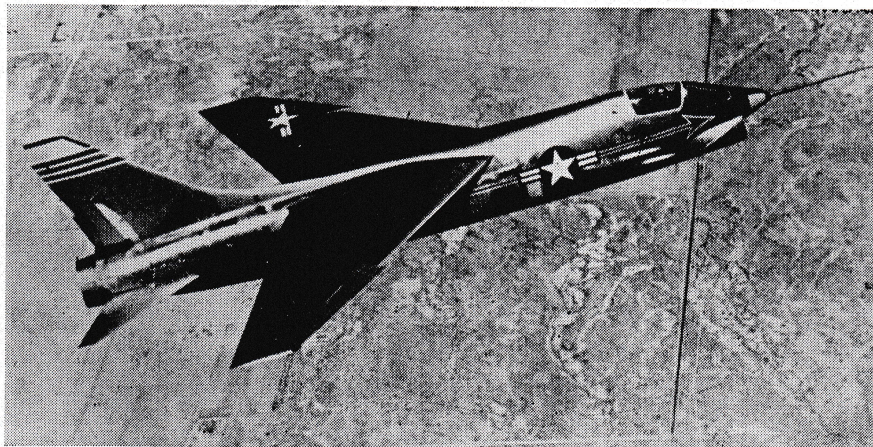
The plane has a cruising speed of 160 m.p.h. at 70% power with a top speed of 184 m.p.h.

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The appointments of **J. A. Clowes**



USAF L-20 Beavers in an unusual shot showing one in a tight turn.



CHANCE VOUGHT XF8U-1 U. S. Navy's newest jet fighter plane designed to operate from carriers.

and **T. A. McLean** was announced by Trans-Canada Air Lines. Mr. Clowes was named general supervisor of passenger traffic methods, and Mr. McLean was named general supervisor of passenger traffic facilities.

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Carl A. Anderson has been named

manager of the Aeronautical Division of Minneapolis - Honeywell Regulator Co. Ltd., Leaside, Ont.

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The **Fairey Aviation Company of Canada Ltd.** announced the appointment to their board of directors of **Rear Admiral J. C. Hibbard, DSC, RCN (retired)**.