

TCA DC-8 In Production

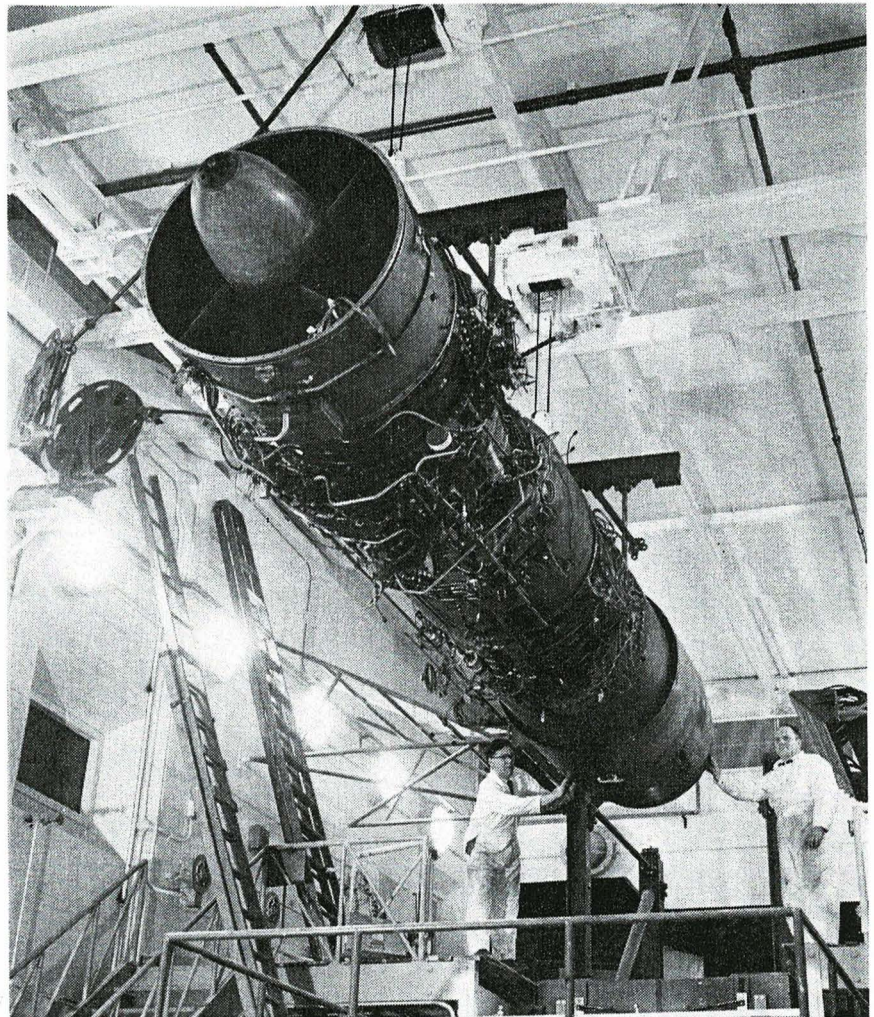
Assembly line work has begun on Trans-Canada Airlines' first DC-8 jet transport at the Douglas Aircraft plant, Long Beach, Calif. Technicians are constructing the cockpit enclosure structure and will next move on to the assembly line production of wings, fuselage, tail, etc. TCA is near the top of the production line, having the ninth DC-8 earmarked. Delivery will be in the fall of 1959. Test flying of the airplane is scheduled to begin in February and at about the same time a number of TCA maintenance personnel will go to the Douglas plant for training. Pilot instruction will begin in July, 1959. The DC-8 will go into trans-continental and trans-Atlantic service with the airline in summer, 1960. To date, TCA is the only airline to have ordered the DC-8 with Rolls-Royce Conway engines.

Helicopters For DOT

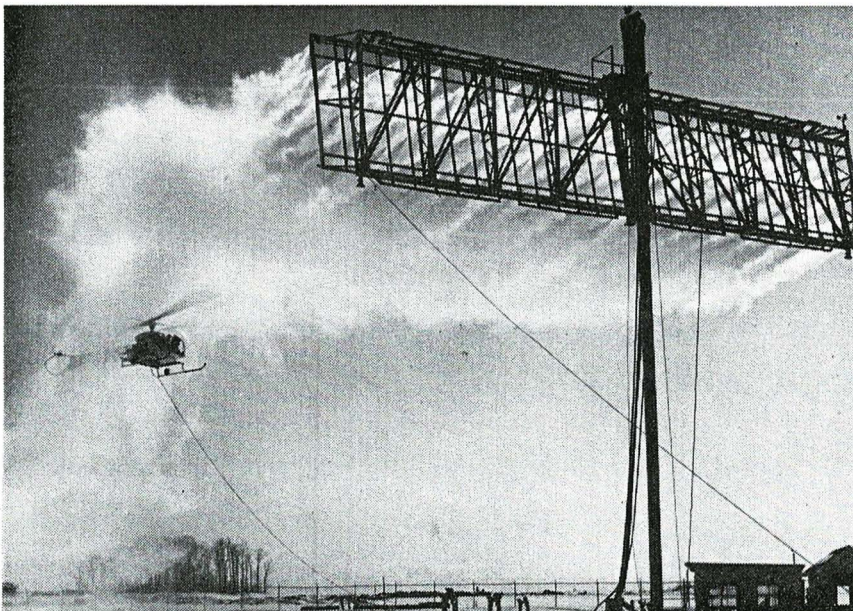
Further four Bell 47J helicopters have been delivered to the Department of Transport in Ottawa. They will probably be used in the Arctic this summer on the government agency's resupply and patrol activities. Other commercial Bell helicopters being readied for Canadian customers by Bell include a 47J Ranger for the provincial government of Alberta; a 47G-2 for the Hydro-electric Power Commission, Toronto; four 47G-2's for Okanagan Helicopters of Vancouver, and a 47G-2 each for Laurentide Aviation of Montreal, and Spartan Air Services, Ottawa.

Bendix For Electras

National Airlines, of the U.S., has specified Bendix communications-navigation equipment for its Lockheed Electra fleet. Cost will be almost \$500,000.



FIRST PICTURE revealing details of an actual Orenda Iroquois engine. Many hours' running under high altitude and high Mach number conditions, unprecedented for turbojet engines, have been completed by the Iroquois at the NACA laboratories in Cleveland, Ohio. The engine is rated at more than 20,000 lb. dry thrust.



SPARTAN Air Services Ltd. Bell 47G helicopter being used by the National Research Council on de-icing trials. This rig creates an artificial icing cloud.

CDC Toronto Office

Branch sales office has been opened in Toronto by Computing Devices of Canada Ltd., at 164 Eglinton East. It will be managed by R. G. Powers, who has represented the company in the Toronto area for two years. Assisting him are George Kirkpatrick and Ed Cheng. A Bendix G-15D digital computer has been installed in the office for sales demonstration purposes, and a series of programming instruction courses has begun. Lectures totaling ten hours will be given on either three consecutive afternoons or five consecutive evenings at the convenience of those taking the courses.

Avro DC-3 Boost

Installation of an AiResearch maximizer kit on the Avro Aircraft executive DC-3 has been made by Timmins Aviation Ltd. Speed increase of 16 mph and greatly improved single engine performance is reported by pilots **Bill Devine** and **Dennis Young**. RCA AVQ 10 weather radar has also been installed.