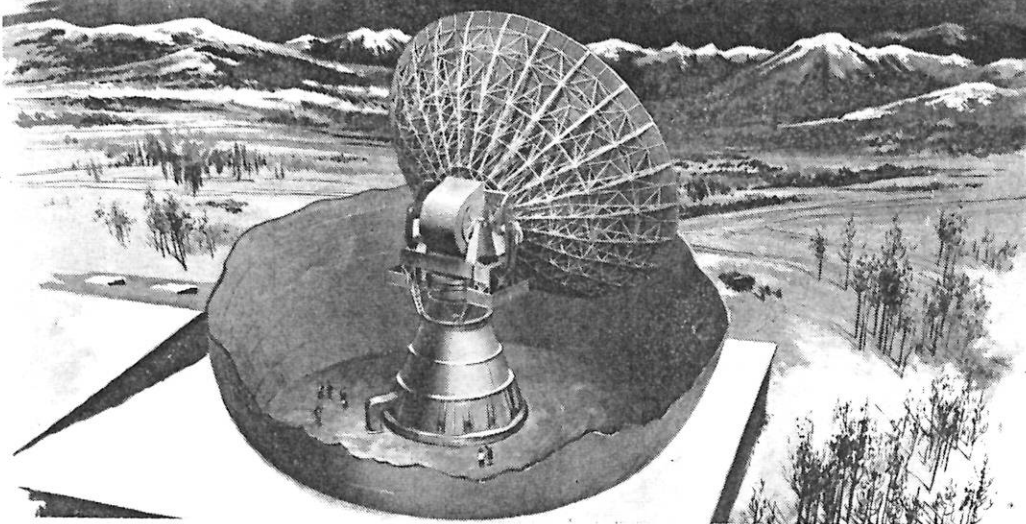


# News Roundup



**BMEWS ANTENNA** for installation in Arctic Canada is being built by Goodyear for USAF's Ballistic Missile Early Warning System. Rigid spherical radome will have 140 ft. diameter, while antenna itself will be about 100 ft. across.

## Canadians with NASA

The U.S. National Aeronautics & Space Administration has announced that 25 Canadian scientists have been assigned to that organization's Mercury man-in-space project at Langley Field, Va. The Canadian engineers and scientists, all formerly employed at Avro Aircraft on the Arrow program, are headed by James A. Chamberlin, formerly Avro's chief of design.

The NASA reported that the services of the 25 men were offered by the Avro company, and that they have not completely severed their connections with the Canadian firm. Commenting on the status of the group an Avro spokesman said: "They are on an extended leave of absence . . . if we needed them and the U.S. was willing to let them go, they could come back."

Included in the group are some of the design experts who were largely responsible for the ill-fated Avro Arrow. Mr. Chamberlin, whose experience in this country dates back to Avro's early days, worked on the Jetliner and the CF-100.

## New Edmonton Airport Progress

Tenders will be called for runway extensions at Edmonton's new International Airport around the end of this month. However, according to DoT officials at Ottawa, the airport will not be ready for air traffic before late 1960. A DoT spokesman ex-

plained that two more full construction seasons are needed to complete the runways, install lighting, pave all taxi strips, and complete a temporary terminal building.

At the present time, only two runways have been completed, and all terminal buildings have yet to be erected. It is thought likely that hangar construction may continue for the next ten years.

Official opening of the airport may not come before 1961, and may depend in part, on the provincial government completing construction of a four-lane highway with a cloverleaf turn-off to serve the airport.

## Aeronautical Museum

The new National Aeronautical Museum of Canada is to be opened to the public this year, in the late summer or early fall. The museum is to be located on the second floor of the east wing of the new Ottawa Airport Terminal at Uplands.

The National Aeronautical Museum was conceived and implemented by the NRC, the RCAF, the RCFC, the DoT, the CAI, the AITA and the Department of Northern Affairs. M. S. Kuhring of the National Research Council has been appointed acting curator pending the appointment of a permanent curator.

Mr. Kuhring has expressed interest in obtaining suggestions on how to en-

hance the historical value of the museum. He would appreciate documents or displays of an aeronautical historical nature that may be in possession of the aircraft industry. He may be contacted at the National Research Council, Montreal Rd., Ottawa 2.

## SGA Asks for Sched Run

Saskatchewan Government Airways is making a bid to enter the ranks of Canada's handful of airlines operating Class 1 scheduled air services. The crown-owned company has applied to the ATB for a license to operate a Class 1 service between Prince Albert, Saskatoon and Regina, all in Saskatchewan.

## Change of Address

Rotaire Ltd., which has been located at Niagara-on-the-Lake, has taken up new quarters at Hamilton Municipal Airport, Mount Hope, Ont. New mailing address will now be: Rotaire Ltd., P.O. Box 299, Mount Hope, Ont. Telephone OSborne 9-4723.

According to Managing Director Art Limmert, the Niagara location was too far removed from the main stream of Canada's aviation industry. For this reason Rotaire decided to move to Hamilton.

## Ultra to Produce CPI

The Crash Position Indicator device developed by H. T. Stevinson and D. Makow of the National Research Council (AIRCRAFT, March, 1959, p. 51 et seq.) is being developed and sold commercially by the Special Products Div. of Ultra Electric Ltd., London, England. Ultra is represented in Canada by Field Aviation Co. Ltd.

It will be recalled that Ultra Electric is the company responsible for the now widely used SARAH homing radio equipment for use by survivors of downed aircraft.

## Raven Expands

Raven Air Service Ltd., of Yellowknife, N.W.T., has recently started charter service operations with Group C aircraft. This is the company's first venture into the charter field, having started in 1957 as a flying school operation.

## DRB to Go Into Orbit

The Defence Research Board announced on April 20 that its scientists will do all the instrumentation for a

U.S. satellite scheduled for launching from Vandenberg Air Force Base, Calif., in 1961.

The satellite will weigh some 50 pounds and the instrumentation will be done by DRB's Telecommunications Establishment at Shirley Bay, near Ottawa. A sum of \$300,000 has been allotted for the project so far.

The objective of the satellite is to obtain data on the upper layers of the ionosphere, an electrically-charged belt 60 to 300 miles above the earth's surface, a field in which the DRB is considered a world authority. The ionosphere affects radar and communications and therefore the satellite will have military implications.

Though the DRB announcement didn't say so, it is understood that the satellite will form part of the joint Canada-U.S. research into development of a system to destroy in flight intercontinental ballistic missiles.

The satellite will be put into north-south orbit so that receiving posts at Fort Churchill, Man., and elsewhere in Canada can gather information provided by the vehicle.

The DRB scientists will also provide the instrumentation for two American high-altitude rockets to be launched this year, possibly from Fort Churchill although the launching site is not definite yet.

The Canadian Armament Research & Development Establishment at Valcartier, Que., has already instrumented U.S. Nike-Cajun rockets fired last fall from Fort Churchill. These rockets, however, probed only the lower levels of the ionosphere.

Canadian instruments in the satellite will direct radio pulses downward as the satellite pursues its polar orbit. They will be reflected back to the satellite from the upper layers of the ionosphere and the information received will then be relayed to the ground. The rockets will be used to study the electron density of the ionosphere.

The team planning the Canadian phase of the satellite project is led by R. Keith Brown.

### Airport Movements

Air traffic for March, in terms of the numbers of landings and take-offs at the 28 DoT controlled airfields across Canada, showed a very slight decrease of .67% over the same period last year.

The March figure was 256,114 landings and take-offs compared with 257,853 for March, 1958.

Busiest airport was Montreal with 25,869 arrivals and departures, followed by Ottawa with 24,757 and Vancouver, 24,327. Scheduled airline take-offs and landings show Toronto leading with 5,132, followed by Montreal, Vancouver and Edmonton.

### McCurdy Honored

The awarding of an honorary degree of Doctor of Law to the Hon. J. A.

D. McCurdy has been announced by the University of Toronto. Mr. McCurdy, who attended the University as a student during the 1902-07 period, will receive the degree on May 29 in Toronto.

### COPA Hears Boling

Captain M. L. Pat Boling of United Air Lines was guest speaker at the COPA Ottawa District dinner held late last month in the capital city. Captain Boling's visit was sponsored jointly by the COPA, Beech Aircraft

## Aircraft Tire Treading



As Canadians celebrate the Golden Anniversary of "Flight in Canada", by the Silver Dart, HANCOCK celebrate their "Silver Anniversary" of retreading experience in Canada.

HANCOCK Aircraft Tire Treading has met every requirement under the most stringent conditions.

"QUALITY CONTROLLED" Aircraft Tire Treading incorporating the HAWKINSON Patented Inlay System has given Aircraft Owners the benefit of Savings up to One Half the Cost of new tires.

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