

# aviation intelligence

## Canadair airliner

▶ "It is quite conceivable that the military transport version of the CL-28 can, in turn, be adapted to commercial configurations," Canadair vice-president Peter Redpath stated last month. He underlined this remark with the estimate that Canadian passenger traffic will reach two billion passenger miles by 1960, three billion in 1964 and four billion by 1970. Redpath emphasized the possibility of an airline version of the CL-28 based on government plans to break the initial cost ground with orders for a military version—the BE25 Bristol Orion powered pressurized version of the CL-28.

## TCA weather radar

▶ G. R. McGregor, Trans-Canada Air Lines' president, told Canadian Aviation recently that weather radar for present and future TCA airliners is under active consideration.

## Orenda B-47

▶ Canadair modification on a Boeing B-47 to test fly the new Orenda Iroquois engine has been completed and is now awaiting installation of the engine in the special external starboard tail pod.

## 'Copters for army

▶ It's understood the Canadian Army is contemplating purchase of 100 Bell 47G-2 helicopters as the first stage in the building up of an air branch which will include helicopters, fixed wing STOL transports (possibly De Havilland's DHC-4) and L-19's.

## Canadair's CL-28 out

▶ Official rollout of the first of 25 CL-28 maritime reconnaissance bombers for the RCAF's Maritime Command is planned this month attended by government and press. The aircraft was first rolled out at the end of December, marking completion of assembly. It's not expected to be ready for flight test for some time.

## Pilots for U. K.

▶ As evidenced by advertising in this magazine, British airlines, notably British European Airlines, are facing serious pilot and navigator shortages and are carrying out an extensive round-the-world recruiting program.

## CAE simulator order

▶ Canadian Aviation Electronics Ltd., Montreal, is understood to be negotiating a DC-6B simulator order with Canadian Pacific Airlines. CAE's CF-100 simulator program on an order for 12 from the RCAF has reached production stage with prototype completed and first production model near completion.

## Avro's "Project Y"

▶ USAF's Air Research and Development Command is expected to give a two-year extension on Avro Aircraft's "flying saucer" project "Y" development contract.

## Turboprop Herald?

▶ It's reported that Handley Page Ltd. may offer a turboprop version of its four-engine 44-passenger Herald transport. According to Aviation Week, if the plans become firm, powerplants probably will be American made.

## Sparrow II details

▶ RCAF's Sparrow II designed and developed by Douglas and Bendix differs in external configuration from the pointed-nosed, delta-winged Sparrow I. Nose of Sparrow II is blunted to match the homing radar dish; fins and wings have been chopped at the tips so that they are now trapezoidal surfaces rather than triangular.

## RCAF liaison interest

▶ The USAF order for 80 Cessna 310's to replace slow, expensive to maintain World War II vintage C-45 Expediter liaison and light cargo aircraft is being looked at with great interest by RCAF authorities.

## Jetliner to scrap heap

▶ Avro's C-102 Jetliner, North America's first jet airliner which flew only two weeks after the first Comet flight, is being broken up. The 50-passenger Jetliner cost Avro \$2,317,772 and the government \$6,568,363 as an ambitious and successful Canadian development for Trans-Canada Air Lines for which a quantity order was in existence. The combination of political pressures and the Korean war resulted in the cancellation of the contract and stoppage of development work on the aircraft. In the years since its first flight (Aug. 10, 1949) it has been used all over North America as a high altitude research vehicle, test and observation platform in the development of the CF-100. Designer of the aircraft is J. C. Floyd, now vice-president, engineering, Avro Aircraft Ltd., Malton.

## Collins autopilot for TCA

▶ As predicted in Aviation Intelligence November 1956, Trans-Canada Air Lines has ordered the Collins AP-101 auto-pilot and FD-104 integrated flight system for its Viscount fleet.

## Canadair jet trainer

▶ The design for an 'ab initio' jet trainer by Canadair Ltd. has been completed and is now under consideration by Ottawa to meet the RCAF's long-range requirement.