



NUMBER ONE. Canadair's Forty Four, first of 12 of R-R Tyne powered transports being built for RCAF is completed and preparing for first flight sometime this month. Orders have been received for 17 hinged-tail commercial versions of aircraft.

Trophy for F-104

The Lockheed F-104 has won for its designers and two USAF record breakers this year's Collier Trophy, given annually for "the greatest achievement in aviation in America, the value of which has been thoroughly demonstrated by actual use during the preceding year." The F-104, recently selected to replace the RCAF's Sabres with the 1st Air Division in Europe, is to be produced under license by Canadair Ltd., Montreal, Que. Named in the citation are: Clarence L. Johnson, of Lockheed Aircraft Corp., designer of the airframe; Neil Burgess and Gerhard Neumann, of the Flight Propulsion Division, General Electric Co., responsible for development of the J-79 engine; Lt.-Col. Howard C. Johnson, who set a world land-plane altitude record of 91,243 ft. in the F-104; and Maj. Walter W. Irwin, who established a world speed record of 1,404.09 mph. The Collier Award is made jointly by the National Aeronautics Association, of the U. S., and Look magazine.

Canadian Arctic Survey

During a recent two month aerial survey, two B-17's of Kenting Aviation Ltd., Toronto, and the Photographic Survey Corp. Ltd., Toronto, carried out high-level photography and radar profiles over a 110,000 square-mile belt of Canada's Arctic islands. The survey will establish ground levels of an area including Ellesmere and Devon Islands and part of Baffinland. It was commissioned by the Department of Mines and Technical Surveys as part of a five-year program of remapping Canada's northland in greater detail. It is said to be the most northerly flying operation ever carried out by a commercial organization.

Defense Contracts

Recent contracts awarded by the Department of Defence Production included one to Canadair Ltd., Montreal, Que., amounting to \$996,000 for airframe components. Other large contracts went to Fairey Aviation Co. of Canada Ltd., Dartmouth, N.S., for repair and overhaul of aircraft, \$783,393; Bristol Aero Industries Ltd., Winnipeg, Man., repair and overhaul of aircraft, \$698,861; Canadian Marconi Co., Montreal, Que., establishment of facility for manufacture of magnetron tubes, \$730,500; Ferranti-Packard Electric Ltd., Toronto, Ont., repair and overhaul of artificial horizons, \$308,100; Computing Devices of Canada Ltd., Ottawa, Ont., spares for aircraft instruments, \$171,345; Pioneer Parachute Co. of Canada Ltd., Smiths Falls, Ont., parachutes, \$81,230.

F-108 Cancelled

Development of the F-108 Mach 3 long-range interceptor by North American Aviation Inc., for U. S. Air Defence Command, is being discontinued due to shortage of funds, and priorities in USAF programming. The announcement indicated that there have been no technical difficulties involved in the development of the weapons system and that all program objectives had been attained up to the point of cancellation. Development of the Mach 3 B-70 weapons system for Strategic Air Command, also by North American Aviation Inc., is continuing unaffected by the F-108 termination, and it is reported that excellent progress is being made. The F-108 cancellation will result in reduction of North American's 64,000 employee force by something more than 2,000.



707 WITH FIVE. Carrying spare power plant in left wing Pod-Pak, a Qantas 707 lifts off for a test flight. Handy Pod-Pak is an optional feature of the Boeing jet.