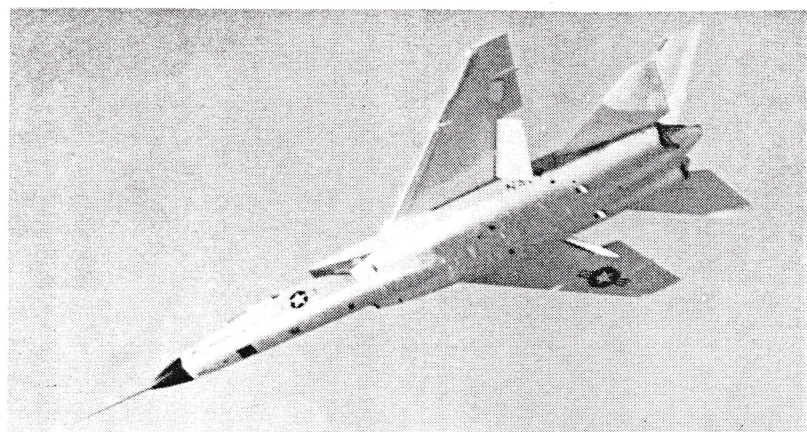


DELIVERY WAGON: North American A3J-1 Vigilante supersonic attack weapon system, shown here on its first flight Aug. 31, can deliver nuclear or conventional weapons from high or low altitudes. Linear bomb bay runs lengthwise in fuselage; bomb is ejected rearward. Power is by two GE J-79-2 turbojets of approx. 15,000 lbs. th. each. A3J-1 is designed for carrier operation.



bility for the Canadian operation. The company will continue manufacturing operations in St. Thomas. The 20,000 square foot plant is located on a 5 acre site suitable for expansion, and has about 100 employees.

Last CF-100 Simulator

The Hon. Raymond O'Hurley, Minister of Defence Production, last month inspected the last of 12 CF-100 flight simulators built by Canadian Aviation Electronics Ltd. for the RCAF. The Minister was making his first visit to the Montreal electronics firm. He was accompanied by D. A. Golden, Deputy Minister.

GE Drive for Arrow

A contract for a new type hydraulic constant speed drive for the CF-105 Arrow has been awarded to General Electric. The new 40 KVA drives are for the Mark II production version of the Arrow, which has increased electrical requirements. The drives will convert the variable speed of the Iroquois engines to the constant speed required by two 40 KVA generators.

Called a roller-actuated piston drive, the new unit embodies a new concept

in the field of constant speed drives. It employs a combination of spherical and cylindrical pistons as well as tiny precision rollers which when used with the cylindrical pistons, extend the speed range capability of existing drives. The new concept also makes possible the design of small drives with both high power and wide speed range capabilities.

Filters by Jarry

A recently signed agreement between Jarry Hydraulics, Montreal, and Micro Filter Sales Corp. of Glen Cove, N.Y., has given the green light to the Canadian company's long contemplated plans to design, manufacture and sell filters for the aircraft industry.

"We have been prepared to go into this field for some time," explains John Truran, director, engineering & sales for Jarry "and have done extensive preliminary design and research work. The hold-up has been in getting exclusive rights to a top quality filter component."

The new agreement allows Jarry to make filters using "Rigimesh" — a highly effective product of Aircraft Porous Media Inc., an affiliate of Micro

Filter Sales Corporation.

"The arrangement is all-embracing," Mr. Truran continued. "We will act as sole Canadian agents for the American company's filters and filter components, but will also be designing and manufacturing our own filters incorporating their mesh. We are prepared to produce any type of oil, fuel, hydraulic or general aircraft system filter in our Montreal shops."

Orenda Spares Order

A \$1,000,000 order for jet engine spares, tooling and technical information, has been received by Orenda Engines Ltd. from Fabrique Nationale d'Armes de Guerre of Belgium.

The order will assist the Belgian firm in carrying out a contract from the Belgian government to overhaul and repair Belgian Air Force CF-100 aircraft and their Orenda engines.

Canadair 540 Certificated

The U.S. CAA has now fully certified for all types of commercial operation the Eland turboprop version of the Convair 340 airliner, now in production as the Canadair 540.

This is the first occasion that a twin-engined airframe of American design with any propeller turbine engine has received certification. It is also the first time that an aero-engine firm has equipped an aircraft with its powerplants and obtained for it an internationally accepted certificate of airworthiness for civil operation.

Seat Overhaul

Timmins Aviation Ltd. has been awarded a Department of Defence Production contract to repair, overhaul and modify RCAF aircraft seats.

Hoze-lok Distributors

Railway & Power Engineering Corp., Ltd., is announced as a franchised distributor of Hoze-lok industrial hose assemblies and reusable hose fittings. Extensive stocks will be maintained at their Montreal and Toronto offices.

Contracts Awarded

Contractors awarded business in excess of \$10,000 by the Department of Defence Production during the period July 16, 1958, to August 15, 1958, include the following. The list does not include orders placed by the Department outside Canada, or with other agencies, or increases in orders placed earlier — nor do orders classified as secret appear here.

Names appearing in bold face are current AIRCRAFT advertisers.

Abercorn Aero Ltd., Montreal, \$15,506