

# aviation intelligence

## Jarry lands F-111 wing actuator contract

Reward for Jarry Hydraulics' successful design and development of the wing-sweep actuation system for the USAF's new F-111 variable geometry wing fighter is a contract from General Dynamics Corp. for 26 units. This is seen as an initial order for the Montreal company; production of the aircraft may reach the 1,500 mark during its predicted ten-year life span. Landing of the valuable contract in the face of stiff U. S. competition is an outstanding achievement for the Canadian company. (Artist's conception on page 47.)

## Nuclear missiles for RCAF fighters

Canada's three CF-101B Voodoo fighter squadrons are to be equipped with Genie nuclear missiles, according to a senior RCAF officer. He told Canadian Aviation the squadrons based at Bagotville, Que.; Comox, B.C., and Chatham, N.B., were now training for attacks with nuclear-armed missiles, using special scoring devices. These provide a record of the fighter's run-in, and largely eliminate de-briefing. The Genie is an 800 lb. Mach 3 unguided rocket. It is said to have a range of eight miles and a ceiling of over 50,000 ft.

The 20-ton Voodoos have damaged the runways at the advanced air base at Val d'Or, Que. While these are being repaired, two Voodoos are on standby at North Bay, Ont.

## Hercules seeks FAA certification

Decision of the Lockheed-Georgia Company to seek Federal Aviation Agency certification of the turboprop Hercules transport appears likely to make the aircraft available to commercial airlines at a bargain basement price. The flyaway cost has been quoted at about \$2,750,000. Lockheed officials expect certification of the 50,000 lb payload weightlifter before the end of the year, due to its already well-proven performance around the world. Line positions are being offered for delivery late next year.

## Douglas forms Canadian subsidiary

Establishment of a Canadian subsidiary of the Douglas Aircraft Company was announced last month. Called the Douglas Aircraft Co. of Canada Ltd., and based at the Royal Trust Building, Albert St., Ottawa, it will serve to improve liaison with the Canadian government and industry in defence production sharing and other areas.

## Two executive BAC 111s sold

British Aircraft Corporation has sold two executive-type BAC One-Eleven jet aircraft, for delivery in 1965. The first has been purchased by a West German department store chain, and the second by a "large industrial undertaking" in the U. S. These are the first sales of the One-Eleven for corporate use. They bring the total sales of the One-Eleven to 65 (45 of these in the U. S.).

## Bomarc units train in the U. S.

Canada's two Bomarc missile squadrons are training in Florida this fall, and each unit will fire a single Bomarc B at a supersonic drone target. The missiles, which will be destroyed in the process, are said to cost anything from \$543,000 to \$1,000,000 each. This will be the third time the squadrons have fired a missile. Shortly after they were formed in 1961, they assembled, checked and fired one each at the Santa Rosa Island test facility. They fired a second missile at Elgin AFB, Fla., in October, 1962.

No. 446 (SAM) Squadron at North Bay and No. 447 (SAM) Squadron at La Macaza, Que., each have 29 Bomarc Bs but only 28 firing shelters. BomarcBs are no longer built, so the spare missiles to be fired this year cannot be replaced except from American stocks.

The North Bay unit claims it can fire the Mach 2.5 Bomarc in 30 seconds. But if a shelter were to be used to fire a second missile, it would take several hours to prepare it.

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