

roughs holds USAF contracts in excess of \$147 million for electronic data processing systems.

Automatic Landing Contract

Bell Aircraft Corp. has announced receipt of a USAF contract to develop an advanced version of the company's unique Automatic Landing System. The new system will utilize the basic ground equipment already developed by Bell under an original contract from the U.S. Navy and a subsequent Air Force order. The Navy version, known as the Automatic Carrier Landing System, has successfully landed Navy jet fighters over 100 times aboard an aircraft carrier during evaluation trials.

The new version will differ from the original equipment in the methods used to track an approaching aircraft and to relay commands during automatic landing. The original system uses a combination of radar and radio. After locking-on, an electronic computer takes over and sends the necessary course corrections to the aircraft's automatic pilot. The system makes use of a metal corner reflector, attached to the aircraft, for a target to pin-point

the radar and strengthen return signals.

The new version's radar will track a signal emitted from the aircraft. It also will have the added capability of sending information on the radar beam instead of a separate radio link between ground equipment and aircraft. The system will be capable of landing 120 aircraft per hour.

Avro Unemployed

Five weeks after the sudden cancellation of the Arrow program, only 500 new jobs had been found for the displaced workers from Avro and Orenda. This figure does not, of course, include the 2500 who were hired back. It leaves some 10,000 men job-hunting with the assistance of the National Employment Service, and many non-profit employment agencies which have sprung up as a result of the crash.

There are several factors tending to retard the placement of ex-Avroites. These are: many industries are having their own lack-of-work problems; many employers hesitate to hire Avro/Orenda workers since they feel the huge industrial complex will be re-activated in the near future and these

workers will return; many employers drop an age barrier of between 25 and 30 years of age; and finally, some employers feel that aircraft production skills cannot be utilized in other fields.

EMI Gets Radar Order

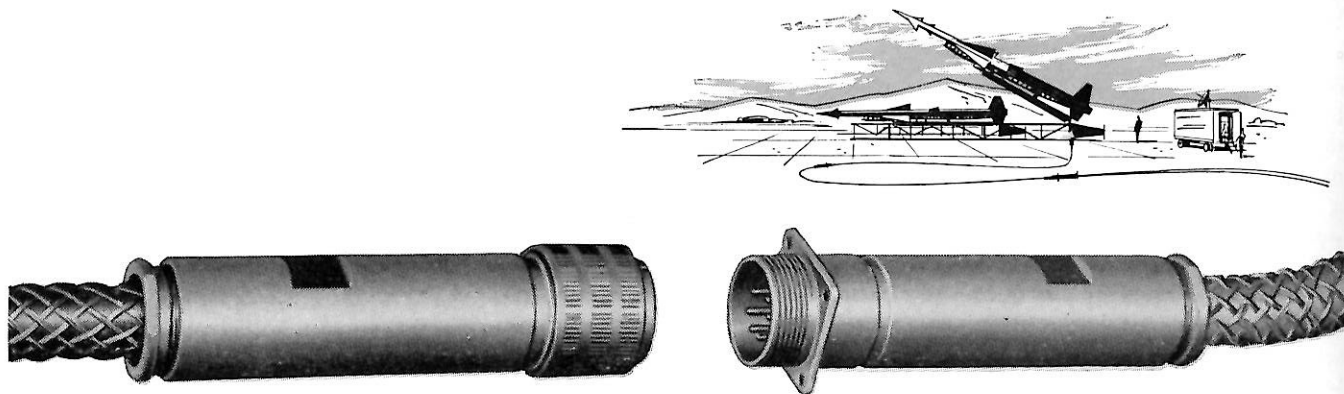
Orders worth more than \$1,000,000 have been placed with EMI Electronics Ltd. of Britain for an advanced type of airborne radar equipment for use in RCAF anti-submarine planes.

The radar equipment is the latest aid to submarine detection and will be installed in the RCAF's long-range Argus aircraft based at Greenwood, N.S. The equipment has been specially adapted to meet RCAF needs. It is lighter and more compact and has a higher performance than other equipment of similar type.

General Dynamics Sales

General Dynamics Corp. consolidated sales for 1958 were \$1,511,456,261 and net earnings totalled \$36,729,113.

The Corporation's estimated backlog at the end of 1958 was \$2,095,000,000. Contracts under negotiation at December 31, 1958 were estimated at an



Why it pays you to specify

Bendix QWL Electrical Connectors for use with Multi-conductor Cable

For use with multi-conductor cable on missile launching, ground radar, and other equipment, the Bendix® QWL Electrical Connector meets the highest standards of design and performance.

A heavy-duty waterproof power and control connector, the QWL Series provides outstanding features: • The strength of machined bar stock aluminum with shock resistance and pressurization of resilient inserts. • The fast mating and disconnecting of a modified double stub thread. • The resistance to loosening under vibration provided by special tapered cross-section thread design. (Easily hand cleaned when contaminated with mud or sand.) • The outstanding resistance to corrosion and abrasion of an aluminum surface with the case hardening effect of Alumilite 225 anodic finish. • The firm anchoring of cable and effective waterproofing provided by the cable-compressing gland used within the cable accessory. • The watertight connector assembly assured by neoprene sealing gaskets. • The addi-

tional cable locking produced by a cable accessory designed to accommodate a Kellems stainless steel wire strain relief grip. • Prevention of inadvertent loosening insured by a left-hand accessory thread. • The high current capacity and low voltage drop of high-grade copper alloy contacts. Contact sizes 16 and 12 are closed entry design.

These are a few of the reasons it will pay you to specify the Bendix QWL electrical connector for the job that requires exceptional performance over long periods of time. *TRADEMARK

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