



**SUPERSONIC TRAINER:** The Northrop T-38 supersonic lightweight jet trainer is being developed for the USAF to fill need for a trainer aircraft with performance matching characteristics of supersonic operational aircraft. Instructor and student sit in tandem, with instructor being seated at a higher level than student. Fuselage is designed to conform with "area rule". Northrop says in T-38 high performance has been combined with low initial and maintenance costs.

## Aeroquip Super Gem

The Aeroquip Corp. has licensed the Weatherhead Co. to produce and sell in the U.S. and Canada Aeroquip's "super gem" fittings, with lipseal principle, for Teflon hose assemblies under Aeroquip patents.

The "super gem" fitting for the hose assembly of Teflon is leak-proof, detachable and reusable, and is widely used in the aircraft industry.

## Names in the News

M. E. Dedrick has been appointed corporate secretary of all Canadian Hunting companies with the exception of Hunting Associates Ltd., the holding company. Previous to this, Mr. Dedrick was chief accountant of The Photographic Survey Corp., the original Hunting company in Canada. He was also assistant treasurer of Hunting Associates, a position he continues to hold.

R. A. Brocklebank has been appointed chief engineer, surveys and mapping, of The Photographic Survey Corp. Mr. Brocklebank brings to his new post five years experience supervising control surveys on PSC projects in Peru, Venezuela and the West Indies. A former employee of the Ontario Department of Highways, he is a civil engineering graduate of the

University of Toronto and belongs to the Ontario Association of Professional Engineers.

Eric B. Moss has been appointed director of engineering of the newly-named Canadian Applied Research Ltd., of Toronto (formerly PSC Applied Research Ltd.). Since 1953 Mr. Moss has been technical director of Smith Aircraft Instruments Ltd., England, where he supervised engineers and technicians working on such complex systems as the S.E.P.2 autopilot, the Smith Flight System, and the Tacan Indicator and Coupling Unit.

Mr. Moss graduated in chemistry from the University of London and after working as a physicist with the Cambridge Instrument Co. Ltd., joined Smith as chief engineer in 1937. A Fellow of the Institute of Physics and the Royal Aeronautical Society, he is also a member of the Institution of Mechanical Engineers.

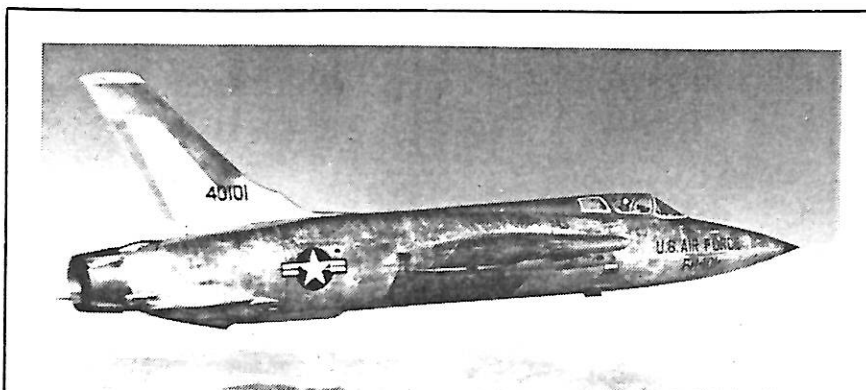
A second appointment announced by Canadian Applied Research is that of Edward D. Rushbrook, C.A., to the position of secretary and treasurer. Mr. Rushbrook gained his articles in 1950 after service with the RCN. He joined A. V. Roe (Canada) Ltd., as assistant comptroller in 1955 and left that position to join Applied Research when the company was acquired by the A. V. Roe group.

Yves Helleboid, formerly an engineer on the staff of AviQUIPO-France, has rejoined the organization with AviQUIPO of Canada. He has taken over the position of sales engineer for the Montreal office. In this position Mr. Helleboid will be responsible for all AviQUIPO sales activities in Quebec and the Maritime provinces.

The following appointments were announced by the Defence Research Board recently: B. A. Walker superintendent of the Electronics Wing of the Defence Research Telecommunications Establishment, has been appointed Deputy Defence Research Member of the Canadian Joint Staff in Washington.

James W. Cox, of SHAPE Air Defence Technical Centre in The Hague, succeeds Mr. Walker as superintendent of the Electronics Wing at DRTE.

Dr. Irvine Paghis, deputy director



**THUNDERING ALONG:** Republic F-105B Thunderchief, though primarily intended for use as a supersonic fighter-bomber, can also be used as an interceptor. A photo reconnaissance version is being produced as well. It is capable of carrying nuclear weapons. Span is over 30 ft., length, over 60 ft. Power is by a single Pratt & Whitney J-75 equipped with afterburner, and rated at 15,000 lb./th. (dry), without reheat. Thunderchief is to see service with the USAF's Tactical Air Command.