

Wing Headquarters direct the operations, training and administration of the Flying Squadrons in their respective areas. All Flying Squadrons are equipped with two types of transport aircraft—the C-45 *Expeditor* and the DHC-3 *Otter*. Their role is light transport, national survival, and search and rescue services. Light transport and national survival exercises are carried out in conjunction with Regular and Reserve formations of the RCN and the Canadian Army as well as the RCAF. Search and rescue operations are often carried out in accompaniment with civilian and RCAF Regular counterparts. In the event of emergency, these squadrons would be used to support civilian and military requirements.

The Primary Reserve is composed of Air Cadet Officers who staff the Royal Canadian Air Cadet Squadrons throughout Canada, of Manning Support Officers who are employed for 15 to 30 days each year in career counselling duties at RCAF recruiting units, and of University Squadron Staff Officers whose main function is to train members of the University Reserve Training Plan (URTP) during the academic year.

Each summer, approximately 130 first-year URTP undergraduates attend an officers training course at Reserve Officers School, Centralia. Following this initial training, specialized training is provided in aeronautical engineering, armament, administration, accounts, construction engineering, mobile support equipment, recreation, supply or telecommunications. Second-year cadets continue the formal or contact training begun the previous year and a small number of outstanding cadets is selected for a third summer of contact training at a field unit.

Royal Canadian Air Cadets.—Air cadet activities are sponsored and administered by the Air Cadet League of Canada, a voluntary civilian organization. The objectives of air cadet training are to develop the attributes of good citizenship, to stimulate an interest in aviation and space technology and to develop a high standard of physical fitness, mental alertness and discipline. The Canadian Armed Forces work in partnership with the League and provide training personnel, syllabi and equipment.

The authorized ceiling of cadet enrolment is 28,000; the strength at Oct. 1, 1965 was approximately 27,500 attached to 365 squadrons across Canada. During the summer of 1965, camps were conducted at RCAF Stations at Greenwood, N.S., St. Jean, Que., Trenton, Ont., and Namao, Alta., attended by more than 7,000 cadets and 500 officers and instructors. A seven-week course for senior leaders was held for 240 cadets at Camp Borden, Ont. Under the International Exchange Visits Program for 1965, sponsored jointly by the Canadian Armed Forces and the Air Cadet League, 60 cadets were exchanged with Belgium, Britain, Denmark, France, Israel, the Netherlands, Norway, Sweden, Turkey, the United States and West Germany.

About 250 senior Air Cadets receive flying training annually at flying clubs through scholarships provided by the Canadian Armed Forces and additional scholarships are awarded by the Air Cadet League and other organizations, which in 1965 numbered 80.

Subsection 4.—The Defence Research Board

The Defence Research Board, established in 1947, provides scientific assistance and advice to the Canadian Forces. It consists of a full-time chairman and vice-chairman, two or more ex officio members and nine other appointed members. The ex officio members are the Deputy Minister of National Defence, the President of the National Research Council and such other members as may be appointed by the Minister of National Defence as members representing the Canadian Forces. The other members, appointed by the Governor in Council for three-year terms, are selected from universities and industry because of their scientific and technical backgrounds.

The organization consists of headquarters staff, an operational research corps and seven research laboratories, and liaison offices at London, England, and Washington, U.S.A. Advisory committees composed of leading Canadian scientists provide invaluable assistance to the Board by their consideration of a variety of problems.