

MILITARY AND GOVERNMENT AVIATION

Royal Canadian Air Force

The Royal Canadian Air Force is made up of six Commands, two Air Divisions and one Training Group, each of them functional in nature. Prime aims are training and defense.

The RCAF carries out its own training programs throughout for all personnel, air-crew and non-flying.

The force maintains 12 fully operational squadrons in Europe. Basic aircraft is the Canadair-built F-86 Sabre, with four of the squadrons now in the process of being re-equipped with Canadian built and designed Avro Aircraft CF-100s. (Two of the CF-100 squadrons are now on duty overseas).

In Canada there are nine fully operational CF-100 squadrons operating as Air Defence Command's main force. The Government has indicated its intention to boost the number of ADF squadrons to 12. These units will be re-equipped with the Mach 2 CF-105 Arrow which is now under development at Avro Aircraft. Reports are that the Arrow will begin flight tests this year.

Following is the organizational detail of the RCAF, with the names of senior officers and their commands:

Headquarters Organization

Chief of the Air Staff: A/M C. R. Slemmon.

Assistant to the Chief of the Air Staff: G/C W. L. Gillespie.

Scientific Adviser the Chief of the Air Staff: Dr. J. W. Abrams.

Vice-Chief of the Air Staff: A/V/M C. R. Dunlap.

Air Member for Personnel: A/V/M J. G. Kerr.

Comptroller: A/V/M W. E. Kennedy.

Air Member for Technical Services: A/V/M H. M. Hendrick.

Chief of Personnel: A/C W. E. Bennett.

Chief of Personnel Services: A/C J. G. Stephenson.

Director General of Medical Services (Air): A/C A. A. G. Corbet.

Chief of Material: A/C Cornblat.

Chief of Aeronautical Engineering: A/C G. G. Truscott.

Director of Systems Engineering Group: G/C E. C. Poole.

Chief of Construction Engineering: A/C R. B. Whiting.

Deputy Air Member for Technical Services: A/C D. S. Blaine.

Chief of Plans and Intelligence: A/C M. D. Lister.

Chief of Air Operations: A/C W. R. MacBrien.

Chief of Training: A/C V. H. Patriarche.

Chief of Telecommunications: A/C C. L. Annis.

Chief of Operational Requirements: A/C J. A. Easton.

Chief of Organization and Management: A/C K. L. B. Hodson.

Chief of Finance: A/C R. W. Desbarats.

Field Organization

Training Command Headquarters—Trenton, Ont. Air Officer Commanding: A/V/M J. G. Bryans.

Air Transport Command Headquarters—Lachine, Que. AOC: A/C F. S. Carpenter.

No. 1 Air Division Headquarters—Metz, France. AOC: A/V/M H. B. Goodwin.

No. 1 Tactical Air Command Headquarters—Edmonton, Alta. AOC: G/C H. G. Richards.

Maritime Air Command Headquarters—Halifax, N.S. AOC: A/C M. Costello.

Air Material Command Headquarters—Rockcliffe, Ont. Acting AOC: A/C C. A. Cook.

Air Defence Command Headquarters—St. Hubert, Que. AOC: A/V/M L. E. Wray.

No. 5 Air Division Headquarters—Vancouver, B. C. Group Commander: A/C A. D. Ross.

No. 14 Training Group Headquarters—Winnipeg, Man. Group Commander: A/C H. H. C. Rutledge.

Royal Canadian Navy Naval Aviation Branch

Strength of the Royal Canadian Navy Naval Aviation Branch is concentrated in seven operational squadrons.

Two fighter squadrons are now equipped with McDonnell F2H-4 Banshee all-weather jets procured from the United States Navy. Three antisubmarine squadrons are to be completely re-equipped with CS2F-1 Trackers. This twin-engine hunter killer aircraft was designed originally by the Grumman Company and is now being produced in a Canadianized version by de Havilland Aircraft of Canada. The Tracker project was widely subcontracted throughout the Canadian aircraft industry.

The remaining two squadrons are equipped with helicopters. One squadron is designated as an antisubmarine unit, but has been extensively used in recent months for Mid-Canada Line supply. The second helicopter squadron is a general utility squadron, responsible mainly for training of personnel.

With the exception of the helicopter pilots the Navy does not carry out its own aircrew training. RCN flyers now receive the bulk of their training at United States Navy establishments.

The aircraft carrier HMCS Magnificent is being replaced by HMCS Bonaventure which was commissioned early this year.

Following is the organizational detail of the RCN Naval Aviation Branch with the names of senior officers and their commands:

Naval Headquarters, Ottawa

Assistant Chief of the Naval Staff (Air): Commodore H. P. Sears, RN.

Director of Naval Aviation: Capt. G. C. Edwards, RCN.

Staff Officer Air Personnel: Cmdr. V. I. Wilgress, RCN.

Deputy Director of Naval Aviation: Cmdr. J. D. Lowe, RCN.

Assistant Director of Naval Aviation: Lt. Cmdr. (P) V. J. Murphy, RCN.

Flag Officer Atlantic Coast

Assistant Chief of Staff (Air): Cmdr. R. A. Creery, RCN.

HMCS Shearwater

RCN Air Station near Dartmouth, N.S. Commanding Officer: Capt. D. G. King, DSC, RCN.

Commander (Air): Cmdr. D. W. Knox, RCN.

Lt. Cdr. (Flying): Lt. Cmdr. (P) R. A. Lyons, RCN.

HMCS Bonaventure

Commanding Officer: Capt. H. V. M. Groos, RCN.

Commander (Air): Cmdr. J. B. Fotheringham, RCN.

Lt. Cdr. (Flying): Lt. Cmdr. (P) W. J. Walton, RCN.

Canadian Army Air Branch

The Canadian Army's present air strength consists of two observation post flights.

There are indications of considerably more army activity in the aviation field. The force has shown definite interest in the new DHC-4 Caribou twin-engine utility transport under development at de Havilland Aircraft of Canada. The Army and the Department of Defence Production are participating with de Havilland in design and manufacture of the prototype aircraft which will be evaluated by the Army.

The Army is also known to be inter-

ested in the possibilities of building up a helicopter force. Air Branch personnel also participate in activities at the Canadian Joint Air Training Centre at Rivers, Man. Commanding Officer of the Light Aircraft School at Rivers is Major Dave Fromow.

Army Air Units

No. 1 Air Observation Post Flight
RCA, Camp Petawa, Ont. Commanding
Officer Capt. Peter Tees.

No. 2 Air Observation Post Flight
RCA, Camp Shilo, Man. Commanding
Officer Major Joseph Liston.

Department of Defence Production Aircraft Branch

The Department of Defence Production, Aircraft Branch, in Ottawa is under the directorship of D. L. Thompson.

Officers

Assistant Director: W. F. Murphy.

Regional representatives: J. L. Britt
(Montreal), C. A. Hore (Toronto).

Administration: W. A. Wallingford.

Technical: W. Symmons.

Airframes (No. 1 Div.): J. L. Bush.

Repair and overhaul (No. 2 Div.): P. J.
Herbert.

Guided Missiles (No. 3 Div.): H. C.
Douglas.

Engines and GSM (No. 4 Div.): J. C.
Finlayson.

Scheduling and Expediting (No. 5 Div.):
S. S. Payne.

Electronics Branch

Director: D. Mundy.

Assistant Director: S. I. Comach.

Deputy Contracts Administrators: F. J.
Corrigan and W. T. Stephen.

Contracts Officer, communications, test
equipment: A. W. Wilson.

Contracts Officer, control systems, missile
control units, simulators, computing.

Equipment: J. J. McKennirey.

Contracts Officer, radar, sonar equip-
ment: J. F. Murphy.

Contracts Officer, electronic components:
W. J. Driscoll.

Adviser and Co-ordinator U.S. Procure-
ment: Col. B. Lake.

National Research Council Division of Mechanical Engineering

Director: J. H. Parkin.

Assistant Director: Dr. D. C. MacPhail.
Chief, Aerodynamics Section: R. J. Temp-
lin.

Chief, Flight Research Section: A. D.
Wood.

Chief, Thermodynamics Section: Dr.
D. C. McPhail.

Department of Transport Air Service Branch

The Department of Transport, through its air services branch, regulates air operations in Canada and is responsible for the provision of facilities in connection with civil operations. Headquarters of the branch is located in No. 3 Temporary Building, Wellington Street, Ottawa, Ont.

Following is a detail of organization with senior officers and their area of responsibility:

Director General of Air Services: Air
Vice Marshal J. L. E. de Niverville.
Executive Assistant to the Director Gen-
eral: D. A. McDougal.
Controller Civil Aviation Division: R.
Dodds.
Superintendent of Airways and Airports:
Dr. J. R. Robertson.
Chief Air Traffic Control: C. C. Bogart.
Superintendent of Air Regulations: C. T.
Travers.
Chief Aeronautical Engineer: H. S. Rees.
Chief Construction Engineer: H. J. Con-
nolly.
Director Telecommunications Division:
F. G. Nixon.
Director Meteorological Division: A.
Thomson.
Director Moncton District: R. W. Good-
win, 232 St. George St., Moncton, N.B.
Director Montreal District: J. L. Blon-
deau, Trans-Atlantic Bldg., Dorval Air-
port, Montreal, Que.
Director Toronto District: S. S. Foley,
25 St. Clair St. E., Toronto, Ont.
Director Winnipeg District: W. E. Fenn,
611 Power Bldg., Winnipeg, Man.
Director Edmonton District: H. J. Wil-
liamson, 302 Blowey-Henry Bldg., Ed-
monton, Alta.
Director Vancouver District: T. G. How,
739 West Hastings St., Vancouver, B.C.

Air Transport Board

Chairman: W. J. Mathews, Q.C.

Members: A. D. McLean and J. L. G.
Morisset.

Secretary: J. R. Belcher.

Executive Director: A. S. McDonald.

Chief Traffic Officer: J. C. Sullivan.

Chief, Fare & Rate Analysis: J. L. Mc-
Intosh.

Chief, Tariff Interpretation: W. V.
Taillon.

Chief, Licencing Division: J. P. Lalonde.

AIRCRAFT AND AERO ENGINE MANUFACTURERS

Avro Aircraft Limited,

Box 4004, Terminal A,
Toronto, Ont.
Tel.: BU 6-4411.

Continuing production of CF-100 in
Mark 5 version. Ready for production
of new CF-105 Mach 2, all weather inter-
ceptor, prototype of which will reportedly
fly this year. Also engaged in top secret
development for United States Govern-
ment. Member of the A. V. Roe Canada
Ltd. group of companies.

Chairman: Crawford Gordon, Jr.

President & general manager: F. T.
Smye.

Vice-president, engineering: J. C.
Floyd.

Vice-president, manufacturing: H. R.
Smith.

Vice-president, sales & service: J. A.
Morley.

Vice-president, finance: J. Turner.

Chief test pilot: D. H. Rogers.

Public relations manager: A. H.
Stewart.

Comptroller and treasurer: P. H.
Williams.

Secretary: N. E. Kindell.

Canadair Limited,

P.O. Box 6087,
Montreal, Que.
Tel.: RI. 4-1511.

Design, development and production of
aircraft. Projects include design of nu-
clear products and development of
guided missiles, in conjunction with
RCAF and Canadian Government. Cur-
rent production on CP-107 Argus for
Maritime Air Command of the RCAF
and Sabre VIs for West German Air
Force. Have done design work on an
ab-initio jet trainer, the CL-41.

Chairman & managing director: John
Jay Hopkins.

President & general manager: J.
Geoffrey Notman.

Vice-chairman of the board: Frank Pace
Jr.

Vice-chairman of the board: Lawrence
B. Richardson.

Vice-president & general counsel: John
E. L. Duquet, Q.C.

Vice-president, engineering: William
K. Ebel.

Vice-president, manufacturing: Robert
A. Neale.

Vice-president, sales: Peter H. Red-
path.

Vice-president and comptroller: James
F. Tooley.

Manager, aircraft sales: A. J. Lilly.

Manager, spare parts sales: L. S.
Adamson.

Chief sales engineer: K. H. Larrison.

Manager, contract administration: Ivan
Manley.

Sales service manager: A. G. Sims.

European representative: J. H. Davis,
41-42 Princess House, 190 Picca-
dilly, London, W.1, Eng. Tel.:
Regent 5183.

Ottawa office: Curtis F. Fincham,
special assistant to the vice-president,
sales, Room 509, Commonwealth
Bldg., 77 Metcalf St., Ottawa, Ont.
Tel.: Ottawa Central 6-5375.

Canadian Car & Foundry Co., Ltd.

621 West Craig St.,
Montreal 3, Que.
Tel.: UN 6-5611.

Facilities at Fort William, Ont., for pro-
duction of aircraft and sub-assemblies.
Current activities include production of
wings for CS2F-1 Tracker for Royal

Canadian Car & Foundry Co. Ltd.
(Continued)

Canadian Navy under sub-contract from de Havilland of Canada. Have produced Harvard and Mentor trainers for RCAF and USAF. Member of the A. V. Roe Canada Ltd. group of companies.

President & managing director: E. J. Cosford.

Executive vice-president: A. C. MacDonald.

Vice-president of finance and treasurer: J. E. Clubb.

Vice-president in charge of sales, aircraft div.: L. H. Kottmeier.

Vice-president in charge of manufacturing, automotive and aircraft div.: R. E. Henderson.

Vice-president, export div.: A. C. Lawson.

Vice-president in charge of planning & development: E. G. Burgess.

Secretary: R. E. Cromwell.

General purchasing agent: W. J. McCuaig.

Canadian Pratt & Whitney Aircraft Co., Ltd.

P.O. Box 10,
Longueuil, Montreal 23, Que.

Tel.: OR-4-4941 (Montreal Exchange).

Manufactures Pratt & Whitney R-1340 Wasp and the 1525 h.p., nine-cylinder Wright Cyclone. Production of parts for five additional engines with worldwide sale of these engine spares. Sell and service Sikorsky helicopters and Hamilton Standard propellers produced by United Aircraft. Also handle Pesco Products in Canada. Have just completed a \$5,000,000 expansion program at the Jacques Cartier plant. A subsidiary of United Aircraft Corporation.

Chairman of the board: James Young.

President: R. T. Riley.
Vice-president: J. W. R. Drummond.
Secretary: James Ross.
Treasurer: V. W. Tryon.

de Havilland Aircraft of Canada Ltd.,

Postal Station L1,
Toronto, Ont.
Tel.: ST 8-2431.

Production includes Beavers, Otters, Chipmunks and CS2F-1s. Full development and production was recently initiated on the DHC-4 Caribou, a new twin-engine STOL aircraft. Company also provides overhaul and repair facilities and maintains an engine overhaul division doing contract work on jet and piston engines. Guided Missiles Division working on classified projects.

Managing director: P. C. Garratt.

Engineer director: W. D. Hunter.

Sales director: C. H. Dickens.

Secretary-treasurer: G. J. Mickelborough.

Director of operations: Russell Banock.

Production manager: Wm. Burlison.
Manager, engine division: H. G. B. de Kruyff van Dorssen.

Sales manager: D. L. Buchanan.

Public relations manager: A. F. MacDonald.

Purchasing agent: R. B. Imrie.

Orenda Engines Limited,

Box 4015, Terminal A,
Toronto, Ont.
Tel.: BU 6-4911.

Extensive flight testing and preparation for production of the Iroquois turbo jet which will power the CF-105. Big production order on Orenda 14's for the 225 Sabre VIs, ordered by West Germany. More than \$7,000,000 spent in the last year for extending test facilities.

Member of the A. V. Roe Canada Ltd. group of companies.

Chairman: Crawford Gordon, Jr.

President and general manager: W. R. McLachlan.

Vice-president, engineering: C. A. Grinyer.

Vice-president, manufacturing: E. K. Brownridge.

Vice-president, sales & service: F. L. Tretthewey.

Sales manager: P. Y. Davoud.

Director: A. A. Bailie.

Secretary & treasurer: K. R. Church.

Rolls-Royce of Canada Ltd.,

Box 1400, Station "O",
Montreal 9, Que.

Tel.: ME 1-3541.

Equipped for the manufacture and assembly of jet engines, full overhaul, testing, and manufacture of spare parts. Providing for future expansion, the company has purchased 102 acres of land on the factory site. Facilities of the company include 75,000 square feet of manufacturing, office and store space, together with modern jet test beds. Rolls-Royce of Canada Limited, is a subsidiary of Rolls-Royce Limited, Derby, England, manufacturers of aero engines since 1914.

General manager: R. M. Kendall.

Works manager: David Boyd.

Financial & commercial manager and treasurer: Ian Turner.

Assistant to the general manager: A. G. Morral.

Manager, engineering services dept. (Aero): James Hall. Production manager (Aero): K. J. Grundy.

Secretary and assistant treasurer: A. P. Smibert.

Sales Manager (Aero): A. M. Scott.

Contracts manager: J. P. Kohl.

Subcontractors, Component Manufacturers and Suppliers, Maintenance, Repair and Overhaul

Abercorn Aero Ltd.,

7435 Chester Ave.,
Montreal 29, Que.
Tel.: HUinter 9-4978.

Safety equipment, pyrotechnics and aircraft accessories. Manufacture and service of inflatable life jackets and dinghies at Granby, Que.

President: Mrs. M. E. Baker.

Vice-president: R. E. Lloyd.

Sales manager: L. K. Lloyd.

Purchasing agent: G. F. Johnson.

Sales: C. K. Derby, R. B. Marchant.

Aero Engineering Ltd.,

Hangar No. 13, Municipal Airport,
Edmonton, Alta.
Tel.: 83541.

Aircraft and engine overhaul, servicing, repairs and supplies.

L. L. White.

Gen. Mgr.: T. P. Fox.

Aeromagnetic Surveys Ltd.,

1450 O'Connor Drive,
Toronto 16, Ont.
Tel.: PL 5-1141

World-wide airborne geophysical services. Member of Hunting Associates Ltd. group of companies.

President: J. R. Hughes.

Vice-president: D. N. Kendall.

Secretary: H. S. Mackenzie, Q.C.

Treasurer: J. H. Millman.

General manager: D. G. MacKay.

Sales manager: J. B. McClusky.

Director of public relations: Ross Willmot.

Aeromotive Engineering Products,

5257 Queen Mary Rd.,
Montreal 29, Que.
Tel.: Elwood 9602.

Emphasis on Sales Engineering and design, specialists in de-icing, temperature measurement and control equipment associated with cold weather operations.

President: A. C. Bolland.

Vice-president: G. S. Martin.

Secretary: R. Hurlburt.

Aeroquip (Canada) Ltd.,

287 Bridgeland Ave.,
Toronto 10, Ont.
Tel.: RUssell 1-5261.

Design, development and production of flexible hose assemblies with detachable and reusable fittings, self-sealing couplings, rigid tubing, Marman clamps, etc.

Vice-president & general manager: R. W. Bowman.

Assistant gen. manager: D. A. Rumgay.

Sales development manager: L. E. Buckwell.

Industrial sales manager: W. D. Heeley.
Manager: A. Yamanaka.

Aircraft Appliances & Equipment Ltd.

585 Dixon Side Road,
Toronto 15, Ont.
Tel.: CH 4-5506.

Aircraft repair and overhaul. Electrical and electronic equipment and accessory

sales.

President: L. V. Myslivec.

Aircraft Industries of Canada, Ltd.,

P.O. Box 100,
St. Johns, Que.
Tel.: FI 7-7517.

Provides a complete one-stop airframe service for both military and commercial aircraft. Fully equipped to handle work in many specialized lines.

Chairman of the board: D. A. Thomas.

President and general manager: J. H. Lucas.

Vice-president: J. F. Brown.

Secretary-treasurer: D. W. Locke.

Production manager: P. E. Green.

Aircraft Overhaul & Repairs Ltd.,

P.O. Box 429,
Grand'Mere, P.Q.

Tel.: Grand'Mere 2259—Night 2109.

Aircraft engine and airframe overhauls; float repairs, parts service, gas and oil. Seaplane landing base and grass runway.

President: A. R. Jervis.

Vice-president: J. Wade.

Aircraft Parts & Supplies Reg'd.,

P.O. Box 74,
St. Laurent, Que.
Tel.: BYwater 8941.

Suppliers of aircraft accessories including: batteries, switches, propellers, ground-heaters and instruments.

President: J. Zinnato.

Vice-president: A. Latremouille.