

Role Of Air Navigators Vital To NATO Defence

By RICHARD ANCO
Canadian Press Staff Writer
WINNIPEG (CP)—"This is a calculating age," an air force officer said, "and we need more calculators."
He was explaining the role of a little-known group of airmen who are proving as vital to NATO air defences as the jet fighter and bomber pilot. The navigator is a key man in the network of post-war defences—whether for aerial interception, long-distance transportation or bombing.
In daylight or darkness, his interpretation of the various blips and dots lighting up a complicated radarscope must be errorless.
PILOT'S CHIEF ADE
Because defence now has become an all-weather, round-the-clock mission, the navigator has become the pilot's right-hand man.
The navigator must give his pilot the directions necessary to get their plane to the target at the right time. He is also responsible for bringing the aircraft and its crew back safely to base.
Response to a warning "unidentified plane approaching" must be quick. The interceptor navigator, whether in rain, murky night or fog, must locate the "intruder" on his scope, direct the pilot to it and aid in classifying it friend or foe.
The long-range navigator, who uses radio positions, maps and the stars with his radar calculations, has no time for second-guessing when he instructs his pilot that

"In about one minute, 30 seconds we will be over our destination."
NOW ONE SCHOOL
Behind NATO's hemispheric defence curtain Canada has been selected as the training ground for navigators as well as fighter and bomber pilots. This job, once split between training schools at Sunnow is handled entirely in Winnipeg except for a pre-flight introductory course to Canada in London, Ont.
Understanding the function and workings of a radar machine involves an intense course in electronics for the students chosen from 10 European countries to participate in the NATO training plan. In their three-week course at London they are taught the most necessary part of the course, English. In Winnipeg, the students are given a 24-week primary course before graduating into one of three advanced schools—airial interception, long-range navigation or a combination of radio operator-navigator. These advanced courses last from 15 to 18 weeks.
Kaj Rasmussen, 22, who was a medical student in Kolding, Denmark, before he joined the Danish air force, says navigation lacks some of the thrill of jet flying but there is "a tremendously satisfying feeling in accomplishing your end" of a mission "on the dot and successfully."
In Denmark he will fly airborne interception in the two-veater, British meteor jet. His training in

Canada has been on Mitchell bombers.
FAILED AS PILOTS
But there is in some students a strange "coolness" towards navigation. Some of them originally set out to be pilots and, falling that were channelled into navigator schools.
A 25-year-old Belgian, Rousseau Jacques of Lustin, is one. His feelings about navigation carry a certain dulness associated with repetitive scanning of radarscopes and routine calculation of flight courses.
Jacques entered the advanced aerial interception school right after he took the English course at London: He got his primary training in a 3½-year course back in Belgium, the only NATO country that provides the early schooling.
However, these students—funnelled out of Norway, Greece, Turkey, The Netherlands, Portugal, Italy, France, Denmark, Belgium and the United Kingdom—agree on one thing. It's great to be able to see Canada.
Rasmussen says his fondest memory of Canada is the Calgary stampede, "famous all over the world." In short, he says, "it was real funny."
OLD DIGGERS
The Shoshoni, or "digger," Indians of Nevada were so-called because of their practice of digging roots for food.

Baseball Leafs Get New Mgr.

COLUMBUS, Ohio (AP)—Bruno Betzel, veteran minor league manager and coach, Monday was named manager of Toronto Maple Leafs of the International League by owner Jack Cooke.
Betzel succeeds Luke Sewell who took over the managing job at Seattle in the Pacific Coast League.
Betzel served as a coach under Sewell in the last two years.
Betzel formerly managed Montreal, Jersey City and Syracuse in the International, winning pennants at Montreal and Jersey City.

Lord Beaverbrook Returns Disputed Painting To NY

NEW YORK (AP)—A painting by Fragonard, reported in the possession of Lord Beaverbrook, the Canadian-born British publisher, has been returned to a New York woman who sued an insurance company to recover the value of the canvas.
This was announced Wednesday by Robert F. Doran, counsel for the Atlantic Mutual Insurance Company, named defendant in the suit. He made the statement after a defence motion to bring additional parties into the suit had been marked "withdrawn" in state supreme court.
Explaining withdrawal of the defence motion, Doran said Mrs. Florence E. Dickerman "has her picture back." He would not amplify this statement, nor would Mrs. Dickerman comment.
Mrs. Dickerman's lawyer could not be reached immediately for comment.
Mrs. Dickerman had sought to recover \$45,000 from the insurance company which, she said, had insured her possessions, including the masterpiece, "Portrait of a Young Girl," for \$385,000.
In her suit, Mrs. Dickerman said she commissioned Anthony Seaton, an art dealer who died last year, to sell the painting. But, she maintained, he "converted it to his own use" and subsequently returned an imitation to her.
DENIED CLAIM
The insurance company denied her claim for insurance, saying it had learned Seaton sold the painting to Hirschl and Adler, New York agents, and had received

\$13,000. The company said Lord Beaverbrook in turn bought the portrait for \$17,500.
To avoid "a multiplicity of suits" the insurance company had asked that Maria Seaton, administrator of Seaton's estate, Hirschl and Adler and Lord Beaverbrook be brought into the suit as "conditionally necessary parties."
It was this motion which was withdrawn Wednesday.
Lord Beaverbrook was not named as a defendant in the suit and court records quoted him as saying he would "welcome a test of his title to the picture."
The only part of the litigation disposed of Wednesday was the insurance company's motion. The complaint remains on file.

COMMON AILMENT

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NEW APPOINTMENT

Capt. John MacGillivray, 46, of Vancouver and Victoria Jan. 4 will become commodore superintendent of HMC Dockyard, Halifax. He will be promoted to Commodore. (CP from National Defence.)

Find Puzzles Scholars

MOOSE JAW, Sas., (CP)—Origin of a mysterious inscription on a large boulder in southern Saskatchewan is puzzling an amateur archaeologist here.
W. H. Bud Metcalf has been digging into the background of the inscription "July 1, 1791," found on the boulder at the bottom of a buffalo wallow in the Kerrobert area about 60 miles east of the Alberta border.
The boulder is about three by four feet in size, two feet high. Its smooth upper edges indicate the buffalo which once roamed the plains used it as a rubbing stone.
The chiselled figures on the flat upper surface apparently are quite old, but the area has been settled for only about 50 years.
Mr. Metcalf said it would appear that if the carving were done in 1791, it would have to have been the work of an employee of the Hudson's Bay Co. However, there is no record that any of them were in the district at the time.

OFF BEATEN TRAIL

Matthew Henday, first white man to reach the Rockies from the east, went through the west in 1754 but did not travel so far south.
All traffic in 1791 was along the North Saskatchewan river and the nearest fur traders were in the Prince Albert area. Traders stayed in the North because of the threat of hostile Indians in the South.
Mr. Metcalf suggested that a cowboy with time on his hands may have carved the date about 40 years ago as a joke.
The boulder is fairly close to the old "Bone Trail," which ran from southern Alberta towards Saskatoon and was marked by piles of Buffalo bones.

MOST POPULAR

LONDON (CP)—Murders, wild west tales and other thrillers are the most popular books sold at London Airport. A survey says 75 per cent "are paper-backed novels with a murderer among the pages."

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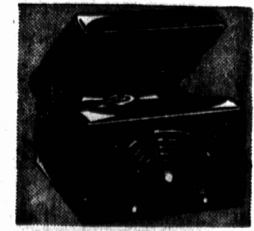
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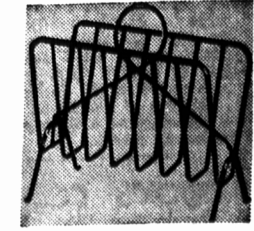
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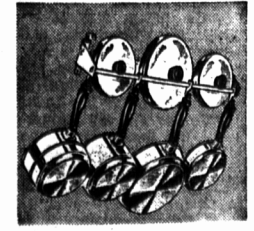
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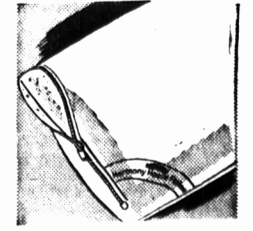
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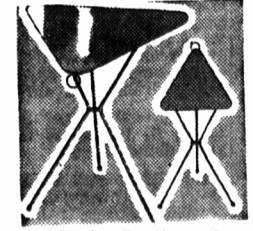
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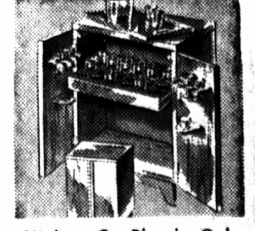
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