

Planning Huge 4-Engine Bombers

By STEPHEN J. McDONOUGH Associated Press Writer

WASHINGTON, July 29.—(AP)—The United States army corps disclosed today it is planning for future airplanes three times as large as its present four-engine bombers.

Such planes, each big enough to fill a football field, and as high as a two-story building, may not be flying for another five or ten years, but aeronautical engineers declared that they would be practical.

"The bigger you build them the more efficient they are," one engineer declared.

The air corps now is completing at Wright Field, Dayton, Ohio, a power plant laboratory designed to test engines up to 8,000 horsepower, using propellers 60 feet in diameter.

The largest present twin-row air-cooled engines develop a maximum of 2,000 horsepower, and the average automobile engine rates less than 100 horsepower. The largest propeller blades now in use on large bombers or transport airplanes are about 16 feet in diameter.

Within the last year engineers and scientists of the national advisory committee for aeronautics at Langley Field, Va., tripped the power cup merely by a super-cooling arrangement of the fins on the jacket of a motor cylinder. The faster heat is carried away from the cylinder the more power can be developed.

Vision 150-ton Planes

The largest planes flying today are land and sea ships weighing a maximum of 50 tons. They are capable of flying 2,000 miles at a cruising speed of 150 miles an hour.

Fast-American Airways recently asked for designs for 65-ton planes capable of flying across the Atlantic Ocean and back without stopping.

Manufacturing companies immediately agreed to submit proposals.

Private aeronautical engineers said that the size of the airplane of tomorrow is limited only by the strength of the materials in the cantilever wings, which are built like a steel bridge.

They envision the 150-ton airplane as a "flying wing" without tail, assembly or fuselage, guided by wing-tip rudders and elevators, with engines mounted inside and driving propellers on the rear edge of the wing. It would be large enough for passenger cabins and accommodations.

Equipped for military purposes, such planes would be able to carry more than five tons of bombs from American shores to European cities, from Alaska to Japan, or similar distances, drop the bombs and return without stopping.

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This lovely star tells you how to make sure of daintiness. A daily Lux Toilet Soap beauty both is wonderfully refreshing and you'll love the delicate, clinging fragrance this rich, Whipped Cream Lather leaves on your skin. Try it for yourself!



Entertainment For Forces in Halifax

MONTREAL, Aug. 1.—(CP)—An appeal for aid for Halifax and its citizens war service committee was issued today by the Canadian Federation of Mayors and Municipalities. The appeal points out the problem of Halifax in regard to entertainment of the troops is greater than that of other cities.

Troops from all parts of Canada may be stationed there, or passing through, and sailors of the French navy as well as of the Royal Navy and the Canadian navy are also in port.

The appeal, addressed to 500 Canadian municipalities, calls for contributions of money for entertainment of the forces, and for magazines—particularly French magazines for French sailors here.

Capone Returns to Life of Luxury

MIAMI BEACH, Fla., Aug. 1.—(AP)—Al Capone has come out of the seclusion of his white-walled Palm Island villa to mingle again with the public to which his name is a synonym for prohibition era gangsterism.

Recovering slowly from a serious illness Capone has begun to visit night clubs, dine in restaurants and otherwise indulge in normal pursuits.

Besides occasional automobile rides his activities have been confined to the privacy of his sumptuous estate. There he swims in his private pool, lolls in the sun of his patio and fishes from a pier.

Living with him there are his wife, Mae; his son, Alphonse, Jr.; brother, John; a brother-in-law, Danny Conklin; and several servants. Friends drop in now and then.

ODDITIES IN NATURE

An astonishing tale of an Arctic mirage was told at a meeting of the American Philosophical Society held in Philadelphia a while ago. The meeting was to celebrate a Polar anniversary.

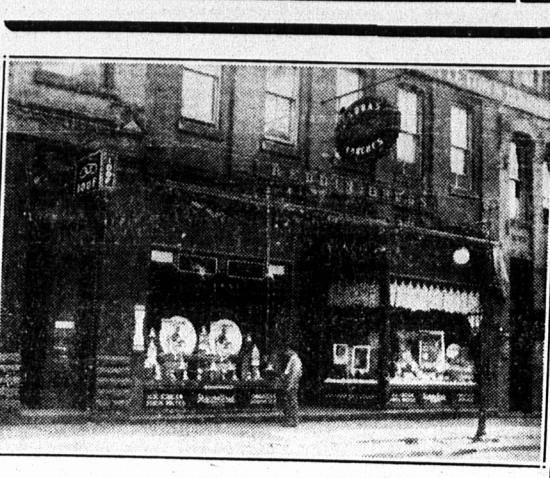
According to Bob Bartlett, master of the ship which took Admiral Peary on his voyage to the North Pole in 1909, mirages in the Arctic are as common as they are in the desert.

Last summer, when he was in the famous ship Morissey halfway between Greenland and Iceland, he and his crew saw something which made them gasp with wonder.

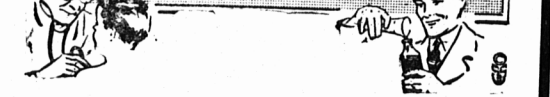
They were looking towards Iceland when they saw the snow-capped 10,000-foot peak of Sneffelspeak nearly 350 miles away! This is said to be the longest recorded distance over which the naked eye has ever seen an object on the earth's surface from ground level.

The phenomenon has been described by a professor of the University of Michigan as a true mirage. Layers of hot air over layers of cold in the atmosphere distorted the light rays, he explained, so that instead of travelling in a curve, persons within the limited area at which the rays again came in contact with the earth's surface were able to see objects below the horizon which they were not to be able to see from their actual distance away.

Little Ads That Help You SAVE



The First Line of Defense Against Illness!



PREVENTIVE measures are the first line of defense against illness. . . . A doctor's prescription may prevent tragedy. . . . Consult your physician regularly!

REDDIN BROS.

PHONE 86

WEEKLY PRIZES

- 1ST PRIZE — \$2.00
- 2ND PRIZE — \$1.00
- 3RD PRIZE — 50¢
- 4TH PRIZE — 50¢

SOLUTION Last Week's Contest

Puro Milk Co., Ltd.
Whitlock's Tire Service,
Stewart's Bakery,
Reddin Bros.
Phone 86, 132 Richmond Street
Proprietors, Mr. Leo Doucette and Mr. Roy Smallman.

LAST WEEK'S PRIZE WINNERS

1. MISS LILLIAN MacPHEE, Southport, P. E. I.
2. MR. H. F. CUMMINGS, 12 Douglas Street
3. MR. JAMES P. ROBERTSON, Southport, P. E. I.
4. MRS. MAUD CURRIE, 315 Euston Street, City.

LADIES!

Be comfortable as well as smart in our up-to-date White Summer Sport and Dress Shoes. All the latest styles at the lowest prices.

PURDIE FERGUSON
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Special group priced for quick selling. Sport Suits, Slacks, Shorts, Play Dresses. All late models.

THE GREEN DOT
Kent Street

AMATEUR PHOTOGRAPHERS!

Secure your film and camera supplies here. Try your hand at photography this summer. See our lovely views of Island Scenery. Beauty saved on film.

CRASWELL'S STUDIO
Phone 272-L

Glass Sandwiches

Present day safety-glass as used in automobiles has rendered obsolete the proverb that people who throw stones should not throw stones. Today they may even fire bullets, for there is a glass that will stand up to a stream of bullets from a sub-machine gun.

Advancement in the use of sheets of plastic material as an interlayer between two sheets of glass, making a sandwich, have revolutionized all previous concepts of glass for certain and specific uses. The expansion in the motor car industry following the last Great War brought a market sufficiently broad to warrant further research into the somewhat primitive types of safety-glass that had been used in tanks and aeroplanes. A sheet of this new current issue of C-I-L has been developed.

As research and experimentation continued, the safety factor was becoming more and more important in the automobile. Speed and safety brought in the turret-top and all-steel bodies, blow-out proof tires and hydraulic brakes. Then came the 1939 cars off the assembly lines fitted with windshields and windows made with a new and safe safety-glass. The secret of the new glass is vinyl acetate plastic resin, that oves much of its early development to the research conducted by Canadian chemists at Shawinigan Falls in Quebec.

On these cruises character are the homes of excellence character are offered if a little financial help can be provided. And this covers only half of the country's population. When the survey is completed it is expected that these numbers will be greatly increased.

One point is stressed by the National Executive of the V.R.C.W.

FEAR IS NECESSARY

"Do not be afraid," may be good advice generally speaking but there are times when we must be afraid if we are to continue to live.

A woman who is crossing a road suddenly sees a car rapidly approaching. She is not afraid, but she is not afraid to get away in time. If she is not afraid of the car she would not survive. Fear instantsaneously sets her agreement. Her protective movement is almost as quick as thought.

Her fear was the fear which ensures the survival of the race by making it in danger.

When one is afraid, action is almost reflex—scientists call it "conditioned." One's action is automatic, dictated. "Nerves" are all right, but with this rather big difference; fear warns of something really dangerous, whereas "nerves" may be affected without real danger. Nerves are often masqueraders of fear; they make us think there is something to be afraid of when there is not.

That is why worry plays such a part in our lives. It multiplies the imaginary dangers impending and brings people into such a state of nerves that the particular part of the body failed to service by fear, have not distinguished between a real danger and a bogey.

In such a case the slogan: "Do not worry, it may never happen," is cold comfort. The poor nervous individual feels that Nemes is just round the corner.

The real remedy is to occupy one's mind with something else. Hand-stands of nerve sufferers have saved their health by following the doctor's advice to engage in some absorbing task.

Nervous people are usually introspective. They look inward. For them relief and even cure may be found in looking outward on the affairs of others.

It is a known fact that doctors and nurses can move among disease with little danger of catching it. They are not afraid of it and most of all they are not thinking of themselves expecting to "catch something." It is a curious and established fact that many people catch just the disease of which they are frightened. A living faith in Christ and devotion to mankind are the best cure of all.

Women Needed To Help In Registration

At the request of the Minister of War Services, Hon. James G. Gardiner, the Women's Auxiliary of the Voluntary Registration of Canadian Women, and Miss Margaret Hyndman, K. C., Director of Organization in the Maritimes this week. The Voluntary Registration of Canadian Women has already the names of 260,000 Canadian women in its files, and a staff of over 3,000 business girls have been working in Toronto, in tabulating the statistics.

The Voluntary Registration in no way conflicts with the National Registration, and at the request of the Government the volunteers under the V.R.C.W. will assist in the compulsory registration.

It is pointed out that the Government registration does not list nearly as much information as the voluntary scheme, and furthermore, many weeks will be required to index and file the mass of information. Obviously the survey of men required for purposes of defence must be completed first. But,

EXPLANATION OF CONTEST

1	2
DECADES	COMFORTABLE
3	4
DINNER	IDEAL

Mrs. Housewife!

Get rid of insect pests the easy SAPHEX way. Cheap and easy way of eradicating our NEBEL Electric Sprayer which you may rent at a low cost.

Get a can of SAPHEX today and be rid of insect pests, in this inexpensive way.

REDDIN BROS.
Phone 86

THE FAMILY DRINK

"Garden City Milk" is the ideal source of health energy and beauty. Start the habit of drinking plenty of GARDEN CITY MILK

THE PURE MILK CO. LIMITED
Corner Great George and Fitzroy Streets

MEAT MARKET SPECIALS

Beef, Pork, Fresh Lamb, Spring Chicken.

Cooked Meats — Smoked Meats — Vegetables—Canned Goods — Lobsters.

All kinds of Meat for your Dinner Menu.

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PASTRIES

FOR WARM DAYS

Treat your family to tasty pastries, cookies and fancy breads. They are positively delicious and will make a success of any meal.

STEWART'S BAKERY
Phone 211.

LET US TAKE YOUR RISKS

Motorists should realize that 90% of tire trouble comes in the last 10% of a tire's life. We have a plan by which you can get full value of this last 10% with no trouble or risk attached. Ask us for details how you may enjoy ease of mind at our expense.

WHITLOCK TIRE SERVICE
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WHEN YOU WANT GROCERIES

Phone or call at our store. We can supply your wants from fresh stock and give you prices to meet any competition and service that will make your dealing a pleasure.

L. S. COFFIN
Phone 873

WHEN YOU WANT FRESH VEGETABLES

All kinds of fresh vegetables, new cabbage, new beets, green peas, new potatoes and everything that goes to make up a good dinner.

P. J. MacDONALD
Phone 888-889

HOW TO ENTER

Read the ads thoroughly. Write down the number of the "Shopword" as it appears in the heading. Then opposite the number write the name of the advertiser in whose space you have found the phrase. In the case of the fourth "Shopword" contest required that you state in addition to the name of the firm the name of the business and the location of the office in which the contest is being held.

Then attach to your reply a receipt from any one of the sponsors of this contest showing the business has been transacted with at least one of them.

Also be sure to state the name of the firm from which you wish to receive your prize.

CONTEST RULES

Any readers of the Charlottetown Guardian may participate. (Excepting employees of the Guardian Publishing Co., and members of their families.)

It is important that each report shall be accompanied by a receipt from any one of the firms whose announcement appears in the contest.

It is also important that you state on your entry which of these firms you wish to draw your prize from.

All correct replies have equal chances of winning. The winning entries are drawn in the order in which they are drawn.

All prizes are awarded in the form of orders on the advertisers indicated in the replies and are NOT TRANSFERABLE.

All replies must reach this office not later than noon on Thursday. Send in as many replies as you wish but be sure to attach a sales slip to each reply.

Address all replies to CONTEST EDITOR

Guardian Office
Charlottetown

URGES THAT LABOR BE REPRESENTED ON WAR SUPPLY BOARD

OTTAWA, Aug. 1.—(CP)—Conservative leader Hanson in the House of Commons tonight urged for a Government from the Government showing the total commitments of the Munitions and Supply Department for military services be laid on the table.

As long as the Government appoints to war boards industrialists who are opposed to trade unionism and social improvements, there can be little wonder at the people's suspicions that any real democracy will exist at the war's end, August MacLennan (CCF Vancouver East) declared.

Employees of some business members of the munitions board dared not belong to a trade union or to the C.C.F. openly, he said. Mr. MacLennan said Labor should have been represented on the War Supply Board.

"If there are half industrialists on the labor advisory council, why not name half labor members on the other boards?" he asked. "The wisdom and ability was not in the owners of big business in Canada."

before and after boiling. Boil hard for 15 minutes — watch your clock when remove from fire and stir in bottled fruit peckin. Stir and skim by turns for exactly 5 minutes — watch your clock — to prevent floating fruit. Pour quickly.

SUMMER CRUISERS TO ALASKA "AMERICA'S LAST FRONTIER"

Alaska is again in the spotlight as an attraction for holiday seekers, and as a result of the popular demand for cruises to this fascinating country, weekly sailings out of Vancouver by liners of the Canadian National Railways are now being operated, according to C. W. Johnston, general passenger ticket manager of the company.

On these cruises these are sights afloat and ashore of unusual character; the smart fishing craft, the passing steamers, the nearby land with its settlements, large and small, and the canneries. Johnston stated that the sailings out of Vancouver by liners of the Canadian National Railways are now being operated, according to C. W. Johnston, general passenger ticket manager of the company.

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STRAWBERRY JAM

(10 glasses)

Four cups prepared fruit (2 pounds), 7 cups sugar (3 pounds), 1-2 bottle fruit peckin.

Grind or crush thoroughly about 2 quarts ripe berries. Measure sugar and prepared strawberries into large kettle. Be sure the kettle is large enough to give swishing space. Mix well, and bring to a full rolling boil over hottest part of fire. Stir without stopping, both

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The Japs think that Britain is down—so they take a kick at her. That is the explanation of the sudden bellicose attitude towards the British in the East. Britain's determination not to knuckle under is shown by the prompt preparations made for defence and the evacuation of women and children. Here is a scene at a Hong Kong wharf with British and American women and children going aboard a ship to go to Manila, Australia, and other safe places.

FIRST GRAIN CAR

WINNIPEG, Aug. 1.—The first car of grain from the 1940 crop of the Manitoba district was loaded at Morris according to B. T. Chappell, General Supt. Canadian National Railways. The farmer was P. Vermeire who shipped the car consigned to his order at the lake head. The grain was grade 1 barley and weighed 48 pounds to the bushel.

Use Minard's for dandruff.