

Interplanetary Trips, Helicopters For Cars Seen Commonplace Within Half Century

Aviation has come far in 50 years. But where does it go from here? Some of the rosiest views of its future come from a man who has figured intimately in its past. That's why The Associated Press asked Alexander DeSeversky to tell what he thinks of aviation's place in the next half-century.

NEW YORK (AP)—Within 50 years, we'll be flying to the moon in 3½ hours, the skies over the earth will be dark with private helicopters, and autos will be as rare as horses are today.

Commercial airlines will fly

at 2,000 miles an hour; mail and freight will be shot around the world in pilotless guided missiles, reaching any point in a few hours; and railroads, buses and trucks will disappear as a means of long-distance transportation.

This vision of aviation's future in the next 50 years is held by a man who had much to do with aviation's first 50 years. He is Maj. Alexander P. DeSeversky, inventor, designer, pilot and author.

The problem of interplanetary travel, he feels, will be solved by atomic-powered craft, not rockets. Rockets will not prove practical, he says, because the pilot cannot control the speed. He would have to start at top speed, which "is like being shot out of a cannon," and remain at that speed.

An atomic-powered plane, DeSeversky says, will have a controllable speed. It will start slowly—relatively speaking—climbing through the earth's atmosphere at between 1,000 and 2,000 miles an hour. When clear of the earth's atmosphere, it will accelerate to a maximum of 130,000 mph about half way to the moon, and then gradually slow down during the second half of the journey. The moon is about 238,000 miles from earth.

"How much travel there will be to the moon and other planets," he says, "depends on what we find there. If those places have natural resources we want, we'll be going back often. If not, they will probably be only a scientific curiosity."

Here are other DeSeversky predictions:

Atomic-powered commercial planes will fly around the world in 12 hours at an altitude of about 100,000 feet. With atomic engines perfected, they will be able to go faster, but greater speeds within the earth's atmosphere will only cause the ship to disintegrate.

The trend in the future will be toward smaller commercial planes. DeSeversky does not share the opinion of some experts that future commercial craft will be big enough to house swimming pools and large dining rooms.

"Since it will take less and less time to get from one place to another, there would be little need for such facilities."

Within 10 or 15 years, helicopters will be cheaper than today's lowest price car. This will be accomplished when jets will be used at the ends of the helicopter blades to propel them like a pinwheel.

This will remove the present need for relatively expensive transmission power.

Within 50 years, there will be about 20,000,000 helicopters over North America "hopping around like fleas," he adds.

"Probably the helicopter 50 years from now will be half-car and half-plane."

"Air traffic will be heavy, obviously. But as radar and other devices are perfected, traffic will be controlled by electronic means. Collisions will be impossible."

Without the element of human error, pilotless guided missiles, travelling at supersonic speeds, will prove not only faster but also a safer, more reliable method of air mail and freight than anything we now have.

"Since we will not have to make provision for human beings," DeSeversky believes, "the craft will be uncomplicated. It can be arranged to weather almost any storm. If, for example, it should drop in the ocean, it can be fixed to float indefinitely."



ROY H. THOMSON of Toronto, president of the Thomson Company, Limited, sits in the Edinburgh office of The Scotsman, after he bought control of the newspaper, one of the oldest in Britain. Mr. Thomson was named chairman of Scotsman Publications, Limited, which operates The Scotsman, The Evening Dispatch and The Weekly Scotsman. The Scotsman was founded in 1817.

BLACKWOOD on Bridge

By EASLEY BLACKWOOD

Right Card as Important In Lead as Right Suit

Here is another hand to illustrate the fact that in defending you must not only lead the right suit, but also the right card in that suit.

Against the three no trump contract Mr. Dale led the four of spades, the five went on from dummy and Mr. Champion false-carded with the ace. He hoped to encourage continuation of that suit by the defenders by indicating that he did not have the queen or 10.

He was wasting his time in this case as it was clear to Mr. Masters that if his partner had held the Q J 10, he would have led the queen, not the four.

At trick two Mr. Champion led the nine of diamonds and let it ride. Mr. Masters won with the king and figured, correctly, that if his side could defeat the contract they would have to take four more tricks right now.

With five clubs in his hand and three showing in dummy, it was practically impossible that Mr. Dale could have enough in that suit to do any good. Hearts looked like the most vulnerable spot and Mr. Masters picked the right card to bring his side four straight tricks.

He led the 10 spot. The "rule"

WIUC Seeks Strike Vote

CRANBROOK, B.C. (C)—Another 1,600 workers in the southern B.C. interior, members of the Woodworkers Industrial Union of Canada, have applied for a government-supervised strike vote, it was reported here on Thursday.

Similar action has already been taken by the International Woodworkers of America, representing 5,000 workers, following rejection by the Southern Interior Lumber Manufacturers Association of a majority conciliation award of a 12½-cent hourly wage increase.

The WIUC represents employees of about 26 Kootenay logging operations and sawmills.

When you think of Travel

THINK CANADIAN NATIONAL!

If you're going places—whether for business or pleasure—to any destination near or far, keep us ever in mind. For Travel is our business—travel in Canada, United States, West Indies, Europe, etc. We'll be glad to help you with your plans, and will do our best to make your trip a pleasant one.



For information, call or write:
K. L. ROBERTSON, G.A.P.D.,
528 Third Ave. West,
Prince Rupert, B.C. Phone 260

Polio Vaccine 'Perfected'

MIAMI, Fla. (AP)—Perfection of an experimental polio vaccine to a point justifying inauguration of plans for country-wide vaccination tests on hundreds of thousands of children in the United States, perhaps early next year, was announced today.

It's the vaccine whose development first was announced last spring by Dr. Jonas E. Salk of the University of Pittsburgh, working under a March of Dimes Polio Fund grant.

It was disclosed that additional preliminary research on humans since last spring has greatly strengthened hopes for the vaccine, and that it's also been found possible to improve it and to produce it in a variety of forms, each of which may have particular advantages in the fight against the great crippler.

Dr. Salk made the historic announcement that science has at last achieved a material safe, potent and promising enough to be put to the acid test of determining whether it protects against the disease under natural conditions of exposure.

He told the American Academy of Pediatrics in a prepared paper that the vaccine—early proven to be capable of preventing polio in experimental animals—has now been tested in 637 humans, including 15 described in his original report last spring.

Two Tried On Drug Count

VANCOUVER (C)—Two men were acquitted Thursday in assize court on a charge of offering narcotics for sale.

The jury added a rider to their verdict saying that the case against the pair, George Eldridge and Lawrence Bell, should never have been brought to court.

The men were charged with offering to sell drugs to RCMP Constable Gerald M. Howe, young undercover agent whose investigation led to the arrest of a score of men and women here last April.

WORLD PEACE Chop Suey House

909 Third Ave. West
Phone Red 878

SPECIALIZING CHINESE DISHES

Orders To Take Out
Open 6 p.m. to 3 a.m. Daily



DINING PLEASURE

in SPARKLING NEW SURROUNDINGS
Commodore Cafe

LONDON (CP)—When a black cat walked into a public house in Battersea and gave birth to kittens, patrons gave it a lot of whisky before animal welfare inspectors collected the family.

Average annual temperature at the weather station at Alert Bay, Ellesmere Island, is one below zero.

The forbears of Canada's mos and Indians are believed to have come from Asia thousands of years ago.

OUT OF THE PEACEFUL HEAVENS—comes a menace beyond all imagination

INVADERS FROM MARS

Today to Saturday Shows at 7:00 and 9:05 p.m.

TODAY and SATURDAY

THE BROADWAY SPARKLER IS THE SCREEN'S MUSICAL GEM OF EMERALD

JANE RUSSELL MARILYN MONROE

HOWARD HAWKS' Gentlemen Prefer Blondes

TECHNICOLOR

Charles Coburn

TOTAL A Famous Players Theatre

Evenings 7:00-9:05
Mat. Sat. 2:00 p.m.

Admission Prices
Adults 75c
Students 50c
Children 25c

Ballet Slippers...

FOR THOSE CIVIC CENTRE DANCING CLASSES.

Small \$9.75 pr. Misses \$9.95 pr.

Fall Purses... New selection of styles and colors From \$1.95

Pumps... with Cuban heel in black and brown From \$8.75

FASHION FOOTWEAR

Wallace's Sale WHITE GOODS

BEST Price! Quality! Value!

Sale Now On WALLACE'S DEPT. STORE

MODERN AND OLD TIME DANCE—TONIGHT

LEGION AUDITORIUM

Admission \$1.00 Dancing 10-2

Music by THE ROCKY MOUNTAIN BOYS EVERYONE WELCOME

ST. JOHN AMBULANCE ASSOCIATION FIRST AID

An open meeting to organize classes will be held FRIDAY, OCTOBER 9, 8 P.M. at the City Hall

ALL INDIVIDUALS AND GROUPS WELCOME

TAKE A TRIP TO KETCHIKAN TO ALL ALASKA

Via ELLIS AIR LINES

Office Opposite Post Office Phone 266

Have you tried Captain Morgan Recently?

It's richer, robust, full-bodied... blended to satisfy the taste of British Columbians. Try it... you'll like Captain Morgan Black Label Rum.

Captain Morgan Black Label RUM

Fully Aged in Small Oak Casks

THIS ADVERTISEMENT IS NOT PUBLISHED OR DISPLAYED BY THE LIQUOR CONTROL BOARD OR BY THE GOVERNMENT OF BRITISH COLUMBIA

TONIGHT—

"A Stranger in Town"

STARRING Edward Arnold

ONE HOUR OF WONDERFUL ENTERTAINMENT PRESENTED BY FORD of CANADA

8:30 P.M. — FROM RADIO CFPR — 1240 K.C.

BOB PARKER LIMITED

"The Home of Friendly Service"

Your Local FORD-MONARCH Dealer