

A war hero and pioneer flyer takes a considered look at the future and makes some amazing predictions.

ANY ATTEMPT to visualize, within 50 percent of reality, what will be accomplished in the next 50 years of aviation would, in the eyes of his friends, qualify one as a fit subject for a mental hospital. I can speak from experience, because 25 years ago I ventured such a glimpse 25 years into the future.

Although several of my predictions fell short of what actually has taken place, my description of multiengine transports, trans-oceanic air services, wide-ranging high-flying military aircraft, and efficient helicopters sounded to many like the outpourings of an unbalanced mind. But, with this possible indictment vividly in mind, I will make the following predictions for aviation in the next 50 years.

Long before that time has passed, military aircraft, both fighters and heavy bombers, will progress from turbo-jet engines at the speed of sound to the more powerful ram-jet engines that will drive speeds up to 2,500 to 3,000 mph.

Even these will be only stepping stones to rocket-driven guided missiles that will make obsolete our present concepts of fighters and bombers. Carrying a much further developed and more devastating atomic bomb, these war machines will be controlled electronically, and will require human help only for take-off.

Speeds of these nuclear-powered guided missiles will increase progressively from 2,500 mph to 25,000 mph, and will locate their targets with acoustical devices as yet undeveloped.

This, I admit, is an ugly picture, but as man develops his ability to engineer those deadly instruments, the need for them will diminish proportionately. In this fact lies mankind's greatest hope since the beginning of time.

Spectacular as are the developments ahead for

military aircraft, the advance of aviation as the world's primary means of travel over appreciable distances will be equally hard to comprehend.

Transport planes will progressively graduate from today's "giant" aircraft with speeds of 350 mph to veritable air liners, which by 1960 will be cruising high above the weather with silent vibrationless comfort, initially in the speed band of sound, or about 600 mph.

Continuing advances in the development of jet power may move these speeds up to 2,500 mph. Chicago and Miami will be 30 minutes apart. You will be able to cross the continent in about an hour, span the Atlantic in less than two hours, and cross the Pacific in something like four hours.

The application of atomic power to transport aircraft will bring to reality aviation's potential of being man's most economical, and safest, means of travel.

Because of the infinitesimal weight of atomic fuel compared to that of thousands of gallons of gasoline now required for propulsion, the atomic engine will make possible tremendously increased payloads and ranges. This will mean far more efficient aircraft and, consequently, relatively lower and lower cost for the traveler and the shipper.

While these atomic-powered air liners will link major cities over the continent and across the world, helicopters will progress from today's reciprocating engines to jet-power and then to atomic propulsion, increasing in size to carry 50 to 100 passengers, and in speed to the swiftness of our present transport aircraft schedules.

To utilize this advanced means of transportation, cities of any size will zone building heights in their downtown areas and bridge

the streets to make heliports an ideal convenience for the greatest number of people in each community.

Development of electronic devices and control will make the operation of aircraft independent of the weather's caprices.

Finally, in the span of this next half-century of aviation, space ships will become commonplace for interplanetary travel. With luxurious accommodations for 1,500 to 2,000 passengers, they will use atomic power to develop speeds up to 5,000 mph or better with a practically unlimited range. In fact, space ships in the year 2008 will be semi-self-sustaining planets within themselves.

What lies ahead for aviation? Our progress will be limited only by the limits of human imagination. To develop these things and even far greater wonders, man already has God-given intelligence, as well as the capacity for the knowledge they will require.

Yet, unless we can anchor our knowledge to moral principles, science may turn out to be not the guide but the betrayer of humanity.

With aviation's development in the hands of men of good will, we have, for the first time in our long history, the one instrument that can forever eliminate the barriers of time and distance, of ignorance and misunderstanding, which have set men against each other since time began.

In terms of human relationships, these advances in aviation mean that the world is growing progressively smaller. The time is not far off when people of all nations will have the means of meeting and understanding one another, and for eliminating the petty hates and jealousies that breed wars.

For, in the years ahead, every community on the face of the earth will be a port of entry and departure for every other city, town, and hamlet on the vast ocean of air on whose shores every man lives.

Then, instead of being the most deadly weapon man has created, the airplane will truly become the Angel of Peace that God always intended it to be.

# Hay Fever Patients now open Nose-Sinus Zone with New 3-Layer Tablet

Clear, free breathing restored in minutes as congested nasal zone is decongested—stops sneezing, watery, itching eyes

Chicago, Ill. (Special) Observers here are hailing a remarkable new advance against the most unrelenting misery of hay fever—congestion in the nose-sinus zone.

A way has been found to decongest this congestion. This is the central fact which has aroused so much interest on the part of hay fever sufferers who have never found satisfactory relief from other medications.

Up to now, nose drops, eye drops, inhalers, sprays and antihistamines have given some measure of relief. But today you can expect much more complete comfort. This new compound reaches all the congested nasal areas from all sides, through the blood stream. It opens stuffed-up, blocked nasal passages. Free breathing is restored in minutes. Stops unpleasant sneezing; watery, itching eyes are cleared.

### New Tablet Discovery

It took a new kind of tablet—made in three separate layers—

to combine the special ingredients which make this formula so amazingly effective. Among them is a new decongestant substance so effective it has become the single ingredient most prescribed by doctors for relief of congestion in the nose-sinus area.

### Available without Prescription

Now available without prescription—this new 3-layer tablet is called Dristan®. Its unique combination of ingredients—(1) opens up blocked breathing, (2) stops unpleasant sneezing, (3) clears red, watery, itching eyes. At the same time, Dristan helps the body meet the great demands put upon it by the stress and strain of hay fever, and bolsters the body's resistance to infection.

Hay fever sufferers who want faster, more complete relief than they have ever before obtained are advised to try Dristan Decongestant Tablets—satisfaction guaranteed, or money refunded.

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Backache, dizziness, lack of energy, restlessness, getting up nights, may be caused by functionally sluggish kidneys, mild bladder irritation.

For 50 years people have found swift, effective relief with DeWITT'S PILLS. This famous diuretic stimulant 1) flushes congestive waste material out of kidneys;

2) increases circulation of blood through the area; 3) reduces irritation of kidneys and bladder; 4) fights infection and resists reinfection.

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