

# NEW AGE LOOMS FOR AIRCRAFT

## World Progresses Rapidly in One Year — U. S. Planes Fly Most Miles

Editor's Note: William B. Stout, president of the Stout Air Services, Inc., and one of the nation's foremost authorities, herewith, presents a picture of the future of commercial aviation. His air lines, operating between Chicago, Cleveland and Detroit, have carried more than 100,000 passengers in three years without accident or injury.

By William B. Stout, President, the Stout Air Services, Inc. (Written for The Observer and NEA Service)

We are coming to a new age in the air and in transportation. Airplanes now, in this country, are flying 30,000 miles a day, 12,000 miles at night. But the number of airplanes and mileage figures will double next year; passenger lines going up in every direction, speed going up, rates going down, safety greater every day.

In one year today the world progresses further in facts than it did in the entire lifetime of your father. Every few years new industries come in that revolutionize things. The thing that visualizes this most to us is the automobile industry; in this industry of the airplane is going to revise the world far more than it was revised by the automobile.

You hear that Europe leads the world in aviation. We fly more miles in the United States than all the nations of Europe put together. We don't carry more passengers yet, but in another year we will. Our engines are far better. The water-cooled engines are dead; Europe has not learned that yet.

During last summer's air show a pilot flew from Los Angeles to Cleveland in 12 hours. That was more or less a speed stunt. But that will be a slow commercial speed within five years. You will find a commercial plane a very few years hence doing 200 miles an hour in safety.

So far we have been building flimsy. We are beginning to learn how to put real structures into planes, more efficient motors with more power.

We are going to be doing transatlantic mail work with airplanes within three years, I would say, at the outside. We will be doing transatlantic passenger work within five to eight years, maybe less. We will have traffic flying within ten years.

The world will be strung to one-fourth its present size, possi-

bly less, because our speeds are going up so rapidly with new designs. Shortly the airplane will make the same change in your method of thinking of distance that the automobile has made since the horse days.

**Cities Brought Closer Together**  
From the middle west one can now go to the coast in 12 hours, any time one wants to. A plane can be had at any hour. The mid-westerner can go to any city in the country in less than one day. He can get to New York in three or four hours, maybe less. Cities like Indianapolis, Chicago, Cincinnati, Detroit, Cleveland, New York are clustering close together.

Our civilization is going forward as we increase industry, as we increase production, as we give more labor to more men for more money. And the fault of the world in the past is that we have been looking at the financial statement instead of the service standpoint instead of a bearing standpoint. If we go on with the object of giving a definite service we can't fail in making money.

# Women Paying More Attention To Family Car

NEW YORK, Jan. 11 (AP) — The increasing influence of the women folk in the selection and purchase of the family car was one subject of comment this week at the thirtieth annual national automobile show.

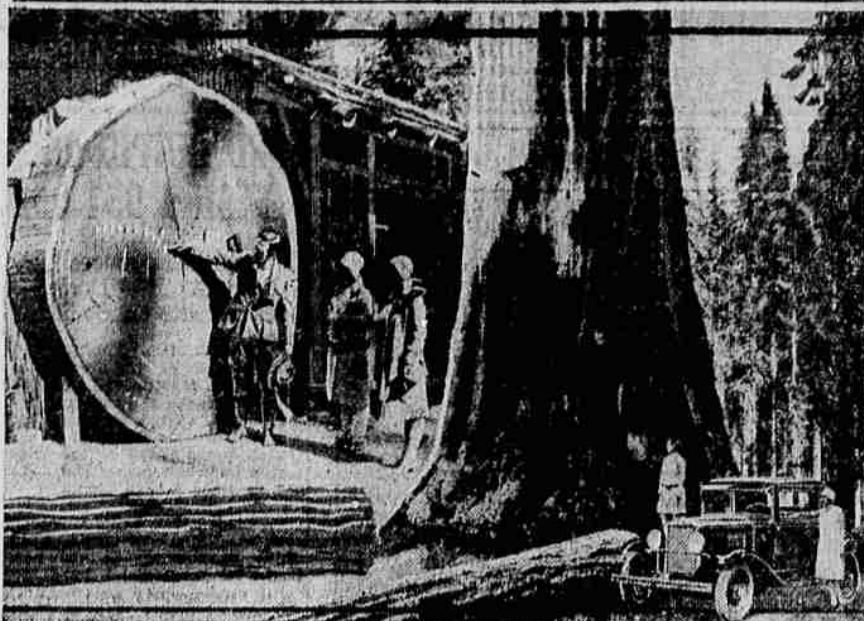
Women made up about half of the crowds which visited the show Tuesday, officials estimated, and displayed lively interest not only in line and finish, upholstery fabrics and appointments, but also asked intelligent questions about engines and brake performance.

Feminine preference in finish, salesmen said, seemed to be for the more subdued shades, although harmonizing tones attracted much attention. Their questions also indicated particular interest in gear shifting and brakes and other points conducive to ease of handling in traffic.

**No Danger of Slump**  
Henry and Edsel Ford were among the leaders of the automotive industry who attended the annual banquet of the national chamber of commerce. The vice president of the Willys-Overland company, the principal speaker, said there was no danger of a slump in 1930 but that changes in the industry were necessary.

"A more conservative production schedule will be an outstanding feature of the industry this year," he said, adding that increasing export trade will help.

# Giant Sequoias Attract Travellers



The awe-inspiring immensity of the giant sequoias in the Sequoia National Park is one of the main reasons why so many have visited the park this year. The two young women, standing on either side of the Chevrolet coupe, are viewing one of the great trees of the park.

# 25-Year-Old Prophecy Describes Automobiles' Fate — Not Far Off

In view of present congestion almost everywhere in the United States, a recently unearthed forecast made 25 years ago regarding the future of automobile is a bit humorous in spots. The interesting prophecy is rescued from the old files of the Oregon State Motor association.

The funniest part is the prophecy that the automobile "is the key to the problem of over-congested traffic in our city streets." Not only would the space now occupied by horses be saved and the streets be made sanitary, but the motor truck would draw the load in half the time, thus more than doubling the width of the streets.

Although the prophet missed it badly regarding the motor vehicle reducing the over-congested traffic, he hit it off pretty well when he said "it will free the horse from the burden of drudgery." Since many children of today only

see the "best friend of man" when the animal is all befuddled and bespangled for horse shows, it seems evident that the horse has been relieved of the drudgery of a quarter of a century ago.

Another part of the prophecy that seems true was "through standardization cars will be built within the reach of workmen. The latter may then live in the country amid the trees, the flowers and the birds." It was also stated that the automobile was becoming "invaluable to the physician, the fireman and every class to whom it is important to travel rapidly." No mention is made of college students or youngsters making "whoops" but possibly these were not anticipated 25 years ago.

**Patrons of Windmills**  
PARIS (AP)—France has a Society of Friends of Old Windmills which preserves old mills for landmarks.

auto shows January 15—Louisville, Harrisburg, Pittsburgh, Baltimore, Detroit, Hartford, Brooklyn, Los Angeles and Montreal.  
The other shows:  
January 26—Hartington, W. Va., Rochester, N. Y.  
January 25—Chicago, Cleveland, Ohio, Washington, D. C., Columbus, Ohio.  
January 27—Wilkesbarre, Pa., and Portland.  
February 1—San Francisco.  
February 9—Ottawa, Ont., Toledo, Syracuse, Wichita, Kas., Cumberland, Md.  
February 4—St. Louis, Peoria.  
February 8—Kansas City, Allentown, Pa., Los Angeles.  
February 10—Indianapolis, Denver, Cheboygan, Mich.  
February 12—Mankato, Minn.  
February 15—Providence, R. I.  
February 17—Omaha.  
February 20—Phoenixville, Pa., Holyoke, Mass.  
February 22—San Francisco.  
February 24—Des Moines, Camden, N. J.  
February 25—Seattle.

# BEFORE MIDNIGHT

**SUNDAY PROGRAM**  
The National Broadcasting company program for Sunday follows: 12 to 1 p. m. youth conferences; 1 to 2, Cathedral hour; 2:30 to 3:30, concert; 4, Musical Musketiers; 4:30 to 7:15, musical programs; 7:15, popular numbers; 9 to 9:30, novelty; 9:30 to 10, Roadster's guide; 10 to 11, The Gay Classics.  
The Columbia Broadcasting system program for Sunday follows: 4 to 4:30, Our Romantic Ancestors; 4:30, French trio; 5:30 to 6, Wayne King and his orchestra; 6 to 7, Theater of Air; 7 to 7:30, Foot of Organ; 9 to 12, dance music.  
KVI (760kc) 4, CBS; 4:40 to 9, silent; 9 to 12, CBS.  
Portland  
KGW (620kc) 12 to 9:30, NBC; 9:30, music; 10 to 11, little symphony.  
Spokane  
KHQ (590kc) 10 a. m. church program; 12, NBC program.

**Oakland**  
KGO (790kc) 4, NBC; 5, Opera of the Drama; 6, news service; 6:45, songs without words; 7:45, little symphony; 7:45, NBC; 7:45, novelty program; 8:15 to 9, Philgrims; 9, NBC.  
KLN (830kc) — Silent Sunday.  
Los Angeles  
KNX (1050kc) 8, Talk, Dr. Holmes; 8:30, talk, Dr. Abel; 7, musical programs; 8, Presbyterian church; 9 to 10:30, Laboviski trio; KHJ (900kc) 6, CBS; 7:30, musical programs.  
San Francisco  
KPRC (610kc) 6, CBS; 9 to 12, dance music.  
KPO (680kc) 5:15, NBC; 7:15, musical programs.  
Denver  
KOA (320kc) 5:15 to 11, NBC programs.

**MONDAY PROGRAMS**  
NBC: 5 to 5:30 a. m. Happy Time; 10:30, Woman's Magazine; 1:30 to 2:30, Variations; 2 to 3:30, 3, 11, 8, choir and organ; 4:45 to 5, Back of news in Washington; 6 to 6:30, concert; 6:30, family party; 7, musical program; 7:30, Empire Builders; 8, symphonies; 8:30, Amos and Andy; 8:45, Ole and the girls; 9, concert; 10, Through my fireplace; 10:30, Music Box.  
CBS: 8 to 10, Blue Monday Jam-boree from KPAC; 11 to 12, dance music.

**Tacoma**  
KVI—4, tenor, blues singer, 6:30; 4:40 to 9, silent; 9, CBS; 10, 800, readers; 11:10 to 12, CBS.

**Oakland**  
KLN—5:30, piano; 6, concert trio; 7, news; 7:30, musical programs.  
KGO—5, Moment Musical; 5:45, news; 6, NBC; 8, quintet; 8:30, NBC; 11 to 12, dance music.

**Portland**  
KGW—8, NBC; 9, news, cooking school; 10:30, NBC; 12, musical programs; 1:30, NBC and musical programs; 10, popular music.

**Spokane**  
KHQ—8 a. m. NBC; 9, musical programs; 10:30, NBC; 11:30, features; 4, concert; 6, NBC programs; 12 to 1, popular program.

**San Francisco**  
KPRC—5:30, musical programs; 8, Blue Monday Jam-boree; 10 to 1, dance music.  
KPO—6, salon orchestra; 7, popular music; 8, NBC; 10, dance music.  
Salt Lake City  
KSL—6, NBC; 8:45, musical features.

**Denver**  
KOA—6, NBC; 8:45, features; 9 to 11, NBC.  
Los Angeles  
KHJ—6, organ; 6:30, musical programs; 8, CBS; 10, news; 10:05, dance music; 12 to 1, organ.  
KNX—6, organ 6:30, string ensemble; 7:30, one-act play; 8, Laboviski trio; 9 to 10, features; 10 to 11, dance music.  
"The sedan," he says, "was parked at the side of the road, and as I drove near I could hear noises of a struggle within. I could hear a rustle, probably of silk, and the muffled panting of a man. The body of the car swung slightly to and fro. I heard a curse, and then, again, the muffled panting. I crept softly around to the side, looked into the window, and saw—  
"A man trying to fold a road map the same as it had been!"

A complicated traffic tangle was caused recently by a lady motorist who signaled that she was about to turn to the right and did so.

Gold Digger I: Would you marry for money, Doris?  
Gold Digger II: I don't know, but I have a secret wish that Cupid might shoot me with a Pierce-Arrow.

Sandy bought two tickets for a raffle and won a Studebaker. His friend rushed up to his house to congratulate him, but found him looking miserable as could be.  
"Why, mon, what's the matter w' you?" he asked.  
"It's that second ticket. Why I ever bought it I canna imagine."

A motorist driving through a small country town, was pulled up for excessive speed.  
"Didn't you see the notice, 'Dead Slow'?" asked the policeman.  
"Of course I did, but I thought it meant your town!"

"Papa, what do you call a man who drives a car?"  
"It depends on how close he comes to me."

"Where has your car been for the last two weeks?"  
"I'm having a one-day paint job done on it."

"I may not have a little fairy in my home or a little miss in my car," allowed Oscar the Operator, as he started home; "but I certainly have a little made in my cellar."

# Auto Industry Sets 47 Shows For 2 Months

NEW YORK (AP)—Forty-seven automobile shows will be held in January and February.  
The national auto show, which started January 4 in New York, was the first on a list prepared by the American Petroleum Institute for the information of its members. Next came East Orange, N. J., on January 6.  
Buffalo, Philadelphia, Newark, N. J., and Milwaukee have selected January 11 and the show in Cincinnati will begin January 12.  
Eight cities in the United States and one in Canada will inaugurate



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# On the coldest day TEXACO starts instantly!

Dry gas is as essential to an engine's best performance as a dry frozen surface to the speed of a hockey game.

The new and better Texaco Gasoline is dry. It forms a completely vaporized mixture of gas and air. It springs into action instantly for a quick winter start and as the engine warms up gives an astonishing response to the accelerator.

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Drive to the Texaco pump for a fill of this new and better gasoline. Then put your engine through its paces. The new and better Texaco is a "star performer."

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# The NEW and BETTER TEXACO GASOLINE

1. A wet gas is an atomized mixture of gasoline vapor in which are suspended drops of raw gasoline.
  2. These drops of raw gasoline form an uneven mixture which resists the spark.
  3. Result: Destructive crankcase dilution, difficult starts—a sluggish motor.
1. The new and better Texaco vaporizes so readily that it forms a dry gas—so active mixture of gasoline and air.
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THEY BUY

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65 HORSEPOWER  
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INTERNAL 4-WHEEL  
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ABSORBERS

Never before has a car in the Willys Six price class afforded such a high degree of luxurious transportation.

Place your order now for this record value—

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Beauty, speed and power beyond its price!

SEDAN DE LUXE  
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**\$355**

Completely equipped. Balance in 12 easy monthly payments. List prices \$495 to \$595. Prices in L. Toledo, O., and specifications subject to change without notice.

Already the Willys Six is hailed by an enthusiastic motoring public as one of the outstanding new car offerings of the year. The low lines and harmonious color combinations reveal a finer concept of tone and dignity for inexpensive cars.

The high compression motor of the Willys Six is rubber-insulated against vibration and

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