

AIR DERBY WON BY ART GOEBEL

Noted Flyer Performs Well in Favorite Role of Distance Aviator

CINCINNATI, Sept. 22.—(AP)—Art Goebel accomplished his specialty again today. He won another air derby.

Goebel whose home is in Los Angeles further established himself as a premier non-stop flyer when he won the Los Angeles-Cincinnati non-stop air race here today.

By finishing first, Goebel won \$3,000 cash prize, a leg on a \$5,000 gold trophy and a \$1,000 golden replica of the trophy.

Goebel only had one competitor in his flight, Emil Burgin, Mineola, N. Y., whose whereabouts was unknown tonight. Burgin took off from Miles Field, Los Angeles, an hour earlier than Goebel yesterday, but the New York flyer did not have as speedy a ship as the California airman. Goebel's plane was capable of making 190 miles an hour, while Burgin's had a maximum of 120.

Soon after landing his Lockheed-Vega monoplane, "Yankee Doodle" at Lunken airport here, Goebel, victor of the Dole flight from San Francisco to Honolulu and holder of the non-stop flight record from California to New York, was presented with the golden trophy he had won.

Harry Tucker, Los Angeles, backer of Goebel's flight and owner of the "Yankee Doodle" accompanied the pilot. Both said they experienced good weather, but had not sighted Burgin anywhere along the route.

The last word in impossibility is to be that you couldn't make a milk purse out of a sow's ear. Nowadays a genius can make a reputation out of a noise.—Arkansas Democrat.

Single Audio Stage Sure To Give Quality in Tone

By C. E. BUTTERFIELD
NEW YORK Sept. 22.—(AP)—Reproduction of radio music is more realistic when passed through but a single stage of audio amplification.

By careful design a one-tube amplifier with a power tube will provide sufficient volume for home use without the chances of distortion that a second audio stage tends to introduce. The principal requirements is that the detector have sufficient output to give the audio tube a chance.

For some time experimenters have been building sets with the second audio stage omitted, endeavoring to build up the signal with more stages of radio frequency. The better results obtained also have led some receiver manufacturers to adopt the same method.

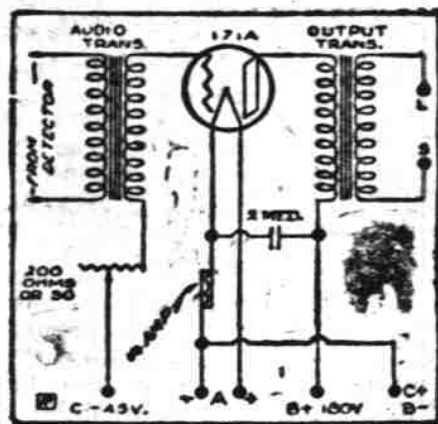
To get the best output good material is required. The audio transformer must be one that will pass practically all of the voice frequencies. An output transformer should not be omitted.

The parts required besides the audio and output transformers consist of a socket, a 2 mfd. bypass condenser, a quarter ampere fixed resistance, a 200-ohm light duty rheostat and a 171 A tube.

A breadplate is placed in the C battery lead and is used to determine the correct bias for the tube so that it will work at its peak. A 2-mfd. bypass is connected across the B battery leads. Filament control is through the quarter ampere resistance.

The unit may be mounted in a small cabinet, with connections provided on a small panel for plugging into a tuning system.

Los Angeles announced during the excitement of the Hickman crime that it had raised \$100,000 for a reward for the murderer's captor. It developed that it had about \$27,000. Does Los Angeles estimate its population on the same ratio?—Albany Democrat-Herald.



Scientific volume if the detector output is high. The wiring diagram includes a rheostat in the C battery lead for adjusting the grid bias.

THREE PROMOTIONS IN OREGON GUARD

Three important advancements in the commissioned personnel were announced today by Brigadier General George A. White, commander of the Oregon National Guard. The officers concerned are Major Amos O. Waller of Eugene, Lieutenant Joseph M. Wackrow and Lieutenant Alvie L. Merrill, of Portland.

Under General White's order, Major Waller becomes a lieutenant colonel with the assignment as Chief Signal Officer of the 41st division. Colonel Waller is a prominent surgeon in Eugene and has been a member of the Oregon National Guard since 1917 when he was commissioned a first lieutenant in the medical corps. He served overseas during the war. He reentered the National Guard upon his return from France and was advanced to the grade of captain and then major with the assignment of surgeon of the 186th Infantry. Colonel Waller

is a graduate engineer as well as a surgeon.

Lieutenant Joseph M. Wackrow becomes a captain with the assignment of state finance officer vice J. N. Helgeson, recently discharged.

Captain Wackrow's service in the National Guard dates back to 1913. He served on the Mexican border as a second lieutenant with Troop A of the Oregon cavalry. He was made a first lieutenant in July of 1917 and went overseas with the Oregon cavalry, which was converted into field artillery. He served during the World War on several fronts in the capacity of artillery observer attached to the air service. For the past two years Lieutenant Wackrow has held the assignment of aide to General White.

Lieutenant Merrill receives the assignment of aide-de-camp, vacated by the promotion of Captain Wackrow. Lieutenant Merrill also served overseas during the World War, his assignment being in the 263d Ambulance company. He received his commission in the officers' reserve corps in 1924 and entered the Oregon National Guard three years ago.

CUBANS TAKE TO WATER HAVANA (AP)—Cuba has displayed newly awakened interest in water sports and is developing a market for fast water craft, both large motor boats and smaller ones for use with outboard motors. Agencies are springing up, especially at Cienfuegos, Santiago de Cuba, Cardenas and Matanzas, all handling American products.

ELSINORE
COMING SOON

CECIL B. DE MILLER'S
KING OF KINGS

\$58,000 Stock of Pianos, Phonographs, and Fixtures. The Entire Stock of Bush & Lane Co. Portland, Oregon Will Be Closed Out

WE PURCHASED THIS MERCHANDISE AT JUST A FRACTION OF THE REGULAR PRICE. NEVER BEFORE AND NEVER AGAIN WILL WE BE ABLE TO OFFER SUCH LOW PRICES ON HIGH CLASS PIANOS AND PHONOGRAPHS. EVERY PIANO AND PHONOGRAPH BEARS OUR GUARANTEE OF SATISFACTION.

TWO BIG PLAYER PIANO OFFERS

No. 1 at \$195

No. 2 at \$215

This beautiful Piano Bench and ten Player-Rolls, which you may select, are included free with this remarkable Player Piano which brings the finest artists right into your home to play for you whenever you wish. \$10 down \$7 month

Here is the other special Player Piano offer you should investigate: Piano Bench, player rolls, and 10 rolls of music—all included in the special price. \$10 down—\$8 a month

39 BUSH & LANE MADE PLAYERS

Regular Price \$650 to \$750
All woods and finishes

\$335 each

Pay Only \$15 Down \$10 a Mo.

Seven New Grands

\$685 Values

\$445 Each

TERMS ONLY \$15 DOWN
BALANCE \$12.50 PER MONTH

Upright Reproducing Pianos, \$1050 regular price, now only **\$475**

KIMBALL	\$ 55	SCHULZ	\$295
STARR	85	SCHAFF	145
CALLARD	35	EMERSON	125
MARSHALL	85	LEXINGTON	155
GILBERT	125	Hallet & Davis	150
VOSE	165	HARDMAN	195
A. B. CHASE	175	BAILEY	165

SPECIAL

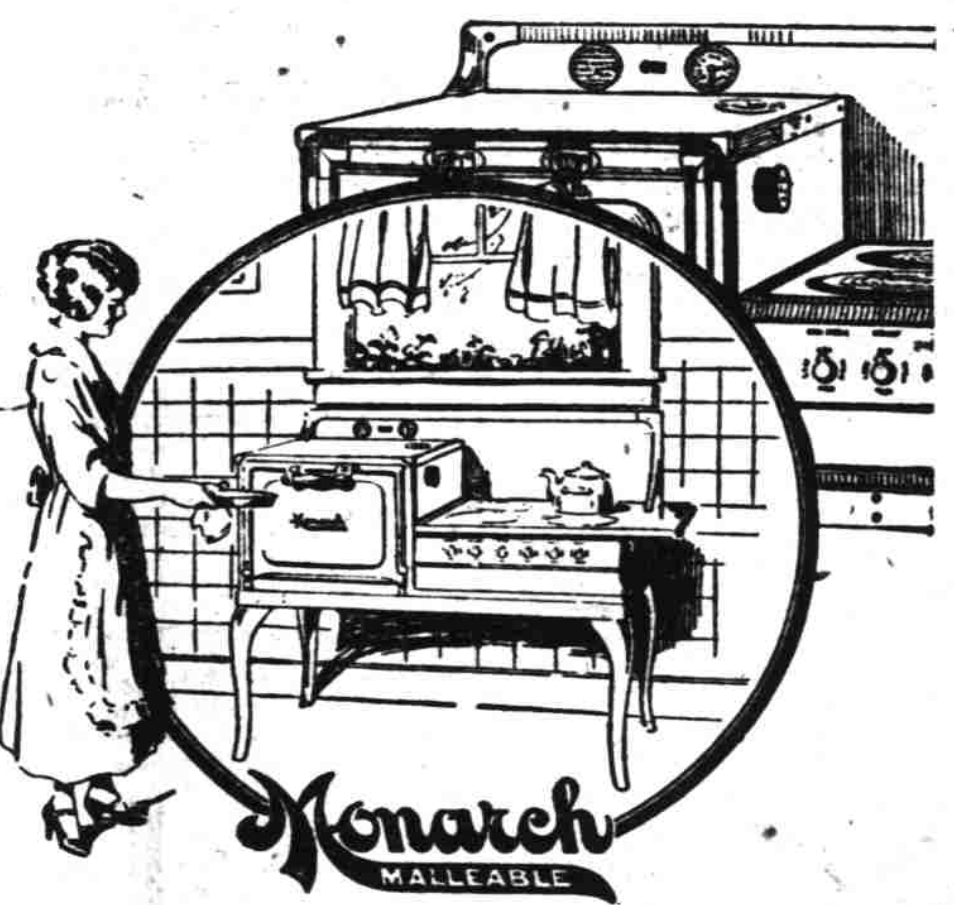
For Monday and Tuesday \$2300 Reproducing Grand Piano, bench and stool and 25 rolls Will accept old piano as down payment

Only One **\$850**

For Those Who Want the Best --in Cookery and Home Convenience

You are particular about the food you buy—careful in its preparation—what about the equipment used for this purpose? The best materials can be made to produce poor results if incorrect tools or inefficient methods are used.

The MONARCH Electric Range combines electric convenience with the high quality standard to which all Monarch Ranges have been built for the past quarter century. The many structural features have been designed to help the modern housewife prepare meals for her family in the most efficient and satisfactory manner.

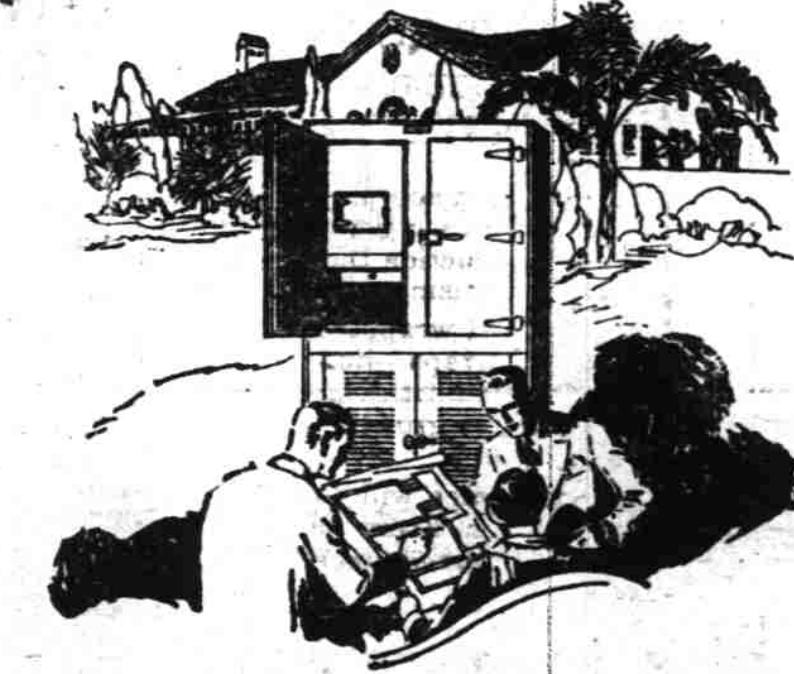


- Malleable Construction
- Rust-Proof Aluminum Ovens
- Radiant Type Speed Units
- Asbestos Cell Oven Insulation

Automatic Time and Temperature Controls are a few features worthy of your consideration when choosing an electric range.

Monarch SEE THE SPECIAL DEMONSTRATION **Monarch**
AT THE STATE FAIR THIS WEEK

To make the Modern Home Complete



Electric refrigeration for the modern home is no longer an experiment, but a proven fact.

Just as important as the preparation of food for the family use, is its proper preservation, in order that it may reach the table in just the right condition.

Only when you have one do you realize the advantages of an Electro-Kold. No owner would give it up. The operating cost is so small as to become an actual economy when one figures the savings effected in food that is not wasted, and the added convenience of having ice for all purposes always at hand.

Every style Electro-Kold for home and commercial use will be on display at our booth at the State Fair, be sure to see them this week.

ELECTRO-KOLD
Since 1922 - The simplest electric refrigerator

C.S. Hamilton FURNITURE CO.
340 COURT ST.

Rugs
Linoleum
Draperies

Kroehler
Living Room
Furniture

PHONOGRAPHS

BRAND NEW IN BOXES IF YOU PREFER — LATEST STYLES

	Month	Down		Month	Down
\$ 95 Orthophonic	\$65. Pay \$5	\$5	\$300 Orthophonic	\$187. Pay \$10	\$10
110 Orthophonic	\$75. Pay \$5	\$5	300 Vivatonal	\$187. Pay \$10	\$10
125 Orthophonic	\$80. Pay \$5	\$5	300 Panatrop	\$187. Pay \$10	\$10
185 Orthophonic	\$95. Pay \$5	\$5	300 Edison	\$187. Pay \$10	\$10

\$5 Down \$5 a Month
BUYS ANY USED PHONOGRAPH

\$125 Columbia	\$20	\$125 Pathe	\$25
\$150 Victrola	50	\$150 Edison	50
\$100 Victrola	35	\$200 Edison	55
\$225 Victrola	55	\$300 Edison	187
\$275 Victrola	60		

Our present store will not accommodate this extra stock. We are occupying an additional store also, until this stock is closed out. On sale at both stores: 157 So. Liberty and 432 State St.

NOTE BOTH STORES **Geo C. Will** NOTE BOTH STORES
432 State and 157 So. Liberty