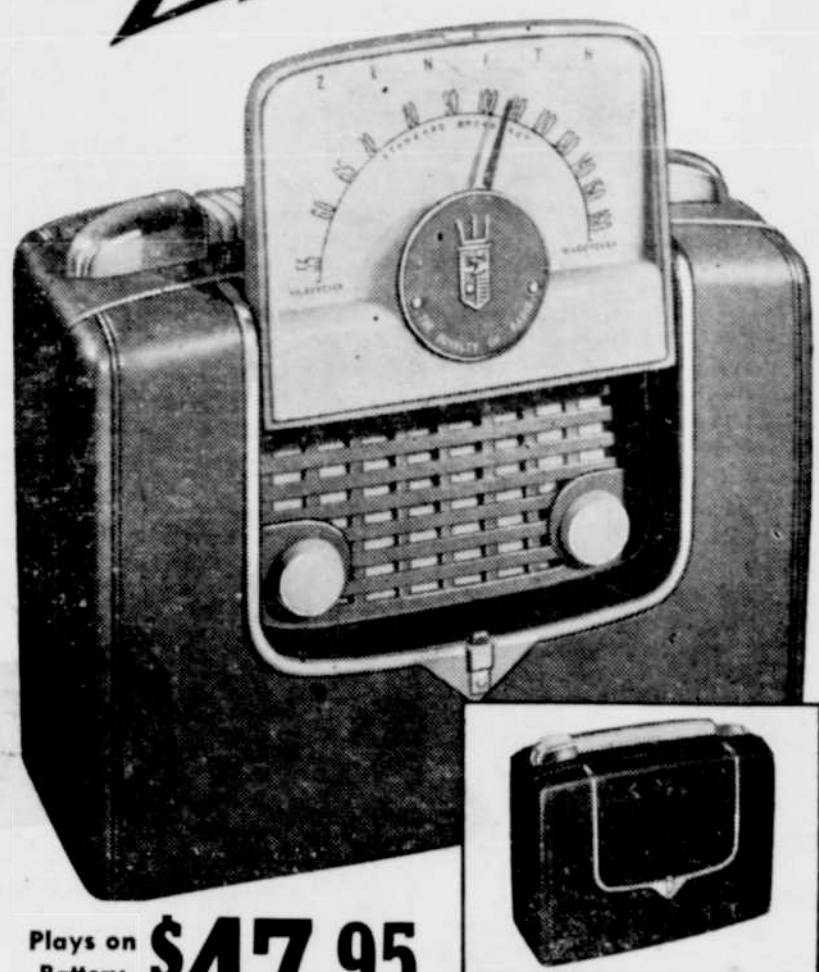
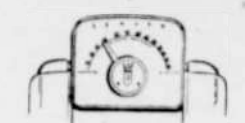


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BY **ZENITH** The World Leader in Portable Radios!Plays on Battery AC, DC **\$47.95**

"Tip-Top" Dial — biggest ever in a portable



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Open lid—set's on. Close lid—set's off.

• New "Tip-Top" Dial and Wavemagnet!

Swing the lid up—there's the dial, actually above the set, for tip-top tuning ease! Wavemagnet inside the lid tips up, too—for maximum "signal-catching" efficiency. You get tip-top reception anywhere—on the porch, at picnics, in any room!

• New, Big, Rich Tone!

Has Zenith-built Alnico 5 speaker for exquisite tone with powerful volume. And the cabinet is built like a skyscraper, fully enclosed to protect dial and grille. "Flexo-Grip" handle snuggles down when not in use. Set comes in smart ebony or two-tone blue-grey plastic. Only 8½x5½x11½ inches. Nothing else like it. Come in—see and hear the proof!

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TIPS from a CHAMP
HOW TO BUILD MODEL AIRPLANES
by Ronnie Thorsen

Editor's Note: Fifteen-year-old Ronnie Thorsen of Portland has been bed-ridden most of his life with recurrent attacks of rheumatic fever. But that hasn't dampened his enthusiasm for model airplane building which he does with such skill that last year his plane, flown by a friend, took first place in the junior division of the Plymouth International Model Plane Contest at Detroit against a field of several hundred contestants. With plans for another entry this year, Ronnie tells in this series of articles how to get started in one of the fastest growing hobbies in the nation.

CHAPTER TWO

POWERING YOUR PLANE

When I originally became interested in model planes as a hobby, I didn't think much about building planes that actually flew. My first models were of the solid type. I spent hours carving scale models complete to every detail I was able to put into them. Some of these managed to bring me a few awards. As I got more into model work, gradually I got the urge to make planes that could take to the air. Most modelers, I think, soon get this same feeling. There are new problems to worry you when you get into constructing flying models. It is best to begin with the simpler designs such as gliders. They give you the first principles of flying that carry on to the most complicated designs. But modelers just don't stay with gliders long. They go on to designs that stay in the air by some means of powering.

My first attempts at flying were made with the simple all-balsa stick type planes that make use of the twisting effect of rubber to rotate the prop. This type of plane is simple in construction and flies well. More complicated rubber powered craft still use the same principles of flying, although wings and fuselage may be built up with ribs and bracing, covered and built to scale. Many hours of flying fun can be yours with these planes.

For a few tips on rubber powering, remember that common rubber bands are not suitable for your plane. Ask your hobby dealer for either T-56 or English black rubber. Remember that it's a good idea to lubricate the rubber, using a mixture of equal parts tincture of Green Soap and glycerine. Your corner drug store can mix this for you.

Modelers have worked out several ways to wind their rubber powered jobs. Smaller planes can be wound by twisting the prop by hand. Many use devices made

from hand drills which fasten to a loop on the prop hub or shaft. By rotating the hand drill, a modeler can wind his plane in short order.

The next step in model designs usually make use of gas-powered engines and jet engines. To get started in this class of plane, I think it would be smart to use a small glow-ignition engine having a displacement from .020 to .040 cubic inches. They are small enough to fit into medium size models. They don't cost much, and they're easy to operate. Remember to follow instructions that go with the engine, and get a prop of the right size as recommended. You'll need a 1½ volt doorbell battery for ignition to start the engine plus some wire to connect it to the battery. Then mount it securely on a block and break it in before installing it in your model.

Another small engine popular with model makers is a type operating from pressure contained in CO2 fizza bottle cartridges. There are gadgets made to connect the cartridges with the engine by means of small tanks and tiny copper tubing easily placed in your model design.

Later, after you have built and flown the primary models using these small engines, you will probably want to go on building bigger free flight stunt and speed models. Some of these take engines up to .600 cubic inches.

One of the recent new methods worked out for driving model planes is the jet engine. Working just like real jet engines, these tubular units really fit in nicely with streamlined, modern designs and are becoming popular with builders all over.

Powering is really one of the most fascinating parts of model making. The big state-wide contest sponsored by the Plymouth dealers of Oregon and held at Eugene July 16 and 17 showed examples of all plane types, using all methods of powering.

NEW SCHOOL BUS REGULATIONS

New school bus regulations adopted by his office and now in effect apply only to vehicles of more than seven passenger capacity, Secretary of State Earl T. Newberry pointed out today. The statement was prompted by many requests for clarification from smaller school districts.

The regulations allow issuance of special permits for operation of converted station wagons or similar vehicles under conditions where regular units are not feasible, provided they are inspected and approved for safety requirements and do not carry over 12 pupils.

Newberry emphasized, however, that these regulations do not apply to many such vehicles now in use because their passenger capacity is seven or less.

Districts in doubt as to whether

their vehicle will be subject to the new law may use the following rule of thumb for determining passenger capacity:

Measure seat space, including that of the driver. Allow 13 inches of space per passenger. If space on this basis will accommodate more than seven including the driver, the vehicle must be inspected and an operating permit obtained.

U. S. NAVY MAN

"Billy" Springer, son of Rev. and Mrs. G. Springer is home from the navy. He has been in the service for some time.

ARCH CAPE WEEK END

Mr. and Mrs. Elmer Stipe, Mr. and Mrs. Robert Summers and Mr. and Mrs. Jay Gibson Sr., spent the week end with Mr. and Mrs. John Huntley of Arch Cape near Cannon Beach.

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Young Republican Blasts CVA Idea In Kiwanis Talk



Donald C. Walker

"No one should make up his mind on the current CVA controversy before first carefully reading the proposed CVA bill," declared Donald C. Walker, Portland attorney, in addressing the Beaverton Kiwanis club Wednesday, July 27.

"Too many of us rely on someone else's idea to form our opinions on political issues," he continued, emphasizing that citizens in a democracy should take the trouble to inform themselves first hand on such controversial issues as the Columbia Valley Administration.

Walker, who is chairman of the Multnomah Young Republican club, emphasized that after studying proposed CVA legislation, he was convinced that it represented government by man instead of government by law.

"There is an alarming tendency in this bill to fuse the judicial and legislative functions of government, as well as the executive, in the CVA board, a dangerous departure from the fundamental American principle of separation of power and checks and balances," he stated.

Walker pointed to sections of the bill which grant vast powers over the wealth and manpower of the region to this three-man board appointed by the President and responsible only to him.

CALIFORNIA FLY UP

Mrs. Aabling of California flew up for a short visit with Mrs. Jenny Alexander, Mr. and Mrs. Hammer of Portland also were guests on Sunday.

New Life Yours

And now shall cannibals, liars, murderers and such as curse and profane God's holy name become streams of blessing? For you hear Jesus say that from whoever believes in Him shall flow rivers of living water—Bible, John 7:38.

Let the cannibal and the rest believe on Him and then comes the big changeover. Believe and see your life page cleared of all sin. Yes, the page is cleaned since the blood of Christ cleanses from all sin. His blood washes away the sins of your whole life-time. Now the change-over. It comes this way—Since Christ was God, death and the grave could not hold Him. Up from the grave He arose and ascended back to glory and from thence, sent the Holy Spirit to indwell each believer. The saved then become the temple of God. Then as he surrenders himself, the believer becomes a river of living water.

ATHENS, GREECE—"200 to 300 out for prayer meeting last night. And in the villages, non-believers will listen by the hour." So writes K-N-T. Quite true. Men never tire of the old, old story of Jesus and His love—and the new life lived by such as trust Him utterly.

If you and yours would newspaper the Gospel where you cannot yourself go, would be pleased to have a line from you. Write me.

Don Taylor

S. W. McChesney Rd., Portland 1, Oregon. This space paid for by a Seattle family.

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If not pleased. The germ grows DEEPLY. To kill it, you must REACH it. Get TE-OL at any drug store. A STRONG fungicide, made with 90% alcohol, it PENETRATES. Reaches More Germs. Today at Beaverton Pharmacy.

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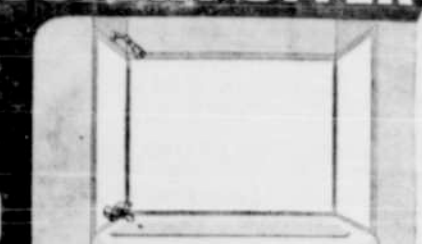
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We contemplate no immediate change in our banking hours, which so far have proven more than adequate to meet the needs of our customers. Your suggestions, comments and criticisms along this line or on any banking service would be greatly appreciated, as SERVICE TO YOU IS OUR PRIMARY CONCERN!

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