

## TRADE COURSES PLENTIFUL HERE

Three Groups Sponsoring  
Defense Studies, Most of  
Them Free.

If you live in Indianapolis, you have every opportunity of learning almost any trade or skill that you can think of.

In most cases, the courses are free, and will be taught in the evenings at each of several City high schools, so that those who work in the day may attend them.

Three different systems are maintaining defense training schools in Indianapolis—the public school system itself, operating the Indianapolis Public Evening Schools; the Federal Government, operating through the public schools, directed by Edward E. Greene, and Purdue University, working with Rose Polytechnical Institute.

### Most Courses Free

All of the classes are taught in four City high schools—Technical, George Washington, Manual Training and Crispus Attucks.

All courses are free except those operated by the Indianapolis Public Evening Schools, for which the tuition is three or four dollars a course.

The Public Evening Schools courses entered their second series with registration this week. This program is under the direction of John A. Mueller, in charge of Special Youth Services in the school system.

### Ready for New Term

The Federal Defense Training Schools will register students for the new term at 7 p.m. today and tomorrow at the lunchroom of Technical High School and at the office of Crispus Attucks High School.

Registration for the Purdue-Rose Poly courses will be taken at 7 p.m. today at each of the four schools, or afterward at the schools' offices at 214 Big Four Building.

It is impossible to estimate the total number of those now being trained by these different agencies, since students are constantly being called to work before their courses are completed. The turnover in some cases reaches 100 per cent during the life of a 12-week course.

### 24-Hour Operation

The shops in these schools are running almost 24 hours a day, because high school pupils are being trained in the daytime, after which the first shift of adult students moves in, sometimes as early as 4:30 p.m.

The classes are of two and three hours' duration and the shifts run until 7 a.m., when the first high school pupils take over.

Demands on students in the Federally operated courses have been so heavy that Mr. Greene is attempting by this latest registration to build up a pool of 1000 persons, who can be inducted into the classes as trained students are hired into industry.

The Federal course is entirely defense-machine shop work; mechanical drawing, machine tool design and the like.



FIXED MONTHLY PAYMENTS are part of the contract when you buy a home. They can not be raised.

Because you own your home, it can not be sold, requiring you to vacate.

It's smart to buy now, while homes are available. Remember, we can lend you the largest part of the purchase price.

## Kiwanis Installs Officers



## THE INDIANAPOLIS TIMES

### Model Airplanes

## PUSH WORK ON WABASH PLANT

Army Engineer Assumes  
Charge of 53 Million  
Defense Project.

TERRE HAUTE, Ind., Jan. 8 (U.P.)—Army engineers today prepared to rush construction of the \$53,000,000 Wabash River Ordnance plant in Vermillion County with the arrival here of Lieut. Col. Harry R. Kadlec, area engineer in charge, and seven members of his staff.

Representatives of the E. I. du Pont de Nemours are expected later this week. Du Pont will build and operate the plant under Army supervision.

### Asks Co-operation

Col. Kadlec urged upon arrival that area residents give complete co-operation with officials in order to finish construction at the earliest possible date. He also asked for the assistance of local agencies and automobile clubs in area towns in handling transportation and traffic problems.

Citizens of surrounding communities were asked to refrain from discussing progress of the project, and Col. Kadlec requested they adopt a policy of "hearing, seeing, but saying nothing."

**POET LAUREATE WANTED**  
CHARLESTON, W. Va. (U.P.)—West Virginia is in the market for a poet laureate. All persons interested must submit three original poems before Jan. 1, 1942.

### TERMS to SUIT

Mr. Wilcox, son of the late "Howdy" Wilcox of automobile racing fame, handled publicity for Indiana University's entry in the radio contest. Miss Phyllis Wilcox, also of Indianapolis but not a relative, was the Hoosier contestant among girl singers representing nine other universities.

### TERMS to SUIT

## Detachable Motor Mounts Are Heavier, But Advantages Outweigh the Handicaps

By TIM TIPPETT

In building a contest-type gas model, expert builders sometimes skimp on materials to keep the total weight at a minimum.

One problem is whether to have a detachable motor mount which adds weight.

The advantages of a detachable mount, some believe, overshadow its weight disadvantage. They point out the wiring of batteries, coil, condenser and timer may be well soldered into a complete unit, making it possible to remove the engine and its ignition system for inspection.

The added weight of a detachable mount comes with the clips, fittings, or guides necessary to secure the unit in the model's fuselage.

### Difficult Soldering Job

On a ship without a detachable mount, the coil, timer, etc., are built permanently into the fuselage structure and the wiring is soldered in place before the framework is covered. This makes the soldering job a difficult one, however, and in event of motor trouble due to bad connections, it is a major operation to locate the fault and make repairs.

In a highly competitive contest it isn't always the lightest plane which wins, although that is a contributing factor. The flier who can keep his model's engine func-

tioning perfectly for all three of his official flights, usually finishes somewhere near the top prize.

For those fans who are having their first experience with gas jobs, it is advisable to use the detachable mount, because of its simplified wiring and its ease of inspection.

The first motor mount which was removable, appeared on the old EG3 gas model flown to records by Joseph Kovel of New York, some six years ago.

The plane was built like a bridge and weighed all of seven pounds but contestants were allowed a quarter ounce of fuel for each pound of weight in those days.

### Constant Speed Props

Constant speed props are standard equipment on all high-performance, man-carrying planes.

Why not try them on models?

Here's one design and how it works: When the rubber is fully wound, the prop is set at high angle of pitch. As the rubber unwinds and the tension on the prop is lessened, the spring goes back to normal and the angle of pitch is decreased, giving the plane the same amount of power even though the number of winds and strength of the rubber motor has been reduced.

The hub is made from aluminum or brass tubing. The shaft and other wire fittings are formed from

heavy gauge piano wire. The hub, shaft and spring are assembled first after cutting the slots and drilling the holes in the hub. Then the blades, which are carved from hard balsa and fitted with pins, shanks so the wire hooks will hold in them securely, are fitted to the hub.

They should fit rather loosely to permit easy turning. The blades then are placed in the hub and the levers are driven into prelocated holes.

Be certain that both blades are set at the same angle to the shaft and that they are open to their greatest pitch when the spring on the front is depressed. The location of the washer on the shaft behind the hub will determine the amount of movement of the blades and will also prevent the shaft from detaching itself from the hub.

### Favors One Rule Change

Berkeley Bill Effinger, in a guest editorial in "Air Trails" some four years ago, presented his ideas on rules which were adopted pretty generally.

With rules once more in the formative stage, Bill has this to say:

"The rules should be left as they are with only one change. That is, regardless of the length of flight, the highest time credited in an official contest should be five minutes generally."

utes. In my opinion, anybody who can make three consecutive five-minute flights is much better than a contestant who makes two two-minute flights and one 20-minute flight."

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No matter how many medicines you have tried, tell your druggist to give you a bottle of Cremolus with the understanding you must like the way it quickly relieves the cough, permitting rest and sleep, or you are to have your money back.

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ADDRESS \_\_\_\_\_

## HOWDY WILCOX' SON WINS RADIO AWARD

Howard S. Wilcox of Indianapolis, Indiana University senior, has received an award from the General Electric Co. for his work on the "Hour of Charm" promotions.

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**TERMS to SUIT**

# WAREHOUSE Unloading Sale

## \$8,000 STOCK SACRIFICED

### SAVINGS OF 20% TO 40%

**TERMS to SUIT**

**TERMS to SUIT**

**268 SUITES**

We predicted a big living room business in the year 1941... we were wrong and we're willing to admit it. Every one of these suites must be sold now! VELVETS, MOHAIRS, CHESTERFIELDS and others at 20% to 40% OFF.

Our Gigantic Warehouse is packed with merchandise, a great deal of which was bought last spring before the price rise. We must sacrifice this stock regardless of cost or loss to us. Estimate your future furniture needs and save 20% to 40%.

**OPEN EVERY  
EVENING 'TILL  
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**172 SUITES**

Overstocked on Bedroom Suites. All the wanted styles, modern waterfall suites, huge mirror suites with inverted vanity, fine veneered suites and many others. If you are going to need a bedroom suite in the near future, here's your chance to save.

90 Days Same as  
Cash—Otherwise Small Charge.

**300 REFLECTOR  
Floor LAMPS**

Beautiful styles to choose from. Heavy metal standards... Pleated silk shades... Night light in base.

**WILL SACRIFICE**

Large group of Rebuilt refrigerators. KELVINATOR, FRIGIDAIRE and CROSLEY'S included. All Guaranteed!

**400 Axminster &  
Velvet RUGS**

Long wearing Velvets and Axminsters... deep pile rugs for longer wear... Choice of patterns.

**180 TILT BACK  
CHAIRS**

Unsurpassed savings. Choose a fine tilt-back chair for solid comfort. Choice of Mohair, Velvet and other covers.

**31-DINING ROOM SUITES  
470-TABLES (ALL KINDS)  
97-FELT BASE RUGS  
61-CEDAR CHESTS  
94-OC. CHAIRS 34-BOUDOIRS**

**124 BREAKFAST  
SETS**

All styles... solid oak sets and chrome sets to choose from. Your choice of finishes.

**86 INNERSPRINGS  
63 Studios**

You'll save plenty on fine innerspring mattresses during this gigantic sale.

Innerspring studios with arms and back. Many Bed-hi couches with bedding box.

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**164 Odd Beds  
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Moderns, students, knee-hole desks, in waterfall and roped edge designs. We must dispose of them.