

## Time and Space Called Best A-Bomb Defense For Cities of 1 Million

Experts Figure Limit on Casualties To Three Miles Within Area of Burst

The Defense Department has received a blueprint for setting up a vast civil defense program in the event of atomic war. The subject has been worrying officials ever since Hiroshima. Next Congress probably will be asked to do something about it. Because the great majority of casualties would be civilians, not soldiers. This dispatch tells what would happen to the people of a target city. It is based on official reports and on published statements by atomic experts.

By JOSEPH L. MYLER, United Press Staff Correspondent

WASHINGTON, Nov. 24 — There are two absolute "defenses" against the atomic bomb.

They are time and space.

All of us are absolutely safe from the bomb until an enemy gets it and decides to use it against us. It may be a year from now or 10 years before another nation has bombs.

Atomic officials say nobody outside Russia really knows.

And if an enemy gets the bomb—and uses it in war with us—many millions of Americans still will be individually safe, thanks to space.

The bomb is no continent wrecker.

At Bikini, persons aboard ships only nine miles from the burst felt only a slight thump. At a distance of two miles the chances of direct injury would have been fairly slight.

### Nobody Is Safe

And, according to the National Security Resources Board, even the latest thing in atomic bombs, the improved weapons tested at Eniwetok last spring, can kill and destroy directly over a distance of no more than three miles.

But within that three-mile radius, no human being, dog, cat or insect would be safe. Many persons would survive without injury, but none could absolutely bank on it.

Say the target is a city of 1 million. Say the bomb goes off at 2500 feet, the altitude from which it can do the most damage to the greatest area. The Office of Civil Defense Planning says the casualties would number about 100,000.

Thousands will never know the bomb exploded. They will be dead before they know. Among the others, thousands may think they survived without injury because they felt no wound.

But the atomic bomb is not just a bomb. It kills in many ways—in a split second or a matter of weeks. It is a triple-threat weapon, killing with blast, fire and poison.

In the split millionth of a second the bomb floods the target with blinding light and killing multi-million degree heat.

Quickly following are a crushing shock wave and a thousand-mile-an-hour wind. A white-hot fireball expanding from the center of the burst ignites everything inflammable which it touches.

The uprushing atomic cloud mushrooming over the city is followed by a "firewind" generated

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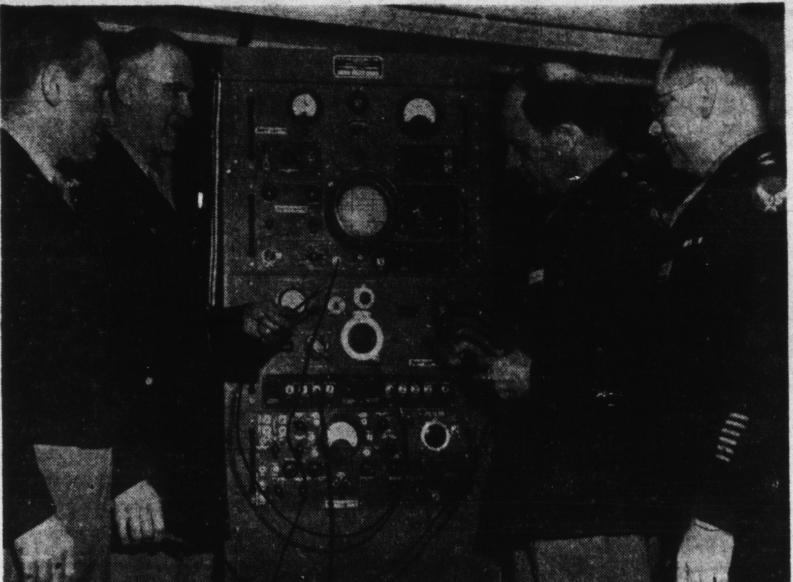
Indianapolis, Ind.—Becker Motors, Inc., 418 N. Capitol Ave.

Indianapolis, Ind.—Roy Gale Motors, Inc., 3815 E. Tenth St.

Indianapolis, Ind.—Snider Auto Service, Inc., 3757 N. Illinois St.

Cumberland, Ind.—Cumberland Garage, Washington Street.

## Big Brass Descends on Air Equipment Show



Stars glittered in the Civil Aeronautics Administration Experimental Station at Municipal Airport when a high-ranking cluster of Air Force brass from Washington, D. C., dropped out of the sky yesterday to inspect the all-weather flying devices being shown by the Radio Technical Committee on Aeronautics. Looking at a complex piece of electronic navigation equipment which will have a part in making flying virtually automatic in years to come are Maj. Gen. L. P. Whitten, F. O. Carroll, G. Gardner and F. L. Ankenbrandt.

## Honesty Just Doesn't Pay —Not to a Virtuous Valet

Chicagoan Finds \$200,000 in 19 Years, But His Biggest Reward Was a Tiny \$20

CHICAGO, Nov. 24 (UPI)—Fred Johnson figured up today that in his 19 years as a hotel valet he has found \$200,000 in the pockets of clothes handed him by customers.

And every cent of it has been returned, Mr. Johnson said. Mr. Johnson found his biggest wad Tuesday—\$23,752 left in a waistcoat by a visiting showman when he sent it to the 43-year-old valet to be cleaned. There was \$5000 in cash and a check for \$18,752.12.

The man handed Mr. Johnson \$20 as a reward. That was the biggest reward he's ever received.

Once, he said, a man gave him exactly \$1 for the \$3500 Mr. Johnson found in his clothes. But that was all right with Mr. Johnson.

"Doesn't make any difference about the reward," he said. "Why some folks have just said 'Thank you' when I gave them back as much as \$500."

"I don't mind. It's the principle. It just wouldn't be right for me to keep any of that money. You've got to be able to live with yourself."

Mr. Johnson said he hasn't found much money in women's clothes in recent years.

"You see the dresses women wear these days," he said. "How in the world could they lose any money in them?"

### Breaks Leg in Fall

W. H. Richards, 310 N. Delaware St., is in General Hospital with a broken leg, received when he fell down a flight of steps Sunday night.

## In Indianapolis

### EVENTS TODAY

Events—7 p. m., IU Extension, 122 E. Michigan St.

Events—8 p. m., IU Extension, 122 E. Michigan St.

## Mother Who Slashed Babies Ruled Insane

WELLSTON, O., Nov. 24 (UPI)—

Mrs. Marcella B. Hudson, 25, was committed to the state hospital for the insane today after she slashed the throats of her two small daughters and attempted suicide in a fit of despondency over the destruction of their home by fire.

Mrs. Hudson cut the throats of

Judy, 3, and Jean, 5 months, with a razor blade and then tried to slash her own throat Monday night.

Doctors said Judy may live but Jean had only a slight chance of recovery. Mrs. Hudson was only slightly injured.

### STRAUSS SAYS:

## Plans Made for Indiana's Own ERP

### Hoosier Food Train To Leave Next Month

Plans for a Hoosier food train for Europe as Indiana's contribution to the Christian rural oversupply program were completed today.

Dennis Anderson, New Castle, Indiana crop chairman, said a 256-car special train loaded with corn, wheat and soybeans would be assembled and dedicated here Dec. 20, before heading East.

Mr. Anderson said inter-church organizations throughout the state were working to obtain contributions of grain and cash for the train "as fast as possible" so the train could be on its way before Christmas.

Meanwhile, Gov. Gates proclaimed this week "Crop Week" in Indiana. Gov. Gates urged Hoosiers, particularly farmers, to "contribute to the welfare of the less fortunate." He said: "This Thanksgiving week is a fitting time for us to pause and reflect on the privileges that are ours."

## U. S. 30 Relocation Work to Be Let

Three contracts for the relocation of U. S. 30 from Warsaw to Columbia City will be among the six highway construction contracts let Dec. 9, the State Highway Commission announced today.

Planning for this change has been in progress for a year and a half, and has been delayed by negotiations to purchase right-of-way property. The three contracts would involve nearly 17½ miles of highway and would provide that the new strip be 22 feet wide and constructed of reinforced concrete.

Bids will also be received for the concrete paving of a section of State Road 32 and 47 in Crawfordville, and a section of the Kokomo by-pass on U. S. 31. Contracts for reinforced concrete paving of a strip of highway from Smythe to Caney Creek in Vandalia County and a section of U. S. 31 north of Kokomo will also be let.

## High Costs Make It More Difficult To Be Good Sport

Hoosier hunters and fishermen will have to carry a license for each of the popular outdoor pastimes, if proposals of the State Department of Conservation are approved by the 1949 General Assembly.

John H. Nigh, State Conservation Commissioner, said he would recommend that the dual-purpose hunting and fishing license now offered to residents be abolished by the state Legislature.

IN ITS STEAD, Mr. Nigh proposed a \$1 fishing license and a \$1.65 hunting permit. Special fishing licenses for women, now sold for 50 cents, would no longer be issued, Mr. Nigh said.

He made no mention of the price of the special veteran's fishing and hunting license.

## Annual Farm Safety Parley Is Scheduled

The seventh annual Indiana Farm Safety Conference will be held Dec. 28 at Purdue University during the winter agricultural conference, it was announced yesterday at a luncheon of the Indiana Farm Safety Committee in the Sevier Hotel.

Paul Jones, director of public information for the National Safety Committee, speaking in the meeting, said, "Human nature and willingness to take a chance constitute the main cause of farm accidents as well as accidents in the home, on the highway and in the factory."

## Safe Robbers Here Net \$1587 Loot

### Breaks-Ins Reported By 3 Businesses

Two breaks-ins at business establishments netted burglars an estimated \$1587 in cash and checks today.

A cashbox containing \$1000 in cash and checks was missing from the Advance Plating Co., 330 Orange St. when employees opened the office this morning.

At about the same time a break-in was discovered at the Harlem House Restaurant, 602 N. Senate Ave. Burglars carried away a safe containing \$587, the manager told police.

A break-in also was reported at the Shell Filling Station, 1910 S. Meridian St. An automobile guide-light was taken.

## Swedish Bus Accident Kills 15 Passengers

STOCKHOLM, Nov. 24 (UPI)—At least 15 persons were killed today when a truck hit a bus and knocked it off a bridge between Stora Essingen and Lilla Essingen Islands, near here.

Company officials said the exact number of fatalities would not be known until the bus was raised from its resting place in 48 feet of water.

## CYO Dance Friday

The senior section of St. Philip Neri CYO will hold a dance from 8:30 to 11:30 p. m. Friday in St. Philip's Hall, 545 Eastern Ave. The Rhythmaires will play. The dance is open to members and married couples. Dance co-chairmen are Miss Mickey McCarty and Jim Traub.

### STRAUSS SAYS: TRADITION WITH A TOUCH OF TOMORROW!



## READ ALL ABOUT IT!

**Bob (Birdie) Long interviews 4 of Indianapolis' leading Chefs—on how to carve a Turkey!**

*Bob Long—is a free lance writer—that we call on occasionally—to cover special assignments that are rather foreign to us (and to him!)*

**HENRY BICK, Chef, Indianapolis Athletic Club:** "Be delicate about it. First, hack his legs off up about the armpits—that'll keep him from trotting too far down the table. Then, break his back, and scoop out the 'oyster' [poultry parlance for tender tidbits in the small of the back]. Clip his wings at the socket. Pull his wishbone back and do likewise. Now, he's ready for surgery, so whip out the sicker weapon. From here on you're on your own. Remember, thick slices for everybody—after all, you only paid for it."

**FRED W. HAVER, Chef, Clarendon Hotel (Loosely quoted):** "It all depends on where I'm working. Here, I shave his back so he'll stand up nice and straight. Then I separate him from left leg and begin to carve away. From there on, I'm pretty conventional. At home, though, they don't know I'm an authority. The kids grab the drumsticks, the little woman and the relatives cabbage onto the white meat, and the dog speaks for the piece that went over the fence last. Me, I'm off in a corner chewing away at an old salmon sandwich."

**GENE ROBERT KIEFFER, Chef, Lincoln Hotel:** "Never cut straight down on the breast. That's bad. Approach it from a 45-degree angle. (Here, do one of two things: Slant the turkey at the correct angle or have Junior hold you by your trouser cuffs at the proper tilt.) And finish one side before starting on the other. Actually, a turkey breast should be cut to order. Otherwise, it dries out. And mighty important to cut against the grain, too. (That is, unless you're opposed to going against anybody's grain.) You get better slices this way, and the turkey lasts longer, too."

**HENRY H. VANBENTEN, Chef, Columbia Club:** "Be sure he's well baked. Start him off in a hot oven, otherwise he'll shrink on you. (Start out with a turkey and you're liable to end up with a sparrow, that's wot.) The rest is a matter of direction. Cut against the grain and be sure to have his legs facing away from you. (If you have a compass handy, place the bird so the south end is facing north.) We thought we'd be roasting roosters in our kitchen this November," said he, with a political twinkle in his eye, "but something went wrong."

**ANY OLD TURKEY:** "Personally, I'm against the whole thing."

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Greencastle, Ind.—C. A. Webb, 23 S. Jackson St. Bloomington, Ind.—Harry Stephens & Co., 311 S. South Walnut St.

Danville, Ind.—Alexander Garage, 115 South Jefferson Street.

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### DEATHS

At St. Vincent's—Virgil, 85, died.

At St. Vincent's—Agnes Padgett, 75, died.

At St. Vincent's—Vernon, 85, died.

At St. Vincent's—Ruth, 85, died.

At St. Vincent's—Edith, 85, died.

At St. Vincent's—Lorraine, 85, died.

At St. Vincent's—Audrey, 85, died.