

COLORADO GETS DEFENSE WORK

Orders Come Just in Time To Nip Revolt of Peak And Plain States.

By ROSCOE FLEMING
Times Special Writer

DENVER, Colo., Jan. 16.—This community of mountain and plain feels a little like the boy in the Arabian Nights who released the genie from the bottle and watched him swell enormously into the sky.

First, there was the news that the Government would build a \$25,000,000 plant to make small arms ammunition; then that the first order, to be manufactured by Remington Arms Co., would be for \$80,000,000 worth of ammunition, so that the entire project entails well over \$100,000,000, one of the biggest in the entire industrial re-armament plan.

The order, and smaller ones in other cities, came just in time to stop a new revolt of the mountain and plain states. For months they had watched the Defense Advisory Commission pour projects into the traditional industrial triangle, Chicago to Boston to St. Louis, where gigantic plants are more numerous and where, westerners believe, they threatened to unbalance still further an unbalanced national economy.

No Labor Reservoir

The Remington plant, and the first order for ammunition, will cost nearly 10 times as much as all defense orders theretofore placed in Colorado. Most of the previous placements had been for strictly military expenditures, like the booming expansion of Lowry Field where Air Corps soldiers are taught bombing, machine-gunning, photography and clerical work.

Next biggest industrial defense order had been \$4,536,000 for shells from the Colorado Fuel and Iron Co., and this and three adjoining states had received a total of only \$15,000,000 before the big Remington project broke.

[This region never has been industrial, in the sense of having large factories producing for nation-wide markets. It is traditionally a region of irrigated farming and stock ranches, and almost its entire industry has been the processing of natural products of producing for consumption within the area.]

The city has no large reservoir of skilled labor, and much of what there was has already gone east and west to work in earlier defense plants. The city's school system has been working manfully to give mechanic training, and the state colleges have swung into line to train engineers.

The stress of defense is beginning an industrial revolution in this vast area of mining, ranching and farming. Large-scale industry is a forcible transplant into the region and whether it will survive after the war emergency passes is anyone's guess. Changes here probably will be more significant than in any other major section of the United States, entailing an abrupt transposition into the industrial age.

SUES BABE RUTH FOR AUTO CRASH INJURIES

ATLANTIC CITY, N. J., Jan. 16 (U. P.).—Babe Ruth is defendant in a \$5500 damage suit scheduled for trial here next Monday. Plaintiff in the suit is Anthony Guerrieri, 38, of Pomona, who claimed \$5000 damage to his automobile and \$5000 for personal injuries allegedly received in an automobile accident last May 15.

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FEDERAL SAVINGS AND LOAN ASSN.
1000 N. W. 10th St., Indianapolis, Ind.

January Clearance OF MODERN GAS RANGES

The gas range listed below is only one of a few models being discontinued by its manufacturer. Thus the savings we made in a special "close out" buy are being passed on to you. Each range in this sale is up to date in every respect, each at a different price level. The supply is definitely limited, so act quickly.

MAGIC CHEF

For women who do lots of baking, either to save money or for sheer enjoyment, this Magic Chef (Model 4301-14) is an excellent buy. The oven is fully insulated and automatically controlled by the famous Red Wheel Heat Regulator. While they last, only...

\$79.50

AND YOUR OLD STOVE

CITIZENS GAS AND COKE UTILITY

49 S. Pennsylvania St. MA-4121.

Profit Is Bugaboo Here



Robert Holtzman, Broad Ripple High School pupil... how to keep the cafeteria from making a profit is a big worry.

School News IT'S ALL PUT IN PUPILS' MEALS

Broad Ripple High Hopes It Won't Make a Single Penny in Cafeteria.

By EARL HOFF

The Broad Ripple High School cafeteria is one business that is working toward the perfect year of not one cent profit.

The staff was exactly \$155 above that goal last year, which made them sort of sad. They hope to shave that figure down to a whisper this year, if they have to almost give away their food.

That sounds like bad business tactics, but that's how they keep packing them in at Broad Ripple.

The way Mrs. Julia S. Cunningham, the lunchroom manager, views it, she has a mission in life above stoking youngsters with enough food at noon-time to keep them going until supper time.

Mothers Chosen as Helpers

"Before children come to high school," she explained, "their mothers plan and serve balanced meals. Unless there is some sort of guidance, they may not use as good judgment as their mothers in selecting their meals."

"Here at Broad Ripple we try to make the right items interesting enough that the pupils will select them."

Mrs. Cunningham had that in mind when she selected a staff of eight mothers as her helpers. They were looking for jobs, but she coaxed into working for the school because they were good cooks.

It was their job to turn out food with a home cooked flavor and appealing to the eye. Thirty student workers also help.

\$50 in Lunchroom Daily

Then Mrs. Cunningham started some clever manipulations with prices, all to the benefit of the \$50 pupils who daily spend \$85 in the lunchroom.

Every day there is a different five-cent item on sale for three cents. One day a week a balanced "plate special" is offered for 10 cents.

When it begins to look dangerously like the cafeteria is going to make a profit, there suddenly appears a second or third "plate special" during the week.

If the pupils at Broad Ripple have any one favorite in the lunchroom, it is apple dumplings. Mrs. Cunningham said, "Hamburgers, served once a week, come second, which sort of beats out Mrs. Cunningham's contention."

Since all the stress at the lunchroom is on providing children with wholesome meals at rock bottom prices, the average luncheon costs around 15 cents.

The interesting thing is that the story about Mrs. Cunningham and the Broad Ripple cafeteria could be repeated seven times, once for each of the City's high schools where there is a cafeteria. Indianapolis schools aren't in business to make money.

4-YEAR WILDLIFE PROGRAM STARTED

From now on, life will be tamer for Hoosier wildlife.

The State Conservation Department has launched a four-year program to feed native fish, fowl and game in co-operation with the Federal Government. The idea is to have more wildlife, according to State Conservation officials.

Financed by both State and Federal Conservation Services, the program calls for the development of uncultivated land in Indiana as feeding and nesting grounds for animals and birds. Materials for fencing and planting wildlife tracts will be furnished by the Government while local conservation clubs will supply the labor.

In the way of food, there will be buckwheat, soybeans, millet, maize, sunflower and lespedeza, black walnut, black maple, persimmon, white dogwood and osage orange. Each area will be closed to hunting—a kind of wild-life paradise.

Areas selected will be portions of land which have not previously been closed to hunting. The areas generally will be those not suitable for cultivation.

Liquid-Cooled Plane Engines Are Upheld; Air-Cooled Units Not Best, Says Williams

By MAJ. AL WILLIAMS
Times Aviation Editor

The American Association for the Advancement of Science was told recently by a former naval officer (not a flier, but a construction officer) that "American-designed air-cooled engines are just as fast and more powerful than the European liquid-cooled engines."

This is a defense of our failure to develop a liquid-cooled speed engine of the type which has held the world's top speed record for Europe and from the United States. Likewise, the British Hurricanes and Spitfires and the German Messerschmitts and Heinkels are all powered by liquid-cooled engines.

Liquid-cooled engines (liquid-cooled actually means a streamlined engine) established the existing world's speed record of 469 miles per hour. And those planes are 40 to 50 miles an hour faster than the standard air-cooled engines of our Army and Navy.

Of course, some few very recently built American fighting planes powered by air-cooled engines are only 20 to 30 miles an hour slower than the Spitfires and Messerschmitts. But those foreign fighters are just about ready to be replaced by still faster and newer planes, because they are rapidly reaching obsolescence.

One American experimental ship powered by a new, huge, air-cooled engine, claims higher speeds than the foreign fighters. To be fair, I have mentioned all the evidence. But I challenge anybody to prove that the air-cooled engines fly ships of any given period as fast as the foreign liquid-cooled, streamlined engines.

The Rolls-Royce and Daimler-Benz are both capable of about 1200 horsepower. England and Germany started the war with those engines. Now the Rolls and the Daimler-Benz have been souped up to about 1500 to 1700 horsepower. The manufacturers of both these engines have built new versions with 24 cylinders, instead of the usual 12, turning out from 2000 to 2300 horsepower.

What this naval officer was getting at was the new, double-row, air-cooled engine recently developed, which, he says, "is coming off the American production line in small numbers."

This engine is a huge affair developing a claimed 2000 horsepower. To my knowledge, it is actually in, and flying in, only one experimental fighting ship which is not adapted for the type of fighting going on over England or Germany today.

The naval officer offers no proof that this new air-cooled engine is "just as fast" as the European liquid-cooled engines. Of course it is more powerful than the old engines now in use by Germany and England, but he mentions nothing about how his engine compares to new British and German engines.

Then he contends that American experts have been misled. "Since European engines are liquid-cooled," he says, "and used in Spitfires and Messerschmitts, there has been wide acceptance of the idea that this country cannot build high speed fighting planes until it has liquid-cooled engines."

Y. M. C. A. TO OFFER 20 SCHOLARSHIPS

The Indianapolis Y. M. C. A. has decided to make 20 scholarships of \$50 each available at Butler University for students who act as leaders of boys' groups in the Y. M. C. A. neighborhood groups.

Fernor S. Cannon, Y. M. C. A. president, who made the announcement, said the scholarships may be started with the January term, but probably not until the September term.

The students chosen will work with Henry Miller and Carl Alford, boys' secretaries, who handle the southwest and east district branches, respectively.

Mr. Cannon said that he hopes the amounts of scholarships will be raised in the future. To be eligible, students must have a sophomore standing, have taken or be taking one basic course in sociology, be approved by the "Y" and be recommended by a member of the Butler sociology staff.

REFUGEE SCHOLARS HELPED

HAVERFORD, Pa. (U. P.).—The American Friends Service Committee is sponsoring an unusual educational experiment to fit 29 outstanding world scholars—refugees from Europe—for places in the United States' business and professional life.

EXTRA EXTRA AYRES DOWNSTAIRS STORE

FEATURES TREMENDOUS SAVINGS for YOU in OUR

SEMI-ANNUAL REMNANT SALE

Coats\$7.98	Women's Cot. Gowns, 50c	Children's Shoes\$1.98	Union Suits39c	Better Suits\$24.50
300 Dresses\$1.00	Women's Cotton Slips, 35c	Men's Douglas Shoes	Pajamas69c	Percale Remnants5c Yd.
225 Dresses\$2.00	Brush Rayon Gowns, \$1.59	Men's Shoes	Short Socks, 8 Pr. \$1	80-Sq. Percales10c Yd.
300 Dresses\$3.00	Union Suits50c	Wash Suits	Wool Socks, 8 Pr. \$1	Ray. Dress Samples, 10c Ea.
400 Sample Girdles	Broadcloth Pajamas94	Me. You\$2.00	Rayon Samples5c Ea.
\$2.50 to\$5.00	Novelty Undies			Unbleached Muslin4c Yd.
Better Girdles79c	Women's Hose			Part Linen Toweling
Sample Gloves49c	Anklets			5 Yds.47c
200 Pcs. Leather	Stockings			Crash Toweling, 10 Yds. 89c
Gloves\$1.79				Brown Muslin10c Yd.
400 Sample Belts				Outing Flannel8c Yd.
Better Jewelry				Brown Sheeting18c Yd.
Fine Umbrellas				80-Sq. Percales\$7.98
Ladies Hats			1.00
Better Neck			1.00
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Tots' Wash Dresses, 2 for \$1			1.00
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