

**ON AUTO FRONT**

**Greater Gasoline Mileage Sought by Auto Makers**

By DAVID J. WILKIE

Detroit, Aug. 18 (AP)—The search for greater gasoline mileage is being pushed in every auto maker's laboratories. Some of the manufacturers believe they can find it in lighter cars; others are seeking it through research in carburetion. The laboratory work currently under way gives promise of considerably greater mileage in the not too distant future.

Producing a lighter car isn't difficult if its size is reduced. Most car makers, however, don't want to make their vehicles noticeably smaller. So they are trying once again to build what they call a standard sized car several hundred pounds lighter than current models.

These units will be a few inches smaller but not enough shorter or narrower to put them in the small car class. So far the industry hasn't been particularly successful in reducing weight without cutting down the size of its cars. In most instances where it has boasted of a weight reduction in its standard sized models it has had to put the weight back in again.

In the carburetion experiments considerable attention has been given to methods of distributing the fuel mixture to the various cylinders. A lot of basic work on the carburetors themselves also is under way. In the rush to get new automobiles immediately following the war, car buyers gave only little thought to gasoline mileage. In a buyer's market the car industry will need all the selling arguments it can muster and miles per gallon will be one of the best.

With present high compression engines considerably increased mileage is obtained. It is true, however, that little more mileage may be expected from increased compression alone until higher quality gasoline becomes available.

But the car makers apparently expect higher mileage fuel sooner than do many motorists. Several of the auto makers have designed their engines so that they may be adapted to higher quality gasoline merely by changing the engine-head. This increases the engine's compression ratio. Compression ratio is the amount of space allotted to piston travel in relation to the space into which fuel is confined when the piston is at the top of its compression stroke.

Of course, a lot of things besides gross vehicle weight, carburetion and engine compression affect gasoline mileage. Among them are weight distribution, wheel balance, maximum timing efficiency, smooth functioning of transmission and even such a lesser item as proper tire inflation.

Fuel economy probably is more important to motorists operating cars of the lower priced makes. Yet, sales executives say, owners of medium and high priced vehicles have been showing increasing interest in how many miles per gallon they may

expect of their new cars.

That's why all the factors affecting gasoline consumption are coming in for increasing study in all the automobile industry's laboratories.

**Lebanon Properties Threatened by Fire**

Lebanon—City firemen fought two blazes threatening \$130,000 worth of buildings and merchandise, confining both fires to a total estimated damage of \$455, according to the records of the fire department.

The first call came shortly after 11 p.m. Tuesday when a blazing refrigerator motor was discovered in the Santiam Sporting Goods and Appliance showroom. Damage was estimated by Proprietor Roy Long at \$75,000.

Wednesday noon the department was called to U & R Motors where a gasoline pump in front of the service station unit was ablaze. The blaze is believed to have been started by workmen digging nearby trying to locate an underground gasoline leak that has saturated the area with approximately 300 gallons of ethyl gas.

Loss was placed at \$380, with property valued at \$60,000 threatened.

**Quota of Nurses Not Yet Reached**

Procurement of graduate nurses for the Army Nurse Corps Reserve has not yet reached its goal of 1100 nurses for extended active duty and 17,000 for active reserve.

That information was received from the Sixth Army headquarters by the local Army and Air Force Recruiting office recently from Maj. Mary M. Steppan of the Army Nurse Corps.

For nurses without prior service the requirements are that they be between the ages of 21 and 45 years; be citizens of the United States, either by birth or naturalization; high school graduates and a graduates of a school of nursing acceptable to the surgeon general; be registered currently in one or more states, and be physically qualified according to army standards.

In addition the application must be accompanied by recommendations from the director of the school of nursing from which the nurse was graduated, from a physician with whom she has worked and a former employer or supervisor.

The nurse may be either married or single, but under ordinary circumstances married nurses or nurses with dependents under 18 years of age will not be appointed to extended active duty in peacetime.

For appointment in the grade of second lieutenant a nurse should have from graduation up to three years of professional experience; for first lieutenant, a minimum of three years; and for captain a minimum of seven years and completion of post graduate course in nursing specialty and one year of ex-

**White House Receives Odd Gifts From People**

Washington, Aug. 18 (AP)—The White House receives all kinds of gifts, some much odder than deep freezers.

Today in the mail came a 125-pound watermelon and a package of wax ear stoppers.

No reason was learned for the wax ear stoppers, sent to President Truman. Somebody gave President Truman a new car soon after he took office, at a time when new cars were hard to get. An anonymous donor sent a lot of dough building Mr. Truman a bowling alley, which he never uses.

He has a hard time staving off proffered gifts of dogs, cats and birds. Mr. Truman is not opposed to pets, but he hasn't any place to put them. Some arrive anyway. He farms them out to friends.

Gifts have been a pleasure and a problem to every president. Generally the gifts have been viewed as a heartwarming sign of the people's love and respect.

perience in specialty or bachelor's degree. Base pay is: second lieutenant, \$180; first lieutenant, \$200; captain, \$230; major, \$275; and lieutenant colonel, \$320.83. In addition to this they receive rental, if quarters are not provided on the military post, and subsistence.

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records show that many a law-maker came down to eat cheese on the nights when the gifts were cut.

Mr. Truman gets all the bowties he can use in the mail. Mr. Roosevelt did too. Once Mr. Truman mentioned white shirts. The mail was loaded with them. Each year he gets Maine's first salmon, Maryland's first strawberries, and the fattest turkeys from all over.

Mr. Truman probably has enough gift hats now to start a store. As the "five per cent" hearings disclosed, people send him matches labeled "swiped from Harry S. Truman." He has to be careful about saying in public what he wants or likes, or the mail man will have to put on extra trucks to haul in the gifts.

Lavish gifts are routine. Some of the most touching cost little

or nothing, but represent sacrifice. A boy sent along his Barlow knife. A mother spent all winter to make the President a patriotic tapestry. Somebody sent a watermelon patriotically wrapped in the flag.

Fancy food comes to the White House regularly. Some of it goes to hospitals. Some goes—you guessed it—into the White House deep freeze.

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Job's Daughters Meet  
Spokane, Aug. 18 (AP)—Business sessions and drill exhibitions occupied today's second day convention schedule for delegates to the international meeting of Job's Daughters.

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**Have You Heard?**

that the market formerly known as Ebner's on the corner of 21st and Market St. is now owned by Gerald Christofferson and will be known as **Chris' Market**. The new owner pledges every effort to make shopping at this store a pleasant experience, and suggests you try it. Telephone service and free delivery plus ample parking assure you of easy buying. National brands of merchandise at competitive prices will be featured. Do come in and get acquainted.

|  |  |
|--|--|
| <b>EGGS</b> Country Fresh Grade "A" <b>69c</b>         | <b>CRISCO</b><br>3 lb. tin <b>77c</b>                        |
| <b>VEGETABLE SUGGESTIONS</b><br>THE MARKET'S FINEST    | <b>PEACHES</b><br>No. 2 1/2 Tin in Syrup <b>15c</b>          |
| <b>BANANAS</b> Fancy ..... 2 lbs. <b>29c</b>           | <b>Tuna Fish</b><br>1/2 tin White Star Solid Pack <b>35c</b> |
| <b>POTATOES</b> U. S. No. 1 ..... 10 lbs. <b>25c</b>   | <b>SUGAR</b><br>25 lb. Bag C&H CANE <b>219</b>               |
| <b>APPLES</b> Gravensteins Bushel Box ..... <b>98c</b> | <b>BUTTER</b><br>Grade A Lb. <b>67c</b>                      |
| <b>FRESH CORN</b> Well Filled Dozen ..... <b>19c</b>   | <b>CATSUP</b><br>DENNISON'S 2 14-oz. Bottles <b>25c</b>      |
| <b>CELERY</b> Lake Labish, bunch ..... <b>10c</b>      |  |
| <b>LEMONS</b> Juicy, dozen ..... <b>29c</b>            |  |

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