

# OUT-OF-DOORS SECTION

Talk of the Road and  
News of the Day for Mo-  
torists and Outdoors folk

Automotive Information

The OREGON STATESMAN, Salem, Oregon, Saturday Morning, May 18, 1929

## RIDING ON POOR ROADS COSTLY SURVEY SHOWS

Figures Compiled to Prove  
Depreciation Much  
More on Bumps

The motorist who drives a light six over first class pavements rather than over low type roads does so at a saving of 2.37 cents a mile. Travel over intermediate road types costs approximately 1.13 cents more a mile than over good pavement.

These are conclusions of Professor T. R. Agg and other research workers at Iowa State college, just made public. All items of expense were considered and properly balanced with the final figures based on year round travel.

**Car Operators Report**  
Reports from commercial car operators all over the United States were compiled in making these studies. It is believed that the results of the observations indicate quite accurately the greater cost of low type roads, for the reports cover cars operated under all sorts of conditions, through urban and rural traffic, under diverse climatic conditions and by drivers of varying degrees of skill and efficiency.

Considering all items of car operation expense, such as gasoline, oil, depreciation and so on, the per mile cost of a light six-cylindered car is 8.62 cents the per mile cost of a light six-cylindered car is 8.62 cents over low type roads, 7.38 cents over intermediate types, and 6.25 cents over first class pavement.

**Size of Car Makes Test**  
Car operation costs, of course, vary with the size of the car. For example, the cost of operating a medium four on low type roads is 7.5 cents a mile; on intermediate types, 6.42 cents a mile; and on high type pavement, 5.41 cents.

From the collected data, it was determined that if the composite "average" automobile were to be operated entirely over pavement rather than over low type roads, the saving per mile would be 2.06 cents. Intermediate types when changed to high type highways would save the average driver approximately one cent a mile.

**Many Poor Roads Left**  
The motorist himself may then calculate just how much it costs him to drive over roads not of first quality. With but some 30,000 miles of high type rural highways, most motoring is still over inferior highways.

## MRS. THADEN WINS TRANSPORT HONOR

Woman Who Stayed Aloft  
22 Hours First to be  
Thus Recognized

Mrs. Louise Thaden has added another victory to her impressive string of records. Last month she obtained her transport license—the first woman flier on the Pacific coast to be honored by such a degree. Her examination was taken at the Oakland airport and was passed with an excellent mark.

It will be remembered that on December 7, 1928, Mrs. Thaden attained a world's record altitude of 20,270 feet for women fliers and on March 16 and 17 of this year established a new world's record for women fliers, staying in the air for 22 hours, 3 minutes and 17 seconds.

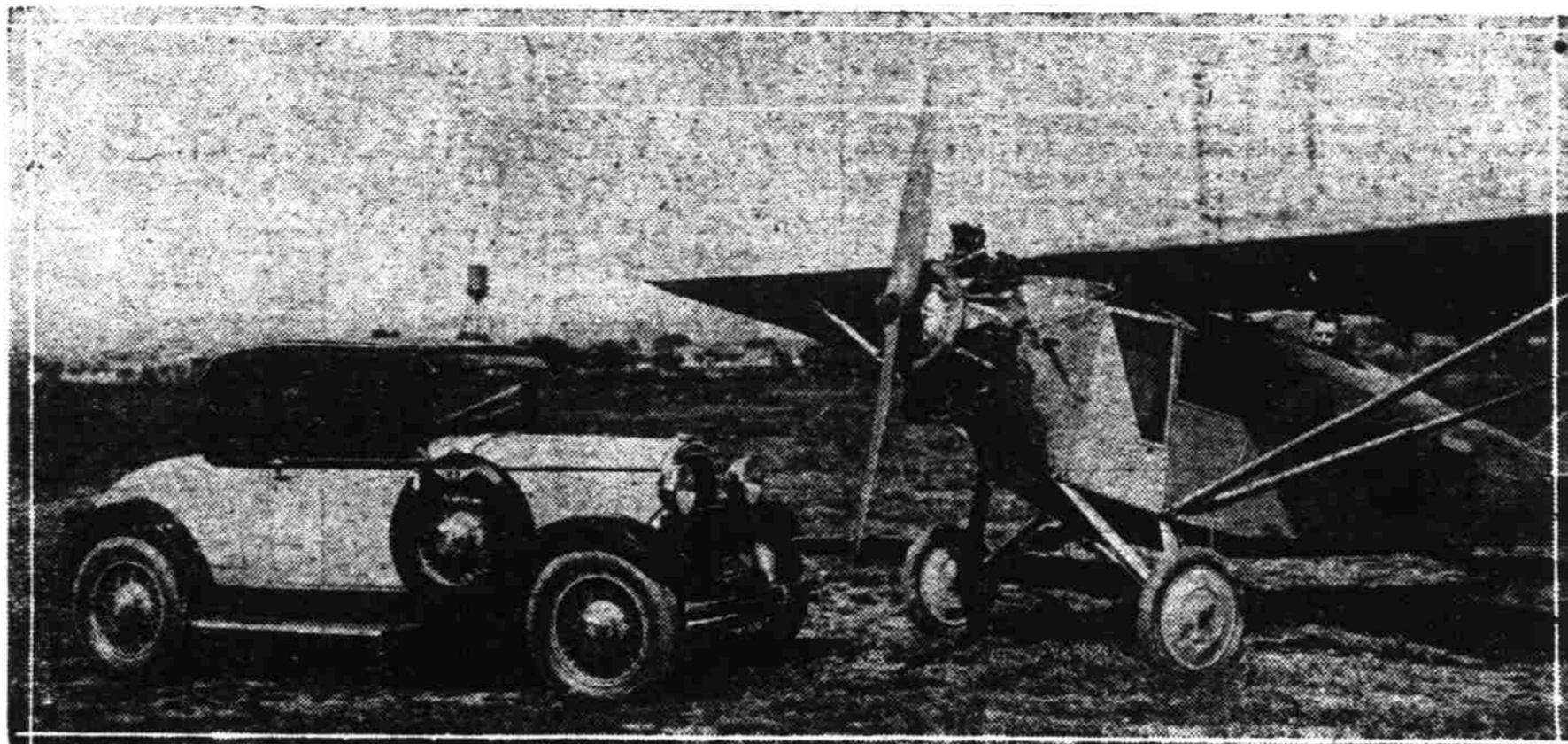
Mrs. Thaden is at the present time tuning her plane for an attempt to establish a speed record for women which will be recognized in her previous flights, the famous aviatrix will use Associated Aviation gasoline and Cyeol Aero will in her three place open cockpit Travelaire bi-plane powered with a 130 horse power Hispano-Suizo motor.

**SQUEAKS ELIMINATED**  
Possibility of squeaks and faulty operation of the four-wheel brakes are entirely enclosed. Self-energizing and of the internal-expanding type, the new brakes are protected at all times.

Smart side cowl ventilators operated by foot control on the new Oakland All-American six, in addition to heightening the beauty of the unusual body lines, offer utility in that the send a refreshing sweep of air across the foot boards in warm weather driving.

**ADOPTS FUEL PUMP**  
Oakland was the first car to adopt fuel pump, now used by 30 manufacturers.

## Take Your Choice! They are Both Modern!



In the classy little car at the left, a new Dodge for sale by the Bone-olplane which is a home-prototype, built here and being flown at the steel Motor Car Co., is Russell Bonesteel at the wheel and E. L. Salem airfield. This is the fourth Dodge purchased by Eyerly. Eyerly with him. Leo Eyerly is seen at the helm of the Eyerly mon-

## Mr. and Mrs. Alvin Stewart Making Trip Throughout the United States; Nash Special Six Sedan Proves Value

Local People Start on Swing-Around-Circle  
By Going to California; Los Angeles  
And Its Sights are Viewed

Realization, a cherished hope of Mr. and Mrs. Alvin B. Stewart to "See America First" began on the morning of April 12 when they left Salem with a new Nash "400" Special Six Sedan on a leisurely journey to points of interest in the United States and the first details of the trip are published through the courtesy of the F. W. Pettyjohn Co., Nash distributors in Salem.

**Country "Well Dressed"**  
"From Eugene southward, through Roseburg, Grants Pass and Medford, the whole countryside seemed dressed in its finest raiment to greet and please all of us who passed that way on Oregon's splendid highways. Shades of evening found us nearing the charming city of Ashland where we were to spend the first night from home. The first day of travel was delightful in the manifold comforts of our Nash "400" special six sedan which is truly a marvel of riding pleasure and amazing in its superb qualities of steering. There is almost no effort required in steering the car and after the day was over, we were conscious of a feeling of restfulness that we had never known before in driving any car. The wonderfully powered Nash "400" motor enabled us to negotiate the mountain roads between Roseburg and Grants Pass so easily that we scarcely knew we were climbing at any time.

"Anticipating a second day in Oregon's natural beauty, we made our start from Ashland into the majesty of the Siskiyou mountains. Our Nash "400" was performing with the same precision of yesterday—comfortable, quiet, and steering so easily that we reached the summit before we could realize that we were at the highest elevation. The day was filled with the beauties and the handiwork of nature was fascinating in perfect, too, the sunlight magnificence grandeur. One here can only wish that everyone in the world could really see and know about the wonders of this Oregon country. At the Oregon-California line, we stopped and looked about in the little city of Hill which is a summing village in the valley, and then continued on in wonderful sunshine until we reached Mt. Shasta. Soon after, it began a fine mist which developed into a hard downpour of rain at Redding, California. Here we replenished the fuel supply in the car and waited for the rain storm to pass. Carefully checking our fuel consumption, we found that the Nash "400" had averaged bet-

ter than eighteen miles per gallon of gasoline, and hink this is remarkable mileage for a new car driven at moderate speed all the way.

**Camp Wonderful**  
"Our second night was spent at Red Bluff where there is the finest auto camp we have ever seen. It is conducted by the city of Red Bluff, equipped with cabins all modern, well-built, neat, clean, and most convenient with running water as pure and fine as could be found anywhere in the world.

Leaving here in the early morning of Sunday, we drove to Chico for breakfast and enjoyed learning about the great harvest of olives which is an interesting industry indeed. We were directed to proceed via the city of Vina across the country to view the walnut groves an dthe fruit farms along the Sacramento river, and then on to Chico spending considerable time there in the beautiful Bidwell Natural park famous for its oak trees which are said to be the largest in the world. This park is viewed from delightful drives running through the park which is divided by a lovely stream of clear running water.

**Well Received at Chico**  
"We were received at Chico by the executives of the Bidwell Nash company, distributors of Nash automobiles, who gave us a very courteous reception. They were much interested in our plans, took our Nash "400" into their salesroom and examined it thoroughly from bumper to bumper but found it in fine condition in every respect. The Bidwell Nash company informed us that the new "400" Nash had been exceptionally well received by the motoring public in their territory and that Nash sales percentages run about 30 per cent Nash advanced six, 30 per cent special six and 40 per cent standard six models.

**Sacramento Interests**  
"Sacramento, the capital city of California, provided much attraction. The state government buildings and the views of the city occupied our time during Sunday afternoon and were made especially

pleasant by friends who shared our drive and pointed to objects of particular interest. Monday morning saw us on the way again, this time through Stockton via the Borden highway around San Francisco bay to Martinez and Richmond to look over the oil industry and manufacturing districts allowing arrival at Oakland Monday in the afternoon. Here, we tarried for several days making short trips in every direction and attending to business matters in the city of San Francisco. The drives overlooking the ocean were exceptionally attractive and we would have liked to spend more time near the Golden Gate.

**See Mack Sennett Studio**  
"Journeying southward brought us to Los Angeles Friday evening and the next morning we were up early driving about the city, visiting the Mack Sennett studios in Hollywood, to Pasadena, Long Beach and many small places along the coast. It is all very wonderful but we are still in awe with Oregon, and will soon be on the way to a portion of the country greatly different in character from hat seen along the coast of Oregon, Washington and California. Deah Valley, of which so much is told and written, and always a place of mystery to us, was one special objective on our itinerary. Having objectives living at the entrance of the valley we decided to visit their home at the city of Daggett, California, from whence we would make such excursions into the valley as are practicable by motor car.

**Survey Daggett Valley**  
"Arriving at Daggett Sunday evening preparations were immediately completed for a survey of the valley and surroundings in the Nash "400." Our start was made Monday morning and in a short time were in the midst of a region known as the "Fossil Beds" which ell about fifteen miles from the valley. It is here that bones are said to be found which indicate prehistoric animal life. Representatives of the Smithsonian Institute are making extensive researches concerning these animals which are said to have reached enormous size and to have been varied in structure resembling giant horses, elephants and other forms. It is believed that such life was existant two millions of years in the past.

"Near here are also found the vast borax mines which were given much prominence by the "20 male team transportation method" of carrying the borax to market places and points for shipment. Here, too, is the famous

city of Calico, a silver mining town of the past which obtained its name from the vari-colored rock formations in the surrounding hills. Calico is just now taking a new lease on life by reason of recent finds of more high grade ore which bid fair to bring the city back to a thriving and prosperous community.

**Death Valley Viewed**  
"Now it is Tuesday, just a little past mid-afternoon when we are away again for Deah Valley proper and all its mysterious deatation. We leave the highway turning north a little way east of the city of Daggett. The road now is just two wagon tracks and we soon pass through a lake long since become dry and now another and still a third dry lake where we are favored by sky picture of the most beautiful mirage phenomena. It is beyond description—we seem to see a large body of water dotted with ships of various sizes, beautiful clouds and a coast line fringed with trees and marvelous fields of growing foliage."

(To Be Continued)

## GERMAN MEN TO STUDY GAS TAX IMPOSED HERE

National Tour Being Made  
by Representatives of  
Foreign Ministry

The American gasoline tax, other tax levies affecting motor transportation, methods of highway financing, and the relation of rail and motor transportation are being carefully studied by representatives of the German government, the German automobile industry, and by other German allied interests, who are now on a tour of the United States.

The American Automobile association, which has placed the facilities of A. A. A. motor clubs in all parts of the country at the disposal of the German delegation, points out that the experiences of

this country in the taxation field will in all probability lead to a new tax structure affecting the automobile and highways in Germany.

**Gas Tax Intends**  
"Primarily interested in the gasoline taxation as a means of highway financing," says the national motoring body, "the members of the delegation have been greatly surprised at the almost universal tendency to periodically increase this tax. In view of the steady rise in this form of taxation, some members have been keenly interested in where will it end. When will legislators see that the limit has almost been reached? This is the question asked by many."

"At the same time, noting the tremendous quantity of gasoline sold without the payment of tax, supposedly for other use than for the automobile, members of the German party are interesting themselves in the question of whether payment of the gas tax is being evaded and whether or not the increases will tend to make for more and more evasion by users in the latter category."

The A. A. A. says another problem being carefully studied is the tendency in this country to devote portions of the gasoline tax to schools and other governmental ac-

tivities, instead of using he entire fund for road building, for which the tax was primarily intended.

The American Automobile association is cooperating with the national automobile chamber of commerce, state and local highway officials and other units, in order that the visitors may study every phase of the problem in which they are interested.

**CHINESE TO JAPAN**  
TOKYO—(AP)—Feng Hung-Kuo, eldest son of General Feng Yu-Hsiang, is one of the 101 young Chinese who qualified for admission to the Imperial Army Academy here. The young man's father recently pleaded at Nanking for military preparedness, pointing to Japan as the ultimate enemy of China.

More than eight million rainbow trout eggs have been taken from the Crane Prairie station by the hatchery department of the state game commission this spring. This number far exceeds the expectations of the commission. The eggs are being taken to the Fall River hatchery where they will be eyed and later distributed to the various hatcheries of the state.

## SIX GOOD Reasons why you should buy the new Ford car



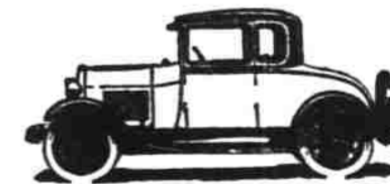
Triplex shatter-proof glass windshield



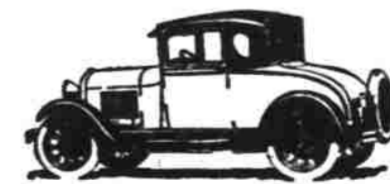
Silent, fully enclosed six-brake system



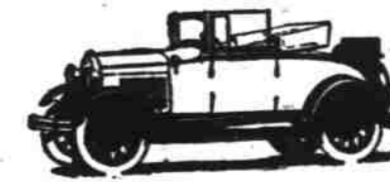
Four Houdaille hydraulic shock absorbers



55 to 65 miles an hour



Vibration-absorbing engine support



Typical Ford reliability and economy

ALL of these features combine with smart, low body lines and a choice of beautiful colors to make the new Ford an unusual value at a low price. Call or telephone for a demonstration.

Note these low prices—

Roadster	Phaeton	Business Coupe	Tudor Sedan	Coupe
\$450	\$460	\$525	\$525	\$550
	Sport Coupe	Fordor Sedan		
	\$550	\$625		

(All prices f. o. b. Detroit, plus charge for freight and delivery. Bumpers and spare tire extra.)

VALLEY MOTOR CO.  
Chemeketa and Liberty Streets.



## Fords to be Used in U-Drive Service



The Salem Taxi Service has added two Model A Fords to its fleet of autos to be used for Drive Yourself service. Troy D. Wood and E. A. Clark are the proprietors of the company which makes its headquarters at the Bligh hotel. Photograph shows the two cars to be used in the service. "The simplest jobs ever used by us," commented the proprietors when the new cars were delivered to them.

W. H. Gillespie, formerly with the Hudson-Essex dealers in The Dalles, has accepted a position as salesman with Loder Brothers. Mr. Gillespie arrived in Salem last week. He has been in the automobile business for three years.

Fishermen from the Valley Motor company had good luck Sunday. Lawrence Imlah got a big catch on the Siuslaw. Morris Race and Kay Smith brought home the limit from Elk river, while Seth Dodge got nothing but a good supper at Valsetz.

Mr. and Mrs. Van Durne drove to the Tygh valley Saturday afternoon and returned Sunday. Van Durne, who is employed in the office of the State Motors, reports fine roads and many tourists.