

GRAHAM-PAIGE BREAK RECORDS

Production by the Graham-Paige Motors corporation for 1928 reached 43,556 on July 18, passing the total for the entire year 1927, which has heretofore stood as the high record for production in the 18 years' history of the factory. The next day's production put the total over 43,762, double the output for all last year, and old records for production, by the day, week, month, and year, have now been surpassed by the new line of cars introduced this year by the three Graham brothers as the first passenger cars to bear their name.

The Grahams, having acquired ownership control of the Graham-Paige company in June, 1927, announced the completely new line of cars January 7, this year, at the New York automobile show. However, it was not until January 26, when the 200th car was built, that the factory was actually in volume production of the new models. Thus, in only six months' actual production, Graham-Paige has equalled the best previous record for an entire year and doubled the 1927 total.

PRESENT MOTORS NEED BETTER OIL

The tendency of the automobile engine is toward a high speed, high compression type of motor. The increased efficiency represented by this type of motor, however, introduces new problems in lubrication, through the fact that a high speed, high compression engine is demanding better and more dependable lubrication. The temperature at the center of the piston head of such a motor might easily reach anywhere from 600 to 900 degrees F.

Exposed to intense heat, the ordinary type of mineral lubricating oil is partially "cracked" into light and heavy products or reduced into solid hydro-carbons. Moreover, used under these high temperatures, it is easily dissolved by gasoline and is washed away, leaving the bearing surfaces without adequate protection.

For this reason, experiments to evolve a new type of lubricating oil have been concurrent with the development of the motor. Attention has been turned to vegetable oils.

Of the vegetable oils, castor oil, through the fact that it oxidizes very slowly, has been the vegetable oil that has been used most successfully for lubricating purposes. According to Victor W. Paige, a nationally recognized authority on aviation and high speed engines, it is the only vegetable oil which can be used with success in high speed automobiles and airplane engines. In its natural state it meets all the requirements of a perfect lubricant except for the comparatively slight tendency to gum.

It is the opinion of many of the foremost lubricating engineers that within a period of five years all good motor oils will contain a percentage of castor oil. Recently, however, a new lubricating oil has been perfected which combines the perfect lubricating qualities of castor oil with the freedom from gumming which is possessed by the ordinary mineral oils. This product is Castorlube. It is a scientifically prepared blend of castor oil (patented pending), and the best mineral oil. While Castorlube is a universal lubricating oil for use in all types of internal combustion engines, its particular qualities make it ideal for the high speed compression motor.

Castorlube will not form hard carbon which is the bugaboo in the present day high compression motors. On account of its great viscosity Castorlube forms a constant film on the moving parts of various types of motors.

Albert Dougherty, car inspector for the P. F. E. company, has returned and taken up his work at this station during the fruit season.

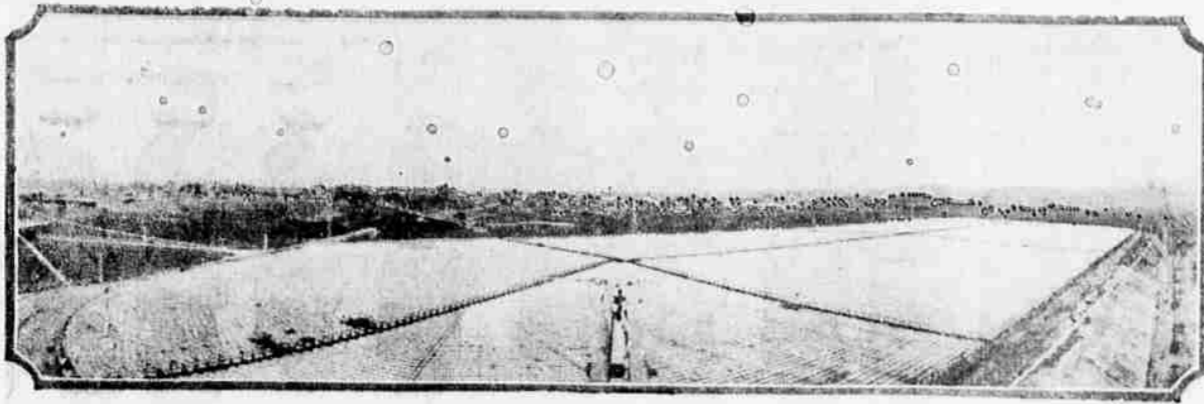
♦ ♦ ♦ ♦ ♦
♦ **Bottle Washed Ashore**
♦ **Brings Woman Reward**
♦ **BERLIN** (AP)—A bottle containing a memorial signed by passengers of the liner "President Roosevelt," thrown into the Atlantic off the American coast on the night of Charles A. Lindbergh's successful flight to Paris, was washed ashore at Saffi on the coast of Morocco.

♦ Here are some of them:
♦ Last on the list of signatures was a Berlin dentist, Stephen Hatvani, who besides affixing his name promised in writing to pay \$10 to any person finding the bottle and restoring its contents to him. He forgot all about the matter until a Madame Berger, who runs a fashion parlor in Saffi, wrote him that she had picked up the bottle while strolling on the seashore, and requests the reward. Dr. Hatvani promptly sent her the money, and the document was forwarded to him.

♦ It took the bottle 14 days less than a year to reach the coast of Morocco.

♦ ♦ ♦ ♦ ♦

Union Oil Company Has Giant New Oil Reservoir



The largest oil reservoir in the world, holding 4,000,000 barrels, has been purchased by the Union Oil Company from the Pan-American Western Petroleum Company. This huge underground oil container, 1425 feet long by 500 feet wide, covers approximately 50 acres. It is so constructed by excavation and embankment that about one-third is above ground. It is located at the Los Angeles harbor. The deal, under which the transfer of the reservoir was consummated, includes an additional 2,100,000 barrels of steel storage, together with 4,000,000 barrels of refining crude, 59 acres in fee, pipe lines, pumping storage and other accessories.

Acquisition of the reservoir and steel tankage gives the Union Oil Company a total oil storage capacity of more than 25,000,000 barrels. At present the Union's combined production and purchases aggregates about 110,000 barrels daily, which is approximately 3000 barrels less than of December 31 last. This is caused by shutting in production and curtailing new drilling in proven territory whenever possible and is in line with the policy of Governor Young relative to conserving the oil resources of the state.

AUTO IMPORTANT IN AIR ACTIVITY

The automobile has contributed almost as much to the success of aeronautics in this and other countries as the airplane itself. This statement, paradoxical tho it may seem, is the opinion of no less an authority than Martin Jensen, one of America's foremost pilots.

Jensen, Trans-Pacific flier, who placed second to Art Gobel in the Dole race held last August from Oakland to Honolulu, is at present conducting a goodwill tour of the United States. And, to his success on this trip, Jensen states prior to his departure a few weeks ago, the motor car will be as important as his plane, the Albatross.

Cooperating with Jensen on the present tour, Durant dealers throughout the entire Pacific coast territory will care for the land transportation needs of the famous flier. Jensen has shown a decided preference for the Durant Star Four sport roadster and wherever possible, he has requested the use of these popular sportsters.

"Airports in most cities of the United States are usually located on the outskirts of cities and towns. This is made necessary because of the congested areas, tall buildings and lack of sufficient acreage in the large centers. Were it not, then, for the automobile the fast transportation afforded by the airplane would be of little value to the traveler.

"What would it avail one, for instance, to take an airplane between two important cities such as Oakland, where the big Durant factory is located, to San Francisco, if he had to spend almost a day in reaching the center of town. Then, again, where would aeronautics be today if those interested in aviation had to depend on "old Dobbin" to transport them from their homes to a distant airport?"

"We in the profession believe that the automobile plays just as important a role in the present day transportation needs as does the airplane. At the termini of the great transcontinental and Pacific coast passenger and mail carrying airplane companies, automobiles are just as necessary in bringing freight and passengers to and from the airports as is the airplane in carrying its load from one field to another. Many of the larger companies operate fleets of trucks and passenger cars in connection with their airway service and it is the prediction of many in the airplane business that within a short time, street car and steam train lines also will be built to all important airports in the country."

U. S. A. DEBUTANTES PRESENTED AT COURT DID WELL THIS YEAR

LONDON (AP)—American debutantes are congratulating themselves on the fact that none of their number who was presented at the recent courts disgraced herself by tripping, or falling to curtsy or losing her feathers at the crucial moment when she faced the king and queen.

For days preceding the courts, London newspapers devote much of their space to "Do's and Don'ts for Debs."

Here are some of them:
"On the night of the court, when you are going to be presented to King George and Queen Mary, don't be embarrassed by the gentleman in black silk breeches just inside the door of Buckingham palace. Sweep past him. His faint resemblance to the king has chilled many a young heart for a moment, but the king doesn't answer his own door."
"Don't worry about slipping when you curtsy. A thousand other debutantes are worrying more than you, but the carpet in front of the throne is specially thick and clinging."
"Don't use any scent. The queen dislikes it, and her smile might show it."
"When you go to court don't let the excitement make you lose

your appetite. The queen doesn't like fainting debutantes. And a nice little dinner is a better investment than a tiera.

"When you go to Ascot, the great royal races meet and glittering fashion parades. Don't expect Queen Mary to make a bee-line towards you, in spite of the gracious smile she gave you at the court. Her meets are not her long suit anyway."

Use American Architecture

SYDNEY (AP) Features of design and equipment of American office buildings have been adopted in Australia, the influence being noticeable particularly in Melbourne and Sydney, where several skyscrapers are under construction. The tall, graceful and simple modern buildings are a striking contrast to the older, ornate and ponderous structures.

BULGARIA SHAKES OFF QUAKE RUIN

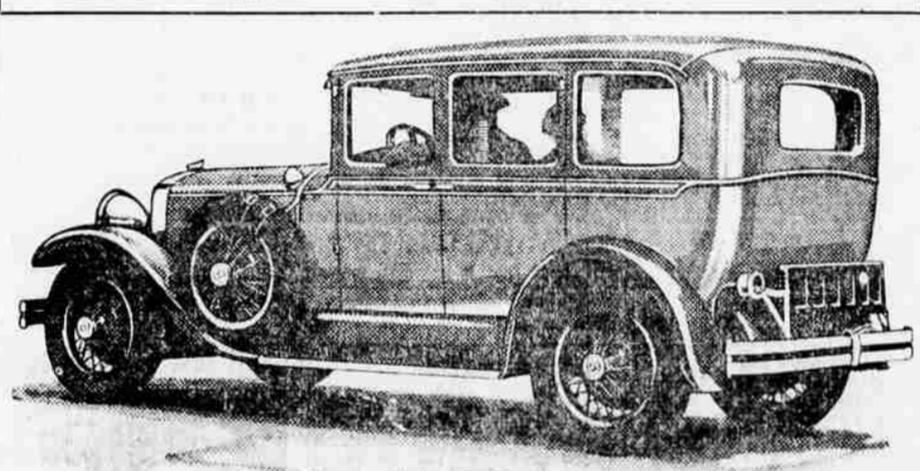
SOFIA (AP)—Levelled to the ground almost as the Temple of Jerusalem, with no stone standing, middle Bulgaria is slowly shaking itself loose from the effects of one of the worst earthquakes in Bulgarian history.

The wreckage of 2,000 houses, which were entirely demolished in Wolograd, and also from America, being cleared away, 6,000 homes which were entirely un-inhabitable are being rebuilt, and middle section to begin the work fully 20,000 houses which were damaged are being repaired. One hundred thousand persons were deprived of habitation by the earthquake after the earthquake, and 20 were killed.

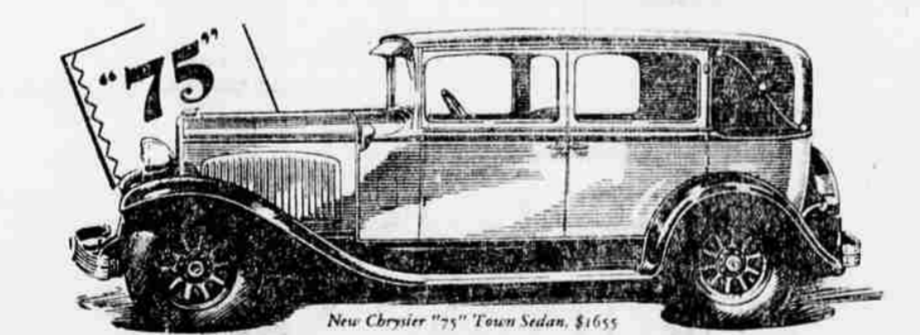
So great has been the loss of dwelling houses that sufficient accommodations have not yet been found for all those who were rendered homeless. Some persons are still sleeping out in the public parks near Plodiv to Middle Bulgaria. The public squares and commons are covered with tents improvised from all kinds of materials, from muslin to gingham.

Financial assistance has poured into the stricken area not only from other parts of Bulgaria, but from practically every country in Europe, and also from America. The wrecks of 2,000 houses, which were entirely demolished in Wolograd, and also from America, being cleared away, 6,000 homes which were entirely un-inhabitable are being rebuilt, and middle section to begin the work fully 20,000 houses which were damaged are being repaired. One hundred thousand persons were deprived of habitation by the earthquake after the earthquake, and 20 were killed.

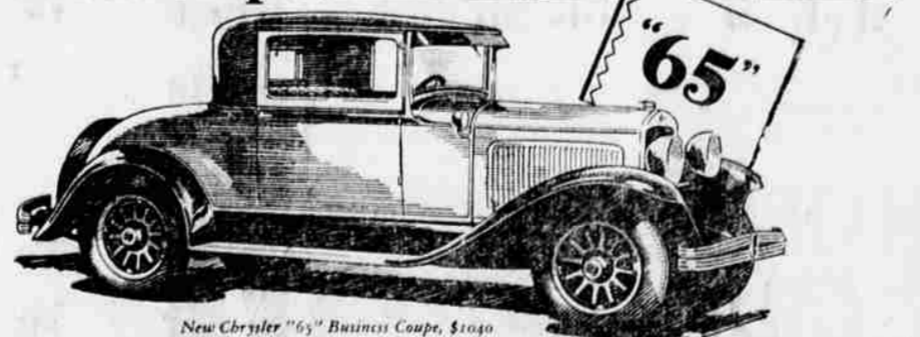
New Riding Comfort Feature of New Studebaker



The beautiful new President Eight Studebaker represents a value achievement of great significance. Many new advancements in design contribute an unusual degree of riding comfort to the new Studebaker. The State Sedan is pictured above and is handled in Medford by the O. V. Myers Company.



CHRYSLER..Your own eyes will convince you of this new style leadership...



THE eyes of the nation are selling these new Chrysler cars to the nation... Chrysler "75" and Chrysler "65"—both stamp themselves on sight as new styles so striking that they are bound to change the course of motor car design... Here is one of those instances—rare excepting in Chrysler history—where the car is its own best advertisement and its own most eloquent salesman.

New Chrysler "75" Prices—Royal Sedan, \$1535; 2-passenger Coupe (with rumble seat), \$1535; Roadster (with rumble seat), \$1535; Town Sedan, \$1635. All prices f. o. b. Detroit. (Wire wheels extra).

New Chrysler "65" Prices—Business Coupe, \$1040; Roadster (with rumble seat), \$1065; 2-door Sedan, \$1065; Touring Car, \$1075; 4-door Sedan, \$1145; Coupe (with rumble seat), \$1145. All prices f. o. b. Detroit.

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quicker and shattered their homes. Other tremors continued to be felt for several days thereafter. The people believe that at the moment another big quake may come to complete whatever work the first one has left undone. Nevertheless, they have to work with the aid of volunteer and -men to clear away the debris.

OAKLAND—Motorcycle Patrolman I. V. Brandt and Lester Montano, will receive \$2500 each for their share in capturing the trio charged with murdering Charles W. McFarlin, bank teller, during a robbery attempt last Wednesday. The money was raised by business men. The presentation ceremony will be next Monday.



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