

NEW MOTOR IS USED IN PLANE

Distinct Stride Made in Industry With Perfection of Oil Burner

DETROIT, Sept. 20.—(AP)—The Packard Motor company today announced successful completion of test flights with an airplane powered by an oil burning motor, the first Diesel type airplane engine ever built.

The demonstration, which Packard officials believe marks a revolutionary step in development of aircraft power, was made in a regulation Stinson-Detroit monoplane, piloted by Walter Lees and Captain L. M. Woolson, both of Detroit.

Former Senator Truman Newberry of Michigan and a score of aeronautical officials witnessed the test held over a local field.

The motor is of a radial air-cooled type and develops 200 horse power. With the use of the Diesel principle of oil for fuel the engine does away with gasoline, ignition systems, spark plugs and other trouble "bugs."

Elimination of those parts, officials said results from the firing from compression in the cylinders.

Diesel action that has been applied up to this time in only extremely heavy engines for power plants and in boats. The new engine has fewer parts than even the lightest gasoline engines and its designers claim for it three outstanding improvements over the present type of aircraft motor. They are:

That the danger from fire from gasoline is entirely removed.

Both fuel consumption and fuel cost are considerably reduced, it being claimed that the motor will carry a plane 25 per cent further with the same weight in oil fuel as compared with gasoline.

Radio communication to be made possible by cutting out the interference due to the present electrical ignition systems on gasoline engines.

JOHNNY FARRELL GETS ELIMINATED

MAMARONECK, N. Y., Sept. 20.—(AP)—Johnny Farrell of Quaker Ridge, national open golf champion, was the third holder of that title to be eliminated from the Metropolitan Professional Golfer's association championship, going down before youthful Tom Creavy of Bungle Briar on the 19th hole in their third round match today. Two former open champions, Cyril Walker and Jim Barnes, were defeated in the first round yesterday.

With a strong wind blowing and rain half flooding the greens, good golf was impossible, but Creavy played surprisingly well under the conditions. Going out in 37, he reached the tenth hole four up on the champion only to have Farrell stage a rally and win five holes in succession. Creavy squared the match by winning the sixteenth and took the extra hole with a five to Farrell's six.

Ducks and Geese Devastate Farm Area, Complaint

KLAMATH FALLS, Ore., Sept. 20.—(AP)—Grain growers of the Tule Lake district near here have complained that game birds are raiding their crops, and that unless special permission is granted to scare the birds away by shooting at them, much loss will result.

"Two years ago," one man said, "ducks and geese invaded our grain fields before harvesting and consumed about 8000 sacks of barley from 300 acres of land." The same hordes of geese and ducks are on hand this year, it was declared.

Women's Tourney To Start Sunday

The first round of the women's fall handicap tournament on the Illahee Golf and Country club links will be played Friday, starting at 9 a. m. Members who find it necessary to default have been asked to notify Mrs. O. C. Locke today. Pairings are: Mrs. Ercel Kay vs. Mrs. Hixon; Mrs. H. H. Glinger vs. Mrs. Clifford Farmer; Mrs. L. C. Farmer vs. Mrs. H. G. Maison; Mrs. Paul Hendricks vs. Mrs. Vic MacKenzie; Mrs. Gillingham vs. Mrs. Roy Simmons; Mrs. J. H. Garajobst vs. Mrs. W. A. Johnson; Mrs. T. A. Livesley vs. Mrs. Walter Kirk; Mrs. E. L. Baker vs. Mrs. Daryl Proctor.

Longview Named As Port of Entry

PORTLAND, Ore., Sept. 20.—(AP)—Longview has been designated as a port of entry in the Oregon customs district under an order signed by President Coolidge, and arrangements will be carried out for the formal establishment of a support there October 1. Official information to that effect reached the collector of customs here today.

Radio receivers equipped with a phonograph pickup jack have met with favor with many fans. Through such a pickup, the phonograph output may be fed into the audio end of a receiver and it, with the loudspeaker, used for almost ideal reproduction of records. Such jacks, Kellogg announces, are included in three of its models.

Has Birthday



William Howard Taft, chief justice of the United States supreme court, celebrated his 71st birthday September 15.

The lesson that Eugene has learned from its oil well experience is that a theologian is not a geologist. — Albany Democrat-Herald.

Next Asiatic Expedition To Seek "Missing Link"

SAN FRANCISCO, Sept. 20.—

(AP)—Hopes of finding the long sought "Missing Link"—the common ancestor of ape and man—on the next expedition to the arid regions of Central Asia was voiced today by Leslie Erskine Spock, geologist with the Roy Chapman Andrews expedition, who arrived here with two cases of fossils. Accompanying Spock was James B. Shackelford, official photographer.

The expeditions into the Gobi desert have convinced the scientists that the territory is the oldest continuously dry land on earth, Spock said. "This fact supports the theory that it was the cradle of the human race, and we hope sometime to find there the missing link."

TEAR GAS USED TO QUELL RIOT

Prisoners Go On Strike at Penitentiary, Charging Cruel Handling

BALTIMORE, Sept. 20.—(AP)—There was comparative quiet in Maryland penitentiary last night after tear gas bombs were used effectively this afternoon to quell the disturbance started Monday night by convicts who claim they were denied a public hearing on their charges that "officials have absolved guards at the jail of cruel and inhuman treatment of prisoners."

Of the 800 prisoners who took active part in the demonstration, Monday night, only 208 still continued on their "strike" today, and barricaded themselves in their last defiant stand against the prison authorities.

Steel chains were ripped from their cots and wrapped around their cell doors so that guards could not gain admittance. Some "striking" convicts piled their cell furniture against the doors as additional barricades. Some of the chains were chiseled away by guards and the inmates of the cells handcuffed and taken to more remote parts of the prison.

When the others continued in their rebellion Warden Brady ordered the tear gas squad of the police department to spray one section of cell blocks with the tear gas. Five "striking" convicts were rendered helpless by the fumes and were taken from their cells and lodged in other sections of the building.



Two DETROITS would fit into "DUNLOP CITY"

Throughout the world the productive Dunlop properties cover so vast an area that—if combined into one place—they would form a "Dunlop City" of over 100,000 acres.

BEFORE Detroit started to make motor-cars, Dunlop had founded the pneumatic tire industry.

Thanks to the automobile, both Detroit and "Dunlop City" have grown tremendously.

Now Detroit reaches out over 52,686 acres, while "Dunlop City" covers over 100,000 acres.

And even greater than the size of "Dunlop City," is Dunlop's world-wide reputation for building uniformly supreme Dunlop Tires.

Supreme quality made possible Dunlop's great size. In turn, Dunlop's great size makes possible this same supreme quality, at lower prices.

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First in both Class "A" events of the world's greatest air derby! Three new aviation records!

Leading a field of 37 starters in every lap except one during the entire flight, Earl Rowland in a Scarab-motored Cessna Monoplane covered the 2939 miles of the Class "A" transcontinental air race from New York to Los Angeles in 25 hours, 14 minutes and 6 seconds elapsed time—a new record for planes of this class!

Rowland used Richfield Aviation Gasoline exclusively, competing with practically every well known brand of gasoline that is sold.

Immediately following Rowland's sensational feat, H. S. Myrhes in a Simplex Monoplane powered with Richfield Aviation Gasoline and Richline Motor Oil

won the Class "A" San Francisco to Los Angeles race with an elapsed time of 3 hours, 10 minutes and 20 seconds; while the huge tri-motored Fokker Monoplane, "Richfield" sped down from San Francisco with a load of 10 passengers in 2 hours and 13 minutes, establishing still another aviation record.

Rowland's and Myrhes' great victories follow on the heels of Art Goebel's record breaking non-stop Coast to Coast flight and Captain Wilkins' hazardous 2300-mile dash over the North Pole—both made with Richfield.

Richfield continues to demonstrate its great winning qualities in competition—the qualities which have won more speedway victories and records than all other gasolines combined.



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Corner of Center and Church Streets
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