

Will Speed 80 to 85 Miles Per Hour. Dispatches
new dis week announce a
departure in automotive power new departure in automotive powe
when a car powered with d diesel Io
celinine enine made the trip of
miles, Columbus to Indianapols
 The experiment marnss the fimest tim

 The engine is operated by fuel
whici coste e eight cants a ganlon
is capable of moving the regular auto mobabile ohassis at
60 miles an hour

 use in the Indianapolis memorial day
reabitor and demontration or the re
tiability and economy of oil burning
 tire grind we hope to teliminte on
stops and to maintain a speed of
so



 refinements for passenger car ine
except perfection of n throtuling device which allowed the driver to con-
trool he ensine Ilike an ordinary gasotine motor, enise, the result of 12
Cearsmins
years of work in the fied difers from years of work in the field differs from
ordinary Diesel engines in that the
fuel is gasififed before being injected into the cylinders.
The oill, from which gasoline has
been extracted by distillation, is used. been extracter of the cummins is a
The injector of $\begin{aligned} & \text { miniture still which "cracks" the oil } \\ & \text { under pressure and extracts what }\end{aligned}$ gasoline remains.
Each charge to the cylinders i one-third the size of a grain of rice.
Injected into the cylinders, the gaso-
line is ignited and furnishes enough 훙․․ 흐N

 Jected. one-trree hundredths of a seeond
the tiny bit of fuel lis. measured out,
the


 | Cunmins side |
| :---: |
| any direction | may be bullt for trucks and trectors passenger automobiles, or dirigibles

Automobile eng ines would meet any more economical "There is no no warm
ing up.' After the engine has made one turn, the full load can be thrown
upon it. The air for ignition become
red hot under the pressure whethe ret is mid-summer or 40 degrees be
tit
low zero."
Automotive experts viewed the experiment ${ }^{\text {as }}$ additional proof o
American's leadership in the develop ment of the Diesel engine. Foreman Ramsay is the only pebble
to be counted in the man power employed at the present time on the
Northern Pacific branch, entering Ath two menetofore he half he been allowed during the win-
ter months. Fred Willo Cer months. Fred Wiison and Willar
Crabill are the section men to be laic
of temporarily As an Irishma
would suy, "th' En' En Pay must be a dim nycrat, elise begorrah, they'd be dotin do; keep
ments."






| Tex Rankin Sets Mark For Outside Loops, Doing 13 Over Portland Field |  |
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| Although the spark plugs in one ofthe four cylinders of his plane fouled and that cylinder quit when he was half through the performance,Rankin made 34 tries, out of which |  |
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| the contest committee allowed him19 complete loops. The previous |  |
|  |  |
| races last year, was 13 attempts. <br> An outside loop is a loop with the |  |
| pilot on the rim of the circle and the landing gear of the plane thwardthe center. It must be started with a dive and ended with a climb-just |  |
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| Rankin started stunting at 5000 \|fore starting back up. |  |
|  |  |
| admitted, after he had climbed out of |  |
| the plane on his own landing field strone and $I$ felt it all right, but it wasn't realls unpleasant. I intended |  |
|  |  |
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| gine got to balling so 1 couldn't get |  |
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| outside loops have been held out assuch a grean stunt It's prety hardon the ghip, of course, but it wasn't really dangerous. |  |
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| if wearing $a$ a chate were the veryepitome of caution. |  |
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| Tex made his record performancein a little Great Lakes plane with an air-cooled 85 -horsepower motor. The loops were made over the Swanisland airport. |  |
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| Frances Mariorie Wiley Dies At Tillamook Home |  |
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| of a former superintendent of Ath-ena schools, died at her home in Tilena schools, died at her home in ti-lamook, Oregon, December 21, at the age of 17 years, seven months and |  |
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|  |  |
| 11 days. <br> From the Tillamook Headlight, we |  |
| learn that the young lady was greatly beloved by all who knew her. She |  |
| was an active member of the Presbyterian church, the order of the Rainbow for girls, the Juveniles of the Neighbors of Wooderaft, the Mc- <br> Nowell Muic club and a |  |
|  |  |
| Dowell Music club, and a member of the senior class of Tillamook high |  |
| school. She was a promising activities in the Presbyterian Sunday school. |  |
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| Miss Wiley was born in Athena, April 1, 1912, at which time her |  |
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| tendent of schools here. <br> She leaves to mourn her loss, her |  |
|  |  |
| She leaves to mourn her loss, hermother and step father, arr, and Mrs. |  |
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| $\begin{aligned} & \text { J. L. Steinbach, two sisters Lucia and } \\ & \text { Muriel Wiley, a brother, Wayne } \\ & \text { Wiley, two half brothers, John and } \end{aligned}$ |  |
| Howard Steinbach; A grandfather, C. |  |
|  | Total Receipts |
| Banks Pinancial Statement |  |
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| The First National Bank of Athena answered the last call of the comp- | subs, |
| troller of isg currency for the year 1929, at the close of busines, De - |  |
| cial statement. The statement which appears in today's Press, shows de- |  |
|  |  |
| posits totaling $\$ 842,678.55$ loans $8574,-$ | Total Expenditures ${ }^{\text {a }}$ |
|  |  |
| stockholders of the First Nationa will be held in the bank oflces nextTueeday, January 14, at which time offcers and directors will be electedto serve for the ensuing year. | The report states that the lights for |
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|  | The ity council voted dz60 for library |
| to serve for the ensuing year. <br> Miss Crawford Honored | librarian a salary of $\$ 240$ per year. Members of the library board are |
| Grande.-Permanent organization of the Associated Students of the East |  |
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| ern Oregon Normal School has been completed and the honor of being |  |
|  |  |
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| Juanita Crawford, who holds one of the im portant positions among the eight of ficers elented, has assumed her dutieswith the opening of the winter quart-$\qquad$ | 1051; stories 1084-total adult books,8457; children's books, 2135 -grand total of circulation, 10,592 . |
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|  | The Oregon Poster Stamps |
|  | stamps has been so enthusiastically received that it is necessary to is- |
| mbia Gorge stage syatem from the |  |
|  | so the Oregon Chamber of Commerce |
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| and 1:55 and $6: 50$ p. m. All stages stop at the Athena Hotel, where tickets are on sale. |  |
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