# KNIPPER LOOKS FOR NEW RECORD

Henderson Driver Predicts Fastest Time in History of Speedway.

MUCH DEPENDS ON WEATHER

Speed Bug Sees Marks of Harroun and Dawson Tumbling Before Coming Fliers.

"New Speedway records for 500 miles will be made when the smoke clears away on Memorial day after the running of the third five-century race on the Indi-t anapolis track." says Billy Knipper, driver of the Henderson entity in the biggest speed event of the year. "Joe Dawson's mark of 78.72 miles an hour can not stand and I believe that the winner of this race will have to average between eighty and eighty-three miles an hour, although I do not believe that the race will exceed an average of eighty-three.

"To the superfield follower of the racing game this seems a broad statement. Consider, however, that more than twenty-five of the thirty-one cars entered-will qualify in the time trials and that they will represent the fastest cars ever built in the old or new world with a piston displacement of less than 450 cubic inches. The space eaters that will get the gun in this international race will represent the engineering genius of America. England. France, Germany and Italy, and the best drivers in the game today will be behind the wheels of the starters.

That the old record will fall is my firm belief if the weather conditions that prevail are in any way similar to those of the last two events, when Harroun in 1911 and Dawson in 1912 startled the world with their victories and marks. have heard it said that the record will ling to its construction and also to not fall. However, this as a rule is modified by the statement that the present necessary to exceed eighty-five inflest

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#### UP TO THE CARS. "Everyone, whether a race fan or not. must admit that there is no other hasis

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already demonstrated that his cars were faster with a motor of approximately 400 inches than one near the limit. Personally-I-favor-even-a-smaller-motor, and the Henderson with a bore of 45-16 and a stroke of six inches measures 350.5 Many other cars like the cubic inches. Henderson will be equipped with wire wheels and noticeable among these is the Isotta team from Italy. The wire wheels make a car livelier, as the lightness of

effect and saves the tires as well as facilitating rapid tire changing, as the wheel and not the rim is replaced, which saves time. "Every car that starts in the race will have to show an average-speed of seventy-five miles an hour for one lap of two brickcourse in the qualification trials before the race—that is, they will have to lap the track in two minutes or less. This means that a car capable of starting in the race will be a fie to show a speed of 100 miles to be on the straightaways. Then

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The pace set at the start, however. is going to boost the average and endanger the present record, although almost without exception the American drivers entered know the Indianapolis track and the foreigners in their short practice of two weeks will not be able to become as familiar with the peculiarities of the brick course and the limit to tire endurance in such a race. From a 'dope' and mechanical standpoint thus we can easily see that the records of the previous race will fall. However, no matter how much thought

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"Should the weather conditions be un-

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of the Indianapolis classic except the will stand the assault of speedler cars. Extremely hot weather will be fatal, The friction at high speed—coupled with the heat absorbed by the brick track, will provide a temperature at the point of contact between the end brick that will literally burn the rubber tube, and higher speed will meet with this insurmountable But if the weather is cool and if by chance it should be cooler than last year, the rule of speed that will fer turn the winner will surprise even the most optimistic disciple of racing and

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## FOREIGNERS CONTENDERS.

for the first 400 miles of the race.

"While many of the critics do not expect the foreign ears to win it must be admitted that when some of them can ererage on the Brooklands (Eng.) Speedway 106 miles an hour for an hour's continuous driving they are going to make every one go some, at least in the beginning of the race. I look for them to he serious contenders, at least they will set a fast pace in the early stages of the event, but whether they will last or not remains to be seen. This much is true. both of the previous five-century events have been won in the last hundred miles.

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eight ' "Should the weather conditions be unseeing such events. Speed favorable the mark made in the last race will stand the assault of speedier cars. it Llie evious taxticaners hot weather will be fatal. the stanchest supporter of the worldquirefriction at high speed-coupled with the record-holding Santa Monica heat absorbed by the brick track, will wance provide a temperature at the point of CHHIPSE. "The second race was won in 6:21:06, or ts the contam between tire and brick that will s been literally burn the rubber tube, and higher twenty-one minutes and two seconds faster than Harroun's time in 1911. Daw-450 is speed will meet with this insurmountable son's National was five minutes ahead of make [barrier. But if the weather is cool and the record at 100 miles, fifteen mimites faster at the 200-mile post, and eighteen nt has if by chance it should be cooler than hist year, the rate of speed that will res were iminutes ahead at the third ely 400 turn the winner will surprise even the mark. The winner averaged for the first. erson- most optimistic disciple of racing and 1100 miles the best time of the race, 80.7; r, and the second 100 dropped to 78.3, and the 16 and 1 third century average was the lowest, € 350.5 | 77.1. Between 300 and 400, Dawson reeled ke the off the miles at the rate of 79.5 miles per wire Member of Mason Team. hour, and in the final hundred, when Deis the Palma lost out, he averaged 78.0. Wheels fastest twenty miles was at the close when ess of he made the final eight laps at an avvwheel erage speed of 84.21 miles per which shows that American brains and rell as as the mechanism conquered the foreigner and which stood the test in the final moments. CONDITION OF TRACK. ce will seven-"Another thing that will have much to of two do with records will be the condition of the track. The Speedway management brick before has improved the surface, smoothing off lap the the rough places and filling any fissures means caused by the winter freezes ne race cement mixture. Another thing that will help to raise the record will be the sand-0 miles ing of the turns, under the direction of Chief Umpire George Weidley, by ex-Then gineers perienced men, both on the south and north-turns. This will cut off the ails better for it and greases dropped by the cars and in the make driving safe. eighty cle I am confident that when the sun sets tot in the west. May 30th, that the Indianapolis Motor Speedway will have, and the S. reh thousands of spectators that spend the giv day in the stands will have seen, a new not exrecord hung up for a distance of 500 miles sat iust be m շնայ⊅ for cars junder 450 inches.

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the plantages were fictored with in 1911 then tuned and meaning that and 1912 of the records will become future possibilities of motor racing; that

er. It is said that at midnight during

this race, these four men were eating

the performance of the National gave

them courage to presume that other marvelous races could be run and that

the public would actually by interested in:

NO JOUNCING FOR THIS LOAD.

Du Pont de Nemours Powder Company

has bought a Studebaker "20" delivery car to carry detonators on a route through the Pennsylvania and West

Virginia mining districts. The highly explosive nature of the load ensures its

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