## THE OMAHA SUNDAY BEE MAGAZINE PAGE



LATEST NOVELTIES AND DARING EXPLOITS OF THE FLYING MEN

Illuminated Airships That Trace Fiery Pictures on the Sky, the "Loop-the-Loop,"the "Sideways-"Sideways-Roll" as

Roll," the "Upside-Down Flying," and Other Gravity and Death-Defying Feats

upside-down as well as rightside-up is not very highly regarded these days.

Within the past few months professional air-pilots have demonstrated that no manosuvre is too difficult for the skilled aviator to execute, although most of the feats perfermed have been of the hairraising order as far as the spectators were concerned.

Recent aerial exhibitions have rerealed, too, what splendid spectacular possibilities lie in the illuminated seroplane. Outlined with electric lights, acroplanes have been used in England at night and have produced most beautiful effects, rivalling the most elaborate of pyrotechnic displays of former days.

But the aviators' exploits of daring have aroused the most interest. Alphonse Pegoud, the daring French aviator, started the ball rolling last September. He had previously shown his intrepid courage by leaving his aeroplane at a great altitude and descending in a parachute. But that was not enough. He wanted to do the "loop the loop."

At Juvissy he performed this marvellous manoeuvre in a Bieriot oplane. After ascending to a height of about 3,000 feet, he started to descend at lightning speed. Then se voluntarily overturned the maabine and sped along in its upside-

N aviator who cannot fly down for about a quarter of a mile. Suddenly he righted himself and descended in a series of spiral

manoeuvres. The actual figure described by Pegoud in this flight resembled an S rather than a loop, but the performance was the signal for a series of others in which not only the "loop the loop" proper, but numerous other feats, even more daring and spectacular, were executed.

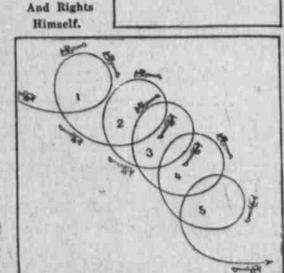
Within a few days Pegoud added to his aerial repertoire so that it included four definite and distinct

The first number on his programme has already been described. The second is the "loop the loop" proper. Sitting on the outside edge of his machine, Pegoud dives as usual in order to gain momentum, tucks the nose of his machine under him as he does for the upside-down flying and completes the circle, so that when he comes to the top of the arc he is flying level and right way once more.

The third contortion might be called the "sideways roll." Falling vertically head down as before and turning onto his back, Peggud warpa his wings to the utmost limits of the control and rolls over sideways into an upright position. This manocuvre is illustrated in the upper

diagram on this page. The remaining figure is accomplished as follows: Pegoud climbs steeply upward until his machine comes to a standstill, provoking a deliberate tail-silde. The machine slips backward and then its tail gradually elevates and swings the

Executed by Pegoud and Chevilliard. After Falling Vertically Head Down and Turning the Machine on Its Back, the Aviator Rolls Over Sideways



The Diagram Shows How Pegoud and Other Daring Aviators Now "Loop-the-Loop" Five Times in Succession.

machine into a head-down position from which the aviator executes a curving-dive. This feat is repeated several times before straightaway flying is resumed.

Since then Pegoud has added sev-

eral other accomplishments to his programme. Four, five, and even six "loop the loops" have been executed successively, and there is apparently no limit to the number of times the manocuvre may be repeated.

While in performing these remarkable feats the aviator has usually

been more unruffied than the spectators, his experience could hardly have been a very pleasant one. He declared that while flying upside-down the gasoline leaked drop by drop out of his fuel-tank and fell into his face. The draft from the propellor blew it all over him like a spray. "It was fust like being in a barber's chair upside-down and being sprayed all

over," he remarked.

feasible, Maurice Chevilliard, another French aviator, performed a series of daring exploits at Buc which were even more remarkable. Upside-down "stunts," spirals and "loop the loops" were performed in a fifty-mile

gale in perfect form. Chevilliard worked a light-weight stock Farman biplane, using a single light strap around his waist as his

only support. Within a few weeks after Pegoud From a height of 800 feet he emonstrated that the "loop the spiralled down, with wings perpender" in an aeroplane was entirely dicular, turning in a little more than

sustained while "looping the loop" at Antwerp. As soon as he recovers, however, it is believed he will resume

his hair-raising work.
But the Frenchmen have not a monopoly on this class of work by

in England, B. C. Hucks quickly demonstrated that upside-down flying was by no means a national eccen-

tricity. At the Hendon Aerodrome, in the suburbs of London, Mr. Hucks executed six "loop-the-loops" in suc-American aviators have caught the habit, too. Lincoln Beachey, one of the most daring aviators so far pro-

able work at North Island, California. On one occasion he ascended to an alevation of 3,500 feet and then turned the front of his machine downward. At about 1,000 feet he the circumference of the machine. He didn't straighten out until within brought the machine up with A few days later Chevilliard introduced the "cork-screw loop the loop." the loop at a 300-feet altitude and Five successive loops were executed. then went directly into the vertical starting at a height of some 2,500 again, in which position he turned feet, the machine flying sideways and his machine around twice on its rolling over and over in cork-screw own axis.

fashion as the loops were described. The remarkable feature about all A week later Chevilliard turned these exploits is that in almost every somersaults with a passenger in his case regular stock aeroplanes machine. His feats were recently used without any important changes brought to a temporary stop as the being made in them.



Remarkable Effect Produced by a Rapidly Moving Illuminated Aeroplane at Night,

sixty feet of the ground.