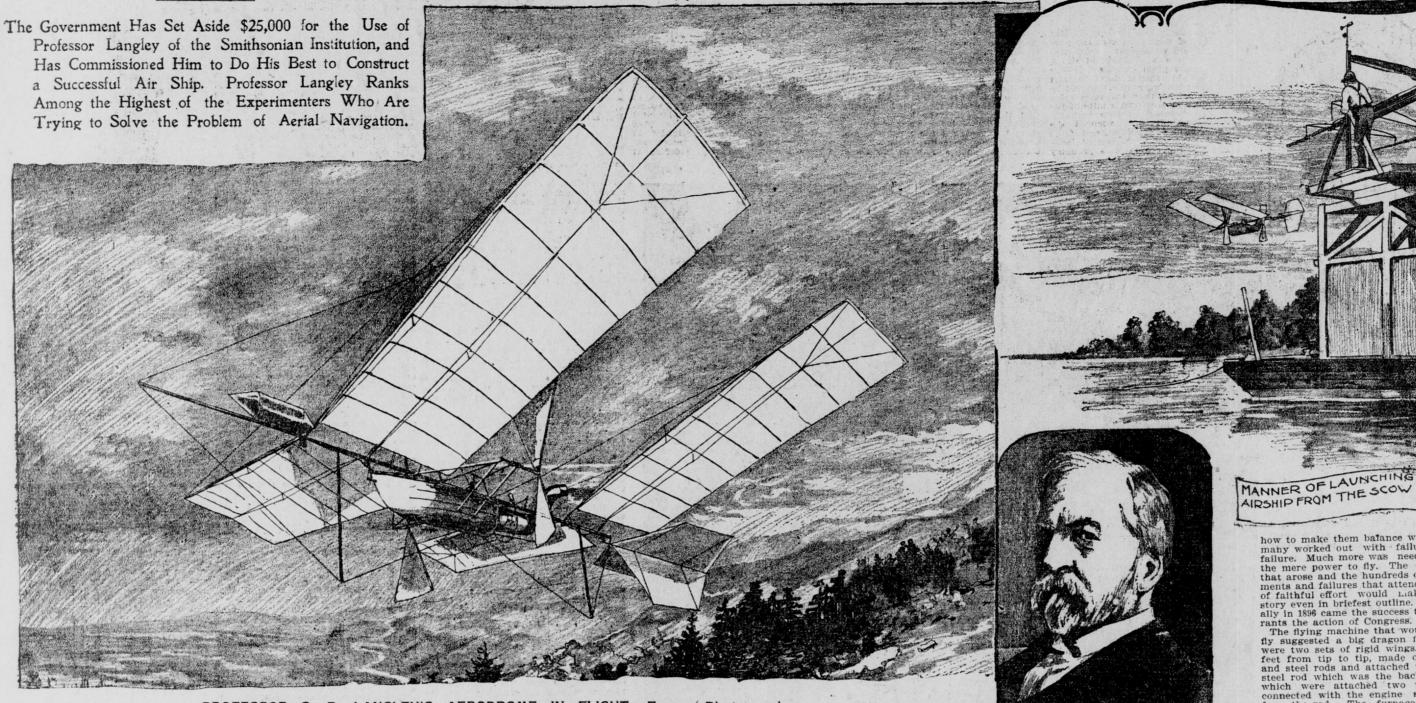
UNCLE SAM WILL TRY AND CONSTRUCT AN AIRSHIP



PROFESSOR S. P. LANGLEY'S AERODROME IN FLIGHT.-From a Photograph.

This flying machine is said to represent the greatest advance toward aerial navigation that has been invented to date. Professor Langley will use it to start his experiments for the United States Government, for which Congress has just advanced him \$25,000.

United States Government, for which Congress has just advanced him \$\$25,000.

Which are: The convernment has given Professor Langley's disposal, and he with scientific knowledge who recognized the fact that the great built of a buong the charge of a fright machines of the fact that the great built of a buong the charge of the same through the charge of the arm.

The problem now is to constructed, development and testing of a fright machine of the work proposed for it. I do not know, of course, what the result of the bugs and the with the most has a stated the purposed of the it. I do not know, of course, what the result of the began and possibilities in the work proposed for it. I do not know, of course, what the result of the great experiment will be an altered building experiment has a strated the purposed of the it. I do not know, of course, what the result of the great experiment will be an intelligent force in the machine of this facilities of the country of the work proposed for it. I do not know, of course, what the result of the great experiment will be an intelligent force in the machine of its direction."

The problem now is to contruct the airsib, the model having done as an intelligent force in the metable for its direction."

The problem now is to contruct the airsib, the model having done as an intelligent force in the metable for its direction."

The problem now is to contruct the airsib, the model having done as an intelligent force in the metable for its direction."

The problem now is to count the contract of the work proposed for it. I do not know, of course, what the result of the great experiment will be an intelligent force in the metable for its direction."

The problem now is to contruct the airsib, the model having done as an intelligent force in the metable for its direction. The problem now is to contruct the airsib, the model having done as an intelligent force in the metable for its direction. The problem now is to count the contract of the work proposed for it. I do not know, of co

how to make them balance was one of many worked out with failure after failure. Much more was needed than the mere power to fly. The problems that arose and the hundreds of experiments and failures that attended years of faithful effort would make a long story even in briefest outline. But finally in 1896 came the success that warrants the action of Congress.

The flying machine that would really fly suggested a big dragon fly. There were two sets of rigid wings, thirteen feet from tip to tip, made of canvas and steel rods and attached to a long steel rod which was the backbone. to which were attached two propellers connected with the engine suspended from the rod. The furnace was in front, the coils of the boiler wound toward the rear and the smoke stack stuck out behind toward the rudder. The entire weight of the aerodrome was thirty pounds and the odd boiler and engine weighed five pounds, and would supply one and one-half horse power for five minutes, driving the propellers at 1200 revolutions a minute. The cylinder in front was designed merely to keep the machine afloat when it landed in the water.

When this queer but comparatively simple flying machine was ready there were months of trouble in solving the problem of launching it in the air over the Potomac River, chozen so that the machine might land uninjured in water. Finally a successful apparatus on a barge was devised.

In 1896 this aerodrome repeatedly flew from half to three-quarters of a mile at a speed of thirty miles an hour, descending in safety to be recovered. "A miracle!" said wondering witnesses. A flying machine had at last flown, and it was the scientific evolution of years. A thousand problems had been solved, and the practicability of mechanical flight demonstrated. Langley paused in triumph and said to the world. "There are the principles; go ahead." Now the nation tells him to go ahead himself.

FAVORITE HEROES OF THE WAR TATTOOED ON THE ARMS OF ENTHUSIASTIC SOLDIERS AND SAILORS.

FAVORITE HEROES OF THE

Special to The Sunsay Call.

CORES of jack tars in the North
Atlantic squadron wear Admiral
George Dewey on their left arms
above the clow. Ti is a portrait tattoode in green and red
and stripes entirely. The the would illustrate him to be
arrived by a wreath with the stars and
man in the navy, with "Fightings Bob'
The Santagones, a Phillip, a Schley and
man north enveloped and the support of the tire the fight. He assertained that any
and army of the United States has been
for the without the suns any number of "Liberty" and "The
Man Behind the Gun."

Indeed, since the war began the navy
and army of the United States has been
for the suns and the bear of the suns and the support of the suns and the support of the suns and the suns and

when the pricking was done it is surposed to the station of the American deed as station of the American deed of the Spanish ships as they appeared from the Brookly, nearly and the most proposed of the Spanish ships as they appeared from the Brookly, nearly and the station of the Spanish ships as they appeared for the Spanish ships as they appeared the they appeared for the Spanish ships as they appeared the spanish





