Page Eight

Saturday, May 4, 1935

Fifty Mile An Hour Air Stream to Test Miniature Autogyro

Full Size Gliders Constructed By Memori's C. J. Green & Co. Only

The huge wind tunnel in Building 23 will be put into operation today for the first time since its Open House.

This tunnel, which measures four feet square and is capable of producing a wind velocity of 100 miles per hour, is used by aeronautical engineers to test different types of plane models.

Lift Measured

The drag and lift on the plane model are measured by means of a very sensitive, automatic wind gauge, the only one of its kind.

Auto-Gyro Tested

Today, as a special feature, a model of a auto-gyro, reputed to be the smallest type of airplane in use, will be tested in the wind tunnel, and its actual safety indicated. The smaller wind tunnel, in a room adjoining the large one, will also be running, testing various models of plane sections.

In the same room as the large wind tunnel, there is a "towing tank" which is used for determining the streamlining of objects in towing sections, or for the study of how an object is dragged through a tank and the efficiency of propulsion and the turbulent and streamline forces which act on the object in the towing tank.

With the help of the water pressure system by the action of the water.

Aircraft Exhibited

This tunnel, the smallest in the country, is determining perfect streamline in small models.

On the third floor of the building various pieces of aircraft are on exhibit, including section of flying wing sections, and propellers will be on display.

Here also, in the drawing rooms will be displayed student drawings of detailed airplane design, propeller design, engine design, and stress analysis of Gliders during flight.

Competition For Class Crews On

All Crew Men Should See Manager Hayes For Signups

Crew Manager Johnny Hayes in charge of that sport, will meet with the crew for berths on the class crew tomorrow afternoon.

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