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charge of the Curtiss' works immediately.

The machine which Mr. Curtiss will deliver and exhibit before the Aeronautic Society in May is described in "Aeronautics" as having a spread of twenty feet with a depth of four feet. The supporting surfaces will be parallel and spaced five feet apart. The vertical rudder will be placed in the rear and there will be a horizontal rudder both in front and rear. A new and partly automatic device for maintaining equilibrium will be employed consisting of moveable surfaces between the supporting frame. The surfaces will be made of the same rubber silk which is used on the Silver-Dart.

An automobile steering wheel will be used on which is located a spark advance and throttle. By pushing back and forth the wheel raises or lowers the horizontal control.

The engine will be a 25 H.P. four-cylinder motor driving direct at 6 ft. laminated wood propeller of new design, pitch equal diameter, at 1200 revolutions per minute. The engine has double valves in the head with a single push valve.

Another machine, which has already been built, is described in this month's aeronautics. Mr. Wilbur R. Kimball has turned out a remarkable looking aerodrome. The chief feature, apart from its struts and cross-struts is a weird propeller plant. Mr. Kimball proposes to drive his machine with eight four-bladed propellers the design of which is the result of many years of experiment and scientific research. They are 3 ft. 10 inches in diameter with a pitch equal to 4 ft.