

Bulletin No. XXXVIII

These propellers are placed in a row between the main surfaces extending the entire length of the machine. Transmission is effected by means of a small steel endless cable specially designed for the purpose. The motor is a 4 cylinder two-cycle 4 inch bore and 4 inch stroke, water-cooled and is supposed to develop 41 H.P. with a total weight, including magneto of 130 lbs.

The main supporting surfaces are parallel and measure 37 ft. in width by 6 ft. 6 inches depth and 4 ft 2 inches apart. The curvature of the surfaces are very shallow being about 1 in 26.

The front horizontal rudder is an open cell of two planes measuring 12 ft. by 2 ft. 6 inches, set 3 ft. apart placed 9 ft. 9 inches in front of the main planes.

One of the new and original features to which attention is especially directed is the unique lateral stability device. This is a very commendable copy of the lateral balancing rudders employed upon the June Bug and Silver-Dart.

The machine department of the Weston Cordage Co. of Easton, Pa. is building an aeroplane of the biplane type under the direction and supervision of Mr. C. Norvin Rinek which although it closely resembles in general appearance the Veisin type of machine differs very materially from it in detail and method of construction.

The machine is composed of one principal cell 10 meters in width and 2 in length. At the back is a smaller cell 3 meters in width and 2 in length, which is connected