

are 2.28 meters diameter instead of 2.08 as stated.

On Sept. 29, 1908, an experiment was made with these new double propellers, which are now mounted on the Dhennas Beag geared 8-40. The following results were observed:- Maximum pull 107 lbs., steady pull 90 lbs; rotation of engine 695 in 30 seconds, giving a rotation of propeller of 1390 rpm. In this experiment the engine turned up very nicely. No run was tried over course as I thought this part of experiments should be deferred until Mr. Baldwin returned. A description of the construction of these propellers is given in my report, Bulletin No. XII p. 15. Photographs of the propellers separately, and on reverse gears, and mounted on the Dhennas Beag are appended.

The model for aeredrome No. 6, Oienes type, is complete so far as the oblique surfaces are concerned. It is composed of one meter tetrahedral cells covered with nainseek, these cells are made up of the 50 cm triangles referred to in Bulletin No. I, p. 31, and interlace one another in single Oienes form as shown in appended photograph. On account of the unfinished condition of structure, it was necessary to photograph upside down. At the points of inter-section of these cells there are thirteen horizontal surfaces inserted each 50 cm by 50 cm. On the top of the structure ^{will be} ~~is~~ placed a horizontal surface 7 meters long by 1 meter wide, making a total horizontal surface of 10.25 square meters. No attention has been paid as yet to putting on body part of machine. I thought it better to go ahead and build the whole wing structure, and then cut out a portion of the center to insert body. My reason for doing