

BEINN BHREACH EXPERIMENTS: Reported by the Editor.**Drone No. 5.**

Jan. 4, 1909:- Aerodrome No. 5 has been still further strengthened by wiring from the ridge-pole to the keel stick, and by putting tension wires in at other parts of the structure. The two banks of cells which had been prepared to fill in the spaces on either side of the central body frame (see Bulletin XXIV p. 46) no longer fit, on account of the heavy beading there and Mr. Baldwin recommends omitting them altogether and substituting some open framework which will not interfere with the aviator's view below and on either side. He thinks the aerodrome is now sufficiently strong, and he tested its rigidity to-day by getting into it while it was supported from below at only four points four meters apart, there being no support directly beneath the center. He reports that the whole structure seemed solid and stood his weight of 175 lbs. perfectly well. The aerodrome is now ready to receive the engine bed and propeller which will now be fitted in. A.G.B.

Testing the Stability of the "Query".

Jan. 4, 1909:- Experiments were made to-day in Beinn Bhreagh Harbor to test the stability of Baldwin's new hydredrome "The Query" without any hydro-surfaces upon her. The engine had been provided with a balance wheel of smaller diameter than before so that it could be placed nearer the bottom of the boat thus lowering the center of gravity. The process