

**BEDWIN'S EXPERIMENTS WITH KITES A, C, & D, AUGUST
22, 1908: by A. G. Bell.**

Windy days at Beinn Bhreagh are few and far between, and I am therefore much indebted to Mr. Bedwin and the Laboratory staff for their assiduity in collecting Kite data to-day for my use while they had the chance. Exceptionally good wind conditions prevailed which were utilized to the uttermost. More than one thousand instrumental observations were made.

Wind	56 Observations
Altitude	560 Observations
Pull	560 Observations
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Total	1176 Observations.

The data collected are important and valuable, and will afford much food for study. The object of the experiments was to accumulate data concerning the effects produced by varying the point of attachment of the flying-line; and especially to note the results of flying by the bow at a low angle for use in calculating the engine-thrust required to support kite structures in the air. It was my desire that as many observations as possible should be made with Kite D as typical of the structure to be employed in the tetrahedral aerodrome No. 5, and also a few observations of Kite A for purposes of comparison.

The experiments with Kite D were commenced about 10 A.M. and continued until noon when the Laboratory staff adjourned for dinner. Unfortunately the Kite was not taken down at this time, but was left flying with the intention of