

EXPERIMENTS WITH KITES A & B JULY 17, 1908:
by A. G. Bell.

On Friday July 17, 1908, eight series of observations were made with Kites A & B. Both kites were in the air at the same time and the observations were made upon them successively as shown below: Kite A was tethered to the lower cleat in the testing field, Kite B to the upper. In all cases the main-line was attached to the keel-stick at 50 cm from the zero-point and the kites were flown by the main-line, the bow-line being slack.

Exp. 1. Kite A (at lower cleat)

| Wind Velocity | | Altitude | | Pull | |
|------------------|----------------------|------------------|---------------------------|------------------|--------------------|
| No of Obs. | Ft. in 30 sec. | No of Obs. | Altitude in degrees | No of Obs. | Pull in lbs. |
| 1 | 562 | 1 | 42° | 1 | 55 |
| | | 1 | 40° | 1 | 55 |
| | | 1 | 39° | 1 | 50 |
| 1 | 523 | 1 | 38° | 1 | 55 |
| | | 1 | 31° | 1 | 45 |
| | | 1 | 37° | 1 | 40 |
| | | 1 | 34° | 1 | 40 |
| 1 | 558 | 1 | 34° | 1 | 35 |
| | | 1 | 36° | 1 | 40 |
| | | 1 | 39° | 1 | 50 |
| 3 | 1643 | 10 | 370° | 10 | 465 |