

EXPERIMENTS WITH KITES AUGUST 20, 1908:
by A. G. Bell.

There was a strong wind from the West this morning (Aug. 20), and although it had died down by the afternoon a good deal we were able to make quite a number of series of experiments with different kites. For the first time we have been able to have both Kite A and Kite D in the air at the same time so as to make direct comparisons accompanied by instrumental observations. The results seem to have an important bearing upon the form of tetrahedral construction to be adopted in aerodrome No. 5.

Exp. 1. Kites A and D were both raised into the air without bow-lines. Each was flown by a one quarter inch Manila rope 100 m long, weighing 5121 gms, attached at + 50 cm from center of keel-stick. Observations were then made upon Kite D.

KITE D.

Exp. 1.	Altitude	Pull	Wind
	45°	35	
	38°	25	
	40°	25	
	30°	30	
	Kite A here came down.		
	40°	20	
	30°	20	9.55 miles
	22°	17	
	Kite B here came down.		
7 Obs	245°	162	
Aver.	35°.0	23.1 lbs.	

Kites A and D were again raised into the air simultaneously by nursing and both remained flying. The following observations were then made with Kite D:-