

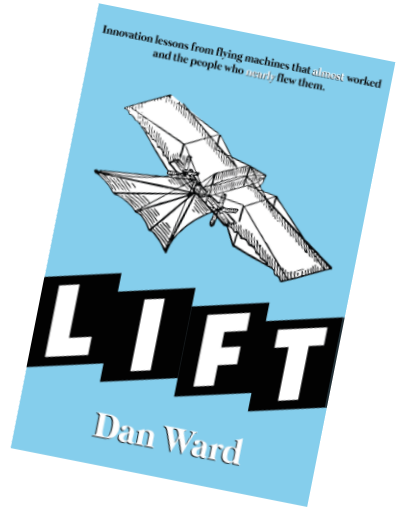


A Bostonian shoe seller, James Means was best known for his "latest improvements")

In 1895, he founded the Boston Aeronautical Society, then published a series of three *Aeronautical Annals* (1895, 1896, 1897)



He published a booklet titled *The Problem Of Manflight* in 1894, the same year as Chanute's *Progress In Flying Machines*.



Learn more lessons from Means in Dan Ward's new book LIFT!

www.thedanward.com/LIFT

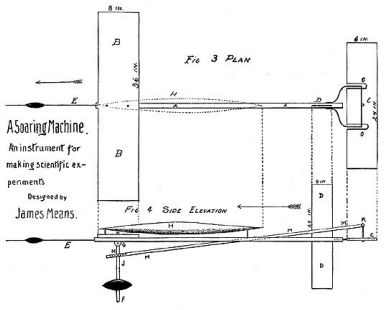


James Means
1855-1920

The only photo I could find is of him at an Engineers Club dinner in 1916, with Orville Wright and Alexander Graham Bell and some other blokes.



To help attract hobbyists to the new field of aviation, Means published plans for building a simple soaring machine.



It used a clever pendulum device to provide stability by shifting the center of mass to a point below the main body.

One of the hardest thing about flying machines was how to control them.

Means designed this control device to help solve that problem.

