



Zach Adams
Pitch Aeronautics
6323 S Federal Way
Unit 17
Boise, ID 83716

**UNIVERSITY OF
BIRMINGHAM**

School of Biosciences

Graham Martin
Emeritus Professor of Avian Sensory Science

Direct Line: 01386 859253

Email: g.r.martin@bham.ac.uk

January 29th 2025

Dear Zach,

I am pleased to be lend support to your bird diverter devices with respect to my research work on the vision of birds and its role in the collision vulnerability of a range of species.

I consider that your Feather Fender devices should be evaluated on the basis of how far they reach the ideal criteria for the design of vision-based power line bird diverters, which I have described in a number of scientific papers.

Key criteria for effective bird diverters are the presence of high internal contrast incorporating multiple contrast edges, an element of movement, and large absolute size.

On the basis of these criteria I consider that Feather Fender Diverter devices are superior to other devices currently on the market, such as spirals and small flapping flags.

Best Regards,

Graham Martin