

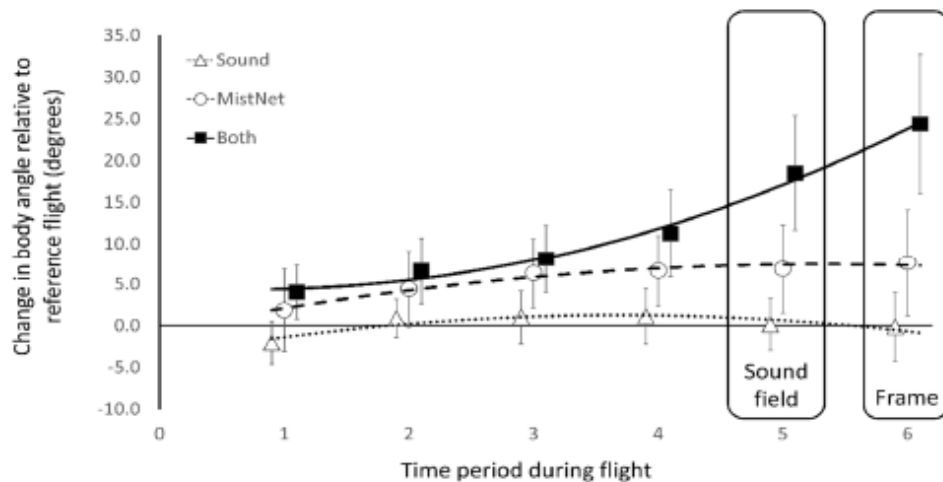
WM-1801: Acoustic Lighthouse as Bird Deterrent

Inventor: John Swaddle

Application: Bird deterrent system useful for keeping birds away from structures such as buildings, wind turbines, communications towers, and airplanes.

Summary: Each year, billions of birds collide with large man-made structures including buildings, towers, airplanes, and turbines. These bird strikes cause significant economic damage and cause enormous mortality among many bird species.

One of the reasons birds fly into these structures is that they are moving very fast and not always paying close attention to what is in front of them. As a result of their body shape during flight and the position of their eyes, birds tend to be looking down and to the sides while they are flying. By providing an audible warning alert, coupled with a visual signal, birds quickly reduced their flight speed, allowing them to avoid an obstacle. Even if collisions cannot be avoided, a reduction in speed and change in body shape reduces the likelihood of fatalities.



Related Articles, Stories, and Publications: See YouTube video [here](#); article about the Acoustic Lighthouse by Joe McClain [here](#).

Intellectual Property: pending U.S. patent application

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