Safe Flight: Innovative Modification of a Wing

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Nowadays the aviation industry is developing quickly. Constructors need better technologies to make their planes better and safer. As a pilot I have noticed that sharp transitions between an aileron and a wing might be the cause of a lot of accidents. That’s why I have decided to investigate solution for this problem. One of the best is flexible material to make smooth transition between the aileron or a flap and the wing. To check if my idea can work, I split my research into two main parts. First was more simple experiment to see if modification affects flight performance and second part was a professional investigation of the modified wing.

Awards Won: