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Is the Golf Ball Effect Applicable on Model Aircraft?

In 2009 the Mythbusters, Jamie Hyneman and Adam Savage, set out to test if a dirty car would get better fuel efficiency than a clean car. This was supposed to be due to a “Golf-Ball like effect”. Failing at that they decided to test the true essence of the myth and dimple a car. Dimples reduce drag on a golf ball, so why not a car? The dimples increased fuel efficiency by three mpg. In other words, you could travel three more miles than regular with a set amount of fuel. We set out to prove this same principle on model aircraft. We set a tripod in the center of our gym with a homemade PVC attachment that could rotate. The plane was attached with fishing line and the throttle was limited for safety. If the effect would have worked it could have helped make airplanes more efficient. It actually made it worse in speed and in flight duration, flight duration was 15 seconds less, speed; off within thousandths of a second. The other two things we tested, starting and ending battery voltage, were also off (human error); they should have been the same. We believe dimples made it worse because airplanes already have an aerodynamic shape. When there is no drag to reduce, dimples increase drag. It worked on a car because there is so much drag behind the blocky back. The sphere on a golf ball is also a poor aerodynamic shape.