Acta Scientific COMPUTER SCIENCES

Volume 3 Issue 10 October 2021

Short Communication

The Physical Experiment Cuts the Smolensk Dilemma

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Received: August 28, 2021

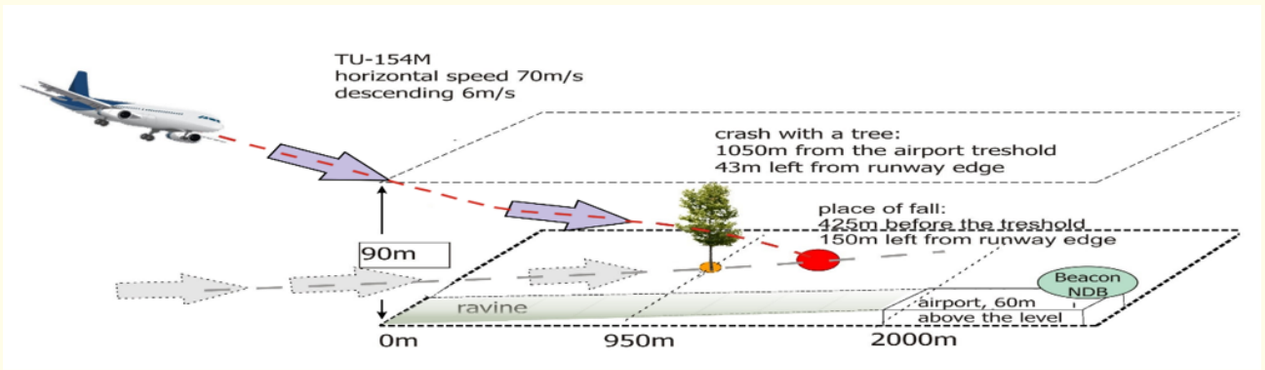
Published: September 14, 2021

There are several hypothesis of the Smolensk tragic catastrophe of 10.04.2010 in Smolensk, USRR: 96 victims, including President of Poland, Lech Kaczynski.

The main two are as follows: the pilot fault (Russia) [1] and the bomb attack (Poland) [2].

We claim, these both are false and we propose to make an experiment. Let us take into account the main determining factors of Tu-154 crash was the dense fog and the high directional fault of the airfield radar -8^0 (not excluded, that deliberate one).

So, to cut this dispute we propose to make the experiment with an old Tu-154 plane controlled by the autopilot and having the same loading and landing parameters as the original Tu-154. This list includes the inverted plane position during landing, the speed over 80 m/s and the uneven boggy terrain. We clime that plane during landing will not move the considerable distance, but it will suddenly crash on hundred parts, because of the weak construction of plane ruff and the extremely high energy of hit: the speed more than 260 km/h and the total mass 20 ton! Hence max rejection $d=v^2/g=650$ m [3-6].



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