

World Trade Center Building #7

A QUESTION OF PHYSICS

THE FACTS:

At 5:21 PM on September 11, 2001, World Trade Center Building 7 collapsed to the ground in approximately 6.5 seconds. This 47-story building fell rapidly into a compact pile. With several video cameras focused on Building 7, at the time of the onset of its collapse, the descent of the building is well documented. This symmetrical and rapid descent of the entire upper portion of WTC 7 through the path of greatest resistance, poses a very significant physics question.

The entire upper portion of the building, for a period of 2.24 seconds, covering the vertical descent of 100 feet or 8 stories, accelerated in its descent at the rate known as "free fall". The National Institute of Standards and Technology confirmed this in their final report on the collapse of WTC Building 7.

OUR UNDERSTANDING:

As we understand the laws of physics, this rate of free fall acceleration is only possible in the absence of any significant resistance to the descent. The rate of the building's downward acceleration is, to us, proof of the simultaneous removal of the internal structures that would have offered resistance to the collapse of WTC Building 7.

OUR QUESTION:

Are you able to suggest any other method for achieving this documented "Free Fall Acceleration" other than methods commonly associated with explosive controlled demolition?

NO Free fall acceleration is possible only if all resistance to descent is non-existent.

YES Free fall acceleration is possible in the presence of resistance to descent.

(Please Explain) _____

