

Quantitative Evidence for Controlled Demolition of WTC 1, 2 and 7

Architects & Engineers for 9/11 Truth, representing over 1300 verified architectural and engineering professionals and over 10,000 other supporters, have provided an exceptionally strong case for controlled demolition of the Twin Towers by detailing 14 features characteristic of destruction by explosives [see list here on the second page]. In contrast, they list characteristics of destruction by fire, none of which occurred, namely (1) slow onset with large visible deformation; (2) asymmetrical collapse; and (3) evidence of fire temperatures capable of softening steel. Further, other high-rise buildings, even those with much larger, hotter, and longer lasting fires, have never “collapsed.” [see AE911truth.org]. These results are very effectively summarized in A&E’s two-hour research edition DVD, “9/11: Blueprint for Truth” [in addition to 10/30/60 minute abridged versions].

Additionally, two members of Architects & Engineers for 9/11 Truth, physicist David Chandler and engineer Jonathan Cole, have a separate Web page that displays detailed analysis of a number of video clips and experimental testing of common assertions. [911speakout.org/ – a DVD of Chandler’s work entitled “9/11 Analysis” is also available.] Chandler is especially expert in applying video frame tracking software to such analysis. The software he uses is free and open source, which makes it possible for anyone to quantitatively check results for themselves. (Links and a tutorial for the software, along with a concise summary of added resources, are provided on their Web site.)

Summary of Sample Video Clips by Chandler:

1. In “Race with Gravity” Chandler demonstrates how the demolition wave running down the side of the North Tower actually propagates, for a time, faster than nearby material falling through air. This direct measurement directly contradicts the official hypothesis of progressive collapse. A more recent video “Acceleration + Serendipity” shows this as well.
2. In “South Tower Smoking Guns (Follow-up)” Chandler shows direct evidence for explosive materials carried along with ejected material. One would expect the material to follow ballistic trajectories, but in fact many cases of dramatic trajectory changes are observed.
3. In “WTC 7 in Freefall”, Chandler details his measurements showing that WTC 7 was actually in absolute free-fall (to within measurement errors) for about 2.5 seconds, which corresponds to about 100 feet or 8 stories.

This last result about WTC 7 is critical. By the conservation of energy, “free-fall” requires direct and full conversion of gravitational potential energy into kinetic energy with all the motion remaining vertical, leaving no remaining energy available for transverse (non-vertical) effects. Examples of such transverse effects are the many explosive ejections (squibs) that occur simultaneous with the “free-fall” interval. One such interval clearly shows the sequence of explosive ejections propagating upward, made visible in part by window shades being blown out [youtube.com/watch?v=LD06SAf0p9A]. Of course, far more dramatic explosive ejections, outward and upward, occurred with WTC 1 and 2, and the explosive wave front for all three towers [see essays by Dr. C. Grabbe at SeaLane.org]. In contrast, the official

progressive collapse hypothesis requires that any “puffs of dust” sequence must propagate downward [see also BuildingWhat.org].

I recommend any one and all of the excellent books by David Ray Griffin [see Chandler’s “Articles and Links” page at 911SpeakOut.org and also DavidRayGriffin.com]. One of Griffin’s latest works, *The Mysterious Collapse of World Trade Center 7: Why the Final Official Report about 9/11 is Unscientific and False* (2010) provides the most comprehensive analysis available about WTC 7, and clearly shows that NIST committed every facet of what constitutes scientific fraud. I have known Professor Griffin for over 25 years, primarily through his work in process philosophy and philosophy of science, and I have very high regard for Professor Griffin’s scholarly work and integrity.

There is extensive evidence and peer-reviewed scholarship that have demonstrated the need for a new investigation. Already there are more than 75 peer-reviewed technical papers that seriously question the official conspiracy theory in contrast with less than about 20 peer-reviewed papers that defend the official theory (indeed, 8 of those 20 were written by one person). Of course, the essential question is “what conspiracy theory is true and which one is false”? To simply refer to one as simply the conspiracy theory is to use that term in its merely pejorative sense (instead of in its generic dictionary definition), which presupposes the answer to the essential question.

In contrast to the paucity of peer-reviewed papers supporting the vast edifice of the official conspiracy theory, the 9/11 Truth movement has now gained over a dozen organizations of professionals such as Scientists for 911 Truth (others include firefighters, pilots, intelligence officers, lawyers, medical professional, veterans, architects and engineers). However, numbers of professionals, scholars, and published papers do not finally resolve the key questions. That requires direct examination of the evidence and critical thinking.

[from first page of AE911truth.org]

Twin Towers' destruction exhibited all of the characteristics of destruction by explosives:

1. Destruction proceeds through the path of greatest resistance at nearly free-fall acceleration
2. Improbable symmetry of debris distribution
3. Extremely rapid onset of destruction
4. Over 100 first responders reported explosions and flashes
5. Multi-ton steel sections ejected laterally
6. Mid-air pulverization of 90,000 tons of concrete & metal decking
7. Massive volume of expanding pyroclastic-like clouds
8. 1200-foot-dia. debris field: no "pancaked" floors found
9. Isolated explosive ejections 20 – 40 stories below demolition front
10. Total building destruction: dismemberment of steel frame
11. Several tons of molten metal found under all 3 high-rises
12. Evidence of thermite incendiaries found by FEMA in steel samples
13. Evidence of explosives found in dust samples
14. No precedent for steel-framed high-rise collapse due to fire

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