

Pyroclastic Flows

Collapse of the North Tower, WTC1. WTC7 in the lower right. Note the characteristic, cauliflowerlike clouds of dust.

Eruption of the Mount St. Augustine, 1986. You can see similar clouds of dust, typical for volcanic eruptions -- or demolitions.



These clouds are called "pyroclastic flows" and they're usually only of interest to geologists. Their creation requires very high temperatures, coupled with large amounts of pulverized solids, which are then "suspended in hot air". Pyroclastic flows behave like a denser in a less dense fluid -- they form a separate phase -- and therefore have a very distinct appearance compared to ordinary dust clouds. But where did the enormous energy come from to cause the the destruction of the WTC to appear similar to a volcanic eruption? Do ordinary dust clouds char cars? Here are some pictures taken in the vicinity of Ground Zero:



The following newspaper article is from the *Seattle Times*, one day after the first bombing of the WTC on February 26th, 1993.

Twin Towers engineered to withstand Jet Collision

"We looked at every possible thing we could think of that could happen to the buildings, even to the extent of an airplane hitting the side," said John Skilling, head structural engineer. "However, back in those days people didn't think about terrorists very much." (...) Concerned because of a case where an airplane hit the Empire State Building, Skilling's people did an analysis that showed the towers would withstand the impact of a Boeing 707. (...) *"Our analysis indicated the biggest problem would be the fact that all the fuel (from the airplane) would dump into the building. There would be a horrendous fire. A lot of people would be killed," he said. "The building structure would still be there." (...)* Skilling - a recognized expert in tall buildings - doesn't think a single 200-pound car bomb would topple or do major structural damage to a Trade Center tower. The supporting columns are closely spaced and even if several were disabled, the others would carry the load. (...) *"However," he added, "I'm not saying that properly applied explosives - shaped explosives - of that magnitude could not do a tremendous amount of damage." (...)* Although Skilling is not an explosives expert, he says there are people who do know enough about building demolition to bring a structure like the Trade Center down.

TRADE CENTER HIT BY 6-FLOOR FIRE

Blaze Starts on the 11th
—16 Men Are Injured

A three-alarm fire broke out in the 11th-floor offices of the B. F. Goodrich Company in the north tower of the World Trade Center just before midnight last night, and spread through an inner-service core to the ninth and 14th floors.

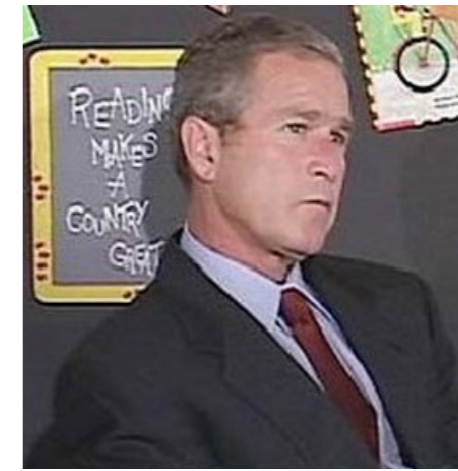
"It was like fighting a blow torch," according to Capt. Harold Kull of Engine Co. 6, who said all of his men "got their necks and ears burned" trying to get into the 11th Floor hall from a stairwell. None of the firemen were seriously injured.

Mainly on One Floor

The fire appeared to be confined primarily to 11th-floor office equipment, according to Deputy Assistant Fire Chief Homer Eishop. The damage to the service core was apparently confined to electrical wiring in and near the core.

"I would imagine that if you took the top expert in that type of work and gave him the assignment of bringing these buildings down with explosives, I would bet that he could do it."

The adjoining newspaper excerpt from the *New York Times* dated 2/15/75 reports of a fire in the North Tower, that in the course of 3 hours afflicted 6 floors. Apart from the burnt furnishings and cables, nothing had to be replaced afterwards -- the steel structure remained completely unaffected.



G.W. Bush at Booker Elementary School in Florida, 9:05am on 9/11 -- he has just been told that a second plane has hit the WTC. He will stay put there for several minutes, proceed to give a press conference, and say he had seen the first crash on TV.

He will then board Airforce One and join Warren Buffett and other have-mores for an unadvertised charity event at a highly secure AFB. His location was widely publicized -- how did the Secret Service know he was not in harm's way? Why no intervention for over half an hour?

"Put Options"

In the days preceding 9/11, there were unusual amounts of put options traded for United and American, the two Airlines involved, as well as for some companies present in the WTC. Put options are „bets“ that a stock will go down, and of course that was what happened after the attacks. Such potential indications of a future crime are (usually) automatically tracked and if necessary investigated, but not this time. The 9/11 Commission was content with explaining the trail of this apparent insider trading did not lead to "Al Qaida" and was thus irrelevant to the investigation. That the trail instead lead directly to A.B. Brown, a bank with well known and quite blatant CIA connections, chaired by "Buzzy" Krongard of Ex-CIA fame, was apparently irrelevant as well.

