# Lloyde England's Taxicab on 9/11 

## Resolving the Long Running Controversy

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## A Long Running Controversy

- The incident at the Pentagon where Lloyde England's taxi was speared by a piece of a light pole has become a long running controversy among those with an interest in the events of 9/11
- Human interest stories about the incident were brief and did not fully document detailed questions about the mechanics of the incident


## Subsequent Interviews

- A series of interviews were conducted by a group - self-identified as the Citizens Investigation Team (or C.I.T)
- Persons conducting the interviews were supposedly trying to document what actually happened
- C.I.T.'s resulting videos demonstrate an interest in storytelling instead

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# Lloyde England's Taxicab on 9/11; Resolving the Long Running Controversy INCIDENT OVERVIEW 

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## Accident Scene Reconstruction

- Review the Lloyde Taxicab incident:

When treated as an accident scene using the physics of motion, the location of the taxi and debris supports Lloyde's "Survivor Fund" statement.

The location of most debris from light pole \#1 and \#2 is documented in the photographic record.

The location of the lamp heads from light poles \#1 and \#2 is consistent with a high speed impact of the lamp post mast - at a point below the attachment point of the lamp support arms.

Lloyde describes a "long" pole (like a javelin) that impaled his taxi.
The lower lamp support arms are approximately 11.5 feet long
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## Explosion 5 Minutes After Impact at 9:43 (Probably Propane Tank)



Photo by
Daryl Donley

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## Taxi Photographed on South Side of Columbia Pike Overpass



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## Taxi Photographed on South Side of Columbia Pike Overpass



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## Windshield and Rear Seat Are Damaged By "Long pole"

Imprecise use of the word "pole" and "long" has opened the door to confusion. The street lamps have three "pole" segments that are "long" compared to their width.


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## Small Holes in Rear Seat Fabric



Source: https://www.youtube.com/watch?v=yC3LRdjocmc at 50:38
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# Lloyde England's Taxicab on 9/11; Resolving the Long Running Controversy LAMP POST PARTS 

## Lamp Post Parts

$$
\begin{array}{|c|}
\hline \text { Upper lamp } \\
\text { support arm } \\
\text { or "pole" } \\
\hline
\end{array}
$$



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## Lamp Post Parts



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## Lower Lamp Support Arm



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## Photo of Neighboring Lamp Post



Sign gantry near heliport


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## Lamp Support Arm Highlighted



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## Estimating Lower Lamp Support Arm Length to be $\sim 11.5$ feet




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# Detail of Lower Lamp Support Arm (Note: This is Photo of Light Pole \#3) 



Lower lamp support arm is about $111 / 2$ feet long
NOTE: CIT minimizes the length and claims only 6 feet long

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## C.I.T. Presents False Dimensions

## (t) Loose Change Forum



Craig Ranke CIT
Advanced Member
(C) Apr 11, 2007 \#1

This is one of the most important pieces of evidence in regards to the attack on the Pentagon therefore our research into it has been extremely detailed and thorough.
[...]
We had a tour of the VDOT (Virginia Department of Transportation) and physically examined the same style light poles.

Here are the dimensions:


And here is a video of me doing a squat lift to pick up the heavier base end of the pole which is what Lloyd claimed was sticking out over the hood of his car:

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## Actual Lamp Post Truss Arm

 vs. C.I.T. Lamp Post Truss Arm

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# Lloyde England's Taxicab on 9/11; Resolving the Long Running Controversy LOWER LAMP SUPPORT ARM 

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## Doodle by Lloyde England



NOTE:
At 40 mph, typical driver reaction time and stopping distance is about 164 feet

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## Typical Reaction / Stopping Time

At 40 mph , stopping distance with reaction time is estimated to be 164 feet.

| MPH | Ft./Sec. | Braking Deceleration Distance |  | Perception Reaction Distance | Total Stopping Distance Implied | Reaction Time |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | 14.7 |  | 5 | 22 | 27 | 1.50 |
| 15 | 22 |  | 11 | 33 | 44 | 1.50 |
| 20 | 29.3 |  | 19 | 44 | 63 | 1.50 |
| 25 | - 36 |  | 30 | 55 | 85 | 1.53 |
| 40 | 58.7 |  | 76 | 88 | 164 | 1.50 |
| 60 | 88 |  | 172 | 132 | 65 | 1.50 |

Source: http://nacto.org/docs/usdg/vehicle stopping distance and time upenn.pdf

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## Town Car with 11.5 Foot Pole


11.5 foot pole is consistent with "Lloyd's Doodle"

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## Lloyde vs. an 11.5 Foot Pole



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## Next to Lloyde, the 11.5 Foot Pole Can be Called "Long"



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# Lloyde England's Taxicab on 9/11; Resolving the Long Running Controversy AIR PLANE FLIGHT PATH 

# Clipping Tree Next to Washington Blvd. and Lamp Posts \#1 \& \#2 



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# Clipping Tree Next to Washington Blvd. and Lamp Posts \#1 \& \#2 



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## Location of Lamp Post Debris



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# Location of Lower Lamp Support Arm of Lamp Post \#2 

Lower Lamp Support Arm from Lamp 2



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# Lloyde England's Taxicab on 9/11; Resolving the Long Running Controversy REMOVING THE POLE 

## Removing the 11.5 Foot Pole Requires Significant Exertion

- Goal was to remove the pole without additional damage to the taxi
- Repairs expected to return taxi to service
- Two men at end of a long "moment" arm


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## Removing the 11.5 Foot Pole Requires Significant Exertion

- Gravity creates a "moment" that must be resisted
- Holding the pole up requires significant effort
- Weight of the pole estimated at $\sim 22.9 \mathrm{lb}$
- Moment is $\sim 120 \mathrm{ft}$-lb of torque from the end


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## Lifting an 11.5 Foot Long 2x6 Piece of Lumber From One End

- Gravity creates a "moment" that must be resisted
- Holding the board up requires significant effort
- Weight of $2 \times 6$ is $\sim 22.3 \mathrm{lb}$
- Moment is $\sim 130 \mathrm{ft}-\mathrm{lb}$ of torque from the end


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## Daryl Donley Captures Explosion at 9:42 and 40 seconds

- Explosion at 9:42 and 40 seconds captured by Daryl Donley, NBC and CBS
- About 5 minutes after plane hits the lamp posts


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Lloyde England's Taxicab on 9/11; Resolving the Long Running Controversy C.I.T. INTERVIEWS AND VIDEOS

## C.I.T.'s Resulting Videos

- During on-camera interview sessions they discussed printed images
- Pointed to various features
- Did not discuss photo of "long pole" on-camera
- Left the most important issue out of the video interview
- Preferred innuendo
- Used misleading images in audio-only segment

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# C.I.T. Excluded Lloyde Pointing to the "Long Pole" in Any Photo 



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## C.I.T.'s Resulting Videos

- Omitted key questions and answers
- Substituted innuendo and accusations to create a "fantastical" story
- Inserted images with inaccurate annotations during audio interviews to create their story


## This Photo was C.I.T.'s Visual During an Audio-Only Interview



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## This Annotation Would Have

 Been Appropriate

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# When Lloyde Was Told by C.I.T. 

 the 25 foot Mast Speared his Taxi- C.I.T. asserted, "It couldn't be any other pole. The lamp is down next to it."
- Lloyde's response was: silence

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## "It couldn't be any other pole. The lamp is down next to it"



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## "It couldn't be any other pole. The lamp is down next to it"

C.I.T.: These pictures are taken right after each other - at the same time. It shows the pole. The most important point is that - here is your cab - right? Lloyde: That's not, That's not
C.I.T.: See your cab? See the grill? See you right here, you're wearing the cap.
Lloyde: Yeah, I see it, I see it.
C.I.T.: Now here is the pole. That's your pole - see the bend?

Lloyde: Yeah.
C.I.T.: That's the pole you pulled out - Right

## Lloyde: [SILENCE]

C.I.T.: There's your cab. It couldn't be any other pole. The lamp is down next to it.

# C.I.T. Left One Segment Where Lloyde Shows the Pole Location 

- When visiting the damaged Taxi:
- Lloyde gestures where the pole ended
- Saying, "The pole went through - it went through - over here - straight back"
- Nowhere, during the visit to the damaged taxi, does Lloyde indicate the presence of a 25-30 foot pole on, or in, the vehicle


## Lloyde Shows Where the Pole Was



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## Lloyde Shows Where the Pole Was



## The "Long Piece" Was Mislabeled

 By C.I.T. (e.g., Storytelling)

Long Piece
(11 $1 / 2$ feet )


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## Jeff Hill Interview

- A later interview omitted descriptive questions, such as:
- How thick was the pole
- Thick as a man's arm?
- Big around as a man's head
- How heavy was the pole
- About 25 pounds?
- Heavy as a 12 foot long 2 " x 6" piece of lumber?
- 200 pounds?


## Jeff Hill Interview

- Lloyde described the pole coming in like a Javelin
- Javelins are not "telephone pole" sized
- Javelin's are long and narrow
- Diameter: 1.181 inches
- Length: 8 feet 10 1/4 inches
- Lower lamp support arm
- Diameter: tapered from about 2" to about $5^{"}$
- Length: 11 ½ feet

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# Lloyde England's Taxicab on 9/11; Resolving the Long Running Controversy CONCLUSION 

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## Many People Confused by the C.I.T.'s 25 Foot "Long Pole" Story

Example drawing by people confused by C.I.T.'s false information


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# Many People Confused by the C.I.T.'s 25 Foot "Long Pole" Story 

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## Conclusion Regarding "Long" Pole

- The thin lower lamp support arm is about 11.5 feet long
- Nearly twice as "long" as Lloyde is tall
- Fits the meaning of "long"
- Lloyde shows, with his hand gesture, where the pole was located relative to the hood
- Began near the front of his car's hood and went straight back
- Lloyde is clear and unambiguous in video clip

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