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**WorldNetDaily Exclusive**  
**Online 'birth certificate' document 'was changed'**  
Analysis raises possibility content of text was altered

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A computer document expert who analyzed the online image of Barack Obama's purported Certificate of Live Birth for WND confirmed there are anomalies inconsistent with a simple scanning process, and there is evidence it has been manipulated, but there's no way to determine exactly what may have been modified.

The end result is that while it is known there were changes, the full extent of operations that were done to the image cannot be determined at this point.

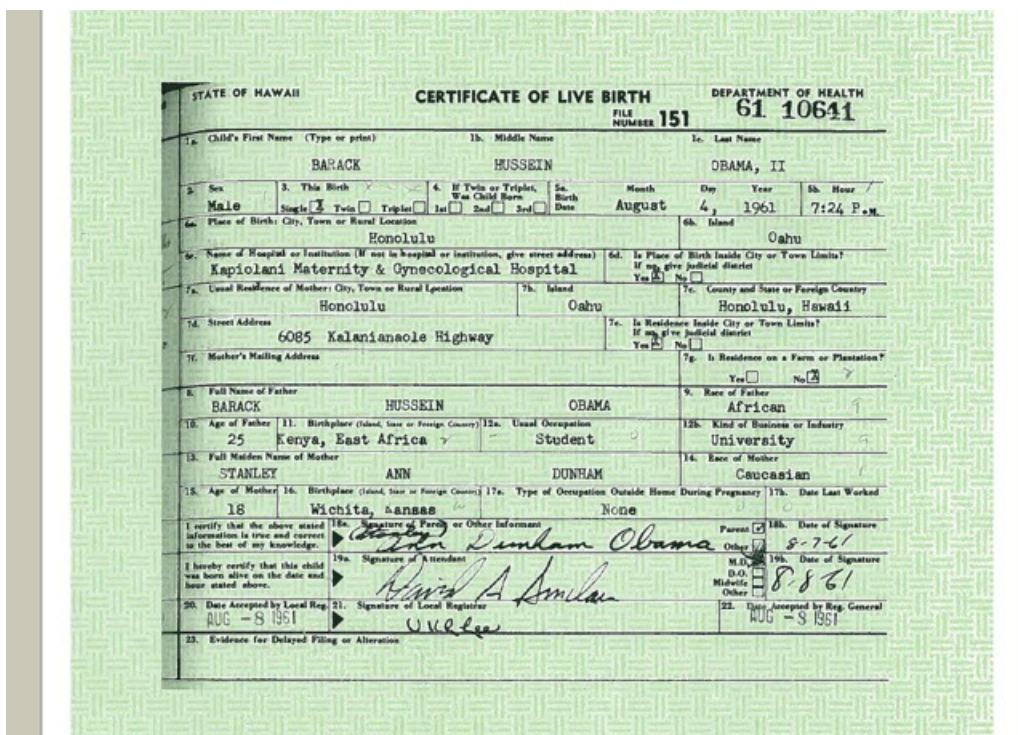


Image released by the White House April 27, 2011

The White House last week trumpeted the release of the above document, calling it "proof positive" Obama was born in Hawaii, as if that would answer all of the questions about his presidential eligibility. In fact, those who contend the founders of the country excluded dual citizens from qualifying as a "natural born Citizen," as the Constitution requires presidents to be, say the document actually proves Obama's ineligibility.

It verifies that Barack Obama Sr. was listed as the father, but he never was a U.S. citizen.

Obama Jr. himself even seemed to hold that position, suggesting in a resolution he co-sponsored to address Sen. John McCain's status as a "natural born Citizen" that the status requires "American citizen" parents.

The original Obama document presumably is in the custody of the state of Hawaii, and officials there explained to WND that they put the original in a copier and copied it onto "safety paper," sending those copies along to the president.

Be the first to get the new eligibility book signed by Jerome Corsi and help get TV commercials on the air to bust this issue wide open!

From there, the president apparently made copies of those documents to hand out to the press corps, and then someone uploaded an image that was posted online - the image that, actually, is the only one most Americans have seen.

(Story continues below)

It was analyzed by Ivan Zatkovich of Tampa-based [eComp Consultants](#), which consults on intellectual property for telecommunications, web publishing and ecommerce and has provided services for corporations such as McGraw-Hill, Houghton-Mifflin, Citicorp and Amazon.com. Zatkovich has 28 years experience in computer science and document management and for more than 10 years has been an expert witness providing testimony in federal court in both criminal and civil litigation.

He confirmed that the multiple layers of the PDF document are anomalous.

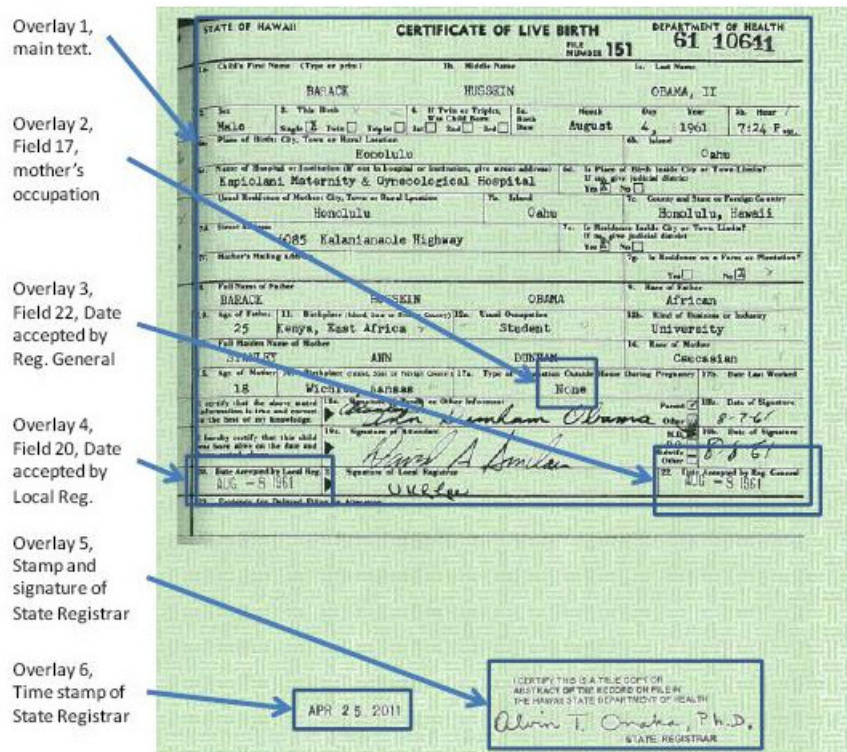
"When a paper document is scanned on a scanner and saved as a PDF file it normally contains only a single layer of graphical information. The PDF that appears on the White House website however, contains multiple layers of graphic information. Multiple layers usually appear in a document like this when it is being edited or modified in some fashion.

"It is possible to take a single layer PDF and inadvertently create multiple layers, without changing the image in any fashion. But that does not appear to be the case here. The multiple layers in the PDF document are a result of changes made to the image," his report said.

Among the various items that were separated into different layers include the main text, the mother's occupation, the dates accepted, the stamp and signature of the state registrar and the time stamp of the state registrar:

**Figure 1 - The full version of the PDF with all layers together**

This figure shows how the PDF document was broken up into multiple layers and where each of the layers is located. In other words, the document image was broken up into several images and combined into one document.

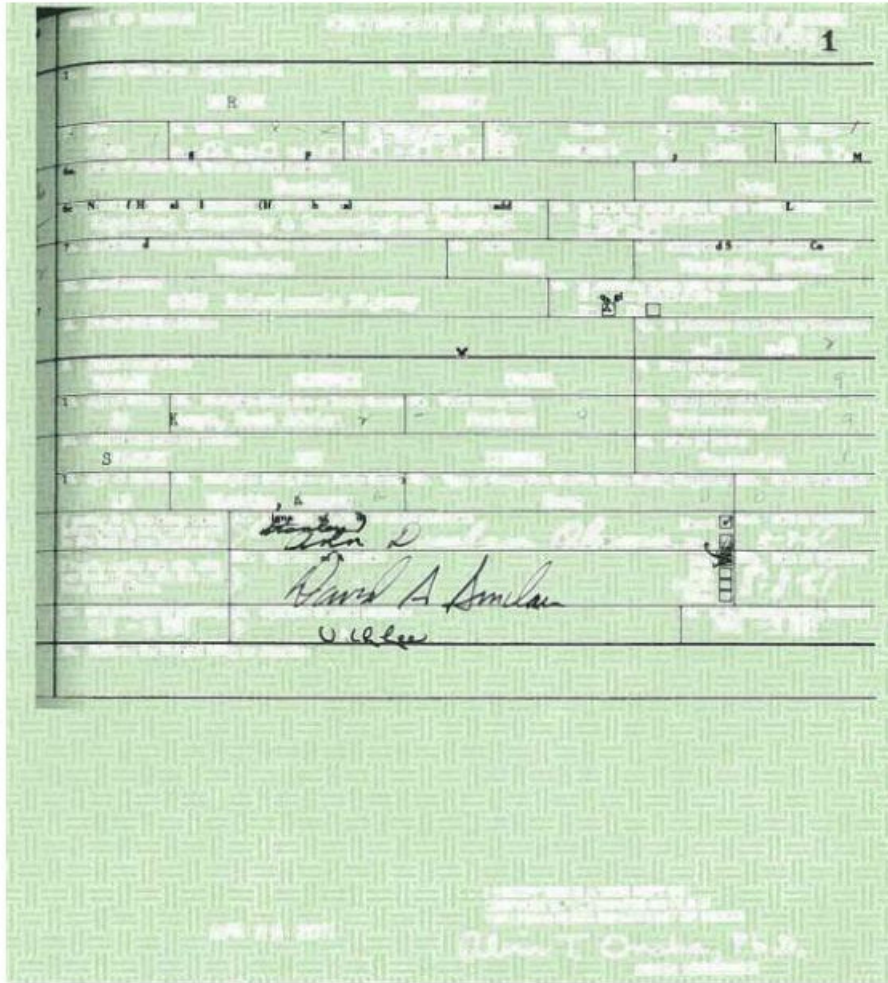


The document is broken into layers.

The background layer - with all of the additional layers removed - essentially has the text removed except some random portions of signatures and a white border where the text appears on other layers:

**Figure 2 – The background layer with all overlays removed.**

After all the overlays are removed, what remains is the background layer. We see that most of the text is removed from the background layer. But random text, portions of signatures, and a white border behind the text remains.



The background, without layers of information added on top

The main layer of text reveals most of the wording on the document, with strange exceptions such as the first part of Stanley Ann Dunham Obama's signature. The main text layer has only "unham Obama." Likewise, "Kenya" is spelled "enya" and "Barack" is spelled Ba ack."



Figure 4 – Overlay 1, the main text

This overlay contains most of the text that was removed from the background layer. But other overlays have other specific pieces of text shown below.

STATE OF HAWAII CERTIFICATE OF LIVE BIRTH DEPARTMENT OF HEALTH  
 FILE NUMBER 151 61.1064

1a. Child's First Name (Type or print) BA ACK 1b. Middle Name HUSSEIN 1c. Last Name OBAMA, II

2 Sex Male 3. This Birth Single  Twin  Triplet  4. If Twin or Triplet, Was Child Born First  Second  Third  5a. Birth Date August 4 1961 5b. Hour 7:24 P.

Place of Birth: City, Town or Rural Location Honolulu 6b. Island Oahu

64. Is Place of Birth Inside City or Town Limits? If no, give judicial district Yes  No  65. Usual Residence of Mother: City, Town or Rural Location Honolulu 7b. Island Oahu 7c. County and State or Foreign Country Honolulu, Hawaii

7d. Street Address 6085 Kalaniana'ole Highway 7e. Is Residence Inside City or Town Limits? If no, give judicial district Yes  No  7f. Is Residence on a Farm or Plantation? Yes  No

8. Full Name of Father BARACK HUSSEIN OBAMA 9. Race of Father African

10. Age of Father 25 11. Birthplace (Island, State or Foreign Country) Kenya, East Africa 12a. Usual Occupation Student 12b. Kind of Business or Industry University

13. Full Maiden Name of Mother TANLEY ANN 14. Race of Mother Caucasian

15. Age of Mother 18 16. Birthplace (Island, State or Foreign Country) Wichita, Kansas 17a. Type of Occupation Outside Home During Pregnancy None 17b. Date Last Worked 8

I certify that the above stated information is true and correct to the best of my knowledge. 18a. Signature of Parent or Other Informant *Imlan Obama* 18b. Date of Signature 8-7-61

I hereby certify that this child was born alive on the date and hour stated above. 19a. Signature of Registrar 19b. Date of Signature 8 8 61

20. Date Accepted by Local Reg. 21. Signature of Local Registrar 22. Accepted by Reg. General 19 1

23. Evidence for Delayed Filing or Alteration

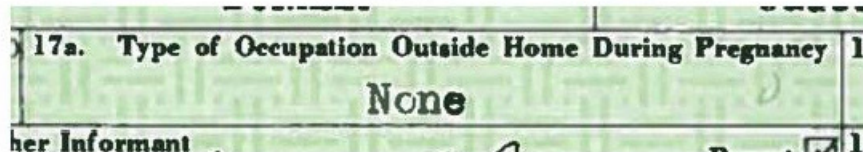
The layer with the main parts of the text

The report said in field 17a, for example, the question regards the "Type of Occupation Outside Home During Pregnancy," and the answer is "None." However, the "Non" and the "e" are on separate layers. Likewise with the date accepted. There "Date A" and "AUG - 8 6" are on a separate layer from the rest:

Figure 5 – Overlay 2, Field 17a, Type of Occupation Outside Home During Pregnancy

In this field we see that the 'non' text was removed to a separate layer.

Combined layers:



Separate layers:

Non

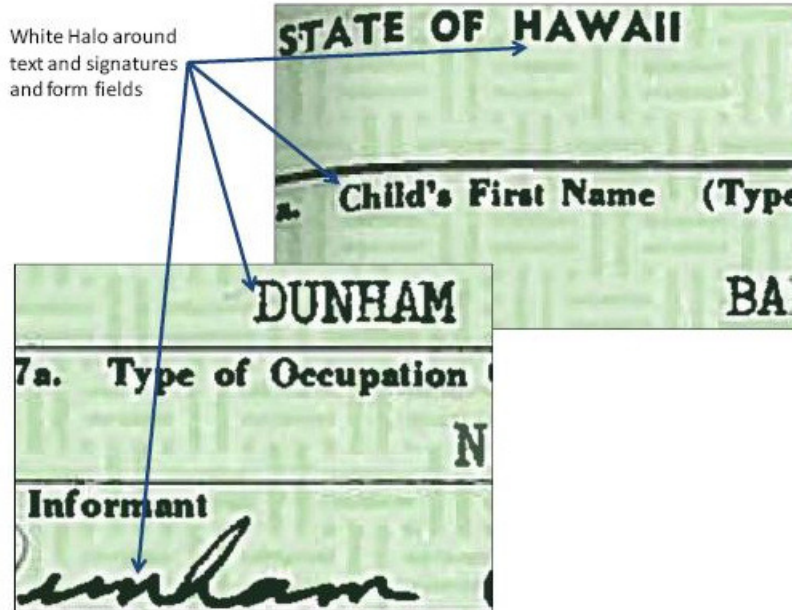
Unusual division of characters of information on different layers

The report said there are two groups of overlays, the first including the main page of text and a separate one with the mother's occupation. The second group involves the stamps, with one of the local registrar, another from the registrar general, another for the state registrar and yet another for the time stamp of the state registrar.

"All of the overlays were of a higher resolution than the background layer," the report said. "This suggests that the overlays [were] created to enhance that content (i.e. make the text darker and/or the edges sharper). The only two plausible explanations for this pattern of layers is: 1. Someone was changing the content of both the text and the stamps. 2. Someone was systematically enhancing the black text layers for legibility, and then enhancing the stamp overlays separately for legibility."

### White Halo around text

Figure 10 – White Halo on form



The white halos around the lettering suggests manipulation here too

The report also addresses the white haloes around most of the printing on the document.

"It has been suggested that these 'suspicious white borders' indicate that items were pasted into the image. The pasting of content itself does not necessarily create a white border. A more likely reason for this halo effect is that the text was enhanced," the report said.

"This does not mean that other content in the document was not changed. However, most of the detectable changes are consistent with someone attempting to enhance the appearance of the document rather than change the content."

It concludes that while the modifications are consistent with someone enhancing the legibility of the document, "it is possible that in addition to enhancing the legibility of the document that the content of the document was also changed.

"There is no specific evidence of how or why that content would have been changed, but the evidence clearly indicates that the document was changed," the report said.

Zatkovich told WND that the White House image "has specific content extracted from that base layer and enhanced."

He said, "This was done through an explicit operation to edit and/or enhance the printing in the document. There is no ambiguity here. There was an explicit action by a person to modify the document. ... Mostly like to enhance the legibility, but still an explicit action none the less."

He explained the analysis he did was similar to the analysis that routinely is done on evidentiary documents for cell phones and computers in cases involving child porn, fraud and murder cases.

"The content clearly indicates that the document was knowingly and explicitly edited and modified before it was placed on the web," he said.

A second opinion, from Jon Berryhill of Berryhill Computer Forensics, said for a complete analysis, access to the original document would be best.

A video based on this story has now been posted on YouTube: