

The PDF format splits off some of the original text characters and preserves them in their original gray-scale format on the background layer. I suspect that that phenomenon is something that the FBI or NSA worked with Adobe to make standard for the purpose of making each document unique and not alterable in such a way that it could not be detected. That way the creator's version would be different from a forger's version.

The original birth certificate image is the result of an extraction process which takes the original micro-film image, greatly increases its contrast to make the paper appear pure white, then deletes the white, leaving only the black text as a transparent layer that can be placed on an image of green security paper. That text can be altered with a photo editing program by simply erasing elements and adding new ones.

The word "none" in the box stating the "mother's occupation outside the home" is split also, but with the "e" being part of the main text layer, and most notably, being pure black in appearance, while the letters "n-o-n" are greenish-gray and are a separate added layer. That indicates that they were part of the editing process and were added where a word like "housewife" once appeared. Since his mother wasn't a housewife, it would have to be changed. It was done by erasing something like "housewif", leaving the "e". This postulates that the replacement text of the PDF was taken from one or more birth certificates. That was necessary in order to retain the appearance of original typewriter text and avoid the appearance of text from computer word processing fonts.

The original PDF version was the result of opening and saving the Hawaiian abstract file in a program that allows for editing files and saving them as PDF files after any alterations were done to the original micro-film image which was probably in a different image format, possibly TIFF or several other possibilities. Whatever format was used was probably one that only used pure black or gray-scale, no color since that increases the amount of memory needed unnecessarily.

That new PDF file contained only two layers, the text layer and the background layer. All the others were the result of editing, meaning adding new layers of altered dates, or replacement text. That is in addition to any alteration done to the original micro-film image.

What was missing from the original PDF was the images that only appear on printed hard-copies, namely the Registrar's signature stamp and his date stamp which are manually stamped on the copies to certify them before sending to the requestor. They should not be visible on any PDF or TIFF original made by Hawaii, or else Hawaiian birth certificates would be nothing more than photo-copies that could not be accepted as being certified. Even using a rubber stamp signature is a bastardization of true certification. Just as a so-called "Certificate of Authenticity", included with a manufacturer's product, is not a certificate because it does not certify anything because it doesn't contain the signature of the creator. It's just a stupid printed piece of paper. Hawaii's certification stamp is similar. That demonstrates how far they have drifted from allegiance to actual authentication. I should also mention that if the PDF were really a scan of a physical document then an embossed/ raised image of the State Seal would be visible.