Lelouch's F.L.E.I.J.A feat debunk

By HelloThere1089

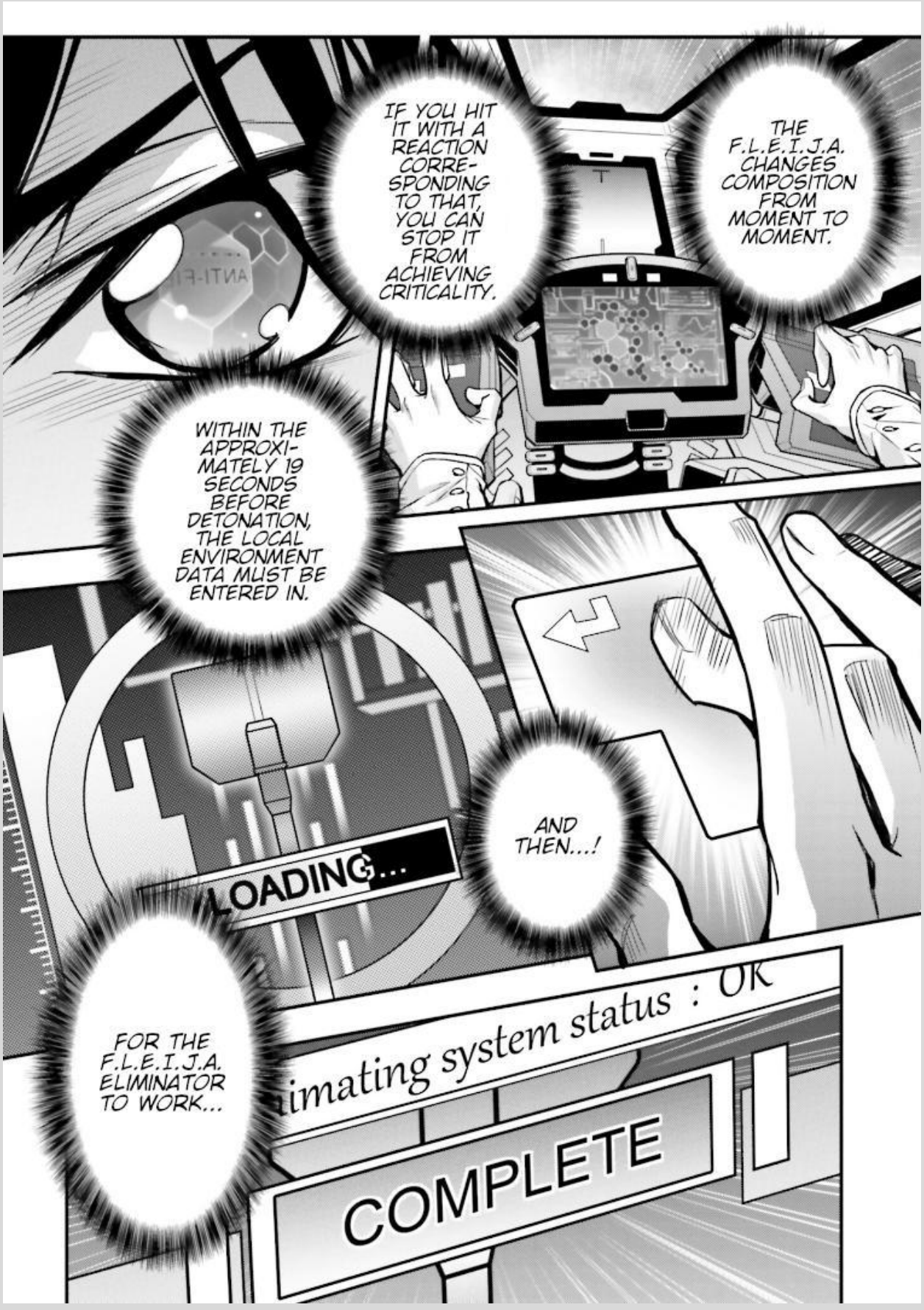
This is going to be a very short doc. Honestly, this doesn't require a doc at all, but for documentation purposes, I decided to make it. I will be debunking the interpretation of the Fleija feat done here, and here. Firstly, props to the original creator for the amount of research that went into the doc. Now onto the feat:

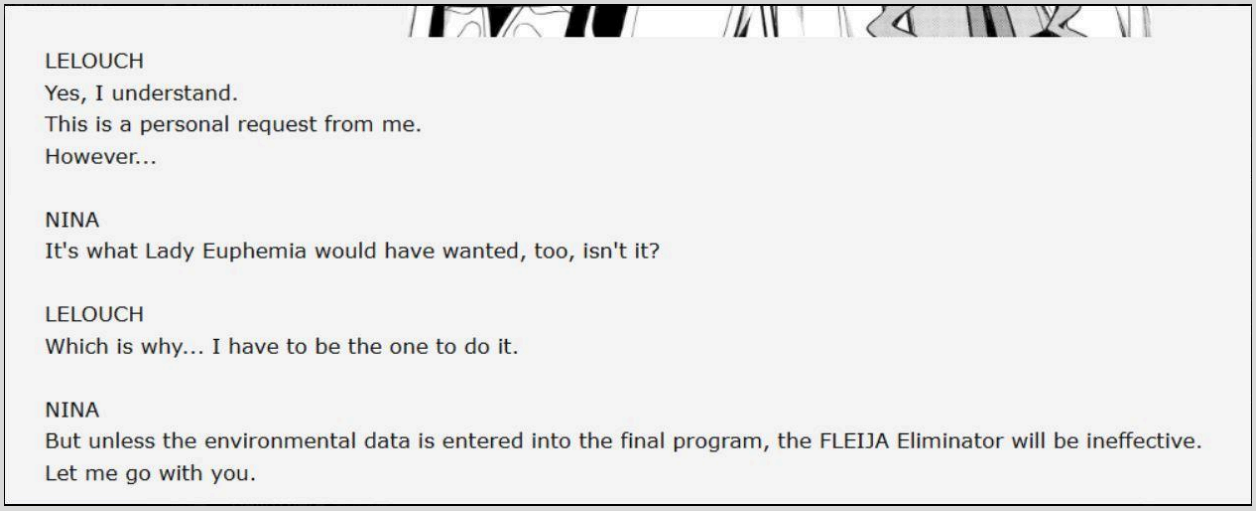
The feat is wanked to beyond supercomputer levels using a single wrong assumption in the premise.

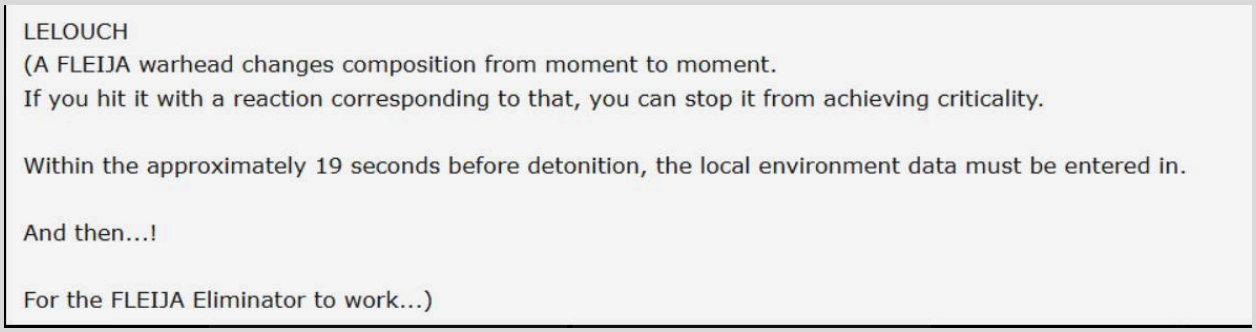
"Lelouch needed to deactivate the explosion of the F.L.E.I.J.A, to do so he had to **enter the data of his composition**, considering that the F.L.E.I.J.A changes its supercomputer compositions constantly, Lelouch had to enter data with an equal reaction in order to be able to break into the critical condition of the F.L.E.I.J.A. However, this environmental data had to be entered within a period of 19 seconds; even if the program were to terminate, it only had 0.04 seconds to execute it. Lelouch quickly entered the data in a shorter period of time, resulting in Lelouch giving him enough time to give the signal to Suzaku to use the F.L.E.I.J.A Eliminator, finally deactivating the explosion."

In no material of Code Geass (to my knowledge) is it ever stated that the ever changing composition data had to be entered by Lelouch in the Fleija Eliminator. The only thing he had to enter was the environmental data which was NEVER confirmed to be the same as the composition data of the Fleija. Below I will add the scans of all the canon material I could find.


THIS IS A PERSONAL REQUEST FROM ME. HOWEVER...
YES, I UNDERSTAND.
IT'S WHAT LADY EUPHEMIA WOULD HAVE WANTED, TOO ISN'T IT?
THAT'S WHY I HAVE TO BE THE ONE TO DO IT...
BUT, UNLESS THE ENVIRONMENTAL DATA IS ENTERED INTO THE FINAL PROGRAM, THE F.L.E.I.J.A. ELIMINATOR WILL BE INEFFECTIVE.
LET ME GO WITH YOU.
YOU'VE ALREADY DONE ENOUGH, NINA.
WHAT YOU'VE SAID... I KNOW HOW YOU MUST FEEL.


THE F.L.E.I.J.A. CHANGES COMPOSITION FROM MOMENT TO MOMENT.
IF YOU HIT IT WITH A REACTION CORRE-SPONDING TO THAT, YOU CAN STOP IT FROM ACHIEVING CRITICALITY.
WITHIN THE APPROXI-MATELY 19 SECONDS BEFORE DETONATION, THE LOCAL ENVIRONMENT DATA MUST BE ENTERED IN.
AND THEN...!
LOADING...
FOR THE F.L.E.I.J.A. ELIMINATOR TO WORK...
imating system status : OK
COMPLETE





As you can see in the scans the statements are as follows:

1. The Fleija changes its composition from time to time.
2. If you hit it with a reaction corresponding to that, you can stop it from achieving criticality.

The 2nd statement simply describes the function of the Flieja Eliminator. The Fleija Eliminator's job is to hit the Fleija with a reaction corresponding to its ever changing composition.

Now the next statements to consider:

3. Unless the environmental data is entered into the program, the Fleija eliminator will be ineffective.
4. Within approximately 19 seconds before detonation, the local environment data must be entered in.

Nowhere in any of these statements is it mentioned that Lelouch has to do anything regarding the changing composition of the Fleija. All he needs to do is enter the local environment data **(not even calculate, just enter)** within 19 seconds. This effectively debuffs Lelouch's FSIQ feat from beyond supercomputer levels to just pretty impressive but still human level

CPI. Which is good, but nowhere near the unrealistic level the prior interpretation made it seem.

What is Fleija's "Composition"?

This section has no impact on Lelouch's feat itself as we have already established in the prior section that the composition has no connection to the environmental data that Lelouch had to enter.

First of all let's establish some facts. Fleija is an acronym for "Field Limitary Effective Implosion Armament". Basically it's a bomb. Now let's look at these two statements and dissect them.

1. The Fleija changes its **composition** from time to time.
2. If you hit it with a **reaction** corresponding to that, you can stop it from achieving **criticality**.

These two statements were said by Nina, the one character that should know everything about this warhead. She says if one hits Fleija with a reaction corresponding to its composition, the warhead will not achieve criticality. I have put the important words in bold for ease.

The chain of logic is therefore like this:
Reaction => Composition => No Criticality

So the three words are connected as shown above. What is the **criticality** of a bomb you ask? Critical mass is defined as the amount of material at which a neutron produced by a fission process will, on average, create another fission event. Essentially "criticality" means the bomb will reach a stage of chain reaction which will cause the explosion.

This begs the question, what kind of **reaction** can stop the bomb from achieving criticality? The reaction in question is either a nuclear reaction or a chemical reaction given its connection to the concept of criticality.

Lastly, what does this suggest about the word **composition**. Composition in my opinion very obviously refers to the **chemical composition** of the bomb itself. Nuclear warheads in real life contain radioactive materials like Uranium, Plutonium, or various isotopes of these materials. Fleija most likely changes its composition by changing the specific isotope present at any given moment to a different one using a method called enrichment. Therefore the reaction needs to account for that specific isotope to stop it from achieving criticality.

Hence, I believe that the composition of Fleija has nothing to do with a supercomputer.

Benchmarking Lelouch's typing speed

The world record for typing is held by mythicalrocket at 305 WPM. Now we have nothing in the anime to go off of. We are not given the amount of data Lelouch had to enter in these 19 seconds. Based on the world record, assuming an average of 5 letters or characters per word, the record holder had to type:

(305 WPM x 5 Characters per word x 19 seconds)/60 seconds = **482.92 characters in 19 seconds**

Now we have no way of knowing how many characters Lelouch typed. So I'll link two videos for you and leave it to you all's judgement. Here is what it looked like when the world record was broken. And what Lelouch looked like while typing. I personally don't think he came even close to crossing peak human in typing speed and with the absence of any mention of calculating, we have to assume that he simply entered data readily available to him. Which means his **CPI is not beyond peak human** based on just this feat.

Thank you for reading and I hope this clears up any misconceptions regarding the feat.

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