

(b) (3) - P, L. 86-36

Posted by [REDACTED] @ 2010-03-12 18:56:57

Tags: wwii, ecm-134-c, ecm, sigaba restoration, sigaba

(U) SIGABA (ECM-134-C) Ser No. 140 Restoration Project

(U/~~FOUO~~) I am currently in a kind of lull here at NCPAC and more specifically with the restoration effort. This stems from a couple of reasons. First, we are in the midst of a move. Renovations to the spaces we normally work out of are necessitating a move from this building to new spaces on a different Military installation. Today is actually our [REDACTED] move day. So our regular battle rhythm has been broken. But secondly, and more specifically to the SIGABA I am reading through the documentation, waiting on some parts, and generating the plan of attack for the rest of the machine. There are several hundred pieces to the machine, and I want to be careful as to which part I take off and when.

(b) (3) - P, L. 86-36

(U) So, in the meantime, I was looking around for something easy to do and settled on what is referred to as the "Cipher Unit". Now, while that may sound pretty sophisticated, what it actually refers to is the "cage" that holds the INDEX, CONTROL, and CIPHER wheels in the machine. The cages are designed to be popped in and out of the machine as a unit. Presumably (although I haven't actually seen a reference to this - but there must be something somewhere, I just haven't come across it yet) to allow you to set up multiple cages with different code wheel combinations so that on the right day of the month you simply drop in the particular setup you desire. Pretty nifty eh? So this unit is nothing more than a plastic and metal cage that holds the code wheels.

(U) I've begun dis-assembly of this unit. They really over designed things in that era. There are way more screws on this unit than what I believe would be put on if it were manufactured today. Also I have yet to come across any pictures of this part completely disassembled nor do I recall seeing any exploded view drawings in any of the diagrams. So we'll be sure and capture some pictures of this unit in its disassembled state.

(U) So, currently taking apart the "Cipher Unit", cleaning, polishing all of the contacts that the code wheels use, and will be doing some touch up painting on these parts. This shouldn't be any more than a couple of days worth of work at the current pace.

4141 [REDACTED] @ 2010-04-09 00:32:18

Martin and Mitchell audio

Its unbelievable that these two were working here , NSA and now where are they, are they still living, its no way they lived a quiet and productive life, I am just not that radical i love the USA and will never leave.