

TECHNICAL DETAILS

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Praise be to Allah and may the peace and blessings be on His Messenger.

The most important aspect of preparing for the enemy is having the proper creed. All victory is from Allah and thus we need to have true faith in Him. After that we need to prepare the means that are needed to fight the enemy. In this article we will go through some of the technical aspects of the explosive packages.

Metal Detection Equipment:

We have been blessed by Allah to be able to sidestep the metal detection equipment and this is evident in the operation of Umar Farouk and the operation of Abul Khayr, may Allah accept him. That capability was a result of avoiding the use of metals altogether in our detonators. We have developed five such detonators.

Sniffers:

Good packaging and sealing of the explosive material prevents sniffing dogs or equipment from detecting the explosives. That is done by sealing the material and preventing any molecules from escaping the package, and afterwards cleaning the package thoroughly to clear off any molecules that may have dispersed during the filling of the material. We used a number of organic solvents to wash the toners from any residue that might have been on the surface.

X-Ray Equipment:

The first X-Ray machines were dual color followed by three colors and eventually six colors. Metals show up in three colors, organic material shows up in two colors and inorganic material in one color. The color depends on the atomic number of the scanned material. There are other types of machines that we have not mentioned here but we talked about in an article by the Explosives Department and published in the twelfth issue of *Sada' al-Malahem*.

So how did we succeed in sidestepping the X-Ray scanners?

We used a device that contains organic, non-organic material, and metals. The toner cartridge contains the toner which is carbon based and that is an organic material. The carbon's molecular number is close to that of PETN. We emptied the toner cartridge from its contents and filled it with 340 grams of PETN. We then inserted the detonator. We designed the detonator to be short so that it wouldn't be detected and we filled it with 4 grams of Lead Azide. We connected the wires from the circuit to the toner in a way that would raise no suspicions if inspected. When the toner is inside the printer, a metal plate on the toner would touch the circuit wire. If inspected the toner could be pulled out and would look normal without any wires sticking out. This method makes human inspection of the printer useless.

For the circuit we used a Nokia mo-



Metal detectors are amateurish



Filled with PETN for a surprise



American Gravestones expanding



“But now you can see that we revealed to you a bigger security lapse than the last one and **yet you are still being stubborn.**”

mobile phone. We removed the circuit board from the mobile and attached it next to a circuit board of the printer so if passed through a scanner the mobile circuit board would blend in with the circuit boards of the printer and even if opened it would not be recognized as a mobile since we used only the circuit board of the mobile.

The wires of the circuit also blend in well with the many wires of the printer. When the toner is pulled out the circuit is disconnected. When it is placed back the circuit is connected. The door of the printer cannot close unless the toner is in place and this way we guaranteed that even if the printer is manually inspected, the toner must be placed back in its place otherwise the printer door would remain open.

With all the intelligence information the enemy had, they could not detect the explosives even though the printers were inspected twice in the UK. They only discovered the explosives when they had the exact tracking number of the package.

Are X-Ray scanners sufficient for the detection of explosives?

All X-Ray machines work on the same principle: The diffraction of rays off the atom of the scanned material. The rays pass through all material except lead which doesn't allow the

penetration of even Gamma rays.

We have studied various X-Ray scanners that are in use and those that might be deployed in the future but are too expensive to deploy now. All these scanners work on one principle even if they are different. In the future, new scanners could be developed to designate specific colors for explosive material, but is this method practical? To answer this question we need to point out that explosive material contains a variety of a thousand different compounds and each of these compounds has its own molecular characteristics that are different than the rest. With such a huge variety can scanners solve this problem?

We would like to ask the Americans a question: Why try to solve the symptoms of the problem rather than the root?

Didn't your security experts come together to find solutions for the security lapses in your airports and you spent millions of dollars in less than a year even though we already told you then that we knew the weak points of your equipment and by the will of Allah we would be able to exploit them? Nevertheless you were stubborn. But now you can see that we revealed to you a bigger security lapse than the last one and yet you

are still being stubborn. The British government said that if a toner weighs more than 500 grams it won't be allowed on board a plane. Who is the genius who came up with this suggestion? **Do you think that we have nothing to send but printers?** Another suggestion is that the bomb maker needs to be killed. I and my brothers in the explosives department are from among the blessings of Abu Khabab al-Misri and Abu Abdul Rahman al-Muhajir who were killed in Afghanistan. Do you think that our research will only be used by al Qaeda of the Arabian Peninsula and won't be shared with other mujahidin?

We want to say to those of reason and wisdom among you: There is no solution for you with us except if you abide by this simple equation which has been repeated to you by our Shaykh Usama bin Ladin, may Allah protect him:

Our security = Your security

And likewise:

Our insecurity = Your insecurity

If you refuse then we will continue our war against you. In the name of Allah we are preparing for you since years and we will continue on this path. □

Two Nokia mobiles, \$156 each, two HP printers, \$300 each, plus shipping, transportation and other miscellaneous expenses add up to a total bill of \$4,200. That is all what Operation Hemorrhage cost us. In terms of time it took us three months to plan and execute the operation from beginning to end. On the other hand this supposedly "foiled plot", as some of our enemies would like to call, will without a doubt cost America and other Western countries billions of dollars in new security measures. That is what we call leverage. A \$4,200 operation will cost our enemy billions of dollars. In terms of time and effort, three months of work for a team of less than six brothers would end up costing the West hundreds of thousands, if not millions, of hours of work in an attempt to protect itself from our packages of death.

From the start our objective was economic. Bringing down a cargo plane would only kill a pilot and co-pilot. It is true that blowing up the planes in the sky would add to the element of fear and shock but that would have been an additional advantage to the operation and not a determining factor of its success.

During the initial discussions of the team it was determined that the success of the operation was to be based on two factors: The first is that the packages pass through the latest security equipment. The second, the spread of fear that would cause the West to invest billions of dollars in new security procedures. We have succeeded in the former and we are now witnessing the inception of the latter.

We will continue with similar operations and we do not mind at all in this stage if they are intercepted. It is such a good bargain for us to spread fear amongst the enemy and keep

him on his toes in exchange of a few months of work and a few thousand bucks. We would gladly dispense with a remote controlled device that does not require us to put a mujahid on board a plane. For our enemies to think that intercepting such a package is evidence of their success is truly ridiculous.

What has passed is the first of a multi-phased operation. The next phase would be to disseminate the technical details of our device to the mujahidin around the world to use from their respective countries. The following phase would be for us to use our connections to mail such packages from countries that are below the radar and to use similar devices on civilian aircrafts in Western countries. We are laying out for our enemies our plan in advance because as we stated earlier our objective is not maximum kill but to cause a hemorrhage in the aviation industry, an industry that is so vital for trade and transportation between the U.S. and Europe. □