



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

Report of Examination

Examiner Name: Thomas J. MohrTM

Date: November 13, 1998

Unit: Materials and Devices

Phone No.: [REDACTED]

Case ID #: [REDACTED]

Lab No.: 80618024 S ZW AR

Results of Examinations:

On June 17, 1998, a field examination of four (4) electric detonators was conducted in Havana, Cuba. The following information represents the specifications of the specimens examined:

I). SHELL:

1. Composition: Aluminum
2. Length: Approximately 1.750 inches
3. Diameter: Approximately 0.290 inches
4. Plug: Gray split rubber
5. Crimp: Dual compression
6. Base: Flat bottom
7. Warning statement: Four line warning statement exhibiting the following lettering in blue ink:

DANGEROUS
BLASTING
CAP
EXPLOSIVE

II). LEG WIRES:

1. One yellow insulated, single conductor, single strand copper wire having a diameter of approximately 0.023 inches.
2. One blue insulated, single conductor, single strand copper wire having a diameter of approximately 0.023 inches.

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Subsequent research with Dupont Explosives officials indicates these detonators are most consistent with a Dupont #8 strength, 25-milisecond-delay electric detonator. This type of detonator was manufactured prior to 1986 at Dupont's facility in Pomton Lakes, New Jersey. Dupont officials further advised that approximately 50 million detonators of this type were produced each year and were exported all over the world.



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WASHINGTON, D. C. 20535

To: SAC, Miami

Date: November 13, 1998

Case ID #: [REDACTED]

Lab No. 80618024 S ZW AR

Reference: Communication dated June 18, 1998

Your No. 95D-HQ-1255131

Title: BOMBINGS,
HAVANA, CUBA

OO: MIAMI

Specimens received: June 18, 1998

Specimens:

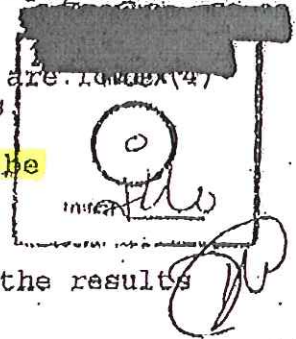
- Q1 Explosive sample (Your item #1)
- Q2 Explosive sample (Your item #2)
- Q3 Explosive sample (Your item #3)

The results of the Materials and Devices examinations and the Chemistry examinations are included in this report, which completes the examinations in this matter.

Enclosed for your investigative assistance are [REDACTED] sets of photographs depicting the electric detonators.

The submitted specimens Q1 through Q3 will be maintained by the FBI Laboratory.

Please call the Materials and Devices Unit, (202) 324-4341; if you have any questions concerning the results of examination in this case.



Kiszyński
[Signature]

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