



DHASS Pentagon and Somerset Incidents



- Pentagon: 188 Missing and unknown individuals
 - 64 individuals on the plane and 124 building occupants
 - All recovered decedents were sent to Dover
 Condition ranged from intact to highly fragmented
 - 946 samples were collected for DNA analysis
- Somerset: 44 Unknowns
 - Due to high impact crash remains were highly fragmented
 - 592 samples were collected for DNA analysis
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DHAFF AFMES Pentagon Response



- First 24 hours
 - How many and who was missing
 - Jurisdiction
 - Who is in charge: Virginia or Federal
 - Investigative agencies
 - Pentagon Police, FBI, NCIS, OSI, CID, NTSB, Arlington Police
 - Staffing
 - Supplies
 - Dover Air Force Base

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DHAS

Multi-Faceted Approach for Death Investigation at Port Mortuary





- Triage -photo documentation
- Bar Coding
- FBI Fingerprinting
- Full body digital x-ray
- Postmortem dental exam/x-ray
- Autopsy
- Samples for DNA testing
- Embalming
- Wrap and Dress
- Transportation



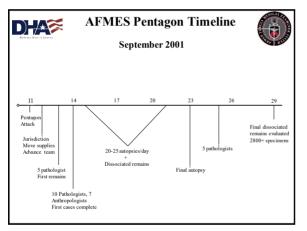


DHAS AFMES Somerset Response

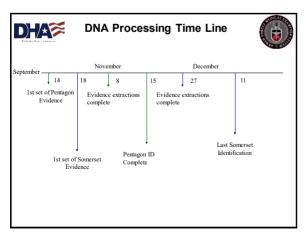


- · Remained under local jurisdiction
- · DMORT team dispatched to assist
 - Head anthropologist from the AFIP
 - Two pathologists
 - Additional support personnel
- · AFMES provided DNA collection support

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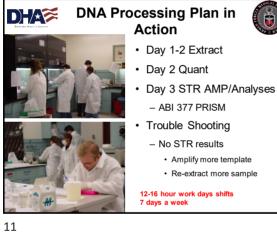


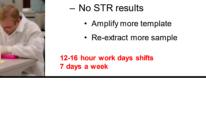


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DHAR Mass	s Disaster DNA Processing	Plan
Evide	Four Teams Pentagon Evidence Team	nce
Photodo	Pentagon Reference Team	MFIMS
Extrac	Somerset Evidence Team	ion
Amplifi	Somerset Reference Team	ation
STR Ar	*Entire Lab Effort*	ılysis
Data entered into search program		
Statistics Generated		
Preliminary Report		

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DNA Processing Plan in Action

Week 1: 60 extractions/day (40 Pentagon and 20 Somerset)

Week 2: 100 extractions/day (80 Pentagon and 20 Somerset)

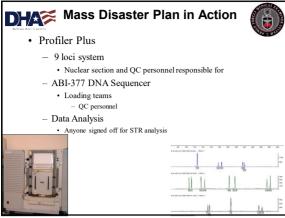
Pentagon:

65 gels/1954 analyses

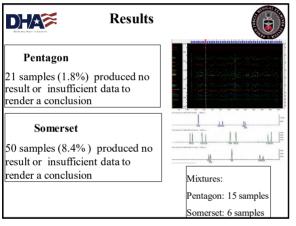
Somerset:

35 gels/1200 analyses









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DHAS Pentagon Results



188 Victims - 183 Unique DNA Profiles

- 70 DNA
- 29 DNA and Fingerprint (FP)
- 59 DNA and Dental
- 20 DNA, FP, and Dental

178

Five DNA profiles that did not match reference material were released to the FBI for further investigation.

DHAF Somerset Results



44 Victims - 44 Unique DNA Profiles

26 - DNA

- 7 DNA and Fingerprint (FP)
- 5 DNA and Dental
- 2 DNA, FP, and Dental

40

Four DNA profiles that did not match reference material were released to the FBI for further investigation.

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