

KARYN E. POLITO LIEUTENANT GOVERNOR

DANIEL BENNETT

COLONEL RICHARD D. MCKEON SUPERINTENDENT

## The Commonwealth of Massachusetts Department of State Colice Erime Laboratory

124 Acton Street Maynard, MA 01754

Telephone: (978) 451-3300 Facsimile: (978) 451-3320

### **Evidence Return Receipt**

Lab Code / Case No.:

Department Name:

MCL17-18214

**MSP Middlesex County Detective Unit** 

Offense Location:

Non Fatal

Department Case No.:

2017-110-0404

Offense Date:

Case Type:

Chelmsford 07/23/2017

Case Officer:

**Trooper Anthony Delucia #2975** 

Offense Type:

**Police Shooting** 

Reference(s):

17-18214

2017-110-0404

Comment:

Container #	Submission #	<u>Item #</u>	Quantity	Description / Source
2 <b>A</b>	1 ,	1-1	1	One Firearm (Handgun) Box Firearm Weapon received from Chelmsford PD Det. Steven Hawkins.
A	1	1-1.1	2	One coin envelope Test Fire Two (2) test fires of item 1-1 using two live cartridges from item 1-3
A	1	1-2	1	One Firearm (Handgun) Box Magazine(s) Magazine recovered loaded with eleven (11) .40 S&W caliber live cartridges, head stamped 'SPEER".
<b>A A a a a a a a</b>	1	1-3	11	One Firearm (Handgun) Box Ammunition Eleven (11) .40 S&W caliber live cartridges, head stamped 'SPEER" from magazine.
A	1	1-4	1	One Firearm (Handgun) Box Ammunition One (1) .40 S&W caliber live cartridges, head stamped 'SPEER" from firearm chamber.
A	3	3-1	1	One Firearm (Handgun) Box Discharged Cartridge Casing(s) One (1) .40 S&W caliber discharged cartridge casing, head stamp "SPEER". photo as #3.
A	3	3-2	1	One Firearm (Handgun) Box Discharged Cartridge Casing(s) One (1) .40 S&W caliber discharged cartridge casing, head stamp "SPEER". photo as #4.
A	3	3-3	1	One Firearm (Handgun) Box Spent Projectile(s) One (1) jacketred spent projectile recovered from wall in bedroom. Photo as #9.

Det. Jeff Blodgett		Evidence Technician: Andrew S. Fiorentino	
rint Name (Released To)		Returned By	
Merze	09/05/2017	andr S. From Mis	
signature (Released To)	Date	Signature (Returned By)	

The items and/or sub-items listed on this receipt were assigned by the laboratory and are returned in sealed packages. The accountability for the contents of these sealed packages is the responsibility of the submitting officer and/or laboratory examiner.



### Firearms Identification Section Review Worksheet

Case #:17-18214	Town: Chelmsford
Technically Reviewed By:	Date:
Administratively Reviewed By:	Date:
	f-// "

Examiner's Initials & ID#	<b>Examination Start Date</b>	Examination Finish Date
1) m 0097	08-61-17	08-03-17

This worksheet is intended as a guide for the firearm's examiner. Not every piece of information is required for every case and the firearms examiner needs only to record information applicable to the particular case.

Massachusetts State Police Forensic Services Group

FIS Review Worksheet

Issued By: Section Commander FIS
Issue Date: December 21, 2012

FIS-F004-v02.0

Page 1 of 1





KARYN E. POLITO LIEUTENANT GOVERNOR

DANIEL BENNETT SECRETARY

COLONEL RICHARD D. MCKEON SUPERINTENDENT

# The Commonwealth of Massachusetts Department of State Colice

Erime Laboratory Tirearms Sdentification Section — Maynard 124 Aboton Street Maynard, Massachusetts 01754 Telephone (978) 451-3480 Tacsimile (978) 451-3481

### FIREARMS IDENTIFICATION SECTION REPORT

**Laboratory Case Number: 17-18214** 

Agency: MSP Middlesex County Detective Unit

Suspect(s): William O Santiago

Victim(s):

Report Date: August 18, 2017 Agency Number: 2017-110-0404 Offense Type: Police Shooting

Town: Chelmsford

On July 23, 2017, Lieutenant David M Cahill and Trooper's David Hughes and Michael Bonasoro of the Firearms Identification Section responded to 3 Clover Hill Drive in the Town of Chelmsford in regards to a Non-Fatal Police Officer Involved Shooting. The following evidence was recovered and returned to this section for examination:

- 1-1 Firearm .40 S & W caliber Glock model 23Gen4 semi-automatic pistol serial number RTV870
- 1-2 Magazine(s) Magazine recovered loaded with eleven (11) .40 S&W caliber live cartridges, head stamped 'SPEER".
- 1-3 Ammunition Eleven (11) .40 S&W caliber live cartridges, head stamped 'SPEER" from magazine.
- 1-4 Ammunition One (1) .40 S&W caliber live cartridges, head stamped 'SPEER" from firearm chamber.
- 1-5 Discharged Cartridge Casing(s) One (1) .40 S&W caliber discharged cartridge casing, head stamp "SPEER 40 S&W". photo as #3.
- 1-6 Discharged Cartridge Casing(s) One (1) .40 S&W caliber discharged cartridge casing, head stamp "SPEER 40 S&W". photo as #4.
- 1-7 Spent Projectile(s) One (1) copper jacketed spent projectile recovered from wall in bedroom. Photo as #9.

Item 1-1 is a .40 S&W caliber Glock model 23 Gen4 semi-automatic pistol, serial number RTV870. Item 1-1 has a general rifling system of six lands and six grooves with a right hand twist. The trigger pull measured between six and seven pounds. Item 1-1 was test fired using two of the recovered live cartridges and no malfunction were noted.

As the result of physical and microscopic examination of the recovered evidence against the test specimens it is my opinion that:

A/The two .40 S&W caliber discharged cartridge casings mentioned in items 1-5 and 1-6 above were both fired by item 1-1 .40 S & W caliber Glock model 23Gen4 semi-automatic pistol serial number RTV870.

17-18214 Chelmsford

Seg.#:

Page 1 of 2

Report Date: August 18, 2017

Excellence In Service Through Quality Forensic Science

B/The copper jacketed lead spent projectile mentioned in item 1-7 above was fired from item 1-1 .40 S & W caliber Glock model 23Gen4 semi-automatic pistol serial number RTV870.

No further examination will be conducted unless requested.

This report reflects the test results, conclusions, interpretations, and/or the findings of the analyst as indicated by the signature below. Uncertainty of Measurement plus or minus 1/16 of an inch.

Lieutenant David M. Cahill Massachusetts State Police

Firearms Identification Section

david.cahill@MassMail.State.MA.US

This report was electronically signed using password protected software.

Report to: Trooper Anthony Delucia #2975

MSP Middlesex County Detective Unit

### Firearms Identification Section Worksheet

Case #: 17-18214	Town:	Chelmsford	
Container Letter:    Container Letter:	Outer Packaging:  Paper Bag Plastic Bag  Rifle Box Handgun Box  Seal Condition: Sealed & Marked Unseale		
FIREARM	Exam Location:  DANY LAKE MAYN	□ SPRG	
Caliber, 40 5	9 (a)	DRAWINGS ARE NOT TO SCALE	
Make/Manufacturer  Model  23 Gen	The U	Cylinder Capacity and Direction:	
Action/Firearm Type  Sem, -	Asto		
Serial# RTV8		Magazine Type and Capacity:	
Importer	3		
Barrel Length   Device # 16086180		Ammunition / Headstamp:	
Overall Length		Centerfire Rimfire	
Direction of Twist		SPEER	
Ammunition Capacity  Safety Functionality	13+1		
N Oft	gual saffy	40 500	
Trigger Pull Measurement 1	2 7.22 3 6.00	10 3 800	
Overall Functionality	Construre?	×12	
Test Fire Properly? Remarks:	Yes   No Witness' initia	als: <u>MP13</u>	
T/5- 1+em 1-	1 ysins two live cont	olges from Hear 1-3	
No malking the sure puted			
# of Test Fire Rounds S	Saved 2 NIBIN Round	s Saved	

·	
Examiner's Initials & ID#	Examination Date

This worksheet is intended as a guide for the firearm's examiner. Not every piece of information is required for every case and the firearms examiner needs only to record information applicable to the particular case.

Massachusetts State Police Forensic Services Group

Section Worksheet

Issued By: Section Commander Issue Date: October 24, 2014

FIS-F005-v04.0



## **Massachusetts State Police Firearms Identification Section**

Page	1	of	3

Case #17-18214	Examiner's Initials & ID # She d(9)
Examination Start Date: 08-61-17	Examination Finish Date: 08-62-17

1-5 OWE (1) . 40 SEW CALIBER LISCHARGER CANTRILS CASING
hers stand " SPEER 40 SQU" CSS placemo # 3
1-1 owf (1) , 40 Sew cayour discharged contribe casing
her STAME" SPEEN 40 SEL" CSS placemo # 4
After physical and microscopic examination of 1kms
1-5 and 1-6, 43 sew exclased contribe cosings
I found that those discharged countridge comings have the
SAME CLASS Change teristics as De test Firing's
from them 1-1 wappen. They Also have sufficient
genulty and quality et individual mankinss located
on The Fising P.N Aperature Shepa. Items 1-5
and 1-6 were Bus fired by stem 1-1 megan

## **Massachusetts State Police Firearms Identification Section**

Page > of	3
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Case #17-18214	Examiner's Initials & ID # 1009)
Examination Start Date: 08-61-17	Examination Finish Date: 08-02-17
ONE AND OF 1 Jentification	15 Show IN The Spaple
photograph included in	the come Cile.
venified	
Items 1-5 and 1-6 W	ere but fired by them
1-1 WEARE MAD 8-2	<del>-17</del>
A	

Massachusetts State Police Forensic Services Group

FIS Examination Worksheet Issued By: Section Commander Issue Date: March 21, 2013 FIS-F003-v03.0

## **Massachusetts State Police Firearms Identification Section**

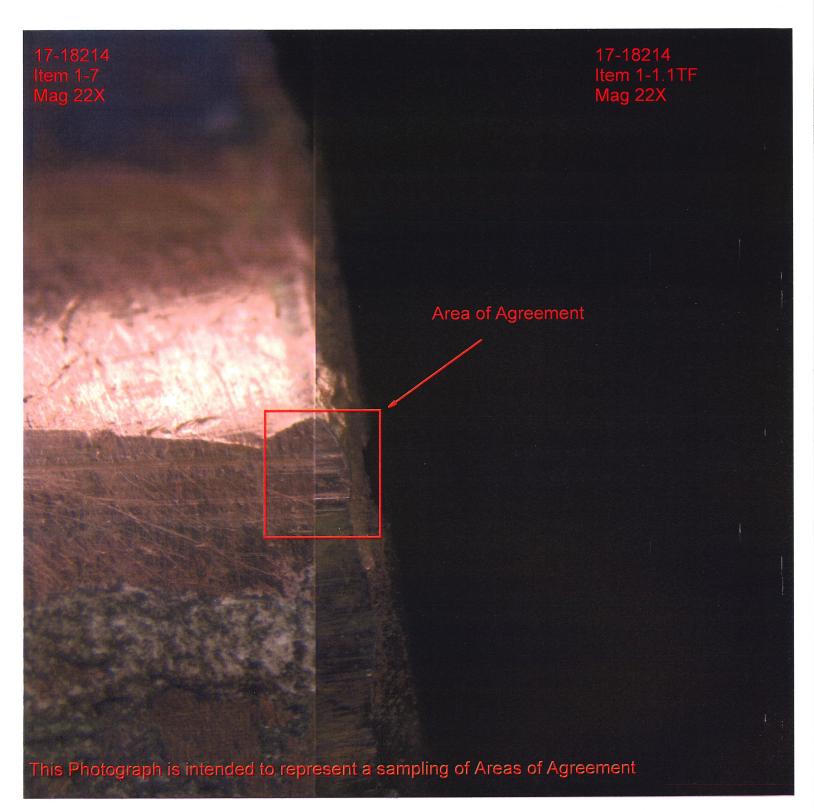
Page	3	of	3	7

Case #17-18214	Examiner's Initials & ID # 10697
Examination Start Date: (8-6/-/)	Examination Finish Date: 08-07-17
1-7 OWE (1) CHAPER JACKETEL	loss cost parectile
Welshins 164.4 Grans Rif	They 600 10119 2105- 2780
After physical and microscopic ext	aminata et 1 ten 1-7 I fama?
This Cupper goeretel leas son	
Channeleristics as the test Firings	
Sufficient quantity and quality	
IN Pe land and grove impressives.	
Hen /- 1 wegner ont Area el	
The sample photograph judlale	
Venified Item 1-7 was Fire	{ from 1 de en 1-1 LEADUNT
Venified 1tem 1-7 was Fire	SUPUNU
	<b>V</b>

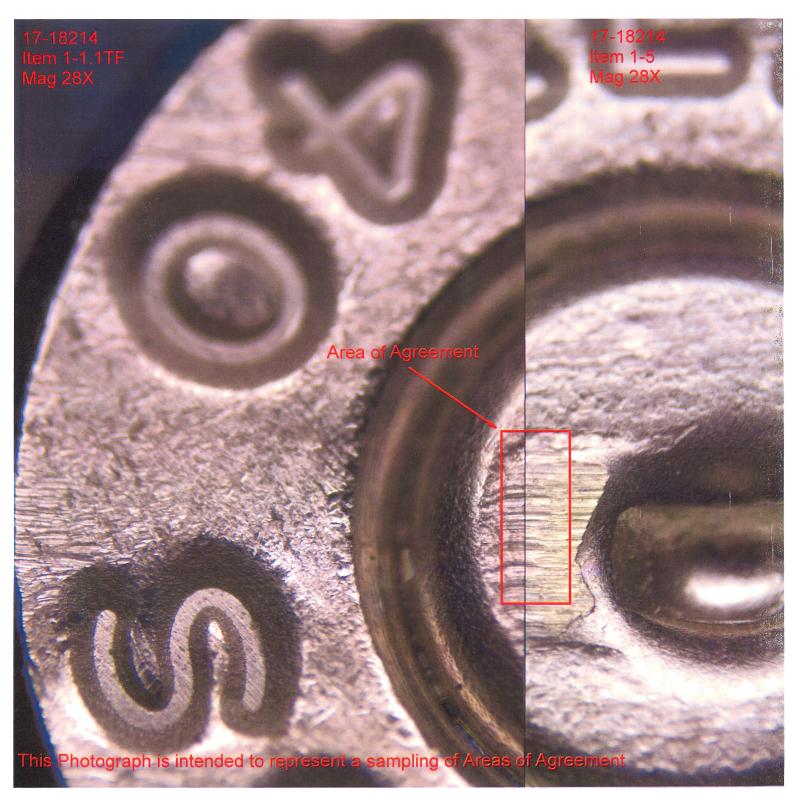
Massachusetts State Police Forensic Services Group

FIS Examination Worksheet Issued By: Section Commander Issue Date: March 21, 2013 FIS-F003-v03.0

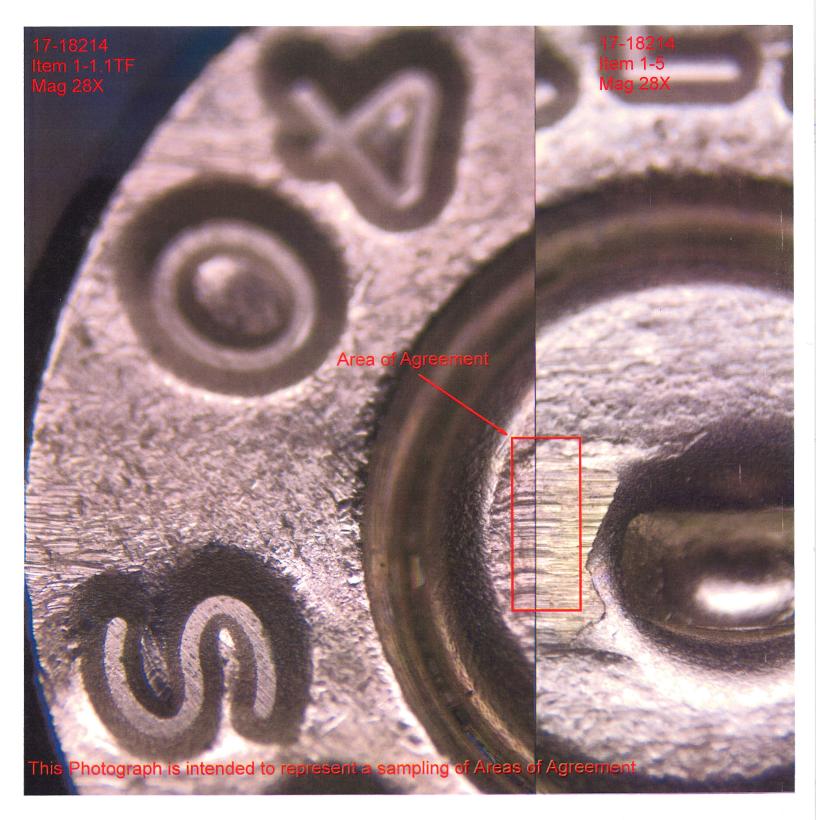




17-18214 Dm



17-18214



17-18214



### **EVIDENCE SUBMISSION FORM (ESF)**



The Commonwealth of Massachusetts Department of State Police Forensic Services Group (FSG) Sudbury Evidence Unit: (508) 358-3155 Fax: (508) 358-3222 Danvers Evidence Unit: (978) 538-6111 Fax: (978) 538-6112 Lakeville Evidence Unit: (508) 946-1310 Fax: (508) 946-1041 Springfield Evidence Unit: (413) 205-1837 Fax: (413) 205-1838 Place LIMS Barcode Label here or write assigned number below.

(Affix LIMS barcode label here.)

ESC	Case	Num	her

17-18214

	Date of incident: 07/23/2017							
Investigating Agency: MSP Middlesex Co	ounty Detective Uni	t		Investigating Agency Ca	ase #:			
Incident Address: 3 Clover Hill Drive				Incident Town: Cheln	nsford	·		
Report to (Name): Trooper Anthony Del	lucia #2975		Tel.	#: (781) 897-6618	Email:			
Victim/Other's Name(s)	DOB	Sex	Race		's Name(s)	DOB	Sex	Race
V		F Santiago, William O		(1981)	M	W		
<u>.</u>				SSN#				,
ist item description and owner's name (or origin)	of <u>each</u> item separately.	separately. Recovery Location		Analysis Requested: (e.g., Arson, Bio Testing, CRIM, CSSS, DEMS, DNA, FIS, GSR, Tox, Tox OUI w/blood, Trace, etc.) / Special Requests (Please include officer report on all physical evidence)				
-1 [Firearm ] (Qty:1)			eapon received fr wkins.	rom Chelmsford PD Det. Steven				
-2 [Magazine(s)] (Qty:1)	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Magazine recovered loaded with eleven (11) .40 S&W caliber live cartridges, head stamped 'SPEER".						
-3 [Ammunition ] (Qty:11)			even (11) .40 S&\ amped 'SPEER" f	W caliber live cartridges, head from magazine.	/			
1-4 [Ammunition ] (Qty:1)			ne (1) .40 S&W c PEER" from firea	aliber live cartridges, head stamped rm chamber.				
d verify the inventory. In the event of a discrepancy ervices Group (FSG) Evidence Handling and Submiss	between the actual inventorsion Manual.	ry and	that reported	on this form, reconciliation sha	all be conducted in accordance w	ed analyst/examiner vith the Massachuset	will unse tts State I	eal the p
ne items reported to be in the packages were inventor d verify the inventory. In the event of a discrepancy rvices Group (FSG) Evidence Handling and Submiss I, Ter. Received By (Signature)	between the actual inventorsion Manual.	ry and	that reported	from the submitting agency. A on this form, reconciliation shart the item(s) above from Tr	all be conducted in accordance w	vith the Massachuse	will unse ts State I	eal the p

Page 1 of 1

Issue Date: July 21, 2014

### **EVIDENCE SUBMISSION FORM (ESF)**



The Commonwealth of Massachusetts Department of State Police Forensic Services Group (FSG) Sudbury Evidence Unit: (508) 358-3155 Fax: (508) 358-3222 Danvers Evidence Unit: (978) 538-6111 Fax: (978) 538-6112 Lakeville Evidence Unit: (508) 946-1310 Fax: (508) 946-1041 Springfield Evidence Unit: (413) 205-1837 Fax: (413) 205-1838 Place LIMS Barcode Label here or write assigned number below.

(Affix LIMS barcode label here.)

FSG Case Number

17-18214

Type of Case: Police Shooting Date of incident: 07/23/2017					
Investigating Agency: MSP Middlesex County Detective Unit		Investigating Agency Ca	ase #:		
Incident Address: 3 Clover Hill Drive		Incident Town: Chelm	nsford		
Report to (Name): Trooper Anthony Delucia #2975	Tel.	#: (781) 897-6618	Email:		
Victim/Other's Name(s) DOB	Sex Race	Suspect'	s Name(s)	DOB	Sex Race
V	F	Santiago, William O  SSN#		1981	M W
List item description and owner's name (or origin) of <u>each</u> item separately.	R	ecovery Location	Analysis Requested: (e.g., CRIM, CSSS, DEMS, DN OUI w/blood, Trace, etc.)/ include officer report on a	A, FIS, GSR, Tox, To Special Requests (P	lease
3-1 [Discharged Cartridge Casing(s)] (Qty:1)	One (1) .40 S&W on head stamp "SPEE	caliber discharged cartridge casing, R". photo as #3.			
3-2 [Discharged Cartridge Casing(s)] (Qty:1)	One (1) .40 S&W o	caliber discharged cartridge casing, ER". photo as #4.			, v
3-3 [Spent Projectile(s)] (Qty:1)	One (1) jacketred s bedroom. Photo as	spent projectile recovered from wall in #9.			
				,	

07/23/2017 Date

I, TFr. Received By (Signature)

SP Ballistics - Maynard

, acknowledge receipt of the item(s) above from Trooper David Hughes.

Signature of Delivered By

Printed or typed rank & name of Delivered By

Department / Agency (of Delivered By) IF THE STATUS OF THIS CASE CHANGES, PLEASE NOTIFY THE CASE MANAGEMENT ONIT AT 978-451-3440.

YELLOW (DA, Page 2 of 4) PINK (Evidence, Page 3 of 4) GOLD (Deliverer, Page 4 of 4)

ECU-F008-v11.1

Page 1 of 1

WHITE (Lab, Page 1 of 4)

### **MASSACHUSETTS STATE POLICE** FIREARMS IDENTIFICATION SECTION

DEPT: Chelms ful P.D (Millesey Come)	CASE #: /7-/82/4
LOCATION: 3 Clove Hill DA	DATE: 07-23-17
OFFENSE: POSS FATAL NONFTL ASSAULT	OTHER
TIME OF ARRIVAL:	SCENE: SECURED NONSECURED
LIGHTING CONDITIONS:	WEATHER: PANTLY Clayly 76
VICTIM: OFF LEANY	DEFENDANT:
SUBMITTED BY:	RECEIVED BY:
MAKE/MANUFACTURER: 67/004	
CALIBER: 40 Sew	MODEL: 23 Grew V
SERIAL#: NTV 870	FIREARM TYPE: SIP DISO!
SAFETY POSITION: M/A	HAMMER POSITION: NO external Isany
Recieved Fram Der Steven H	14 wkins 10:10 his
2 Magazines Fran Orghangy Dell / 1- Light yaker Fran Cretweey De 1- Magazine fran Wegnen with 11 a 1- Live Candrilse Fran Change	Chelmsford po
CASE #: 17 - 18214  OFFICER LT D.M. COHILL	TOWN: Chelmsford OFFICER
ID#: 0(97	ID#:

This worksheet is intended as a guide for the firearm's examiner. Not every piece of information is required for every case and the firearms examiner need only to record information applicable to the particular case.

Massachusetts State Police Forensic Services Group Crime Scene Worksheet

Issued By: Section Commander FIS Issue Date: March 21, 2013

FIS-F002-v03.0

Page 1 of 1



## MASSACHUSETTS STATE POLICE FIREARMS IDENTIFICATION SECTION

DEPT: Chelms Fur ( Cm, Ellesex Come)	CASE #: /7 - /62/4		
LOCATION: 3 Clove HIII Dn DATE: 67-23-17			
OFFENSE: POSS FATAL NONFTL ASSAULT	OTHER		
TIME OF ARRIVAL:  69:50	SCENE: SECURED NONSECURED		
LIGHTING CONDITIONS: Day Light	WEATHER: PRATY Cloyly 750		
VICTIM: OFF Mean	DEFENDANT:		
SUBMITTED BY:	RECEIVED BY:		
MAKE/MANUFACTURER: 6 /cr4			
CALIBER: 40 860	MODEL: Mchel 23 Gen4		
SERIAL #: NTU 894	FIREARM TYPE: SIA pisal		
SAFETY POSITION: plf-	HAMMER POSITION: Muse		
SAFETY POSITION: p. 1/2  Reciecco for Dio Society	11 pakins		
1- Live From Chanter			
Three Fall Cornel MARGAZINS	(13 Lie) ligno under Stile		
All Actural to Chelps for Il Pd			
A STATE OF THE STA			
CASE #: 17-18214	TOWN: Chelmsfor		
OFFICER LS D.M CAHICL	OFFICER		
ID#: 0697			

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Massachusetts State Police Forensic Services Group Crime Scene Worksheet

Issued By: Section Commander FIS Issue Date: March 21, 2013

FIS-F002-v03.0

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## MASSACHUSETTS STATE POLICE FIREARMS IDENTIFICATION SECTION

DEPT: Chelms ford (milleses com)	CASE #: /7-/8214			
LOCATION: 3 Clove 14111 DA	DATE: 0)- @3-/7			
OFFENSE: POSS FATAL NONFTL ASSAULT OTHER				
TIME OF ARRIVAL:	SCENE: SECURED NONSECURED			
LIGHTING CONDITIONS:	WEATHER: partly Cluby 75			
VICTIM: OFF Monti	DEFENDANT: William Santingo - 81			
SUBMITTED BY:	RECEIVED BY:			
MAKE/MANUFACTURER: 6, 16, 4				
CALIBER:	MODEL: 23 Gow 4			
SERIAL #: UUN 756	FIREARM TYPE: SIA p. 521			
SAFETY POSITION: Nume	HAMMER POSITION: Mare			
Recieval from Det Steven	HAUKIUS			
3 Fully lappel maggzins (13 Li	is (Antrilias)			
1- LILY CANTALS FAM Chamber				
All Nelewill to Chelles Fork				
1/1/1 reacon so energy-one	(p', 0) = (p', 0) = (p', 0)			
012111				
CASE #: / ) - / \ \ \ / \	TOWN: C4e/m) for 4			
OFFICER LT DIM CAHIOL	OFFICER			
ID#: 0(9)	ID#:			

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Massachusetts State Police Forensic Services Group Crime Scene Worksheet

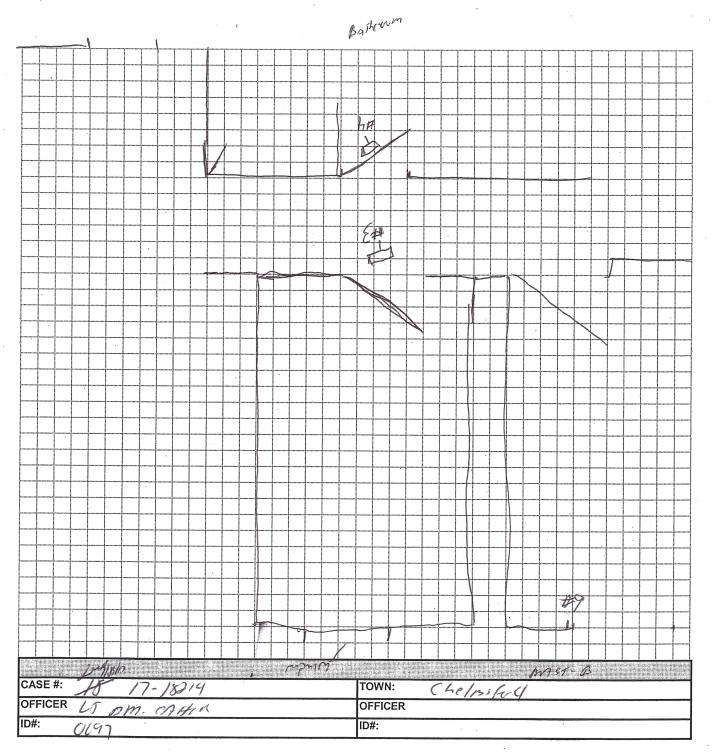
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FIS-F002-v03.0

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## MASSACHUSETTS STATE POLICE FIREARMS IDENTIFICATION SECTION



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FIS-F002-v03.0

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