



## Summary Report

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### **I. Introduction**

Test 10-A was Crime Scene On-Call's second proficiency test and the first as an approved provider. It was available during the first half of 2010. The test period closed June 30, 2010 and the last report was received by the evaluation committee on August 4, 2010. The Test 10-A data presented here were compiled from the test reports submitted by twenty-two participants from seventeen agencies.

The results found in this report are intended to be interpreted by each participating agency according to their own policies and standards. Each participant declared in advance their specific crime scene responsibilities per their Agency's policies. The reports submitted by each participant will necessarily differ due to the fact that their standard duties while investigating crime scenes differ.

On rare occasion, we chose to highlight items that may warrant the attention of the participating agency.

In addition to the Report Form, all participants submitted report and examination documents that were specific to their agencies. Since the types of documents used by different agencies may be of broad interest, we provide summary information on them.



January through June, 2010

We did not analyze each individual photo for merit. Instead, we looked to see how many of each general type (i.e. overall, mid range, close up) and to see that each piece of evidence was properly photographically documented in a close up image.

## II. Target Items

The Manufacturer's Information report is available on the Crime Scene On-Call website ([www.crimesceneoncall.com](http://www.crimesceneoncall.com)). The Manufacturer's Information report includes a target list of evidence items. Based on feedback from participants of the previous test stating that it was easy to spot which items were to be collected, we included a number of items on the original list that could be collected, but were not intended to be evidence items. The final target list is derived from the results submitted by Test 10-A participants; only those items collected by 70% of participants were included in the final list. Conversely, if >70% of participants collected a piece of evidence that was not on the original target list, it would have been added to the target list. For Test 10-A, no items were added and the final target list was comprised of these 14 items:

<b>Evidence Item</b>	<b>% Collecting</b>
1. Impression in blood on file cabinet	<b>100</b>
2. Letter on floor near table	<b>100</b>
3. Roll of duct tape near victim	<b>100</b>
4. Wine bottle	<b>100</b>
5. Trace evidence near victim's hand	<b>100</b>
6. Ball cap	<b>100</b>
7. Pipe with bloodstains	<b>100</b>
8. Revolver	<b>100</b>
9. Bloodstain pattern: floor near victim's leg	<b>100</b>
10. Bloodstain pattern: floor near victim's head	<b>95</b>
11. Shoe impression	<b>100</b>
12. Notepad on table	<b>77</b>



13.Pieces of pipe	<b>100</b>
14.Wastebasket and/or contents	<b>91</b>

### III. Packaging and Processing Choices

This was the first time using the evidence processing steps which were recorded automatically. This yielded a great deal of information, which has been condensed greatly for this report. Because it is a new system, we drew only general conclusions from the data for this test. This is also the first time Personal Protective Equipment choices as well as other specialized equipment or personnel could be “requested” by the investigator. The most oft-chosen selections for packaging and processing are listed below; the PPE choices are in the Data Table which follows.

Item#	Item	Category	% Selecting
1	Hand impression	Packaging: Swab	53
		Packaging: Cardboard box	32
		Packaging: Manila envelope	5
		Packaging: Plain paper	11
		Packaging: Swab box	21
		Presumptive testing: Blood	5
		Processing: Swab for DNA	68
		Special Enhancement: Amido Black	89
		Special Equipment: Tripod	47
		Special Equipment: Level	26
		Special Examination: Magnify	26
		Special Examination: ALS	32
		Special Photography: 90 Degree/Perpendicular Photos	84
		Special Photography: Oblique Light	32
2	Letter	Packaging: Plain paper	11
		Packaging: Large ziploc bag	5
		Packaging: Manila envelope	58
		Packaging: Paper bag	11
		Packaging: Plastic bag	16
		Special Photography: 90 Degree/Perpendicular Photos	42



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Item#	Item	Category	% Selecting
3	Duct Tape Roll	Package: Plain paper	26
		Packaging: Cardboard box	5
		Packaging: Paper bag	74
		Special Photography: 90 Degree/Perpendicular Photos	37
4	Bottle	Package: Cardboard box	42
		Packaging: Manila envelope	5
		Packaging: Paper bag	42
		Processing: Dust for Prints	58
		Processing: Swab for DNA	63
		Special Photography: 90 Degree/Perpendicular Photos	37
		Tape Lift	32
5	Hair	Package: Bindle	53
		Packaging: Jar	5
		Packaging: Glassine envelope	32
		Packaging: Manila envelope	16
		Packaging: Paper bag	11
		Special Photography: 90 Degree/Perpendicular Photos	42
6	Ball Cap	Package: Paper bag	100
		Special Photography: 90 Degree/Perpendicular Photos	32
7	Pipe	Package: Plain paper	16
		Packaging: Box, suspended	5
		Packaging: Cardboard box	32
		Packaging: Long gun box	11
		Packaging: Paper bag	37
		Presumptive testing: Blood	37
		Processing: Dust for Prints	42
		Processing: Swab for DNA	58
		Special Examination: Magnify	26
		Special Examination: ALS	26
		Special Photography: 90 Degree/Perpendicular Photos	68
9	Blood drips under leg	Package: Cardboard box	16
		Packaging: Manila envelope	21
		Packaging: Paper bag	11
		Presumptive testing: Blood	63
		Processing: Swab for DNA	89



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Item#	Item	Category	% Selecting
9	Blood drips under leg, cont.	Processing: Take standard	32
		Special Photography: 90 Degree/Perpendicular Photos	53
10	Blood stains near head	Packaging: Swab	47
		Packaging: Cardboard box	5
		Packaging: Manila envelope	21
		Packaging: Paper bag	5
		Packaging: Swab box	5
		Presumptive testing: Blood	47
		Processing: Swab for DNA	74
		Processing: Take standard	26
		Special equipment: Tripod	26
		Special Photography: 90 Degree/Perpendicular Photos	53
11	Shoe impression	Electrostatic Lift	26
		Packaging: Cut out floor, put in box	32
		Packaging: Gel lift in box	11
		Packaging: Cardboard box	32
		Packaging: Manila envelope	21
		Packaging: Paper bag	5
		Processing: Swab for DNA	26
		Special Equipment: Tripod	79
		Special Equipment: Level	42
		Special Photography: 90 Degree/Perpendicular Photos	89
		Special Examination: Oblique Light	26
		Special Photography: Oblique Light	63
		12	Yellow notepad
Packaging: Manila envelope	37		
Packaging: Paper bag	32		
Packaging: Plastic bag	5		
Special Photography: 90 Degree/Perpendicular Photos	42		
Special Examination: Oblique Light	37		
Special Photography: Oblique Light	32		
13	Pieces of pipe	Packaging: Plain paper	11
		Packaging: Paper bag	26
		Packaging: Cardboard box	26
14	Wastebasket/contents	Collected, tagged only	11



Item#	Item	Category	% Selecting
14	Wastebasket/contents, cont.	Package: Plain paper	5
		Packaging: Manila envelope	5
		Packaging: Paper bag	63
(1)	File Cabinet	Package: Plain paper	32
(1)	File Cabinet	Processing: Dust for Prints	37

#### IV. Abbreviations Used in the Data Table

BPA	Bloodstain Pattern Analyst
DM	Dust Mask
FR	Full Respirator
GPS	Global Positioning System
HB	Heavy Boots
INF	Inferred
JS	Jumpsuit
K9	Canine
LAD	Ladder
LG	Latex Gloves
LPE	Latent Print Examiner
LTS	Lights
MD	Metal Detector
ME	Medical Examiner
MTN	Mentioned
NC	Not collected
NG	Nitrile Gloves
PB	Paper Booties
PROC	Processed
REC	Reconstruction Expert
SG	Safety Glasses
SUP	Supervisor
TBC	Tyvek Boot Covers
TOS	Total Station
TS	Tyvek Suit
UNK	Unknown
VM	Vapor Mask

Participant Code	0118	0203	0321	0618	0821	0915	1007	1122	1403	1609	1714	1924	2021	2320	2411	2523	2603	2621	2815	3120	3719	3124
Sector	3	2	2	4	7	1	4	4	3	3	4	1	9	1	1	5	4	8	2	6	5	6
Avatar	Bodenhall	Collinson	Yorcliffe	Ogleby	Radmusser	Danick	Larimore	Garsdale	Hammand	Luckstone	Southmoor	Zackerly	Walmer	Spires	OHanlon	Whelan	Kenyon	Kenyon	Woodford	Hornbridge	anningham	Hornbridge

DECLARED DUTIES																						
A - Note taking/Reports	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
B - Photography	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C - Evidence Collection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
D - Sketching	Yes	No	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes

ITEMS SUBMITTED IN REPORT																						
Case Jacket					Yes	Yes			Yes			Yes				Yes		Yes			Yes	
CSOC Report Form	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3	3	3	3	3
Narrative	2	(9)	4	5	5	1	4	4	1	2	3	6	8	4	8	16	1	6	4	2	4	8
Notes	3	2	6	6	8	2	6		3	8		9			7	6	4	1	3		(4)	10
Evidence List	1	3	7	1	1	1		7	4				3	6		2	2	4		(3)		1
Photo Thumbnails/Contact Sheet	4				9				5	3		5	3				7		15		5	
Photo CD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
CD sealed as evidence											Yes	Yes	Yes			Yes						
Photo List	3	6	4	2	4			4				3	5	4					2		2	7
Hand-drawn Sketch			1	1		1	1	1	NA	1		1		1	2		NA			1		
CAD Diagram	1			NA					NA			2	1		2	1	NA	1	1		1	2

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CAD Diagram Data				NA					NA								NA					
Hand-drawn Sketch Data				NA					NA			1			1		NA			(1)		
CSOC Evidence Printout	11	3	None		14	5	5	7	6	4	None	6	10	1	8	8	6	4	7	4	9	1
CSOC Notecard Printout						5			2						3	18						
Property Form			(7)		2			(7)	4			4	4	(6)				2		3		
Miscellaneous Documents					1							2										
Lab Request						1						2						3				
Firearm Worksheet					1							1										
Body Injury Worksheet					1							1										
Small Notepages (steno size, etc)								8													(12)	
Timesheet									1													
Total Pages	28	17	25	18	49	24	19	34	29	21	15	46	37	19	35	54	23	26	33	13	24	32

NARRATIVE ANALYSIS - STANDARD REPORT ELEMENTS																							
Unique Identifier on each page	Yes	Some	Yes	Yes	Some	Some	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Most	Yes	Yes	Most	Some	Most	Yes	Yes	Some
Date Contacted/Notified	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes
Time Contacted/Notified	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes
Arrival Time	Yes	Yes	Yes	Yes	Yes	Notes	Yes	Yes	Yes	Yes	notes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Victim Name	Yes	Yes	Yes	Yes	Doe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Detective Name	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Briefing Mentioned	no	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	no	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

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Crime Scene Address	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DepartureTime	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
Camera Type Used	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No	Yes
Disposition of Evidence	No	Yes	Yes	Yes	Yes	No	No	Yes	Inf	Yes	Yes	Inf	Yes	Yes	Yes	No	inf	Yes	Yes	Yes	No	Yes
Pages Numbered	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Some	Yes	most	Yes	Yes	Yes	Some	Yes	Yes	Yes	Some
Reviews Present	Yes	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	No	No	Yes	No	Yes	No	No	Yes	No	No
Signature	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No
Page Initialing	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Some	Yes	No	No	Yes	Yes	No

PHOTOGRAPHY																						
Overall Photos (Approximate #)	1	60	9	32	76	20	23	26	40	26	25	28	9	22	42	43	26	21	39	26	37	33
Midrange Photos (Approximate #)	59	29	39	60	84	73	29	33	53	32	39	36	30	45	128	36	32	51	41	15	46	33
Closeup Photos (Approximate #)	53	236	24	40	62	35	33	24	66	29	36	61	32	19	82	60	29	36	54	33	32	88
Total Photos	113	325	72	132	242	128	85	83	159	87	100	125	71	86	251	139	215	108	134	74	115	154
All Items Documented	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

SKETCH/DIAGRAM																						
Unique Identifier	Yes	NA	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes	Yes
Compass Direction	Yes	NA	No	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	No	Yes	Yes	Yes	Yes
Labels/Key	Yes	NA	No	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes	Yes
Similar to Target	Yes	NA	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes	Yes

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Evidence Collection - Target Items																						
File cabinet with impression in blood	13	14	10	8	9	10	7, B	20, 23, 24	6, A, 20	14	6	8	D	16, 18, 19	13, 17, 17A	B	14	12	11, 11A	13	8	13
Letter on floor near table	5	12	9	7	7	5	8	5	10	13	5	7	10	5	9	4	7	7	10	9	5	12
Roll of duct tape near victim	9	8	6	13	13	9	9	6	11	11	7	6	8	8	5	8	8	6	9	8	9	8
Wine Bottle	6	4	2,21, 22	4	4	4	4	4	4	12	4	4	4	4	4	5	4	2	4	4	4	4
Trace evidence near victim's hand	7	6	5	11	17	7	10	13	14	5	14	10	16	11	14A	7	9	5	6	5	12A	6
Ball cap	1	1	11	2	2	1	2	1	1	1	1	2	1	2	1	2	1	15	1	2	1	1
Pipe with bloodstains	3	3	1,14	3	3	2	3	3	3	3	3	1	3, 3A, 3B	1	3	3	3	1	3	1	3	3
Revolver	2	2	12,1 6, 17	1	1	3	1	2, 26,2 7	2	2	2	3	2	3	2	1	2	14	2	3	2	2
Bloodstain pattern: floor near victim's leg	18	5	4	10	14A	12	11	7	13	9	12	13	17	14	14E	D	12	M	5	14	12F	5
Bloodstain patterns: floor near victim's head	17	7	13	12	16	11	Mtn	12		7	11	13	Mtn	13	14C	G	11	4	13	17	12B	7
Shoe Impression	8	9	7	14	12	8	C	15, 22	15	4	8	5	5	9?	6	A	15	10	8, 8A	7	10	9
Notepad on table	4	13	23	6	6	13	6	19	7				12	6	11	10	6	8		10	7	
Pieces of pipe	10,1 6,20	10,1 1	8,15, 18	15	11	Proc	D	16, 17	17	Mtn	10	Mtn		10	8	13	13	11	Mtn	6	11	10
Wastebasket and contents	11	15	Proc	5	5	6	5	28	5	Mtn	Mtn		13	7	10	11	5	9A- 9C		11	6	Mtn

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<b>Evidence Collection - Non-Target Items</b>																						
Reddish brown stains on metal cage	12						12		16		9	15, 16,	7A-7D	20	7	C	16	13	7		14	11
Bloodstain on victim's chest		ME	25		15B		F	10	22	10		11	C3		14G	F			12, A5	16	12D	
Duct tape on victim's mouth		ME	24		15C			11	21	8			C2		14B	6	10		A-4	15	12C	
File folders: 'inside file cabinet drawer	14			9	8			25	9		15		11	17	12	9			14	12		
Bloodstain on Pants	19		3		15A		E	21	23		13	12	C4			E					18	12E
CD/DVD of photos		16			18	18			27	15		18	18				23		16, A10			
Chair	P							18	8				14	15	15-NC							13
Bulletin Board	15						13	14	18					21	19-NC							
Table/Desk	P								19				B		16-NC							14
Wood planks					14				12				9		18-NC	12						
Clothing								24, 25, 26		6					14D, 14H, 14I		17, 18, 19		A-6, A-7, A-8			
Hinge or Tape Lifts from body			19, 20					8,9			16				14F, 14J							
Body							A					9						3			12	
Soil Sample				14								0			2 (NC)							
Evidence from Body														12								7

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<b>Evidence Collection - Non-Target Items, cont.</b>																						
Swabs														22,2 3,24								
Other					10																	
Items processed for Latent Prints						14- 17																
Blood Drips													17									
Ramp															20- NC							
Fingernail scrapings																	20					
Oral Swab Kit																	21					
Blood Std from Victim																				A-3		
Head Hair Std																	22					
Rape Kit																				A-1		
Major Case Prints																				A-9		
Bags																				A-2		

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<b>Personal Protective Equipment</b>																						
PPE - face	FR	DM			VM		DM		FR		VM		DM			DM	DM	DM	DM			
PPE - eyes	SG		SG		SG								SG			SG			SG			
PPE - body	TS	TS		JS	TS	JS	TS					TS	TS			TS	TS	TS			TS	
PPE - feet	PB	PB	PB	PB	HB, PB	PB	PB	PB			HB, PB	PB	PB	PB	PB	TBC	PB	PB	PB	PB	PB	
PPE - hands	LG	LG	LG	NG	NG	LG	NG	LG	LG	NG	NG	LG	LG	LG	LG	LG, NG	LG	NG	LG	LG	LG	

<b>Other Items Needed</b>																						
Other Personnel - Internal	BPA			BPA	BPA, SUP, REC			SUP								BPA, LPE, REC, SUP		BPA, FA, REC			BPA, LPE, SUP	
Other Personnel - External	ME, K9			ME	ME	ME			ME	ME				ME		ME		ME		ME	ME, K9	ME
Other Equipment	TOS, GPS				TOS, MD, LTS, LAD, GPS			MD								TOS, GPS, LAD	TOS, LAD	LAD				LTS