

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 101

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.3(a)	The V-VPAT shall consist of the following minimum components: The voting device shall contain a paper audit trail writer or printer that shall be attached, built into, or used in conjunction with the DRE. The printer shall duplicate a voter's selections from the DRE onto a paper record.	DF1-P3-101
		Test Date
		6-19-07
		Test End Date/Time
		6-25-07 14:11
		Test Type (D,F,B)
		Functional
		Eq Type
		DRE
		Equipment Model
		AccuVote TSX
		Serial number
		02673806rd
		Manufacturer
		Diebold
Cross Reference 1		
2005 VVSG 7.9		
Cross Reference 2		
Cross Reference 3		

(MD)
297695

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the the selections made on the DRE match the paper record produced by the V-VPAT.

Prerequisites:

Refer to Test DB1-P3-101

Test Procedures:

Vote 3 Ballots from Test Deck
DIE 1 COZP, Verify that Votes
Recorded on DRE Match
What is Printed on VVPAT.
Verify VVPAT is attached
and/or built into DRE

Variances Used During Testing:

There were Undervoted,
and a Partially Voted
ballot, and a completely
undervoted ballot.

Test Expected Outcome

V-VPAT mirrors the voters selections from a DRE onto a paper record.

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarting, stop and restoring the system as necessary.

[illegible]

Additional Observations and Findings

Observations: (Model C unit)

1st ballot - all undersides, received cast blank ballot selection button VVPAT showed no votes as was seen on DRE. ~~Displayed 20, 21~~

Deck #

DIE 1CO2P, used for this test.

2nd ballot, overvotes and some under. Unable to vote over, Again VVPAT shows no votes cast and a final cast blank ballot button.

3rd ballot combo of undersides ^{overvotes} and actual votes, review page shows accurate count as does VVPAT.

Findings:

DB1 P3 - 101, test number that this test was conducted in conjunction with, all material will be found under this test number.

VVPAT accurately recorded votes by testers.

- VVPAT was attached to docking station associated with the DRE, appears as one unit. Plugged in to DRE through docking station.

6-25-07 Model D unit meets all test expectations GCM

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews

Printed name

Michael L. Chadwell

Printed name

John GARONER

Printed name

Genevieve Mathews

Signature

6-19-07

Date

Michael L. Chadwell

Signature

7-30-07

Date

John Garoner

Signature

8/1/07

Date

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Department of State
1700 Broadway
Suite 250
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Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 102

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.3(b)	The V-VPAT shall consist of the following minimum components: The unit or device shall have a paper record display unit or area that shall allow a voter to view his or her paper record.	DF1-P3-102
		Test Date
		6-19-07
		Test End Date/Time
		6-25-07 14:10
Cross Reference 1		Test Type (D,F,B)
2005 VVSG 7.9		Functional
		Eq Type
		DRE
Cross Reference 2		Equipment Model
		AccuVote TSX
		Serial number
Cross Reference 3		02673800
		Manufacturer
		Diebold

(D)
297695

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the V-VPAT component contains a display area for that shows a voter his or her paper record.

Prerequisites:

Refer to test DB1-P3-101
DB1-P3-101

Test Procedures:

Refer to test DF1-P3-101,
Verified that VVPAT does
indeed Print Voter's choices.
Verify a VVPAT does exist in
conjunction with the DRE and
the two work together.

Variances Used During Testing:

Refer DF1-P3-101

Test Expected Outcome

V-VPAT is expected to have a display area for the voter to verify his/her choices before casting the final ballot.

[illegible]

Additional Observations and Findings

Observations: (Model ~~DC~~)

DRE does indeed have a vrpac, this does include a magnifying glass / plastic; however it is damaged. Must make sure magnifying glass is not damaged in field.

VPRAT ~~is~~ glass / plastic viewing area is not large can only view up to 5 contests / races at one time depending on "vote for" ~~count~~ count.

Findings:

Unit does have a paper record display unit / area for voter to view his/her paper record. Contains a privacy flap also along with magnifying glass / plastic flap. for those who may be farsighted.

6-25-07 Model D unit meets test expected outcome.

1st Review

2nd Review

Supervisor Approval

Geneice Mathews
Printed name

Michael L. Chadwell
Printed name

John Gardner
Printed name


Signature

6-19-07
Date


Signature

7-30-07
Date

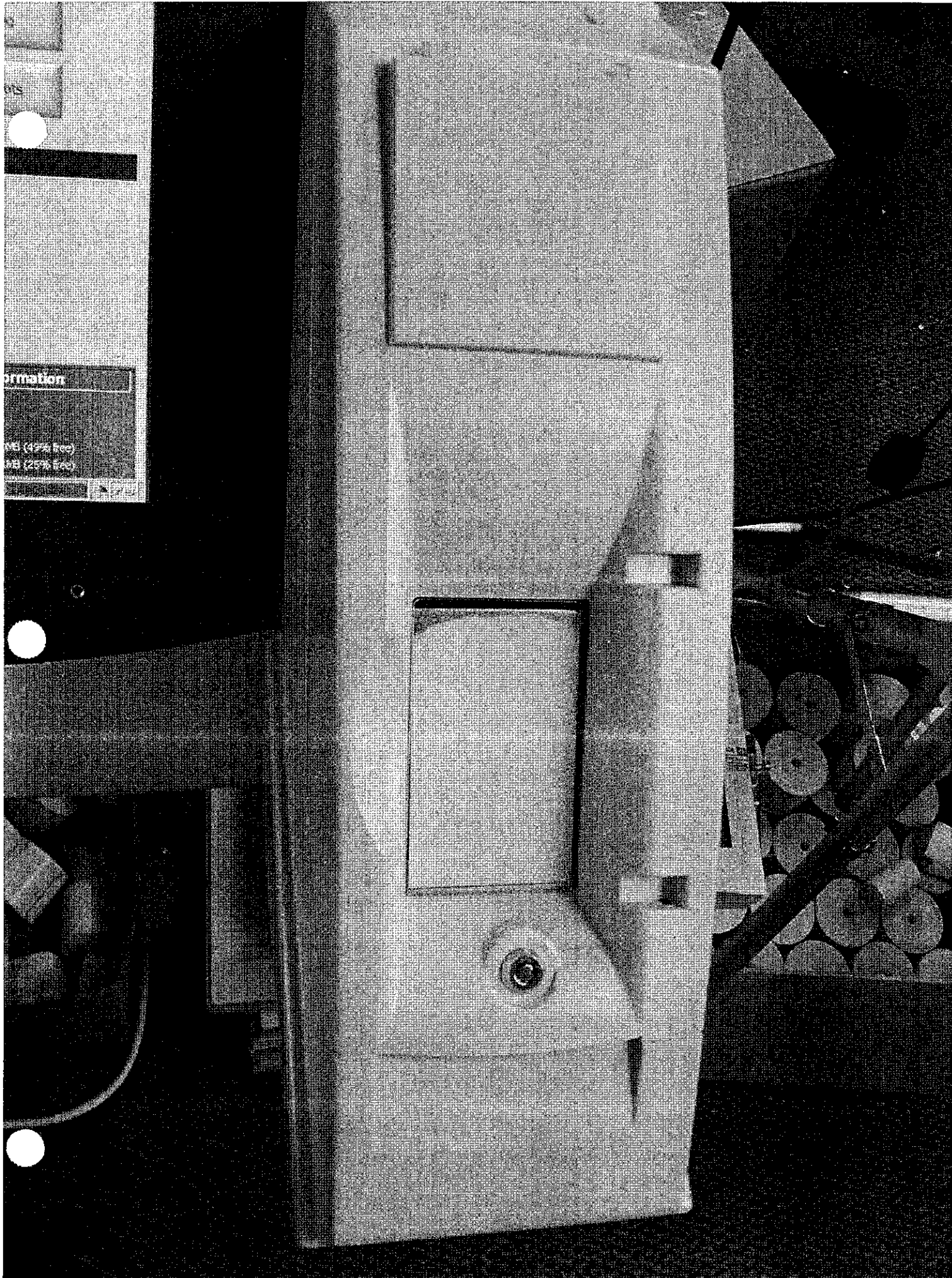

Signature

8/1/07
Date

7-31-07

DF1-P3-10Z

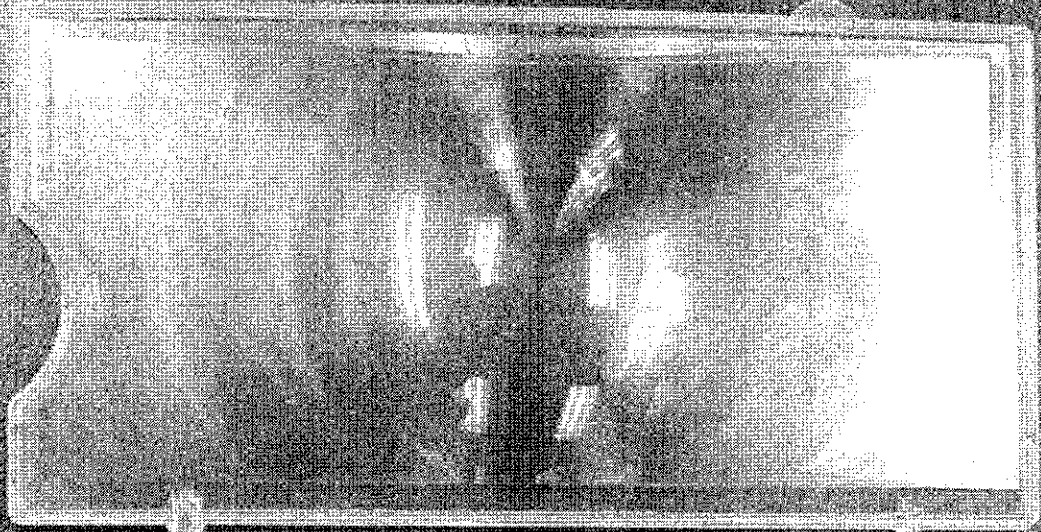
Picture #1

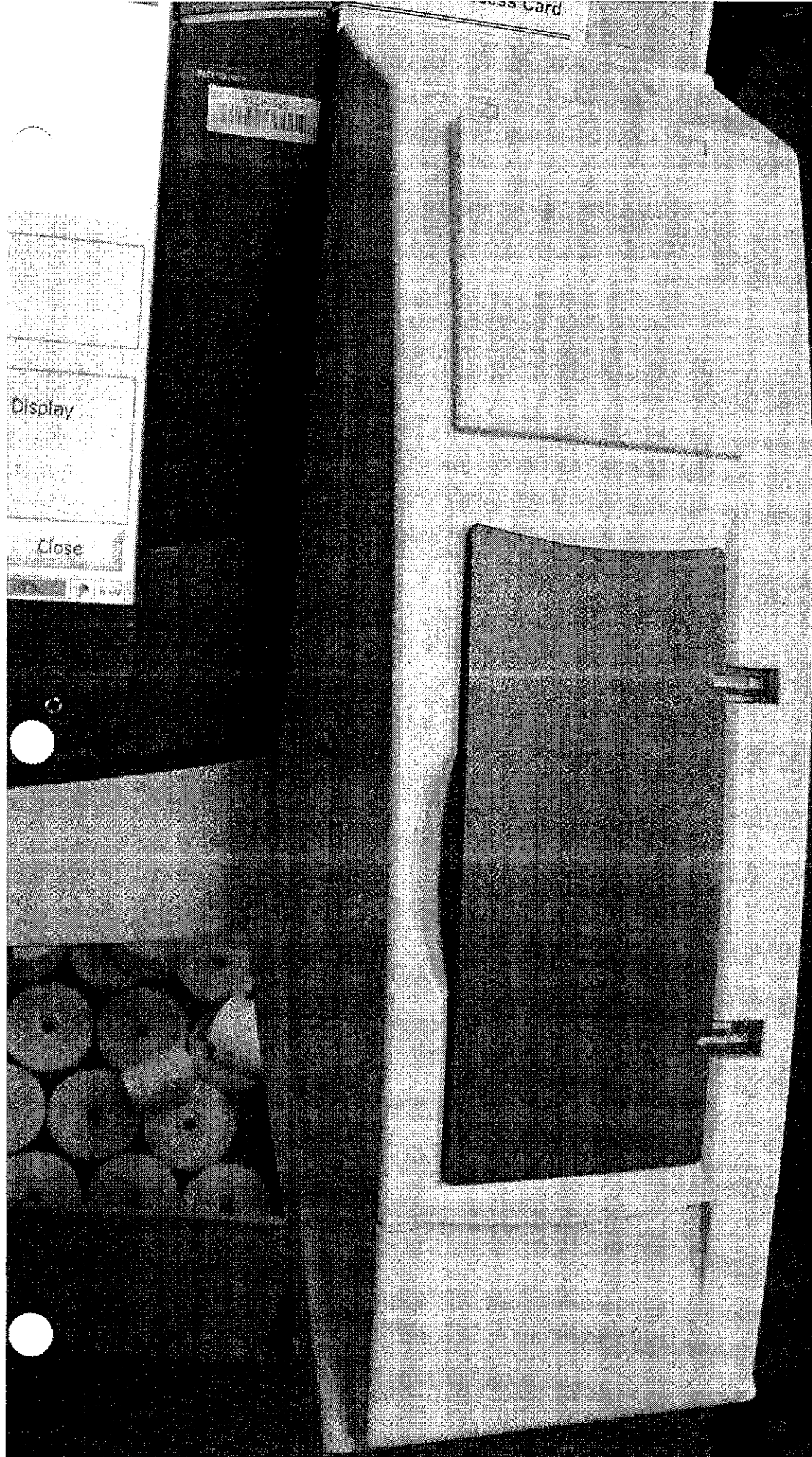


7-31-07

DFI-P3-102

Picture #2





7-31-07

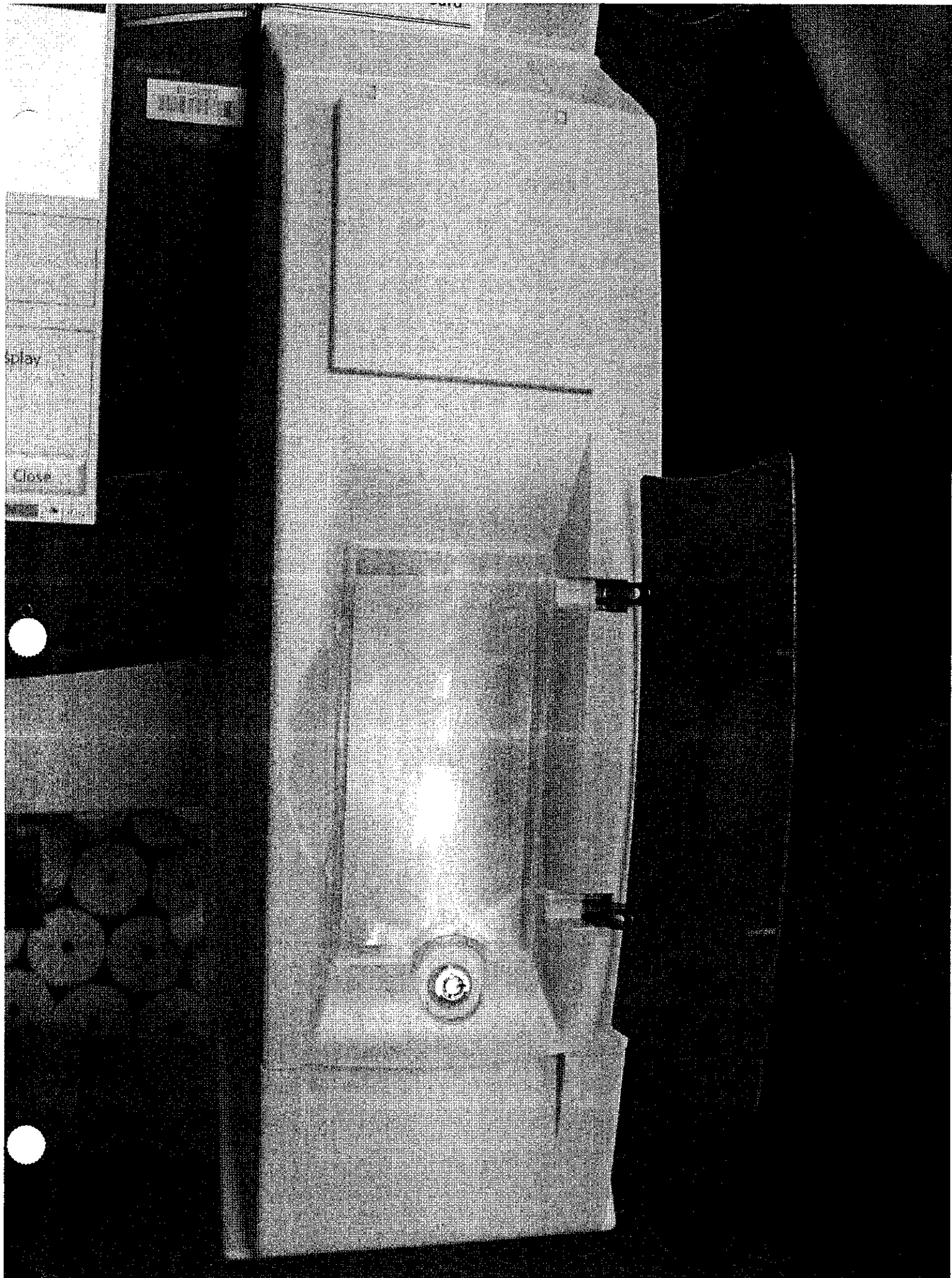
DF1-P3-102

Picture #3

7-31-07

DF1-P3-102

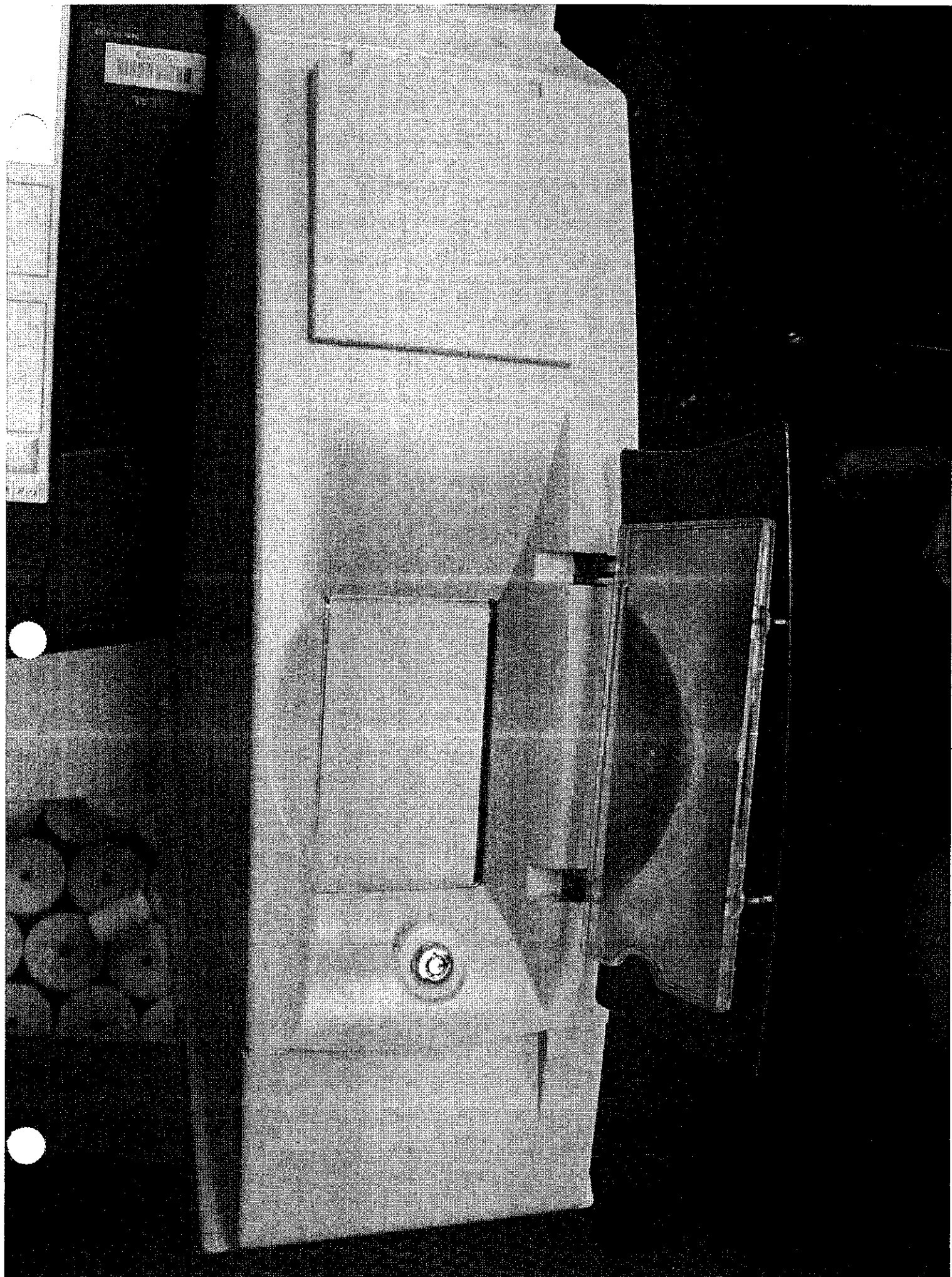
Picture # 4



7-31-07

DFI-P3-102

Picture # 5



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Department of State
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Mike Coffman
Secretary of State

Holly Lowder
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Application Date: *04/02/2007*

Test Number

DF1-P3 - 103

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.3(c)	The V-VPAT shall consist of the following minimum components: The V-VPAT unit shall contain a paper record storage unit that shall store cast and spoiled paper record copies securely.	DF1-P3-103
Cross Reference 1		Test Date
2005 VVSG 7.9		6-20-07
Cross Reference 2		Test End Date/Time
		6-25-07 14:15
Cross Reference 3		Test Type (D,F,B)
		Functional
		Eq Type
		DRE
		Equipment Model
		AccuVote TSX
		Serial number
		267380(L)
		Manufacturer
		Diebold
Test Procedure Specification		
Purpose:	Prerequisites:	
The purpose of this test is to verify that the V-VPAT component safely and securely stores cast and spoiled paper records.	Refer to DB1-P3-101 AND DB1-P3-10B	
Test Procedures:	Variances Used During Testing:	
Refer to test DB1-P3-101 Verified the below tested outcome	Refer to DB1-P3-101	
Test Expected Outcome		
V-VPAT is expected to safely store cast and spoiled paper records securely.		

Environment		2007-CDOS-DIE-001-0402		Test Number
Voting				DF1-P3 - 103
Test Log				
Date	Time	Operator	Activities and Entries	Incident Reports
6-20-07	10:26	@Indra	Spoiled one ballot, put incorrect selection, printed incorrect selection on VVPAT, the went back to DRE changed selection to what wanted and cast ballot.	
6-28-07	14:15	Geneice	Verify that Model Dunit meets test expected outcome	
7-30-07	13:06	Kirk	Picture # 1 Shows the V-VPAT Printer and Storage Canister. Picture # 2 is a close up of the Storage Canister. Both Pictures were taken during test # DB1-P3-108 using Deck # Die 1CA. The Machine being tested was DRE SN# 0297695	

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations: (Model C)

Had testers spoil one ballot, received a "rejected ballot" message on the VPAT. Tester was able to go back to DRE make a change and cast ballot. ~~Testers~~ Testers also cast ballots that were stored and appeared secure in the VPAT unit. Once ballots cast, paper rolled up until blank paper seen for next voter.

Findings:

VPAT unit contained a paper storage unit that stored cast and spoiled ballots securely.

6-25-07 Model D unit meets test expected outcome ^{GCM}

1st Review

2nd Review

Supervisor Approval

Geneice Mathews

Printed name

Michael L. Chodwell

Printed name

John GARON

Printed name

Gene Mathews

Signature

6-20-07

Date

Michael L. Chodwell

Signature

7-30-07

Date

John Garon

Signature

8/1/07

Date

← SECURE TAG

SIGNATURES
CANISTER
VOTE CENTER
DATE
TIME

COMPATIBLE WITH
ARM CONFIGURED
TERMINALS ONLY

Picture # 1

DFI-PS-103

7-27-71

FO-T2-T

JURISDICTION

DATE

VOTE CENTER#

TERMINAL SERIAL#

CANISTER

SIGNATURES

SECURE TAG

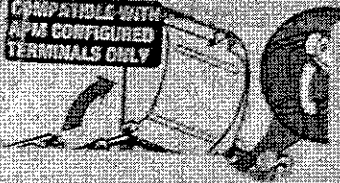


JURISDICTION _____
DATE _____
VOTE CENTER# _____ TERMINAL SERIAL# _____
CANISTER _____ OF _____
SIGNATURES _____

*Security
Container*

_____ SECURE TAG →

COMPATIBLE WITH
APIS CONFIGURED
TERMINALS ONLY



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Test Number

DF1-P3 - 104

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.3(d)	The V-VPAT shall consist of the following minimum components: These devices may be integrated as appropriate to their operation.	DF1-P3-104
		Test Date
		6-25-07
		Test End Date/Time
		8/1/07
Cross Reference 1		Test Type (D,E,B)
2005 VVSG 7.9		Functional
		Eq Type
		DRE
Cross Reference 2		Equipment Model
		AccuVote TSX
		Serial number
Cross Reference 3		Manufacturer
		Diebold

267380(MD) 297695(MD)

Test Procedure Specification

Purpose:

The purpose of this test is to confirm if the V-VPAT device is an integrated unit into the DRE system, or if it's an "added" component (photos are expected).

Prerequisites:

Refer to
DBI-P3-101

Test Procedures:

Verify tests DF1-P3-101,
DF1-P3-102, and DF1-P3-103
all pass. Reference these Tests

Variances Used During Testing:

Refer to DBI-P3-101

Test Expected Outcome

The V-VPAT device may be integrated into the DRE, or as an add-on component. Documentation shall specify the solutions' design.

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

VUPAT device may be integrated as appropriate to its operation, all other 45,5,2.9.3 a thru d pass. See PHOTOS - the VUPAT DEVICE IS AN ADD-ON to the DRE PLATFORM *Chad*

Findings:

The U-VPAT UNIT IS AN ADD-ON COMPONENT OF THE Voting System *Chad*

1st Review

2nd Review

Supervisor Approval

Gencice Mathews
Printed name

MICHAEL L. CHADWELL
Printed name

John Gardner
Printed name

Signature

Date

Signature

Date

Signature

Date

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Secretary of State

Holly Lowder
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<i>Test Number</i>
DF1-P3 - 105

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2007-CDOS-DIE-001-0402		Test Number
Rule or Statute 45.5.2.9.4	V-VPAT devices shall allow voters to verify his or her selections on a paper record prior to casting ballots. The voter shall either accept or reject the choices represented on the paper record. Both the electronic record and the paper record shall be stored and retained upon the completion of casting a ballot.	DF1-P3-105
		Test Date 6-20-07
		Test End Date/Time 6-25-07 11:16
		Test Type (D,F,B) Functional
		Eq Type DRE
		Equipment Model AccuVote TSX
		Serial number 0267380 (M)
		Manufacturer Diebold
Cross Reference 1 2005 VVSG 7.9.2		
Cross Reference 2		
Cross Reference 3		
Test Procedure Specification		
<div> <div> Purpose: The purpose of this test is to verify that the V-VPAT device allows voters to verify selections prior to casting ballot as required herein. </div> <div> Prerequisites: Refer to Test DB1-P3-101 DF1-P3-103 for PREDS. </div> </div>		
<div> <div> Test Procedures: Refer to tests DB1-P3-101 and DF1-P3-103. Verify that voter is able to accept or reject choices on the paper record, also ensure that those choices are stored securely. </div> <div> Variances Used During Testing: Refer to tests DB1-P3-101 and DF1-P3-103. </div> </div>		
Test Expected Outcome		
V-VPAT is expected to allow voters to verify selections prior to casting ballots.		

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

(Model C)

VIPAT allows voter to verify votes on Jupet prior to casting ballot, if the voter decides to change a vote they are able to go back to DRE and make appropriate changes. Once changes are made they are able to print and verify on VIPAT and cast ballot. Ballot stored securely.

Findings:

See above notes. VIPAT stores votes accurately and allows voter to verify their choices.

6-25-07 Verify Model D unit meets ^{test} expected outcome.

1st Review
2nd Review
Supervisor Approval

Geneice Mathews

Printed name

Michael L. Cartwright

Printed name

John GORDON

Printed name



Signature

6-20-07

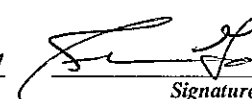
Date



Signature

8-03-07

Date



Signature

8/9/07

Date

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

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Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 106

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.5	The V-VPAT printer connection may be any standard, publicly documented printer port (or the equivalent) using a standard communication protocol.	DF1-P3-106
		Test Date
		6-28-07
		Test End Date/Time
		6-28-07 11:30
Cross Reference 1		Test Type (D,F,B)
2005 VVSG 7.9.4a		Functional
		Eq Type
		DRE
Cross Reference 2		Equipment Model
	AccuVote TSX	
	Serial number	
Cross Reference 3		297645
	Manufacturer	
		Diebold

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the V-VPAT printer connection matches documentation of a publicly documented printer type port using a standard communication protocol.

Prerequisites:

Diebold Documentation
Schematics

Test Procedures:

Go Through Printer Schematics/
and/or documentation to find
how Printer Connection is Connected

Variances Used During Testing:

Test Expected Outcome

V-VPAT printer connection shall be identified to match documentation. Connection shall be standard, publicly documented printer type port.

[illegible]

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarting, stop and restoring the system as necessary.

[illegible]

Additional Observations and Findings

Observations:

The tablet connects ^{to} the stand (activating the printer) through a 22 pin M/F connector. Specifications & Pin-outs provided in documentation.

Findings:

Reviewed multiple schematic documents, see attached.
The attached schematic meets test requirement.

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews
Printed name

Michael L. Chadwell
Printed name

bn Gardner
Printed name

Gene Mathews
Signature

6-28-07
Date

Michael L. Chadwell
Signature

8-03-07
Date

[Signature]
Signature

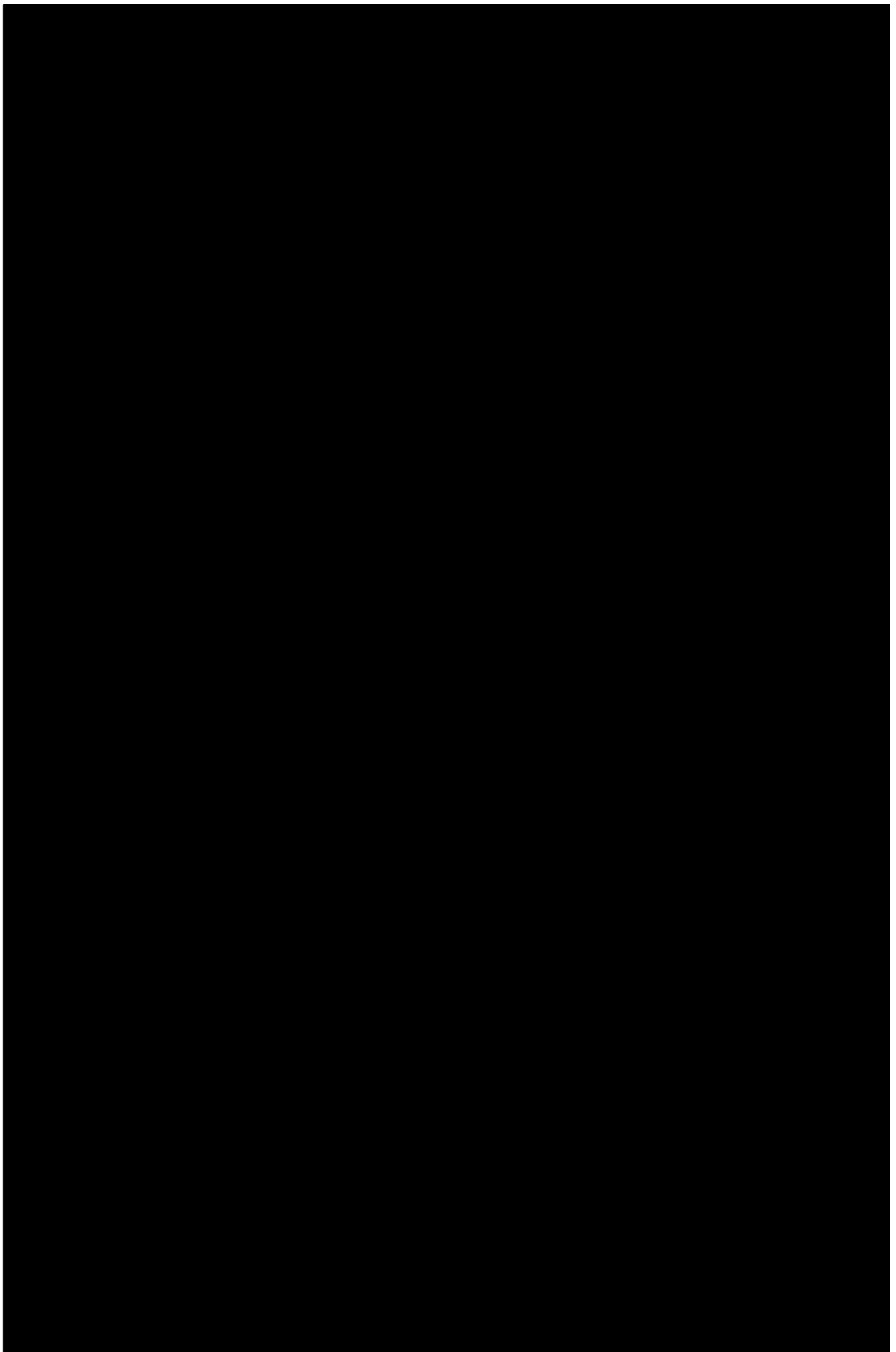
8/9/07
Date

DF1 P3 106

DF1 P3 106 7-27-07

(2)





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Secretary of State

Holly Lowder
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Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 107

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2007-CDOS-DIE-001-0402		Test Number	
Rule or Statute 45.5.2.9.6	The printer shall not be permitted to communicate with any other device than the voting device to which it is connected.	DF1-P3-107	
		Test Date 6-25-07	
		Test End Date/Time 	
Cross Reference 1 2005 VVSG 7.9.4e		Test Type (D,F,B) Functional	
		Eq Type DRE	
Cross Reference 2 		Equipment Model AccuVote TSX	
		Serial number 267300(MD) 2976 95(MD)	
Cross Reference 3 		Manufacturer Diebold	
Test Procedure Specification			
<div> <div> Purpose: The purpose of this test is to confirm that the V-VPAT device does not have any extraneous connections other than what the documented single connection to the voting booth (photos are expected). </div> <div> Prerequisites: Refer to DBI-P3-101 </div> </div>			
<div> <div> Test Procedures: Verify VVPAT Does Not establish any extraneous connections </div> <div> Variances Used During Testing: Refer to DBI-P3-101 </div> </div>			
Test Expected Outcome The V-VPAT does not establish any extraneous connections.			

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.




[illegible]

[illegible]

Attachments		
Documents (list all documents) No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Videos (list all videos) No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Photos (list all photos) No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>
See attached document	Reference DBI-P3-LO1	See photos from DA-P3-102 11-11-103

Acceptable Compensating Controls

Results Summary		Final Test Status
Test meets expected outcome.		P

1st Review		2nd Review		Supervisor Approval	
Geneice Mathews		T Bishop		Mr Gardner	
Printed name		Printed name		Printed name	
	6-28-07		8-14-07		8/14/07
Signature	Date	Signature	Date	Signature	Date

Additional Observations and Findings

Observations:

Findings:

VVPAT does not establish any extraneous connections. Reviewed Schematics documentation, see attached document. ~~photo~~. This ~~photo~~ document shows how printer is attached and used solely with TSX docking station in conjunction with the DRE only. Testing shows printer does not work with other Diebold products only their DRE.

1st Review

2nd Review

Supervisor Approval

Genevieve Matthews
Printed name

T Bishop
Printed name

John Gardner
Printed name

Genevieve Matthews
Signature

6-28-07
Date

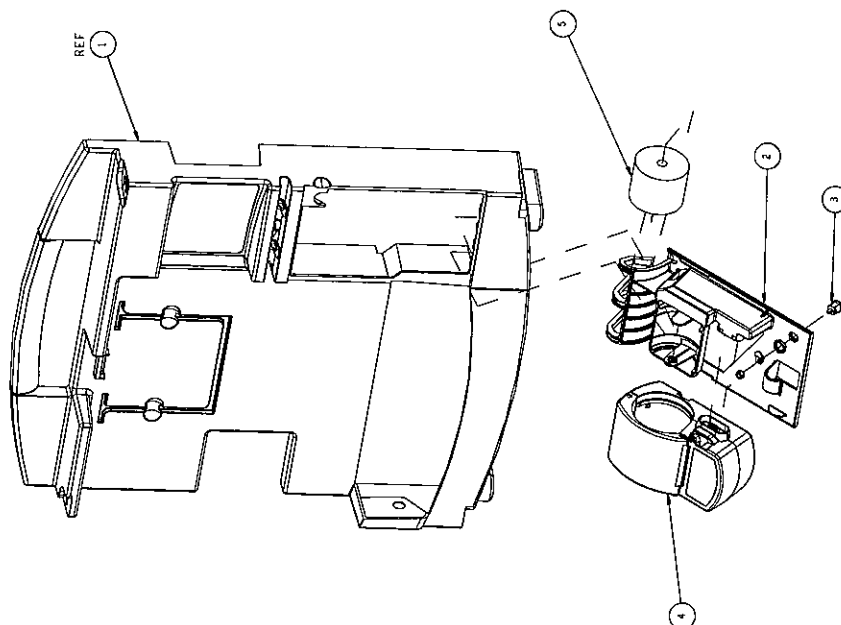
T Bishop
Signature

8-14-07
Date

John Gardner
Signature

8/14/07
Date

BALLOON REFERENCE TABLE		
MODEL NAME 00-143301-000A		
QTY	C	DESCRIPTION
1	1	49-2041304-000A BASE,FRONT
1	2	49-265463-000A WLDPT,DOOR,FRNTR,AVTIX
1	3	25-014547-000A LOCK,TOLE,KY,07 PIN,C4,WCM
PSO	4	00-183386-000A FRNTR,TRHM,85,08V,M 850,0,AVTIX
1	5	GS-625121-0000 PAPER ROLL,THERMAL, 2 IN



June 28, 2007
DFI-PS-107
Document 1

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Holly Lowder
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Application Date: *04/02/2007*

Test Number

DF1-P3 - 108

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.7	The printer shall only be able to function as a printer, and not perform any other non-printer related services.	DF1-P3-108
		Test Date
		10-28-07
		Test End Date/Time
		9/10/07 6:00 pm
Cross Reference 1		Test Type (D, F, B)
2005 VVSG 7.9.4f		Functional
		Eq. Type
		DRE
Cross Reference 2		Equipment Model
		AccuVote TSX
		Serial number
		27695
Cross Reference 3		Manufacturer
		Diebold

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the V-VPAT printer does not perform other functions aside from printing.

Prerequisites:

Reference DB1-P3-101

Test Procedures:

Check VVPAT cannot perform any other function other than printing. It cannot function as a scanner, copier, etc.

Variances Used During Testing:

DB1-P3-101

Test Expected Outcome

The V-VPAT printer does not perform any other functions aside from printing.

[illegible]

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

Continue to next
page...

[illegible]

<p>Documents No <input type="checkbox"/> Yes <input checked="" type="checkbox"/></p> <p>(list all documents)</p> <p>Refer to DBI-P3-101</p>	<p>Videos No <input type="checkbox"/> Yes <input checked="" type="checkbox"/></p> <p>(list all videos)</p> <p>Reference DBI-P3-101</p>	<p>Photos No <input type="checkbox"/> Yes <input type="checkbox"/></p> <p>(list all photos)</p>
---	--	---

Test meets test expected outcome

F

Additional Observations and Findings

Observations:

VIPAT has not functioned in any other capacity other than printing.

Findings:

VIPAT printer does not perform any other functions aside from printing.

See log notes on 7.30.07-lhas

1st Review

Genevieve Mathews
Printed name

2nd Review

Michael L. Chandler
Printed name

Supervisor Approval

John Gardner
Printed name

Gene Mathews
Signature

6-28-07
Date

Michael L. Chandler
Signature

7.30.07
Date

John Gardner
Signature

8/1/07
Date

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Secretary of State

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Test Number

DF1-P3 - 109

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.8	Every electronic voting record shall have a corresponding paper record.	DF1-P3-109
		Test Date
		6-25-07
		Test End Date/Time
		6-27-07 9:26
Cross Reference 1		Test Type (D,F,B)
2005 VWSG 7.8.1		Functional
		Eq. Type
		DRE
Cross Reference 2		Equipment Model
	AccuVote TSX	
	Serial number	
Cross Reference 3	267380(MC)	297673(MD)
		Manufacturer
		Diebold

Test Procedure Specification

<p><u>Purpose:</u></p> <p>The purpose of this test is to verify that each electronic record matches to a V-VPAT printed record.</p>	<p><u>Prerequisites:</u></p> <p>Load an Election on DRE Create Voter Cards.</p>
<p><u>Test Procedures:</u></p> <p>Vote 5 ballots and Verify there is a paper record With each, Print Image Report or a Viewed ballots Report to see images.</p>	<p><u>Variances Used During Testing:</u></p> <p>Vote 1st Ballot in 1st Position, Second ballot in Second Position etc. Repeat your 5th Vote twice,</p>

Test Expected Outcome
Each electronic record is mirrored in a printed paper record.

Environment		2007-CDOS-DIE-001-0402		Test Number
Voting				DF1-P3 - 109
Test Log				
Date	Time	Operator	Activities and Entries	Incident Reports
6-25-07	16:20	Geneice	Created voter activation cards Voted 1st card in 1st and all candidates in 1st position Voted 2nd card/ballot and voted for candidate in the 2nd position Voted 3rd card/ballot and voted for candidate in the 1st position in Spanish Voted 4th card/ballot and only voted for Bugs Bunny. Voted 5th card/ballot and rejected two ballots and the 3rd ballot I voted for candidates in the 1st position. Printed "View Voted Ballots" accessed this report by using an Administrator card to close polls first then printed a summary report. At this point we are able to access the View Voted Ballots Report. See photo attached Here In this report an administrator is able to view images (randomized) of votes cast on real DRE. Printed all images then verified images with actual ballots cast by reviewing VRPAT record. On VRPAT record we labeled each ballot cast as 'ballot 1' 'ballot 2' etc. and associated the 'ballot 1' with the correct image. Images were randomized.	
6-26-07	16:30	Geneice	Programmed Cards for election Inserted a card that was programmed for Republican all in 1st position Bugs, Hoover, DeYoung	
	16:40		Noticed election not set for VRPAT need to redo. Loaded new machine Model D with Election Voting 1st Ballot Dem 1st position, Roosevelt + Salazar	

Environment		2007-CDOS-DIE-001-0402		Test Number
Voting				DF1-P3 - 109
Test Log				
The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarting, stop and restoring the system as necessary.				
Date	Time	Operator	Activities and Entries	Incident Reports
			2nd Card	
			Rep / Bys, Hoover, Dayhorse	
			3rd Card	
			1st Vole all black	
			reject	
			2nd Vole	
			Bys	
			reject	
			3rd Vole	
			Bys, Hoover, Dayhorse	
			Will continue process in morning	
6-24-07	8:46		Due to a new day this process will begin again. Loaded a election on Model C. serial # 267380	
			Activated 3 voter cards	
			1. Bys Franklin, Dayhorse, Kruse, Hodge, Helley, yes for all props	
			2. Second position, on Bys in first Hoover, Selzer, Earl, Lynn, Joe, No for props	
			3. Rejected 1st ballot + rest second	
			3 vole - black ballot receive a note that you are about to cast a black ballot. Rejected vole.	
			rest second for Bys only	
			Rejected	
			Receiving white / yellow warning that I have rejected my ballot the max number of times and putting it again will cast my vote.	
			Changing vote to all 1st position, rest votes	
			Used Supervisor Card to close pulls printed summary report.	
			Checked Viewed Ballot report.	
			Showed us 3 voters rest and their images.	

Continue to next page...

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

Were able to verify that each record had an associated / corresponding paper record. This can only occur with the Administrator card ~~key~~ which allows a poll worker / judge to close polls. Once polls are closed, DIE asks whether or not a summary report should ^{be} printed. Printed summary then accessed the "View Voted Ballots" report.

This report shows images of actual vote records. These records appeared randomized, which was

Findings: confirmed once we viewed the printed image / "View voted Ballots" report. Every vote was accounted for on the VVRAT record.

This test met all test expectations, each electronic record is mirrored in a printed paper record.

6-27-07 completed same test on Model C, passed Test expected outcome.

1st Review

2nd Review

Supervisor Approval

Geneice Mathews
Printed name

Michael L. Caldwell
Printed name

John Garover
Printed name

Gene Mathews
Signature

6-25-07
Date

Michael L. Caldwell
Signature

8-03-07
Date

John Garover
Signature

8/9/07
Date

VIEW VOTED BALLOTS

Colorado Certification
Coordinated Election
November 7, 2006

EarlyNorth Branch Office

Machine 2

Machine	Ballot	Count	Count
255412	7	1320130001	1320130001
560556	7	2162530001	2162530001-1
664511	3	2162530001	2162530001-2
248058	6	2192930001	2192930001

Colorado Certification
Coordinated Election
November 7, 2006

STATE SENATE DISTRICT 13
[X] Eugene Denny Rep

STATE REPRESENTATIVE DISTRICT
[] No Vote Cast

COUNTY COMMISSIONER DISTRICT
[] No Vote Cast

COUNTY CLERK DISTRICT
[] No Vote Cast

COUNTY CLERK DISTRICT
[] No Vote Cast

COUNTY CLERK DISTRICT
[] No Vote Cast

COUNTY CLERK DISTRICT
[] No Vote Cast

COUNTY CLERK DISTRICT
[] No Vote Cast

COUNTY CLERK DISTRICT
[] No Vote Cast

AST DEF-P3-107

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 110

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[illegible]

Created by the Colorado Secretary of State's Office

Created by the Colorado Secretary of State's Office

Additional Observations and Findings

Observations:

The DRE provides adequate on-screen instructions to voters informing them of the methods necessary to review, accept or reject a ballot as required.

Findings:

VPAT allows for review of vote cast in both an audio, audio/visual and visual only situation and provides adequate privacy.

1st Review

Geneice Mathews

Printed name

2nd Review

Michael L. Chadwell

Printed name

Supervisor Approval

John Gardner

Printed name

Geneice Mathews

Signature

7-9-07

Date

Michael L. Chadwell

Signature

8-09-07

Date

John Gardner

Signature

8/9/07

Date

☐ YES

☐ NO

County Question 1d

to grant a franchise to Holy Cross Energy for a period of twenty (20) years for the provision of energy upon the terms and conditions set forth in Ordinance No. 10032.

☐ YES

☐ NO

Back

Instructions

Page
4 of 8

Next

7-27-2007

DF1 83 110

(1)

you may reject your ballot a maximum of 10 times.
You will no longer be allowed to make changes and bring your
your vote. Contact a poll worker if you are experiencing difficulty
process.

STATE REPRESENTATIVE
DISTRICT 25

Barney Gurney Adams

STATE REPRESENTATIVE
DISTRICT 25

Franklin Boos

COUNTY COMMISSIONER
DISTRICT 9
SHERIFF 9

Gary Bauer

Commissioner

John McCain

State Commissioner

County Question 1a

YES NO
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
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I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.

County Question 1b

YES NO
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
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I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.
I support the proposed changes to the county charter regarding the creation of a new district for the sheriff's office.

Reject Ballot

Print Next Page

7-27-2007
DF1 P3 110
(2)

STATE SENATE DISTRICT 23 VOTE

[] No Vote Cast

STATE REPRESENTATIVE DISTRICT 11

[] No Vote Cast

COUNTY COMMISSIONER DISTRICT 1

[] No Vote Cast

SCHOOL DISTRICT R-1 4 Year Term

[] No Vote Cast

[] No Vote Cast

[] No Vote Cast

County Question 1a

[X] NO (NPS)

County Question 1b

[X] YES (NPS)

County Question 1c

[X] YES (NPS)

7-27-2007 DT1 P3 110 (3)

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 111

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.11	The V-VPAT system shall be designed in conjunction with State Law to ensure the secrecy of votes so that it is not possible to determine which voter cast which paper record.	DF1-P3-111
		Test Date
		6-19-07
		Test End Date/Time
		7-9-07
Cross Reference 1		Test Type (D,F,B)
2005 VVSG 7.9.5b		Functional
		Eq Type
		DRE
Cross Reference 2		Equipment Model
		AccuVote TSX
		Serial number
		297645
Cross Reference 3		Manufacturer
		Diebold
Test Procedure Specification		
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><u>Purpose:</u></p> <p>The purpose of this test is to verify that the V-VPAT records ensure secrecy so that it is not possible to determine which voter cast which paper record.</p> </div> <div style="width: 48%;"> <p><u>Prerequisites:</u></p> <p>Reference Test # DB1-P3-101 and # DG1-P3-101</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 48%;"> <p><u>Test Procedures:</u></p> <p>Vote a Visual Ballot, an audio Ballot, and an audio/Visual Ballot, and ensure that there is no way to see how a voter voted on the VVPAT.</p> </div> <div style="width: 48%;"> <p><u>Variances Used During Testing:</u></p> <p>Reference test #'s DB1-P3-101 & DG1-P3-101</p> </div> </div>		
Test Expected Outcome		
V-VPAT records are designed in such a way to protect voter secrecy.		

[illegible]

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarting, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

~~See notes~~ - test log.

Findings:

VVPAT records are designed in a way as to protect voter secrecy. There are no identifying numbers on a VVPAT record that might allow a person to identify a voter. The record also continuously rolls back into a locked and secure device.

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews
Printed name

T. Bishop
Printed name

John Gardner
Printed name

Genevieve Mathews
Signature Date 7-3-07

T. Bishop
Signature Date 8-14-07

John Gardner
Signature Date 8/14/07

4-27-07 DF1-P3-1A1

(1)

7-27-07 DF1-P3-111 (2)

7-27-2004 DF1-P3-111 (3)

Colorado Certification Coordi...
7192730019
7192730019-2
5

STATE SENATE DISTRICT 23 VOTE...
[X] Andrew Jackson <Dem>

STATE REPRESENTATIVE DISTRICT...
[] No Vote Cast

COUNTY COMMISSIONER DISTRICT ...
[X] Andy McElhany <Rep>

SCHOOL DISTRICT R-1 4 Year Te...
[X] Noreve Fraser <NP>
[X] Earl F. Dodge <NP>
[X] Lynn Hefley <NP>

County Question 1a
[X] YES <NP>

County Question 1b
[] No Vote Cast

County Question 1c
[X] YES <NP>

County Question 1d

06/07/07

DF1-P3-11

Picture # 1

☒ YES <NP>

County Question 1b
☐ No Vote Cast

County Question 1c
☒ YES <NP>

County Question 1d
☒ YES <NP>

City of Golden Question 2a
☒ NO <NP>

City of Golden Question 2b
☒ YES <NP>

City of Golden Question 2c
☒ YES <NP>

City of Golden Question 2d
☒ NO <NP>

School Dist R-1 Question 3a
☒ NO <NP>

School Dist R-1 Question 3b
☒ NO <NP>

School Dist R-1 Question 3c
☒ NO <NP>

08/07/07

DT-193-111

Picture # 2

08/07/07

DFI-P3-11

Witness 2

#

SECURE TAG 

City of Golden Question 2c
[X] YES ☐ NO ☐ CMP

City of Golden Question 2d
[X] YES ☐ NO ☐ CMP

School Dist R-1 Question 3a
[X] YES ☐ NO ☐ CMP

School Dist R-1 Question 3b
[X] YES ☐ NO ☐ CMP

School Dist R-1 Question 3c
[X] YES ☐ NO ☐ CMP

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 112

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Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

(Model C)

Observed font size compared to VVPAT font. Font appears to be at least 10 font after measuring a print out from a Word doc with multiple 10 point font descriptions. See photo.

Cover of VVPAT appears to be plastic, is transparent and can be cleaned if fingers leave smudge.

SEE LOG NOTES OF 7.30.07 Rhod

Findings:

Passes as it has at least a 10 point font, also uses a transparent plastic piece to cover VVPAT record. Does not allow voter to physically touch paper, but is transparent and enables them to view record.

6-25-06 ~~Per~~ Model D unit meets test expected outcome. GCM

SEE LOG NOTES OF 7.30.07 - Rhod

1st Review
2nd Review
Supervisor Approval

Geneice Mathews
Printed name

MICHAEL L. CHADWELL
Printed name

Bob GARDNER
Printed name

Gene Math
Signature

10-25-07
Date

Michael L. Chadwell
Signature

7.30.07
Date

[Signature]
Signature

8/1/07
Date

Test # DF1-P3-112

June 20, 2007 14145
Photo #1

10 Font Times New Roman

Colorado Certification Primar...
8222830010
8222830010-1

10 Font Arial Narrow

STATE SENATE DISTRICT 23 VOTE...
[X] John Quincy Adams <NP>

10 Font Arial

STATE REPRESENTATIVE DISTRICT...
[X] [Name] [Last]

STATE SENATE DISTRICT...

10 Font Arial



VVPAT



Sample

10 Font Times New Roman

10 Font Arial Narrow

10 Font Arial

10 Font Courier

10 Font Microsoft Sans Serif



Figure 7-7. User Caution symbol

7.4.2. User documentation



Following AccuVote-TSX installation, read the *AccuVote-TSX Hardware* as well as *Ballot Station User's Guide* carefully before operating. Follow all operating and other instructions carefully. Please be sure to operate the AccuVote-TSX unit only according to the usage instructions provided in the *AccuVote-TSX Hardware Guide* as well as the *Ballot Station User's Guide*.

7.4.3. Power sources



This product should be operated only from the type of power source indicated on the ID label provided on the unit. Installation should be in compliance with applicable sections of the National Electric Code.

7.4.4. Water and moisture



Do not place containers with liquids such as coffee, water, sodas, etc. on the AccuVote-TSX. Do not operate the equipment in a wet environment.

7.4.5. Cleaning



If it should become necessary to clean the AccuVote-TSX, disconnect the unit from its power source first. Do not use liquid cleaners, aerosols, abrasive pads, scouring powders or solvents, such as benzene.

1. For the touch screen, use only a dry microfibre cloth. In case of more difficult marks, use a pre-packaged, pre-moistened, 99% isopropynol wipe
2. For exterior plastics, use a soft cloth, lightly moistened with a household window cleaner
3. Do not spray any cleaning solutions directly on the product
4. Ensure the surface cleaned is fully dry before reconnecting power

7.4.6. Heating



Do not install the AccuVote-TSX near heat sources such as radiators, air ducts, areas subject to direct, intense sunlight, or other products that produce heat.

7.4.7. Power cord protection



The power supply cord for this product should be routed or installed in such a manner to protect it from being walked on or pinched. The power cord should be removed before moving the unit. The power cord must be placed near an easily accessible unobstructed socket outlet.

EBOLD

220910 001
DATE
TIME

in order to print and verify the next page.
If you wish to go back and make changes,

you have a maximum of five times, after which
no more changes and printing your ballot will
be possible. If you are experiencing difficulty with this
process,

STATE ELECTION
DISTRICT NO.
COUNTY NO.

EXEMPT

Ballot Number
12345678

Ballot District No.
4 Ballot

County Question 1a

County Question 1b

County Question 1c

Reject Ballot

Print Next Page

Voter Access Card

V-VPAT
WINDOZZ

730.07

DFI-P3-112-4

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 113

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.13	The V-VPAT system shall be designed to allow each voter to verify his or her vote on a paper record in the same language they voted in on the DRE.	DF1-P3-113
		Test Date
		6-27-07
		Test End Date/Time
		6-27-07 12:55
Cross Reference 1		Test Type (D,F,B)
2005 VVSG 7.9.2a		Functional
		Eq Type
		DRE
Cross Reference 2		Equipment Model
		AccuVote TSX
		Serial number
Cross Reference 3		297698 MD
		Manufacturer
		Diebold

267380(MC)

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the V-VPAT record prints in the same language as they voted in on the DRE.

Prerequisites:

Reference
DB1-P3-101

Test Procedures:

Vote one ballot in English
and verify the language
that appears on the VVPAT
is English.

Vote one ballot in Spanish
and verify the language that
appears on the VVPAT is
Spanish

Variances Used During Testing:

Reference
DB1-P3-101

Test Expected Outcome

V-VPAT prints in the same language as the one used for voting on the DRE.

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

Deck # DIE 1 PA

Voter inserted voter ~~card~~ and received a language selection of English or Spanish, voter selected English and all races and election title information appeared in English. Voter printed VVPAT receipt ^{which} appeared in English and ^{voter} cast their vote. They were able to see races and selections on VVPAT. Voter voted a second time and ~~cast~~ selected Spanish. All races and election title information appeared in Spanish. Voter printed VVPAT receipt, all races and

Findings:

~~selection~~ and applicable ~~to~~ information appeared in Spanish.

See above.

6-27-07 Model C meets test expected outcome

1st Review

2nd Review

Supervisor Approval

Geneice Mathews
Printed name

Michael L. Caldwell
Printed name

John GARDNER
Printed name


Signature

6-22-07
Date


Signature

8.03.07
Date


Signature

8/9/07
Date

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 114

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.14	The V-VPAT system shall be designed to prevent tampering with unique keys and/or seals for the compartment that stores the paper record, as well as meet the security requirements of this rule. Additional security measures may be in place on the printer to prevent tampering with the device.	DF1-P3-114
Cross Reference 1		Test Date
2005 VVSG 7.9.5g		6-28-07
Cross Reference 2		Test End Date/Time
		6-28-07 10:20
Cross Reference 3		Test Type (D,F,B)
		Functional
		Eq Type
		DRE
		Equipment Model
		AccuVote TSX
		Serial number
	267380(MC)	297695(MD)
		Manufacturer
		Diebold

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the V-VPAT can be secured per requirements herein.

Prerequisites:

Reference Test #
DF1-P3-128

Test Procedures:

Ensure VVPAT can be secured with tamper evident seals and/or locks. Lock unit if capable and ensure unit can be sealed if applicable.

Variances Used During Testing:

Reference Test #
DF1-P3-124

Test Expected Outcome

V-VPAT can be secured with tamper evident seals and/or locks with unique keys.

Created by the Colorado Secretary of State's Office

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

Additional Observations and Findings

Observations:

REF DF1-P3-128

Findings:

VPAT (whole) unit is capable of being locked. This prevents voters from accessing voter paper record. Inside unit is a canister (see doc 1) this canister is where voted records are scrolled into. This canister also has an area / space where a seal can be attached. This ~~canister~~ VPAT system can be secured with tamper evident seals and locked with unique keys.

1st Review

2nd Review

Supervisor Approval

Geneice Mathews
Printed name

Michael L. Chowell
Printed name

John Garmon
Printed name

Gene Mathews
Signature Date 6-28-07

Michael L. Chowell
Signature Date 8-03-07

John Garmon
Signature Date 8/9/07

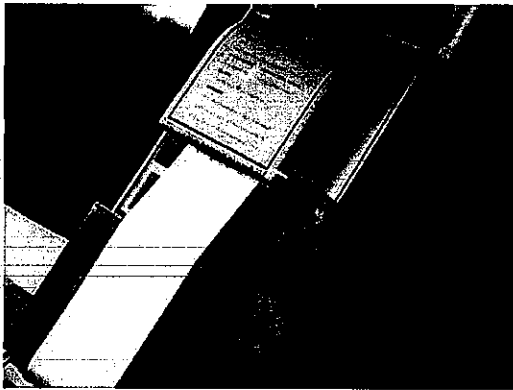


Figure 10-16 Affix new seal

Affix a new seal to the canister containing the take-up spindle by threading the seal through the matching holes on the canister and its lid, as shown.

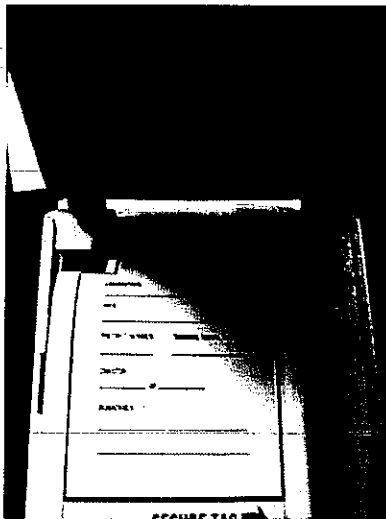


Figure 10-17 Gently pinch AVPM cover's hinge legs

GENTLY pinch the AVPM cover's hinge legs together with one hand and lower the cover to the closed position with your other hand.



Figure 10-18 Lock the AVPM

Lock the AccuView Printer Module cover using the same key as you used on the AccuVote-TSX unit.

On the AVPM Paper Change Notification window, the Start Take-Up button starts the take-up motor, which can be used to both test that the AVPM is responsive and tighten the ballot tape to eliminate any slack that resulted from loading the paper. Upon pressing the Start Take-Up button, the button changes to Stop Take-Up which turns off the take-up motor.

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 115

{This page intentionally left blank}

2007-CDOS-DIE-001-0402		Test Number
Rule or Statute 45.5.2.9.15	The V-VPAT system shall be capable of printing and storing paper record copies for at least 75 ballots cast without requiring the paper supply source, ink or toner supply, or any other similar consumable supply to be changed, assuming a fully printed double sided eighteen (18) inch ballot with a minimum of 20 contests.	DF1-P3-115
Cross Reference 1		Test Date 7/30
Cross Reference 2		Test End Date/Time 8/1 6:45P
Cross Reference 3		Test Type (D,E,B) Functional
		Eq Type DRE
		Equipment Model AccuVote TSX
		Serial number 267380
		Manufacturer Diebold
Test Procedure Specification		
<div> <div> Purpose: The purpose of this test is to verify that the V-VPAT system shall be capable of printing and storing paper records for at least 75 ballots cast as required herein. </div> <div> Prerequisites: DB1-P3-103 DB1-P3-108 </div> </div>		
<div> <div> Test Procedures: USE COORDINATED BALLOTS ON DRE & RECORD THE START & END OF V-VPAT RS11 </div> <div> Variances Used During Testing: N/A </div> </div>		
Test Expected Outcome		
V-VPAT system accomodates enough paper and printing supplies to store 75 ballots cast before needing to re-stock.		

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarting, stop and restoring the system as necessary.

[illegible]

Voting Systems Certification Program *Created by the Colorado Secretary of State's Office*

Additional Observations and Findings

Observations:

The UUPAT PAPER RECORDED WELL OVER THE REQUIRED MARK OF VOTES ON A SINGLE ROLL OF UUPAT PAPER. TEST WAS OBSERVED ON 2 MACHINES.

Findings:

THE UUPAT RECORD CAN RECORD MORE THAN THE REQUIRED # OF VOTES ON A SINGLE ROLL OF UUPAT PAPER.

1st Review

2nd Review

Supervisor Approval

Michael L. Crodwell
Printed name

T Bishop
Printed name

bn GARRICK
Printed name

Michael L. Crodwell
Signature Date 8.03.07

T Bishop
Signature Date 8-14-07

bn GARRICK
Signature Date 8/14/07

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 116

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.16	The V-VPAT unit shall provide a "low supply" warning to the election judge to add paper, ink, toner, ribbon or other like supplies. In the event that an election judge is required to change supplies during the process of voting, the voter shall be allowed to reprint and review the paper audit trail without having to re-mark his or her ballot, and the device shall prevent the election judge from seeing any voters' ballots.	DF1-P3-116
		Test Date
		6-26-07
		Test End Date/Time
		6-26-07 8:50
		Test Type (D,F,B)
		Functional
		Eq. Type
		DRE
		Equipment Model
		AccuVote TSX
		Serial number
		267380 (MC)
		Manufacturer
		Diebold
Cross Reference 1		
2005 VVSG 7.9.4g		
Cross Reference 2		
Cross Reference 3		

(Model D) 247695

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the V-VPAT has a low paper supply indicator and handles security as required herein.

Prerequisites:

Refer to Test DB1-P3-101

Test Procedures:

Ensure voter is able to complete his/her ballot during low paper message or before low paper message. Ensure that warning does not come up during voting so that poll worker would be able to see votes cast.

Variances Used During Testing:

Refer to Test DB1-P3-101
- Override low paper mode once with Supervisor Card to allow a voter to vote regardless of low paper warning message, fixt ballot twice, ensure voter is able to finish his/her vote.

Test Expected Outcome

V-VPAT has a "low supply" indicator. System allows voter to complete choices and cast vote before judge must change supplies.

Created by the Colorado Secretary of State's Office

Additional Observations and Findings

Observations:

(Model C)

- Voter Received low paper message - see photo.

DRE requires a supervisor to override this function ~~to~~ allow a voter to vote.

~~Revised~~ ^{We} Overridden machine, did one more vote than needed and rejected ballot after 2 views of VPAAT, never ran out of paper.

- Message flashed red and white to warn supervisor or poll worker ~~otherwise~~ that paper is low. If voter inserts card will not allow

Findings: them to vote, ~~sec~~ needs a supervisor card to bypass.

^{Low paper} Message was not received until after vote was cast. Used supervisor mode to put an additional vote on machine after seeing low paper warning. Machine had enough paper for a voter to vote and reject their ballot twice.

Video shows amount of paper left after one additional vote was done after receiving low paper message.

6-26-07 Verified Model D Unit meets test expected outcome

1st Review

2nd Review

Supervisor Approval

Geneice Mathews
Printed name

Michael L. Caldwell
Printed name

blw GARDNER
Printed name

Gene Mathews
Signature

6-20-07
Date

Michael L. Caldwell
Signature

8-03-07
Date

RJC
Signature

8/1/07
Date

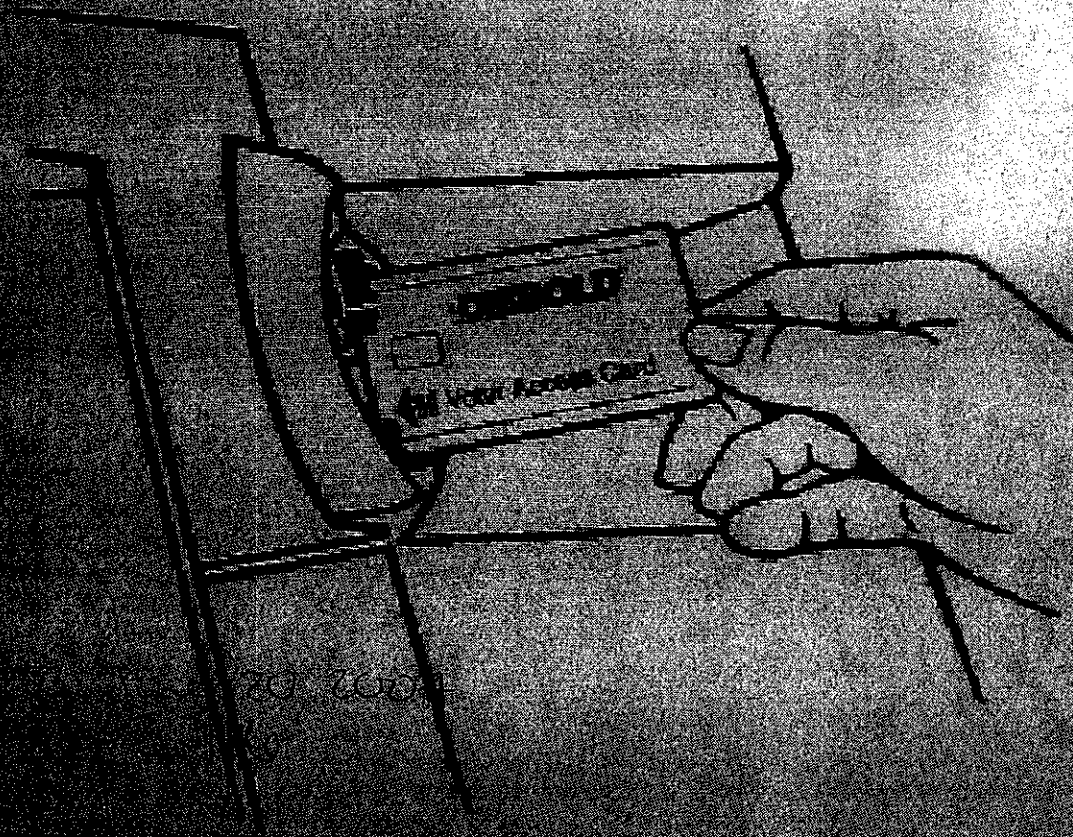
ELECTION MODE

Colorado Certification
Coordinated Election
November 7, 2006

EarlyNorth Branch Office

The paper is low and must be replaced -- please insert a supervisor card.

Insert Card to Begin Voting



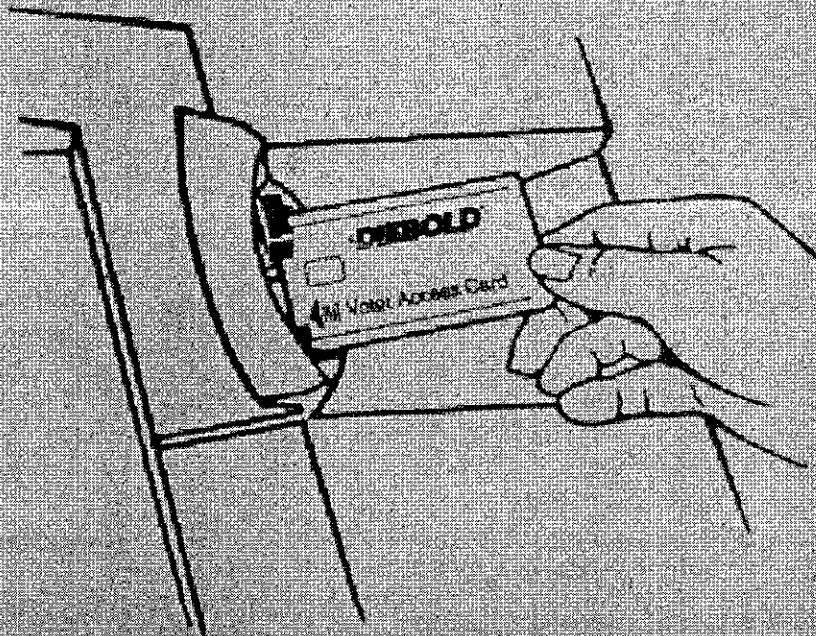
ELECTION MODE

Colorado Certification
Coordinated Election
November 7, 2006

EarlyMain Office

The paper is low and must be replaced -- please insert a supervisor card.

Insert Card to Begin Voting



DF1-93-116

7-31-07

Picture # 1

DF1-13-116

7-31-07

Picture # 2

ELECTION MODE

Colorado Certification
Coordinated Election
November 7, 2006

EarlyMain Office

The paper is low and must be replaced -- please insert a supervisor card.

Insert Card to Begin Voting

IDENTIFICATION

DATE

VOLE CENTER

TERMINAL SERIAL

CANISTER

OF

SIGNATURES

SECURE TAG →

PAPER LOW
BOLIT COUNT 29
CARD 10
ST NO 7
7/31/07 1/51

COMPATIBLE WITH
APM COMPRESSED
TERMINALS ONLY

DFI-P3-116

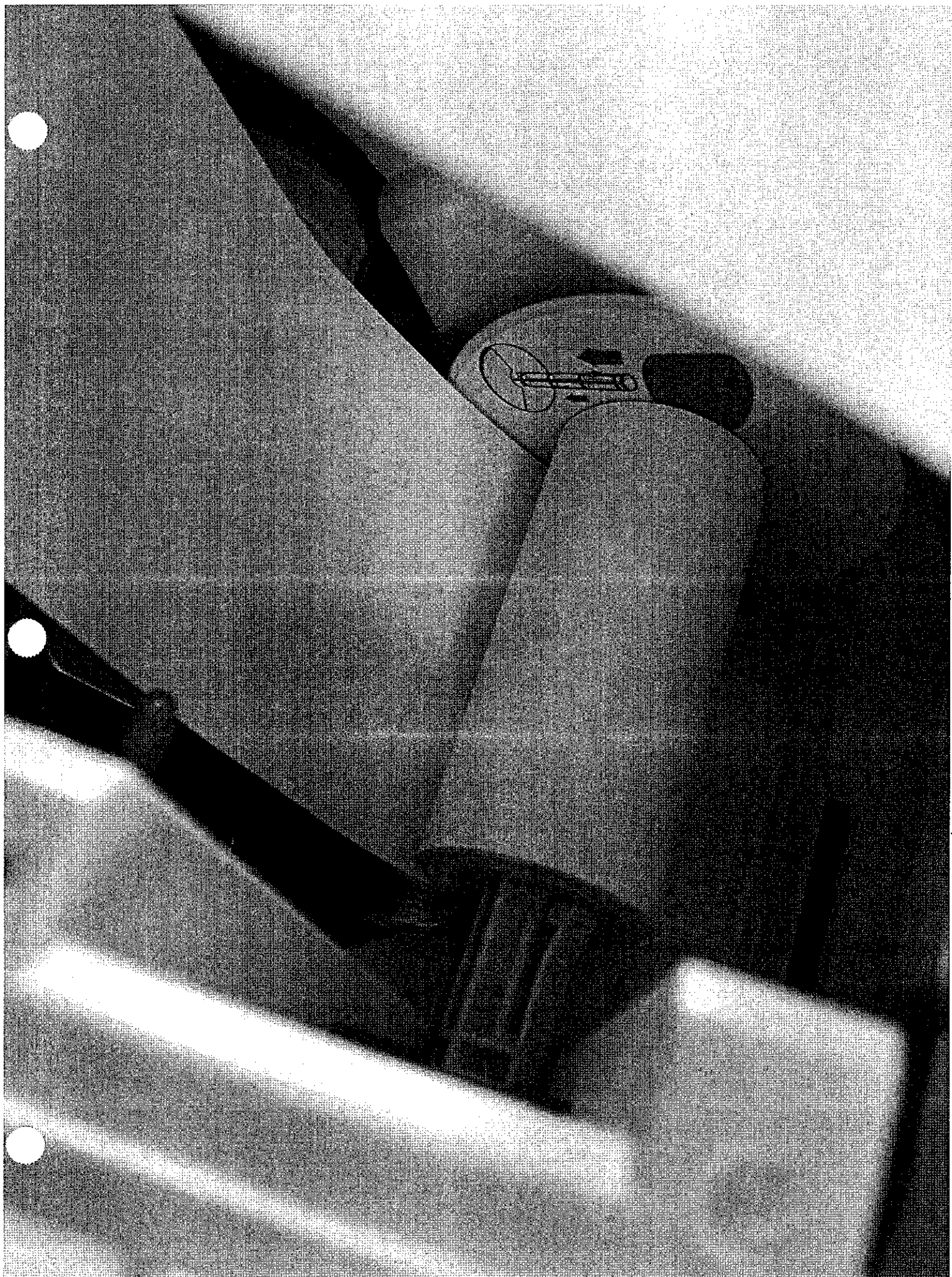
7-31-07

Picture # 3

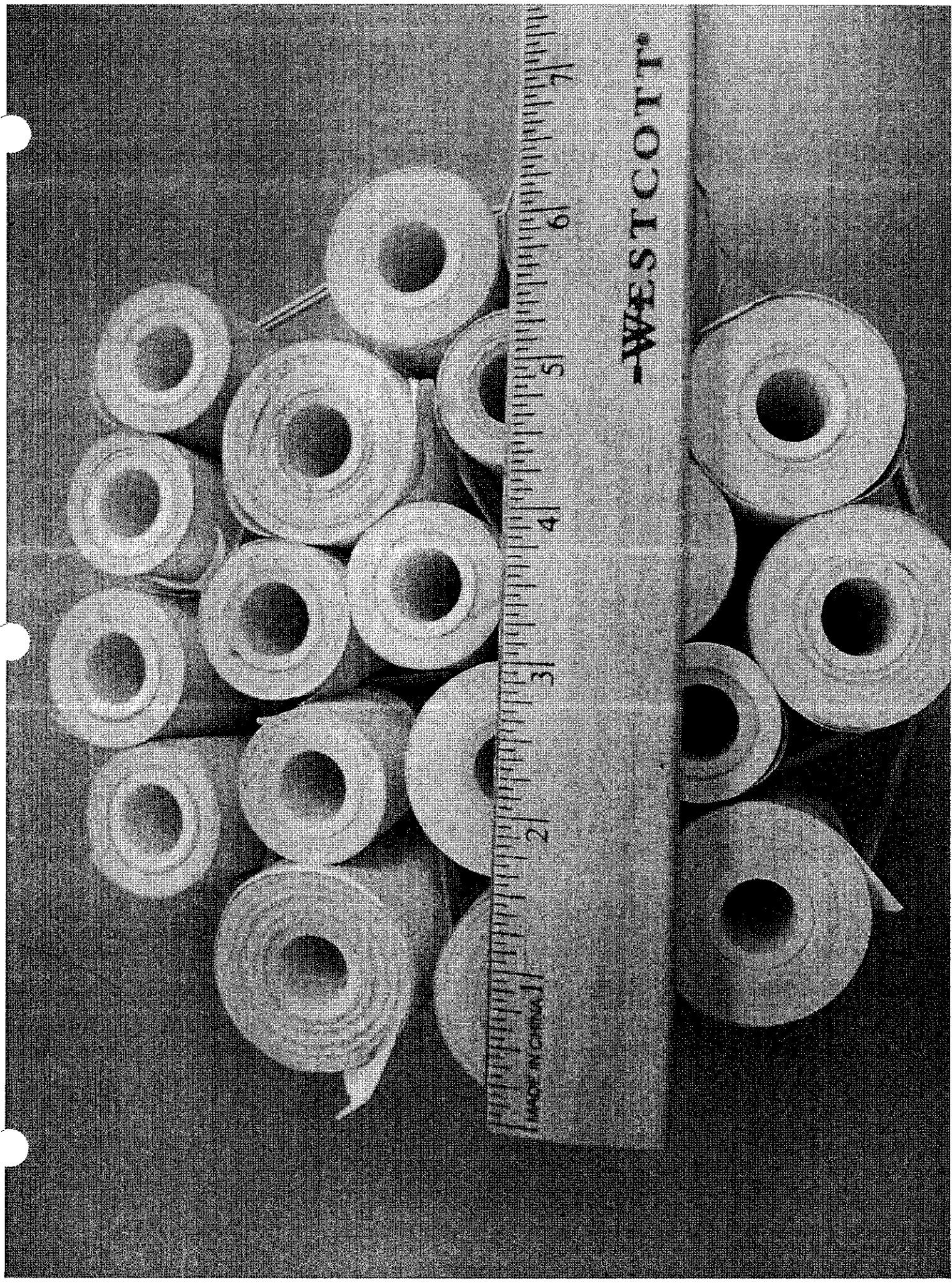
DFI-P3-116

7-31-07

Picture # 4



8.03.07 VVPAT ROLLS REMOVED @ "LOW PAPER" WARNING. FROM DRE'S 297695-D, 267380-C



State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 117

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2007-CDOS-DIE-001-0402		Test Number				
Rule or Statute 45.5.2.9.17	As of March 31, 2008, voting systems submitted for certification shall stop the V-VPAT printer of all forward operations of the DRE if the printer is not working due to paper jams, out of supply of consumables, or other issue which may cause the correct readable printing of information on the V-VPAT record as designed.	DF1-P3-117				
		Test Date				
		Test End Date/Time				
		Test Type (D.F.B)				
		Functional				
		Eq Type				
		DRE				
		Equipment Model				
		AccuVote TSX				
		Serial number				
		Manufacturer				
		Diebold				
Test Procedure Specification						
<table border="0"> <tr> <td> <u>Purpose:</u> This test is Not Applicable at this time - application for certification is prior to 3/31/2008. </td> <td> <u>Prerequisites:</u> N/A </td> </tr> <tr> <td> <u>Test Procedures:</u> This rule section is not applicable until after March 31, 2008 </td> <td> <u>Variances Used During Testing:</u> N/A </td> </tr> </table>			<u>Purpose:</u> This test is Not Applicable at this time - application for certification is prior to 3/31/2008.	<u>Prerequisites:</u> N/A	<u>Test Procedures:</u> This rule section is not applicable until after March 31, 2008	<u>Variances Used During Testing:</u> N/A
<u>Purpose:</u> This test is Not Applicable at this time - application for certification is prior to 3/31/2008.	<u>Prerequisites:</u> N/A					
<u>Test Procedures:</u> This rule section is not applicable until after March 31, 2008	<u>Variances Used During Testing:</u> N/A					
Test Expected Outcome						
N/A until after 3/31/2008						

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

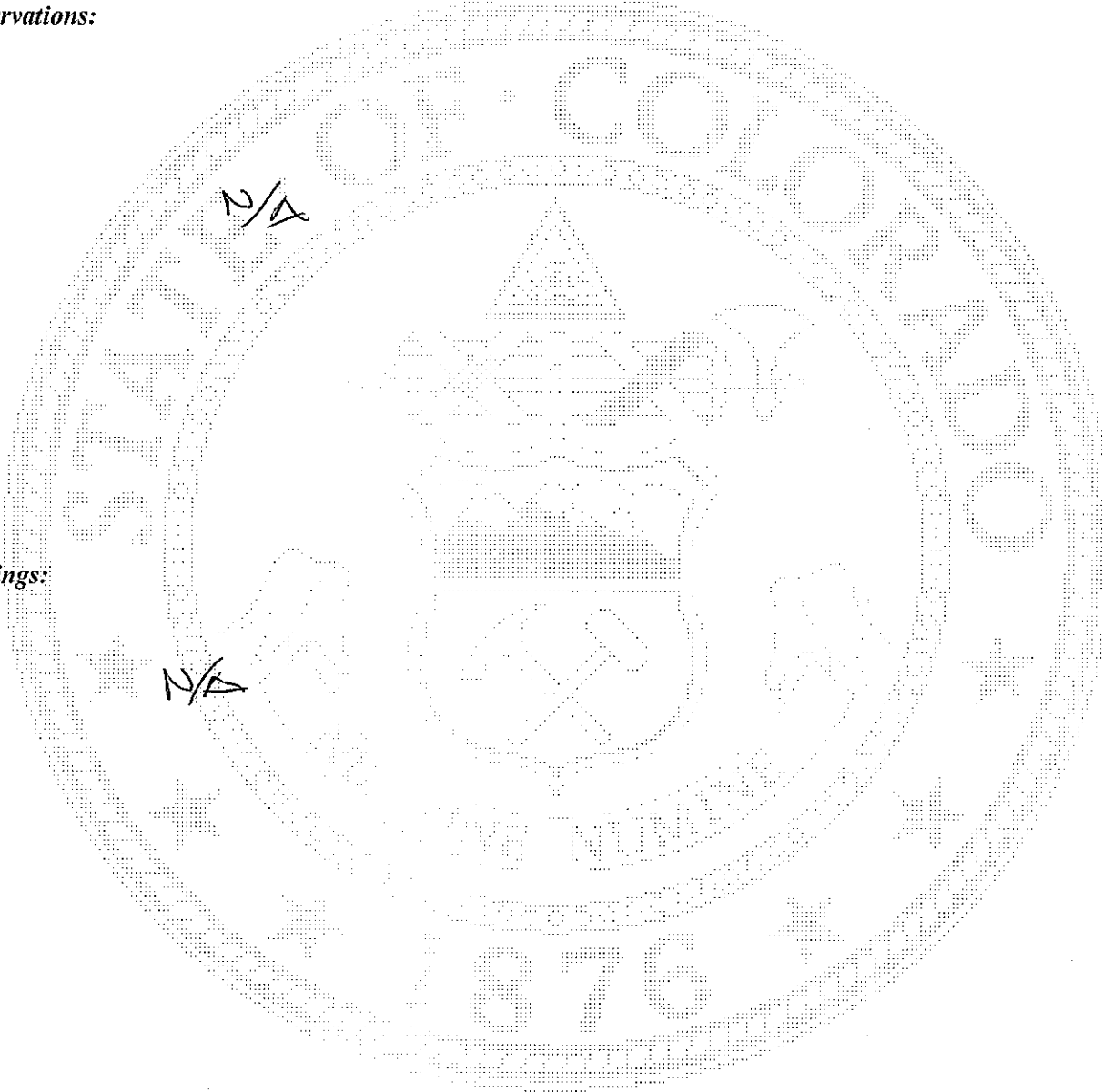
Additional Observations and Findings

Observations:

N/A

Findings:

N/A



1st Review

2nd Review

Supervisor Approval

Michael L. Chadwell
Printed name

T. Bishop
Printed name

John GARDNER
Printed name

Michael L. Chadwell 8.03.07
Signature Date

T. Bishop 8-14-07
Signature Date

[Signature] 8/14/07
Signature Date

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 118

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2007-CDOS-DIE-001-0402		Test Number
Rule or Statute 45.5.2.9.19(a)	The printed information on the printed ballot or verification portion of the V-VPAT device shall contain at least the following items: Name or header information of race, question or issue;	DF1-P3-118
		Test Date 6-22-07
		Test End Date/Time 6-27-07 12:55
Cross Reference 1 2005 VVSG 7.9.3		Test Type (D,F,B) Functional
		Eq Type DRE
Cross Reference 2		Equipment Model AccuVote TSX
		Serial number 267380(MC)
Cross Reference 3		Manufacturer Z77(A5(MD))
		Diebold
Test Procedure Specification		
<div> <div> Purpose: <p>The purpose of this test is to verify that the printed portion of the V-VPAT record contains the name or header information of race, question or issue.</p> </div> <div> Prerequisites: <p>Reference Test # DBI-P3-101 CCI-P3-101</p> </div> </div> <div> <div> Test Procedures: <p>Vote a ballot and Verify that information printed on VVPAT contains at least the name or header information of race, question, or issue.</p> </div> <div> Variances Used During Testing: <p>Reference test # DBI-P3-101</p> </div> </div>		
Test Expected Outcome		
V-VPAT prints the name or header information of race, question or issue.		

Voting Systems Certification Program *Created by the Colorado Secretary of State's Office*

Created by the Colorado Secretary of State's Office

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

Voter ~~3~~ voted a ballot and viewed VVPAT. VVPAT contained election name, race name and candidate name that voter voted for. Once complete/verified voter cast his/her ballot and VVPAT record rolled up to show a blank piece of paper for next voter.

Findings:

See above

6-27-07 - Model C meets test expected outcome.

1st Review

2nd Review

Supervisor Approval

Geneica Mathews
Printed name

Michael L. Arnold
Printed name

John Gardner
Printed name


Signature

6-22-07
Date


Signature

8-03-07
Date


Signature

8/9/07
Date

Colorado Certification Coordi...
2162530001
2162530001-2

3

STATE SENATE DISTRICT 19 VOTE...
☐ No Vote Cast

STATE REPRESENTATIVE DISTRICT...
☐ No Vote Cast

COUNTY COMMISSIONER DISTRICT ...
☐ No Vote Cast

SCHOOL DISTRICT R-1 4 Year Te...
☐ No Vote Cast
☐ No Vote Cast
☐ No Vote Cast

County Question 1a
☐ No Vote Cast

County Question 1b
☐ No Vote Cast

County Question 1c
☐ No Vote Cast

County Question 1d
☐ No Vote Cast

School Dist R-1 Question 3a
☐ No Vote Cast

School Dist R-1 Question 3b
☐ No Vote Cast

School Dist R-1 Question 3c
☐ No Vote Cast

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 119

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.19(b)	The printed information on the printed ballot or verification portion of the V-VPAT device shall contain at least the following items: Voter's selections for the race information;	DF1-P3-119
		Test Date
		6-22-07
		Test End Date/Time
		6-25-07 12:57
Cross Reference 1		Test Type (D,F,B)
2005 VVSG 7.9.3		Functional
		Eq Type
		DRE
Cross Reference 2		Equipment Model
		AccuVote TSX
		Serial number
	(ML) 767360	27695 (MD)
Cross Reference 3		Manufacturer
		Diebold
Test Procedure Specification		

Purpose:

The purpose of this test is to verify that the V-VPAT prints the voters' selections for the races chosen.

Prerequisites:

Refer to DB1-P3-101

Test Procedures:

Vote a ballot and Verify that choices made are printed and viewed on the VVPAT.

Variances Used During Testing:

Refer to DB1-P3-101

Test Expected Outcome

V-VPAT accurately prints the voter's selections for races.

[illegible]

[illegible]

Created by the Colorado Secretary of State's Office

[illegible]

Additional Observations and Findings

Observations:

Voter voted ballot and verified ~~of~~ his/her selections were ~~view~~ printed on VVPAT

Findings:

Voter was able to view his/her selections on the VVPAT, race information ~~and~~ and selections made ^{were} printed.

6-27-07 Model C meets test expected outcome.

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews
Printed name

T. Bishop
Printed name

John G. Gorman
Printed name

Genevieve Mathews
Signature

6-22-07
Date

T. Bishop
Signature

8-14-07
Date

[Signature]
Signature

8/14/07
Date

Colorado Certification Coordt...
6222830010
6222830010-8
8

STATE SENATE DISTRICT 23 VOTE...
[X] John Quincy Adams <Rep>

STATE REPRESENTATIVE DISTRICT...
[X] Franklin Roosevelt <Dem>

COUNTY COMMISSIONER DISTRICT ...
[X] Gary Bauer <Rep>

SCHOOL DISTRICT R-1 4 Year Te...
[] No Vote Cast
[] No Vote Cast
[] No Vote Cast

County Question 1a
[X] NO <NP>

County Question 1b
[X] YES <NP>

County Question 1c
[X] YES <NP>

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 120

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2007-CDOS-DIE-001-0402		Test Number
Rule or Statute 45.5.2.9.19(c)	The printed information on the printed ballot or verification portion of the V-VPAT device shall contain at least the following items: Write-in candidate's names if selected;	DF1-P3-120
		Test Date 6-20-07
		Test End Date/Time [Blank]
Cross Reference 1 2005 VVSG 7.9.3		Test Type (D,F,B) Functional
		Eq Type DRE
Cross Reference 2 [Blank]		Equipment Model AccuVote TSX
		Serial number 297693(MD) 267380(MD)
Cross Reference 3 [Blank]		Manufacturer Diebold
Test Procedure Specification		
<div> <div> Purpose: The purpose of this test is to verify the V-VPAT will print the keyed write-in candidate's name if used by the DRE device. </div> <div> Prerequisites: Refer to DB1-P3-101 CC1-P3-120 </div> </div>		
<div> <div> Test Procedures: Vote a ballot with a write-in choice and confirm the write-in appears on the VVPAT </div> <div> Variances Used During Testing: Refer to DB1-P3-101 </div> </div>		
Test Expected Outcome V-VPAT will print the write-in name as input by the voter.		

Environment		2007-CDOS-DIE-001-0402		Test Number
Voting				DF1-P3 - 120
Test Log				
Date	Time	Operator	Activities and Entries	Incident Reports
6-20	14:55		Refer to test DB1-P3-101	
6-27-07	15:40	Gracie	Verify Model D meets test expected outcome.	
		JK	See photos for test CC1-P3-120. Process of casting a write-in vote is detailed under this test.	
06-27-07		Shel	Added sample image of VVPAT - Shel	
03-09-07		Shel	Added sample image of V-VPAT with WRITE-IN sample.	

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarting, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

Tester typed in write-in name "Mary", this name appeared on the WPAAT and the Review Screen of the DRE, please refer to WPAAT tape ~~12~~.

Findings:

See above note.

6-27-07 Model D meets test expected outcome.

1st Review

Geneice Mathews
Printed name

Signature

2nd Review

Michael L. Chadwell
Printed name

Signature

Supervisor Approval

John Gardner
Printed name

Signature

Date

6-27-07

Date

8.03.07

Date

8/4/07

Colo. Certification Council
1327130001

STATE SENATE DISTRICT 19 VOTE
☒ Buggs Bunny (Rep)

STATE REPRESENTATIVE DISTRICT
☒ Franklin Roosevelt (Dem)

COUNTY COMMISSIONER DISTRICT
☒ SUE SMITH (NP)

SCHOOL DISTRICT R-1 4 Year Te.
☒ Noreve Fraser (NP)
☒ Earl F. Dodge (NP)
☒ Lynn Hefley (NP)

County Question 1a
☒ YES (NP)

County Question 1b
☒ YES (NP)

County Question 1c
☒ YES (NP)

County Question 1d
☒ YES (NP)

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 121

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2007-CDOS-DIE-001-0402		Test Number
Rule or Statute 45.5.2.9.19(d)	The printed information on the printed ballot or verification portion of the V-VPAT device shall contain at least the following items: Undervote or overvote information – this is in addition to the information on the review screen of the DRE;	DF1-P3-121
		Test Date 6-22-07
		Test End Date/Time 6-27-07 13:00
		Test Type (D,F,B) Functional
		Eq Type DRE
		Equipment Model AccuVote TSX
		Serial number 297695(MD)
		Manufacturer Diebold
Cross Reference 1 2005 VVSG 7.9.3		
Cross Reference 2		
Cross Reference 3		
Test Procedure Specification		
<div> <div> Purpose: The purpose of this test is to verify that the V-VPAT gives indication of overvotes and undervotes. </div> <div> Prerequisites: Refer to test DB1-P3-101 </div> </div>		
<div> <div> Test Procedures: Vote a ballot and verify that the VVPAT prints overs, and unders. Verify that these selections can also be reviewed on the review page of the DRE </div> <div> Variances Used During Testing: Refer to test DB1-P3-101 </div> </div>		
Test Expected Outcome V-VPAT identifies and prints any overvotes or undervotes.		

[illegible]

Test Log

[illegible]

[illegible]

Additional Observations and Findings

Observations:

Voter voted ballot and reviewed the VVPAT and the review screen of the DRE that selections made did appear in both places. Voter voted an undervote for two races, the review page on the DRE showed the undervoted races in red. The VVPAT printed a "no cast vote" for all races that were undervoted. ~~DRE~~ Cannot ~~over~~ overvote a race on DRE.

Findings:

See above.

6-27-07 Model C meets test expected outcome

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews
Printed name

T Bishop
Printed name

John Gardner
Printed name

Genevieve Mathews
Signature Date 6-22-07

T Bishop
Signature Date 8-14-07

John Gardner
Signature Date 8/14/07

Question 1c

County Question 1b
☐ No Vote Cast

County Question 1a
☐ No Vote Cast

☐ No Vote Cast
☐ No Vote Cast
☐ No Vote Cast

SCHOOL DISTRICT R-1 4 Year Term...

COUNTY COMMISSIONER DISTRICT ...
☒ DAFFY DUCK <NP>

STATE REPRESENTATIVE DISTRICT...
☐ No Vote Cast

STATE SENATE DISTRICT 19 VOTE...
☐ No Vote Cast

3
2-00001

Picture 2

DFI-P3-121

10/4/8

that you may reject your printed ballot a maximum of two times, after which you will no longer be allowed to make changes and printing your ballot will be void. Contact a pollworker if you are experiencing difficulty with this process.

2014/18

DFI-P3-121

Picture 3

STATE SENATE

DISTRICT 23

VOTE FOR ONE

John Quinn Adams

STATE REPRESENTATIVE

DISTRICT 25

VOTE FOR ONE

Franklin Roosevelt

COUNTY COMMISSIONER

DISTRICT 1

VOTE FOR ONE

Gary Bauer

Commissioner

John McCain

Vice Commissioner

SCHOOL DISTRICT R-1

4 Year Term

VOTE FOR THREE

No Vote Cast

No Vote Cast

No Vote Cast

County Question 1a

SHALL THE COUNTY BE PERMITTED TO EXPEND REVENUES ABOVE THE 2005 FISCAL YEAR SPENDING LIMITATION MANDATED BY ARTICLE X, SECTION 20 OF THE COLORADO CONSTITUTION, THE AMOUNT BEING UP TO \$800,000, WITH THE EXCESS REVENUE BEING SHARED WITH THE CITIES AND TOWNS WITH THE COUNTY IN THE SAME MANNER AS THE COUNTY SHARES WITH ROAD AND BRIDGE PROPERTY TAX REVENUE, AND WITH THE COUNTY RETAINED PORTION BEING USED FOR THE PURPOSE OF ROAD

NO

County Question 1b

It is proposed that the County shall be authorized to grant only one set of LABOR election notices per LABOR election in each mailing address of one or more registered electors. In general or coordinated elections, the LABOR election notices shall be forwarded to the County clerk to be included with those LABOR notices that are forwarded to the County clerk in the next election. The County shall mail one notice of set of LABOR election notices to each mailing address of one or more registered electors. By mailing only one set of LABOR election notices, in lieu of one set of the notices to each registered elector.

Print Next Page

Reject Ballot

Colorado Certification Coord!...
6222830010
6222830010-8
8

STATE SENATE DISTRICT 23 VOTE...
[X] John Quincy Adams <Rep>

STATE REPRESENTATIVE DISTRICT...
[X] Franklin Roosevelt <Dem>

COUNTY COMMISSIONER DISTRICT...
[X] Gary Bauer <Rep>

SCHOOL DISTRICT R-1 4 Year Term...
[] No Vote Cast
[] No Vote Cast
[] No Vote Cast

County Question 1a
[X] NO <NP>

County Question 1b
[X] YES <NP>

County Question 1c
[X] YES <NP>

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 122

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.19(e)	The printed information on the printed ballot or verification portion of the V-VPAT device shall contain at least the following items: Ability to optionally produce a unique serial number (randomized to protect privacy);	DF1-P3-122
		Test Date
		8/2
		Test End Date/Time
		8/2 4:40
		Test Type (D,F,B)
		Functional
		Eq Type
		DRE
		Equipment Model
	AccuVote TSX	
	Serial number	
	NA	
	Manufacturer	
	Diebold	
	Test Procedure Specification	
<div> <div> <u>Purpose:</u> <p>The purpose of this test is to verify if the V-VPAT device has the ability to produce a unique serial number. If serial number is printed on V-VPAT, confirmation that number is randomized.</p> </div> <div> <u>Prerequisites:</u> <p>NA</p> </div> </div> <div> <div> <u>Test Procedures:</u> <p>USE GEMS to UPDATE/CHANGE the settings to produce a serial # of the V-VPAT RECORD.</p> </div> <div> <u>Variances Used During Testing:</u> <p>NA</p> </div> </div>		
Test Expected Outcome		
V-VPAT allows for the printing of a randomized serial number.		

[illegible]

Additional Observations and Findings

Observations: GEMS 1-18-24 does not have the ability to optionally produce a serial number (randomized) on the VUPAT printout.

Findings: Voting System does NOT meet test requirements.
 additionally for PROVISIONAL BALLOTS & SERIAL # IS USED, BUT # IS
 NON RANDOMIZED

1st Review

2nd Review

Supervisor Approval

T Bishop
 Printed name

Genice Mathews
 Printed name

John Green
 Printed name

T Bishop 8-2-07
 Signature Date

Gen Math 8-14-07
 Signature Date

[Signature] 8/14/07
 Signature Date

- ☐ District
- ☐ Report Precinct
- ☐ Base Precinct
- ☐ Race
- ☐ Header
- ☐ Ballot Style
- ☐ Ballot
- ☐ Card Style
- ☐ Card
- ☐ Vote Center

District

Label	Id
-------	----

- <UNASSIGNED>
- Jurisdiction Wide
- State
- County Wide
- State Senate
- State House
- County Commissioner
- Municipalities
- School District
- Special District

AccuVote-1S Options

Options

Layout

Columns:

Scale Factor:

Button Height:

Vote Box Size:

☐ Use Voter Group Color

Options

☐ One Click Vote

☐ PA Straight Party

☐ Confirm Ballot

☐ Hide Instruction Page

☐ Hide Summary Page

☐ Hide Jump Buttons

WIBS

☐ Race Keys

☒ Play All Candidates

☒ Warn Undervotes

AVPM Settings

☐ Disable AVPM

☐ Print Candidate IDs

☐ Print Bar Codes

☐ Bar Code Writes Ins

☐ Use Dual Roll

Audio

Baller Volume:

System Volume:

☐ Pollworker Audio

Logging

☒ Log to Printer

☒ Pedantic

Close

Cancel

Apply

Help

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 123

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Rule or Statute 45.5.2.9.19(f)	2007-CDOS-DIE-001-0402	Test Number DF1-P3-123
	The printed information on the printed ballot or verification portion of the V-VPAT device shall contain at least the following items: Identification that the ballot was cancelled or cast.	Test Date 6-20-07
		Test End Date/Time 6-20-07 13:10
Cross Reference 1		Test Type (D,F,B) Functional
		Eq. Type DRE
Cross Reference 2		Equipment Model AccuVote TSX
		Serial number 267380 (MC)
Cross Reference 3		Manufacturer Diebold

(MD) 297695

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the information printed on the V-VPAT record contains information if the ballot was cast or cancelled.

Prerequisites:

Refer to test DB1-P3-101

Test Procedures:

Refer to test DB1-P3-101
Verify that when casting ballot a record is printed that shows you that the vote was cast and verify that when spoiling a ballot the VVPAT indicates that ballot has been spoiled

Variances Used During Testing:

Refer to test DB1-P3-101

Test Expected Outcome

V-VPAT prints an indicator of the ballot being cast or cancelled.

[illegible]

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarting, stop and restoring the system as necessary.

Continue to next
page...

[illegible]

<p>Documents No <input type="checkbox"/> Yes <input checked="" type="checkbox"/></p> <p>(list all documents)</p> <p>Refer to test DFI-P3-103</p>	<p>Videos No <input type="checkbox"/> Yes <input checked="" type="checkbox"/></p> <p>(list all videos)</p> <p>Refer to test DFI-P3- 103 and the main test DFI-P3-101</p>	<p>Photos No <input type="checkbox"/> Yes <input type="checkbox"/></p> <p>(list all photos)</p>
---	---	--

~~Pass~~ Pass the WHAT not explicitly displaying, P

Signature _____ Date 8/4/07

Additional Observations and Findings

Observations:

(Model C)

Spoiled ballot shows a "rejected" message at the end of the ballot on the VVPAT, cast ballot does not show a "cast ballot" message just blank paper. Rules states that there must be identification on the VVPAT paper that the ballot was cancelled (we receive the "reject" message) or cast.

Findings:

There is no identification on the VVPAT to show that ballot was cast however if ballot is spoiled a rejected message appears. ~~The~~ Diebold passes ~~adequately~~ ^{but} ~~does not~~ a "cast vote" message ~~appears~~ on VVPAT. Cast Vote does appear on the DRE to show that ballot was cast and VVPAT rolls up to secure vote.

A blank paper is ~~set~~ shown so that voter understands that the next voter will not see their choices.

A combination of the "cast vote" message on the DRE and ~~the VVPAT~~ ^{the VVPAT} rolling up the voters choices to show a blank paper allow the voter to know their vote was cast.

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews

Printed name

Michael L. Cornwall

Printed name

John GARDNER

Printed name

Genevieve Mathews

Signature

6-20-07

Date

Michael L. Cornwall

Signature

8-04-07

Date

John Gardner

Signature

8/4/07

Date

6-25-07 Model D meets test expected outcome. GUM

Colorado Certification Coordi...
6162530001
6162530001-1
7

STATE SENATE DISTRICT 19 VOTE...
[] No Vote Cast

STATE REPRESENTATIVE DISTRICT...
[X] Franklin Roosevelt <Dem>

COUNTY COMMISSIONER DISTRICT ...
[X] Barbara O'Grady <Pro>

SCHOOL DISTRICT R-1 4 Year Te...
[X] Earl F. Dodge <NP>
[X] Lynn Hefley <NP>
[X] Joe Nunez <NP>

County Question 1a
[X] NO <NP>

County Question 1b
[X] NO <NP>

County Question 1c
[X] NO <NP>

County Question 1d
[X] NO <NP>

School Dist R-1 Question 3a
[X] YES <NP>

School Dist R-1 Question 3b
[X] YES <NP>

School Dist R-1 Question 3c
[X] YES <NP>

Lookout Mountain Question 4a
[X] YES <NP>

Lookout Mountain Question 4b
[X] NO <NP>

Lookout Mountain Question 4c
[X] NO <NP>

DE1P3123

7/31/07

(1)

WARNING

This terminal has been inactive for several minutes.
The current ballot will be cancelled if the
terminal remains inactive.

To resume voting, press the Resume button before the timer at the top of this screen reaches zero.

Please contact a pollworker if you are experiencing
difficulty voting on this Ballot Station terminal.

Resume

DF1 P3 123

7/31/07

(2)

DF1 03 123 7/31/07 (3)

NO

Lookout Mountain Question 4a

Initiations on terms of office contained in Article VIII, Section 11, Paragraph 1 of the Colorado Constitution, be eliminated as applied to the Lookout Mountain Yearly District Board of Directors?

Lookout Mountain Question 4b

ALL THE LAKEWOOD WATER DISTRICT AS A VOTER APPROVED REVENUE CHANGE, BE AUTHORIZED TO ACCEPT, COLLECT, RETAIN AND EXPEND THE FULL AMOUNT OF REVENUES GENERATED FROM ANY OF ALL SOURCES DURING FISCAL YEAR 2003 AND EACH SUBSEQUENT YEAR AS PERMITTED BY LAW INCLUDING WITHOUT LIMITATION, REVENUES FROM PAYMENT OF TAXES, GRANTS, INVESTMENTS AND ALL OTHER SOURCES WITHOUT REGARD TO ANY SPENDING, REVENUE OR OTHER LIMITATIONS.

YES

Reject Ballot

Cast Ballot

*** BALLOT CANCELLED ***

DF1 P3 123 7/31/07 (4)

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 124

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2007-CDOS-DIE-001-0402		Test Number
Rule or Statute 45.5.2.9.20	The V-VPAT shall allow a voter to spoil his or her paper record no more than two (2) times. Upon spoiling, the voter shall be able to modify and verify selections on the DRE without having to reselect all of his or her choices.	DF1-P3-124
		Test Date 6-20-07
		Test End Date/Time 6-20-07 11:25
Cross Reference 1		Test Type (D,F,B) Functional
		Eq Type DRE
Cross Reference 2		Equipment Model AccuVote TSX
		Serial number 2673806ML
Cross Reference 3		Manufacturer Diebold
Test Procedure Specification		
<div> <div> Purpose: The purpose of this test is to allow a voter to spoil the paper record no more than 2 times. Voters shall be able to modify ballot after cancellation if less than 2 times. </div> <div> Prerequisites: Refer to test DB1-P3-101 </div> </div>		
<div> <div> Test Procedures: Spoil ballot two times, Verify that Voter cannot Spoil their ballot more than twice. Verify that Voter Does not need to reselect their choices after Spoiling </div> <div> Variances Used During Testing: Refer to DB1-P3-101 </div> </div>		
Test Expected Outcome V-VPAT allows spoilage of 2 ballots. Voters shall be able to modify and verify selections on DRE without having to reselect previous choices.		

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

Additional Observations and Findings

Observations:

On 2nd spoil DRE gives warning that Warning

"You have rejected your printed ballot the maximum number of times, and printing it again will cost your vote". A noise is made a small beep, also flashes ^{screen} yellow.

Reject ballot button went away on 3rd try. on DRE.

"Rejected" - received rejected ^{notice} after spoiling both times on the WPAT.
DIE-IC-02P (Deck number used for casting votes).

Findings:

WPAT allowed voter to spoil his/her ballot twice, 3rd try ^{the DRE} put up a warning (written above) also made a beeping noise ~~to~~ and flashed yellow to notify voter that they could not spoil their ballot a 3rd time. The WPAT printed their selections, after spoiling their choices, the previous two times, & ~~and~~ they did not need to reselect their choices. The voter was able to modify and verify selections on the DRE without having to reselect all of their choices.

6-25-07 Model D meets test expected outcome GCM

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews
Printed name

Michael L. Chadwell
Printed name

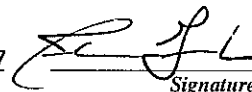
John Gardner
Printed name


Signature

6-20-07
Date

Michael L. Chadwell
Signature

7-30-07
Date


Signature

8/1/07
Date

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

Test Number

DF1-P3 - 125

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.21	Before the voter causes a third and final record to be printed, the voter shall be presented with a warning notice that the selections made on screen shall be final and the voter shall see and verify a printout of his or her vote, but shall not be given additional opportunities to change their vote.	DF1-P3-125
		Test Date
		6-20-07
		Test End Date/Time
		6-27-07 13:10
Cross Reference 1		Test Type (D,E,B)
		Functional
Cross Reference 2		Eq Type
		DRE
Cross Reference 3		Equipment Model
		AccuVote TSX
		Serial number
	267380(MC)	297695(MD)
		Manufacturer
		Diebold

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the DRE shall inform voters of a 'final notice' or warning that they are on their last chance for voting due to cancellations. Printed record should reflect the notice or cancellation of previous two ballots.

Prerequisites:

Reference DB1-P3-101
+ DF1-P3-124

Test Procedures:

Spoil ballots twice, ensure Voter receives a warning that the 3rd time is final and their vote will be cast. Verify VVPAT prints choices on 3rd try and does not allow voter to make additional changes.

Variances Used During Testing:

Reference Test
DB1-P3-101

Test Expected Outcome

Voting system will warn voter in a distinct manner that final selections will be cast after cancelling 2 previous paper ballots..

Environment		2007-CDOS-DIE-001-0402		Test Number
Voting				DF1-P3 - 125
Test Log				
Date	Time	Operator	Activities and Entries	Incident Reports
6-20-07	15:40	Kirk/Connie	Refer to test DB1-P3-101	
6-27	13:05	Genevieve	Verify Model C meets some requirements for test expected outcome.	

Voting Systems Certification Program *Created by the Colorado Secretary of State's Office*

Date	Time	Operator	Activities and Entries	Incident Reports
------	------	----------	------------------------	------------------

Continue to next
page...

[illegible]

Additional Observations and Findings

Observations: (Model D) *can*

Voter cast 2 spoiled ballots, on the third ballot they received a warning that

"You have rejected your printed ballot the maximum number of times, and printing it again will cost your vote"

This message appears in yellow and flashes between white and yellow.

Findings:

Does not allow a voter to reject his/her ballot more than two times. Voter is able to make changes on DRE, but ~~can~~ is not able to reject printed ballot a third time and make changes again. The 'Reject ballot' button on DRE goes away and the voter at this point can only cast his/her ballot.

6-27-07 Model C meets test expected outcome.

1st Review

2nd Review

Supervisor Approval

Genevieve Mathews
Printed name

Michael L. Christensen
Printed name

John Gardner
Printed name

Gene Mathews
Signature

6-20-07
Date

Michael L. Christensen
Signature

7-31-07
Date

[Signature]
Signature

8/1/07
Date

DIEBOLD®

WARNING: You have rejected your printed ballot the maximum number of times
and printing it again will cast your vote.

Please review your selections carefully before proceeding.

Touch the **Cast Ballot** button to print and cast your ballot.

OR

Touch the **Back** button or one of the races on this screen to go back and make
changes.

STATE SENATE
DISTRICT 19
VOTE FOR ONE
Daffy Duck

STATE
REPRESENTATIVE
DISTRICT 29
VOTE FOR ONE
No Vote Cast

COUNTY
COMMISSIONER
DISTRICT 1
VOTE FOR ONE
Douglas "Dayhorse"
Campbell
Commissioner
Pete Coors
Vice Commissioner

DFI-P3 125

45 Jun 20, 2007

Cast Ballot

Back

☐ No Vote Cast

County Question 1b
☐ No Vote Cast

County Question 1c
☐ No Vote Cast

County Question 1d
☐ No Vote Cast

School Dist R-1 Question 3a
☐ No Vote Cast

School Dist R-1 Question 3b
☐ No Vote Cast

School Dist R-1 Question 3c
☐ No Vote Cast

Lookout Mountain Question 4a
☐ No Vote Cast

Lookout Mountain Question 4b
☐ No Vote Cast

Lookout Mountain Question 4c
☐ No Vote Cast

7/31/07 Repeated this test case during DE1-P3-108 to capture image. *clad*

*** REJECTED ***

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 126

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Rule or Statute 45.5.2.9.22	2007-CDOS-DIE-001-0402	Test Number DF1-P3-126
	All V-VPAT components shall be capable of integrating into existing state testing and auditing requirements of the voting system.	Test Date 6-25-07
		Test End Date/Time 6-26-07 16:45
Cross Reference 1		Test Type (D,E,B) Functional
		Eq Type DRE
Cross Reference 2		Equipment Model AccuVote TSX
		Serial number 267350(MC)
Cross Reference 3		Manufacturer Diebold

297695(MD)

Test Procedure Specification

Purpose:

The purpose of this test is to verify that V-VPAT components can successfully integrate into existing state testing and auditing requirements.

Prerequisites:

Reference
DB1-P3-101

Test Procedures:

Vote a ballot, check audit trails and ensure two components are able to communicate by printing records during both pre & post election.

Variances Used During Testing:

Reference DB1-P3-101
+ DF1-P3-109

Test Expected Outcome

V-VPAT and DRE combination will integrate with all State required testing, both pre and post election.

[illegible]

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

Continue to next
page...

[illegible]

Additional Observations and Findings

Observations:

Findings:

Checked audit trail on DRE pre and post election, viewed VVPAT records printed with same information as seen on DRE. Two components ~~works~~ are capable of integrating into existing state testing + auditing requirements.

1st Review

2nd Review

Supervisor Approval

Gracice Mathews
Printed name

T Bishop
Printed name

John GARDNER
Printed name

Gracice Mathews
Signature Date 6-26-07

T Bishop
Signature Date 8-14-07

John Gardner
Signature Date 8/14/07

State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 127

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2007-CDOS-DIE-001-0402		Test Number
Rule or Statute 45.5.2.9.23	The V-VPAT component should print a barcode with each record that contains the human readable contents of the paper record and digital signature information. The voting system provider shall include documentation of the barcode type, protocol, and/or description of barcode and the method of reading the barcode as applicable to the voting system.	DF1-P3-127
		Test Date 8/6
		Test End Date/Time 8/7 4:50
Cross Reference 1 2005 VVSG 7.9.3h		Test Type (D,F,B) Functional
		Eq Type DRE
Cross Reference 2		Equipment Model AccuVote TSX
		Serial number 297693
Cross Reference 3		Manufacturer Diebold
Test Procedure Specification		
<div> <div> Purpose: The purpose of this test is to confirm that if the V-VPAT prints a barcode, then the barcode matches the documentation provided by the vendor. </div> <div> Prerequisites: DB1-P3-101 for voting & setup. DF1-P3-122. </div> </div>		
<div> <div> Test Procedures: USE DB1-P3-101 for voting & setup. CHANGE TS-OPTIONS setting to INCLUDE & V-VPAT </div> <div> Variances Used During Testing: </div> </div>		
Test Expected Outcome V-VPAT may print a barcode that contains the human readable contents. If barcode is used, verify that documentation includes barcode type, protocol and method of reading.		

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

The Voting System can be setup to optionally print a Barcode for the VVPAT Record.

The Voting System documentation explains what the Barcode contains. *Edward*

Findings:

The Voting System Provider meets the Requirement. *Edward*

1st Review

Michael L. Chadwell

Printed name

Michael L. Chadwell

Signature

8-07-07

Date

2nd Review

T. Bishop

Printed name

T. Bishop

Signature

8-14-07

Date

Supervisor Approval

John Gardner

Printed name

John Gardner

Signature

8/14/07

Date

4. Maintenance

Not much maintenance is required. The electronics, motor, and gears get permanently attached onto the AccuVote-TSX terminal and are almost inaccessible. The removable housing has a viewing window that will need to be cleaned from time to time.

4.1. Inserting or replacing ballot tape

If a new roll of ballot tape is inserted before an election, the chances of running out of ballot tape during an election are lowered. Ballot tape will need to be changed, depending on the number of voters, the number of rejections before a ballot is cast, and the length of the ballot.

To change the Ballot Tape: unlock the AVPM and lift the metal platen to access the report. Then refer to section 3.1 *Installing the ballot printer tape* for instructions.

Before installing ballot tape, be sure the report tape has been properly installed.

4.1.1. Ballot tape header and ender records

Each time Election mode is entered and exited on the AccuVote-TSX unit, the AVPM prints header records on the ballot tape in both barcode and text format. Both the header and ender contain the same information. The following information is printed in bar code format:

- AccuVote-TSX machine serial number
- Election key
- Vote Center key
- Counter batch key
- Machine key
- Download version
- Download copy
- FBcount
- Current number of records
- Election mode
- Salt value used to generate original header signature
- Record check signature
- Data (BRS) signature for the file
- A Cyclical Redundancy Check (CRC) of all of the above

Tape headers also include the following information in text form for easy tape identification:

- Election ID
- Election name
- Election date
- Vote Center ID
- Vote Center name
- Download version
- Download copy
- Election mode
- Number of ballots
- Timestamp

4.2. Removing the ballot printer tape

Ballot tape should be removed from the AVPM as follows:

School Dist R-1 Question 3a
☐ No Vote Cast

School Dist R-1 Question 3b
☐ No Vote Cast

School Dist R-1 Question 3c
☐ No Vote Cast

Lookout Mountain Question 4a
☐ No Vote Cast

Lookout Mountain Question 4b
☐ No Vote Cast

Lookout Mountain Question 4c
☐ No Vote Cast



State of Colorado
Department of State
1700 Broadway
Suite 250
Denver, CO 80290



Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-DIE-001-0402**

Manufacturer: *Diebold Election Systems*

Application Date: *04/02/2007*

<i>Test Number</i>
DF1-P3 - 128

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Rule or Statute	2007-CDOS-DIE-001-0402	Test Number
45.5.2.9.24	The V-VPAT component shall be designed such that a voter shall not be able to leave the voting area with the paper record.	DF1-P3-128
		Test Date
		6-22-07
		Test End Date/Time
		6-26-07 15:28
Cross Reference 1		Test Type (D/F/B)
2005 VVSG 7.9.4d, 7.9.5g		Functional
		Eq Type
		DRE
Cross Reference 2		Equipment Model
		AccuVote TSX
		Serial number
		297695 (MD)
Cross Reference 3		Manufacturer
		Diebold

267380(MC)

Test Procedure Specification

Purpose:

The purpose of this test is to verify that the V-VPAT prevents a voter from taking a paper record from the voting area.

Prerequisites:

Reference
DB1-P3-101

Test Procedures:

When Voting ensure that VVPAT Record is not accessible to voter; Vote a ballot & try to access VVPAT

Variances Used During Testing:

Reference
DB1-P3-101

Test Expected Outcome

V-VPAT does not allow voter to retain paper record.

Test Log

The test log shall contain procedural steps used to conduct and evaluate the tests. At a minimum, these procedural steps shall include any items related to the setup, start, process, measurements, shut down, retarding, stop and restoring the system as necessary.

[illegible]

[illegible]

Additional Observations and Findings

Observations:

Voter voted ballot, I tried to access ^{VVPAT} ballot record, was not able to due to unit being locked.

Findings:

VVPAT unit can be locked, contains a lock to prevent the voter from taking a voter record with them.

6-27-07 Model C meets test expected outcome.

1st Review

Geneice Mathews
Printed name

Signature

2nd Review

Michael L. Chadwell
Printed name

Signature

Supervisor Approval

John Gardner
Printed name

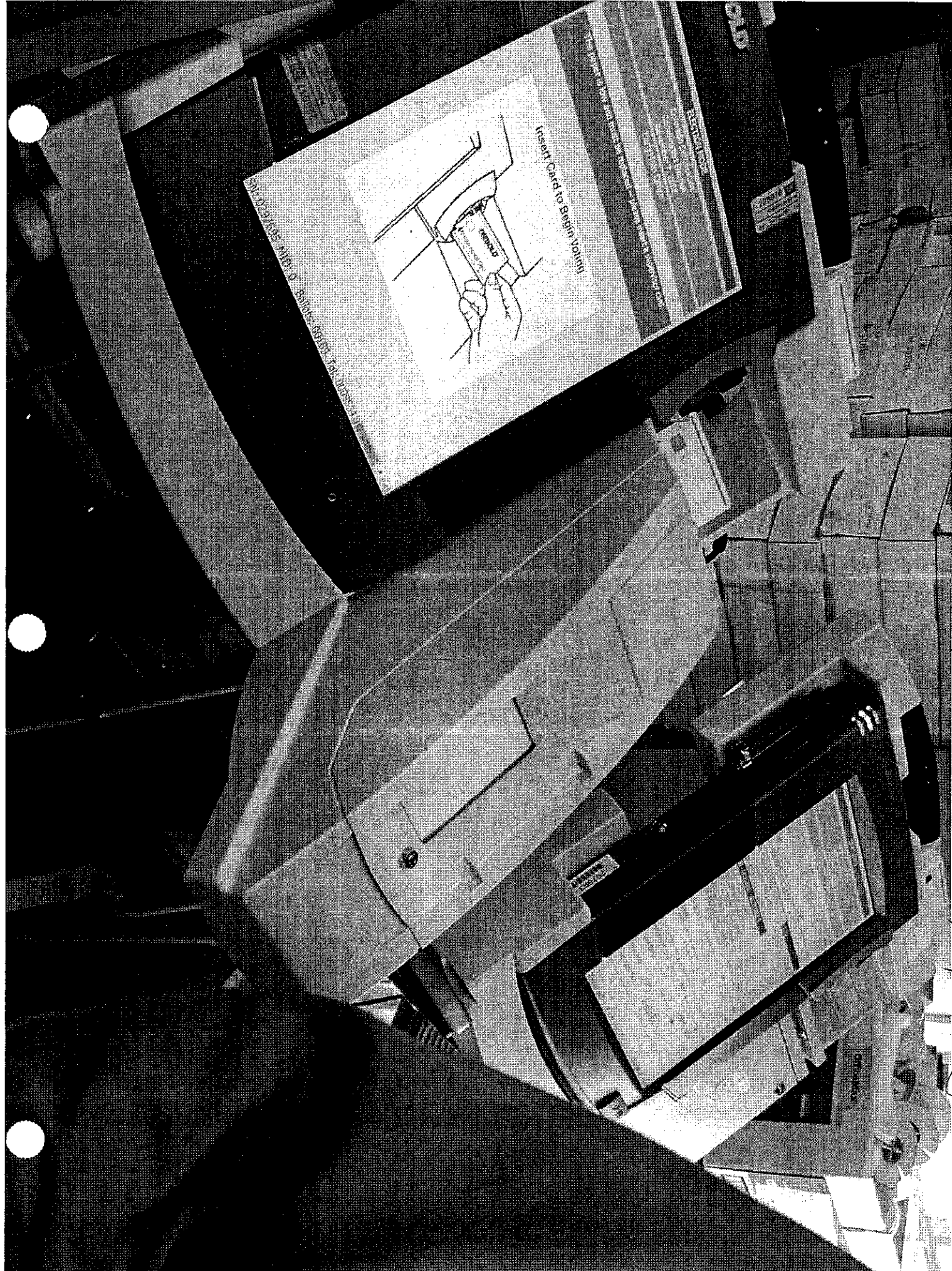
Signature

6-22-07
Date

Michael L. Chadwell
Signature

Date

8/4/07
Date



DF103 128 7/31/07 (1)

JURISDICTION

DATE

VOTE CENTER#

TERMINAL SERIAL#

CANISTER

OF

SIGNATURES

SECURE TAG →

COMPATIBLE WITH
APRS CONFIGURED
TERMINALS ONLY

DF1 83 128 7/31/07 (2)