

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 701

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(e)(II)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: If the elector overvotes it notifies the elector before the vote is cast that an overvote for any office, ballot question, or ballot issue will not be counted.	CE7-P3-701
Cross Reference 1		Test Date
		8/30/2007
Cross Reference 2		Test End Date/Time
		8/31/2007
Cross Reference 3		Test Type (D,F,B)
		Functional
		Eq Type
		Amark
		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S

Purpose:

The Purpose of this test is to verify that the system will not count an overvoted question.

Prerequisites:

DB7-P3-701

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system will notify the voter that the system will not count an overvote.

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

2007-CDOS-ESS-001-0403

CE7-P3 - 701

Free Log

[illegible]

Attachments

Documents
(list all documents)

No

Yes ☐

7

Videos
(list all videos)

No

Yes ☐☐

Photos
(list all photos)

No ☒

No ☒

Yes ☐

7

Acceptable Compensating Controls

Results Summary

The voting system does not meet the requirements.

Final Test Status

FAIL

1st Review

Geneice Mathews

Printed name

2nd Review

Jerome Lovato

Printed name

Supervisor Approval

John Gardner

Printed name

Signature

9.12.07
Date

Wanda J. J. J. 9/13/07
Signature Date

 9/15/07
Signature Date

Additional Observations and Findings

Observations:

See notes on DB7-P3-701. The voting system did not mark ballots correctly causing concern to the testing board. Although an overvote could not be voted on the screen, no warning is provided to the voter that the ballot is marked incorrectly, and there was no way to verify that the ballot was not marked with an overvote.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

9-12-07

Date

2nd Review

Jessie Louie

Printed name



Signature

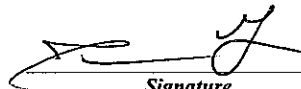
9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

Date

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Denver, CO 80290



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Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 702

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Rule or Statute 1-5-611(1)(c)	2007-CDOS-ESS-001-0403	Test Number CE7-P3-702
	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements: It rejects any vote for an office or on a ballot issue if the number of votes exceeds the number the elector is entitled to cast.	Test Date 8/30/2007
		Test End Date/Time 8/31/2007
Cross Reference 1		Test Type (D-F-B) Functional
		Eq. Type Amark
Cross Reference 2		Equipment Model Automark
		Serial number AMO206450782
Cross Reference 3		Manufacturer ES & S

<u>Purpose:</u> <p>The purpose of this test is to verify that the voting device will reject any vote for a race or contest if the number of votes exceeds the number of votes the elector is entitled to cast. (Vote for 1= 1 selection)</p>	<u>Prerequisites:</u> <p>DB7-P3-701 DB7-P3-703 to JCL</p>
<u>Test Procedures:</u> <p>Document findings of processing ballots on the Automark system.</p>	<u>Variances Used During Testing:</u> <p>N/A</p>
<u>Test Expected Outcome</u> <p>The vote system rejects overvotes for all types of races.</p>	

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:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name

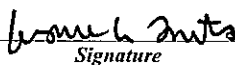

Signature

9-4-07
Date

2nd Review

Denise Loub

Printed name


Signature

9/13/07
Date

Supervisor Approval

John Gardner

Printed name


Signature

9/15/07
Date

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Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 703

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2007-CDOS-ESS-001-0403		Test Number
Rule or Statute 1-5-611(1)(d); 45.6.2.3.14(a)	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements: It permits each elector, other than at a primary election, to vote for the candidates of one or more parties and for unaffiliated candidates.	CE7-P3-703
Cross Reference 1		Test Date 8/30/2007
Cross Reference 2		Test End Date/Time 8/31/2007
Cross Reference 3		Test Type (D.F.B) Functional
		Eq Type Amark
		Equipment Model Automark
		Serial number AMO206450782
		Manufacturer ES & S

Purpose:

The purpose of this test is to verify that the voting system allows for voters to vote for candidates of one or more parties and for unaffiliated candidates when not in a primary election.

Prerequisites:

DB7-P3-701

DB7-P3-703 → j.c.

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

In other than a primary election senerio, each elector is allowed to vote for candidates of any and all parties.

Test Log

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

[illegible]

Voting

2007-CDOS-ESS-001-0403

CE7-P3 - 703

[illegible]

Attachments

Documents
(list all documents)

No



Yes



Videos

(list all videos)

No



Yes



Photos
(list all photos)

No



Yes



DB7-93-701

Acceptable Compensating Controls

Results Summary

The voting system does not meet the requirements.

Final Test Status

FAIL

1st Review

Geneice Mathews

Printed name _____

2nd Review

Se nome Louro

Printed name

Supervisor Approval

John Gardner

Printed name

Signature

3-4-57
Date

Signature

Date _____

Signature

Dan

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

9-4-07

Date

2nd Review

Jerome E. Smith

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

Date

State of Colorado
Department of State
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Mike Coffman
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Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 704

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Rule or Statute 1-5-611(1)(e)	2007-CDOS-ESS-001-0403	Test Number CE7-P3-704
	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements: It prevents the elector from voting for the same candidates more than once for the same office;	Test Date 8/30/2007
		Test End Date/Time 8/31/2007
Cross Reference 1		Test Type (D,F,B) Functional
		Eq Type Amark
Cross Reference 2		Equipment Model Automark
		Serial number AMO206450782
Cross Reference 3		Manufacturer ES & S

<u>Purpose:</u> <p>The purpose of this test is to verify that the voting device prevents electors from voting for the same candidate more than once for the same office.</p>	<u>Prerequisites:</u> <p>DB7-P3-701 DB7-P3-703 → gcl</p>
<u>Test Procedures:</u> <p>Document findings of processing ballots on the Automark system.</p>	<u>Variances Used During Testing:</u> <p>N/A</p>
<u>Test Expected Outcome</u> <p>The voting system prevents the elector from voting more than one time for the same office.</p>	

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:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name

2nd Review

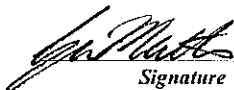
Jerome Lomto

Printed name

Supervisor Approval

John Gardner

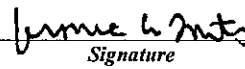
Printed name



Signature

9-4-07

Date



Signature

9/13/07

Date



Signature

9/15/07

Date

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Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 705

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-611(1)(f)(l)	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements: If the system uses a voting device: It is suitably designed, of durable construction, and capable of being used safely, efficiently, and accurately in the conduct of elections and the tabulation of votes.	CE7-P3-705
		Test Date
		9/1/2007
		Test End Date/Time
		9/4/2007
		Test Type (D, F, B)
		Functional
		Eq Type
		Amark
		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify the voting system meets the design and construction requirements identified herein.

Prerequisites:

DB7-P3-710

Test Procedures:

Use test setup and programming from DB7-P3-710.
Document findings of using the system.

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system will meet the following requirements:

1. Is of suitable design.
2. Is of durable construction.
3. Safe.

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]

Created by the Colorado Secretary of State's Office

Additional Observations and Findings

Observations:

See attached photos. The voting system comes with a very flimsy table and privacy hood which does not provide necessary privacy to voters. Stand for the voting device does not feel safe for the holding of the machine. Finally, we know that the voting device does not mark ballots accurately and ultimately cannot meet this requirement.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name


Signature

9-5-07
Date

2nd Review

Jerome Lomito

Printed name


Signature

9/13/07
Date

Supervisor Approval

John Gardner


Printed name



Signature

9/15/07
Date


CE3-P3-705




**Automark**




Model No. A201-00





Serial No.
AM0208451752



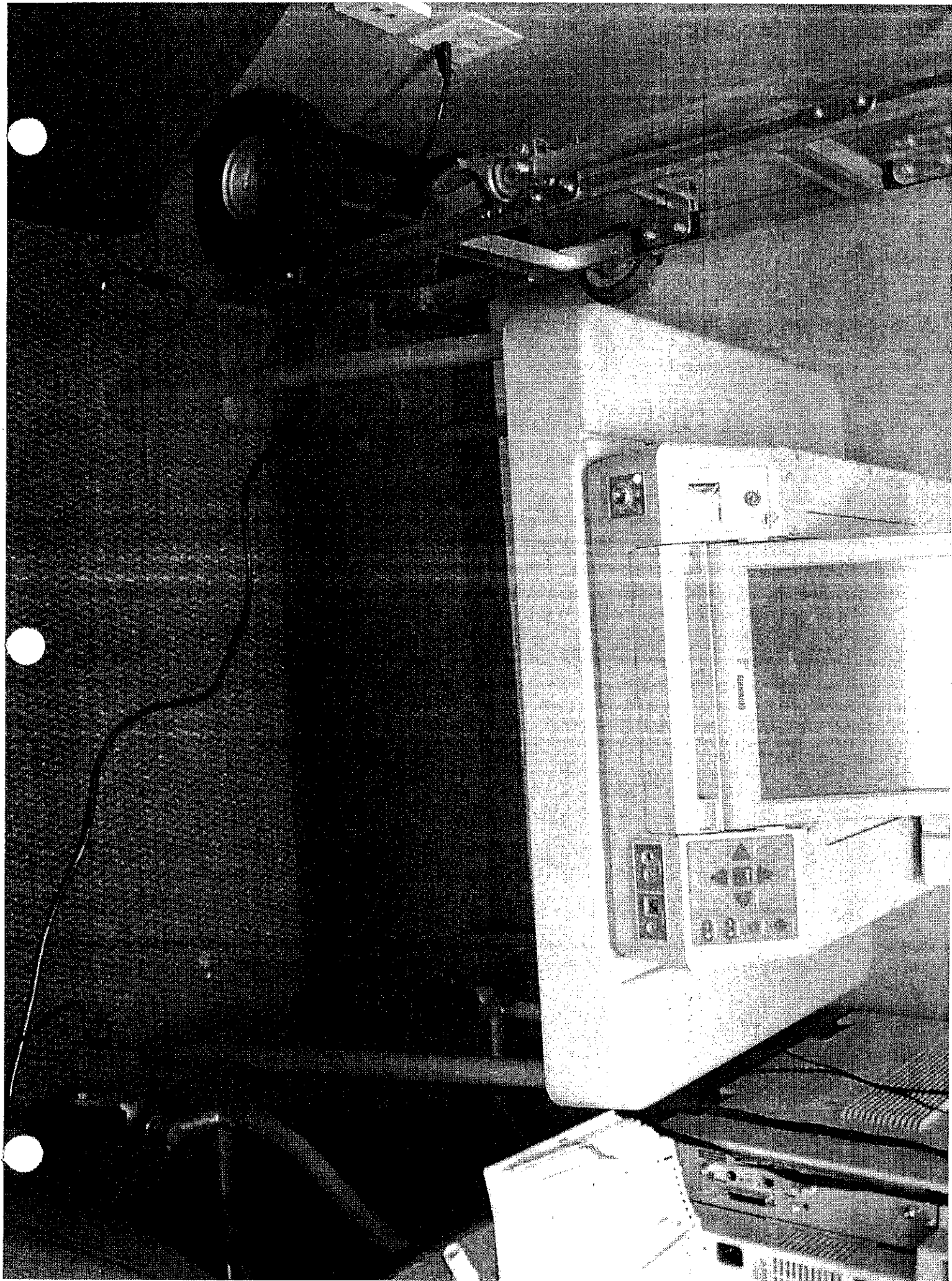
120V ~ 60HZ 1.5A

Battery charger D.C.

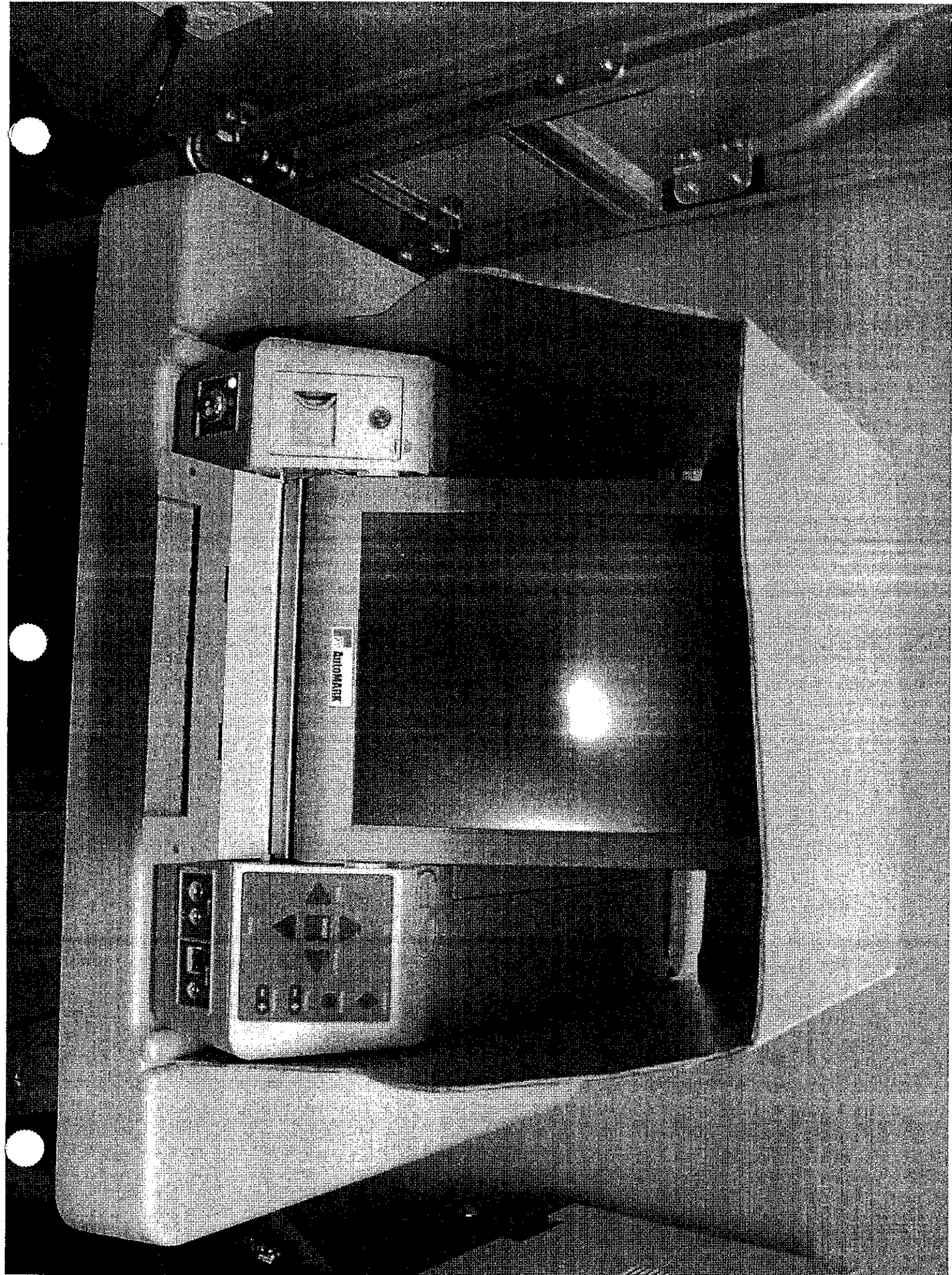
Input 12V 4A 2.5amp

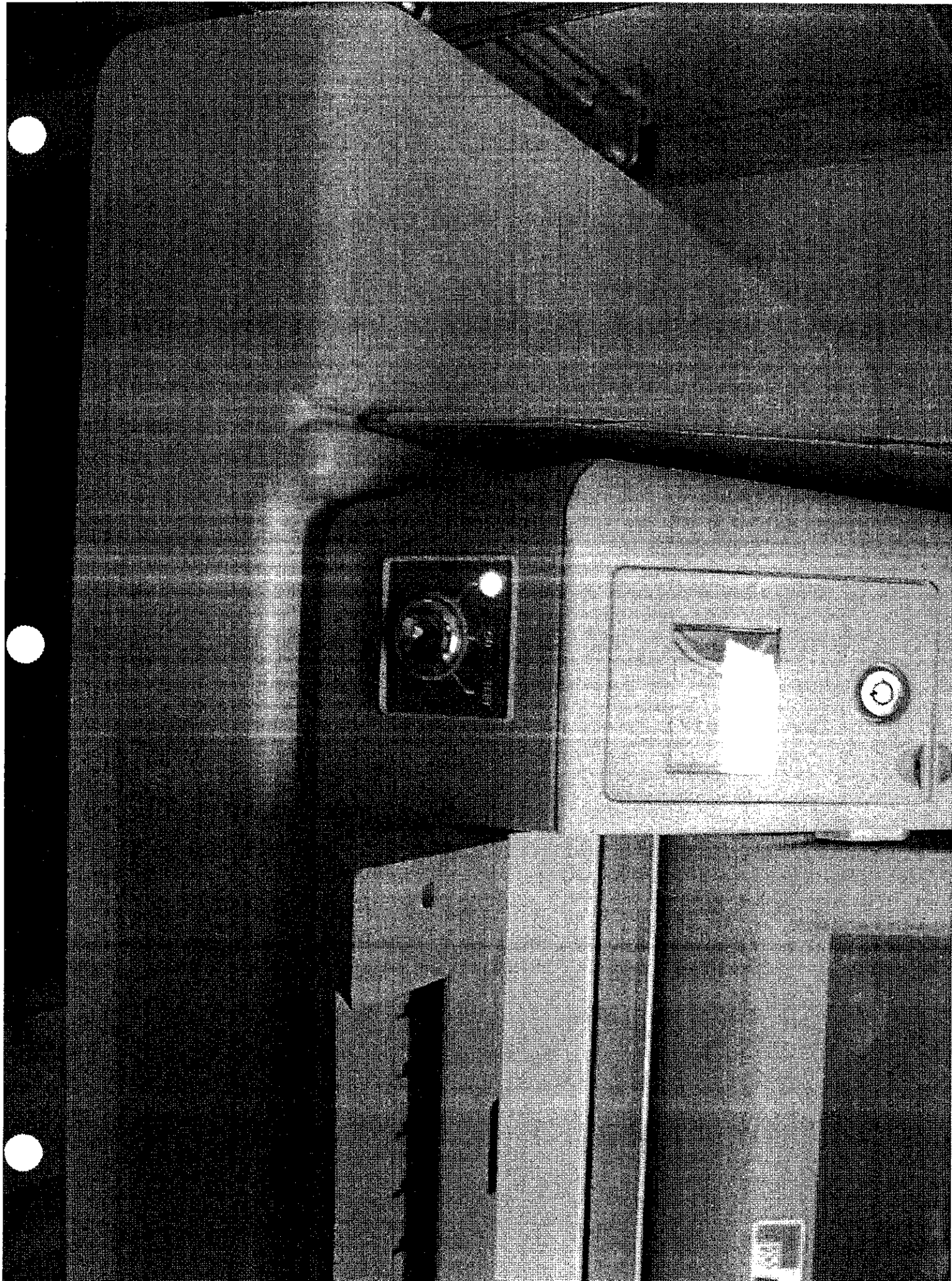
Output positive





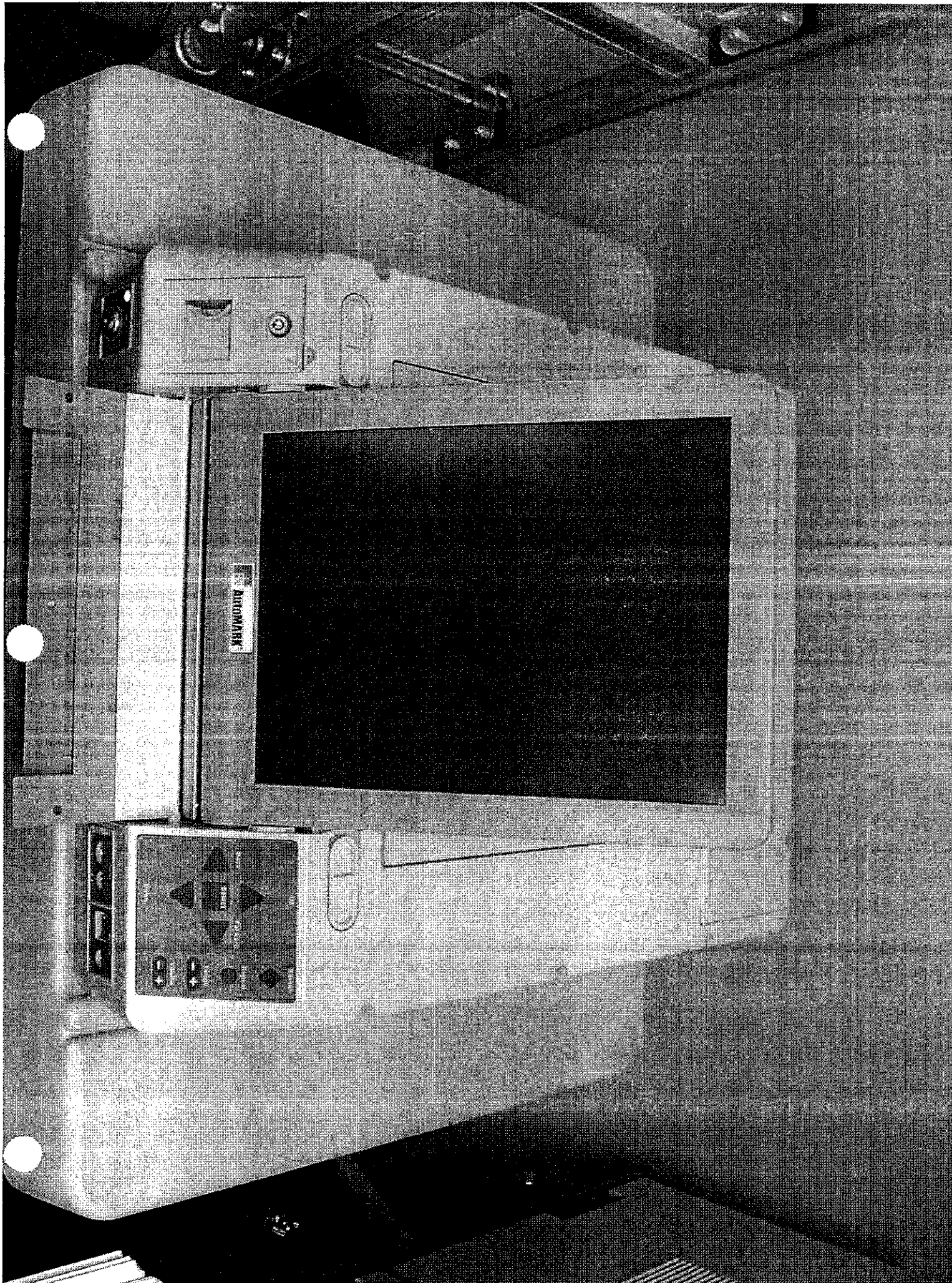


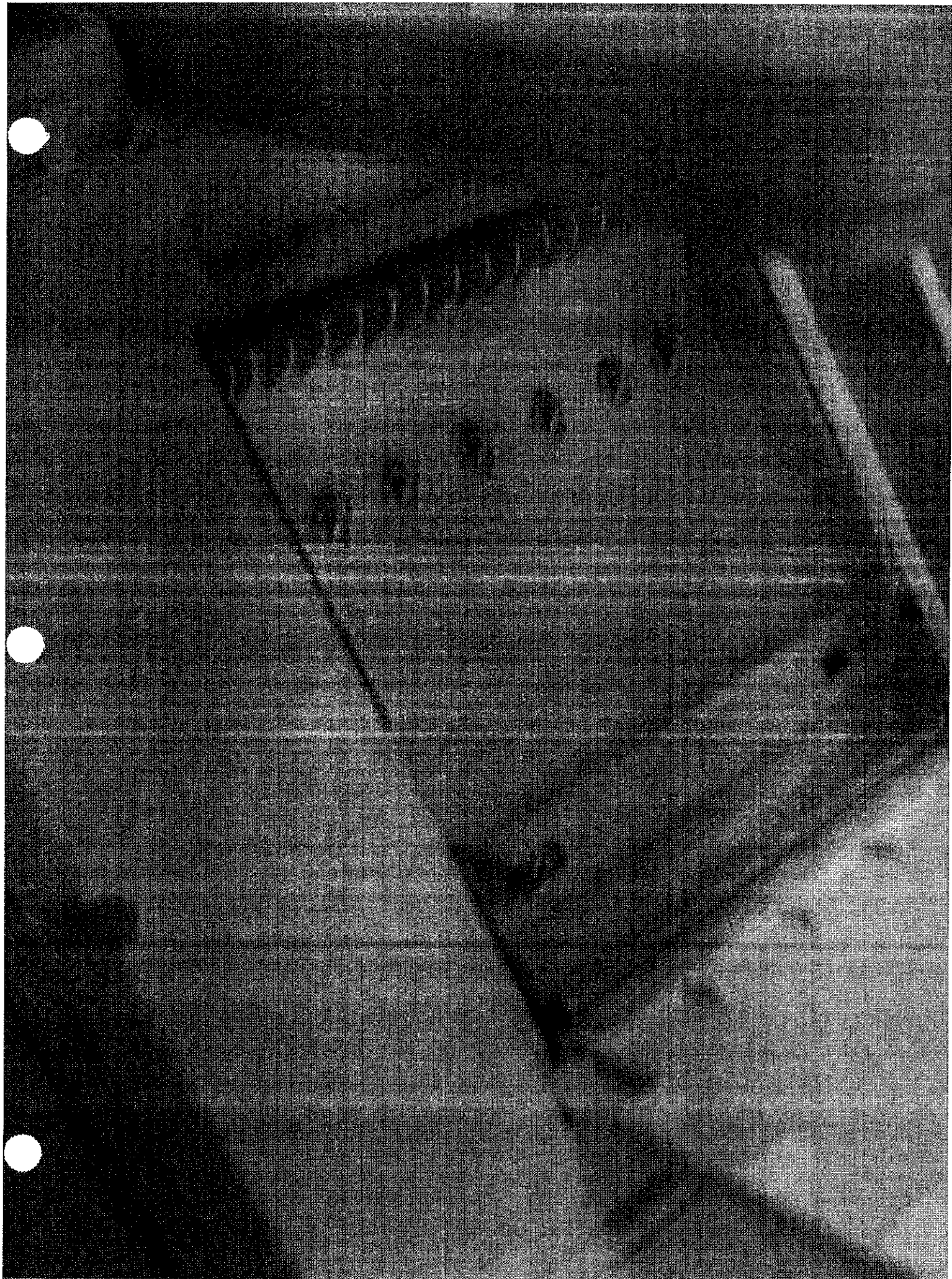


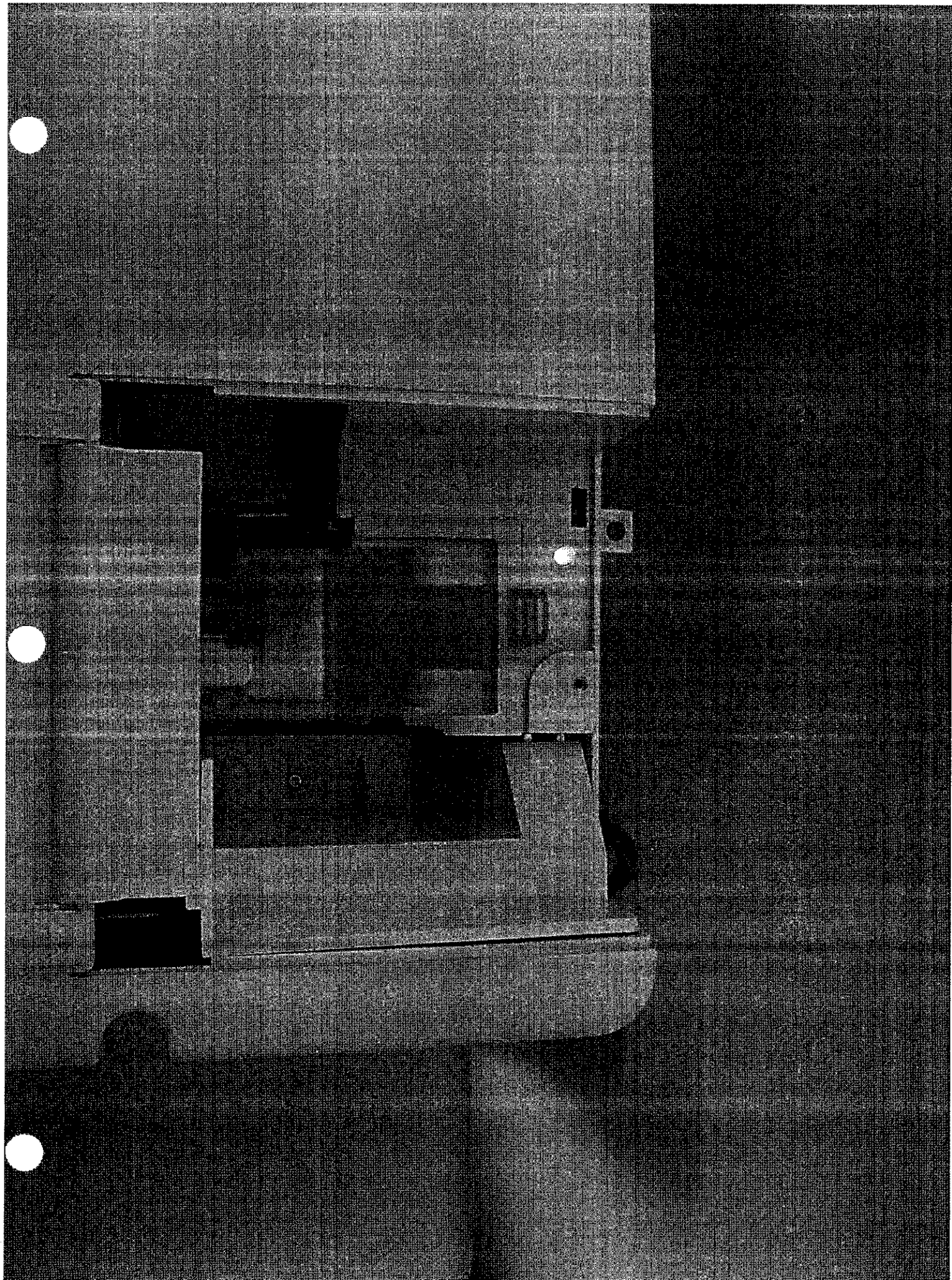


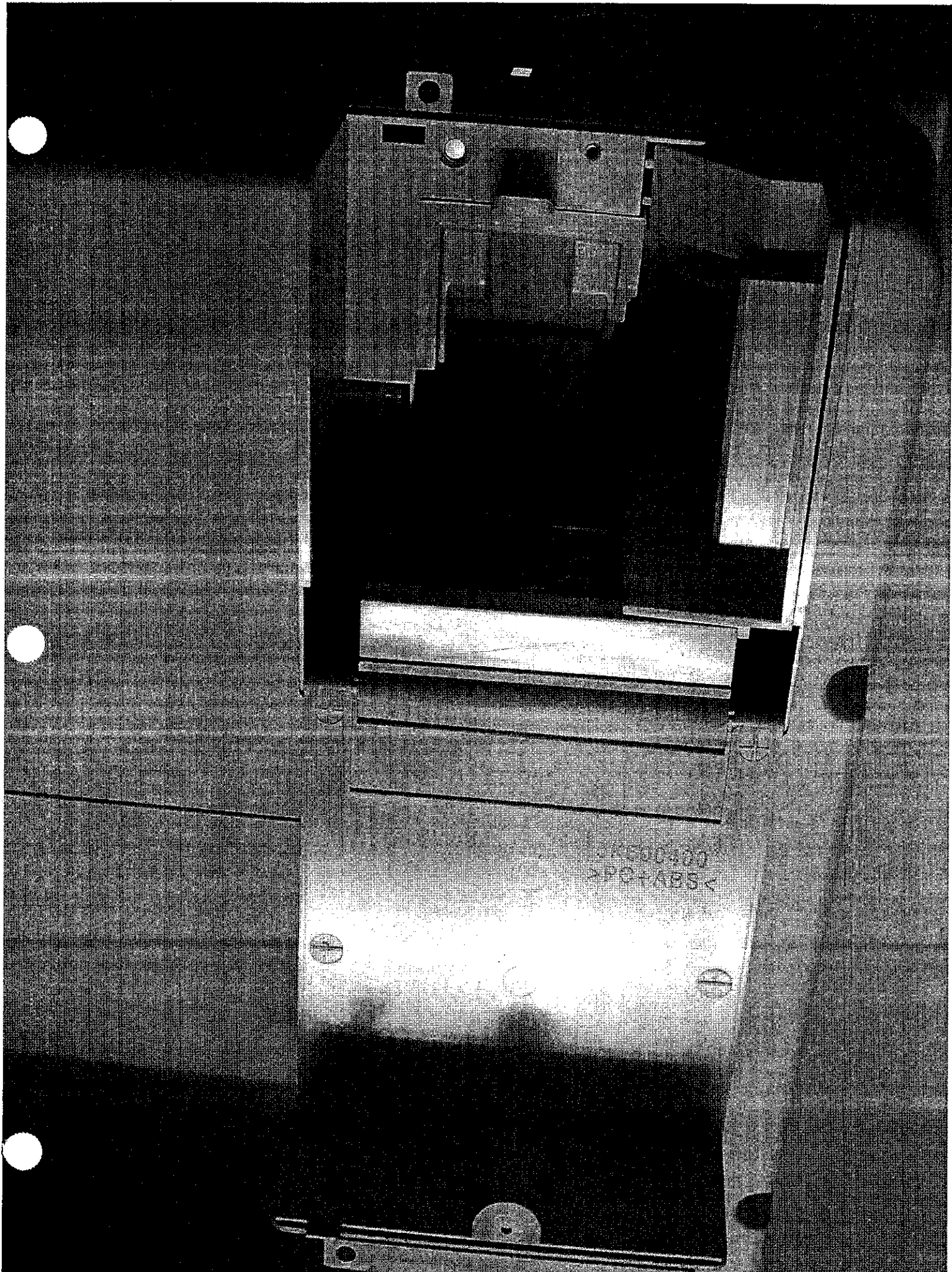




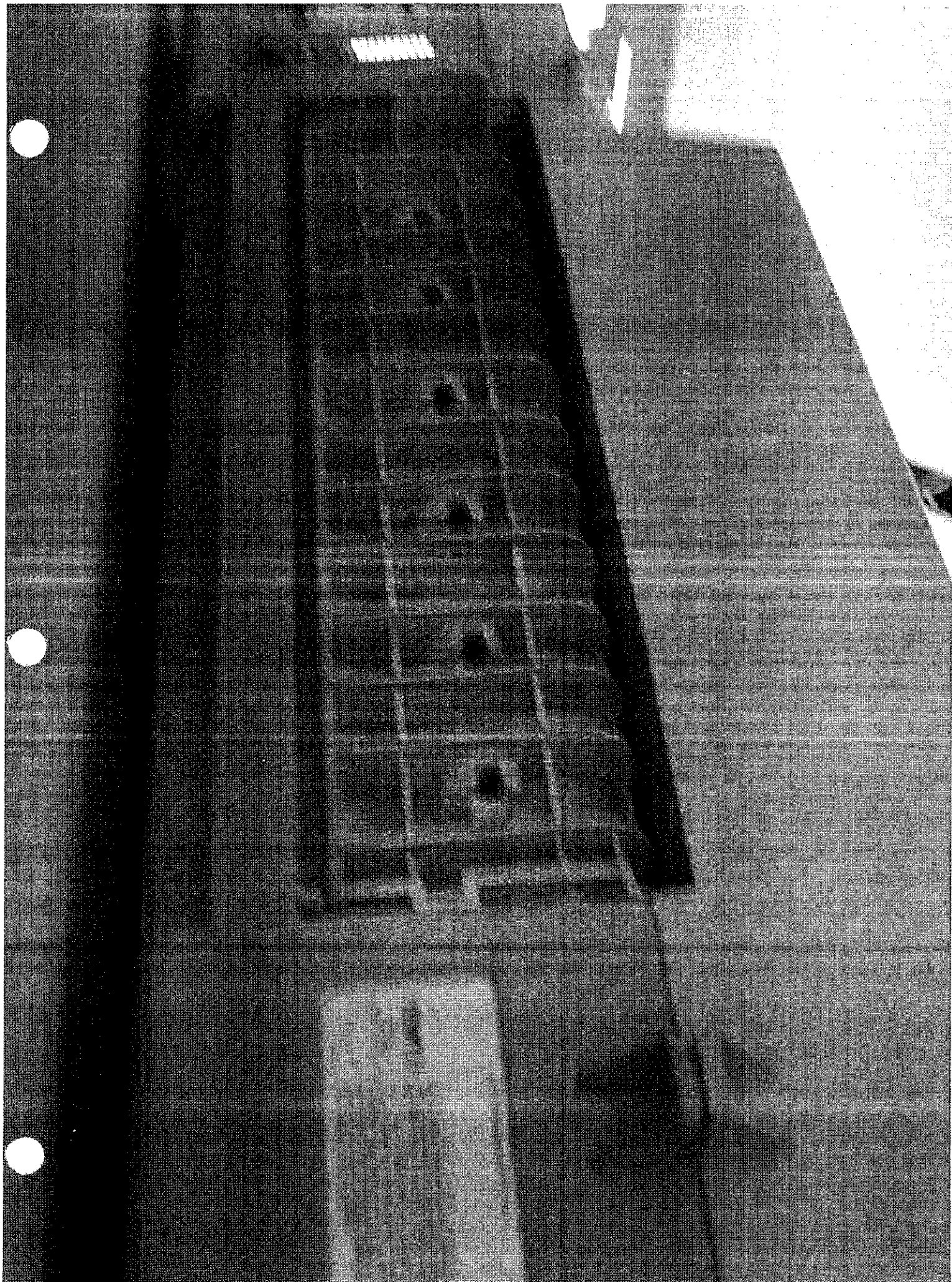


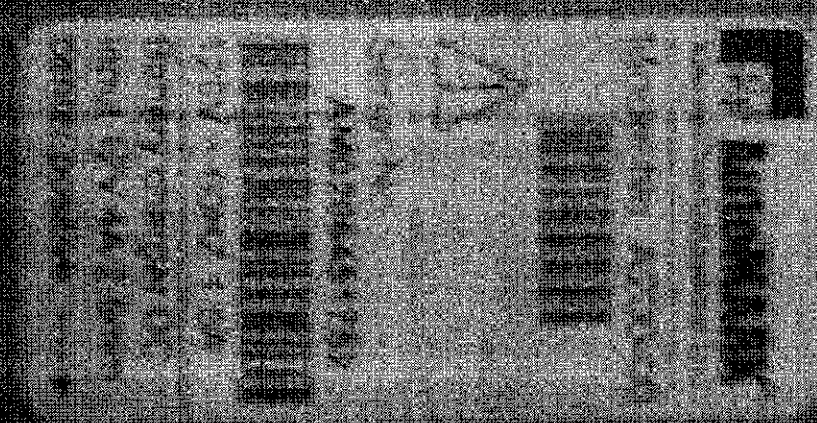






500480
>PO+KES<





State of Colorado
Department of State
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Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-ESS-001-0403**

Manufacturer:



Application Date: 04/03/2007

Test Number

CE7-P3 - 706

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-611(1)(f)(II)	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements: If the system uses a voting device: It permits the names of candidates and the text of issues to be printed on pages which are securely attached to the voting device, the pages to be securely locked in a metal frame or sealed to prevent tampering.	CE7-P3-706
Gross Reference 1		Test Date
		8/30/2007
Gross Reference 2		Test End Date/Time
		8/31/2007
Gross Reference 3		Test Type (D,F,B)
		Functional
		Eq. Type
		Amark
		Equipment Model
		Automark
		Serial number
		N/A
		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify that the voting device permits the names of candidates and text issues on pages which (where applicable) are secured to the voting device, or locked in a container as required herein to prevent tampering.

Prerequisites:

N/A

Test Procedures:

N/A

Variances Used During Testing:

N/A

Test Expected Outcome

The pages of ballot text are displayed and/or secured in such a manner as to prevent tampering.

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]

Voting

2007-CDOS-ESS-001-0403

CE7-P3 - 706

[illegible]

Attachments

Documents
(list all documents)

No ☐

Yes ☐

Videos
(list all videos)

No ☐

Yes ☐

Photos
(list all photos)

No ☐

Yes ☐

Acceptable Compensating Controls

Results Summary

This test is not applicable for this device.

Final Test Status

N/A
is not applicable for the

1st Review

Geneice Mathews

Printed name

2nd Review

Jerome Louito

Printed name

Supervisor Approval

John Gardner

Printed name


Signature

3-4-07
Date

James L. Foster
Signature

9/13/54
Date


Signature

Date 9/18/07

Additional Observations and Findings

Observations:

This test is not applicable to this type of voting device.

Findings:

This test is not applicable for this device.

1st Review

Geneice Mathews

Printed name



Signature

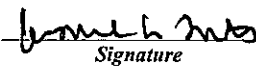
9-4-07

Date

2nd Review

Deanne Lento

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

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-ESS-001-0403**

Manufacturer: *ESS*

Application Date: *04/03/2007*

Test Number

CE7-P3 - 707

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-611(1)(f)(III)	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements: If the system uses a voting device: It contains a protective counter with a register which cannot be reset, which shall register the cumulative total number of movements of the operating mechanism.	CE7-P3-707
		Test Date
		9/1/2007
		Test End Date/Time
		9/4/2007
Cross Reference 1		Test Type (D,F,B)
		Functional
		Eq Type
		Amark
Cross Reference 2		Equipment Model
		Automark
		Serial number
		AMO206450782
Cross Reference 3		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify that the protective (private) counter cannot be reset and increments with each vote. Additionally, the counter shall increment with each 'ballot' cast.

Prerequisites:

DB7-P3-710

Test Procedures:

Use test setup and programming from DB7-P3-710. N/A
Document findings of using the system.

Variances Used During Testing:

N/A

Test Expected Outcome

The device private counter is not re-setable and does increment as each vote is cast.

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:

The voting system does not provide a counter which increments for ballots processed by the device.

Findings:

The voting system does not provide a counter for ballots processed.

1st Review

Geneice Mathews

Printed name



Signature

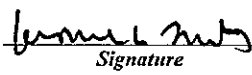
9-5-07

Date

2nd Review

Deanne Lantz

Printed name



Signature

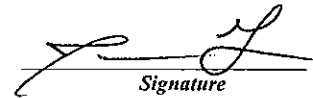
9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

Date

State of Colorado
Department of State
1700 Broadway
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Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-ESS-001-0403**

Manufacturer:

 ESS

Application Date:

04/03/2007

Test Number

CE7-P3 - 708

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-611(1)(f)(IV)	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements: If the system uses a voting device: It is capable of providing printouts of vote totals by office and candidate or by ballot issue, including a numeric-only printout to be used for testing as provided in section 1-7-509.	CE7-P3-708
		Test Date
		8/30/2007
		Test End Date/Time
		8/31/2007
		Test Type (D,F,B)
		Functional
		Eq Type
		Amark
		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S
Gross Reference 1		
Gross Reference 2		
Gross Reference 3		

Purpose:

The purpose of this test is to verify that the voting device shall print vote totals by office, candidate and/or ballot issue as required herein.

Prerequisites:

N/A

Test Procedures:

N/A

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system does provide reports and printouts of vote totals by:

1. Office and Candidate;
2. Ballot Issue;
3. Includes a numeric-only printout for L&A; and

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]

4/29/2014

Documents
(list all documents)

No

Yes ☐

Videos
(list all videos)

No

☒

Yes ☐

7

Photos
(list all photos)

No

Yes ☐

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Acceptable Compensating Controls

Results Summary

Final Test Status

The test is not applicable for this voting device.

N/A

1st Review

Geneice Mathews

Printed name

2nd Review

Jerome Lento

Printed name

Supervisor Approval

John Gardner


Printed name _____


Signature

9-4-67
Date

Signature

9/13/07
Date


Signature

9/15/07
Date

Additional Observations and Findings

Observations:

N/A

Findings:

This test is not applicable for this device, the Automark unit does not capture vote totals.

1st Review

Geneice Mathews

Printed name



Signature

9-4-07

Date

2nd Review

Jerome Lovato

Printed name



Signature

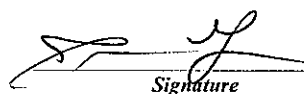
9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/13/07

Date

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Mike Coffman
Secretary of State

Holly Lowder
Director of Elections

CDOS Certification Number: **2007-CDOS-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 709

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(b)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: Permits each elector to vote for all offices for which the elector is lawfully entitled to vote and no others, to vote for as many candidates for an office as the elector is entitled to vote for, and to vote for or against any ballot question or ballot issue on which the elector is entitled to vote.	CE7-P3-709
		Test Date
		8/30/2007
		Test End Date/Time
		8/31/2007
		Test Type (D,F,B)
		Functional
		Eq Type
		Amark
		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S

Purpose:

The purpose of this test is to ensure that the DRE can tabulate the votes as required herein.

Prerequisites:

DB7-P3-701

DB7-P3-701 → 202
703

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

Voting system allows the casting of votes for races that the voter is entitled to vote and restricts others that the voter is not entitled to vote on.

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]

Voting

CE7-P3 - 709

[illegible]

<i>Attachments</i>					
<i>Documents</i> <i>(list all documents)</i>	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	<i>Videos</i> <i>(list all videos)</i>	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
			DB7-P3-701		
				<i>Photos</i> <i>(list all photos)</i>	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>

Acceptable Compensating Controls

Results Summary

The voting system does not meet the requirements.

Final Test Status

FAIL

1st Review

Geneice Mathews

Printed name


Signature

9-4-07
Date

2nd Review

Sevone Lohuto

Printed name

Signature

9/13/07
Date

Supervisor Approval

John Gardner

Printed name

Signature

9/15/24
Date

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name

Signature

9.4.07

Date

2nd Review

Deanne Lounds

Printed name

Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name

Signature

9/15/07

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 710

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(c)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: Permits each elector to verify his or her votes privately and independently before the ballot is cast.	CE7-P3-710
		Test Date
		9/1/2007
		Test End Date/Time
		9/4/2007
Gross Reference 1		Test Type (D/F/B)
		Functional
Gross Reference 2		Eq Type
		Amark
Gross Reference 3		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify that the voting device allows for electors to verify their choices privately and independently before the ballot is cast.

Prerequisites:

DB7-P3-710
CE7-P3-714 → j4.

Test Procedures:

Use test setup and programming from DB7-P3-710.
Document findings of using the system.

Variances Used During Testing:

N/A

Test Expected Outcome

Voting system allows voter verification of ballot before votes are cast.

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:

See notes in findings, the voting system does not in general provide privacy. See also photos. The voting system provides a review screen to voters, but does not present the ballot/race header information to ensure the correct race is being reviewed and modified.

Findings:

The voting system fails to meet the test requirements. The voting device does not in general provide privacy (see test CE7P3-___) and does not present ballot information correctly to voters to verify their ballot. CE7-P3-724

1st Review

Geneice Mathews

Printed name

Signature

9-5-07

Date

2nd Review

Jenove Louito

Printed name

Signature

9/13/07

Date

Supervisor Approval

John Gardner

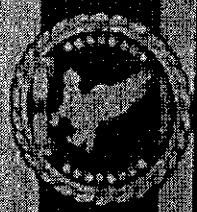
Printed name

Signature

9/15/07

Date

CEJ-P3-710



ES&S
Anomark

Summary of Selections

Your selections for each contest are indicated below. To change your selections, push the button representing that contest. To confirm your selections and mark your ballot, touch "NEXT" at the bottom of the screen.

<p>SHALL CITY TAXES BE INCREASED \$26.975</p> <p>•No Selection Made</p>	<p>SHALL CITY TAXES BE INCREASED \$26.975</p> <p>•No Selection Made</p>
<p>CITIZEN INITIATED ORDINANCE NO. 1 20</p> <p>•No Selection Made</p>	<p>CITIZEN INITIATED ORDINANCE NO. 1 20</p> <p>•No Selection Made</p>

...selection made
...selection made
...selection made


...selection made
...selection made
...selection made

shall the town of Golden adopt the fo
•No Selection Made


SHALL GOLDEN PUBLIC SCHOOLS
L D



BACK

 ZOOM IN/OUT

PDF RECOGNITION

HIGH CONTRAST 

NEXT



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Shall Ordinance #42, Series of 2003.

Shall the Town of Golden adopt the To



FS885
Auto

If approved, the County shall be authorized to mail only one set of TABOR election notices per TABOR election to each mailing address of one or more registered electors. In general, for coordinated elections, the TABOR election notice shall generally be forwarded to the County clerk to be included with these TABOR notices from other jurisdictions in the election. If the County shall mail one notice or set of TABOR election notices to each address of one or more registered electors. By mailing only one set of TABOR election notices instead of two now required due to different mailing dates set forth in the County Annual and Corporate Constitution, the county shall save approximately \$30,000 per TABOR election.



YES

NO

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-ESS-001-0403**

Manufacturer:

 ESS

Application Date:

04/03/2007

Test Number

CE7-P3 - 711

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-611(1)(b)	No nonpunch card electronic voting system shall be purchased, leased, or used unless it fulfills the following requirements It permits each elector to write in the names of eligible candidates not appearing on the printed ballot, to vote for as many candidates for an office as there are vacancies for which the elector is entitled to vote, and to vote for or against any ballot issue upon which the elector is entitled to vote.	CE7-P3-711
		Test Date
		8/30/2007
		Test End Date/Time
		8/31/2007
Cross Reference 1		Test Type (D.F.B)
		Functional
		Eq type
		Amark
Cross Reference 2		Equipment Model
		Automark
		Serial number
		AMO206450782
Cross Reference 3		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify that the voting device allows for the inclusion of write-in names and as many races as allowed as required herein.

Prerequisites:

DB7-P3-701

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system will allow for:

1. Write-in designation for candidates not appearing on ballot;
2. Vote only for as many candidates as allowed.
3. Vote for or against ballot issues.

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

CE7-P3 - 711

[illegible]

Attachments

Documents
(list all documents)

No ☒

Yes ☐

Videos
(list all videos)

No ☐

Yes ☒

Photos
(list all photos)

No ☒

Yes ☐

DB7-P3-701

Acceptable Compensating Controls

Results Summary

The voting system does not meet the requirements.

Final Test Status

FAIL

1st Review

Geneice Mathews

Printed name


Signature

9.4.07
Date

2nd Review

Jerome Lowito

Printed name


James C. Sutor
Signature

9/13/57
Date

Supervisor Approval

John Gardner

Printed name


Signature

9/15/07
Date

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

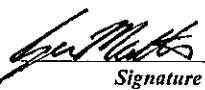
Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name


Signature

8-4-07
Date

2nd Review

Jerome Louie

Printed name


Signature

9/13/07
Date

Supervisor Approval

John Gardner

Printed name


Signature

9/15/07
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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 712

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2007-CDOS-ESS-001-0403		Test Number
Rule or Statute 1-5-615(1)(e)(I)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: If the elector overvotes it notifies the elector before the ballot is cast that the elector has overvoted.	CE7-P3-712
		Test Date 8/30/2007
		Test End Date/Time 8/31/2007
Cross Reference 1		Test Type (D,F,B) Functional
		Eq. Type Amark
Cross Reference 2		Equipment Model Automark
		Serial number AMO206450782
Cross Reference 3		Manufacturer ES & S

Purpose:

The Purpose of this test is to verify that the voting device will notify a voter of an overvote before the vote is cast.

Prerequisites:

DB7-P3-701
 DB7-P3-701-1

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system device will notify the voter of an overvote before the vote is cast.

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.


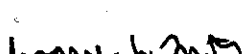
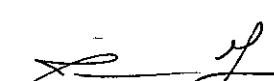
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[illegible]

Attachments								
Documents (list all documents)	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	Videos (list all videos)	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Photos (list all photos)	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>
			DB7-P3-701					

Acceptable Compensating Controls

<i>Results Summary</i>	<i>Final Test Status</i>
The voting system does not meet the requirements.	FAIL

1st Review		2nd Review		Supervisor Approval	
Geneice Mathews		Jerome Lomto		John Gardner	
Printed name		Printed name		Printed name	
	9-4-07		9/13/07		9/13/07
Signature	Date	Signature	Date	Signature	Date

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

9-4-07
Date

2nd Review

Jessie Loucks

Printed name


Signature

9/13/07
Date

Supervisor Approval

John Gardner

Printed name


Signature

9/15/07
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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 713

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<i>Rule or Statute</i>	2007-CDOS-ESS-001-0403	<i>Test Number</i>
45.5.2.3.21(b)	The voting system shall provide capabilities to enforce confidentiality of voters' ballot choices. All DRE devices shall provide randomization of all voter choices and stored, electronic ballot information, regardless of format, to prevent disclosure of voters' confidential ballot choices during and after storage of the voters' ballot selections.	CE7-P3-713
		<i>Test Date</i>
		9/7/2007
		<i>Test End Date/Time</i>
		9/8/2007
<i>Cross Reference 1</i>		<i>Test Type (D/E/B)</i>
		Functional
<i>Cross Reference 2</i>		<i>Eq. Type</i>
		Amark
		<i>Equipment Model</i>
		Automark
<i>Cross Reference 3</i>		<i>Serial Number</i>
		AMO206450782
		<i>Manufacturer</i>
		ES & S

Purpose:

The purpose of this test is to verify that the DRE stores electronic vote records in a randomized method to prevent disclosure of voters' choices as required herein.

Prerequisites:

DB7-P3-710

Test Procedures:

Document the devices' storage of electronic votes after voting/testing.

Variances Used During Testing:

N/A

Test Expected Outcome

Voting systems shall store all vote records from DRE devices in random order.

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]

Attachments					
Documents (list all documents)	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Videos (list all videos)	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>
See attached.					Photos (list all photos)
					No <input checked="" type="checkbox"/>
					Yes <input type="checkbox"/>

Acceptable Compensating Controls

Results Summary	Final Test Status
The test is not applicable to this voting system.	N/A

1st Review		2nd Review		Supervisor Approval	
Geneice Mathews		Jerome Lwinto		John Gardner	
Printed name		Printed name		Printed name	
	4.12.07		4/13/07		4/15/07
Signature	Date	Signature	Date	Signature	Date

Additional Observations and Findings

Observations:

See attached screen shot and document from the Jurisdiction Guide VAT 1.1.pdf. The voting system maintains log files on the electronic media, but does not store any voting data.

Findings:

This test is not applicable for the voting device.

1st Review

Geneice Mathews

Printed name




Signature

Date

2nd Review

Serene Loubato

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

Date

File Edit View Favorites Tools Help

Back Forward Stop Search Folders

Address F:\

Go

Name	Size	Type	Date Modified
OP.ELF	20 KB	ELF File	9/6/2007 5:06 PM
OPSTRING.ELF	7 KB	ELF File	9/6/2007 5:03 PM
amu.txt	8 KB	Text Document	9/6/2007 5:02 PM
SCAN.ELF	2 KB	ELF File	9/6/2007 2:18 PM
SERVICE.ELF	1 KB	ELF File	9/5/2007 10:47 AM
ElectionData		File Folder	9/4/2007 11:58 AM

File and Folder Tasks

- Make a new folder
- Publish this folder to the Web
- Share this folder

Other Places

- My Computer
- My Documents
- Shared Documents
- My Network Places

Details

TOSHIBA256M (F:)
Removable Disk
File System: FAT

Start

Wind...

ESS C...

Search...

2007

Use t...

Run...

Info...

RTA...

Units...

9:19 AM

Unable to Set Abort Get Ovals Event.

SCANNERPRINTERLIBRARY.DLL logs this when unable to start an event.

No scanner image saved.

SCANNERPRINTERLIBRARY.DLL logs this when SCANDRIVER.DLL failed to store a RAM file bitmap.

Could not open I2C port

NONVOLATILELIBRARY.DLL logs this when the I2C OS resource could not be opened.

Read I2C Error ...

NONVOLATILELIBRARY.DLL logs this during an I2C NV EEPROM read error.

Could not get EEPROM data!

NONVOLATILELIBRARY.DLL logs this during an NV EEPROM read error.

Could not put EEPROM data!

NONVOLATILELIBRARY.DLL logs this during an NV EEPROM write error.

Bad CRC32 in Bank ... of EEPROM

Indicates corruption in one of the NV EEPROM banks. Here are the meanings of the bank numbers:
bank 2: ballot type, scanner calibration data
bank 3: maintenance password
bank 4: unlock code, printer angle calibrations
bank 5: manufacturer's data
bank 6: firmware revision, hardware revision
bank 7: print count, dot count, printer calibrations, serial number

Operation Log Corrupt!

AUTOMARK.DLL logs this when OPERATIONLOGGER.DLL detects that the OP.ELF file on the compact flash card is corrupted.

Write-in length error.

AUTOMARK.EXE logs this if the value specified in AIM's for write-in length caused an illegal value to be computed in the GUI.

to 50% relative humidity. For storage, facility temperature range should be -4° F to 140° F and moisture range should be 10% to 85% relative humidity.

6.5 Test Mode Maintenance Procedures

The following procedures are performed while the AutoMARK VAT is in TEST MODE, and must be performed by an authorized election official.

6.5.1 Printing the Operation Log (System Log File)

The Operation Log is used to view all signification operations that have occurred on the machine. The log entries are stored in a circular buffer on the Flash Card which will hold the most recent 277,777 entries.

NOTE: The Operation Log information is stored on the Flash Card. If you insert a different Flash Card from the original one in the system, then the data contained in the Operation log will also change. For example, the total number of Ballots log entry will change if you insert a different Flash Card. Before using a flash card on a different system, be sure to erase the entire contents of the flash card so that system oriented files, such as the Operation Log information, are deleted.

Follow the steps below to print the Operation Log.



1. Enter the Test Mode screen by turning the key switch to **Test**.
2. The **AutoMARK Main Menu** Screen will display
3. Press the **Operations Log** button. A text box with the operations log inside it displays.
4. Press the **Up** button to scroll one screen up, or press the **Down** button to scroll one screen down. Or, you can advance the display to show a particular page by touching the text box under "Go to page:". A number keypad will be displayed. Press the numbers for the page you wish to display.
5. To print this log on completely blank ballot stock paper, press the **Print** button. The screen displays *Insert blank paper*. (Ballot stock is between 80 and 110 pound index stock. Ballot stock is slightly heavier than normal paper and less likely to jam.)
6. Insert a sheet of completely blank ballot stock paper.
7. After inserting the paper, the machine automatically begins printing the operation log, 66 lines per page. If there are more than 132 entries in the operation log, you will need several pages.
8. After the page has been ejected from the machine, if the message *insert another blank sheet of paper* appears, insert another page. Repeat this process until the message *printing done* appears.
9. Exit Test Mode by turning the key switch.

The following is a list of possible Operation Log entries:

System Powered On

Serial Number xxxxxx Build xxx

This entry indicates the system was powered on, and gives the Serial Number and Build number.

System Shutdown OK

This entry indicates the system was shut down using the key switch.

Keyswitch Test Mode

This entry indicates the key switch was used to enter test mode.

Keyswitch Run Mode

This entry indicates the key switch was used to enter run mode.

Hour Print Report

Total Printed: XXX

This entry is added when the machine is booted and once per hour during normal operation. It lists the total number of ballots printed on the VAT (lifetime count).

Printer Calibration

X=XXX

Y=XXX

Angle=XXX

This entry indicates that the printer has been calibrated through the Test Mode Printer Calibration feature, and gives the X, Y, and Angle settings made.

Unrecognized Ballot

This entry indicates that an unrecognizable ballot was inserted.

Ballot Marked Successful

This entry indicates that a ballot was printed.

Ballot Returned Unmarked

This entry indicates that a ballot was inserted, but ejected before it was printed.

Test Print Successful

This entry indicates that a ballot was printed using the Test Print feature of Test Mode.

Printer Malfunction

Failed to Verify
Paper Jam
Paper Too Short
This entry indicates that there was a printer malfunction, and the reason.

Printer Low On Ink

This entry indicates that the printer is running low on ink.

Printer Ink Used Up

This entry indicates that the ink cartridge should be immediately changed.

Scanner Malfunction

Top Scanner
Bottom Scanner
PV Scanner
Scanners/PEB
This entry indicates that there was a scanner malfunction, and indicates which scanner was involved.

Paper Misfeed

This entry indicates that the ballot was not inserted correctly.

No Election Data

This entry indicates that no election data was found.

CF Card Access Failure

This entry indicates that the system was unable to read the data on the compact flash memory card.

Loaded Ballot Id xxxx

This entry indicates that election data for a specified ballot was loaded.

Marked Ballot Inserted

This entry indicates that a ballot which has already been marked was inserted into the VAT.

Unit Locked Time Out

This entry indicates that the user (voter) did not take action within a preset amount of time.

Battery Low

This entry indicates that the battery power is low – a new battery will be needed soon.

Log File
This function allows you to display the internal log file
and error events.

View Scan Log

View Se

9/5/2007 11:28:22 1 Overflow on scanner 0 (80)
9/5/2007 10:51:58 1 Overflow on scanner 0 (80)
9/5/2007 10:47:48 1 Truncation on scanner 1 (81)
9/5/2007 10:47:39 1 Truncation on scanner 1 (81)
9/5/2007 10:47:29 1 Truncation on scanner 1 (81)
9/5/2007 10:47:19 1 Truncation on scanner 1 (81)
9/5/2007 10:47:10 1 Truncation on scanner 1 (81)
9/5/2007 10:31:44 Both sides unrecognized (00)
9/5/2007 10:30:49 Both sides unrecognized (00)
9/4/2007 15:18:59 1 Overflow on scanner 0 (80)

AutoMARK Main Menu

Eject Ballot

Operations Log

Test Ballot Print

Battery Status

Display Software Versions

Calibrate Touch Screen

Service Print Cartridge

Unlock Flash Card

Printer Calibration

System Maintenance

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 714

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<i>Rule or Statute</i>	2007-CDOS-ESS-001-0403	<i>Test Number</i>
1-5-615(1)(e)(III)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: If the elector overvotes it gives the elector the opportunity to correct the ballot before the ballot is cast.	CE7-P3-714
		<i>Test Date</i> 8/30/2007
		<i>Test End Date/Time</i> 8/31/2007
<i>Cross Reference 1</i>		<i>Test Type (D,F,B)</i> Functional
		<i>Eq. Type</i> Amark
<i>Cross Reference 2</i>		<i>Equipment Model</i> Automark
		<i>Serial number</i> AMO206450782
<i>Cross Reference 3</i>		<i>Manufacturer</i> ES & S

Purpose:

The purpose of this test is to verify that the system allows for changes to ballots being cast by the voter.

Prerequisites:

Instructions to voting system vendors.

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system will allow a correction of the ballot to rectify the overvote before the ballot is cast.

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:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

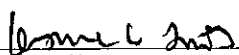
9-4-07

Date

2nd Review

Jerome Lento

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/18/07

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 715

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(f)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: Does not record a vote for any office, ballot question, or ballot issue that is overvoted on a ballot cast by an elector.	CE7-P3-715
		Test Date
		8/30/2007
		Test End Date/Time
		8/31/2007
		Test Type (D,F,B)
		Functional
		Eq Type
		Amark
		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S
Cross Reference 1		
Cross Reference 2		
Cross Reference 3		

Purpose:

The purpose of this test is to verify that the system tabulates the total number of votes as required herein.

Prerequisites:

Instructions to voting system vendors.

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system will not count an overvote for any office, ballot question, or ballot issue.

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:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name

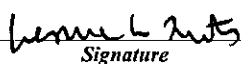

Signature

9-11-07
Date

2nd Review

Jenne Louto

Printed name

 9/13/07
Signature Date

Supervisor Approval

John Gardner

Printed name

 9/15/07
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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 716

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(g)	<p>No electronic or electromechanical voting system shall be certified by the secretary of state unless such system:</p> <p>For electronic and electromechanical voting systems using ballot cards, accepts an overvoted or undervoted ballot if the elector chooses to cast the ballot, but it does not record a vote for any office, ballot question, or ballot issue that has been overvoted.</p>	CE7-P3-716
		Test Date
		8/30/2007
		Test End Date/Time
		8/31/2007
		Test Type (D.F.B)
Cross Reference 1		Functional
		Eq Type
		Amark
Cross Reference 2		Equipment Model
		Automark
		Serial number
Cross Reference 3		AMO206450782
		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify that the system tabulates the total number of votes as required herein.

Prerequisites:

Instructions to voting system vendors.

DB7-P3-701

DB7-P3-703 j.r.

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome:

The voting system will accepted the ballot for an overvote/undervote condition if chosen by the voter, but does not record a vote on any office, ballot question, or ballot issue that was overvoted/undervoted.

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]

CE7-P3 - 716

[illegible]

--

DB7-P3-701

Acceptable Compensating Controls

Results Summary

Final Test Status

The voting system does not meet the requirements.

FAIL

1st Review

Geneice Mathews

Printed name


Signature

5-4-57
Date

2nd Review

Jerome Lovato

Printed name

Barbara L. Zinter
Signature

9/13/07
Date

Supervisor Approval

John Gardner

Printed name

Signature 9/15/07 Date

9/15/07
Date

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

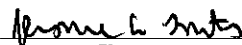
9.4.07

Date

2nd Review

Denise Lando

Printed name



Signature

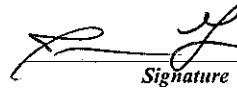
9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 717

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(l)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: Counts votes correctly.	CE7-P3-717
		Test Date 8/30/2007
		Test End Date/Time 8/31/2007
		Test Type (D.F.B.) Functional
		Eq. Type Amark
		Equipment Model Automark
		Serial number AMO206450782
		Manufacturer ES & S
Gross Reference 1		
Gross Reference 2		
Gross Reference 3		

Purpose:

The purpose of this test is to verify that the system tabulates the total number of votes as required herein.

Prerequisites:

Instructions to voting system vendors.

DB7-P3-701

DB7-P3-703 JLL

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

The voting system will count votes correctly. Note specifically any decks of ballots used for determination.

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]

Attachments		
Documents (list all documents)	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	Videos (list all videos)
		No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>
		Photos (list all photos)
		No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
DB7-P3-701		


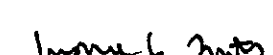

Acceptable Compensating Controls

Results Summary

The voting system does not meet the requirements.

Final Test Status

FAIL

1st Review		2nd Review		Supervisor Approval	
Geneice Mathews		Jerome Loxton		John Gardner	
Printed name		Printed name		Printed name	
	3-4-07		9/13/07		9/15/07
Signature	Date	Signature	Date	Signature	Date

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

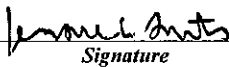
9.4.07

Date

2nd Review

Denise Lanto

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 718

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Rule or Statute 1-5-615(1)(m)	2007-CDOS-ESS-001-0403	Test Number CE7-P3-718
	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: Can tabulate the total number of votes for each candidate for each office and the total number of votes for and against each ballot question and ballot issue for the polling place.	Test Date 8/30/2007
		Test End Date/Time 8/31/2007
Cross Reference 1		Test Type (D/F/B) Functional
		Eq Type Amark
Cross Reference 2		Equipment Model Automark
		Serial number AMO206450782
Cross Reference 3		Manufacturer ES & S

Purpose:

The purpose of this test is to verify that the system tabulates the total number of votes as required herein.

Prerequisites:

Instructions to voting system vendors.

DB7-P3-701

DB7-P3-703 → j.ch

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A




Test Expected Outcome

The voting system will tabulate the total number of votes for each candidate for each office and the total number of votes for and against each ballot question and ballot issue for the polling place.

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]

1st Review		2nd Review		Supervisor Approval	
Geneice Mathews		Serome Lowuto		John Gardner	
Printed name		Printed name		Printed name	
	3-4-07		2/13/07		7/15/07
Signature	Date	Signature	Date	Signature	Date

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

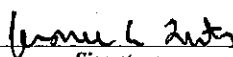
9-4-07

Date

2nd Review

Donna Lento

Printed name



Signature

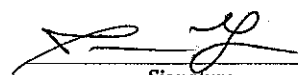
9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 719

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(n); 45.5.2.1.8(c)(iii)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: Can tabulate votes from ballots of different political parties at the same polling place in a primary election.	CE7-P3-719
		Test Date 8/30/2007
		Test End Date/Time 8/31/2007
		Test Type (D,I,F,B) Functional
		Eq. Type Amark
		Equipment Model Automark
		Serial Number AMO206450782
		Manufacturer ES & S
Gross Reference 1		
Gross Reference 2		
Gross Reference 3		

<p><u>Purpose:</u></p> <p>The purpose of this test is to verify that the system tabulates the total number of votes as required herein.</p>	<p><u>Prerequisites:</u></p> <p>Instructions to voting system vendors. DB7-P3-701 DB7-P3-703 262</p>
<p><u>Test Procedures:</u></p> <p>Document findings of processing ballots on the Automark system.</p>	<p><u>Variances Used During Testing:</u></p> <p>N/A</p>
<p><u>Test Expected Outcome</u></p> <p>The voting system will tabulate votes from ballots of different political parties at the same polling place in a primary election.</p>	




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]

Attachments		
Documents <i>(list all documents)</i>	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	Videos <i>(list all videos)</i>
	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	Photos <i>(list all photos)</i>
	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	
Acceptable Compensating Controls		

Results Summary		Final Test Status
The voting system does not meet the requirements.		FAIL

1st Review		2nd Review		Supervisor Approval	
Geneice Mathews		Serome Lousto		John Gardner	
Printed name		Printed name		Printed name	
 Signature		 Signature		 Signature	
3-12-07		9/13/07		9/15/07	
Date		Date		Date	

Additional Observations and Findings

Observations:

See notes on DB7-P3-701, and DB7-P3-703. Although the Automark unit does not tabulate votes, due to the errors in programming by the voting system vendor, and the issues with the ballots provided to the test board, the Automark device did not mark ballots appropriately for casting the paper ballot accurately.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name


Signature

7-12-07
Date

2nd Review

Serene Loubato

Printed name


Signature

9/13/07
Date

Supervisor Approval

John Gardner

Printed name


Signature

9/15/07
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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 720

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
35.1.3	The voting system shall provide a means for a voter to change the voter's selection prior to the voter casting the ballot.	CE7-P3-720
		Test Date
		9/1/2007
		Test End Date/Time
		9/4/2007
		Test Type (D,F,B)
		Functional
		Eq Type
		Amark
		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify that the DRE has a means for the voter to change his or her selection prior to casting a ballot.

Prerequisites:

DB7-P3-710

Test Procedures:

Use test setup and programming from DB7-P3-710. Document findings of using the system.

Variances Used During Testing:

N/A

Test Expected Outcome

The accessible component of the voting system will allow an elector to change the ballot selection before casting the ballot.

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:

See attached photos and video from DB7-P3-710. The voting system provides a review screen allowing voters to change a selection prior to casting a vote.

Findings:

The voting system meets the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

9-5-07

Date

2nd Review

Jerome Loucks

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name

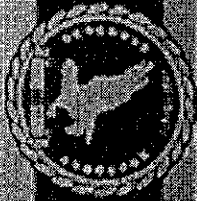


Signature

9/15/07

Date

CE7 -P3-720



ESRS
APPROPRIATE

Summary of Selections

Your selections for each contest are indicated below. To change your selections, touch the box representing that contest. To confirm your selections and mark your ballot, touch "NEXT" at the bottom of the screen.



SHALL CITY TAXES BE INCREASED

\$26,975...

•NO

STATE HOUSE OF REPRESENTATIVES

DISTR. 1

CITIZEN INITIATED ORDINANCE NO. 1,

20...

•NO

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 721

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<i>Rule or Statute</i>	2007-CDOS-ESS-001-0403	<i>Test Number</i>
45.5.2.1.9; 45.5.2.8.2(f); 31.1.15;	Voters voting on DRE devices shall be able to navigate through the screens without the use of page scrolling. Features such as next or previous page options shall be used.	CE7-P3-721
		<i>Test Date</i>
		9/1/2007
		<i>Test End Date/Time</i>
		9/4/2007
<i>Cross Reference 1</i>		<i>Test Type (D,F,B)</i>
		Functional
		<i>Eq. Type</i>
		Amark
<i>Cross Reference 2</i>		<i>Equipment Model</i>
		Automark
		<i>Serial number</i>
<i>Cross Reference 3</i>		AMO206450782
		<i>Manufacturer</i>
		ES & S

Purpose:

The purpose of this test is to verify that the DRE has controls to move between pages such as next or previous page. This also confirms that page scrolling is not necessary for the DRE.

Prerequisites:

DB7-P3-710

Test Procedures:

Use test setup and programming from DB7-P3-710. Document findings of using the system.

Variances Used During Testing:

N/A.


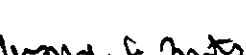

Test Expected Outcome

The accessible component of the voting system allows controls to page forward and page back without the need to scroll.

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]

1st Review		2nd Review		Supervisor Approval	
Geneice Mathews		Jerome Lando		John Gardner	
Printed name		Printed name		Printed name	
	9-5-07		9/13/07		9/15/07
Signature	Date	Signature	Date	Signature	Date

Additional Observations and Findings

Observations:

See attached photos and video from DB7-P3-710. The voting device uses page features of next and previous to navigate through the screens.

Findings:

The voting system meets the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

9-5-07

Date

2nd Review

Jamie Londo

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/15/07

Date

CE7-P3-721

 ZOOM IN/OUT

EXIT RETURN CANCEL

HIGH CONTRAST 

NEXT 

 **MARK**

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-ESS-001-0403**

Manufacturer: *ESS*

Application Date: *04/03/2007*

Test Number

CE7-P3 - 722

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
45.5.2.3.13(b)	All DRE voting devices shall use touch screen technology or other technology providing visual ballot display and selection. The voting system provider shall include documentation concerning the use of touch screen or other display and selection technology, including but not limited to: Technical documentation describing the nature and sensitivity of any other technology used to display and select offices, candidates, or issues;	CE7-P3-722
Cross Reference 1		Test Date
		9/1/2007
Cross Reference 2		Test End Date/Time
		9/4/2007
Cross Reference 3		Test Type (D-F-B)
		Functional
		Eq Type
		Amark
		Equipment Model
	Automark	
	Serial Number	
	N/A	
	Manufacturer	
	ES & S	

Purpose:

The purpose of this test is to verify that all DRE's use a method of sensitivity that matches the system documentation. Any discrepancies shall be recorded here.

Prerequisites:

Instructions for voting system vendor.

Test Procedures:

Verify the documentation provided by the voting system vendor.

Variances Used During Testing:

N/A

Test Expected Outcome

The accessible component of the voting system shall have sensitivity of tactile input that matches documentation to display and select offices, candidates, or issues.

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]

No

☒

Yes

9

No

☒

Yes

7

No

庚

Yes

4

Additional Observations and Findings

Observations:

The voting system provider did not supply the proper documentation to meet this requirement.

Findings:

The voting system does not meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

7-5-07

Date

2nd Review

Jerome Lovato

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name



Signature

9/13/07

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

Test Number

CE7-P3 - 723

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Rule or Statute 45.5.2.3.14(b)	2007-CDOS-ESS-001-0403	Test Number CE7-P3-723
	The voting system shall contain a control subsystem that consists of the physical devices and software that accomplish and validate the following operations: Error Detection – the voting system shall contain a detailed list and description of the error messages that will appear on the voting devices, the controller (if any), the paper ballot printer, programmer, or any other device used in the voting process to indicate that a component has failed or is malfunctioning.	Test Date 9/5/2007
		Test End Date/Time 9/6/2007
Cross Reference 1		Test Type (D,F,B) Doc and Funct
		Eq Type Amark
Cross Reference 2		Equipment Model Automark
		Serial Number AMO206450782
Cross Reference 3		Manufacturer ES & S

Purpose:

The purpose of this test is to verify that the voting system shall provide error messages that match the documentation provided by the vendor as required herein.

Prerequisites:

N/A

Test Procedures:

Document error messages received and error messages in documentation.

Variances Used During Testing:

N/A

Test Expected Outcome

Any errors discovered will be supported by documentation.

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...

2007-CDOS-ESS-001-0403

Test Number

CE7-P3 - 723

Test Log

Journalites and Entries

Incident Reports

[illegible]

Arachnids

Documents
(list all documents)

No ☐

Yes ☒

Videos
(list all videos)

No ☐

Yes ☒

Photos
(list all photos)

No ☐

Yes ☒

See attached

See video from Camera 3 on 9/5

See attached

Acceptable Compensating Controls

Results Summary

Final Test Status

The voting system fails to meet the requirements.

FAIL

1st Review

2nd Review

Supervisor Approval

Geneice Mathews

Jerome Lobato

John Gardner

Printed name

Printed name _____

Printed name

Signature

Date _____

Signature

Date _____

Signature

Date _____

Additional Observations and Findings

Observations:

See attached document and photographs. The error messages documented are not listed in the Automark documentation for pollworker handling. Additionally, each case of errors involving printing and/or ballots involves the pollworker removing the ballot from the insides of the device (see video) exposing how the voter voted in every case of the error message in the photographs.

Findings:

The voting system fails to meet the test requirements.

1st Review

Geneice Mathews

Printed name



Signature

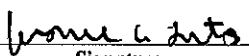
5-7-07

Date

2nd Review

Senone Loudo

Printed name



Signature

9/13/07

Date

Supervisor Approval

John Gardner

Printed name




Signature

9/13/07

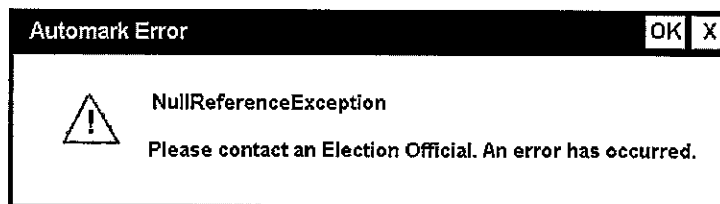
Date

3.4 Error Messages

Error messages are displayed on the touch screen monitor when AutoMARK VAT detects a critical condition that requires operator intervention to correct the problem before the selection process can be continued.

The international symbol  may accompany various error messages. These messages may or may not be translated into the voter's native language. For this reason, the Jurisdiction may wish to place a multi-lingual sign in the polling booth that explains that the symbol means an error has occurred and they should alert one of the election officials.

For example:



Note

Any of the Error conditions listed below may result in an unstable system. If an unrecoverable error message exists on the screen or the system is exhibiting unstable behavior use the following method to restart the system.

1. Make sure that you have election judges/ pollworkers from both parties present.
 2. Turn the keyswitch to the off position.
 3. Press the OK button on the message box (if there is one).
 4. If the system does not power off within 5 to 10 seconds, try pressing the okay button again if it is still on the screen.
 5. (Note: the system may take up to 30 seconds to turn off.)
After the system has powered off, turn the keyswitch ON again.
 6. The system will reboot. If there is a ballot in the VAT, it will be ejected, and any voting sessions that were in progress will have to be restarted. Note that if the ballot was being marked when the error occurred, a security cover should be placed over the ballot as it comes out, the ballot should be spoiled, and the voter should be given a new blank ballot.
-

Note

Error messages are system alerts intended for Poll Workers. They will not follow federal guidelines for text size or ADA accessibility.

The following table contains a list of error messages that may be displayed, the probable causes and resolutions.

Error Message/Description	Probable Cause	Solution
ERROR – PAPER MISFEED	Ballot was inserted incorrectly and the AutoMARK paper feed mechanism was not able to align the ballot for scanning operations.	<ol style="list-style-type: none"> 1. Open the top panel or the rear clean out panel. 2. Remove the ballot. 3. If the ballot is not damaged, re-insert the ballot correctly.
ERROR – PAPER JAM	Paper ballot was inserted correctly, but the AutoMARK VAT tractor feed mechanism cannot move ballot into the next position.	<ol style="list-style-type: none"> 1. Open the top panel or the rear clean out panel. 2. Remove the ballot. 3. If the ballot is not damaged, re-insert the ballot correctly.
ERROR – Ballot Has Not Been Recognized	System is unable to read election information programmed and/or stored on the compact flash memory card (FMC).	<ol style="list-style-type: none"> 1. Shutdown AutoMARK VAT. 2. Remove compact FMC. 3. Reprogram FMC with correct data. 4. Touch the key switch with one hand to discharge any static build-up 5. Insert FMC in AutoMARK VAT. 6. Startup AutoMARK VAT. <p>Note: If the FMC allows for manually ID ballot, the voter will be allowed to select a ballot format if the AutoMARK VAT does not recognize the ballot upon insertion.</p>
General Error -Examples include <i>Argument Out of Range Exception</i> and <i>Null Reference Exception</i> .	Probable cause is an error in the software or a low memory condition.	<ol style="list-style-type: none"> 1. Make sure that you have election judges/ pollworkers from both parties present. 2. Turn the keyswitch to the off position. 3. Press the OK button on the message box (if there is one). 4. If the system does not power off within 5 to 10 seconds, try pressing the okay

Troubleshooting

		<p>button again if it is still on the screen.</p> <p>5. (Note: the system may take up to 30 seconds to turn off.) After the system has powered off, turn the keyswitch ON again.</p> <p>6. The system will reboot. If there is a ballot in the VAT, it will be ejected, and any voting sessions that were in progress will have to be restarted. Note that if the ballot was being marked when the error occurred, a security cover should be placed over the ballot as it comes out, the ballot should be spoiled, and the voter should be given a new blank ballot.</p>
--	--	---

Area	Error message/Description	Probable Cause	Solution
Startup	Waiting for Flash Card to become available... (this may take 30 seconds or more)"	There is either no flashcard inserted or the inserted flashcard is not complying with the export format. Another cause for this in DV2.0 machines is that the system was not powered up properly and the compact flash card reader was not enumerated properly.	Try turning the system off, waiting for 15 solid seconds with the system off, and then turn the system on again. If the problem keeps repeating, then try a different compact flash card or have the machine serviced.
Startup	There are no ballots on the Flash Card and file read error is seen. Turn OFF the machine and check if a valid Flash Card is present.	The Automark VAT library was not able to import the ballots. There are no ballots available for the GUI to process.	Try a different compact flash card.
Startup	AutoMARK Datafile Read Error. Message : <system err. Msg> Filename: <impacted	There is either a missing data file or a data file is not formatted right.	Try turning the system off, waiting for 15 solid seconds with the system off, and then turn the system on again. If the problem keeps repeating, then

	<p>file></p> <p>Please power-off the system and replace the flash card.</p> <p>Touch the OK button after you have turned the keyswitch to the OFF position.</p>		<p>try a different compact flash card or have the machine serviced.</p>
Startup	<p>Alert! A problem has occurred. Please notify an election official. Files have been tampered with or wrong access code!</p>	<p>The system detected that the flashcard data has been tampered and is not the original data that was exported. An additional cause could be that the pin code that was entered in the unlock screen was not the correct pin code for this particular set of data.</p>	<p>Make sure the pin code is correct. See earlier instructions for unlocking the compact flash card. If possible, get a new compact flash card or data set.</p>
Startup	<p>Scanners have not been Calibrated.</p>	<p>The system has detected that there is something wrong with the factory calibration of the ballot scanners or something is obstructing the scanners.</p>	<p>Make sure there is no ballot or paper located in the VAT. If the problem persists, a scanner calibration has to be performed by qualified service personnel. See Section 15 of the System Installation and Maintenance Guide AQS-31-5010-001-F.</p>
Startup (Win XP)	<p>The ballot could not be loaded.</p>	<p>The system was not able to load the ballot that the user attempted to preview.</p>	<p>Restart the computer.</p>

Troubleshooting

Area	Error message/Description	Probable Cause	Solution
Scanning	File read error. <Error number>	Displayed when a file error occurred during the scanning process.	Try turning the system off, waiting for 15 solid seconds with the system off, and then turn the system on again. If the problem keeps repeating, then try a different compact flash card or have the machine serviced.
Scanning	Unknown scanner event <event code>	This message and the displayed event code should be reported to the Automark customer service team.	This message and the displayed event code should be reported to the Automark customer service team.
Flash Card	The Flash Card has been removed. Turn OFF the machine and insert a valid Flash Card.	System detected that the flash card was removed or tampered with.	Turn the key switch to the off position. (Touch the key switch with one hand to discharge any static build-up.) Replace the compact flash card, if necessary, and then turn the key switch to the ON position.

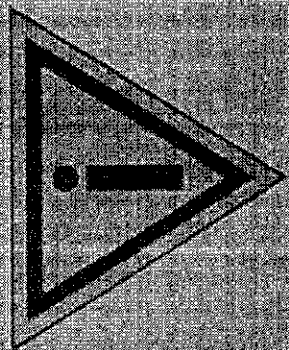
CE7-P3 723

Alert! A problem has occurred. Please notify an election official.

There was an error while printing.

Alert: A problem has occurred. Please notify an election official.

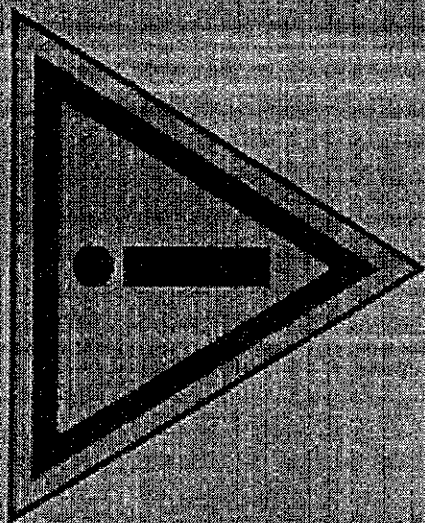
Election Official: A previous voting session has expired and the ballot is being held within the Voter Assist Terminal. Use the Test Mode to eject the ballot.



Ballot has not been recognized. Please try again or contact an election official for assistance. Please double check that you are inserting only a single ballot.

ALERT: No inputs have been received for the past five minutes. Please click OK or below if you wish to ignore this.

OK



Paper misfeed. Please contact election official.

Alert! A problem has occurred. Please notify an election official.

The flashcard has been removed. Turn OFF the machine and insert a valid flashcard.

Alert A problem has occurred. Please notify an election official.

Election Official: A previous voting session has expired and the ballot is being held within the Voter Assist Terminal. Use the Test Mode to eject the ballot.

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-ESS-001-0403**

Manufacturer: **ESS**

Application Date: **04/03/2007**

<i>Test Number</i>
CE7-P3 - 724

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Rule or Statute	2007-CDOS-ESS-001-0403	Test Number
1-5-615(1)(d)	No electronic or electromechanical voting system shall be certified by the secretary of state unless such system: Permits each elector privately and independently to change the ballot or correct any error before the ballot is cast, including by voting a replacement ballot if the elector is otherwise unable to change the ballot or correct an error.	CE7-P3-724
Cross Reference 1		Test Date
		8/30/2007
Cross Reference 2		Test End Date/Time
		8/31/2007
Cross Reference 3		Test Type (D/F/B)
		Functional
		Eq Type
		Amark
		Equipment Model
		Automark
		Serial number
		AMO206450782
		Manufacturer
		ES & S

Purpose:

The purpose of this test is to verify that the DRE allows for the voter to make changes privately and independently prior to casting the ballot as required herein.

Prerequisites:

DB7-P3-701

Test Procedures:

Document findings of processing ballots on the Automark system.

Variances Used During Testing:

N/A

Test Expected Outcome

Voting system allows voter to make changes privately and independently prior to casting the ballot. Note any instances where a replacement ballot is used if corrections are not allowed.

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, retaring, stop and restoring the system as necessary.


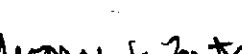
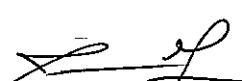
[illegible]

[illegible]

Attachments								
Documents (list all documents)	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	Videos (list all videos)	No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Photos (list all photos)	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
						See attached.		

Acceptable Compensating Controls

<i>Results Summary</i>	<i>Final Test Status</i>
The voting system does not meet the requirements.	FAIL

<div>1st Review</div>		<div>2nd Review</div>		<div>Supervisor Approval</div>	
<div>Geneice Mathews</div>		<div>Sevone Lounds</div>		<div>John Gardner</div>	
<div>Printed name</div>		<div>Printed name</div>		<div>Printed name</div>	
<div></div>		<div></div>		<div></div>	
<div>Signature</div>		<div>Signature</div>		<div>Signature</div>	
<div>9.4.07</div>		<div>9/13/07</div>		<div>9/15/07</div>	
<div>Date</div>		<div>Date</div>		<div>Date</div>	

Additional Observations and Findings

Observations:

See attached photo. The voting system does not provide privacy to meet this requirement.

Findings:

The voting system does not meet the test requirements.

1st Review

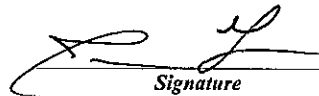
Geneice Mathews

Printed name
*Signature*8.4.07
*Date***2nd Review**

Sanne Louie

Printed name
*Signature*9/13/07
*Date***Supervisor Approval**

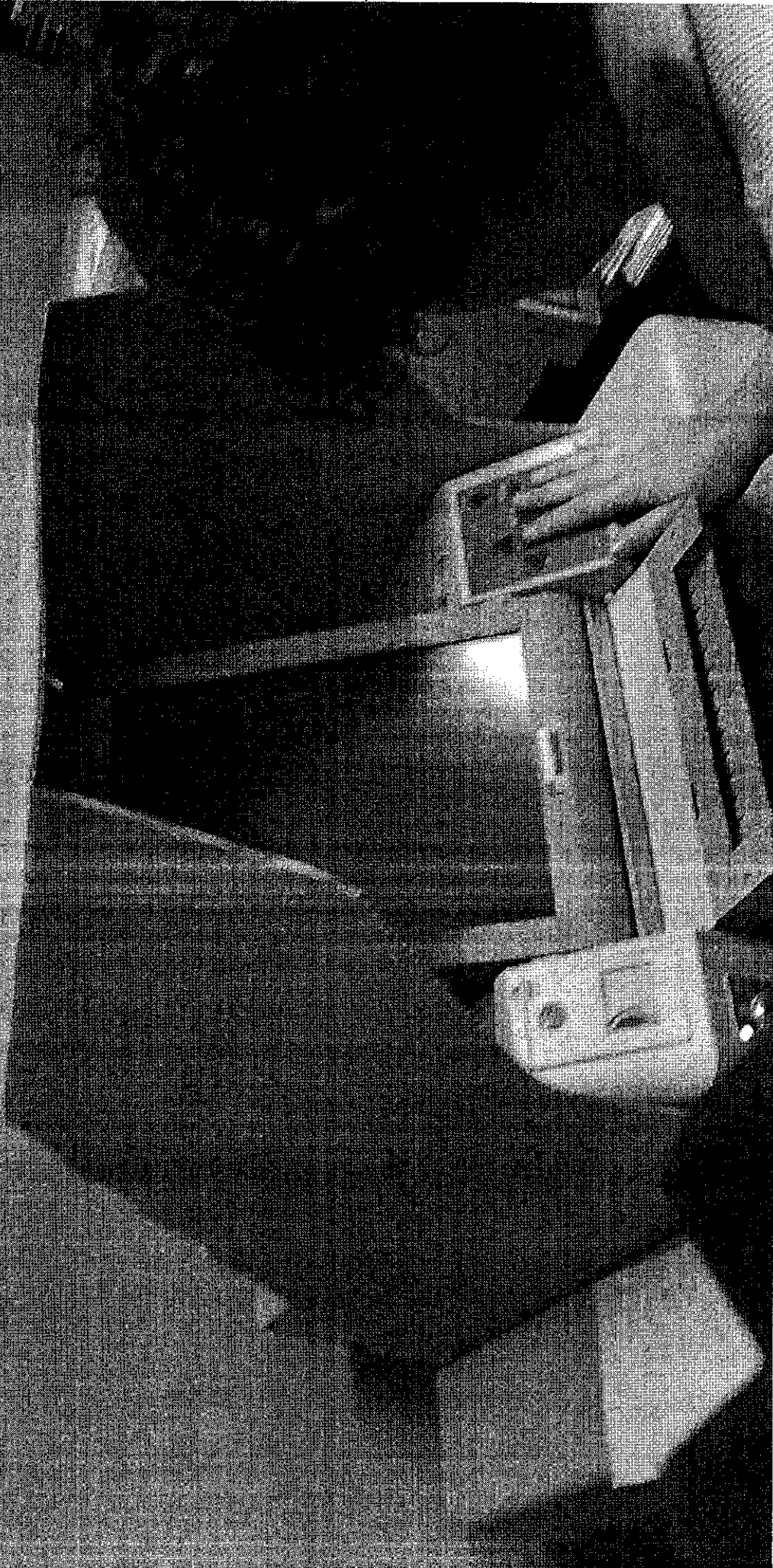
John Gardner

Printed name
*Signature*9/13/07
Date

CE7-P3-724

9-4-07

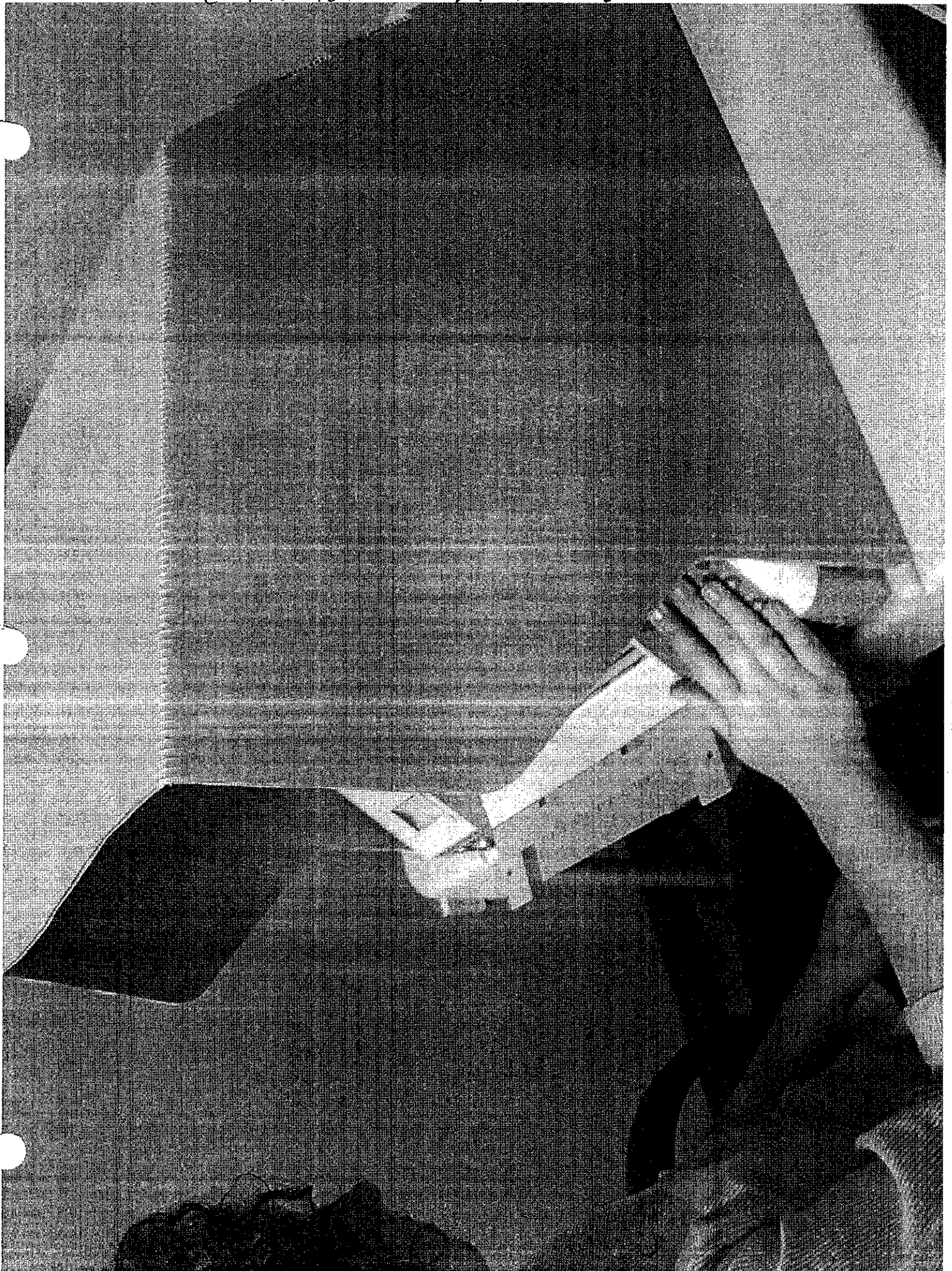
1



CE 7-03- 724

9.4.07

2







CE7-P3-724

9.4.07

5

