

Fairfield 2017 Congress 5 General Audit Report

Fairfield Ballot Audit Report
 Election: 2017 Congress 5 General
 Audit Date: 11:21:55, Fri Jun 23, 2017

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Blackstock	17	0	17	0	17	0	0	0	
0002	Blairs	100	0	100	0	100	0	0	0	
0003	Centerville	47	0	47	0	47	0	0	0	
0004	Feasterville	86	0	86	0	86	0	0	0	
0005	Greenbrier	384	0	384	0	384	0	0	0	
0006	Gladden Grove	20	0	20	0	20	0	0	0	
0007	Jenkinsville	151	0	151	0	151	0	0	0	
0008	Horeb-glenn	64	0	64	0	64	0	0	0	
0009	Hickory Ridge	204	0	204	0	204	0	0	0	
0010	Lebanon	154	0	154	0	154	0	0	0	
0011	Mitford	144	0	144	0	144	0	0	0	
0012	Monticello	92	0	92	0	92	0	0	0	
0013	New Hope	12	0	12	0	12	0	0	0	
0014	Ridgeway	443	0	443	0	443	0	0	0	
0015	Simpson	164	0	164	0	164	0	0	0	
0016	South Wigginsboro	120	0	120	0	120	0	0	0	
0017	Wigginsboro Mills	84	0	84	0	84	0	0	0	
0018	Wigginsboro No. 1	272	0	272	0	272	0	0	0	
0019	Wigginsboro No. 2	212	0	212	0	212	0	0	0	
0020	White Oak	77	0	77	0	77	0	0	0	
0021	Woodward	35	0	35	0	35	0	0	0	
0022	Dutchmans Creek	277	0	277	0	277	0	0	0	
Precincts Total:		3159	0	3159	0	3159	0	0	0	
0750	Absentee	330	44	286	0	286	44	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	0	0	0	0	0	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
0950	Failsafe Provisional	2	2	0	0	0	2	0	0	
Virtual Precincts Total:		332	46	286	0	286	46	0	0	
Grand Total:		3491	46	3445	0	3445	46	0	0	

NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 11
 The following precincts have no ballots cast in them: Emergency, Failsafe, Provisional
 This audit is complete and has no exceptions.

Status of ERM Reports

EL30A is marked Official
 EL45A is marked Official

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
3445	3445	3445
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	3445
	Cast By Poll Wkr	0
	Blank Cast by PW	0
	Cancelled Ballots	16
	Wrong Ballot	2
	Voter Left AB	0
	Voter Left BB	1
	Voter Request	1
	Printer Problem	0
	Terminal Problem	0
	Other Reason	12

(AB = After ballot selected by poll worker.)
 (BB = Before ballot selected by poll worker.)

Number of audio (ADA) events in this election: 0

Note: The following machines(s) have audit records but no ballots were cast on them: 5121782
 Because they do not have ballots cast, they cannot be matched to a precinct. This is not an issue as long as the EL30A Ivo Ballots, the EL155 Ballots and the EL152 Ballots match in the table immediately above.

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

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The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta value is less than zero then there are more ballots in the audit data than there are in the tabulated data and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data. In the case of missing tabulated data, it might be possible to identify a machine that has the same number of ballots cast as the delta value and that number and ballot count will be highlighted with a < sign. If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report. This table should indicate that the number ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 report that indicate how many ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to validate the poll worker's choice.

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Election: 2017 Congress 5 General
 Audit Date: 11:22:10, Fri Jun 23, 2017

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001 Blackstock #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	16	0	16	0	16	0	
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	*	No Audit Data expected or found	
0002 Blairs #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	84	0	84	0	84	0	
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	16	0	16	0	16	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	*	No Audit Data expected or found	
0003 Centerville #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	10	0	10	0	10	0	
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	37	0	37	0	37	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	*	No Audit Data expected or found	
0004 Feasterville #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	62	0	62	0	62	0	
U. S. House of Reps District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Reps District 5	Ralph Norman	(REP)	23	0	23	0	23	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	*	No Audit Data expected or found	
0005 Greenbrier #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	278	0	278	0	278	0	
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	103	0	103	0	103	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	*	No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Reps District 5	Write-In		0	0	0	0	*	No Audit Data expected or found	
0006 Gladden Grove #####									

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U. S. House of Reps District 5	Archie Parnell	(DEM)	10	0	10	0	10	0
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Ralph Norman	(REP)	9	0	9	0	9	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	0
0007 Jenknsville #####								
U. S. House of Reps District 5	Archie Parnell	(DEM)	132	0	132	0	132	0
U. S. House of Reps District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Reps District 5	Ralph Norman	(REP)	16	0	16	0	16	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	1	0	1	0	1	0
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	0
0008 Horeb-glenn #####								
U. S. House of Reps District 5	Archie Parnell	(DEM)	57	0	57	0	57	0
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Ralph Norman	(REP)	7	0	7	0	7	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	0
0009 Hickory Ridge #####								
U. S. House of Reps District 5	Archie Parnell	(DEM)	152	0	152	0	152	0
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Ralph Norman	(REP)	52	0	52	0	52	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	0
0010 Lebanon #####								
U. S. House of Reps District 5	Archie Parnell	(DEM)	85	0	85	0	85	0
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Ralph Norman	(REP)	68	0	68	0	68	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	0
0011 Mtford #####								
U. S. House of Reps District 5	Archie Parnell	(DEM)	79	0	79	0	79	0
U. S. House of Reps District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Reps District 5	Ralph Norman	(REP)	60	0	60	0	60	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	4	0	4	0	4	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	0
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	0
0012 Monticello #####								

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U. S. House of Reps District 5	Archie Parnell	(DEM)	64	0	64	0	64	0
U. S. House of Reps District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Reps District 5	Ralph Norman	(REP)	27	0	27	0	27	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	

0013 New Hope #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	6	0	6	0	6	0
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	6	0	6	0	6	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	

0014 Ridgeway #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	308	0	308	0	308	0
U. S. House of Reps District 5	David Kulma	(GRN)	2	0	2	0	2	0
U. S. House of Reps District 5	Ralph Norman	(REP)	131	0	131	0	131	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	

0015 Simpson #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	105	0	105	0	105	0
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	57	0	57	0	57	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	

0016 South Winstboro #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	106	0	106	0	106	0
U. S. House of Reps District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Reps District 5	Ralph Norman	(REP)	11	0	11	0	11	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	

0017 Winstboro Mills #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	40	0	40	0	40	0
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	43	0	43	0	43	0
U. S. House of Reps District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	* No Audit Data expected or found	

0018 Winstboro No. 1 #####

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U. S. House of Reps District 5	Archie Parnell	(DEM)	216	0	216	0	216	0	
U. S. House of Reps District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Reps District 5	Ralph Norman	(REP)	52	0	52	0	52	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Reps District 5	Victor Kocher	(LIB)	2	0	2	0	2	0	
U. S. House of Reps District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found	
0019 Winoosboro No. 2 #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	134	0	134	0	134	0	
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	76	0	76	0	76	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		1	0	1	0	1	0	
0020 White Oak #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	48	0	48	0	48	0	
U. S. House of Reps District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Reps District 5	Ralph Norman	(REP)	23	0	23	0	23	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	3	0	3	0	3	0	
U. S. House of Reps District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Reps District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found	
0021 Woodward #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	23	0	23	0	23	0	
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	11	0	11	0	11	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found	
0022 Dutchmans Creek #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	92	0	92	0	92	0	
U. S. House of Reps District 5	David Kulma	(GRN)	2	0	2	0	2	0	
U. S. House of Reps District 5	Ralph Norman	(REP)	173	0	173	0	173	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	8	0	8	0	8	0	
U. S. House of Reps District 5	Victor Kocher	(LIB)	2	0	2	0	2	0	
U. S. House of Reps District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found	
0750 Absentee #####									
U. S. House of Reps District 5	Archie Parnell	(DEM)	205	24	181	0	181	0	
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Ralph Norman	(REP)	124	20	104	0	104	0	
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Reps District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Reps District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found	
0800 Emergency #####									

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U. S. House of Reps District 5	Archie Parnell	(DEM)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Ralph Norman	(REP)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Write-In		0	0	0	0 * No Audit Data expected or found

0850 Fair safe #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Ralph Norman	(REP)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Write-In		0	0	0	0 * No Audit Data expected or found

0900 Provisional #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Ralph Norman	(REP)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Write-In		0	0	0	0 * No Audit Data expected or found

0950 Fair safe Provisional #####

U. S. House of Reps District 5	Archie Parnell	(DEM)	2	2	0	0 * All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
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U. S. House of Reps District 5	David Kulma	(GRN)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Ralph Norman	(REP)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Josh Thornton	(AMR)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Victor Kocher	(LIB)	0	0	0	0 * No Audit Data expected or found
U. S. House of Reps District 5	Write-In		0	0	0	0 * No Audit Data expected or found

There was no unmatched audit data

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all Write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual Write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical

Fairfield 2017 Congress 5 General Audit Report

scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into a master audit file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidate. That number should always match the number of votes cast for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data. In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

 Fairfield EL30A45A Comparison Report
 Election: 2017 Congress 5 General
 Audit Date: 11:22:16, Fri Jun 23, 2017

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
U. S. House of Reps District 5	Archie Parnell	(DEM)	2314	26	2288	0	2314	26	2288	0	0
U. S. House of Reps District 5	David Kulma	(GRN)	11	0	11	0	11	0	11	0	0
U. S. House of Reps District 5	Ralph Norman	(REP)	1125	20	1105	0	1125	20	1105	0	0

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U. S. House of Reprs District 5	Josh Thornton	(AMR)	21	0	21	0	21	0	21	0	0
U. S. House of Reprs District 5	Victor Kocher	(LIB)	8	0	8	0	8	0	8	0	0
U. S. House of Reprs District 5	Write-In		1	0	1	0	1	0	1	0	0

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt), iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report. The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A report. Each of the values in each line on the EL30A side must match the same value on the EL45A side and the Delta value must be zero.

Fairfield PEB Use Report

Election: 2017 Congress 5 General
 Audit Date: 11:21:55, Fri Jun 23, 2017

Precinct	PEBs Used	Comments
Blackstock	229474	
Blairstown	155003	
Centerville	142874	
Feasterville	153870	
Greenbrier	154753	

Fairfield 2017 Congress 5 General Audit Report

Gladden Grove	145216	
Jenkinsville	154698	
Horeb-glenn	233575	243616
Hickory Ridge	153758	
Lebanon	154876	
Mitford	178064	
Monticello	243624	
New Hope	146904	
Ridgeway	229473	
Simpson	125014	
South Winstboro	233552	
Winstboro Mills	154720	
Winstboro No. 1	243615	
Winstboro No. 2	229471	
White Oak	147668	
Woodward	150638	
Dutchmans Creek	147747	
Absentee	155556	

WARNING: 2 PEBs used to open/close machines.

23 precincts processed

The following precinct(s) have no ballots cast in them: Emergency, Failsafe, Provisional
Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

How to read this report.

This is the PEB Used report. It lists the precincts found in the Audit data and lists all the PEBs that were used by the poll workers to open and close the iVotronic machines in that precinct.

If more than one PEB is used to open and close all the iVotronic machines in a precinct, then the County Election Commission must read ALL the PEBs used in that precinct to assure that they have collected all the ballots from that precinct. A county whose report shows a precinct that has machines open or closed by more than one PEB should double check the Ballot Audit Report against the iVotronic paper tapes and the Poll Book to make sure that all the ballots have been collected and tabulated.

Fairfield PEB Exceptions Report
Election: 2017 Congress 5 General
Election date: 06/20/2017
Audit Date: 11:21:55, Fri Jun 23, 2017

Fairfield 2017 Congress 5 General Audit Report

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5125317	233575	06/20/2017 09:01:19	233575	06/20/2017 19:06:46	Open Time	Horeb-glenn - 49
5125402	155556	05/24/2017 10:03:36	155556	06/20/2017 19:02:34	>>Open Date<<	Absentee - 185
5125402	155556	05/24/2017 10:03:36	155556	06/20/2017 19:02:34	Open Time	Absentee - 185
5125511	155556	05/24/2017 10:02:05	155556	06/20/2017 19:04:54	>>Open Date<<	Absentee - 101
5125511	155556	05/24/2017 10:02:05	155556	06/20/2017 19:04:54	Open Time	Absentee - 101
5138281	243616	06/20/2017 06:29:15	233575	06/20/2017 19:04:16	>>>0/C PEBs<<<	Horeb-glenn - 15

The following machines(s) have audit records but no ballots were cast on them: 5121782
 Because they do not have ballots cast, they cannot be matched to a precinct.

How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions in the iVotronic Event Log;

- 1: A machine that was opened and closed by different PEBs
- 2: A Machine that was not opened on Election Date - could be either an absentee or test machine
- 3: A Machine that was not closed on Election Date - could have had problem closing
- 4: A Machine that was not opened by 7 am - note most Absentee machines will show up here
- 5: A Machine that was closed before 7pm - polls close at 7 PM
- 6: A Machine that was not closed ever.
- 7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each line contains the following information:
 iVotronic machine number, Opening PEB Number, Open Time, Closing PEB Number, Closing Time, the Exception Type and
 the Precinct and the Ballots Cast on that machine.

Absentee and Failsafe precinct machines are opened during the middle of the day several days before the election date
 of 06/20/2017. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.