

Cherokee 2017 Congress 5 General Audit Report

Cherokee Ballot Audit Report
 Election: 2017 Congress 5 General
 Audit Date: 11:35:17, Fri Jun 23, 2017

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Allens	103	0	103	0	103	0	0	0	
0002	Alma Mill	184	0	184	0	184	0	0	0	
0003	Anti och/Kings Ck	160	0	160	0	160	0	0	0	
0004	Ashworth	171	0	171	0	171	0	0	0	
0005	Blacksburg Ward No.	149	0	149	0	149	0	0	0	
0006	Blacksburg Ward No.	204	0	204	0	204	0	0	0	
0010	Draytonville	165	0	165	0	165	0	0	0	
0011	Ezells and Butler	144	0	144	0	144	0	0	0	
0012	Gaffney Ward No. 1	102	0	102	0	102	0	0	0	
0013	Gaffney Ward No. 2	255	0	255	0	255	0	0	0	
0014	Gaffney Ward No. 3	257	0	257	0	257	0	0	0	
0015	Gaffney Ward No. 4	282	0	282	0	282	0	0	0	
0016	Gaffney Ward No. 5	207	0	207	0	207	0	0	0	
0017	Gaffney Ward No. 6	256	0	256	0	256	0	0	0	
0018	Grassy Pond	352	0	352	0	352	0	0	0	
0019	Goucher and Thickett	126	0	126	0	126	0	0	0	
0020	Holly Grove and Buff	188	0	188	0	188	0	0	0	
0021	Limestone Mill	99	0	99	0	99	0	0	0	
0022	Littlejohn's and Sar	64	0	64	0	64	0	0	0	
0023	Macedonia	218	0	218	0	218	0	0	0	
0024	Morgan	151	0	151	0	151	0	0	0	
0025	Musgrove Mill	229	0	229	0	229	0	0	0	
0026	99 and Cherokee Fall	131	0	131	0	131	0	0	0	
0027	Pleasant Grove	175	0	175	0	175	0	0	0	
0028	Pleasant Meadows	162	0	162	0	162	0	0	0	
0030	Timber Ridge	128	0	128	0	128	0	0	0	
0031	White Plains	116	0	116	0	116	0	0	0	
0032	Wilkinsville and Met	81	0	81	0	81	0	0	0	
0033	Woods	147	0	147	0	147	0	0	0	
Precincts Total:		5006	0	5006	0	5006	0	0	0	
0750	Absentee	447	32	415	0	415	32	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Fail safe	6	0	6	0	6	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
0950	Fail safe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		453	32	421	0	421	32	0	0	
Grand Total:		5459	32	5427	0	5427	32	0	0	

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

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Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 16
 The following precincts have no ballots cast in them: Emergency, Provisional, 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
5427	5427	5427
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	5426
	Cast By Poll Wkr	1
	Blank Cast by PW	0
	Cancelled Ballots	12
	Wrong Ballot	0
	Voter Left AB	0
	Voter Left BB	2
	Voter Request	0
	Printer Problem	0
	Terminal Problem	4
	Other Reason	6

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

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

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 precinct 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.

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.

Cherokee 2017 Congress 5 General Audit Report

Cherokee Vote Level Audit Report
 Election: 2017 Congress 5 General
 Audit Date: 11:35:29, Fri Jun 23, 2017

Precinct Number / Name Office	Candidate	Party	-----EL30A-----				-----Audit-----		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001	Aliens #####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	15	0	15	0	15	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	86	0	86	0	86	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Write-In		0	0	0	0	* No Audit Data	expected or found	
0002	Alma Mill #####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	117	0	117	0	117	0	
U. S. House of Rep District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	62	0	62	0	62	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	2	0	2	0	2	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	2	0	2	0	2	0	
U. S. House of Rep District 5	Write-In		0	0	0	0	* No Audit Data	expected or found	
0003	Anti och/Kings Ck #####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	22	0	22	0	22	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	137	0	137	0	137	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Rep District 5	Write-In		0	0	0	0	* No Audit Data	expected or found	
0004	Ashworth #####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	18	0	18	0	18	0	
U. S. House of Rep District 5	David Kulma	(GRN)	2	0	2	0	2	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	151	0	151	0	151	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Write-In		0	0	0	0	* No Audit Data	expected or found	
0005	Blacksburg Ward No. 1 #####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	45	0	45	0	45	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	103	0	103	0	103	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data	expected or found	
U. S. House of Rep District 5	Write-In		0	0	0	0	* No Audit Data	expected or found	

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0006 Blacksburg Ward No. 2 #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	23	0	23	0	23	0	
U. S. House of Rep District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	177	0	177	0	177	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Rep District 5	Write-In		2	0	2	0	2	0	
0010 Draytonville #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	47	0	47	0	47	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	115	0	115	0	115	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	2	0	2	0	2	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0011 Ezells and Butler #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	32	0	32	0	32	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	110	0	110	0	110	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0012 Gaffney Ward No. 1 #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	75	0	75	0	75	0	
U. S. House of Rep District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	24	0	24	0	24	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	2	0	2	0	2	0	
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0013 Gaffney Ward No. 2 #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	222	0	222	0	222	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	32	0	32	0	32	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0014 Gaffney Ward No. 3 #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	241	0	241	0	241	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	12	0	12	0	12	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found

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0015	Gaffney Ward No. 4	#####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	159	0	159	0	159	0		
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	120	0	120	0	120	0		
U. S. House of Rep District 5	Josh Thornton	(AMR)	1	0	1	0	1	0		
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0		
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found	
0016	Gaffney Ward No. 5	#####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	97	0	97	0	97	0		
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	108	0	108	0	108	0		
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0		
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found	
0017	Gaffney Ward No. 6	#####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	63	0	63	0	63	0		
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	191	0	191	0	191	0		
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0		
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found	
0018	Grassy Pond	#####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	83	0	83	0	83	0		
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	265	0	265	0	265	0		
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	2	0	2	0	2	0		
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found	
0019	Goucher and Thicketty	#####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	25	0	25	0	25	0		
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	100	0	100	0	100	0		
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found	
0020	Holly Grove and Buffalo	#####								
U. S. House of Rep District 5	Archie Parnell	(DEM)	26	0	26	0	26	0		
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Ralph Norman	(REP)	162	0	162	0	162	0		
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found	
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found	

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0021 Limestone Mill #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	59	0	59	0	59	0	
U. S. House of Rep District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	37	0	37	0	37	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0022 Littlejohn's and Sarratt' #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	5	0	5	0	5	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	59	0	59	0	59	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0023 Macedonia #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	59	0	59	0	59	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	158	0	158	0	158	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0024 Morgan #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	18	0	18	0	18	0	
U. S. House of Rep District 5	David Kulma	(GRN)	2	0	2	0	2	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	130	0	130	0	130	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0025 Musgrove Mill #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	76	0	76	0	76	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	152	0	152	0	152	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0026 99 and Cherokee Falls #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	13	0	13	0	13	0	
U. S. House of Rep District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	117	0	117	0	117	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found

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0027 Pleasant Grove #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	114	0	114	0	114	0	
U. S. House of Rep District 5	David Kulma	(GRN)	2	0	2	0	2	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	58	0	58	0	58	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0028 Pleasant Meadows #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	132	0	132	0	132	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	30	0	30	0	30	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0030 Timber Ridge #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	14	0	14	0	14	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	112	0	112	0	112	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	2	0	2	0	2	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0031 White Plains #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	12	0	12	0	12	0	
U. S. House of Rep District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S. House of Rep District 5	Ralph Norman	(REP)	101	0	101	0	101	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	2	0	2	0	2	0	
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0032 Wilkinsville and Metcalfe #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	6	0	6	0	6	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	75	0	75	0	75	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0033 Woods #####									
U. S. House of Rep District 5	Archie Parnell	(DEM)	20	0	20	0	20	0	
U. S. House of Rep District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Ralph Norman	(REP)	125	0	125	0	125	0	
U. S. House of Rep District 5	Josh Thornton	(AMR)	1	0	1	0	1	0	
U. S. House of Rep District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Rep District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found

Cherokee 2017 Congress 5 General Audit Report

0750	Absentee	#####							
U. S.	House of Rep	District 5	Archie Parnell	(DEM)	188	8	180	0	180 0
U. S.	House of Rep	District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found
U. S.	House of Rep	District 5	Ralph Norman	(REP)	257	23	234	0	234 0
U. S.	House of Rep	District 5	Josh Thornton	(AMR)	1	0	1	0	1 0
U. S.	House of Rep	District 5	Victor Kocher	(LIB)	1	1	0	0	* All votes cast for this candidate in this precinct are optical.

* No Audit Data for optical.

U. S.	House of Rep	District 5	Write-In		0	0	0	0	* No Audit Data expected or found
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0800 Emergency #####

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

0850 Fair safe #####

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

0900 Provisional #####

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

0950 Fair safe Provisional #####

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

Cherokee 2017 Congress 5 General Audit Report

Audit Date: 11:35:35, Fri Jun 23, 2017

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
U. S. House of Rep District 5	Archie Parnell	(DEM)	2031	8	2023	0	2031	8	2023	0	0
U. S. House of Rep District 5	David Kulma	(GRN)	12	0	12	0	12	0	12	0	0
U. S. House of Rep District 5	Ralph Norman	(REP)	3367	23	3344	0	3367	23	3344	0	0
U. S. House of Rep District 5	Josh Thornton	(AMR)	14	0	14	0	14	0	14	0	0
U. S. House of Rep District 5	Victor Kocher	(LIB)	17	1	16	0	17	1	16	0	0
U. S. House of Rep District 5	Write-In		2	0	2	0	2	0	2	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.

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Audit Date: 11:35:17, Fri Jun 23, 2017

Precinct	PEBs Used	Comments
Allens	150894	
Alma Mill	148653	
Anti och/Kings Ck	148805	
Ashworth	148779	
Blacksburg Ward No.	138361	WARNING: 2 PEBs used to open/close machines.
Draytonville	150744	
Ezells and Butler	148974	
Gaffney Ward No. 1	148785	
Gaffney Ward No. 2	155224	
Gaffney Ward No. 3	148958	
Gaffney Ward No. 4	148882	
Gaffney Ward No. 5	148672	
Gaffney Ward No. 6	148732	
Grassy Pond	150840	
Goucher and Thickett	148685	
Holly Grove and Buff	148815	
Limestone Mill	150249	
Littlejohn's and Sar	150538	
Macedonia	148651	
Morgan	195672	
Musgrove Mill	150930	
99 and Cherokee Fall	148689	
Pleasant Grove	150189	
Pleasant Meadows	151394	
Timber Ridge	148738	
White Plains	150083	
Wilkinsville and Met	150250	
Woods	150770	
Absentee	150397	
Fail safe	150397	

30 precincts processed

The following precinct(s) have no ballots cast in them: Emergency, Provisional, Fail safe 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.

Cherokee 2017 Congress 5 General Audit Report

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.

 Cherokee PEB Exceptions Report
 Election: 2017 Congress 5 General
 Election date: 06/20/2017
 Audit Date: 11:35:17, Fri Jun 23, 2017

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5120318	150397	05/24/2017 10:15:14	150397	06/20/2017 19:04:59	>>Open Date<<	Absentee - 241 Fail safe - 4
5120318	150397	05/24/2017 10:15:14	150397	06/20/2017 19:04:59	Open Time	Absentee - 241 Fail safe - 4
5134086	150397	05/24/2017 10:19:54	150397	06/20/2017 19:05:59	>>Open Date<<	Absentee - 174 Fail safe - 2
5134086	150397	05/24/2017 10:19:54	150397	06/20/2017 19:05:59	Open Time	Absentee - 174 Fail safe - 2

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 Fail safe 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.