Dates	System	Build	Image	Ballot Box	Ballot type	Ballot markings?	Paper Bond (lb)	Paper Weight (gsm)	Paper Length in)	Paper Thickness (mm) [1]	Paper Thickness (in) [2]	Paper Product	Ambient temp (deg C/F)	Humidity (% RH)
7/1-7/3/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank or fille	none	various	various	11	various	various	various		
7/2/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank	none	20 lb [9]	75 gsm	11	0.102	0.00402	Office Depot cop	y paper	41%
7/2/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank	none	28 lb	105 gsm	11	0.137	0.00539	Office Depot ink	jet & laser 28	41%
7/2/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank	none	32 lb [10]	105 gsm	11	0.137	0.00539	Hammermill Pre	mium Laser 3	3 41%
7/2/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, filled v1	yes (computer p	r 32 lb	120 gsm	11	0.105	0.00413	Hammermill Pre	mium Laser 3	3 41%
7/1-7/3/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank	none	40 lb	150 gsm	11	0.192	0.00756	HP Heavyweigh	t 23-24C (74-	- 39-49%
7/2-7/3/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank	none	46 lb	176 gsm	11	0.220	0.00866	Neenah Bright V	V 23-24C (74-	- 39-49%
7/3-7/5/2024	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank	none	43 lb	162 gsm	11	0.174	0.00685	FedEx laser 60	t 24-26C (75-	- 39-41%
7/5/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	none	NH test ballot, blank	none	32 lb	120 gsm	11	0.130	0.00512	FedEx laser 32	t 23C (74F)	42%
7/8/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	NH test ballot, blank	none	43 lb	162 gsm ?	11	0.188	0.00740	FedEx laser 60	t 23C (73F)	44%
7/8/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	NH test ballot, filled v2 + bl	yes (computer p	r 43 lb	162 gsm	11	0.174	0.00685	FedEx laser 60	t 22C (71F)	45%
7/12/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	Austin test deck, long ballo	yes (computer fi	II 38 lb	140 gsm	22	0.145	0.00571	100# matte text,	25C (77F)	41%
7/12/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	Austin test deck, long ballo	yes (computer fi	II 28 lb	105 gsm	22	0.155	0.00610	28#, Global Prin	t 24C (76F)	42%
7/15/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	NH test ballot, blank	none	43 lb	162 gsm	11	0.174	0.00685	FedEx laser 60	t <mark>29-35C (85</mark> -	30%
7/15/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	NH test ballot, blank	none	46 lb	176 gsm	11	0.220	0.00866	Neenah Bright V	V <mark>29-35C (85</mark> -	30%
7/15/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	NH test ballot, blank	none	28 lb	105 gsm	11	0.137	0.00539	Office Depot ink	(<mark>29-35C (85</mark> -	30%
7/15/24	VxScan v4.0	Build 0 unit 2	applied by Arsalan in Jun 2024	LP2-1	NH test ballot, filled v2 + bl	yes (computer p	r 43 lb	162 gsm	11	0.174	0.00685	FedEx laser 60	t <mark> 29-35C (85</mark> -	30-33%
8/6/24-8/10/24	VxScan v4.0	Build 0 unit 3	2024-06-24-austin-testing-vxsca	<u>r</u> LP2-1	NH test ballot, blank (most	l none	28 lb (mostly), 3	2 105 gsm	11	0.137	0.00539	28#, Global Prin 32lb FedEx, (~3 60lb FedEx, (~4 28#, Postnet (~r	0	- 21-45%
TOTALS (regula	ar tests)													

Dates	System	Paper disruption [3]	New/Old paper?	Start Ballot Num [4]	End Ballot Num	Number of Sheets	Number of Misfeeds [5]	Types of misfeeds	Misfeed Rate	Tester	MSD notes	Notes, general	Used auto paper feeder?	.env misfeed time (s) [7]	timeRunning (s) [8]
7/1-7/3/2024	VxScan v4.0	none	new			32		0 n/a	0.00%	Pius Wong	MSD enabled, r	ecalibrated	no		
7/2/2024	VxScan v4.0	none	new			50	(0 n/a	0.00%	Ryan Aparicio	MSD enabled		no		
7/2/2024	VxScan v4.0	none	new			50	(0 n/a	0.00%	Pius Wong	MSD enabled		no		
7/2/2024	VxScan v4.0	none	new			41		0 n/a	0.00%	Pius Wong	MSD enabled, r	ecalibrated	no		
7/2/2024	VxScan v4.0	none	new			10	(0 n/a	0.00%	Pius Wong	MSD enabled		no		
7/1-7/3/2024	VxScan v4.0	none	old & new			337		0 n/a	0.00%	Pius Wong	MSD enabled		yes, mostly	9	9 2
7/2-7/3/2024	VxScan v4.0	none	old & new			59		0 n/a	0.00%	Pius Wong	MSD enabled		yes, mostly	9	9 2
7/3-7/5/2024	VxScan v4.0	none	old & new			500		0 n/a	0.00%	Pius Wong	MSD enabled		yes	3	3 2
7/5/24	VxScan v4.0	none	old & new			589		0 n/a	0.00%	Pius Wong, Rya	r MSD enabled		yes	3	3 2
7/8/24	VxScan v4.0	stored in 75-88RH	old			33		0 n/a	0.00%	Pius Wong	MSD enabled	harder to insert;	no		
7/8/24	VxScan v4.0	none	old & new	45	1130	1085		0 n/a	0.00%	Pius Wong	MSD enabled	only saw 2 misfe	yes		
7/12/24	VxScan v4.0	none	new	2	242	240		0 n/a	0.00%	Pius Wong	MSD enabled, r	ecalibrated	yes	9	9 2
7/12/24	VxScan v4.0	none	new	0	240	285	(0 n/a	0.00%	Pius Wong	MSD enabled, r	e cleaned scanner	yes	9	9 2
7/15/24	VxScan v4.0	none	old	19	69	50		0 n/a	0.00%	Pius Wong	MSD enabled, r	ecalibrated	yes	8	3 2
7/15/24	VxScan v4.0	none	old	69	119	50		0 n/a	0.00%	Pius Wong	MSD enabled		no		
7/15/24	VxScan v4.0	none	old	119	169	50		0 n/a	0.00%	Pius Wong	MSD enabled		no		
7/15/24	VxScan v4.0	none	old	169	412	243		0 n/a	0.00%	Pius Wong	MSD enabled		yes	8	3 2
8/6/24-8/10/24	VxScan v4.0	none	new (most	tl O		5882		unknown caus sheet 1012, re sheet 2387, ve sheet ~4500, o 4 sheet 5825, ba	ec rti au	Pius Wong	MSD enabled, r	ecalibrated for 28#	yes	8	3 1.8
TOTALS (regula	ar tests)					9586		4	0.04%		Accuracy comm	nents?			
							estimate act	ual misfeed rate	w/ binomial distribu	tion					

Dates	System	distance threshold						
7/1-7/3/2024	VxScan v4.0							
7/2/2024	VxScan v4.0							
7/2/2024	VxScan v4.0							
7/2/2024	VxScan v4.0							
7/2/2024	VxScan v4.0							
7/1-7/3/2024	VxScan v4.0	100						
7/2-7/3/2024	VxScan v4.0	100						
7/3-7/5/2024	VxScan v4.0	100						
7/5/24	VxScan v4.0	100						
7/8/24	VxScan v4.0							
7/8/24	VxScan v4.0							
7/12/24	VxScan v4.0	150						
7/12/24	VxScan v4.0	150						
7/15/24	VxScan v4.0	150						
7/15/24	VxScan v4.0							
7/15/24	VxScan v4.0							
7/15/24	VxScan v4.0	150						
8/6/24-8/10/24	VxScan v4.0	100						
TOTALS (regula	ar tests)							

Dates	System	
7/1-7/3/2024	VxScan v4.0	
7/2/2024	VxScan v4.0	
7/1-7/3/2024	VxScan v4.0	
7/2-7/3/2024	VxScan v4.0	
7/3-7/5/2024	VxScan v4.0	
7/5/24	VxScan v4.0	
7/8/24	VxScan v4.0	
7/8/24	VxScan v4.0	
7/12/24	VxScan v4.0	
7/12/24	VxScan v4.0	
7/15/24	VxScan v4.0	
8/6/24-8/10/24	VxScan v4.0	
TOTALS (regula	r tests)	
, ,		

Dates	System	Build	Image	Ballot Box	Ballot type	Ballot markings?	Paper Bond (lb)	Paper Weight (gsm)	Paper Length in)	Paper Thickness (mm) [11]	Paper Thickness (in) [12]	Paper Product	Paper disruption [13]	New/Old paper?
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	none	new
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	folded 1x / horizontal / verti	new
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	leading edge curled up	old
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	leading edge curled down	old
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	folded front corner	old
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	trailing edge curled up	old
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	trailing edge curled down	old
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	crummpled/wrinkled paper	old
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	wrinkled, trifold up	old
7/2/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	blank paper, 60lb cove	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	wrinkled, trifold down	old
7/3/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	NH test ballot, blank	none	43 lb	162 gsm	11	0.174	0.00685	FedEx 60lb cove	none, MSD	new
7/3/2024	VxScan v4.0 Bui	applied by Arsala	a applied by Arsala	none	paper length testing, 28	none	28 lb	105 gsm	11			shipped from Ro	none	old
no clipping obse	rved													

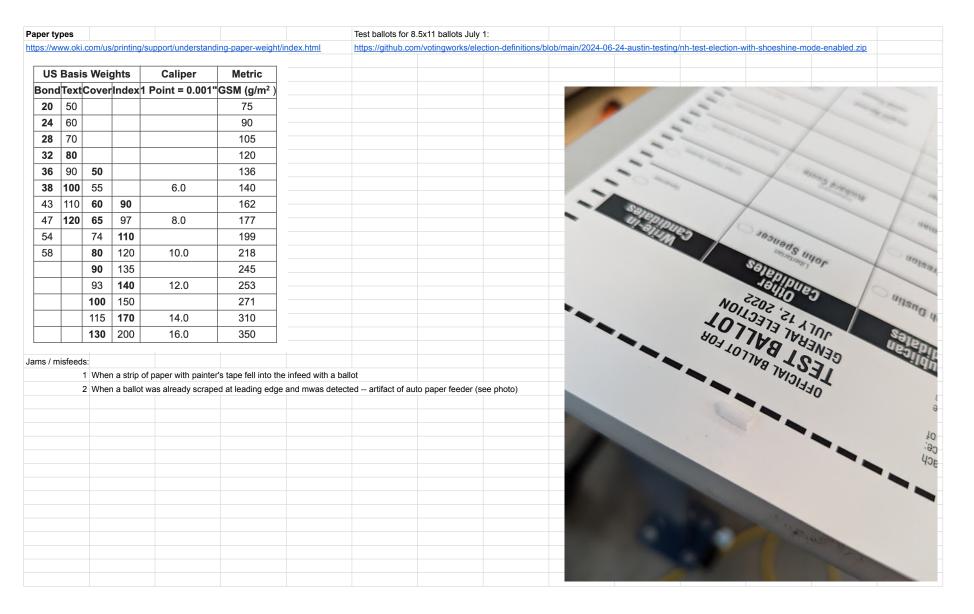
Dates		Start Ballot Num [14]	End Ballot Num	Number of Sheets	Number of Misfeeds	Types of misfeeds	Misfeed Rate	Tester	MSD notes	Notes, general	Used auto paper feeder?	.env misfeed time (s) [16]	timeRunning (s) [17]	distance threshold
7/2/2024	VxScan v4.0 Bui	l			2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	I			2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	I			2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	I			2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	I		;	3	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	ı			2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	I		;	3	0 n/a	0.00%	Pius Wong	MSD enabled	clipped lip on ex	it, but expected &	no jam		
7/2/2024	VxScan v4.0 Bui	i		:	2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	ı			2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/2/2024	VxScan v4.0 Bui	ĺ			2	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
7/3/2024	VxScan v4.0 Bui	ĺ		15 MSD tries		0 n/a	0%	Pius Wong	MSD enabled	double and triple	sheets rejected	properly, no false	positives	
7/3/2024	VxScan v4.0 Bui				5	0 n/a	0.00%	Pius Wong	MSD enabled	no jams				
no clipping obse	rved													

Dates	System	Build	Image	Ballot Box	Ballot type	Ballot markings?	Paper Bond (lb)	Paper Weight (gsm)		Paper Thickness (mm) [18]	Paper Thickness (in) [19]			Humidity (% RH)	Paper disruption [20]
7/8/2	4 VxScan v4.0 Bu	il applied by Arsala	a applied by Arsala	e none	NH test ballot, blank	none	43 lb	162 gsm?	11	0.2	0.00787	FedEx laser 60 I	t 23C (73F)		soaked wet, dried over 3 days, very curled/wrinkled and stiff
TOTALS (regu	lar tests)														

Dates	System	New/Old paper?	Start Ballot Num [21]	End Ballot Num	Number of Sheets	Number of Misfeeds	Types of misfeeds	Misfeed Rate [22]	Tester	MSD notes	Notes, general	Used auto paper feeder?	.env misfeed time (s) [23]	timeRunning (s) [24]	distance threshold
7/8/24	VxScan v4.0 Bui	l old & new				11 1	generic error, retracted, no jam; worked 2nd try	9.09%	Pius Wong	MSD enabled	no jams	no			
TOTALS (regula	ar tests)					11 1		9.09%		Accuracy comm	ents?				

Dates	System							
7/8/24	VxScan v4.0 Bui	il						
TOTALS (regula	ar tests)							

Dates	System	
7/8/24	VxScan v4.0 Buil	
TOTALS (regula		



- [1] measure on edge, or nominal
- [2] measure on edge, or nominal
- [3] folded 1x middle, folded 2x thirds, torn, dirty, wet, curled, etc
- [4] these are just working numbers -- the starting and ending ballots are just for a single session, and the total ballots might be for multiple sessions
- [5] misfeeds for regular ballots without excessive paper disruptions (scraping, tears, soaked, etc) or abnormal operating conditions (hotter than 95F, pulling on paper with hand, etc)
- [6] aiming for <= 1/500 or <= 0.2%
- [7] these are settings for the autofeeder software
- [8] another setting for the autofeeder software
- [9] out of spec of VxScan
- [10] out of spec of VxScan
- [11] measure on edge, or nominal
- [12] measure on edge, or nominal
- [13] folded 1x middle, folded 2x thirds, torn, dirty, wet, curled, etc
- [14] these are just working numbers -- the starting and ending ballots are just for a single session, and the total ballots might be for multiple sessions
- [15] aiming for $\leq 1/500$ or $\leq 0.2\%$
- [16] these are settings for the autofeeder software
- [17] another setting for the autofeeder software

- [18] measure on edge, or nominal
- [19] measure on edge, or nominal
- [20] folded 1x middle, folded 2x thirds, torn, dirty, wet, curled, etc
- [21] these are just working numbers -- the starting and ending ballots are just for a single session, and the total ballots might be for multiple sessions
- [22] aiming for <= 1/500 or <= 0.2%
- [23] these are settings for the autofeeder software
- [24] another setting for the autofeeder software