

Gun #	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007
SKU	1	2	3	4	5	6	7	8	9	10
27092	27097	27259	84050	84055	27049	27142	27047	27143	84054	
700 ADL Youth	700 ADL Synthetic					700 SPS SS		700 SPS SS		
Syn Scoped	Scoped	700 VSF	700 CDL B&C	700 CDL B&C	700 CDL	DM Camo	700 CDL	DM Camo	700 CDL B&C	
G6681961	G6676852	G6657024	G6664552	G6664380	G6636576	T6266701	G6636100	T6267293	G6670533	
22WB	24WB	20WB	15WB	12OB	10BB	21KB	01LB	02WB	25OB	
8/22/2007	8/24/2007	8/20/2007	8/15/2007	7/12/2007	1/10/2007	5/21/2007	2/1/2007	8/2/2007	7/25/2007	
Chatillon Spring Scale SC Tester	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
TP1	4.50	4.25	3.00	4.75	4.25	4.50	4.00	3.75	4.25	3.50
TP2	4.50	4.00	3.25	4.75	4.75	5.00	3.75	3.50	4.25	3.75
TP3	4.25	4.00	3.00	4.75	4.50	4.75	3.75	3.50	4.50	3.50
Avg	4.417	4.083	3.083	4.750	4.500	4.750	3.833	3.583	4.333	3.583
SD	0.144	0.144	0.144	0.000	0.250	0.250	0.144	0.144	0.144	0.144
Chatillon Spring Scale NSC Tester	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
TP1	4.50	4.00	3.50	4.00	5.50	4.75	4.00	4.25	4.25	3.25
TP2	5.50	4.50	3.50	4.75	5.00	4.00	4.00	4.50	4.25	4.00
TP3	5.75	4.25	3.25	4.50	4.75	4.75	4.00	4.00	4.00	4.00
Avg	5.250	4.250	3.417	4.417	5.083	4.500	4.000	4.250	4.167	3.750
SD	0.661	0.250	0.144	0.382	0.362	0.433	0.000	0.250	0.144	0.433
Lyman Digital Scale SC Tester	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
TP1	5.438	5.250	3.875	6.125	5.500	6.188	4.688	4.250	5.250	4.250
TP2	5.563	5.750	3.688	5.563	5.500	5.500	4.625	4.500	5.000	4.250
TP3	5.500	5.625	3.750	5.500	5.250	5.500	4.938	4.438	5.188	4.125
Avg	5.500	5.542	3.771	5.729	5.417	5.729	4.750	4.396	5.146	4.208
SD	0.063	0.260	0.095	0.344	0.144	0.397	0.165	0.130	0.130	0.072
Lyman Digital Scale NSC Tester	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
TP1	5.625	4.438	2.125	3.688	4.813	4.938	4.313	3.938	4.875	4.000
TP2	7.313	5.938	4.125	6.000	6.000	5.750	4.875	5.125	4.938	4.875
TP3	6.875	5.563	3.813	5.688	5.375	5.625	5.000	5.063	5.063	4.875
Avg	6.604	5.313	3.354	5.125	5.396	5.438	4.729	4.708	4.958	4.583
SD	0.876	0.781	1.076	1.255	0.594	0.438	0.366	0.668	0.095	0.505
Dvorak Device SC Tester	JR	SW	SW	SW	SW	SW	SW	SW	SW	SW
TP1	4.336	5.712	3.407	5.294	5.131	5.637	4.857	4.052	4.633	3.782
TP2	4.396	5.423	3.806	5.102	5.017	6.023	4.838	4.105	4.832	3.974
TP3	4.379	5.089	3.808	5.275	5.159	5.458	4.894	4.064	4.915	3.958
TP4	4.412	5.699	3.260	5.472	5.155	5.788	4.829	4.046	4.913	4.034
TP5	4.319	5.302	3.455	5.672	5.170	5.952	4.773	4.057	4.880	4.142
Avg	4.368	5.445	3.467	5.363	5.126	5.772	4.838	4.065	4.835	3.978
SD	0.040	0.266	0.146	0.217	0.063	0.230	0.044	0.023	0.118	0.131

9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007
11	12	13	14	15	16	17	18	19	20	21	22	23	
84270	27343	84174	84262	84012	84217	84217	84051	84051	27011	27011	27339	27339	
700 Mtn LSS	700 SPS DM	700 SPS	Buckmasters Camo	700 Ti	700 CDL SF	Varmint	Varmint	700 CDL B&C	700 CDL B&C	700 CDL	700 CDL	700 SPS DM	700 SPS DM
S6599579	D6631154	F6300481	TT009198	S6598705	G6646024	G6647888	G6663602	G6663521	G6635553	G6635543	G6644808	G6644642	
02LB	23LB	17BB	21WB	29BB	16LB	16LB	15WB	15WB	05LB	05LB	07LB	07LB	
2/2/2007	2/23/2007	1/17/2007	8/21/2007	1/29/2007	2/16/2007	2/16/2007	8/15/2007	8/15/2007	2/5/2007	2/5/2007	2/7/2007	2/7/2007	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
4.25	5.00	4.50	4.75	4.75	4.50	4.50	3.75	4.00	3.75	4.00	4.50	4.00	
4.00	5.00	4.50	4.75	4.75	5.00	4.50	3.75	4.00	3.75	4.00	4.50	5.25	
4.00	5.00	4.25	4.75	4.50	5.00	4.50	3.75	3.50	3.75	4.25	4.25	5.25	
4.083	5.000	4.417	4.750	4.667	4.833	4.500	3.750	3.833	3.750	4.083	4.417	4.833	
0.144	0.000	0.144	0.000	0.144	0.289	0.000	0.000	0.289	0.000	0.144	0.144	0.722	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
4.00	5.00	4.25	5.00	4.25	5.00	4.50	4.00	4.50	4.00	4.00	4.25	5.50	
4.25	5.00	4.25	4.75	5.00	5.25	4.50	4.00	4.50	4.25	3.75	4.25	5.00	
4.25	5.00	4.50	4.50	5.50	5.25	4.50	4.25	4.00	4.25	3.50	4.50	4.75	
4.167	5.000	4.333	4.750	4.917	5.167	4.500	4.083	4.333	4.167	3.750	4.333	5.083	
0.144	0.000	0.144	0.250	0.629	0.144	0.000	0.144	0.289	0.144	0.250	0.144	0.382	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
4.938	7.000	5.438	6.625	5.500	6.313	5.500	4.750	4.625	4.375	5.000	5.500	5.938	
4.938	6.375	5.750	6.563	5.625	6.000	5.688	4.500	4.438	4.313	4.813	5.125	5.875	
4.875	6.188	5.563	6.313	5.250	5.875	5.250	4.563	4.313	4.625	4.688	5.250	5.750	
4.917	6.521	5.583	6.500	5.458	6.063	5.479	4.804	4.458	4.438	4.833	5.292	5.854	
0.036	0.425	0.157	0.165	0.191	0.225	0.219	0.130	0.157	0.165	0.157	0.191	0.095	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
3.938	6.688	5.313	5.875	4.563	5.938	4.500	5.188	4.063	4.625	4.375	5.188	5.875	
4.688	6.750	5.125	6.000	5.375	6.188	5.500	4.938	4.188	4.938	4.313	5.188	5.125	
4.625	7.000	5.188	5.750	6.063	5.875	5.625	4.688	4.063	4.813	4.438	5.313	5.375	
4.417	6.813	5.208	5.875	5.333	6.000	5.208	4.938	4.104	4.792	4.375	5.229	5.458	
0.416	0.165	0.095	0.125	0.751	0.165	0.617	0.250	0.072	0.157	0.063	0.072	0.382	
SW	SW	SW	SW	SW	JR	SW	SW	SW	SW	SW	SW	JR	
4.140	5.574	4.697	5.394	6.026	4.833	4.838	4.263	3.689	4.346	4.161	5.226	5.071	
4.318	5.796	4.702	5.666	5.981	4.838	4.788	4.214	3.802	4.436	3.999	5.110	5.164	
4.374	5.642	4.806	6.046	5.399	4.826	4.787	3.807	4.119	4.258	4.096	5.220	5.032	
4.436	5.817	4.811	5.775	5.659	4.762	4.802	4.174	3.877	4.311	4.308	5.178	5.348	
4.141	5.759	4.788	5.800	5.861	4.786	4.781	4.102	3.843	4.299	3.858	5.220	4.991	
4.282	5.718	4.761	5.736	5.785	4.809	4.799	4.112	3.866	4.330	4.084	5.191	5.121	
0.136	0.105	0.057	0.236	0.258	0.033	0.023	0.180	0.158	0.067	0.169	0.049	0.142	

9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/11/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007
24	25	26	27	28	29	30	31	32	33	34	35	36
27339	27339	27339	27339	27339	27095	27095	27053	27053	27053	27053	27053	27053
700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM	700 ADL Syn	700 ADL Syn	700 CDL	700 CDL	700 CDL	700 CDL	700 CDL	700 CDL
G6644626	G6644667	G6644531	D6631039	G6644822	Scoped	Scoped	G6618936	G6635711	G6588956	G6635930	G6636427	G6636386
07LB	07LB	07LB	07LB	07LB	30WB	30WB	04BB	04BB	04BB	08BB	03BB	03BB
2/7/2007	2/7/2007	2/7/2007	2/7/2007	2/7/2007	8/30/2007	8/30/2007	1/4/2007	1/4/2007	1/4/2007	1/8/2007	1/3/2007	1/3/2007
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
4.25	5.00	4.50	4.00	4.50	4.25	4.50	5.25	4.00	5.00	4.25	3.50	3.50
4.25	5.00	4.50	4.00	4.50	4.25	4.25	5.00	4.25	5.00	4.00	3.50	3.75
4.25	4.75	4.50	4.00	4.75	4.25	4.25	5.25	4.50	5.25	4.00	3.50	3.50
4.250	4.917	4.500	4.000	4.583	4.250	4.333	5.167	4.250	5.083	4.083	3.500	3.583
0.000	0.144	0.000	0.000	0.144	0.000	0.144	0.144	0.250	0.144	0.144	0.000	0.144
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
4.00	4.50	4.00	3.75	4.00	4.75	4.75	5.50	4.25	4.75	4.25	3.50	3.50
4.50	5.00	4.00	3.50	4.25	5.00	4.25	5.75	4.00	5.25	3.75	3.75	3.50
4.75	4.75	4.25	3.75	4.50	4.50	4.50	5.25	3.75	5.00	4.25	3.50	3.50
4.417	4.750	4.083	3.667	4.250	4.750	4.500	5.500	4.000	5.000	4.083	3.583	3.500
0.382	0.250	0.144	0.144	0.250	0.250	0.250	0.250	0.250	0.250	0.289	0.144	0.000
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
4.875	5.250	5.500	4.875	4.625	5.375	5.250	7.063	5.125	6.125	5.063	4.875	4.375
4.875	5.688	5.188	5.000	4.875	5.125	5.063	6.625	4.750	6.125	4.813	4.688	4.625
4.875	5.125	5.563	4.875	4.688	4.813	5.500	6.813	5.250	6.000	4.875	4.313	4.313
4.875	5.354	5.417	4.917	4.729	5.104	5.271	6.833	5.042	6.083	4.917	4.625	4.438
0.000	0.295	0.201	0.072	0.130	0.282	0.219	0.219	0.260	0.072	0.130	0.286	0.165
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	JD
4.938	4.750	3.063	5.188	4.438	5.438	4.813	6.000	5.688	6.125	5.063	2.625	5.438
4.813	5.563	5.438	4.688	5.188	5.438	5.063	7.625	5.313	6.375	4.938	4.438	4.813
4.938	5.188	5.000	4.563	5.000	5.250	5.000	7.125	4.813	6.875	4.938	4.875	4.688
4.896	5.167	4.500	4.813	4.875	5.375	4.958	6.917	5.271	6.458	4.979	3.979	4.979
0.072	0.407	1.264	0.331	0.390	0.108	0.130	0.832	0.439	0.382	0.072	1.193	0.402
SW	SW	SW	JR	SW	SW	SW	SW	SW	SW	SW	SW	SW
4.612	5.147	5.217	3.818	4.845	4.625	5.152	5.914	4.507	5.980	4.482	3.855	4.055
4.590	5.269	5.233	3.901	4.865	4.761	5.285	5.623	4.361	5.920	4.331	4.153	3.907
4.599	4.953	5.040	3.907	4.958	4.972	5.126	5.911	4.676	5.979	4.336	4.171	4.114
4.618	5.093	5.134	3.935	5.004	4.673	5.124	6.034	4.572	5.886	4.342	4.145	4.133
4.599	4.979	5.106	3.975	5.018	4.683	5.176	5.644	4.461	5.968	4.817	3.973	3.928
4.604	5.088	5.146	3.907	4.938	4.743	5.175	5.825	4.515	5.947	4.462	4.059	4.027
0.011	0.129	0.080	0.058	0.079	0.137	0.096	0.182	0.118	0.042	0.208	0.139	0.105

9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007
37	38	39	40	41	42	43	44	45	46	
27053	27053	84171	84171	84171	84171	84171	84171	27335	27335	
700 CDL	700 CDL	700 SPS	700 SPS	700 SPS	700 SPS	700 SPS	700 SPS	700 SPS DM	700 SPS DM	
G6636450	G6588913	Buckmasters Camo	Buckmasters Camo	Buckmasters Camo	Buckmasters Camo	Buckmasters Camo	Buckmasters Camo	D6629503	D6629533	
03BB	04BB	19BB	19BB	19BB	19BB	19BB	19BB	06LB	06LB	
1/3/2007	1/4/2007	1/19/2007	1/19/2007	1/19/2007	1/19/2007	1/19/2007	1/19/2007	2/6/2007	2/6/2007	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	
4.50	4.00	3.25	4.25	4.50	5.25	3.50	4.00	4.00	3.25	
4.25	3.75	3.00	4.50	4.50	5.00	3.75	4.00	4.00	3.00	
4.25	3.50	3.00	4.50	4.75	4.75	3.75	4.00	4.25	3.00	
4.333	3.750	3.083	4.417	4.583	5.000	3.667	4.000	4.083	3.083	
0.144	0.250	0.144	0.144	0.144	0.250	0.144	0.000	0.144	0.144	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	
4.75	3.50	3.50	4.25	4.50	4.75	4.00	4.00	4.25	3.50	
4.25	4.50	3.25	5.00	4.75	5.00	4.50	4.50	4.00	3.25	
4.25	4.50	3.00	4.75	4.75	5.00	4.50	4.75	4.50	3.25	
4.417	4.167	3.250	4.667	4.667	4.917	4.333	4.417	4.250	3.333	
0.289	0.577	0.250	0.382	0.144	0.144	0.289	0.382	0.250	0.144	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	
5.438	4.563	4.875	5.438	6.125	6.063	4.688	5.313	4.625	3.813	
5.125	4.313	4.750	5.438	5.875	6.250	4.750	4.813	5.188	3.938	
4.688	4.313	4.875	5.563	5.813	6.250	4.688	5.125	5.063	3.875	
5.083	4.396	4.833	5.479	5.938	6.188	4.708	5.083	4.958	3.875	
0.377	0.144	0.072	0.072	0.165	0.108	0.036	0.253	0.295	0.063	
JD	JD	JD	JD	JD	JD	JD	JD	JD	JD	
4.938	4.188	5.313	5.688	5.563	6.313	4.938	4.875	4.625	4.000	
5.313	4.188	4.250	5.688	5.750	6.375	5.625	5.313	5.188	3.813	
5.375	4.000	4.000	5.688	5.313	6.250	6.125	5.375	4.875	3.875	
5.208	4.125	4.521	5.688	5.542	6.313	5.563	5.188	4.896	3.896	
0.237	0.108	0.697	0.000	0.219	0.063	0.596	0.272	0.282	0.095	
SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
4.639	4.045	3.393	5.093	5.140	5.625	4.233	4.358	4.850	4.850	
4.249	4.146	3.396	5.026	5.036	5.551	4.218	4.536	4.823	4.823	
4.998	4.248	3.450	5.078	5.049	5.610	4.355	4.350	4.821	4.821	
4.698	4.428	3.430	5.105	5.122	5.630	4.228	4.448	4.866	4.866	
4.647	4.185	3.407	5.190	5.033	5.644	4.323	4.433	4.926	4.926	
4.646	4.210	3.415	5.098	5.076	5.612	4.271	4.425	4.857	4.857	
0.267	0.142	0.024	0.059	0.051	0.036	0.063	0.076	0.043	0.043	

9/12/2007	9/12/2007	9/12/2007	9/12/2007
47	48	49	50
27335	27335	27335	27335
700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM
G6644775	D6630873	G6644706	G6644895
07LB	07LB	07LB	07LB
2/7/2007	2/7/2007	2/7/2007	2/7/2007
JD	JD	JD	JD
4.00	4.00	3.00	4.25
4.25	4.25	3.00	4.00
4.25	4.50	3.00	3.75
4.167	4.250	3.000	4.000
0.144	0.250	0.000	0.250
JD	JD	JD	JD
3.75	4.25	3.50	4.00
4.00	4.25	3.00	4.00
4.25	4.25	3.00	4.25
4.000	4.250	3.167	4.083
0.250	0.000	0.289	0.144
JD	JD	JD	JD
5.563	5.438	3.938	5.250
5.563	5.063	4.063	5.188
5.250	5.563	3.688	5.063
5.458	5.354	3.896	5.167
0.180	0.260	0.191	0.095
JD	JD	JD	JD
4.813	5.563	4.250	4.813
5.313	5.313	3.875	5.313
5.125	5.313	4.313	5.375
5.083	5.396	4.146	5.167
0.253	0.144	0.237	0.308
SW	SW	SW	SW
4.907	4.483	4.077	5.025
5.028	4.710	3.962	5.271
4.870	4.555	4.037	5.089
4.984	4.713	3.892	4.829
5.046	4.768	3.984	5.279
4.967	4.646	3.990	5.099
0.076	0.121	0.071	0.187

Dvorak Device NSC Tester	JR	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
TP1	6.344	5.505	3.380	5.316	5.076	6.009	5.265	4.752	5.282	4.712	
TP2	6.336	5.394	3.591	6.388	5.391	5.962	5.547	4.326	5.062	4.005	
TP3	6.305	5.266	3.604	5.586	5.796	5.763	5.465	4.451	4.980	4.388	
TP4	6.722	5.294	3.636	6.272	6.050	5.853	5.480	4.828	4.918	4.307	
TP5	6.573	5.084	3.597	6.212	5.715	5.806	5.465	4.877	4.931	4.309	
Avg	6.456	5.309	3.562	5.955	5.606	5.879	5.444	4.647	5.035	4.344	
SD	0.183	0.157	0.103	0.474	0.378	0.104	0.106	0.244	0.149	0.252	

SW	SW	SW	SW	SW	JR	SW	SW	SW	SW	SW	SW	JR
4.885	6.072	4.879	5.764	6.018	5.253	5.274	4.111	3.862	5.396	4.320	5.155	5.035
4.608	6.044	4.723	5.773	5.847	5.434	5.241	4.550	3.981	5.042	4.309	5.139	5.062
4.739	6.001	4.700	5.832	5.674	5.491	5.237	4.221	3.646	5.350	4.213	5.107	4.964
4.565	6.010	4.696	5.898	5.344	5.503	5.270	4.155	3.792	5.380	3.914	5.281	5.082
4.736	6.096	4.754	5.986	5.481	5.789	5.250	4.518	3.888	5.048	4.047	5.138	5.096
4.707	6.045	4.750	5.851	5.673	5.494	5.254	4.311	3.834	5.243	4.161	5.164	5.048
0.126	0.040	0.076	0.093	0.271	0.193	0.017	0.208	0.125	0.182	0.176	0.068	0.052

SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
5.445	5.236	5.005	4.523	5.402	5.180	5.495	6.353	4.909	6.469	4.645	4.573	4.198
5.115	5.434	4.957	4.577	5.392	4.887	5.390	5.992	4.866	6.044	4.444	4.822	4.174
4.782	5.115	5.039	4.823	5.539	4.966	5.386	6.468	4.572	6.572	4.691	4.538	4.120
5.193	5.157	5.117	4.674	5.502	4.431	5.264	6.576	4.607	6.480	4.416	4.446	4.258
5.019	5.098	4.984	4.598	5.540	5.060	5.392	5.797	4.694	6.533	4.518	4.499	3.936
5.111	5.208	5.020	4.639	5.475	4.905	5.381	6.237	4.730	6.420	4.543	4.536	4.137
0.242	0.137	0.062	0.116	0.073	0.287	0.082	0.330	0.152	0.214	0.121	0.068	0.123

SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
4.858	4.668	4.072	4.891	5.045	5.512	5.903	5.445	5.258	5.258
4.595	4.498	3.444	5.099	5.131	5.709	5.144	5.342	5.258	5.258
4.903	4.507	3.592	4.874	5.185	5.855	5.331	5.880	5.334	5.334
4.851	4.421	3.691	4.913	5.226	5.501	5.311	5.731	5.089	5.089
4.877	4.346	3.434	5.032	5.250	5.529	5.377	5.061	5.141	5.141
4.817	4.488	3.647	4.962	5.167	5.581	5.413	5.512	5.216	5.216
0.126	0.120	0.261	0.099	0.082	0.095	0.288	0.274	0.099	0.099

SW	SW	SW	SW
5.127	5.039	4.237	5.406
5.077	5.058	4.234	5.281
5.044	5.029	4.444	5.317
5.020	5.078	4.447	5.392
5.069	4.923	4.419	5.331
5.067	5.025	4.356	5.345
0.040	0.060	0.111	0.052

Cell: A1

Comment: metrology1:
normal testing order was spring scale NSC - spring scale SC - Lyman NSC - Lyman SC - Dvorak SC - Dvorak NSC
SC = safety cycling
NSC = no safety cycling

Cell: M2

Comment: metrology1:
OLD TRIGGER

Cell: L17

Comment: metrology1:
measured second

Cell: M17

Comment: metrology1:
measured second

Cell: L33

Comment: metrology1:
measured first

Cell: M33

Comment: metrology1:
measured first

Gun #	1	2	3	4	5	6	7	8	9	10	11
SKU	27092	27097	27259	84050	84055	27049	27142	27047	27143	84054	84270
Description	700 ADL Youth Syn Scoped	700 ADL Synthetic Scoped	700 VSF	700 CDL B&C	700 CDL B&C	700 CDL	700 SPS SS DM Camo	700 SPS SS DM Camo	700 SPS SS DM Camo	700 CDL B&C	700 Mtn LSS
S/N	G6681961	G6676852	G6657024	G6664552	G6664380	G6636576	T6266701	G6636100	T6267293	G6670533	S6599579
Chatillon SC Avg	4.42	4.08	3.08	4.75	4.50	4.75	3.83	3.58	4.33	3.58	4.08
Chatillon NSC Avg	5.25	4.25	3.42	4.42	5.08	4.50	4.00	4.25	4.17	3.75	4.17
Lyman SC Avg	5.50	5.54	3.77	5.73	5.42	5.73	4.75	4.40	5.15	4.21	4.92
Lyman NSC Avg	6.60	5.31	3.35	5.13	5.40	5.44	4.73	4.71	4.96	4.58	4.42
Dvorak SC Avg	4.37	5.45	3.47	5.36	5.13	5.77	4.84	4.06	4.83	3.98	4.28
Dvorak NSC Avg	6.46	5.31	3.56	5.95	5.61	5.88	5.44	4.65	5.03	4.34	4.71
Chatillon SC vs Dvorak SC	0.05	-1.36	-0.38	-0.61	-0.63	-1.02	-1.00	-0.48	-0.50	-0.39	-0.20
Chatillon NSC vs Dvorak SC	0.88	-1.20	-0.05	-0.95	-0.04	-1.27	-0.84	0.19	-0.67	-0.23	-0.12
Lyman SC vs Dvorak SC	1.13	0.10	0.30	0.37	0.29	-0.04	-0.09	0.33	0.31	0.23	0.63
Lyman NSC vs Dvorak SC	2.24	-0.13	-0.11	-0.24	0.27	-0.33	-0.11	0.64	0.12	0.61	0.13
Dvorak SC vs Dvorak SC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvorak NSC vs Dvorak SC	2.09	-0.14	0.09	0.59	0.48	0.11	0.61	0.58	0.20	0.37	0.42
Comparison of Method SD - ALL											
Chatillon SC SD	0.144	0.144	0.144	0.000	0.250	0.250	0.144	0.144	0.144	0.144	0.144
Chatillon NSC SD	0.661	0.250	0.144	0.382	0.382	0.433	0.000	0.250	0.144	0.433	0.144
Lyman SC SD	0.063	0.260	0.095	0.344	0.144	0.397	0.165	0.130	0.130	0.072	0.036
Lyman NSC SD	0.876	0.781	1.078	0.246	0.594	0.438	0.366	0.868	0.095	0.605	0.416
Dvorak SC SD	0.040	0.266	0.146	0.217	0.063	0.230	0.044	0.023	0.118	0.131	0.136
Dvorak NSC SD	0.183	0.157	0.103	0.474	0.378	0.104	0.106	0.244	0.143	0.252	0.126
MAX SD											
MIN SD											
MIN SD ≠ 0											
Tie for MIN SD or MAX SD											
Comparison of Method SD - eliminate Lyman											
Chatillon SC SD	0.144	0.144	0.144	0.000	0.250	0.250	0.144	0.144	0.144	0.144	0.144
Chatillon NSC SD	0.661	0.250	0.144	0.382	0.382	0.433	0.000	0.250	0.144	0.433	0.144
Dvorak SC SD	0.040	0.266	0.146	0.217	0.063	0.230	0.044	0.023	0.118	0.131	0.136
Dvorak NSC SD	0.183	0.157	0.103	0.474	0.378	0.104	0.106	0.244	0.143	0.252	0.126
MAX SD											
MIN SD											
MIN SD ≠ 0											
Tie for MIN SD or MAX SD											
Comparison of Method SD - standard processes											
Chatillon NSC SD	0.661	0.250	0.144	0.382	0.382	0.433	0.000	0.250	0.144	0.433	0.144

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
84174	84262	84012	84217	84217	84051	84051	27011	27011	27339	27339	27339	27339	27339	27339	27339
700 SPS															
Buckmaster Camo	700 Ti	700 CDL SF	700 SPS Varmint	700 SPS Varmint	700 CDL B&C	700 CDL B&C	700 CDL	700 CDL	700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM
F6300481	TT009198	S6598705	G6646024	G6647888	G6663602	G6663521	G6635553	G6635543	G6644808	G6644642	G6644626	G6644667	G6644531	D6631039	G6644822
4.42	4.75	4.67	4.83	4.50	3.75	3.83	3.75	4.08	4.42	4.83	4.25	4.92	4.50	4.00	4.58
4.33	4.75	4.92	5.17	4.50	4.08	4.33	4.17	3.75	4.33	5.08	4.42	4.75	4.08	3.67	4.25
5.58	6.50	5.46	6.06	5.48	4.60	4.46	4.44	4.83	5.29	5.85	4.88	5.35	5.42	4.92	4.73
5.21	5.88	5.33	6.00	5.21	4.94	4.10	4.79	4.38	5.23	5.46	4.90	5.17	4.50	4.81	4.88
4.76	5.74	5.79	4.81	4.80	4.11	3.87	4.33	4.08	5.19	5.12	4.60	5.09	5.15	3.91	4.94
4.75	5.85	5.67	5.49	5.25	4.31	3.83	5.24	4.16	5.16	5.05	5.11	5.21	5.02	4.64	5.48
-0.34	-0.99	-1.12	0.02	-0.30	-0.36	-0.03	-0.58	0.00	-0.77	-0.29	-0.35	-0.17	-0.65	0.09	-0.35
-0.43	-0.99	-0.87	0.36	-0.30	-0.03	0.47	-0.16	-0.33	-0.86	-0.04	-0.19	-0.34	-1.06	-0.24	-0.69
0.82	0.76	-0.33	1.25	0.68	0.49	0.59	0.11	0.75	0.10	0.73	0.27	0.27	0.27	1.01	-0.21
0.45	0.14	-0.45	1.19	0.41	0.83	0.24	0.46	0.29	0.04	0.34	0.29	0.08	-0.65	0.91	-0.06
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-0.01	0.11	-0.11	0.69	0.46	0.20	-0.03	0.91	0.08	-0.03	-0.07	0.51	0.12	-0.13	0.73	0.54
0.144	0.000	0.144	0.289	0.000	0.000	0.289	0.000	0.144	0.144	0.722	0.000	0.144	0.000	0.000	0.144
0.144	0.250	0.629	0.144	0.000	0.144	0.289	0.144	0.250	0.144	0.382	0.382	0.250	0.144	0.144	0.250
0.157	0.165	0.191	0.225	0.219	0.138	0.157	0.165	0.157	0.157	0.095	0.000	0.295	0.201	0.072	0.130
0.095	0.125	0.751	0.165	0.812	0.240	0.072	0.157	0.063	0.072	0.382	0.072	0.407	1.264	0.331	0.331
0.057	0.236	0.258	0.033	0.023	0.180	0.158	0.067	0.169	0.049	0.142	0.011	0.129	0.080	0.058	0.079
0.076	0.093	0.271	0.193	0.017	0.208	0.125	0.182	0.176	0.068	0.052	0.242	0.137	0.062	0.116	0.073
0.144	0.000	0.144	0.289	0.000	0.000	0.289	0.000	0.144	0.144	0.722	0.000	0.144	0.000	0.000	0.144
0.144	0.250	0.629	0.144	0.000	0.144	0.289	0.144	0.250	0.144	0.382	0.382	0.250	0.144	0.144	0.250
0.057	0.236	0.258	0.033	0.023	0.180	0.158	0.067	0.169	0.049	0.142	0.011	0.129	0.080	0.058	0.079
0.076	0.093	0.271	0.193	0.017	0.208	0.125	0.182	0.176	0.068	0.052	0.242	0.137	0.062	0.116	0.073
0.144	0.250	0.629	0.144	0.000	0.144	0.289	0.144	0.250	0.144	0.382	0.382	0.250	0.144	0.144	0.250

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
27095	27095	27053	27053	27053	27053	27053	27053	27053	27053	84171	84171	84171	84171	84171	84171
700 ADL Syn Scoped	700 ADL Syn Scoped	700 CDL	700 CDL	700 CDL	700 CDL	700 CDL	700 CDL	700 CDL	700 CDL	700 SPS Buckmaste rs Camo	700 SPS Buckmaste rs Camo	700 SPS Buckmaste rs Camo	700 SPS Buckmaste rs Camo	700 SPS Buckmaste rs Camo	700 SPS Buckmaste rs Camo
G6679354	G6679368	G6618936	G6635711	G6588956	G6635930	G6636427	G6636386	G6636450	G6588913	G6639742	G6639723	G6642690	G6642664	G6641189	G6642714
4.25	4.33	5.17	4.25	5.08	4.08	3.50	3.58	4.33	3.75	3.08	4.42	4.58	5.00	3.67	4.00
4.75	4.50	5.50	4.00	5.00	4.08	3.58	3.50	4.42	4.17	3.25	4.67	4.67	4.92	4.33	4.42
5.10	5.27	6.83	5.04	6.08	4.92	4.63	4.44	5.08	4.40	4.83	5.48	5.94	6.18	4.71	5.08
5.38	4.96	6.92	5.27	6.46	4.98	3.98	4.98	5.21	4.13	4.52	5.69	5.54	6.31	5.56	5.19
4.74	5.17	5.83	4.52	5.95	4.46	4.06	4.03	4.65	4.21	3.42	5.10	5.08	5.61	4.27	4.43
4.90	5.38	6.24	4.73	6.42	4.54	4.54	4.14	4.82	4.49	3.65	4.96	5.17	5.58	5.41	5.51
-0.49	-0.84	-0.66	-0.27	-0.86	-0.38	-0.56	-0.44	-0.31	-0.46	-0.33	-0.68	-0.49	-0.61	-0.60	-0.43
0.01	-0.67	-0.33	-0.52	-0.95	-0.38	-0.43	-0.53	-0.23	-0.04	-0.17	-0.43	-0.41	-0.70	0.06	-0.01
0.36	0.10	1.01	0.53	0.14	0.46	0.57	0.41	0.44	0.19	1.42	0.38	0.86	0.58	0.44	0.66
0.63	-0.22	1.09	0.76	0.51	0.52	-0.08	0.95	0.56	-0.09	1.11	0.59	0.47	0.70	1.29	0.78
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.16	0.21	0.41	0.21	0.47	0.08	0.48	0.11	0.17	0.28	0.23	-0.14	0.09	-0.03	1.14	1.09
0.000	0.144	0.144	0.250	0.144	0.144	0.000	0.144	0.144	0.250	0.144	0.144	0.144	0.250	0.144	0.000
0.250	0.250	0.250	0.250	0.250	0.289	0.144	0.000	0.289	0.577	0.250	0.382	0.144	0.144	0.289	0.382
0.282	0.219	0.219	0.260	0.072	0.130	0.286	0.165	0.377	0.144	0.072	0.072	0.165	0.108	0.036	0.253
0.108	0.130	0.382	0.438	0.382	0.072	0.193	0.402	0.237	0.108	0.697	0.000	0.219	0.063	0.596	0.272
0.137	0.066	0.182	0.118	0.042	0.208	0.139	0.105	0.267	0.142	0.024	0.059	0.051	0.036	0.063	0.076
0.287	0.082	0.330	0.152	0.214	0.121	0.088	0.123	0.126	0.120	0.261	0.099	0.082	0.095	0.288	0.274
0.000	0.144	0.144	0.250	0.144	0.144	0.000	0.144	0.144	0.250	0.144	0.144	0.144	0.250	0.144	0.000
0.250	0.250	0.250	0.250	0.250	0.289	0.144	0.000	0.289	0.577	0.250	0.382	0.144	0.144	0.289	0.382
0.137	0.066	0.182	0.118	0.042	0.208	0.139	0.105	0.267	0.142	0.024	0.059	0.051	0.036	0.063	0.076
0.287	0.082	0.330	0.152	0.214	0.121	0.088	0.123	0.126	0.120	0.261	0.099	0.082	0.095	0.288	0.274
0.250	0.250	0.250	0.250	0.250	0.289	0.144	0.000	0.289	0.577	0.250	0.382	0.144	0.144	0.289	0.382

45	46	47	48	49	50						Sample Min (mean - 3 SD)	Sample Max (mean + 3 SD)				% nonconforming	
27335	27335	27335	27335	27335	27335												
700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM	700 SPS DM												
D6629503	D6629533	G6644775	D6630873	G6644706	G6644895	Avg	SD	Max	Min	Range			# < LSL	# > USL	# OUT		
4.08	3.08	4.17	4.25	3.00	4.00	4.179	0.535	5.17	3.00	2.17	2.57	5.78	4	0	4	8.2%	
4.25	3.33	4.00	4.25	3.17	4.08	4.299	0.529	5.50	3.17	2.33	2.71	5.89	4	0	4	8.2%	
4.96	3.88	5.46	5.35	3.90	5.17	5.136	0.655	6.83	3.77	3.06	3.17	7.10	0	11	11	22.4%	
4.90	3.90	5.08	5.40	4.15	5.17	5.082	0.692	6.92	3.35	3.56	3.01	7.16	1	9	10	20.4%	
4.86	4.86	4.97	4.65	3.99	5.10	4.729	0.619	5.95	3.42	2.53	2.87	6.59	2	6	8	16.3%	
5.22	5.22	5.07	5.03	4.36	5.35	5.059	0.647	6.46	3.56	2.89	3.12	7.00	0	10	10	20.4%	
-0.77	-1.77	-0.80	-0.40	-0.99	-1.10	-0.551	-0.551										
-0.61	-1.52	-0.97	-0.40	-0.82	-1.02	-0.430	-0.430										
0.10	-0.98	0.49	0.71	-0.09	0.07	0.407	0.407										
0.04	-0.96	0.12	0.75	0.16	0.07	0.353	0.353										
0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000										
0.36	0.36	0.10	0.38	0.37	0.25	0.329	0.329										
						Avg.	SD	MAX	MIN	Range	Including SD = 0 #MIN SD #MAX SD		Not Including SD=0 #MIN SD #MAX SD				
0.144	0.144	0.144	0.250	0.000	0.250	0.142	0.121	0.722	0.000	0.722	15	5	3	5			
0.250	0.144	0.250	0.000	0.289	0.144	0.248	0.146	0.661	0.000	0.661	4	10	0	10			
0.295	0.063	0.180	0.260	0.191	0.095	0.170	0.090	0.397	0.000	0.397	5	5	5	5			
0.282	0.095	0.233	0.144	0.237	0.395	0.333	1.264	0.000	1.264		6	27	6	27			
0.043	0.043	0.076	0.121	0.071	0.187	0.110	0.072	0.267	0.011	0.255	15	0	24	0			
0.099	0.099	0.040	0.060	0.111	0.052	0.154	0.095	0.474	0.017	0.457	6	3	11	3			
												51	50	49	50		

Average of all	SD of all	MAX of all	MIN of all	Range of all
Rawdata	Rawdata	Rawdata	Rawdata	Rawdata
4.179	0.553	5.250	3.000	2.250
4.299	0.575	5.750	3.000	2.750
5.136	0.669	7.063	3.688	3.375
5.082	0.806	7.625	2.125	5.500
4.729	0.625	6.046	3.260	2.786
5.059	0.662	6.722	3.380	3.342

Dvorak SC SD	0.040	0.266	0.146	0.217	0.063	0.230	0.044	0.023	0.118	0.131	0.136
MAX SD											
MIN SD											
MIN SD ≠ 0											
Dvorak SC SD	0.040	0.266	0.146	0.217	0.063	0.230	0.044	0.023	0.118	0.131	0.136
Dvorak NSC SD	0.183	0.157	0.103	0.474	0.378	0.104	0.106	0.244	0.149	0.252	0.126
	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Total		
	17	19	0	0	1	0	2	10	49		

0.057	0.236	0.258	0.033	0.023	0.180	0.158	0.067	0.169	0.049	0.142	0.011	0.129	0.080	0.058	0.079
0.057	0.236	0.258	0.033	0.023	0.180	0.158	0.067	0.169	0.049	0.142	0.011	0.129	0.080	0.058	0.079
0.076	0.093	0.271	0.193	0.017	0.208	0.125	0.182	0.176	0.068	0.052	0.242	0.137	0.062	0.116	0.073

0.137	0.066	0.182	0.118	0.042	0.208	0.139	0.105	0.267	0.142	0.024	0.059	0.051	0.036	0.063	0.076
0.137	0.066	0.182	0.118	0.042	0.208	0.139	0.105	0.267	0.142	0.024	0.059	0.051	0.036	0.063	0.076
0.287	0.082	0.330	0.152	0.214	0.121	0.068	0.123	0.126	0.120	0.261	0.099	0.082	0.095	0.288	0.274

0.043	0.043	0.076	0.121	0.071	0.109	0.110	0.072	0.267	0.011	0.255	41	8	45	4
0.099	0.099	0.040	0.080	0.111	0.156	0.095	0.474	0.017	0.457		49	49	49	49

Cell: M1
 Comment: Jim Ronkainen:
 Gun #12 had old style trigger assembly - data collected for the rifle is not included in this section.

Cell: BD22
 Comment: Jim Ronkainen:
 12 of 15 MINs due to SD = 0, most likely due to spring scale resolution.

Cell: BD23
 Comment: Jim Ronkainen:
 4 of 4 MINs due to SD = 0, most likely due to spring scale resolution.

Cell: BD24
 Comment: Jim Ronkainen:
 1 of 5 MINs due to SD = 0.

Cell: BF24
 Comment: Jim Ronkainen:
 Method has lowest non-zero SD for gun 18.

Cell: BD25
 Comment: Jim Ronkainen:
 1 of 6 MINs due to SD = 0.

Cell: BF25
 Comment: Jim Ronkainen:
 Method has lowest non-zero SD for gun 29.

Cell: BF26
 Comment: Jim Ronkainen:
 Is MIN 9 more times if SD=0 condition is discarded as invalid.

Cell: BD28
 Comment: Jim Ronkainen:
 includes 2 ties for min, hence sum > number of samples

Cell: BE28
 Comment: Jim Ronkainen:
 includes 1 tie for max, hence sum > number of samples

Cell: BF28
 Comment: Jim Ronkainen:
 Ties for MIN SD eliminated so sum = sample size.

Cell: BG28
 Comment: Jim Ronkainen:
 includes 1 tie for max, hence sum > number of samples

Cell: BD34
 Comment: Jim Ronkainen:
 12 of 16 MINs due to SD = 0, most likely due to spring scale resolution.

Cell: BD35
Comment: Jim Ronkainen:
4 of 4 MINs due to SD=0, most likely due to spring scale resolution. 1 MIN SD when SD=0 are thrown out.

Cell: BD36
Comment: Jim Ronkainen:
would be +9 if SD = 0 for Chatillon were eliminated

Cell: BD37
Comment: Jim Ronkainen:
would be +5 if SD = 0 for Chatillon were eliminated

Cell: BD38
Comment: Jim Ronkainen:
includes 2 ties for MIN, hence sum > number of samples

Cell: BE38
Comment: Jim Ronkainen:
includes 5 ties for MAX, hence sum > number of samples

Cell: BF38
Comment: Jim Ronkainen:
includes 2 ties for MIN, hence sum > number of samples

Cell: BG38
Comment: Jim Ronkainen:
includes 5 ties for MAX, hence sum > number of samples

Cell: BD44
Comment: Jim Ronkainen:
4 of 8 MINs due to SD=0, most likely due to spring scale resolution.

Cell: BD45
Comment: Jim Ronkainen:
would be +4 if SD = 0 for Chatillon were eliminated

Chatillon SC Avg
Chatillon NSC Avg
Lyman SC Avg
Lyman NSC Avg
Dvorak SC Avg
Dvorak NSC Avg

Chatillon SC vs Dvorak SC
Chatillon NSC vs Dvorak SC
Lyman SC vs Dvorak SC
Lyman NSC vs Dvorak SC
Dvorak NSC vs Dvorak SC
Dvorak SC vs Dvorak SC

					Sample Min (mean - 3 SD)
Avg	SD	Max	Min	Range	
4.179	0.535	5.167	3.000	2.167	2.573
4.299	0.529	5.500	3.167	2.333	2.712
5.136	0.655	6.833	3.771	3.063	3.173
5.082	0.692	6.917	3.354	3.563	3.007
4.729	0.619	5.947	3.415	2.531	2.871
5.059	0.647	6.456	3.562	2.894	3.118
-0.551					
-0.430					
0.407					
0.353					
0.329					
0.000					

Comparison of Method SD - ALL
Dvorek SC SD
Chatillon SC SD
Dvorak NSC SD
Lyman SC SD
Chatillon NSC SD
Lyman NSC SD

					Including SD = 0 #MIN SD
Avg.	SD	MAX	MIN	Range	
0.110	0.072	0.267	0.011	0.255	15
0.142	0.121	0.722	0.000	0.722	15
0.154	0.095	0.474	0.017	0.457	6
0.170	0.090	0.397	0.000	0.397	5
0.248	0.146	0.661	0.000	0.661	4
0.395	0.333	1.264	0.000	1.264	6

Comparison of Method SD - standard processes
Chatillon NSC SD
Dvorak SC SD

					Including SD = 0 #MIN SD
Avg.	SD	MAX	MIN	Range	
0.248	0.146	0.661	0.000	0.661	8
0.110	0.072	0.267	0.011	0.255	41

http://www.chatillon.com/Our%20Products/Chatillon%20Weighing%20Scales/fish%26game_product/IN_fishscale.html

Sample Max (mean + 3 SD)	# < LSL	# > USL	# OUT	% nonconform ing
5.784	4	0	4	8.2%
5.886	4	0	4	8.2%
7.100	0	11	11	22.4%
7.153	1	9	10	20.4%
6.583	2	6	8	16.3%
7.000	0	10	10	20.4%

Not Including SD=0		
#MAX SD	#MIN SD	#MAX SD
0	24	0
5	3	5
3	11	3
5	5	5
10	0	10
27	6	27

Not Including SD=0			% of trials method had lowest SD for an individual gun
#MAX SD	#MIN SD	#MAX SD	
41	4	45	8.2%
8	45	4	91.8%

				nonconformin	
				%	b
# < LSL	# > USL	# OUT			
4	0	4		8.2%	
4	0	4		8.2%	
0	11	11		22.4%	
1	9	10		20.4%	
2	6	8		16.3%	
0	10	10		20.4%	

Chatillon SC Avg
Chatillon NSC Avg
Lyman SC Avg
Lyman NSC Avg
Dvorak SC Avg
Dvorak NSC Avg

	Gun #	SKU	Description	S/N	Date Code	Date	Chatillon Spring Scale SC	Tester	TP1	TP2	TP3	Avg
9/11/2007	20	27011	700 CDL	G6635553	05LB	2/5/2007		JD	3.75	3.75	3.75	3.750
9/11/2007	21	27011	700 CDL	G6635543	05LB	2/5/2007		JD	4.00	4.00	4.25	4.083
9/11/2007	8	27047	700 CDL	G6636100	01LB	2/1/2007		JD	3.75	3.50	3.50	3.583
9/11/2007	6	27049	700 CDL	G6636576	10BB	1/10/2007		JD	4.50	5.00	4.75	4.750
9/12/2007	35	27053	700 CDL	G6636427	03BB	1/3/2007		JD	3.50	3.50	3.50	3.500
9/12/2007	36	27053	700 CDL	G6636386	03BB	1/3/2007		JD	3.50	3.75	3.50	3.583
9/12/2007	37	27053	700 CDL	G6636450	03BB	1/3/2007		JD	4.50	4.25	4.25	4.333
9/12/2007	31	27053	700 CDL	G6618936	04BB	1/4/2007		JD	5.25	5.00	5.25	5.167
9/12/2007	32	27053	700 CDL	G6635711	04BB	1/4/2007		JD	4.00	4.25	4.50	4.250
9/12/2007	33	27053	700 CDL	G6588956	04BB	1/4/2007		JD	5.00	5.00	5.25	5.083
9/12/2007	38	27053	700 CDL	G6588913	04BB	1/4/2007		JD	4.00	3.75	3.50	3.750
9/12/2007	34	27053	700 CDL	G6635930	08BB	1/8/2007		JD	4.25	4.00	4.00	4.083
9/11/2007	1	27092	700 ADL Youth Syn Scoped	G6681961	22WB	8/22/2007		JD	4.50	4.50	4.25	4.417
9/11/2007	29	27095	700 ADL Syn Scoped	G6679354	30WB	8/30/2007		JD	4.25	4.25	4.25	4.250
9/11/2007	30	27095	700 ADL Syn Scoped	G6679368	30WB	8/30/2007		JD	4.50	4.25	4.25	4.333
9/11/2007	2	27097	700 ADL Synthetic Scoped	G6676852	24WB	8/24/2007		JD	4.25	4.00	4.00	4.083
9/11/2007	7	27142	700 SPS SS DM Camo	T6266701	21KB	5/21/2007		JD	4.00	3.75	3.75	3.833
9/11/2007	9	27143	700 SPS SS DM Camo	T6267293	02WB	8/2/2007		JD	4.25	4.25	4.50	4.333
9/11/2007	3	27259	700 VSF	G6657024	20WB	8/20/2007		JD	3.00	3.25	3.00	3.083
9/12/2007	45	27335	700 SPS DM	D6629503	06LB	2/6/2007		JD	4.00	4.00	4.25	4.083
9/12/2007	46	27335	700 SPS DM	D6629533	06LB	2/6/2007		JD	3.25	3.00	3.00	3.083
9/12/2007	47	27335	700 SPS DM	G6644775	07LB	2/7/2007		JD	4.00	4.25	4.25	4.167
9/12/2007	48	27335	700 SPS DM	D6630873	07LB	2/7/2007		JD	4.00	4.25	4.50	4.250
9/12/2007	49	27335	700 SPS DM	G6644706	07LB	2/7/2007		JD	3.00	3.00	3.00	3.000
9/12/2007	50	27335	700 SPS DM	G6644895	07LB	2/7/2007		JD	4.25	4.00	3.75	4.000
9/11/2007	22	27339	700 SPS DM	G6644808	07LB	2/7/2007		JD	4.50	4.50	4.25	4.417
9/11/2007	23	27339	700 SPS DM	G6644642	07LB	2/7/2007		JD	4.00	5.25	5.25	4.833
9/11/2007	24	27339	700 SPS DM	G6644626	07LB	2/7/2007		JD	4.25	4.25	4.25	4.250
9/11/2007	25	27339	700 SPS DM	G6644667	07LB	2/7/2007		JD	5.00	5.00	4.75	4.917
9/11/2007	26	27339	700 SPS DM	G6644531	07LB	2/7/2007		JD	4.50	4.50	4.50	4.500
9/11/2007	27	27339	700 SPS DM	D6631039	07LB	2/7/2007		JD	4.00	4.00	4.00	4.000
9/11/2007	28	27339	700 SPS DM	G6644822	07LB	2/7/2007		JD	4.50	4.50	4.75	4.583
9/11/2007	12	27343	700 SPS DM	D6631154	23LB	2/23/2007		JD	5.00	5.00	5.00	5.000
9/11/2007	15	84012	700 CDL SF	S6598705	29BB	1/29/2007		JD	4.75	4.75	4.50	4.667
9/11/2007	4	84050	700 CDL B&C	G6664552	15WB	8/15/2007		JD	4.75	4.75	4.75	4.750
9/11/2007	18	84051	700 CDL B&C	G6663602	15WB	8/15/2007		JD	3.75	3.75	3.75	3.750
9/11/2007	19	84051	700 CDL B&C	G6663521	15WB	8/15/2007		JD	4.00	4.00	3.50	3.833
9/11/2007	10	84054	700 CDL B&C	G6670533	25OB	7/25/2007		JD	3.50	3.75	3.50	3.583
9/11/2007	5	84055	700 CDL B&C	G6664380	12OB	7/12/2007		JD	4.25	4.75	4.50	4.500

SD	Chatillon Spring Scale NSC	Tester	TP1	TP2	TP3	Avg	SD	Lyman Digital Scale SC	Tester	TP1	TP2
0.000		JD	4.00	4.25	4.25	4.167	0.144		JD	4.375	4.313
0.144		JD	4.00	3.75	3.50	3.750	0.250		JD	5.000	4.813
0.144		JD	4.25	4.50	4.00	4.250	0.250		JD	4.250	4.500
0.250		JD	4.75	4.00	4.75	4.500	0.433		JD	6.188	5.500
0.000		JD	3.50	3.75	3.50	3.583	0.144		JD	4.875	4.688
0.144		JD	3.50	3.50	3.50	3.500	0.000		JD	4.375	4.625
0.144		JD	4.75	4.25	4.25	4.417	0.289		JD	5.438	5.125
0.144		JD	5.50	5.75	5.25	5.500	0.250		JD	7.063	6.625
0.250		JD	4.25	4.00	3.75	4.000	0.250		JD	5.125	4.750
0.144		JD	4.75	5.25	5.00	5.000	0.250		JD	6.125	6.125
0.250		JD	3.50	4.50	4.50	4.167	0.577		JD	4.563	4.313
0.144		JD	4.25	3.75	4.25	4.083	0.289		JD	5.063	4.813
0.144		JD	4.50	5.50	5.75	5.250	0.661		JD	5.438	5.563
0.000		JD	4.75	5.00	4.50	4.750	0.250		JD	5.375	5.125
0.144		JD	4.75	4.25	4.50	4.500	0.250		JD	5.250	5.063
0.144		JD	4.00	4.50	4.25	4.250	0.250		JD	5.250	5.750
0.144		JD	4.00	4.00	4.00	4.000	0.000		JD	4.688	4.625
0.144		JD	4.25	4.25	4.00	4.167	0.144		JD	5.250	5.000
0.144		JD	3.50	3.50	3.25	3.417	0.144		JD	3.875	3.688
0.144		JD	4.25	4.00	4.50	4.250	0.250		JD	4.625	5.188
0.144		JD	3.50	3.25	3.25	3.333	0.144		JD	3.813	3.938
0.144		JD	3.75	4.00	4.25	4.000	0.250		JD	5.563	5.563
0.250		JD	4.25	4.25	4.25	4.250	0.000		JD	5.438	5.063
0.000		JD	3.50	3.00	3.00	3.167	0.289		JD	3.938	4.063
0.250		JD	4.00	4.00	4.25	4.083	0.144		JD	5.250	5.188
0.144		JD	4.25	4.25	4.50	4.333	0.144		JD	5.500	5.125
0.722		JD	5.50	5.00	4.75	5.083	0.382		JD	5.938	5.875
0.000		JD	4.00	4.50	4.75	4.417	0.382		JD	4.875	4.875
0.144		JD	4.50	5.00	4.75	4.750	0.250		JD	5.250	5.688
0.000		JD	4.00	4.00	4.25	4.083	0.144		JD	5.500	5.188
0.000		JD	3.75	3.50	3.75	3.667	0.144		JD	4.875	5.000
0.144		JD	4.00	4.25	4.50	4.250	0.250		JD	4.625	4.875
0.000		JD	5.00	5.00	5.00	5.000	0.000		JD	7.000	6.375
0.144		JD	4.25	5.00	5.50	4.917	0.629		JD	5.500	5.625
0.000		JD	4.00	4.75	4.50	4.417	0.382		JD	6.125	5.563
0.000		JD	4.00	4.00	4.25	4.083	0.144		JD	4.750	4.500
0.289		JD	4.50	4.50	4.00	4.333	0.289		JD	4.625	4.438
0.144		JD	3.25	4.00	4.00	3.750	0.433		JD	4.250	4.250
0.250		JD	5.50	5.00	4.75	5.083	0.382		JD	5.500	5.500

Lyman Digital Scale NSC				Dvorak Device SC			
TP3	Avg	SD	Tester	TP1	TP2	TP3	Tester
4.625	4.438	0.165	JD	4.625	4.938	4.813	SW
4.688	4.833	0.157	JD	4.375	4.313	4.438	SW
4.438	4.396	0.130	JD	3.938	5.125	5.063	SW
5.500	5.729	0.397	JD	4.938	5.750	5.625	SW
4.313	4.625	0.286	JD	2.625	4.438	4.875	SW
4.313	4.438	0.165	JD	5.438	4.813	4.688	SW
4.688	5.083	0.377	JD	4.938	5.313	5.375	SW
6.813	6.833	0.219	JD	6.000	7.625	7.125	SW
5.250	5.042	0.260	JD	5.688	5.313	4.813	SW
6.000	6.083	0.072	JD	6.125	6.375	6.875	SW
4.313	4.396	0.144	JD	4.188	4.188	4.000	SW
4.875	4.917	0.130	JD	5.063	4.938	4.938	SW
5.500	5.500	0.063	JD	5.625	7.313	6.875	JR
4.813	5.104	0.282	JD	5.438	5.438	5.250	SW
5.500	6.271	0.219	JD	4.813	5.063	5.000	SW
5.625	5.542	0.260	JD	4.438	5.938	5.563	SW
4.938	4.750	0.165	JD	4.313	4.875	5.000	SW
5.188	5.146	0.130	JD	4.875	4.938	5.063	SW
3.750	3.771	0.095	JD	2.125	4.125	3.813	SW
5.063	4.958	0.295	JD	4.625	5.188	4.875	SW
3.875	3.875	0.063	JD	4.000	3.813	3.875	SW
5.250	5.458	0.180	JD	4.813	5.313	5.125	SW
5.563	5.354	0.260	JD	5.563	5.313	5.313	SW
3.688	3.896	0.191	JD	4.250	3.875	4.313	SW
5.063	5.167	0.095	JD	4.813	5.313	5.375	SW
5.250	5.292	0.191	JD	5.188	5.188	5.313	SW
5.750	5.854	0.095	JD	5.875	5.125	5.375	JR
4.875	4.875	0.000	JD	4.938	4.813	4.938	SW
5.125	5.354	0.295	JD	4.750	5.563	5.188	SW
5.563	5.417	0.201	JD	3.063	5.438	5.000	SW
4.875	4.917	0.072	JD	5.188	4.688	4.563	JR
4.688	4.729	0.130	JD	4.438	5.188	5.000	SW
6.188	6.521	0.425	JD	6.688	6.750	7.000	SW
5.250	5.458	0.191	JD	4.563	5.375	6.063	SW
5.500	5.729	0.344	JD	3.688	6.000	5.888	SW
4.563	4.604	0.130	JD	5.188	4.938	4.688	SW
4.313	4.458	0.157	JD	4.063	4.188	4.063	SW
4.125	4.208	0.072	JD	4.000	4.875	4.875	SW
5.250	5.417	0.144	JD	4.813	6.000	5.375	SW

TP2	TP3	TP4	TP5	Avg	SD	Dvorak Device NSC	Tester	TP1	TP2	TP3	TP4	TP5	Avg	SD
4.436	4.258	4.311	4.299	4.330	0.067		SW	5.396	5.042	5.350	5.380	5.048	5.243	0.182
3.999	4.096	4.308	3.858	4.084	0.169		SW	4.320	4.309	4.213	3.914	4.047	4.161	0.176
4.105	4.064	4.046	4.057	4.085	0.023		SW	4.752	4.326	4.451	4.828	4.877	4.647	0.244
6.023	5.458	5.788	5.952	5.772	0.230		SW	6.009	5.962	5.763	5.853	5.806	5.879	0.104
4.153	4.171	4.145	3.973	4.059	0.139		SW	4.573	4.622	4.538	4.446	4.499	4.538	0.068
3.907	4.114	4.133	3.928	4.027	0.105		SW	4.198	4.174	4.120	4.258	3.936	4.137	0.123
4.249	4.998	4.698	4.647	4.646	0.267		SW	4.858	4.595	4.903	4.851	4.877	4.817	0.126
5.623	5.911	6.034	5.644	5.825	0.182		SW	6.353	5.992	6.468	6.576	5.797	6.237	0.330
4.361	4.676	4.572	4.461	4.515	0.118		SW	4.909	4.866	4.572	4.607	4.694	4.730	0.152
5.920	5.979	5.886	5.968	5.947	0.042		SW	6.469	6.044	6.572	6.480	6.533	6.420	0.214
4.146	4.248	4.428	4.185	4.210	0.142		SW	4.668	4.498	4.507	4.421	4.346	4.488	0.120
4.331	4.336	4.342	4.817	4.462	0.208		SW	4.645	4.444	4.691	4.416	4.518	4.543	0.121
4.396	4.379	4.412	4.319	4.368	0.040		JR	6.344	6.336	6.305	6.722	6.573	6.458	0.183
4.761	4.972	4.673	4.683	4.743	0.137		SW	5.180	4.887	4.966	4.431	5.060	4.905	0.287
5.285	5.126	5.124	5.176	5.175	0.066		SW	5.495	5.390	5.366	5.264	5.392	5.381	0.082
5.423	5.089	5.699	5.302	5.445	0.266		SW	5.505	5.394	5.266	5.294	5.084	5.309	0.157
4.838	4.894	4.829	4.773	4.838	0.044		SW	5.265	5.547	5.465	5.480	5.465	5.444	0.106
4.832	4.915	4.913	4.880	4.835	0.118		SW	5.282	5.062	4.980	4.918	4.931	5.035	0.149
3.606	3.606	3.260	3.455	3.467	0.146		SW	3.380	3.591	3.604	3.636	3.597	3.562	0.103
4.823	4.821	4.866	4.926	4.857	0.043		SW	5.258	5.258	5.334	5.089	5.141	5.218	0.099
4.823	4.821	4.866	4.926	4.857	0.043		SW	5.258	5.258	5.334	5.089	5.141	5.218	0.099
5.028	4.870	4.984	5.046	4.967	0.076		SW	5.127	5.077	5.044	5.020	5.069	5.067	0.040
4.710	4.555	4.713	4.768	4.646	0.121		SW	5.039	5.058	5.029	5.078	4.923	5.025	0.060
3.962	4.037	3.892	3.984	3.990	0.071		SW	4.237	4.234	4.444	4.447	4.419	4.358	0.111
5.271	5.089	4.829	5.279	5.099	0.187		SW	5.406	5.281	5.317	5.392	5.331	5.345	0.052
5.110	5.220	5.178	5.220	5.191	0.049		SW	5.155	5.139	5.107	5.281	5.138	5.164	0.068
5.164	5.032	5.348	4.991	5.121	0.142		JR	5.035	5.062	4.964	5.082	5.096	5.048	0.052
4.590	4.599	4.618	4.599	4.604	0.011		SW	5.445	5.115	4.782	5.193	5.019	5.111	0.242
5.269	4.953	5.093	4.979	5.088	0.129		SW	5.236	5.434	5.115	5.157	5.098	5.208	0.137
5.233	5.040	5.134	5.106	5.146	0.080		SW	5.005	4.957	5.039	5.117	4.984	5.020	0.062
3.901	3.907	3.935	3.975	3.907	0.058		SW	4.523	4.577	4.823	4.674	4.598	4.639	0.116
4.885	4.958	5.004	5.018	4.938	0.079		SW	5.402	5.392	5.539	5.502	5.540	5.475	0.073
5.796	5.642	5.817	5.759	5.718	0.105		SW	6.072	6.044	6.001	6.010	6.096	6.045	0.040
5.981	5.399	5.659	5.861	5.785	0.258		SW	6.018	5.847	5.674	5.344	5.481	5.673	0.271
5.102	5.275	5.472	5.672	5.363	0.217		SW	5.316	6.388	5.586	6.272	6.212	5.955	0.474
4.214	3.807	4.174	4.102	4.112	0.180		SW	4.111	4.550	4.221	4.155	4.518	4.311	0.208
3.802	4.119	3.877	3.843	3.866	0.158		SW	3.862	3.981	3.646	3.792	3.888	3.834	0.125
3.974	3.956	4.034	4.142	3.978	0.131		SW	4.712	4.005	4.388	4.307	4.309	4.344	0.252
5.017	5.159	5.155	5.170	5.128	0.063		SW	5.076	5.391	5.796	6.050	5.715	5.608	0.378

9/12/2007	39	84171	700 SPS Buckmasters Camo	G6639742	19BB	1/19/2007	JD	3.25	3.00	3.00	3.083
9/12/2007	40	84171	700 SPS Buckmasters Camo	G6639723	19BB	1/19/2007	JD	4.25	4.50	4.50	4.417
9/12/2007	41	84171	700 SPS Buckmasters Camo	G6642690	19BB	1/19/2007	JD	4.50	4.50	4.75	4.583
9/12/2007	42	84171	700 SPS Buckmasters Camo	G6642664	19BB	1/19/2007	JD	5.25	5.00	4.75	5.000
9/12/2007	43	84171	700 SPS Buckmasters Camo	G6641189	19BB	1/19/2007	JD	3.50	3.75	3.75	3.667
9/12/2007	44	84171	700 SPS Buckmasters Camo	G6642714	19BB	1/19/2007	JD	4.00	4.00	4.00	4.000
9/11/2007	13	84174	700 SPS Buckmasters Camo	F6300481	17BB	1/17/2007	JD	4.50	4.50	4.25	4.417
9/11/2007	16	84217	700 SPS Varmint	G6646024	16LB	2/16/2007	JD	4.50	5.00	5.00	4.833
9/11/2007	17	84217	700 SPS Varmint	G6647888	16LB	2/16/2007	JD	4.50	4.50	4.50	4.500
9/11/2007	14	84262	700 TI	TT009198	21WB	8/21/2007	JD	4.75	4.75	4.75	4.750
9/11/2007	11	84270	700 Mtn LSS	S6599579	02LB	2/2/2007	JD	4.25	4.00	4.00	4.083

JD	<u>4.875</u>	4.750
JD	<u>5.438</u>	5.438
JD	<u>6.125</u>	5.875
JD	<u>6.063</u>	6.250
JD	<u>4.688</u>	4.750
JD	<u>5.313</u>	4.813
JD	<u>5.438</u>	5.750
JD	<u>6.313</u>	6.000
JD	<u>5.500</u>	5.688
JD	<u>6.625</u>	6.563
JD	<u>4.938</u>	4.938

JD	<u>3.50</u>	3.25	<u>3.00</u>	<u>3.250</u>	0.250
JD	<u>4.25</u>	5.00	<u>4.75</u>	<u>4.667</u>	0.382
JD	<u>4.50</u>	4.75	<u>4.75</u>	<u>4.667</u>	0.144
JD	<u>4.75</u>	5.00	<u>5.00</u>	<u>4.917</u>	0.144
JD	<u>4.00</u>	4.50	<u>4.50</u>	<u>4.333</u>	0.289
JD	<u>4.00</u>	4.50	<u>4.75</u>	<u>4.417</u>	0.382
JD	<u>4.25</u>	4.25	<u>4.50</u>	<u>4.333</u>	0.144
JD	<u>5.00</u>	5.25	<u>5.25</u>	<u>5.167</u>	0.144
JD	<u>4.50</u>	4.50	<u>4.50</u>	<u>4.500</u>	0.000
JD	<u>5.00</u>	4.75	<u>4.50</u>	<u>4.750</u>	0.250
JD	<u>4.00</u>	4.25	<u>4.25</u>	<u>4.167</u>	0.144

<u>0.144</u>
<u>0.144</u>
<u>0.144</u>
<u>0.250</u>
<u>0.144</u>
<u>0.000</u>
<u>0.144</u>
<u>0.289</u>
<u>0.000</u>
<u>0.000</u>
<u>0.144</u>

SW	3.393
SW	5.093
SW	5.140
SW	5.625
SW	4.233
SW	4.358
SW	4.697
JR	4.833
SW	4.838
SW	5.394
SW	4.140

JD	5.313	4.250	4.000	4.521	0.697
JD	5.688	5.688	5.688	5.688	0.000
JD	5.563	5.750	5.313	5.542	0.219
JD	6.313	6.375	6.250	6.313	0.063
JD	4.938	5.625	6.125	5.563	0.596
JD	4.875	5.313	5.375	5.188	0.272
JD	5.313	5.125	5.188	5.208	0.095
JD	5.938	6.188	5.875	6.000	0.165
JD	4.500	5.500	5.625	5.208	0.617
JD	5.875	6.000	5.750	5.875	0.125
JD	3.938	4.688	4.625	4.417	0.416

4.875	4.833	0.072
5.563	5.479	0.072
5.813	5.938	0.165
6.250	6.188	0.108
4.688	4.708	0.036
5.125	5.083	0.253
5.563	5.583	0.157
5.875	6.063	0.225
5.250	5.479	0.219
6.313	6.500	0.165
4.875	4.917	0.036

SW	4.072	3.444	3.592	3.691	3.434	3.647	0.261
SW	4.891	5.099	4.874	4.913	5.032	4.962	0.099
SW	5.045	5.131	5.185	5.226	5.250	5.167	0.082
SW	5.512	5.709	5.655	5.501	5.529	5.581	0.095
SW	5.903	5.144	5.331	5.311	5.377	5.413	0.288
SW	5.445	5.642	5.680	5.731	5.061	5.512	0.274
SW	4.879	4.723	4.700	4.696	4.754	4.750	0.076
JR	5.253	5.434	5.491	5.503	5.789	5.494	0.193
SW	5.274	5.241	5.237	5.270	5.250	5.254	0.017
SW	5.764	5.773	5.832	5.898	5.986	5.851	0.093
SW	4.885	4.608	4.739	4.565	4.736	4.707	0.126

3.396	3.450	3.430	3.407	3.415	0.024
5.026	5.076	5.105	5.190	5.098	0.059
5.036	5.049	5.122	5.033	5.076	0.051
5.551	5.610	5.630	5.644	5.612	0.036
4.218	4.355	4.228	4.323	4.271	0.063
4.536	4.350	4.448	4.433	4.425	0.076
4.702	4.806	4.811	4.788	4.761	0.057
4.838	4.826	4.762	4.786	4.809	0.033
4.788	4.787	4.802	4.781	4.799	0.023
5.666	6.046	5.775	5.800	5.736	0.236
4.318	4.374	4.436	4.141	4.282	0.138

Cell: A1
Comment: metrology1:
normal testing order was spring scale NSC - spring scale SC - Lyman NSC - Lyman SC - Dvorak SC - Dvorak NSC
SC = safety cycling
NSC = no safety cycling

Cell: B34
Comment: metrology1:
OLD TRIGGER

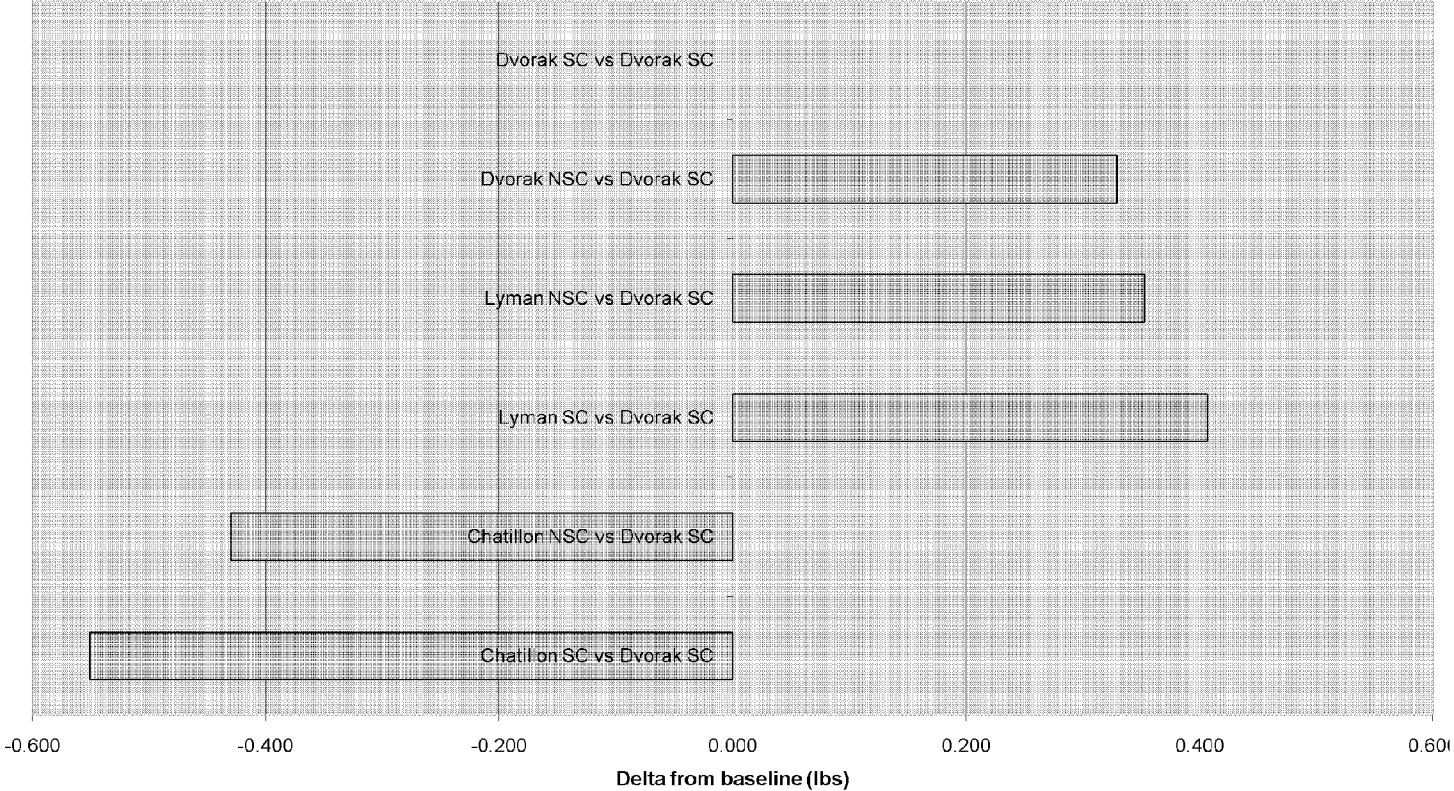
Cell: Q34
Comment: metrology1:
measured second

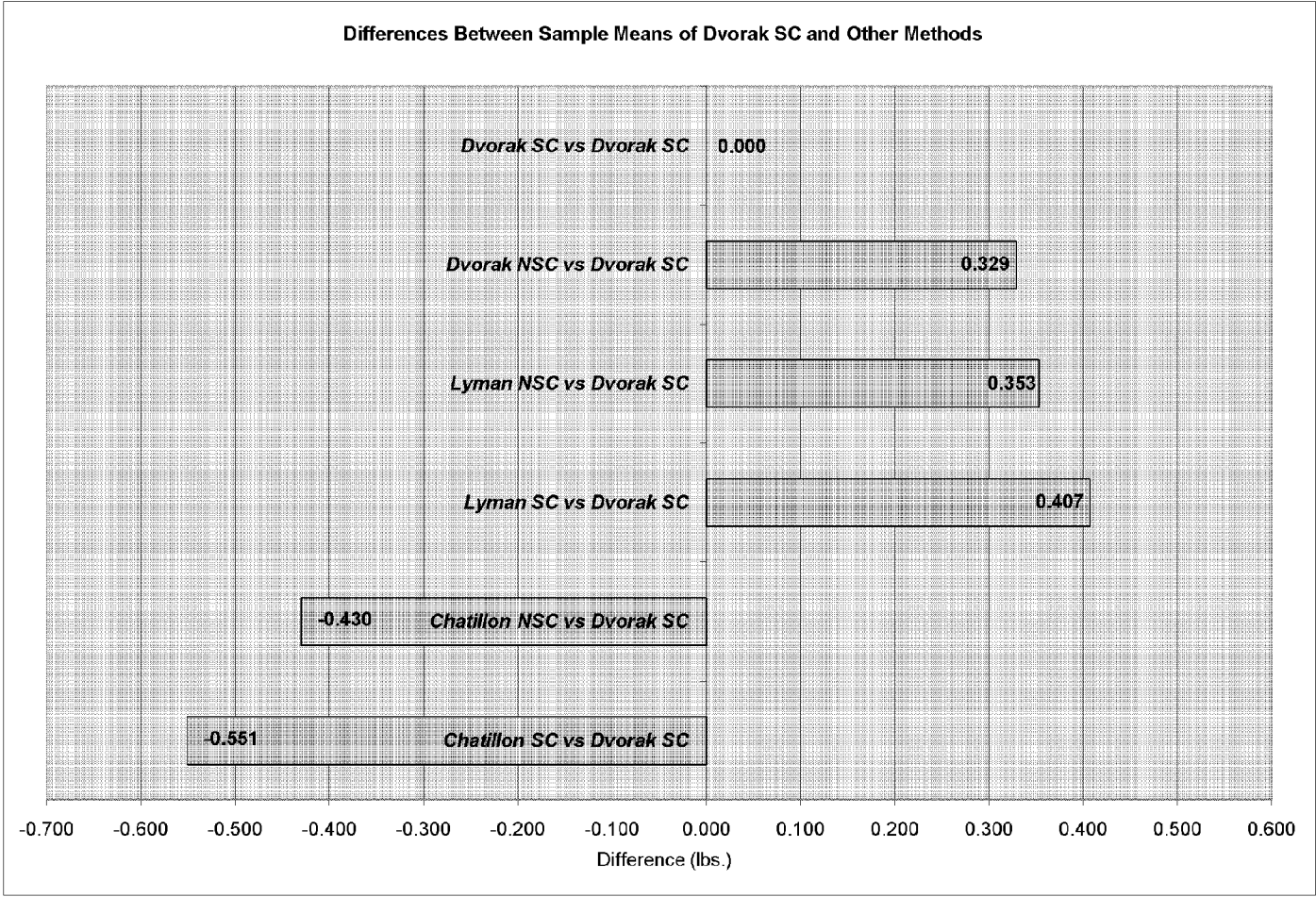
Cell: AG34
Comment: metrology1:
measured first

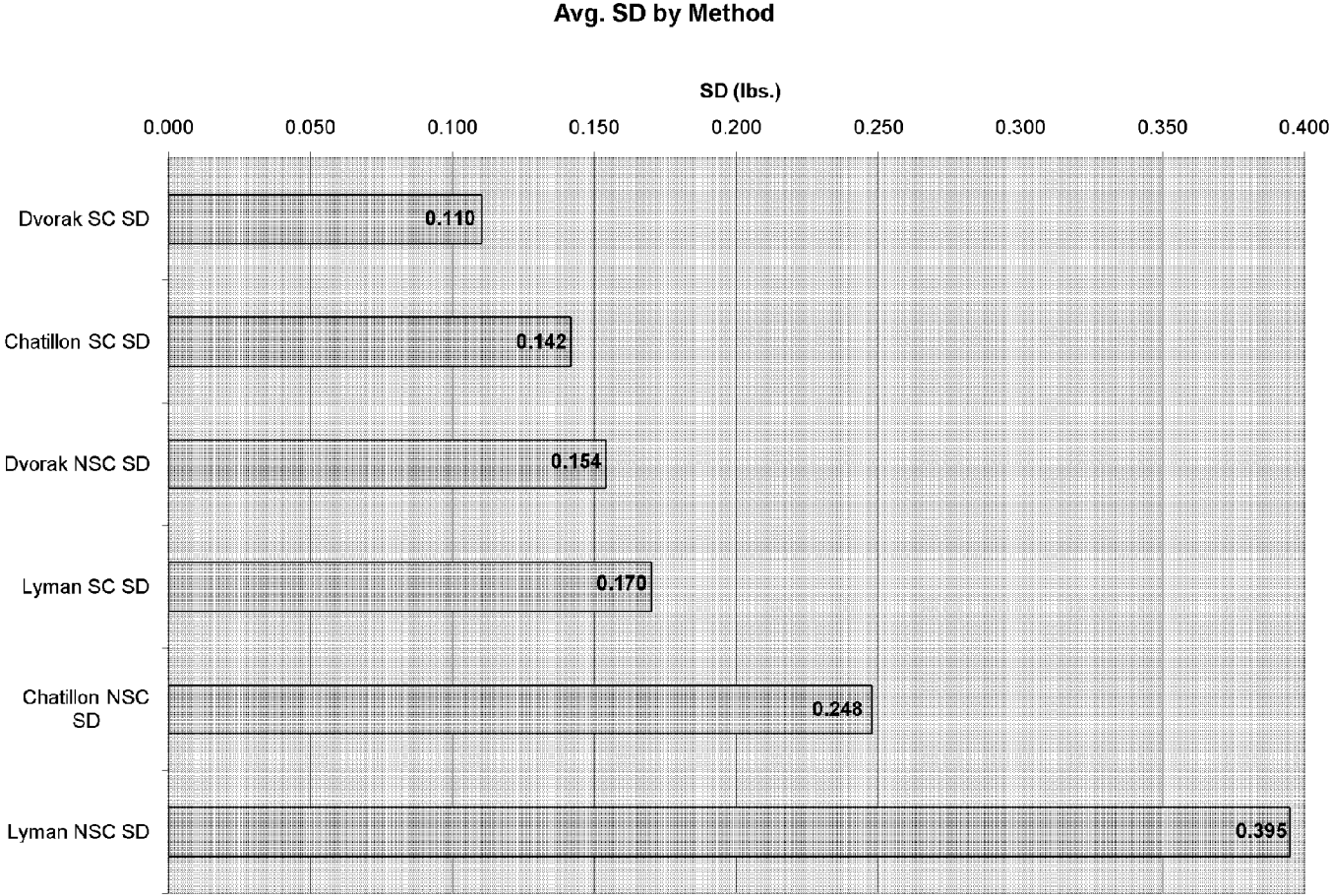
Cell: Q51
Comment: metrology1:
measured second

Cell: AG51
Comment: metrology1:
measured first

Comparison of Mean Measurement Values by Method







Date Range for Audited Guns

