

PROJECT# 241095							
TLW 0323							
DETERMINE IF POI AND GROUP SIZE CHANGE ON A SCOPED M/710 30.06 RIFLE							
OVER A 40 RD FIRING INTERVAL.							
GROUP SIZES							
GUN	SCOPE	AMMO	GROUP#1	GROUP#2	GROUP#3	AVERAGE	
B-4	BUSHNELL	REM R30064 180GR	1.372	1.744	1.136	1.4173333	
#1							
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
			X	0.09	0.581	0.461	0.3773333
			Y	-0.366	-1.014	-0.748	-0.7093333
GROUP SIZES							
AFTER 20 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
			1.134	1.602	1.368	1.368	
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
AFTER 20 RDS SHOT FROM SHOULDER			X	0.953	1.054	0.413	0.8066667
			Y	-0.961	-1.003	-1.125	-1.0286667
GROUP SIZES							
AFTER 40 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
			1.362	1.303	2.036	1.567	
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
AFTER 40 RDS SHOT FROM SHOULDER			X	0.169	0.193	-0.35	0.004
			Y	-1.062	-0.999	-0.903	-0.988
GROUP SIZES							
GUN	SCOPE	AMMO	GROUP#1	GROUP#2	GROUP#3	AVERAGE	
B-7	BUSHNELL	REM R30064 180GR	1.266	1.419	1.452	1.379	
#2							
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
			X	1.13	1.978	1.905	1.671
			Y	0.2445	0.278	0.352	0.2915
GROUP SIZES							
AFTER 20 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
			1.335	0.942	1.833	1.37	
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
AFTER 20 RDS SHOT FROM SHOULDER			X	2.156	1.985	2.273	2.138
			Y	0.169	0.509	0.512	0.3966667
GROUP SIZES							
AFTER 40 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
			1.763	1.84	1.373	1.6586667	
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE	
AFTER 40 RDS SHOT FROM SHOULDER			X	2.169	2.852	2.619	2.5466667
			Y	0.505	0.347	0.647	0.4996667

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GROUP SIZES						
GUN	SCOPE	AMMO	GROUP#1	GROUP#2	GROUP#3	AVERAGE
B-5	TASCO	REM R30064 180GR	2.651	1.029	0.901	1.527
	#1					
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE
		X	0.05	0.365	0.263	0.226
		Y	-0.319	-0.233	-0.083	-0.2116667
GROUP SIZES						
AFTER 20 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE
			1.759	1.051	0.967	1.259
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE
AFTER 20 RDS SHOT FROM SHOULDER			X	-0.048	0.175	0.729
		Y	-0.145	0.104	-0.08	-0.0403333
GROUP SIZES						
AFTER 40 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE
			2.143	0.642	2.194	1.6596667
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE
AFTER 40 RDS SHOT FROM SHOULDER			X	1.257	1.248	1.157
		Y	0.031	-0.405	-0.308	-0.2273333
GROUP SIZES						
GUN	SCOPE	AMMO	GROUP#1	GROUP#2	GROUP#3	AVERAGE
B-9	TASCO	REM R30064 180GR	1.357	1.215	2.064	1.5453333
	#2					
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE
		X	0.159	-0.054	0.053	0.0526667
		Y	0.553	0.54	0.841	0.6446667
GROUP SIZES						
AFTER 20 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE
			0.817	2.174	1.342	1.4443333
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE
AFTER 20 RDS SHOT FROM SHOULDER			X	-0.346	-0.214	-0.29
		Y	0.514	0.703	1.044	0.7536667
GROUP SIZES						
AFTER 40 RDS SHOT FROM SHOULDER			GROUP#1	GROUP#2	GROUP#3	AVERAGE
			1.052	1.259	1.464	1.2583333
POI RELATIVE TO POA			GROUP#1	GROUP#2	GROUP#3	AVERAGE
AFTER 40 RDS SHOT FROM SHOULDER			X	0.049	-0.058	-0.356
		Y	1.282	1.151	0.944	1.1256667

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