

G6635141

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

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SERIAL NO.

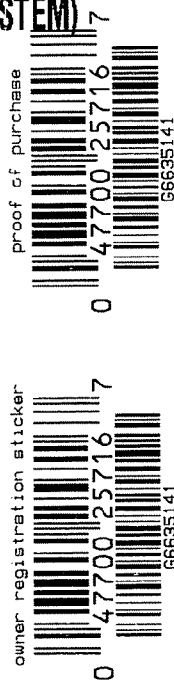


66635141

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

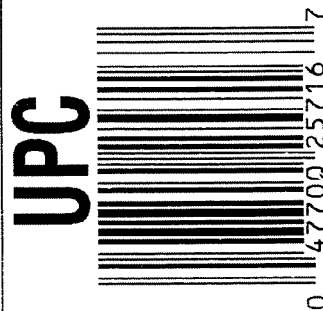
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635141



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G663 5141

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-20-06	RTZ
420	ASSEMBLE ACTION		12-27-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF	MAGNA-FLUX INSPECTED	12/27/06	nom
460	CHECK HEADSPACE		12/27/06	nom
470	DIS-ASSEMBLE ACTION	JAN 04 2007	12-28-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-4-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-3-07	CW
510	DRILL AND TAP SIGHT HOLES		1-3-07	TRW
520	GOFF BLAST BBL / REC		1-5-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/14/07	PS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-14-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-14-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-14-07	DA
	D) OIL FIRING PIN ASSEMBLY		1-15-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/9/07	nom

F004 REV 5/2006

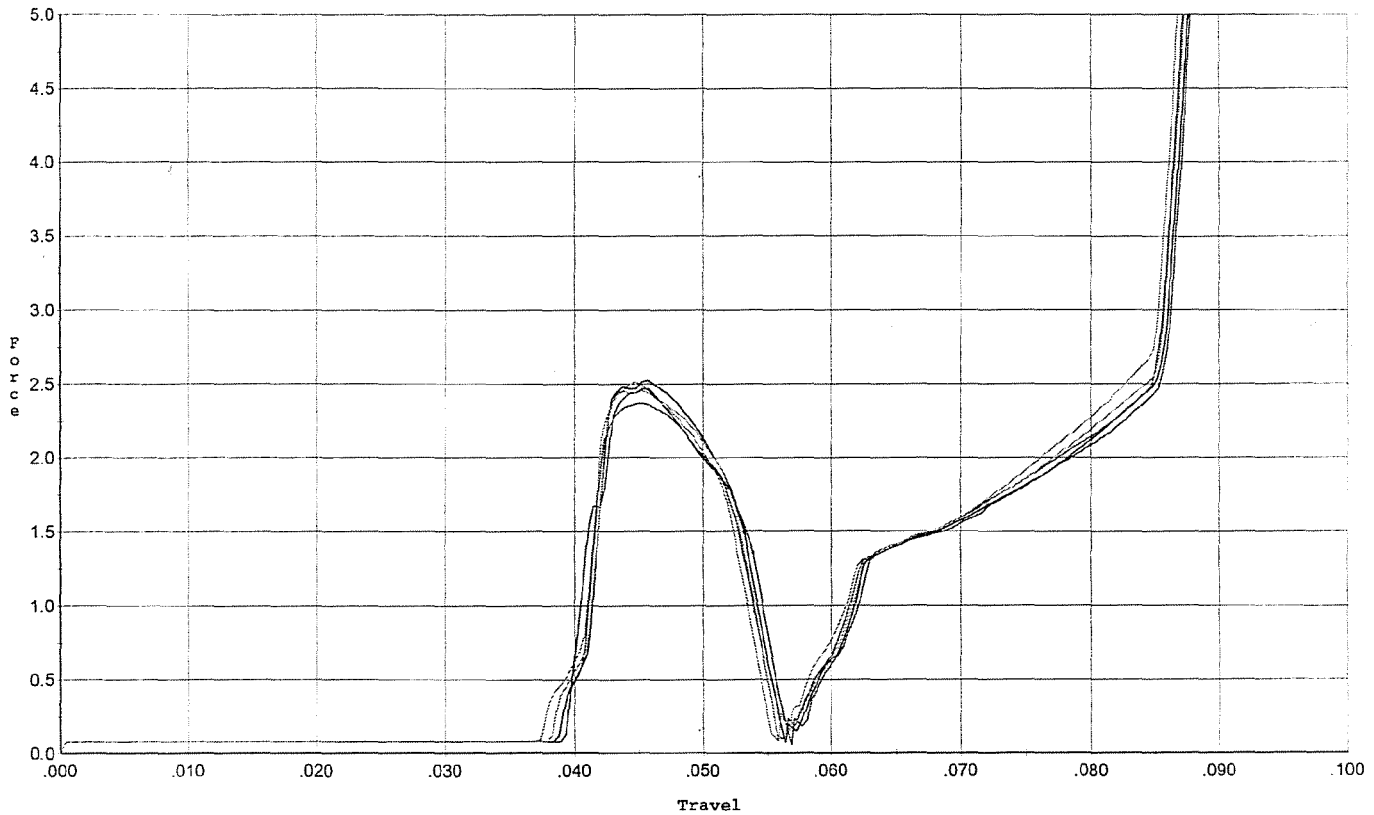
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>60</u> <u>62</u> <u>62</u>	1-17-07	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	1-17-07	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		2/9/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.024</u>	1-17-07	RA
	J) ASSEMBLE STOCK		1-15-07	TRW
	K) ASSEMBLE SWIVEL STUDS		2/9/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2/9/07	non
	M) IRON SIGHT ALIGNMENT		2/9/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2/9/07	non
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	1-16-07	TRW
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-16-07	FM
670	FINAL INSPECTION A) HEADSPACE		2/9/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.29</u> <u>2.57</u> <u>2.52</u> <u>2.33</u> <u>2.55</u>	1-17-07	TRW
	C) FUNCTION		2/9/07	non
690	PACK		2-13-07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/2/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 initl.



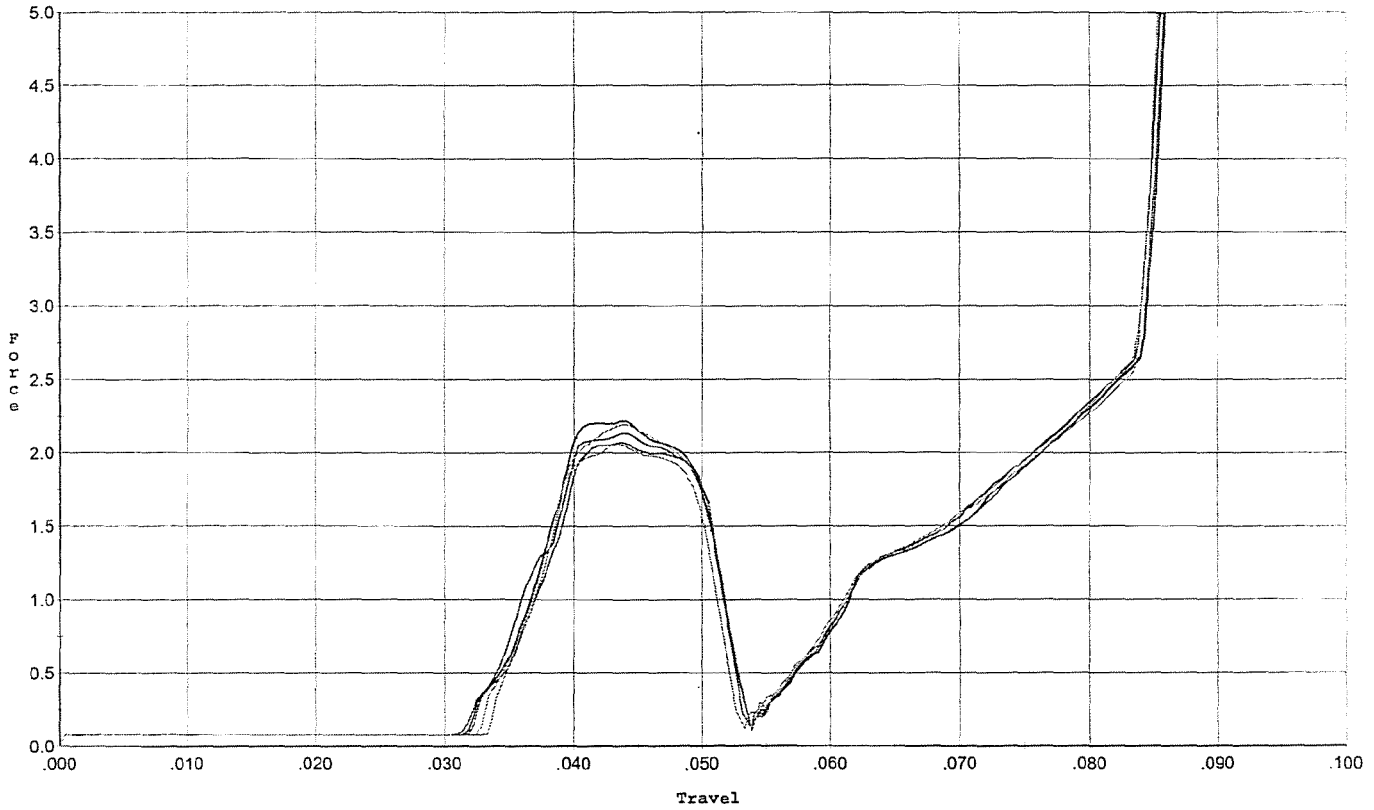
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.469	0.054	0.040	0.040	0.032		Set Trigger
2	2.526	0.053	0.039	0.041	0.031		Set Trigger
3	2.370	0.054	0.039	0.041	0.030		Set Trigger
4	2.455	0.054	0.038	0.041	0.031		Set Trigger
5	2.517	0.053	0.038	0.040	0.031		Set Trigger

AVG 2.46

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/2/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 after 50 cycles



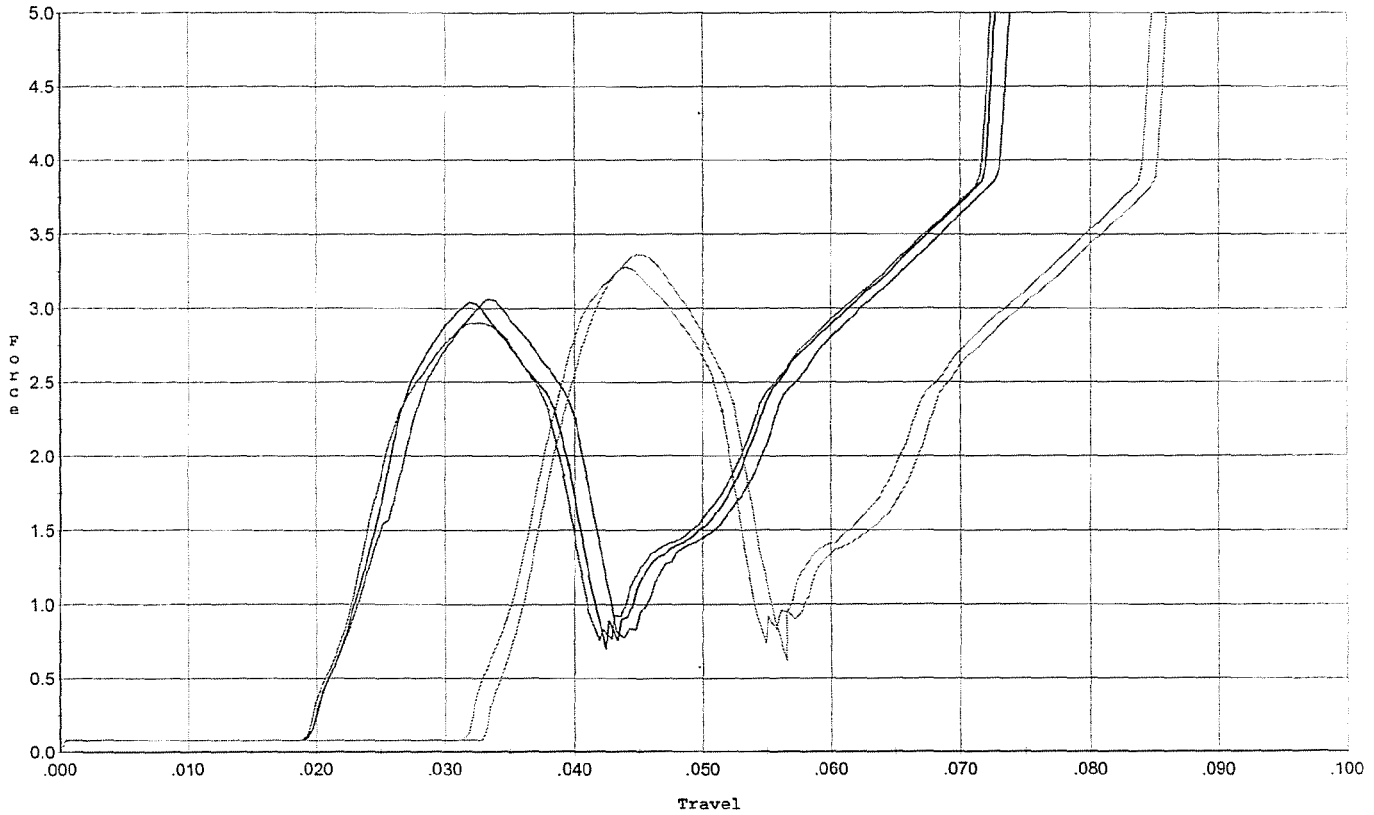
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.134	0.051	0.032	0.040	0.032		Set Trigger
2	2.217	0.050	0.032	0.040	0.033		Set Trigger
3	2.071	0.051	0.032	0.040	0.031		Set Trigger
4	2.193	0.051	0.033	0.040	0.032		Set Trigger
5	2.061	0.050	0.034	0.040	0.030		Set Trigger

Avg 2.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/2/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 initl.



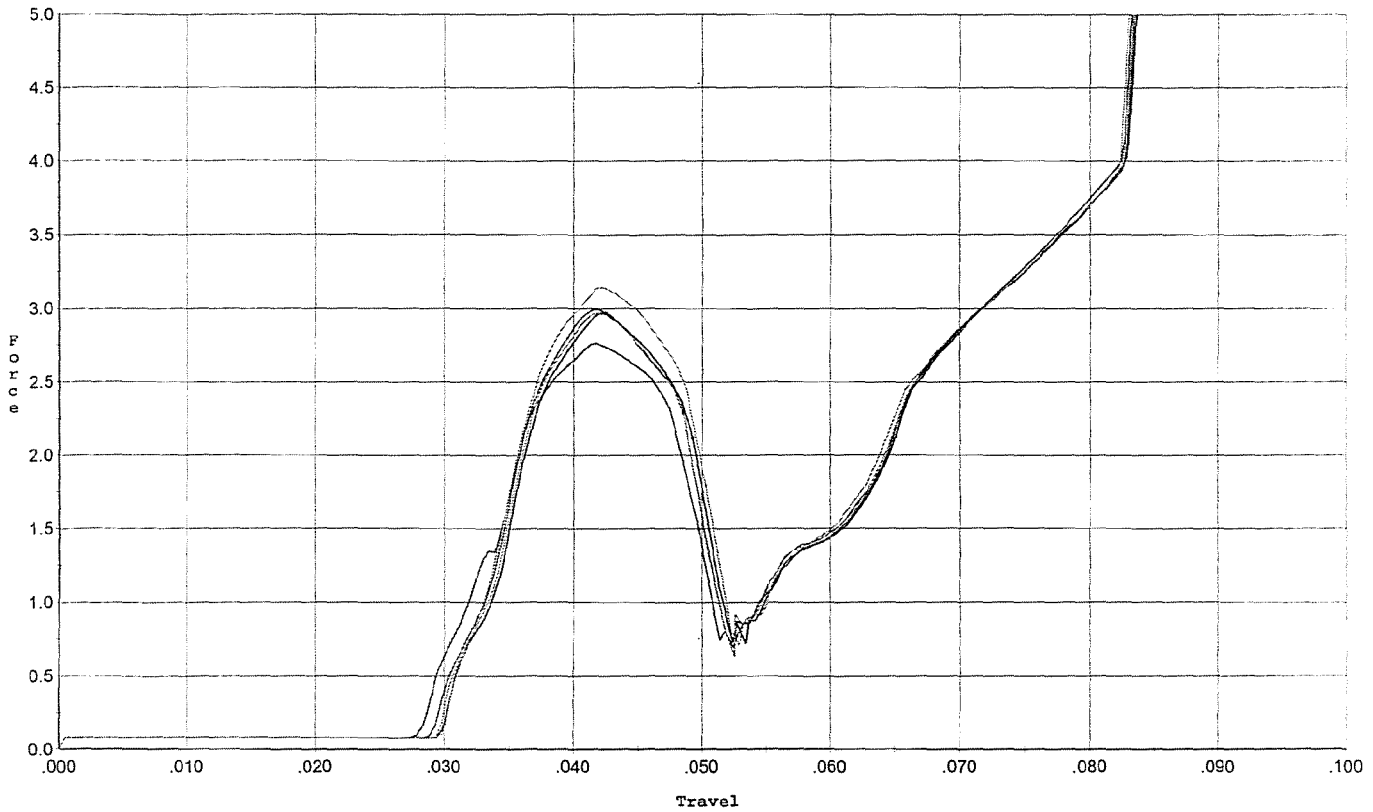
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.063	0.040	0.020	0.036	0.045		Set Trigger
2	3.039	0.040	0.020	0.036	0.044		Set Trigger
3	2.905	0.039	0.020	0.037	0.043		Set Trigger
4	3.364	0.052	0.033	0.038	0.050		Set Trigger
5	3.280	0.051	0.032	0.037	0.049		Set Trigger

AVG 3.13

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/2/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 after 20 cycles



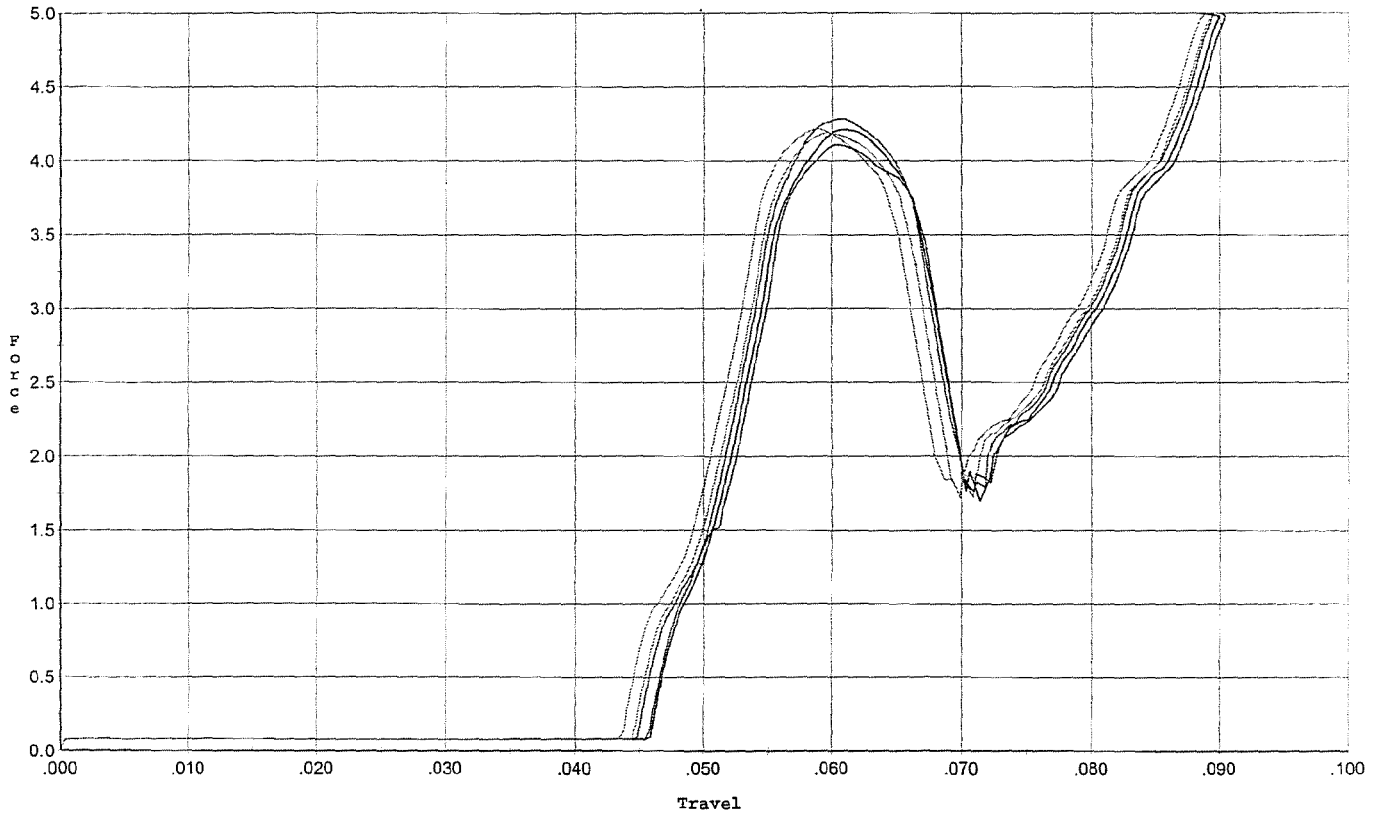
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.762	0.050	0.028	0.037	0.044		Set Trigger
2	2.977	0.049	0.030	0.037	0.044		Set Trigger
3	2.993	0.049	0.029	0.038	0.044		Set Trigger
4	3.145	0.050	0.030	0.037	0.048		Set Trigger
5	2.969	0.048	0.030	0.037	0.043		Set Trigger

Aug 2.96

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/2/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 initl.



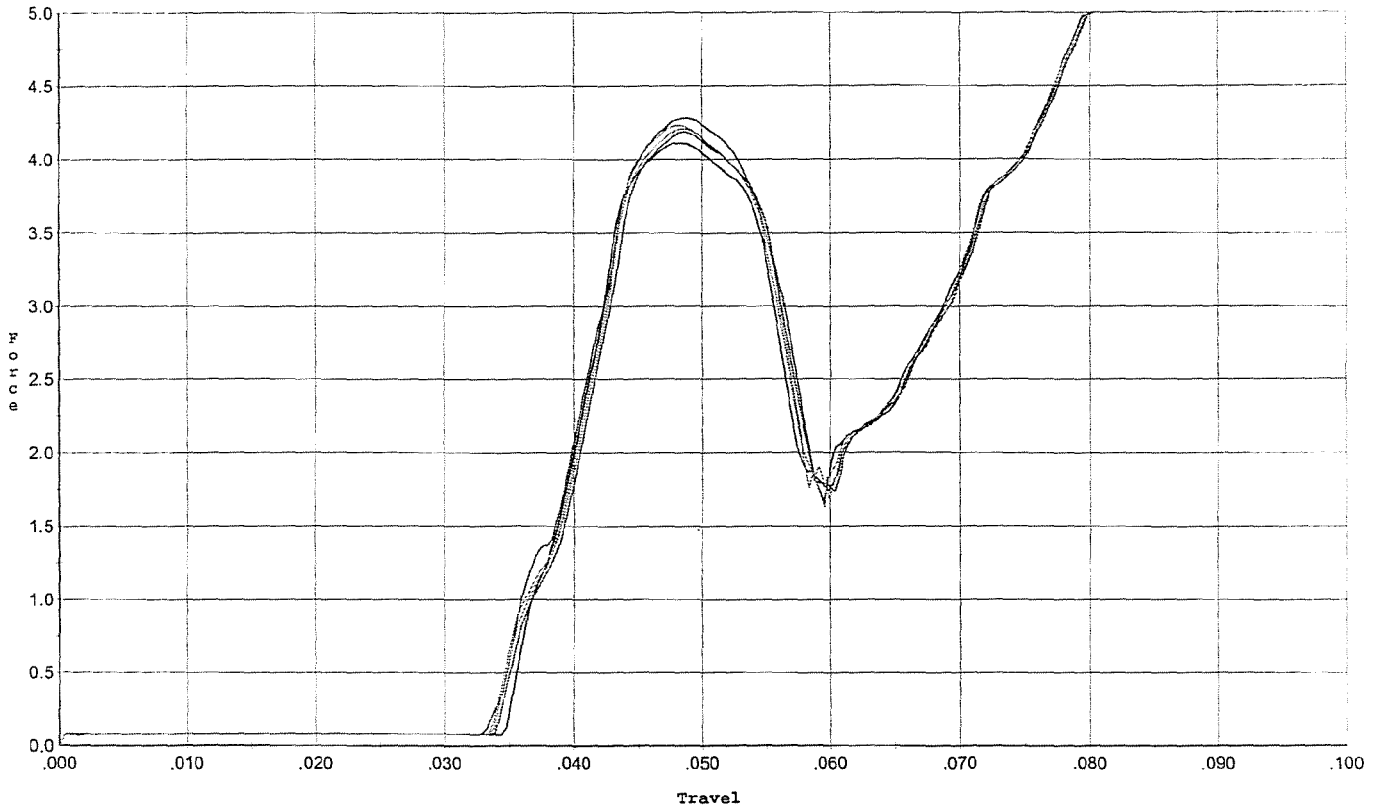
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.109	0.067	0.046	0.037	0.070		Set Trigger
2	4.208	0.068	0.046	0.037	0.071		Set Trigger
3	4.282	0.066	0.045	0.037	0.071		Set Trigger
4	4.189	0.066	0.045	0.037	0.071		Set Trigger
5	4.213	0.065	0.044	0.037	0.070		Set Trigger

Avg 4.20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/2/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 after 20 cycles



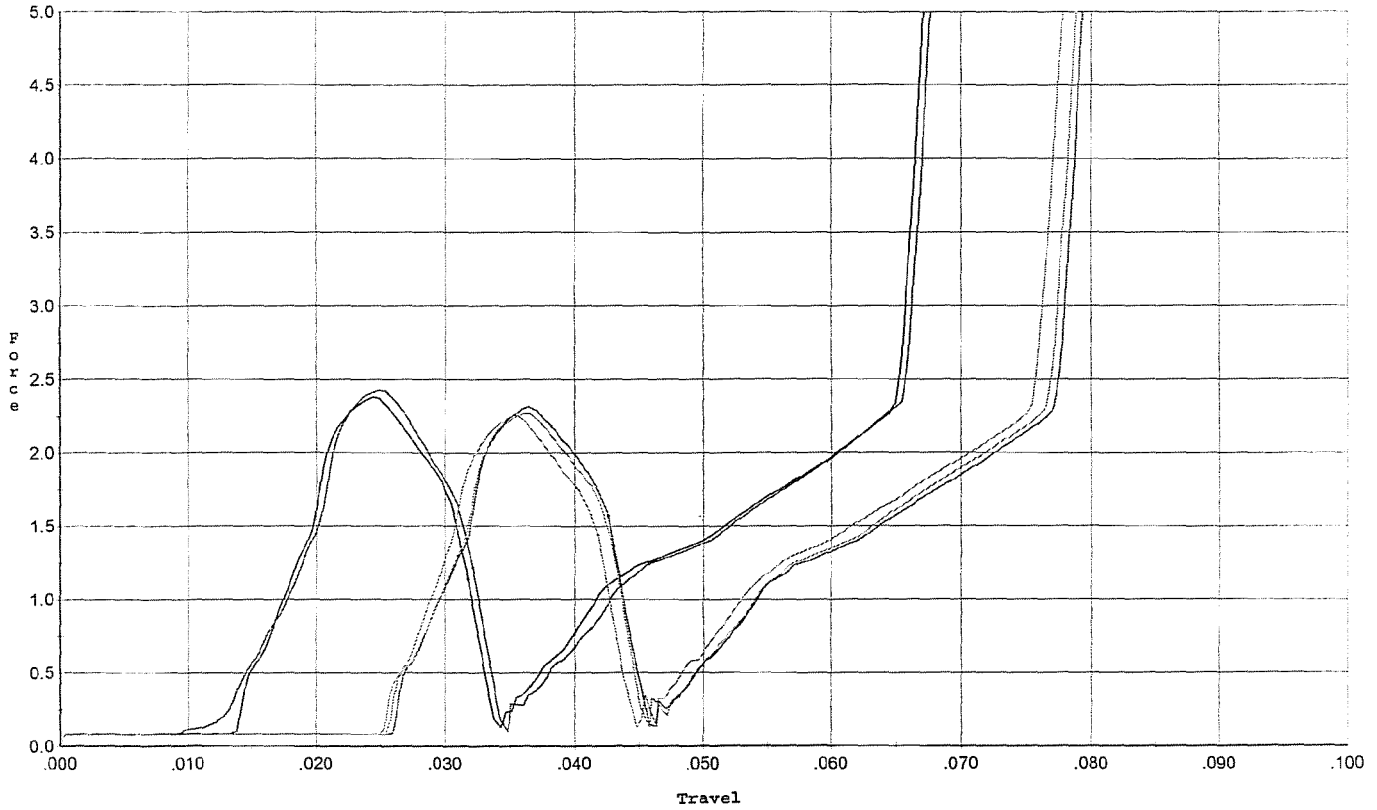
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.283	0.056	0.034	0.036	0.073		Set Trigger
2	4.112	0.055	0.035	0.037	0.066		Set Trigger
3	4.191	0.055	0.034	0.036	0.067		Set Trigger
4	4.209	0.055	0.034	0.036	0.069		Set Trigger
5	4.234	0.056	0.034	0.036	0.070		Set Trigger

Avg 4.20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/2/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 reset final test



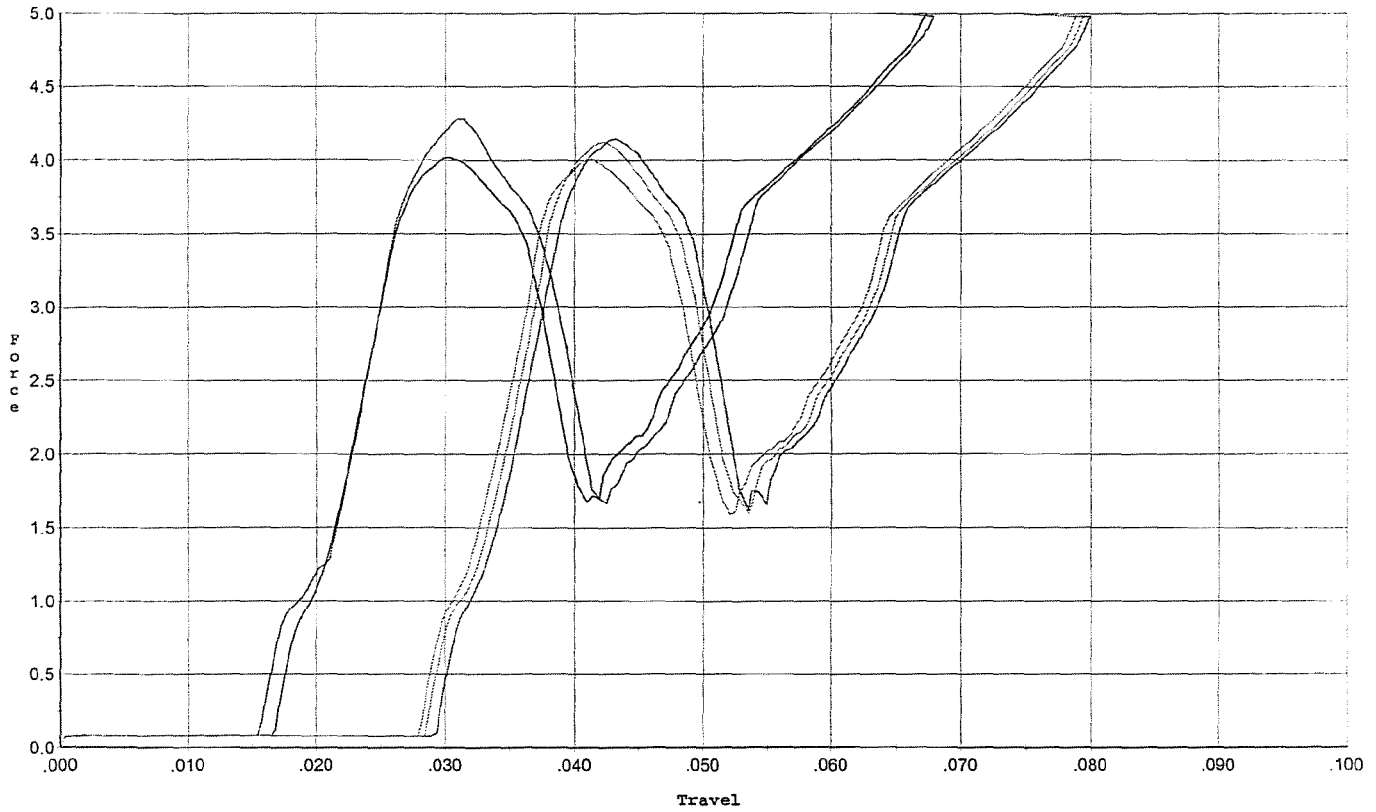
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.425	0.032	0.014	0.042	0.031		Set Trigger
2	2.377	0.032	0.014	0.042	0.030		Set Trigger
3	2.314	0.043	0.026	0.042	0.030		Set Trigger
4	2.273	0.043	0.026	0.041	0.030		Set Trigger
5	2.255	0.042	0.026	0.042	0.029		Set Trigger

AVG 2.32

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/2/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 reset for target and accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.278	0.039	0.016	0.030	0.068		Set Trigger
2	4.018	0.038	0.017	0.031	0.060		Set Trigger
3	4.145	0.051	0.030	0.034	0.065		Set Trigger
4	4.124	0.049	0.029	0.035	0.063		Set Trigger
5	4.007	0.049	0.028	0.034	0.061		Set Trigger

Avg 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635141.___0
FILE DATE AND TIME: 01/17/2007 12:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.041
The Average Mean Radius of the Five Target Set:	0.603
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.026
The Distance from Centroid Target #3 to Centroid Target #1:	0.155
The Distance from Centroid Target #4 to Centroid Target #1:	0.203
The Distance from Centroid Target #5 to Centroid Target #1:	0.153

SERIAL NUMBER: G6635141. __0

TARGET NUMBER: 1

FILE DATE: 01/17/2007

FILE TIME: 12:38

POINT#	X	Y
1:	-0.999	-0.665
2:	1.044	-0.845
3:	-0.081	-0.634
4:	0.350	-0.315
5:	-0.361	1.134
6:	-0.290	0.831
7:	0.202	0.245
8:	-0.095	-0.425
9:	-0.148	-0.163
10:	-0.290	-0.210

X CENTROID: -0.067

Y CENTROID: -0.105

POA TO CENTROID: 0.124

HORZ SPREAD: 2.043

VERT SPREAD: 1.979

GROUP SPREAD: 2.427

MIN RADIUS: 0.100

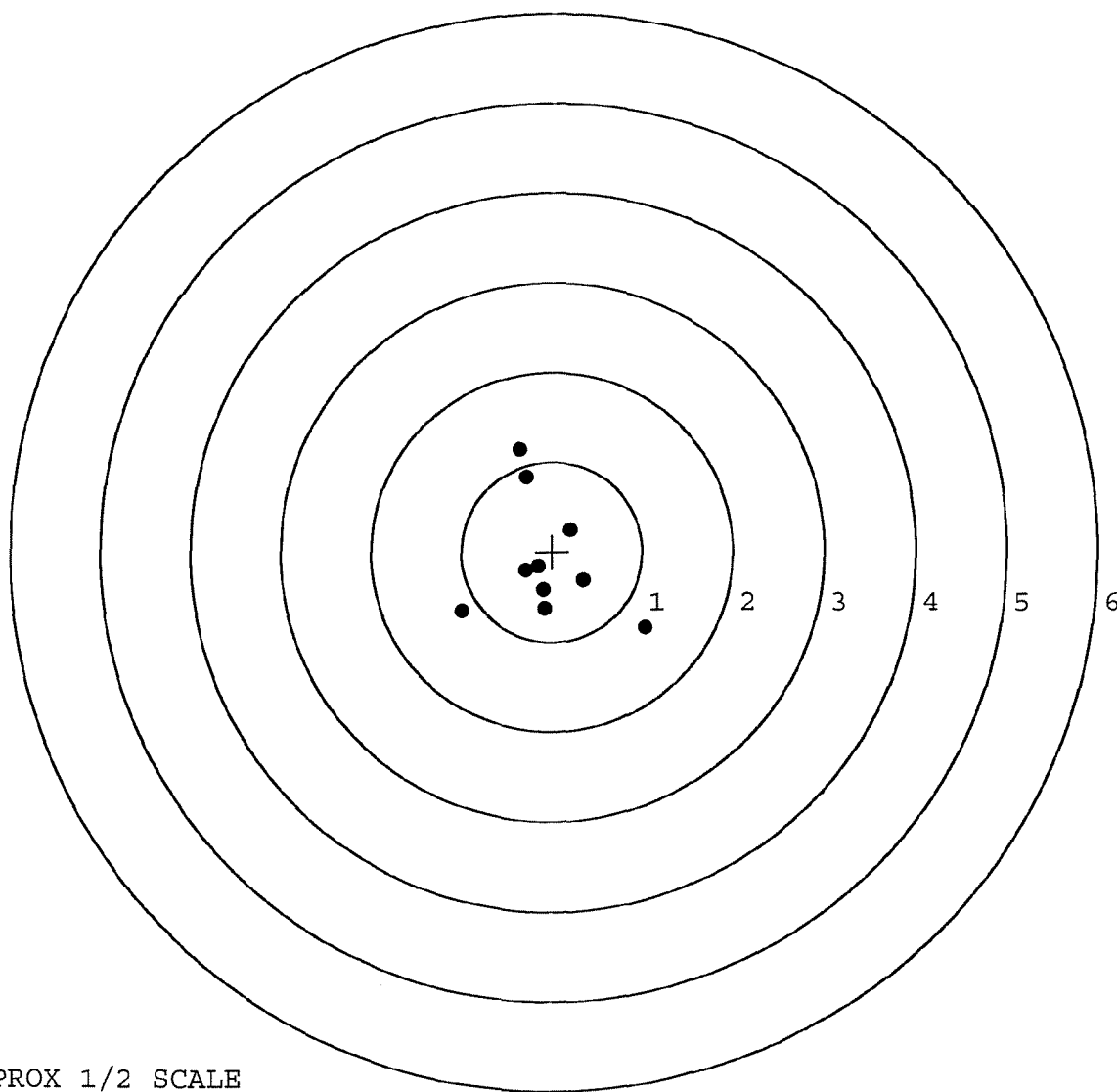
MAX RADIUS: 1.335

MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635141.0

TARGET NUMBER: 2

FILE DATE: 01/17/2007

FILE TIME: 12:38

POINT#	X	Y
1:	0.530	-0.939
2:	-0.151	-0.789
3:	0.599	0.238
4:	-0.317	0.673
5:	0.124	-0.009
6:	0.057	-0.144
7:	-0.237	-0.235
8:	-0.463	-0.073
9:	-0.276	-0.080
10:	-0.320	0.157

X CENTROID: -0.045

Y CENTROID: -0.120

POA TO CENTROID: 0.128

HORZ SPREAD: 1.062

VERT SPREAD: 1.612

GROUP SPREAD: 1.821

MIN RADIUS: 0.105

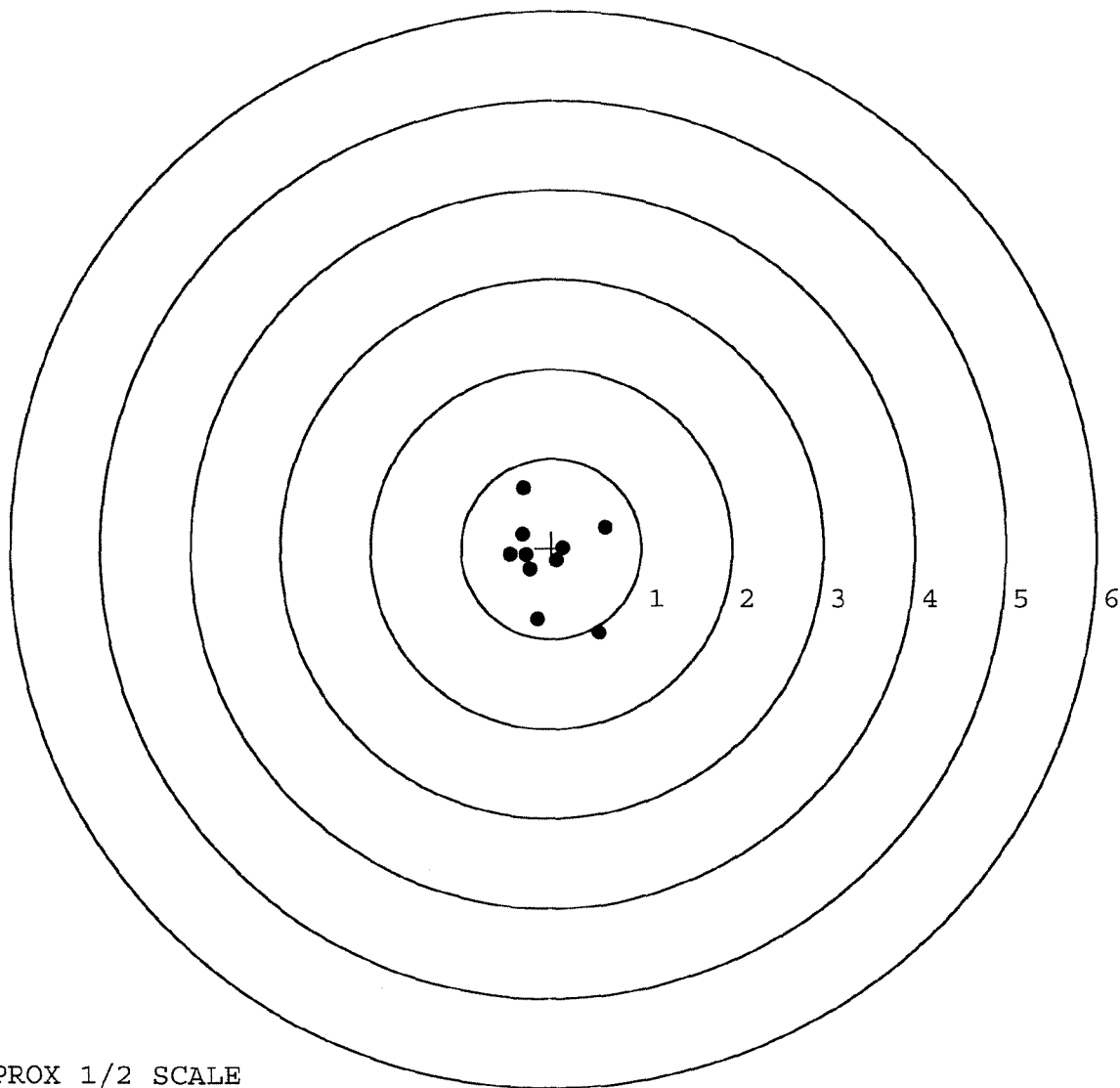
MAX RADIUS: 1.001

MEAN RADIUS: 0.483

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635141. __ 0

TARGET NUMBER: 3

FILE DATE: 01/17/2007

FILE TIME: 12:38

POINT#	X	Y
1:	-0.722	-1.142
2:	-0.679	0.055
3:	-0.357	-0.385
4:	0.460	-0.158
5:	0.687	-0.028
6:	0.014	-0.014
7:	0.027	0.255
8:	0.435	0.459
9:	-0.285	0.725
10:	0.414	0.593

X CENTROID: -0.001

Y CENTROID: 0.036

POA TO CENTROID: 0.036

HORZ SPREAD: 1.409

VERT SPREAD: 1.867

GROUP SPREAD: 2.074

MIN RADIUS: 0.052

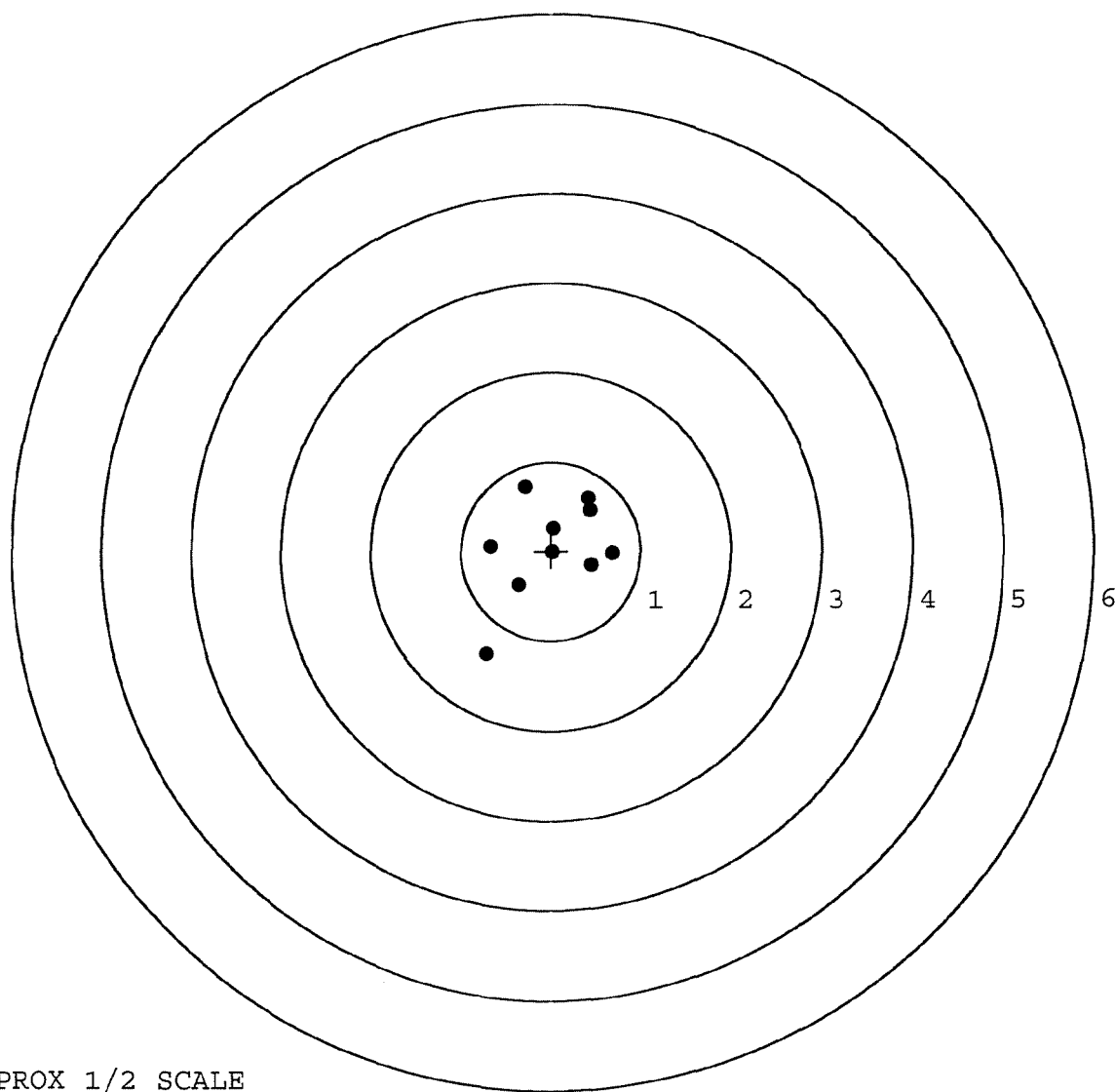
MAX RADIUS: 1.381

MEAN RADIUS: 0.612

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635141. __0

TARGET NUMBER: 4

FILE DATE: 01/17/2007

FILE TIME: 12:38

POINT#	X	Y
1:	0.374	-0.932
2:	-0.380	-0.524
3:	0.268	-0.410
4:	0.165	-0.006
5:	0.077	0.316
6:	0.438	0.226
7:	0.061	1.127
8:	-0.738	0.878
9:	-0.816	0.150
10:	0.324	0.113

X CENTROID: -0.023

Y CENTROID: 0.094

POA TO CENTROID: 0.097

HORZ SPREAD: 1.254

VERT SPREAD: 2.059

GROUP SPREAD: 2.124

MIN RADIUS: 0.213

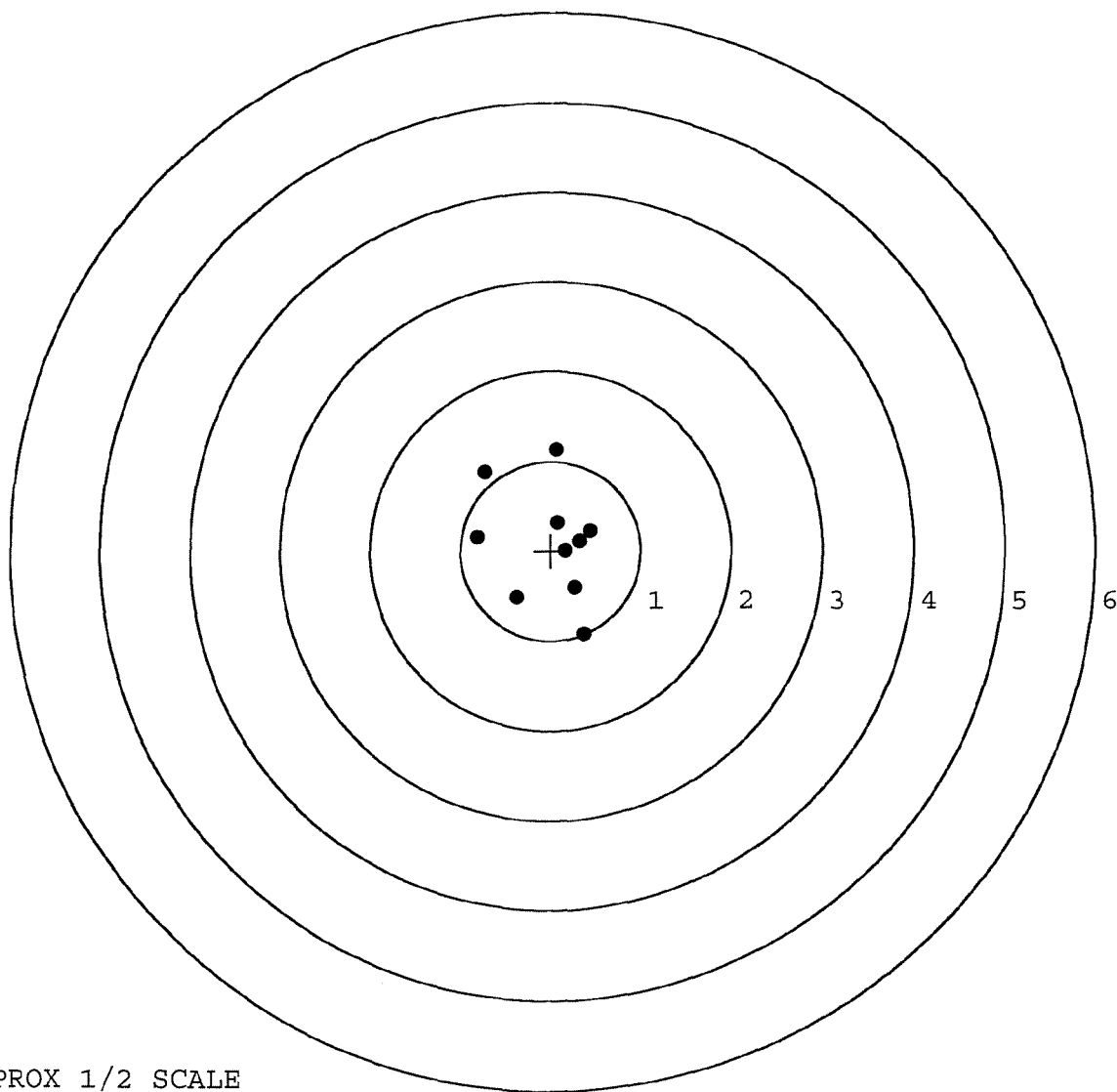
MAX RADIUS: 1.100

MEAN RADIUS: 0.657

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635141. __0

TARGET NUMBER: 5

FILE DATE: 01/17/2007

FILE TIME: 12:38

POINT#	X	Y
1:	-0.589	-0.630
2:	0.074	-0.790
3:	-0.028	-0.632
4:	1.200	-0.428
5:	0.420	0.526
6:	-0.418	0.208
7:	-0.072	-0.040
8:	0.302	0.266
9:	0.053	0.321
10:	-0.084	0.148

X CENTROID: 0.086

Y CENTROID: -0.105

POA TO CENTROID: 0.136

HORZ SPREAD: 1.789

VERT SPREAD: 1.316

GROUP SPREAD: 1.800

MIN RADIUS: 0.171

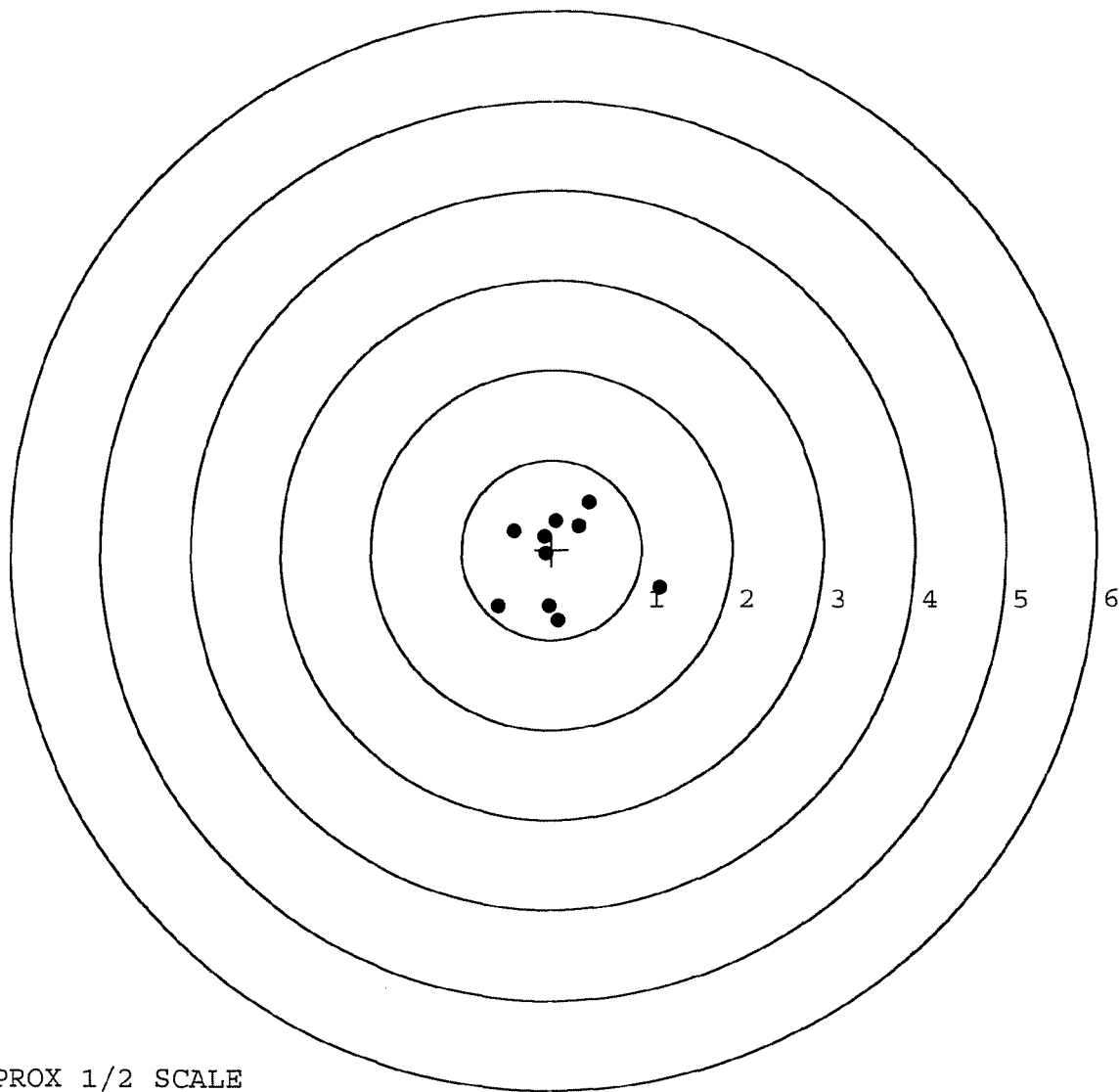
MAX RADIUS: 1.160

MEAN RADIUS: 0.588

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE