

G659 0144

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase

owner registration sticker

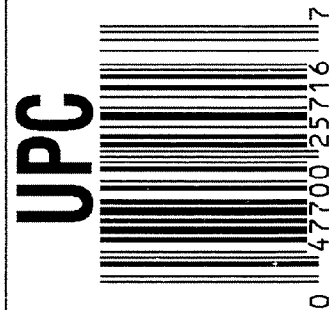


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

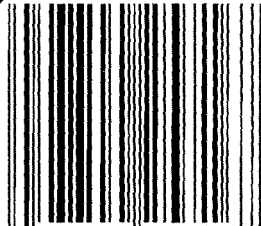
G6590144



ORDER — 25716

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

UPC

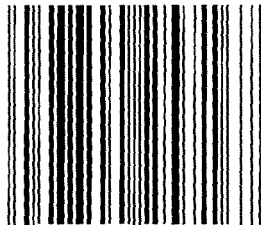


0 47700 25716 7

ORDER 25716

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

UPC



0 47700 25716 7

SERIAL NO.



65590144

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590144

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-17-06	RTZ
420	ASSEMBLE ACTION		10-17-06	RTZ
430	ASSEMBLE TO STOCK		10-17-06	L.P.D.
440	PROOF		10-17-06	L.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-17-06	L.P.D.
470	DIS-ASSEMBLE ACTION	OCT 19 2006	10-18-06	BLC
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	10-19-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-20-06	CW
510	DRILL AND TAP SIGHT HOLES		10-18-06	TRW
520	GOFF BLAST BBL / REC		10-23-06	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/27/06	TJB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/17/06	mom
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/17/06	mom
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/17/06	mom
	D) OIL FIRING PIN ASSEMBLY		11-30-06	BLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12/22/06	mom

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>50</u> <u>55</u> <u>60</u>	12/13/06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>80</u> <u>70</u> <u>75</u>	12/13/06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		12/22/06	mm
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.024</u>	12/13/06	SD
	J) ASSEMBLE STOCK		11-30-06	BLG
	K) ASSEMBLE SWIVEL STUDS		12/22/06	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/22/06	mm
	M) IRON SIGHT ALIGNMENT		12/22/06	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/22/06	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12-2-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/22/06	mm
670	FINAL INSPECTION A) HEADSPACE		12/22/06	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.69</u> <u>2.86</u> <u>2.86</u> <u>2.83</u> <u>2.79</u>	12-13-06	BLG
	C) FUNCTION		12/22/06	mm
690	PACK		1-25-07	PA

F004 REV 5/2006

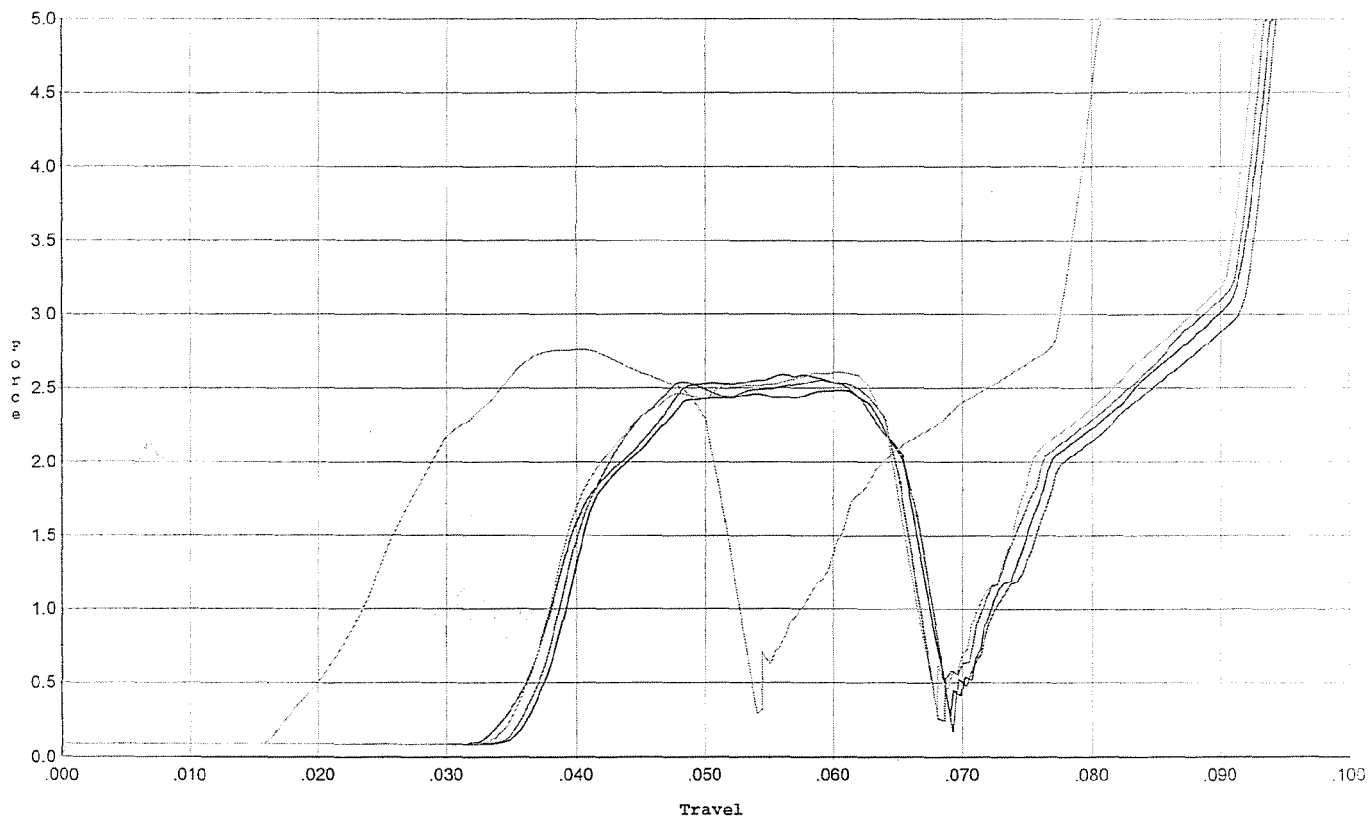
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0165427 65466

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/21/06

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



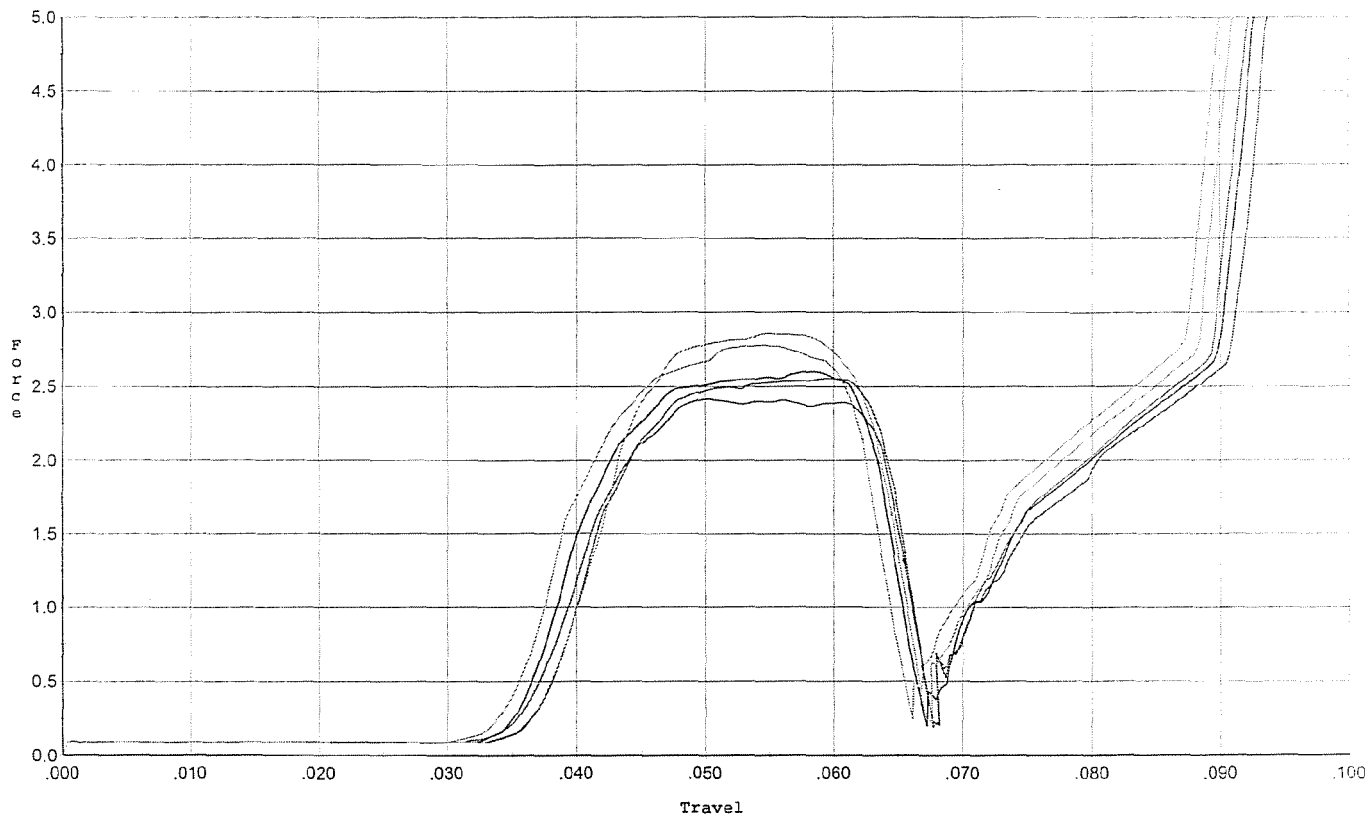
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.590	0.067	0.035	0.035	0.069		Set Trigger
2	2.483	0.065	0.036	0.036	0.064		Set Trigger
3	2.554	0.065	0.036	0.036	0.066		Set Trigger
4	2.605	0.064	0.035	0.035	0.067		Set Trigger
5	2.763	0.052	0.021	0.033	0.069		Set Trigger

260 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/21/06

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



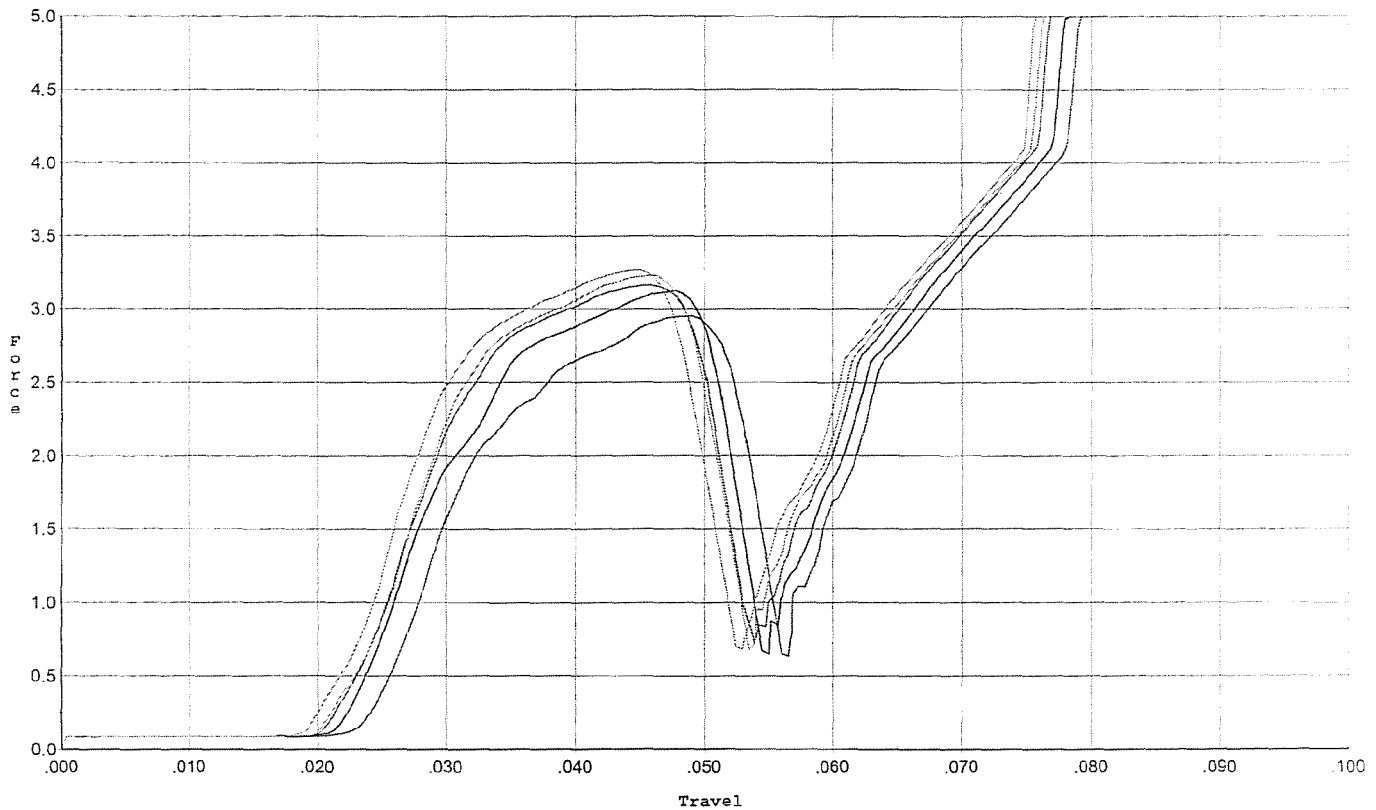
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.416	0.065	0.036	0.036	0.062		Set Trigger
2	2.600	0.063	0.036	0.036	0.063		Set Trigger
3	2.553	0.065	0.037	0.035	0.062		Set Trigger
4	2.858	0.065	0.037	0.034	0.066		Set Trigger
5	2.777	0.062	0.035	0.035	0.066		Set Trigger

2.64 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/21/06

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



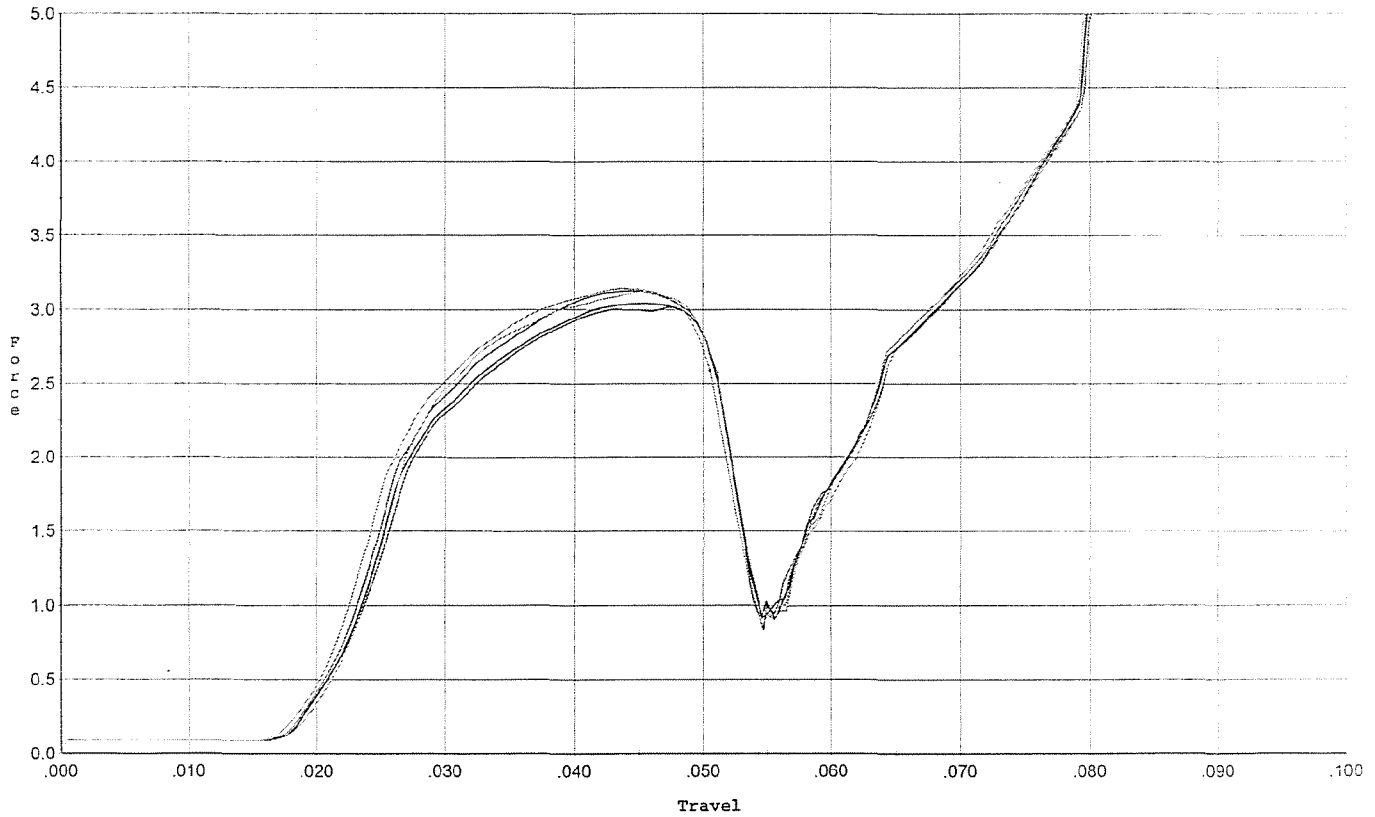
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.951	0.053	0.024	0.030	0.066		Set Trigger
2	3.127	0.051	0.023	0.030	0.069		Set Trigger
3	3.162	0.050	0.021	0.030	0.070		Set Trigger
4	3.229	0.051	0.021	0.029	0.072		Set Trigger
5	3.265	0.050	0.020	0.029	0.073		Set Trigger

315 Aug.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/21/06

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



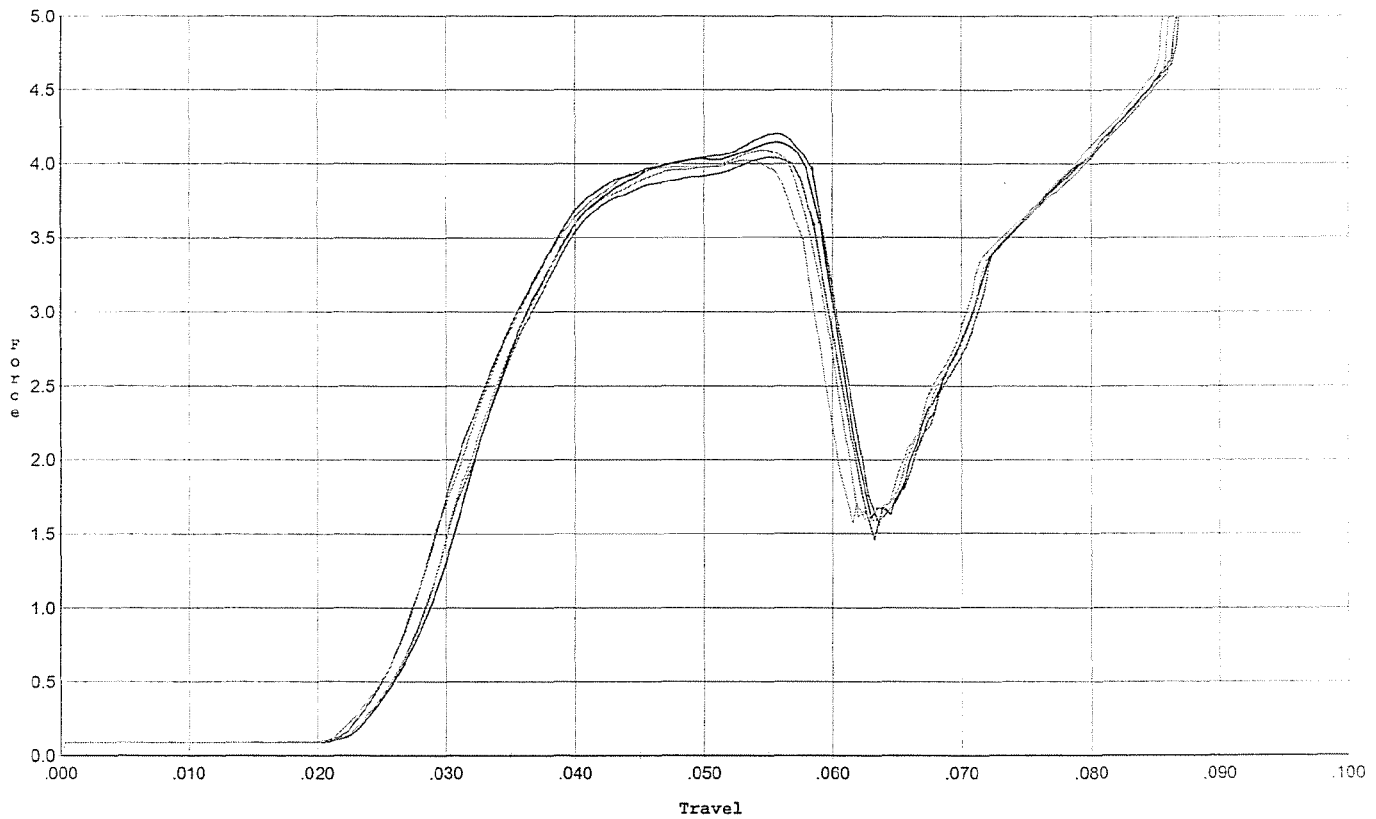
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.019	0.051	0.019	0.032	0.075		Set Trigger
2	3.042	0.051	0.019	0.031	0.076		Set Trigger
3	3.121	0.051	0.020	0.031	0.078		Set Trigger
4	3.118	0.051	0.020	0.032	0.077		Set Trigger
5	3.146	0.051	0.020	0.031	0.079		Set Trigger

3.09 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/21/06

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



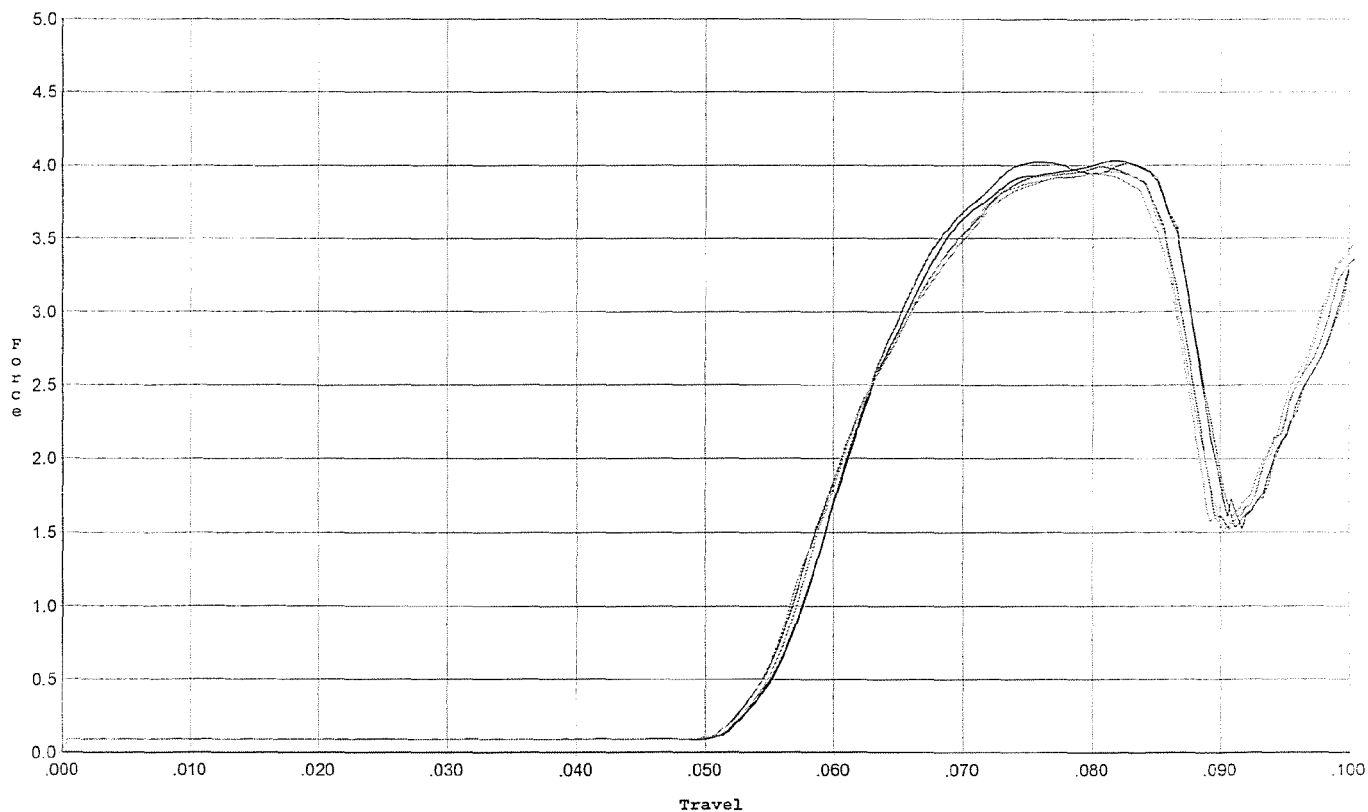
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.204	0.058	0.024	0.030	0.112		Set Trigger
2	4.143	0.059	0.026	0.030	0.109		Set Trigger
3	4.042	0.059	0.026	0.031	0.106		Set Trigger
4	4.091	0.059	0.026	0.030	0.108		Set Trigger
5	4.023	0.058	0.025	0.030	0.106		Set Trigger

4.10 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/21/06

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



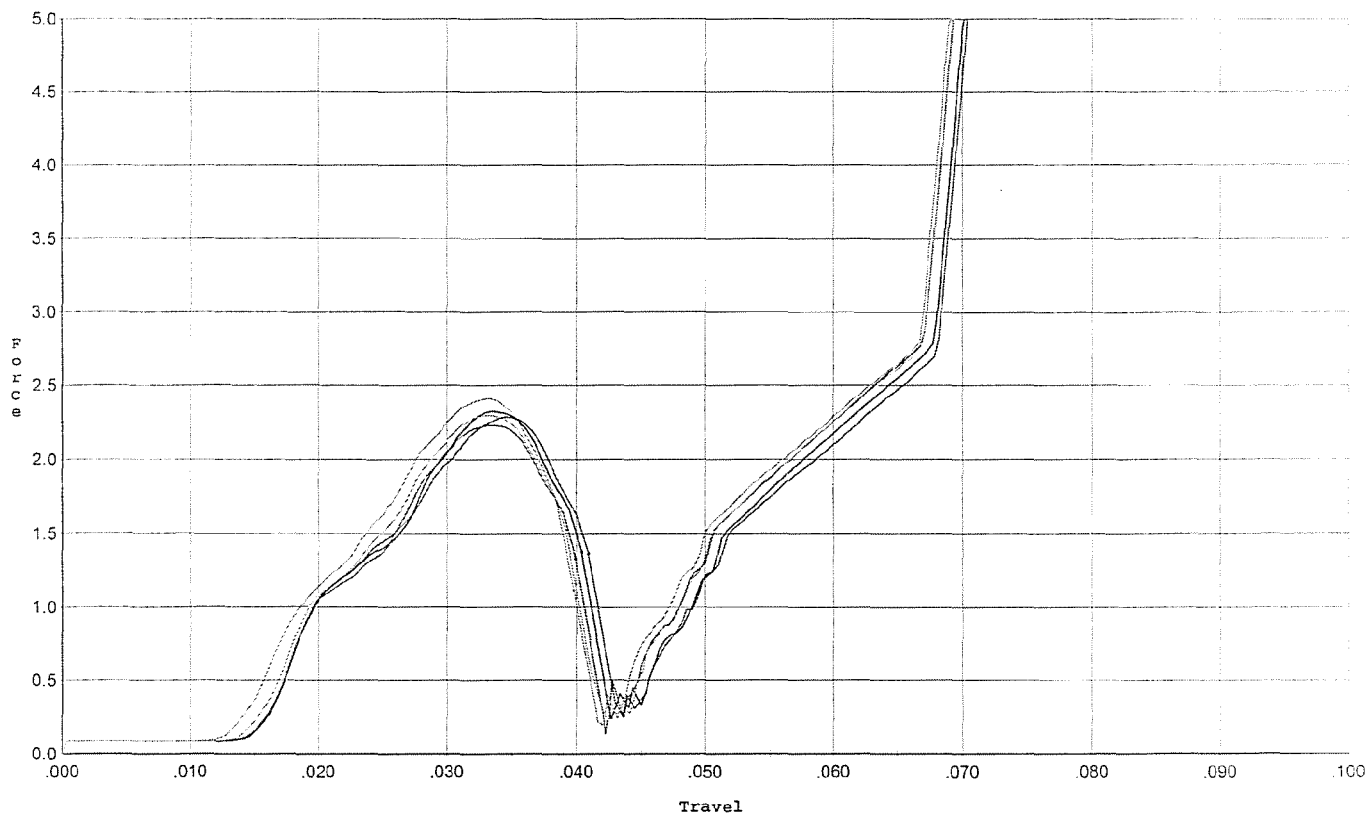
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.022	0.087	0.056	0.032	0.108		Set Trigger
2	4.034	0.087	0.055	0.032	0.107		Set Trigger
3	3.990	0.087	0.055	0.032	0.107		Set Trigger
4	3.958	0.086	0.055	0.032	0.103		Set Trigger
5	3.942	0.086	0.054	0.032	0.104		Set Trigger

3.99 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: Final Test & To Reset 2.5 lbs.



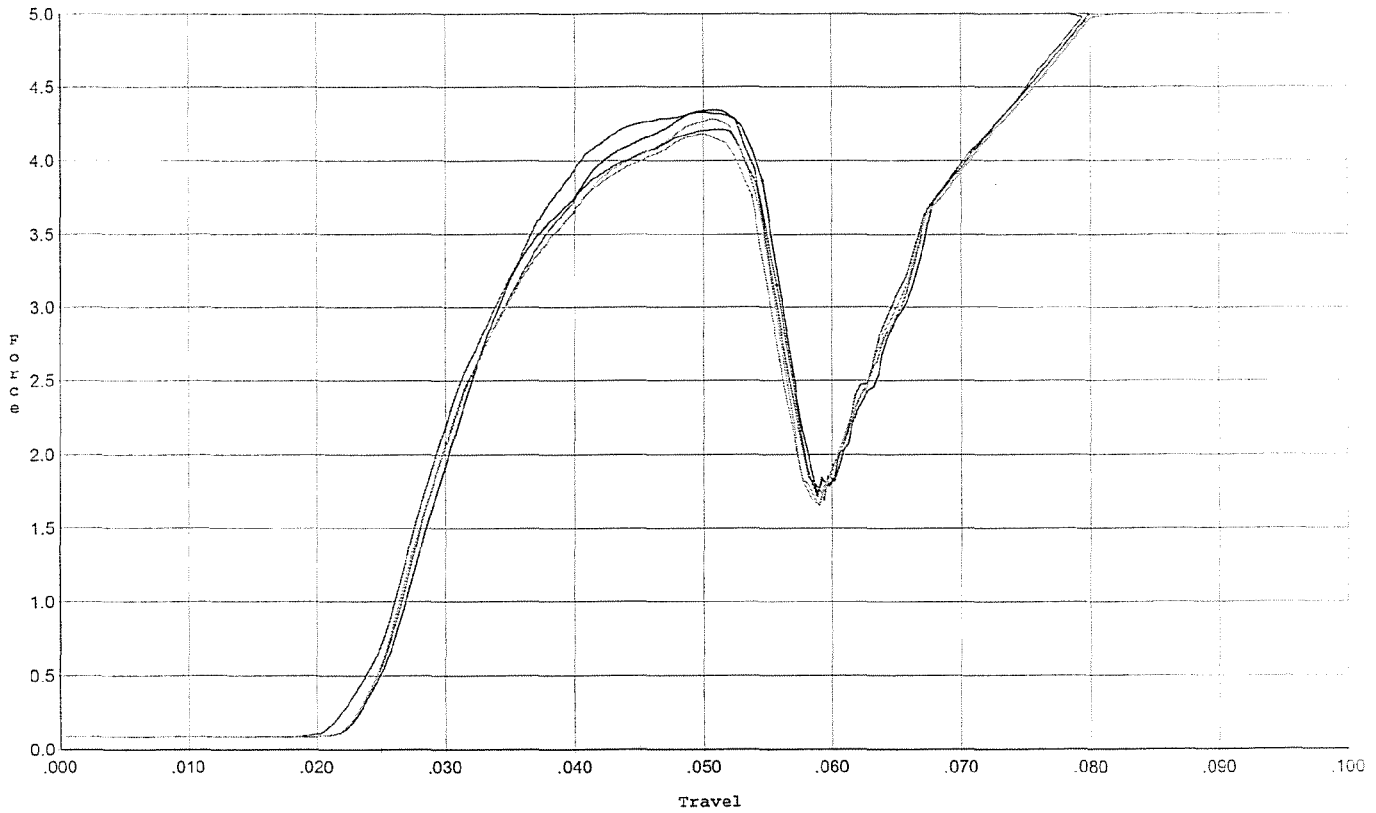
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.288	0.041	0.016	0.035	0.041		Set Trigger
2	2.326	0.040	0.017	0.034	0.040		Set Trigger
3	2.231	0.040	0.016	0.034	0.039		Set Trigger
4	2.296	0.039	0.016	0.035	0.039		Set Trigger
5	2.413	0.040	0.015	0.034	0.043		Set Trigger

2.31 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: Reset To 4.0 lbs. For Target & Accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.326	0.056	0.023	0.028	0.107		Set Trigger
2	4.342	0.055	0.024	0.028	0.101		Set Trigger
3	4.211	0.054	0.024	0.029	0.099		Set Trigger
4	4.280	0.054	0.024	0.029	0.099		Set Trigger
5	4.180	0.054	0.024	0.029	0.096		Set Trigger

4.27 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590144.___0
FILE DATE AND TIME: 12/04/2006 05:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

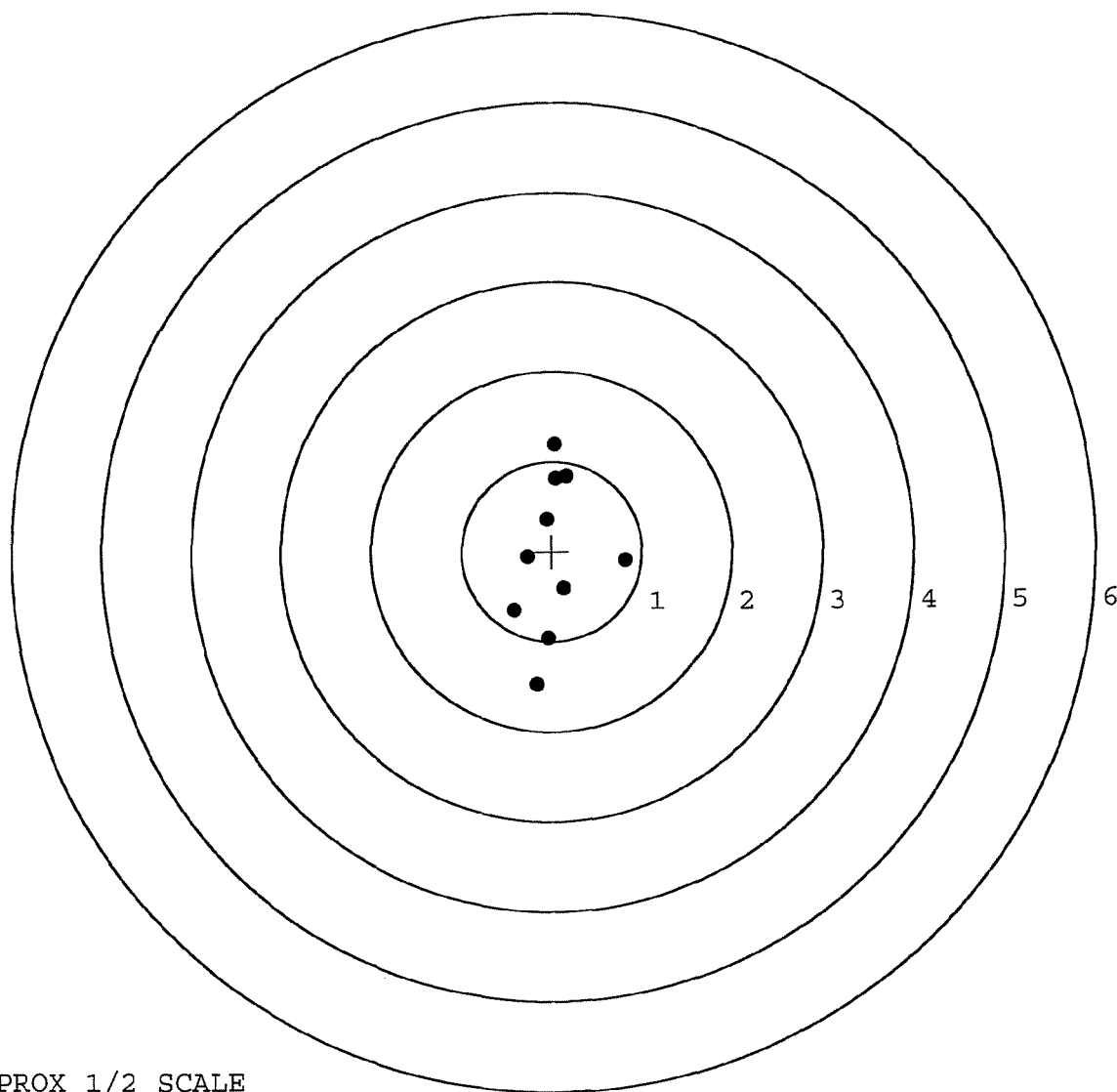
The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.590
The Distance from POA to Centroid Target #1:	0.055
The Distance from Centroid Target #2 to Centroid Target #1:	0.070
The Distance from Centroid Target #3 to Centroid Target #1:	0.114
The Distance from Centroid Target #4 to Centroid Target #1:	0.130
The Distance from Centroid Target #5 to Centroid Target #1:	0.074

BARBER - M24 0165437

SERIAL NUMBER: G6590144. __0
 TARGET NUMBER: 1
 FILE DATE: 12/04/2006
 FILE TIME: 05:30

POINT#	X	Y
1:	-0.169	-1.485
2:	-0.049	-0.969
3:	-0.426	-0.660
4:	0.129	-0.419
5:	0.814	-0.101
6:	-0.272	-0.063
7:	-0.061	0.356
8:	0.164	0.834
9:	0.044	0.811
10:	0.036	1.189

X CENTROID: 0.021
 Y CENTROID: -0.051
 POA TO CENTROID: 0.055
 HORZ SPREAD: 1.240
 VERT SPREAD: 2.674
 GROUP SPREAD: 2.682
 MIN RADIUS: 0.293
 MAX RADIUS: 1.447
 MEAN RADIUS: 0.801
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165438

SERIAL NUMBER: G6590144. __0

TARGET NUMBER: 2

FILE DATE: 12/04/2006

FILE TIME: 05:30

POINT#	X	Y
1:	0.932	0.538
2:	-0.028	0.512
3:	-0.486	0.284
4:	-0.576	-0.109
5:	-0.366	-0.021
6:	-0.214	-0.412
7:	0.113	-0.472
8:	0.178	-0.263
9:	0.075	0.003
10:	-0.017	-0.199

X CENTROID: -0.039

Y CENTROID: -0.014

POA TO CENTROID: 0.041

HORZ SPREAD: 1.508

VERT SPREAD: 1.010

GROUP SPREAD: 1.641

MIN RADIUS: 0.115

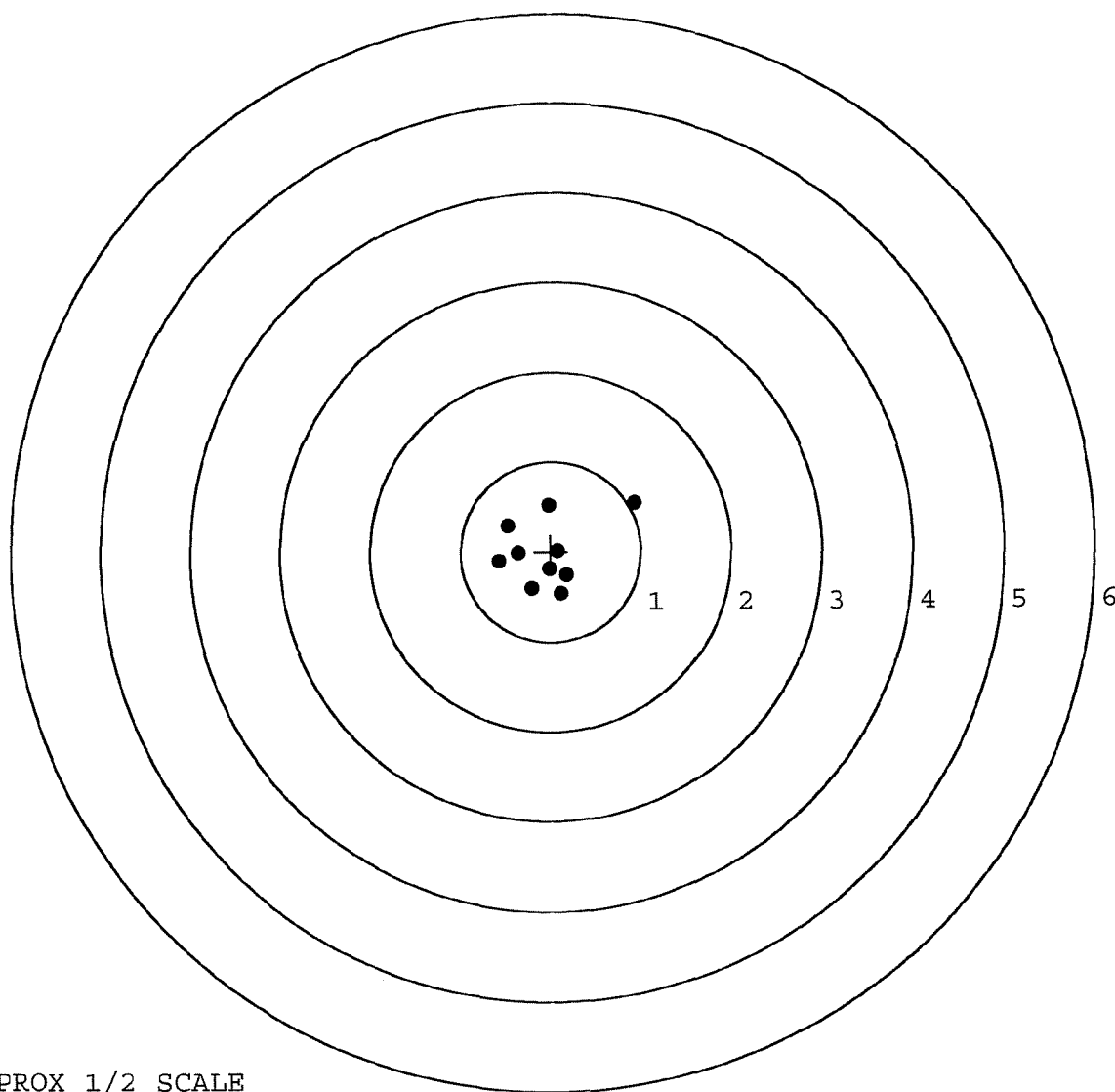
MAX RADIUS: 1.117

MEAN RADIUS: 0.460

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165439

SERIAL NUMBER: G6590144. __ 0

TARGET NUMBER: 3

FILE DATE: 12/04/2006

FILE TIME: 05:30

POINT#	X	Y
1:	0.669	-0.700
2:	0.680	0.348
3:	0.367	-0.195
4:	0.051	0.074
5:	-0.078	-0.371
6:	-0.519	-0.617
7:	-0.826	-0.388
8:	-0.810	0.256
9:	-0.082	0.644
10:	-0.316	0.837

X CENTROID: -0.086

Y CENTROID: -0.011

POA TO CENTROID: 0.087

HORZ SPREAD: 1.506

VERT SPREAD: 1.537

GROUP SPREAD: 1.826

MIN RADIUS: 0.162

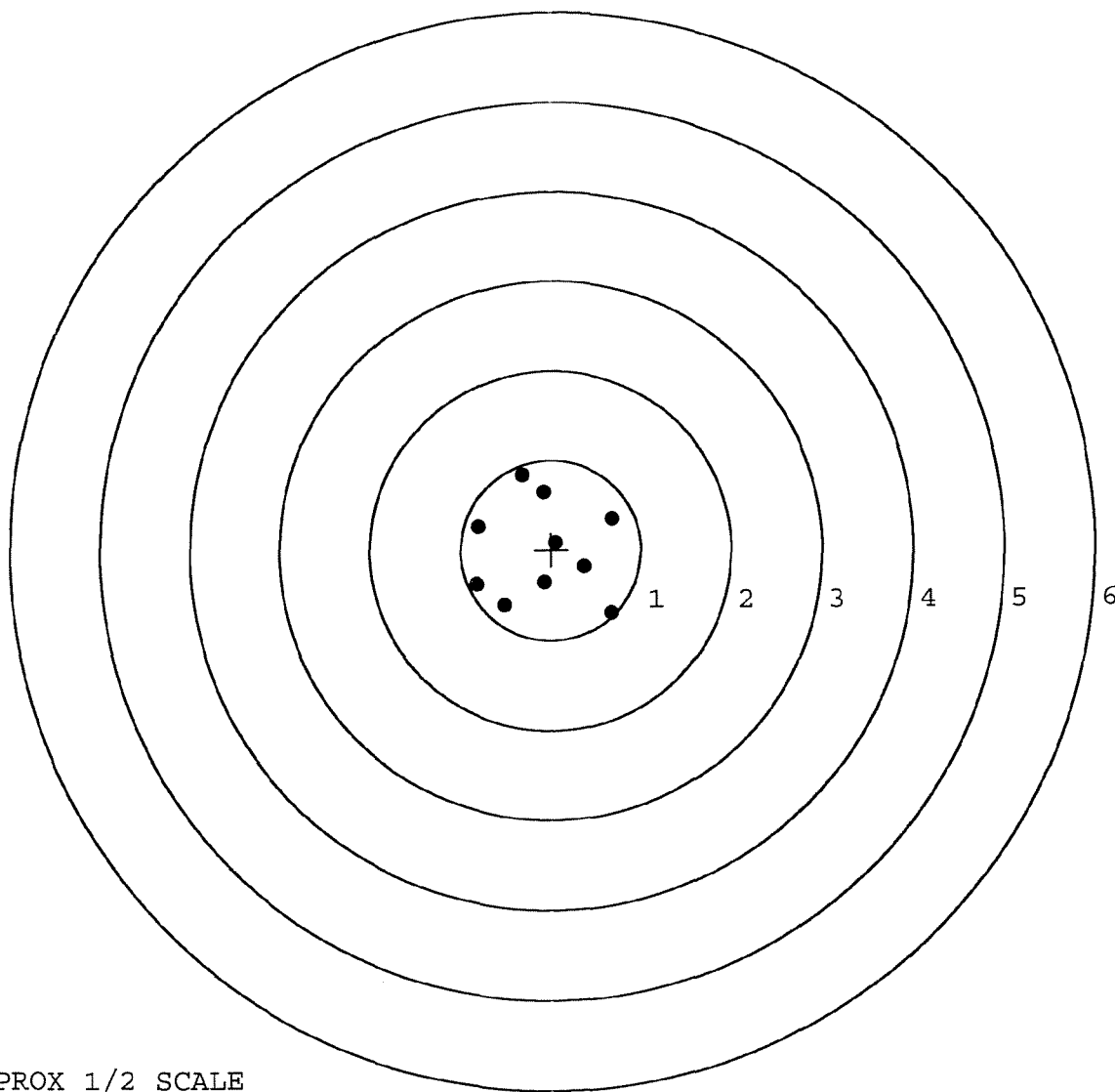
MAX RADIUS: 1.022

MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165440

SERIAL NUMBER: G6590144. __ 0

TARGET NUMBER: 4

FILE DATE: 12/04/2006

FILE TIME: 05:30

POINT#	X	Y
1:	-0.666	-0.733
2:	0.411	-0.447
3:	-0.748	0.135
4:	-0.404	0.242
5:	0.009	-0.291
6:	0.417	-0.004
7:	0.169	0.184
8:	-0.148	0.030
9:	0.102	0.048
10:	-0.217	0.134

X CENTROID: -0.108

Y CENTROID: -0.070

POA TO CENTROID: 0.128

HORZ SPREAD: 1.165

VERT SPREAD: 0.975

GROUP SPREAD: 1.305

MIN RADIUS: 0.108

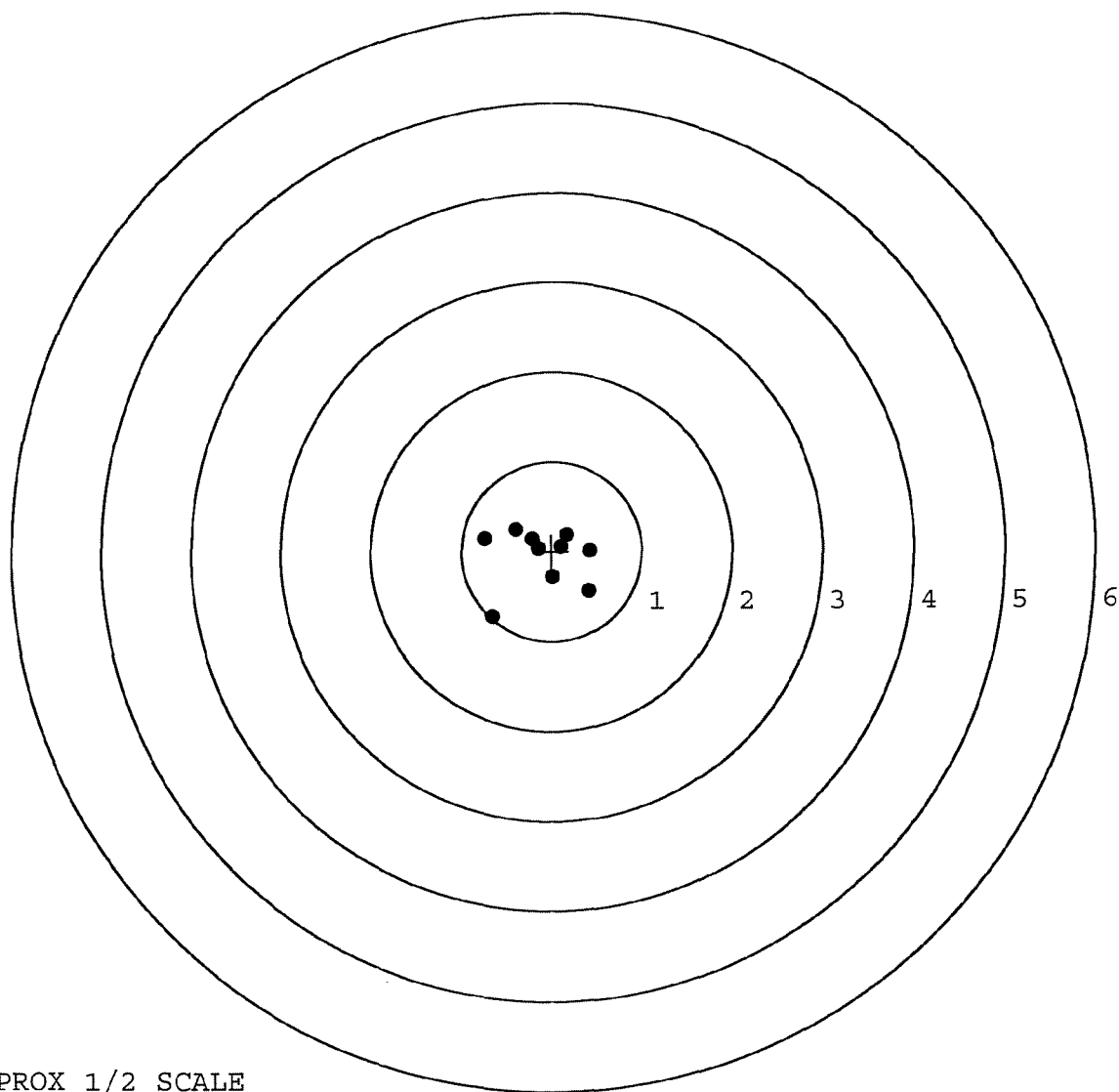
MAX RADIUS: 0.867

MEAN RADIUS: 0.435

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165441

SERIAL NUMBER: G6590144. __0

TARGET NUMBER: 5

FILE DATE: 12/04/2006

FILE TIME: 05:30

POINT#	X	Y
1:	0.742	0.342
2:	0.559	-0.197
3:	0.240	0.083
4:	-1.349	-0.814
5:	-0.263	-0.578
6:	-0.604	0.186
7:	-0.215	-0.027
8:	-0.131	-0.274
9:	-0.018	-0.040
10:	0.667	0.355

X CENTROID: -0.037

Y CENTROID: -0.096

POA TO CENTROID: 0.103

HORZ SPREAD: 2.091

VERT SPREAD: 1.169

GROUP SPREAD: 2.389

MIN RADIUS: 0.060

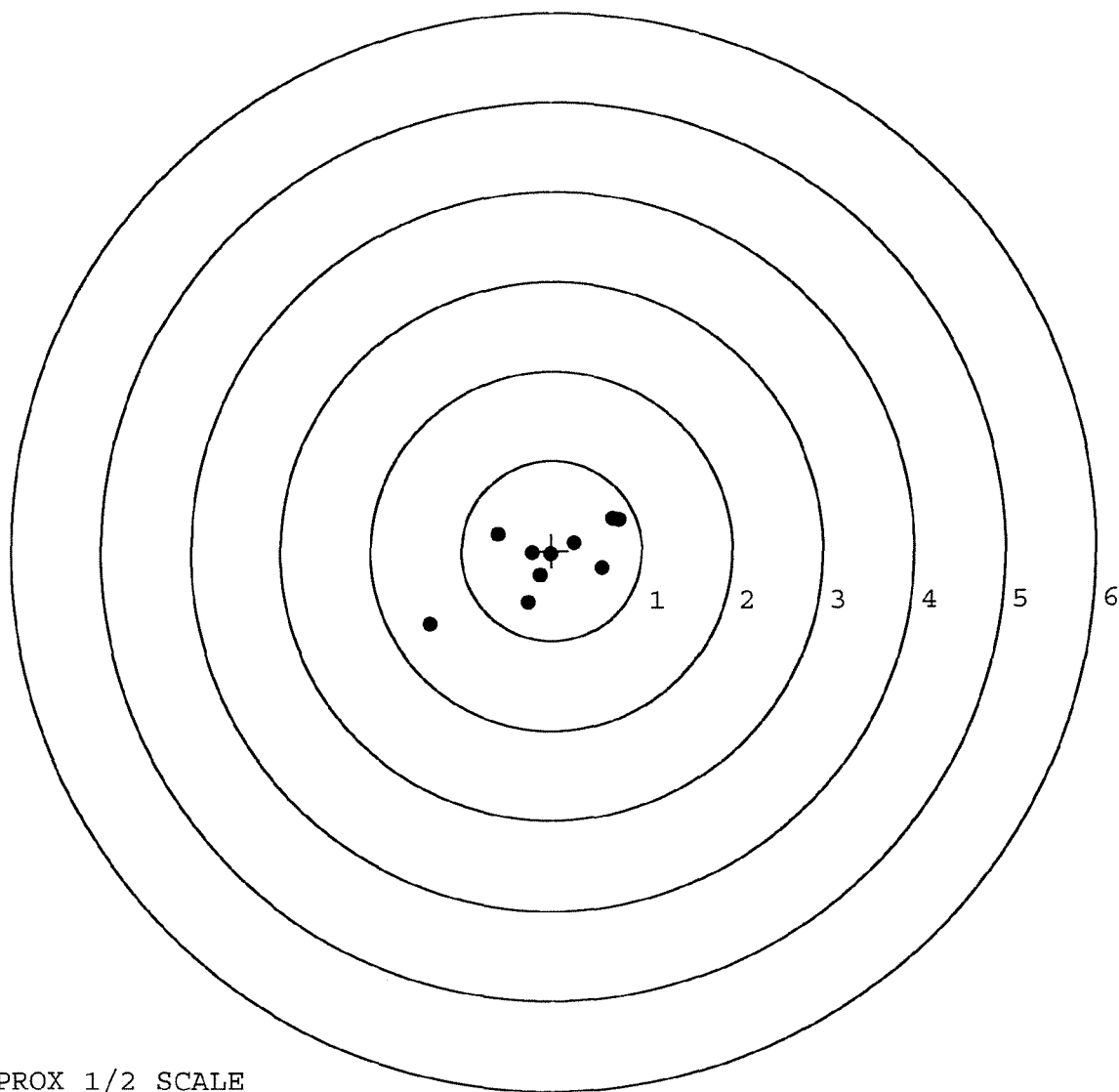
MAX RADIUS: 1.495

MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE