

G-6591555

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

- INSTRUCTION BOOK 3518

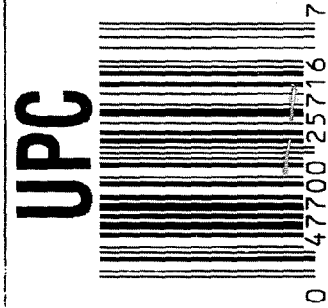


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6591555



DD FORM

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591555

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	RTZ
420	ASSEMBLE ACTION		10-6-06	BLG
430	ASSEMBLE TO STOCK		10-7-06	WR
440	PROOF		10-7-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 10 2006	10-9-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	10-10-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	WR
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-11-06	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/15/06	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10-24-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-24-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-24-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-7-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

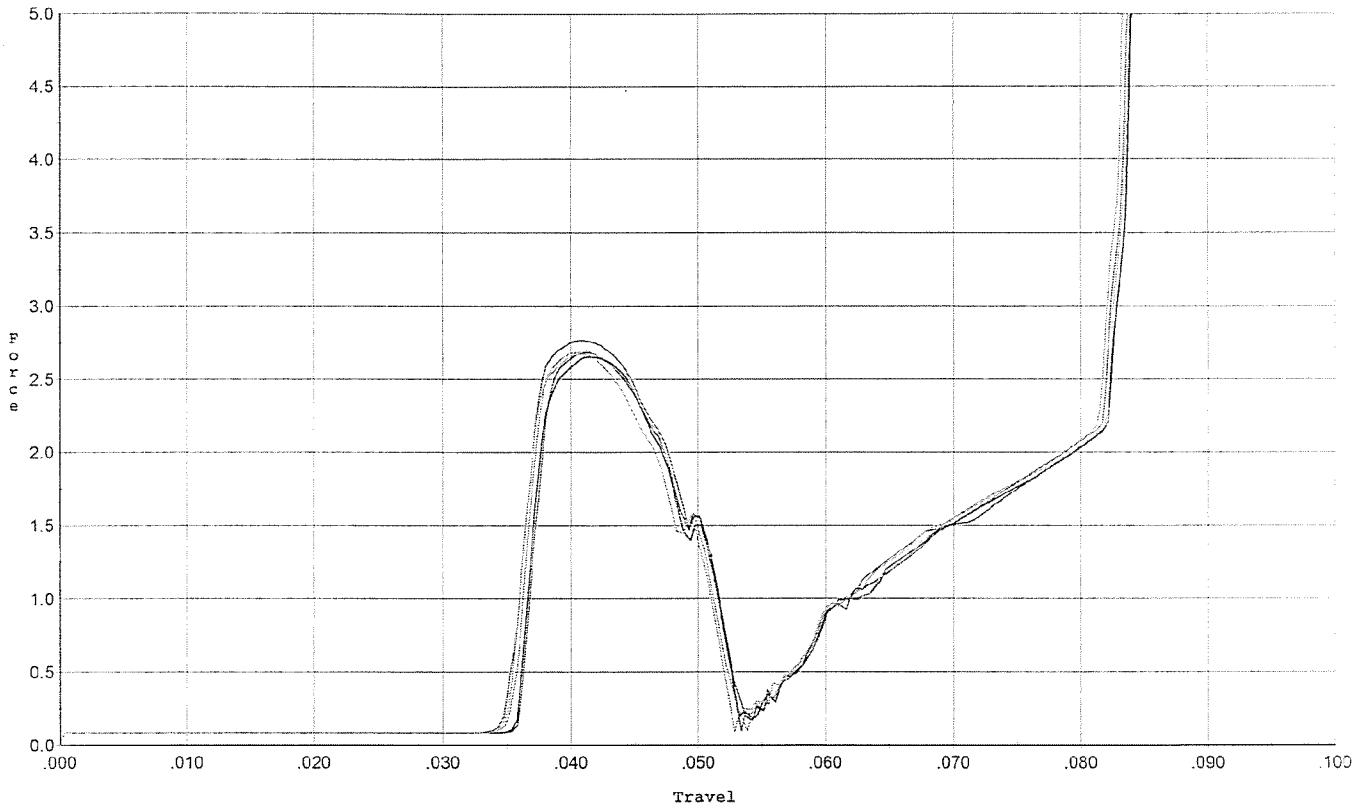
OP #		BARBER M24 M167864	READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	42	45	45	11-14-06	SD		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	62	72	65	11-14-06	SD		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	.024	.024	.025	11-14-06	SD		
	J) ASSEMBLE STOCK					11-7-06	BLG		
	K) ASSEMBLE SWIVEL STUDS					11-17-06	L.P.D.		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					11-17-06	RT		
	M) IRON SIGHT ALIGNMENT					11-17-06	RT		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					11-17-06	RT		
640 & 650	FUNCTION TEST AND TARGET		PASS	FAIL		11-7-06	L.P.D.		
			PASS	FAIL					
	MALFUNCTION		N/A						
	MALFUNCTION								
	MALFUNCTION								
	MALFUNCTION								
660	INSPECT FOR LIVE AMMO					11-17-06	mm		
670	FINAL INSPECTION A) HEADSPACE					11-17-06	L.P.D.		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	246	264	281	237	257	11/14/06	mm
	C) FUNCTION					11-17-06	L.P.D.		
690	PACK					22-07	PA		

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 11/06/06

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



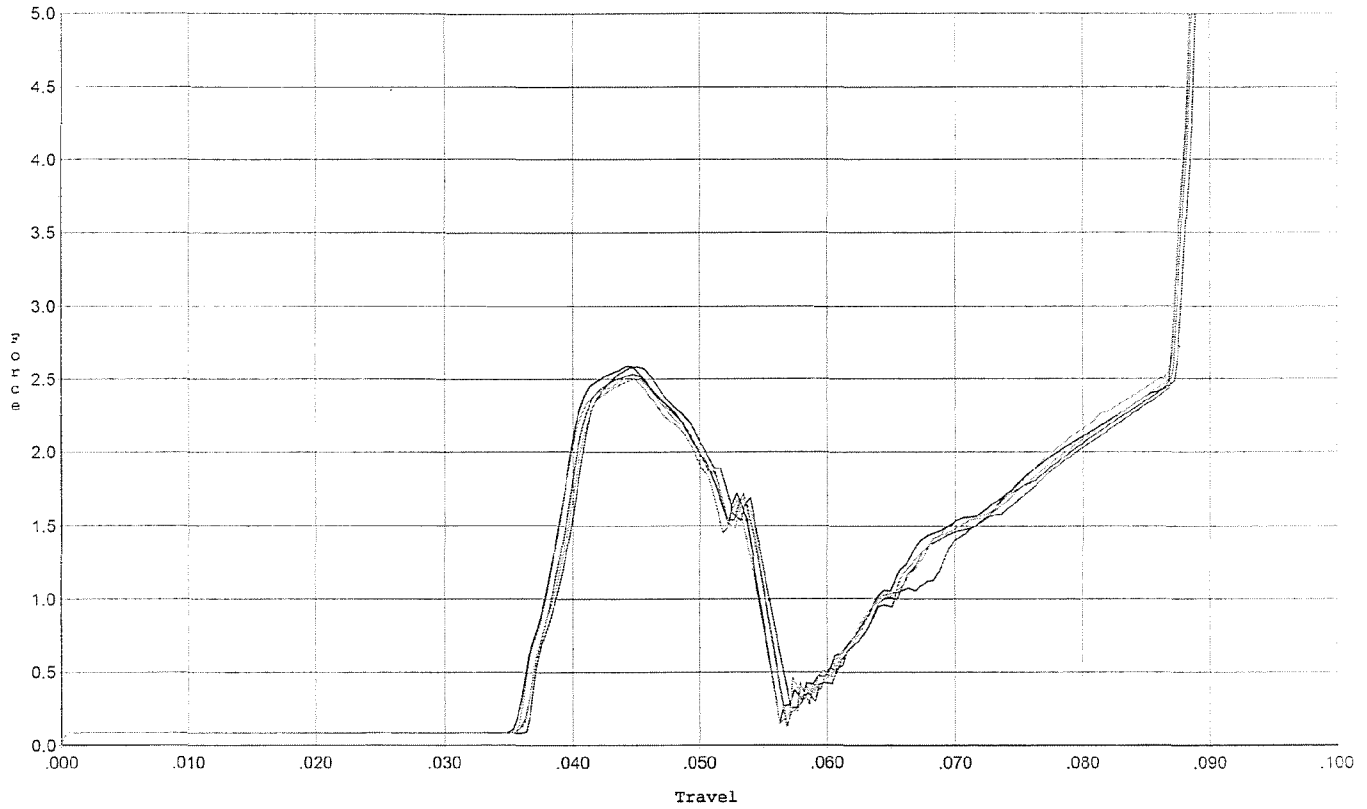
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.685	0.051	0.036	0.038	0.035		Set Trigger
2	2.655	0.051	0.036	0.038	0.035		Set Trigger
3	2.766	0.051	0.035	0.037	0.038		Set Trigger
4	2.674	0.051	0.035	0.037	0.035		Set Trigger
5	2.695	0.050	0.035	0.038	0.036		Set Trigger

AVG 2.69

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/06/06

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



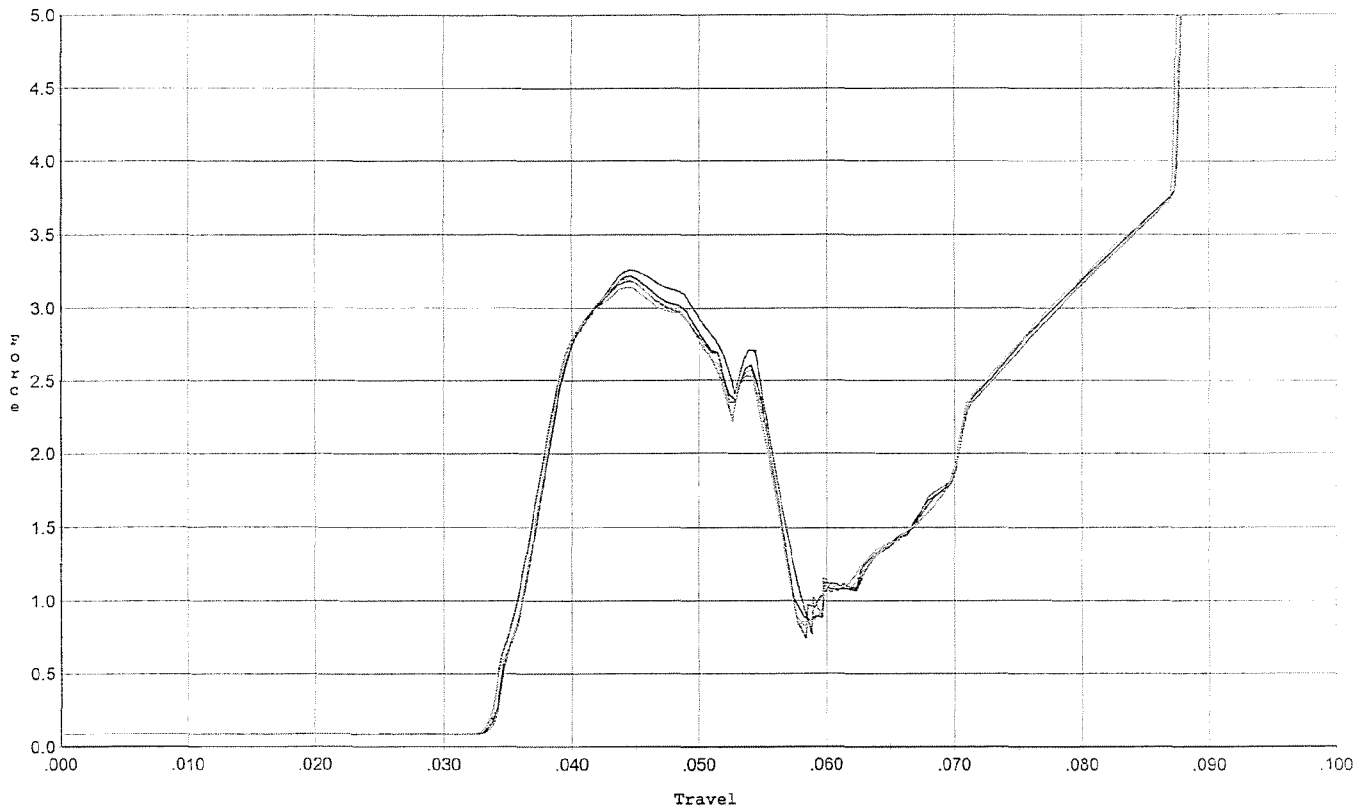
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.582	0.055	0.037	0.039	0.039		Set Trigger
2	2.587	0.054	0.036	0.039	0.038		Set Trigger
3	2.533	0.054	0.036	0.040	0.038		Set Trigger
4	2.498	0.054	0.036	0.039	0.037		Set Trigger
5	2.505	0.054	0.036	0.039	0.037		Set Trigger

Aug 2.54

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 11/06/06

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



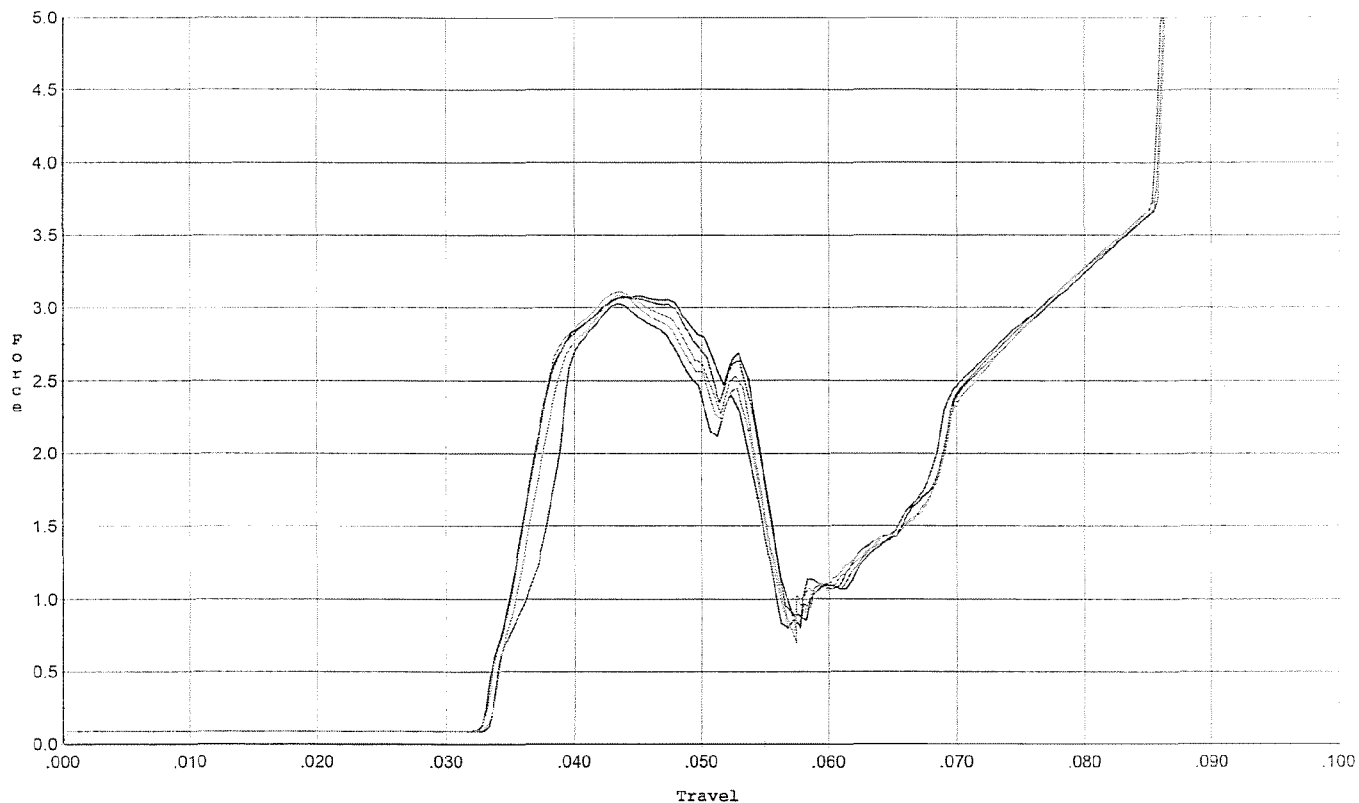
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.261	0.054	0.034	0.037	0.057		Set Trigger
2	3.216	0.055	0.034	0.037	0.056		Set Trigger
3	3.184	0.055	0.034	0.037	0.056		Set Trigger
4	3.141	0.055	0.034	0.037	0.056		Set Trigger
5	3.196	0.056	0.034	0.037	0.056		Set Trigger

Aug 3.20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/06/06

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



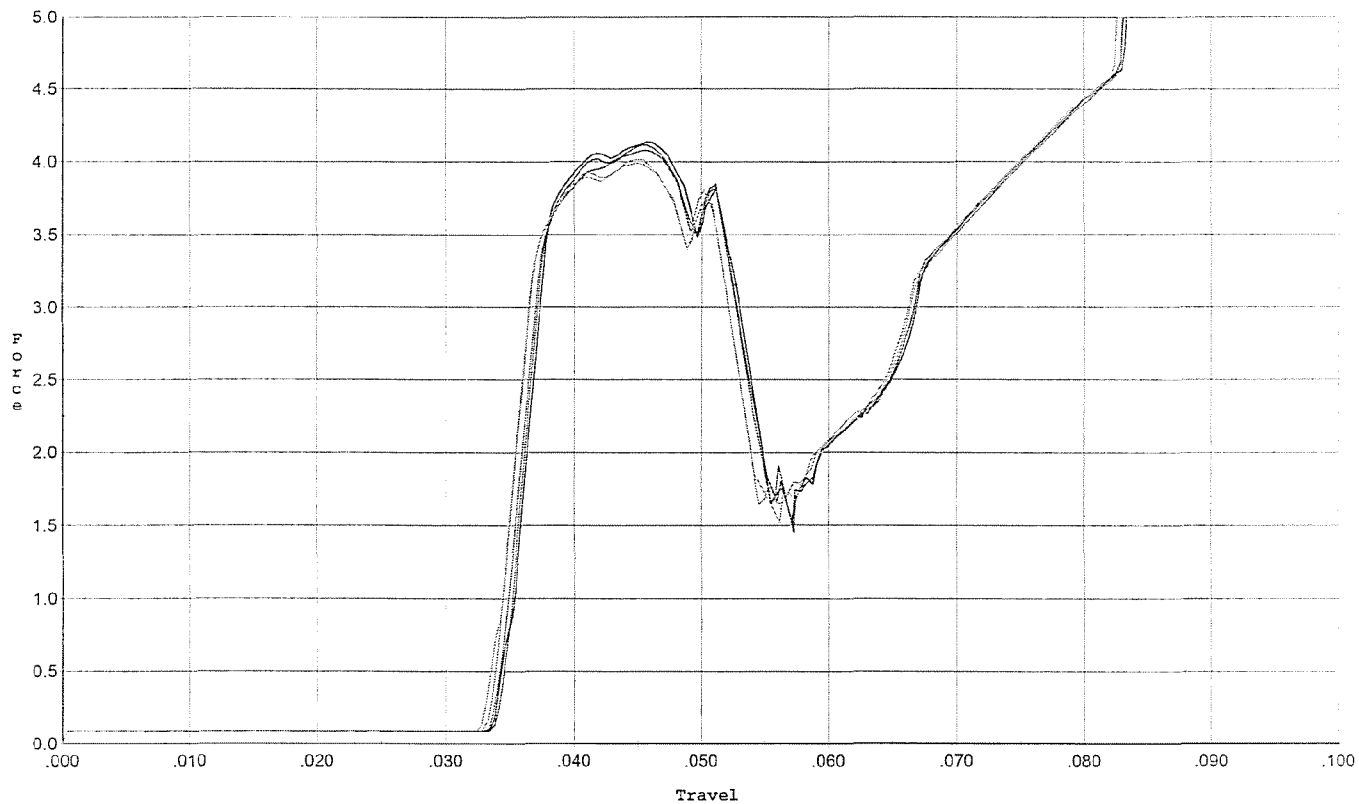
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.029	0.054	0.034	0.037	0.049		Set Trigger
2	3.079	0.054	0.033	0.036	0.056		Set Trigger
3	3.068	0.054	0.033	0.036	0.056		Set Trigger
4	3.084	0.054	0.034	0.037	0.052		Set Trigger
5	3.109	0.053	0.033	0.036	0.054		Set Trigger

Avg 3.07

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 11/06/06

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



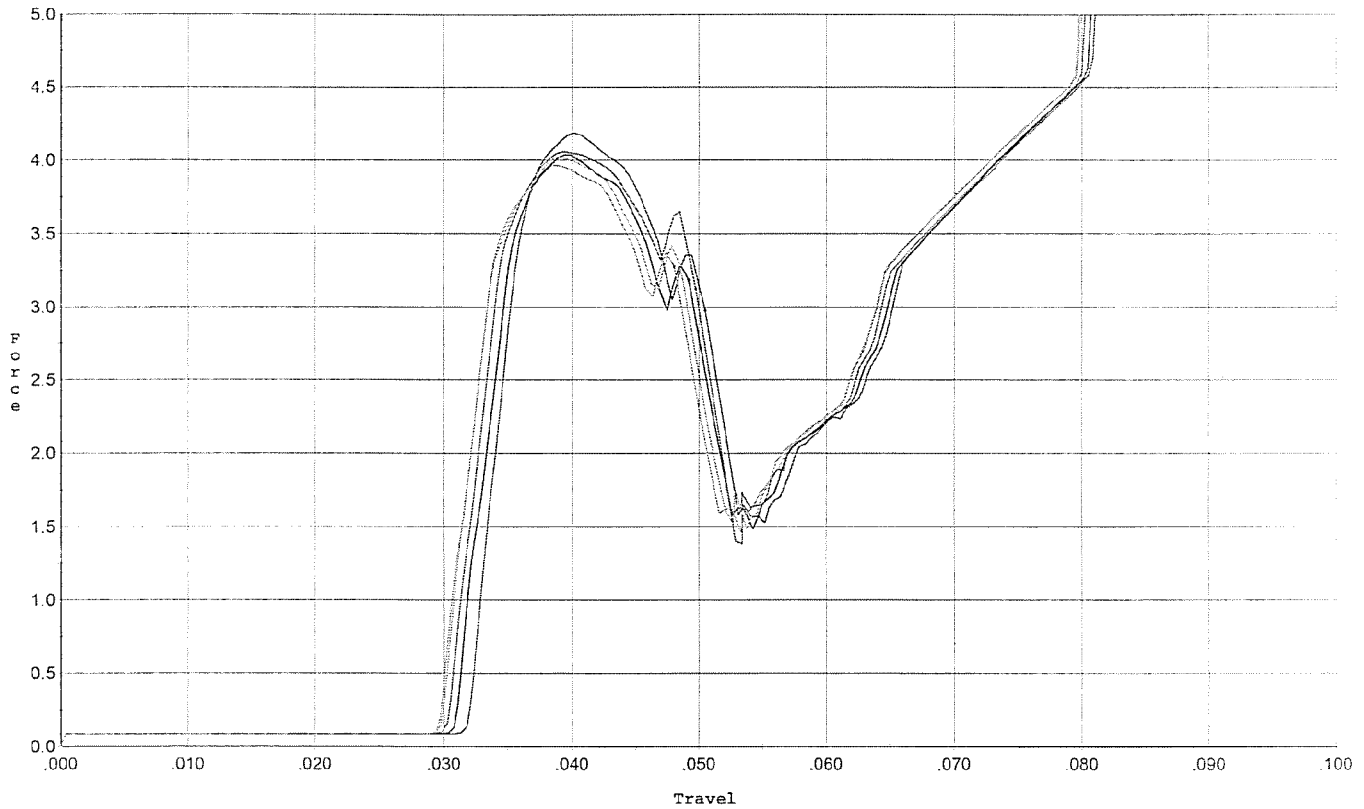
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.113	0.051	0.034	0.035	0.066		Set Trigger
2	4.135	0.053	0.034	0.035	0.069		Set Trigger
3	4.077	0.051	0.034	0.034	0.067		Set Trigger
4	3.990	0.051	0.033	0.034	0.066		Set Trigger
5	4.013	0.051	0.033	0.034	0.066		Set Trigger

Avg 4.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/06/06

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



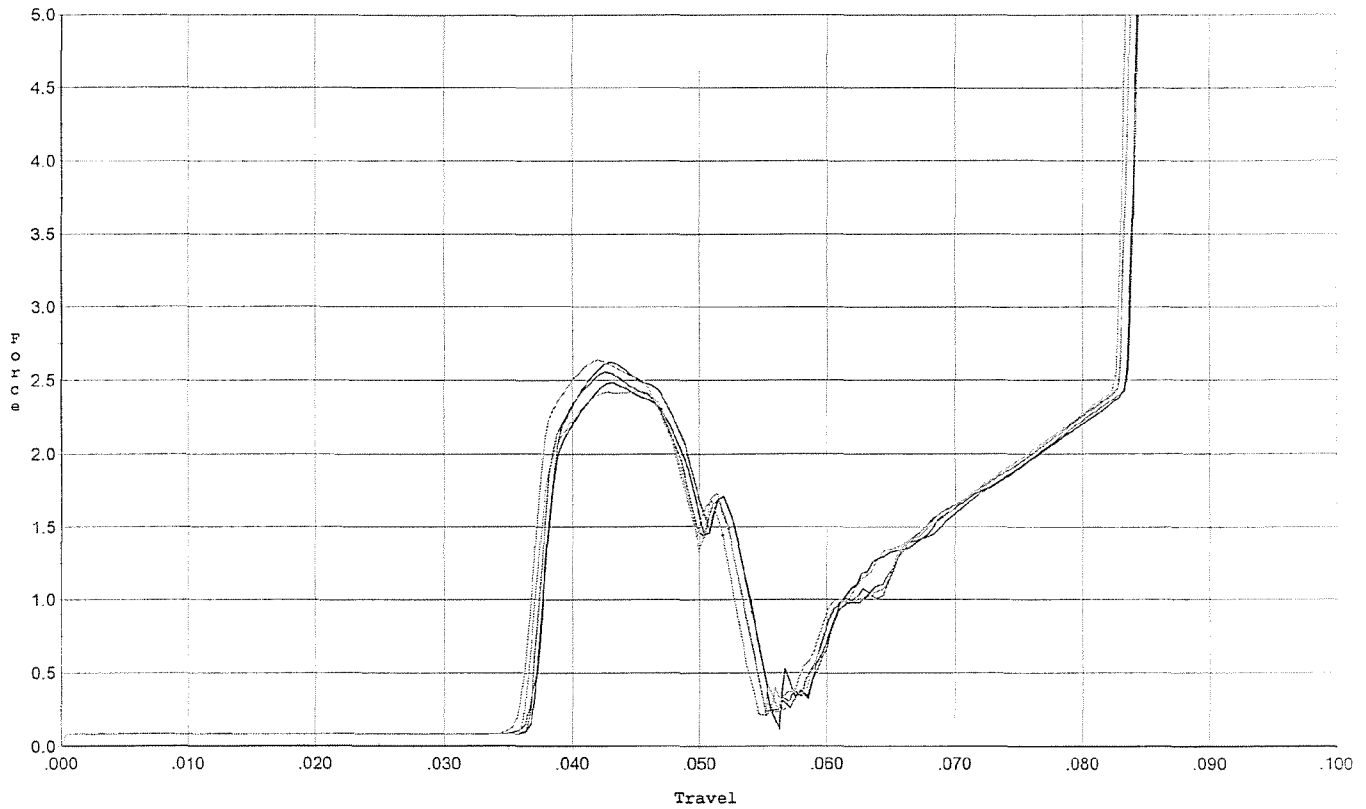
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.184	0.050	0.032	0.034	0.067		Set Trigger
2	4.034	0.049	0.031	0.033	0.064		Set Trigger
3	4.055	0.050	0.030	0.033	0.069		Set Trigger
4	4.020	0.049	0.030	0.032	0.066		Set Trigger
5	3.966	0.048	0.030	0.033	0.064		Set Trigger

Aug 4.05

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/06/06

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



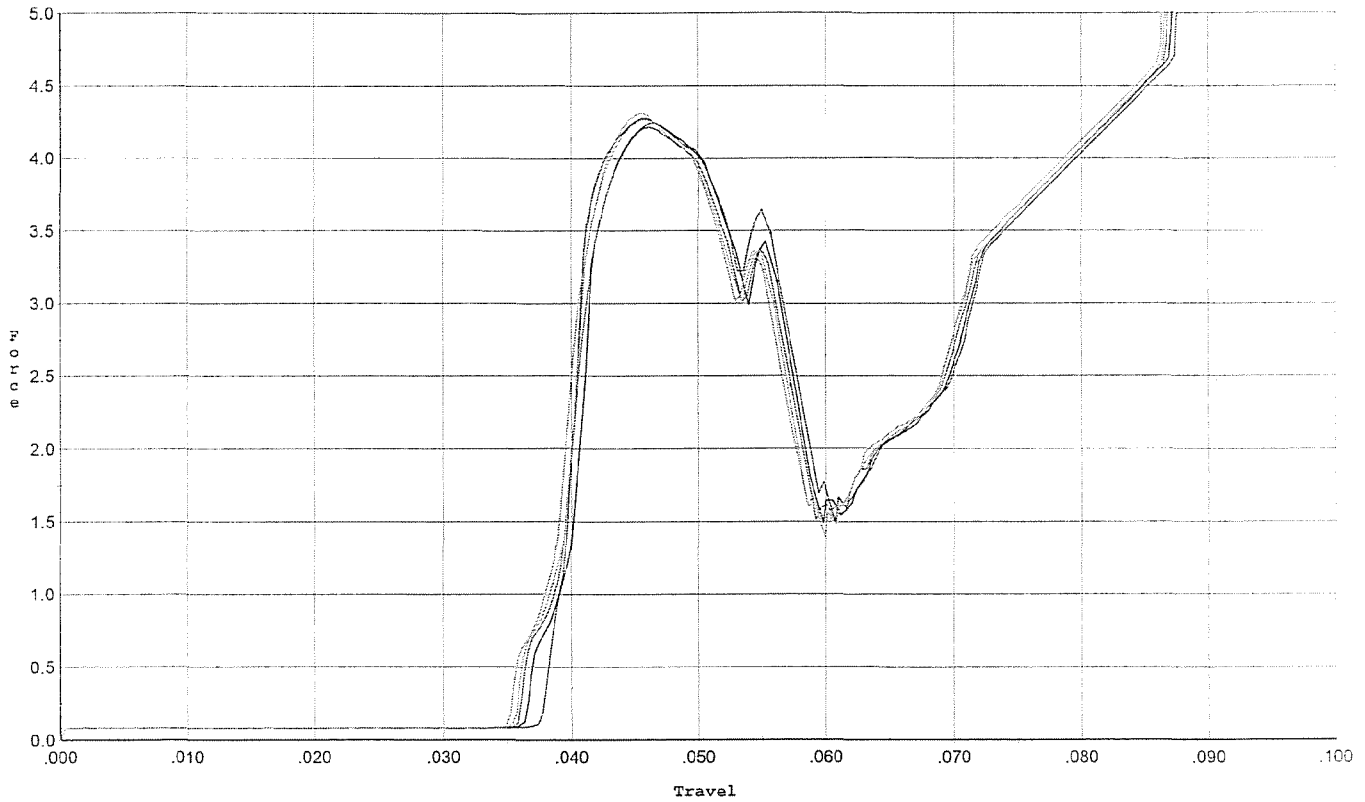
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.626	0.054	0.037	0.037	0.038		Set Trigger
2	2.485	0.054	0.037	0.037	0.036		Set Trigger
3	2.559	0.052	0.037	0.037	0.035		Set Trigger
4	2.422	0.052	0.036	0.037	0.035		Set Trigger
5	2.639	0.052	0.036	0.037	0.037		Set Trigger

Aug 2.54

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 11/06/06

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.275	0.056	0.038	0.036	0.069		Set Trigger
2	4.247	0.056	0.037	0.036	0.067		Set Trigger
3	4.216	0.057	0.036	0.035	0.069		Set Trigger
4	4.267	0.056	0.036	0.035	0.068		Set Trigger
5	4.312	0.055	0.035	0.035	0.067		Set Trigger

Avg 4.26

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591555.__0

FILE DATE AND TIME: 11/08/2006 14:31

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.046
The Average Y Centroid of the Five Target Set:	-0.127
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.651
The Distance from POA to Centroid Target #1:	0.182
The Distance from Centroid Target #2 to Centroid Target #1:	0.150
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.022
The Distance from Centroid Target #5 to Centroid Target #1:	0.140

BARBER - M24 0167874

SERIAL NUMBER: G6591555. __0

TARGET NUMBER: 1

FILE DATE: 11/08/2006

FILE TIME: 14:31

POINT#	X	Y
1:	0.236	-0.852
2:	0.648	-0.629
3:	0.529	0.061
4:	0.421	0.754
5:	0.130	0.068
6:	-0.263	0.178
7:	-0.368	-0.053
8:	-0.360	-0.398
9:	-0.830	-0.550
10:	-1.297	0.019

X CENTROID: -0.115

Y CENTROID: -0.140

POA TO CENTROID: 0.182

HORZ SPREAD: 1.945

VERT SPREAD: 1.606

GROUP SPREAD: 2.050

MIN RADIUS: 0.267

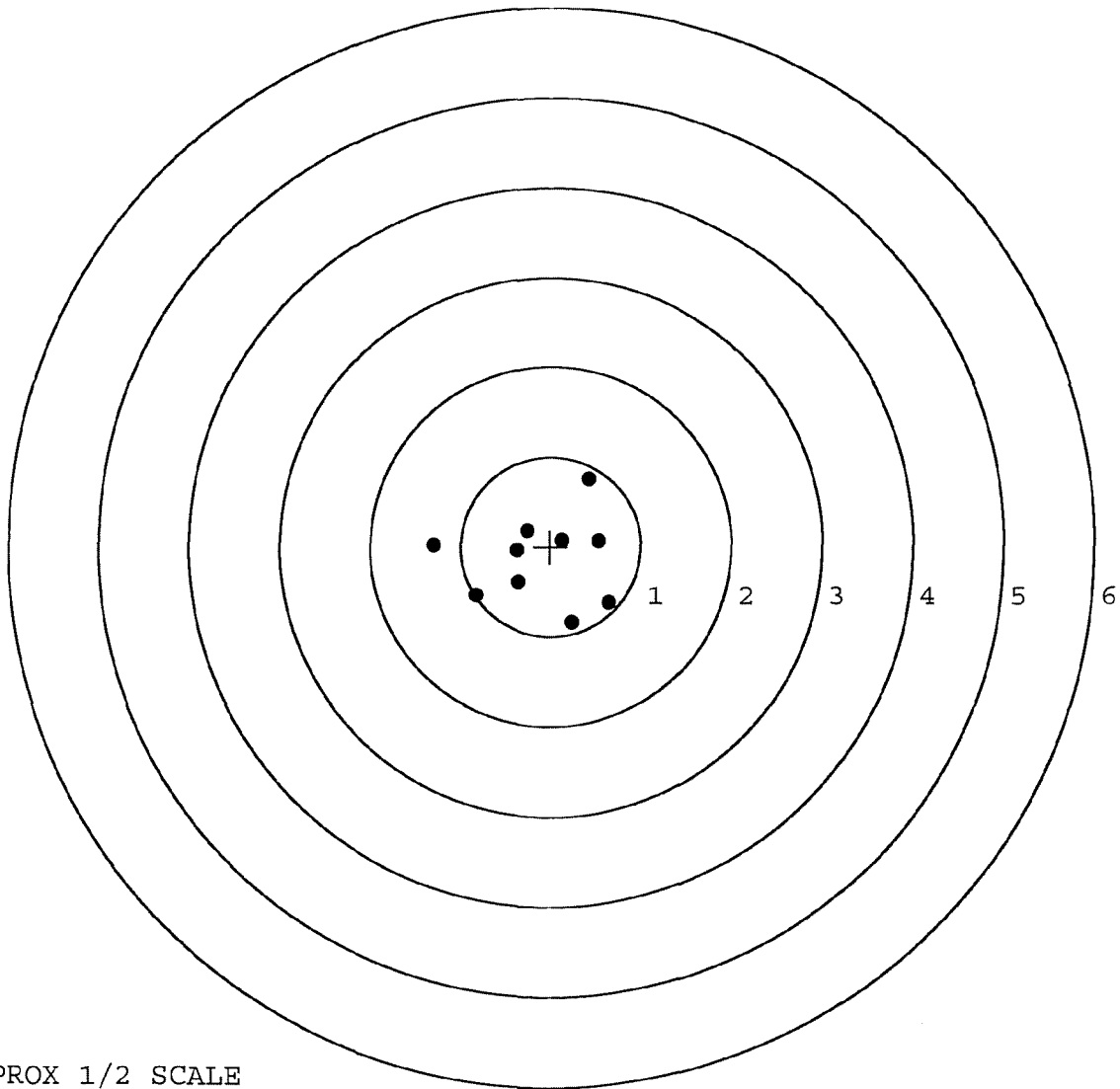
MAX RADIUS: 1.192

MEAN RADIUS: 0.673

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591555. __0

TARGET NUMBER: 2

FILE DATE: 11/08/2006

FILE TIME: 14:31

POINT#	X	Y
1:	1.053	-0.264
2:	0.770	0.350
3:	0.606	0.283
4:	0.151	-0.212
5:	0.031	-0.393
6:	-0.493	-0.609
7:	-0.220	-1.404
8:	-0.300	0.316
9:	-0.577	0.462
10:	-0.792	0.655

X CENTROID: 0.023

Y CENTROID: -0.082

POA TO CENTROID: 0.085

HORZ SPREAD: 1.845

VERT SPREAD: 2.059

GROUP SPREAD: 2.137

MIN RADIUS: 0.183

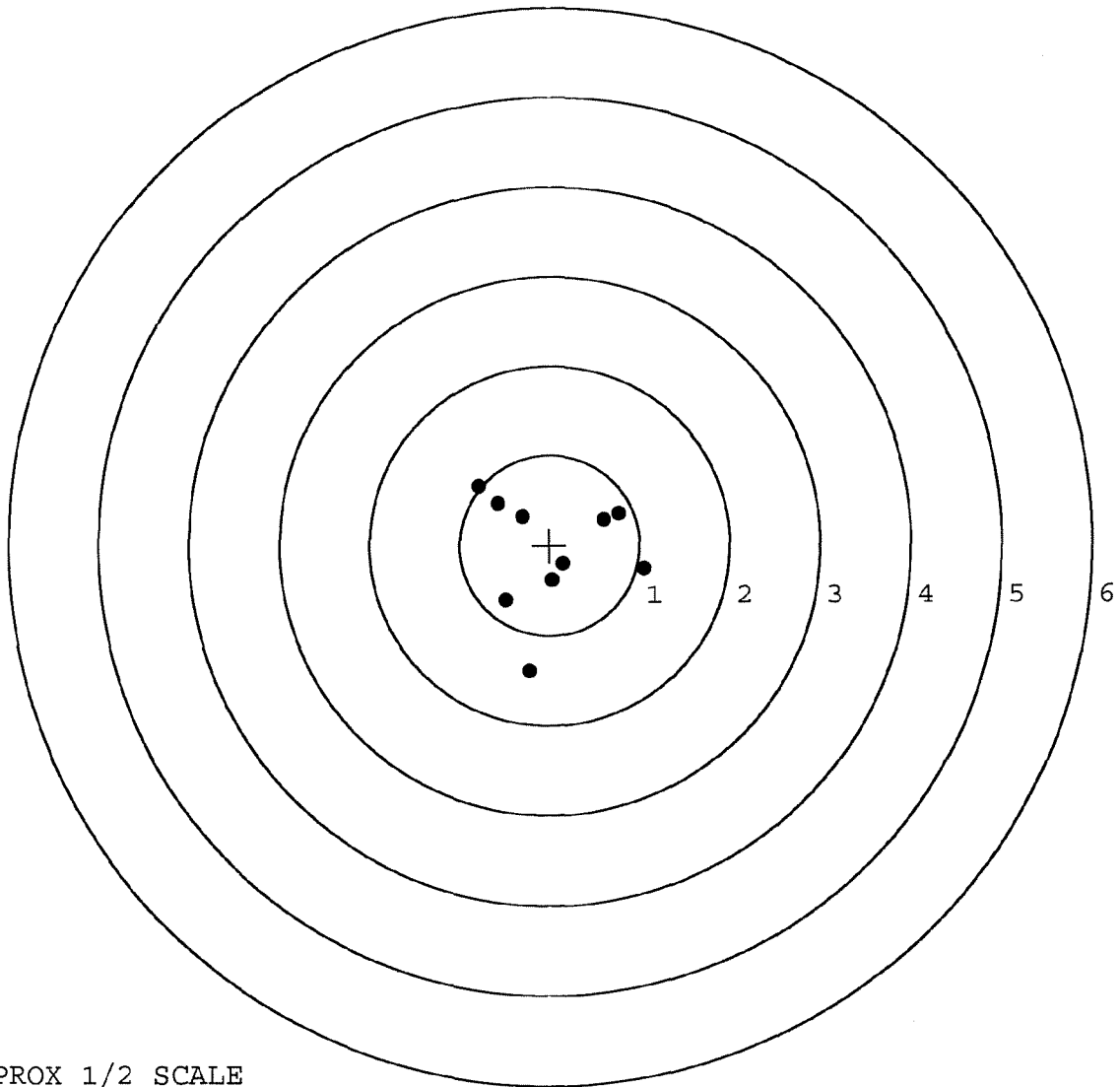
MAX RADIUS: 1.345

MEAN RADIUS: 0.759

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0167876

SERIAL NUMBER: G6591555. __0

TARGET NUMBER: 3

FILE DATE: 11/08/2006

FILE TIME: 14:31

POINT#	X	Y
1:	0.530	-0.816
2:	-0.749	-0.187
3:	-0.593	-0.070
4:	-0.807	0.412
5:	-0.483	0.373
6:	0.411	0.194
7:	0.651	-0.155
8:	0.128	-0.064
9:	0.394	-0.384
10:	0.369	-0.096

X CENTROID: -0.015

Y CENTROID: -0.079

POA TO CENTROID: 0.081

HORZ SPREAD: 1.458

VERT SPREAD: 1.228

GROUP SPREAD: 1.815

MIN RADIUS: 0.144

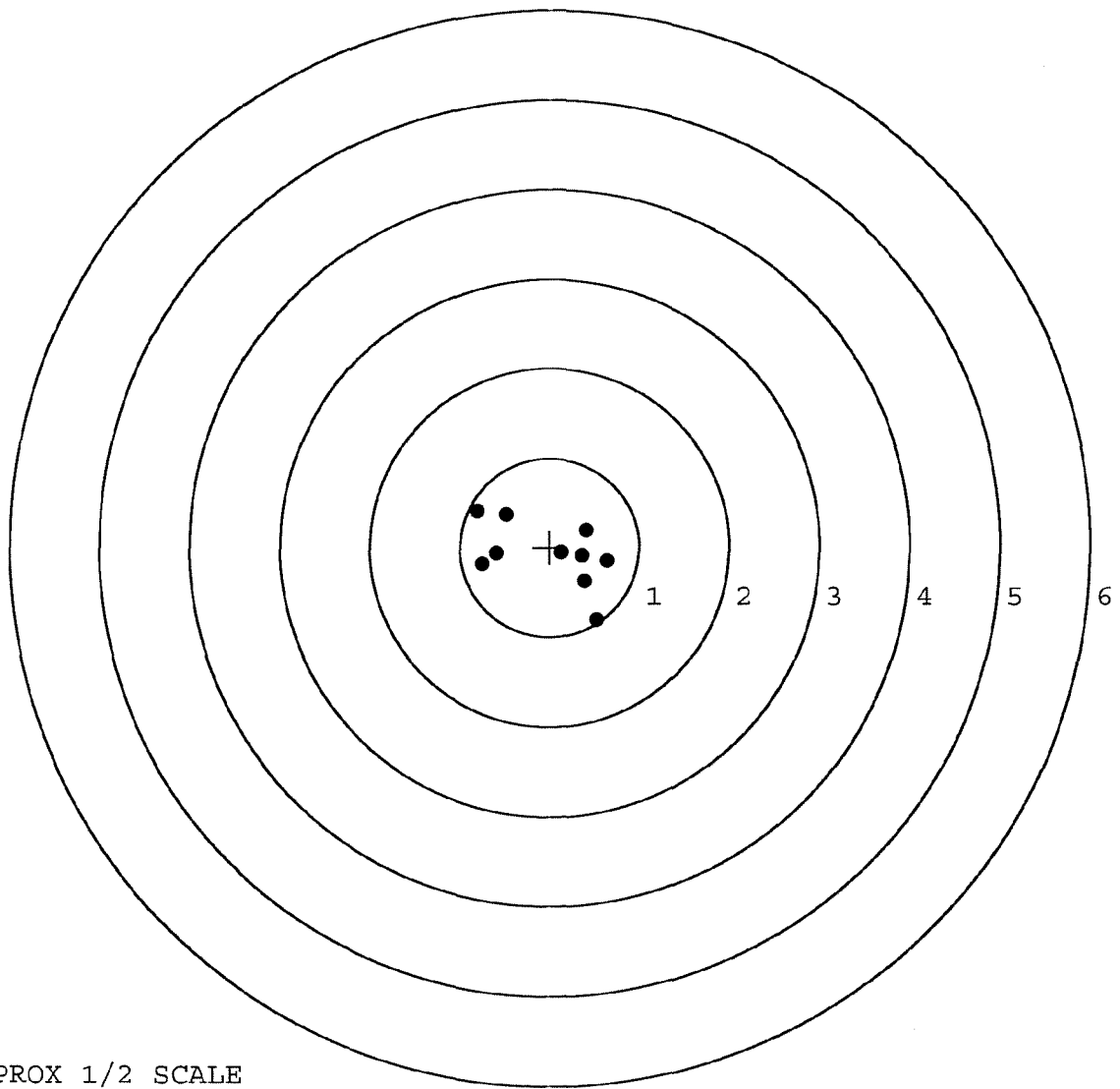
MAX RADIUS: 0.932

MEAN RADIUS: 0.603

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591555. __0

TARGET NUMBER: 4

FILE DATE: 11/08/2006

FILE TIME: 14:31

POINT#	X	Y
1:	0.742	-0.284
2:	0.357	0.309
3:	0.017	0.659
4:	-0.316	0.114
5:	0.235	-0.382
6:	0.102	-0.703
7:	-0.170	-0.297
8:	-0.547	-0.332
9:	-0.918	-0.132
10:	-0.874	-0.398

X CENTROID: -0.137

Y CENTROID: -0.145

POA TO CENTROID: 0.199

HORZ SPREAD: 1.660

VERT SPREAD: 1.362

GROUP SPREAD: 1.667

MIN RADIUS: 0.156

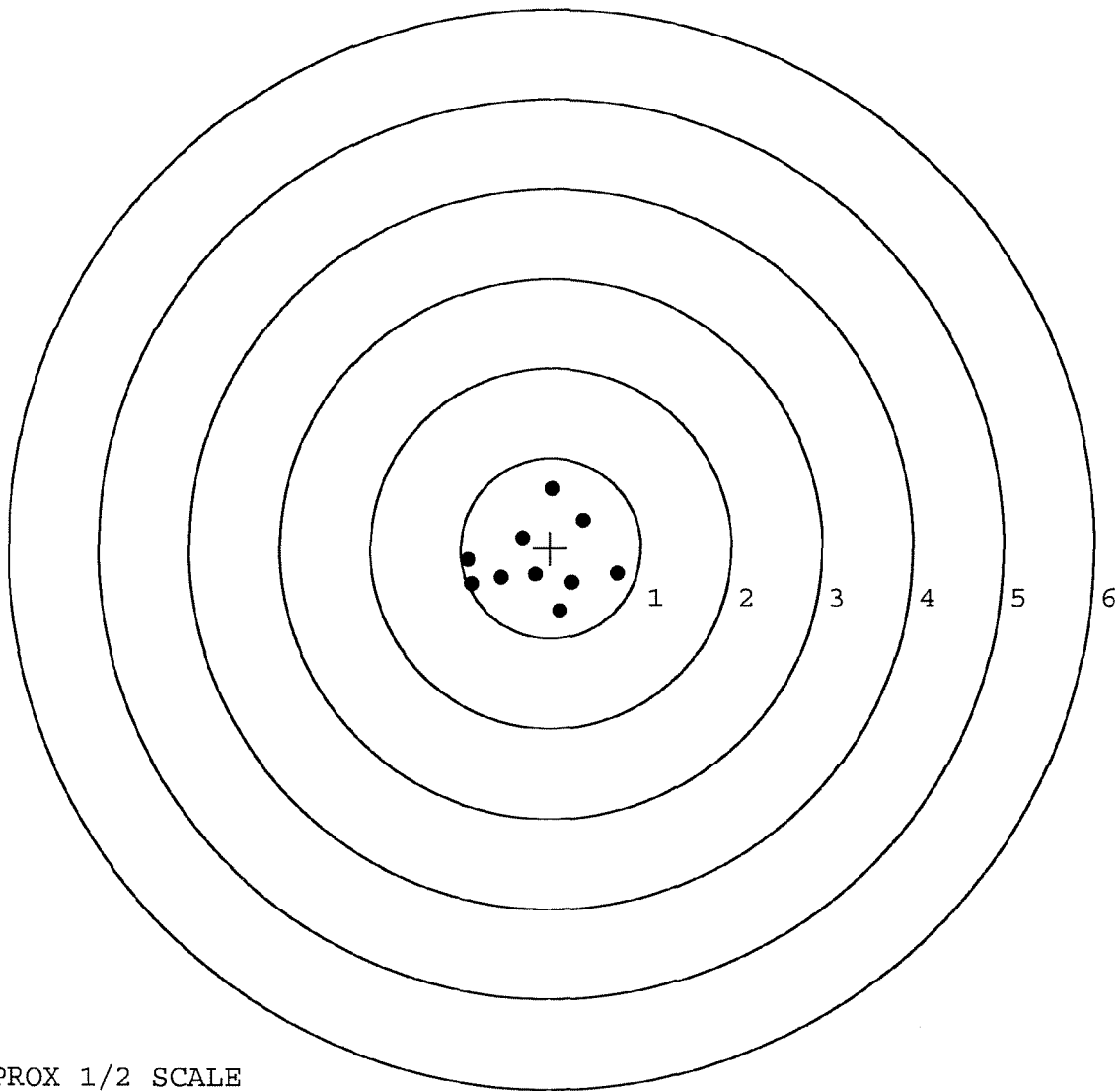
MAX RADIUS: 0.890

MEAN RADIUS: 0.591

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

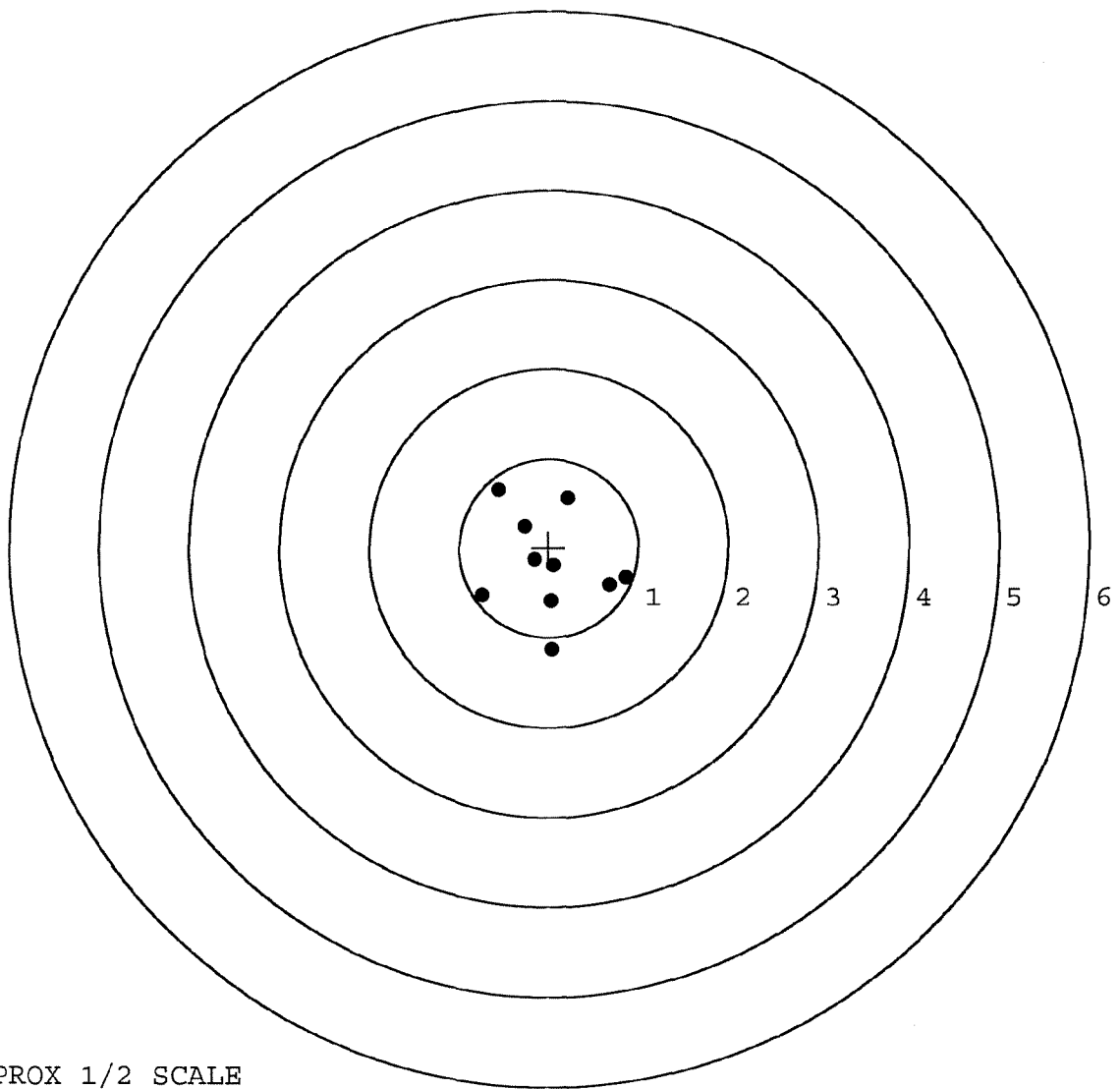
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0167878

SERIAL NUMBER: G6591555. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.865	-0.337
FILE DATE: 11/08/2006	2:	0.039	-1.142
FILE TIME: 14:31	3:	0.029	-0.605
	4:	-0.741	-0.531
X CENTROID: 0.015	5:	0.208	0.565
Y CENTROID: -0.192	6:	-0.566	0.654
POA TO CENTROID: 0.192	7:	-0.269	0.240
HORZ SPREAD: 1.606	8:	-0.156	-0.140
VERT SPREAD: 1.796	9:	0.057	-0.203
GROUP SPREAD: 1.895	10:	0.685	-0.417
MIN RADIUS: 0.043			
MAX RADIUS: 1.026			
MEAN RADIUS: 0.631			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE