

G 6591693

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

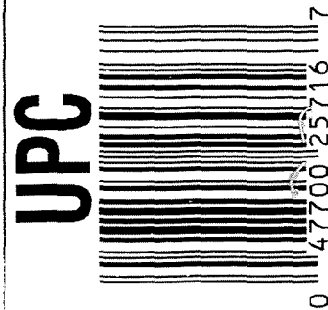
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6591693



ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591693

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-26-06	RTZ
420	ASSEMBLE ACTION		9-28-06	RTZ
430	ASSEMBLE TO STOCK		10-2-06	SD
440	PROOF	MAGNA-FLUX	10-2-06	TRW
460	CHECK HEADSPACE	INSPECTED	10-2-06	TRW
470	DIS-ASSEMBLE ACTION	001 - 3 2006	10-2-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mmms</u>	10/2/06	<u>mmms</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10/3/06	BAB
510	DRILL AND TAP SIGHT HOLES		10-3-06	SD
520	GOFF BLAST BBL / REC		10-5-06	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/6/06	TR
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-6-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-6-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-6-06	DA
	D) OIL FIRING PIN ASSEMBLY		10-17-06	RLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

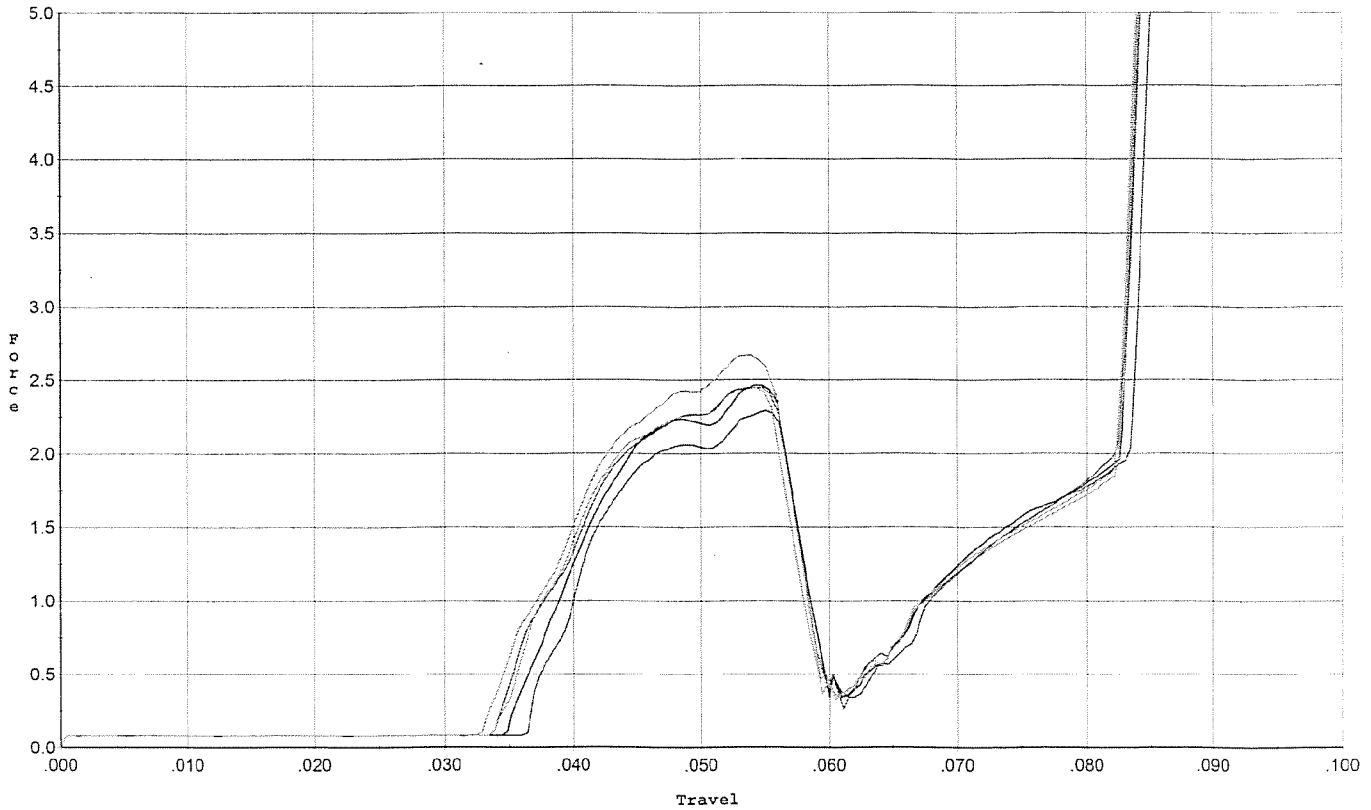
OP #	BARBER NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>45</u> <u>40</u> <u>45</u>	11-14-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>82</u> <u>82</u> <u>82</u>	11-14-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.024</u>	11-14-06	SD
	J) ASSEMBLE STOCK		10-19-06	BLG
	K) ASSEMBLE SWIVEL STUDS		11-14-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-17-06	BLG
	M) IRON SIGHT ALIGNMENT		10-17-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-17-06	BLG
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL <u>PASS</u> FAIL	10-26-06	TRW
	MALFUNCTION 11 clicks right	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/26/06	WR
670	FINAL INSPECTION A) HEADSPACE		11-14-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.32</u> <u>2.39</u> <u>2.29</u> <u>2.55</u> <u>2.18</u>	11/11/06	TRW
	C) FUNCTION		11-14-06	L.P.D.
690	PACK		12-8-06	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 10/10/06

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



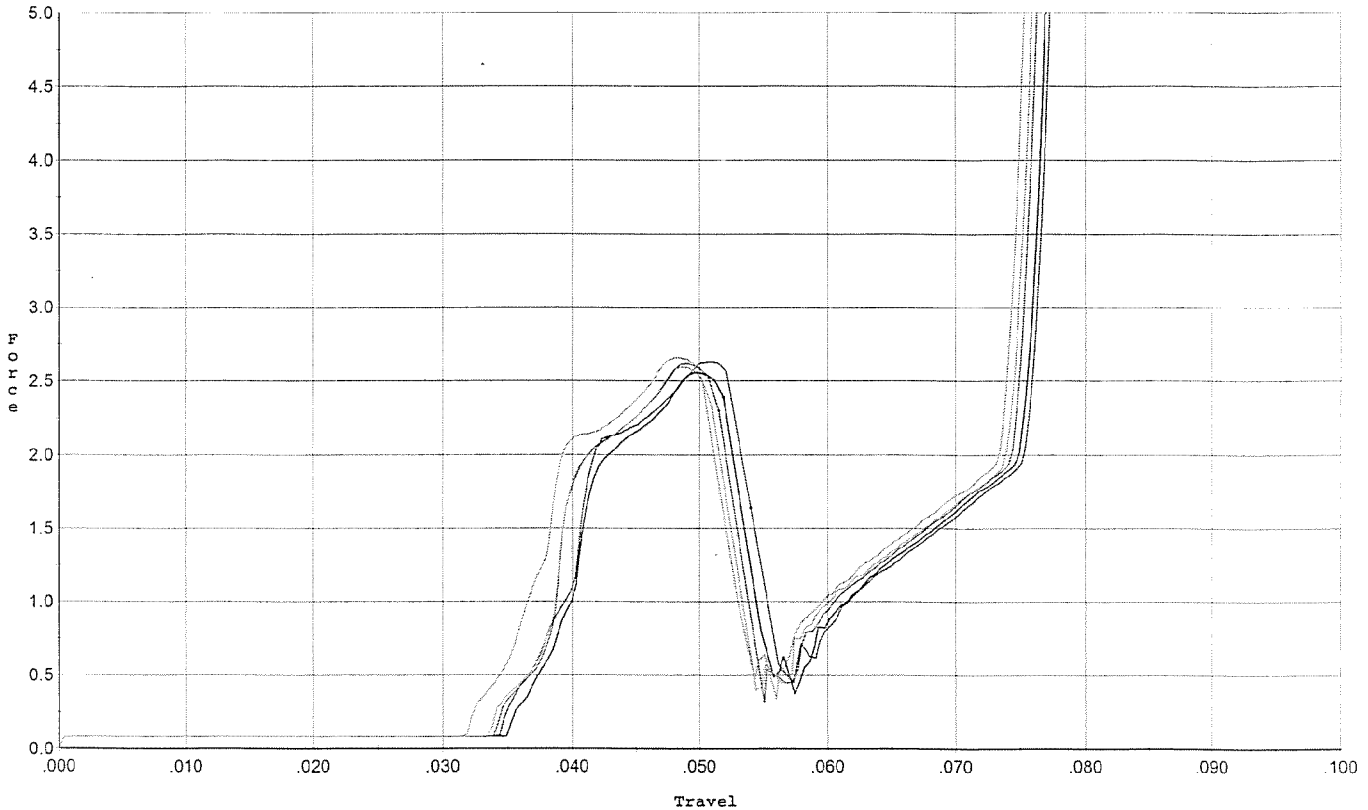
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.291	0.056	0.037	0.035	0.038		Set Trigger
2	2.464	0.056	0.035	0.034	0.042		Set Trigger
3	2.447	0.056	0.034	0.034	0.044		Set Trigger
4	2.452	0.055	0.034	0.035	0.043		Set Trigger
5	2.669	0.056	0.033	0.034	0.047		Set Trigger

Avg 2.46

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 10/10/06

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



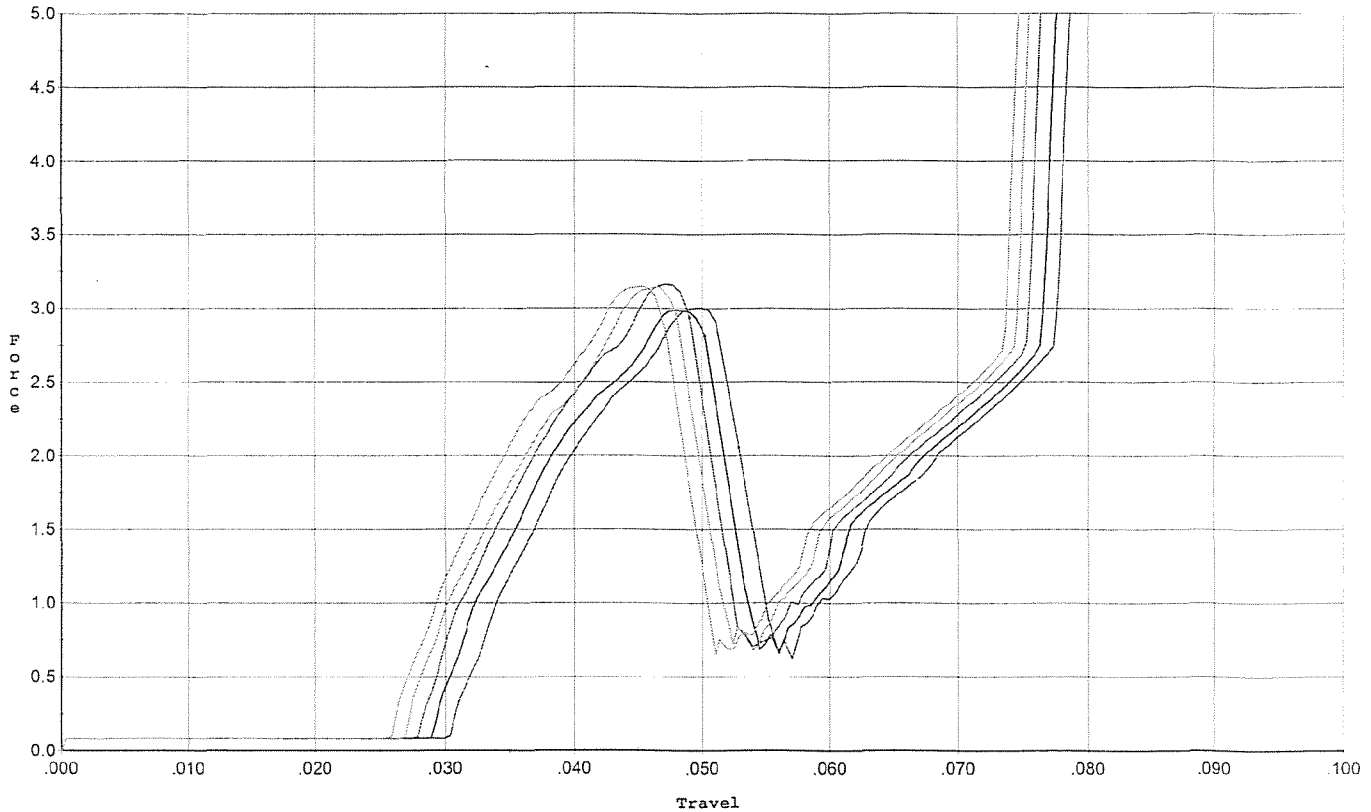
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.628	0.054	0.035	0.030	0.038		Set Trigger
2	2.556	0.052	0.035	0.031	0.034		Set Trigger
3	2.621	0.052	0.034	0.031	0.036		Set Trigger
4	2.594	0.051	0.034	0.031	0.035		Set Trigger
5	2.653	0.050	0.032	0.031	0.037		Set Trigger

AVG (2.61) RP
 2.61

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/10/06

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



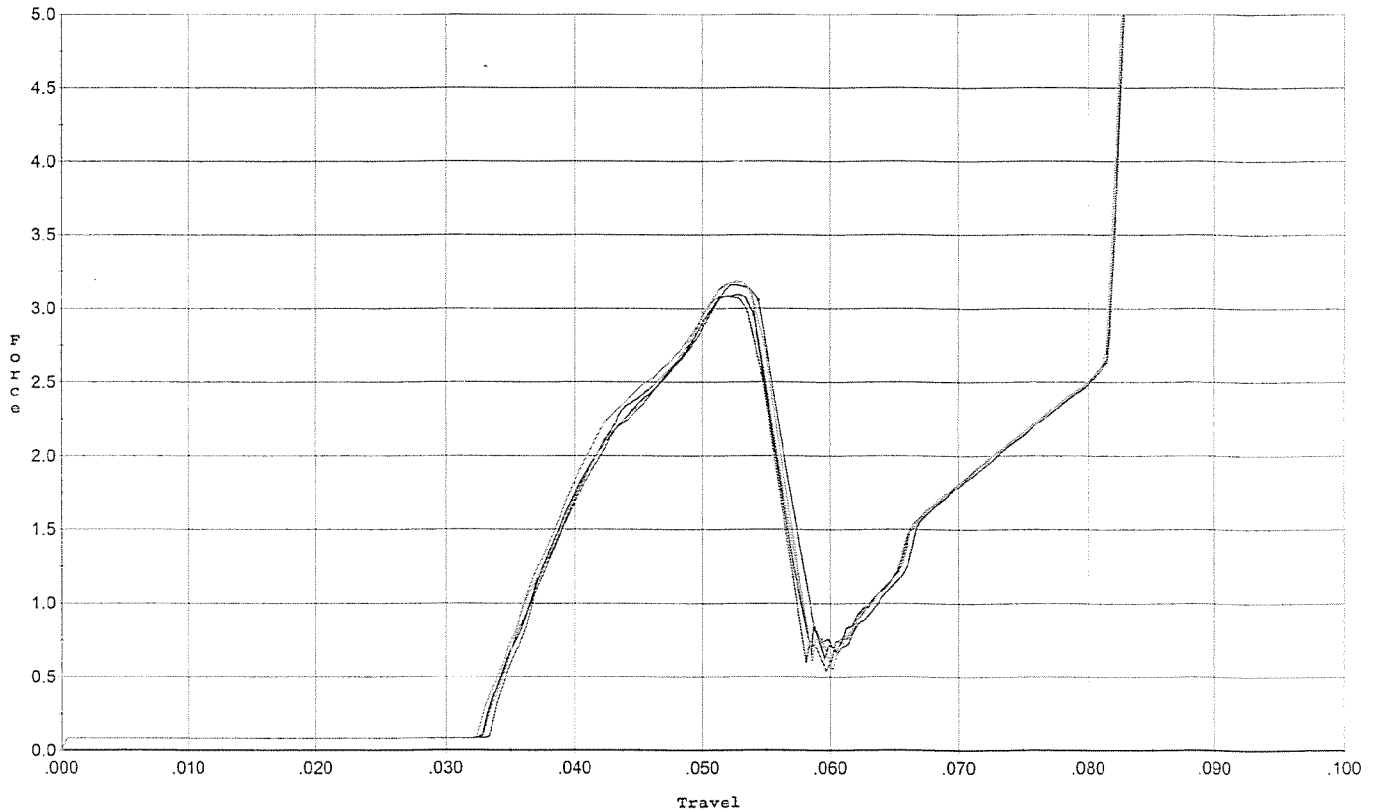
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.004	0.053	0.031	0.032	0.048		Set Trigger
2	2.991	0.050	0.029	0.032	0.047		Set Trigger
3	3.163	0.049	0.028	0.031	0.049		Set Trigger
4	3.142	0.048	0.027	0.031	0.048		Set Trigger
5	3.146	0.047	0.026	0.031	0.049		Set Trigger

AVG 3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/10/06

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



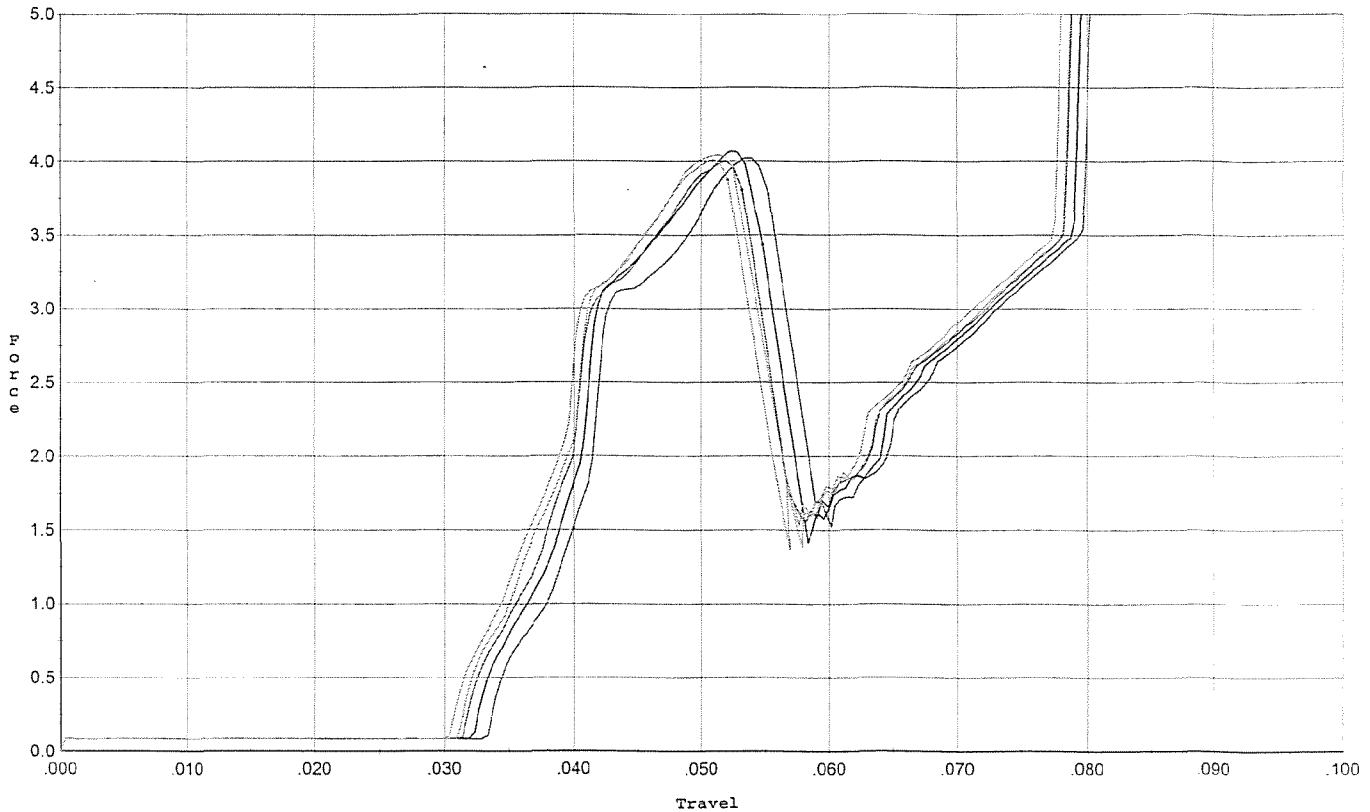
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.158	0.054	0.033	0.033	0.050		Set Trigger
2	3.096	0.054	0.033	0.033	0.049		Set Trigger
3	3.079	0.055	0.034	0.034	0.048		Set Trigger
4	3.181	0.055	0.033	0.034	0.051		Set Trigger
5	3.187	0.054	0.033	0.033	0.050		Set Trigger

AUG 3.14

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/10/06

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



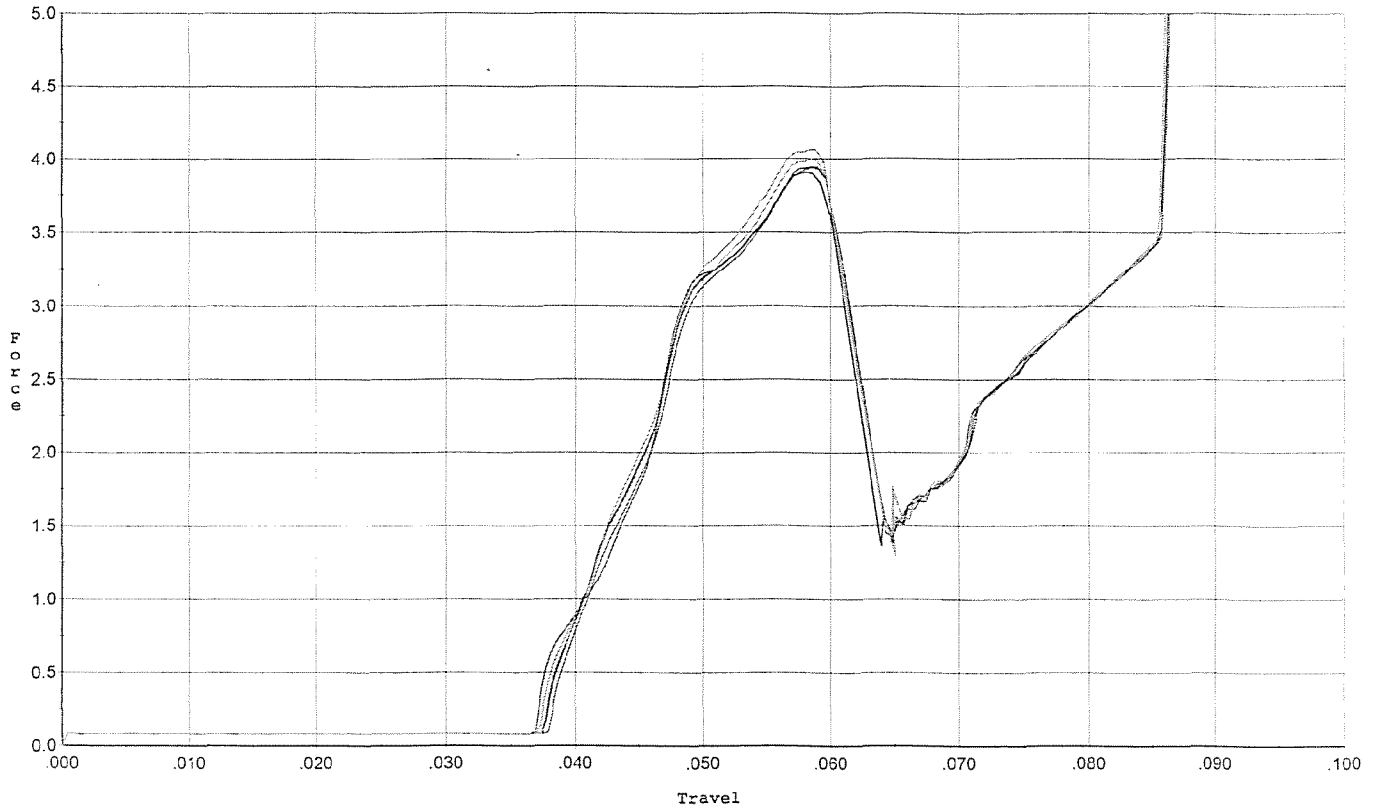
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.019	0.055	0.034	0.029	0.064		Set Trigger
2	4.072	0.055	0.033	0.029	0.065		Set Trigger
3	4.001	0.053	0.032	0.029	0.063		Set Trigger
4	4.046	0.052	0.031	0.030	0.063		Set Trigger
5	4.009	0.052	0.031	0.029	0.063		Set Trigger

AVG 4.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/10/06

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



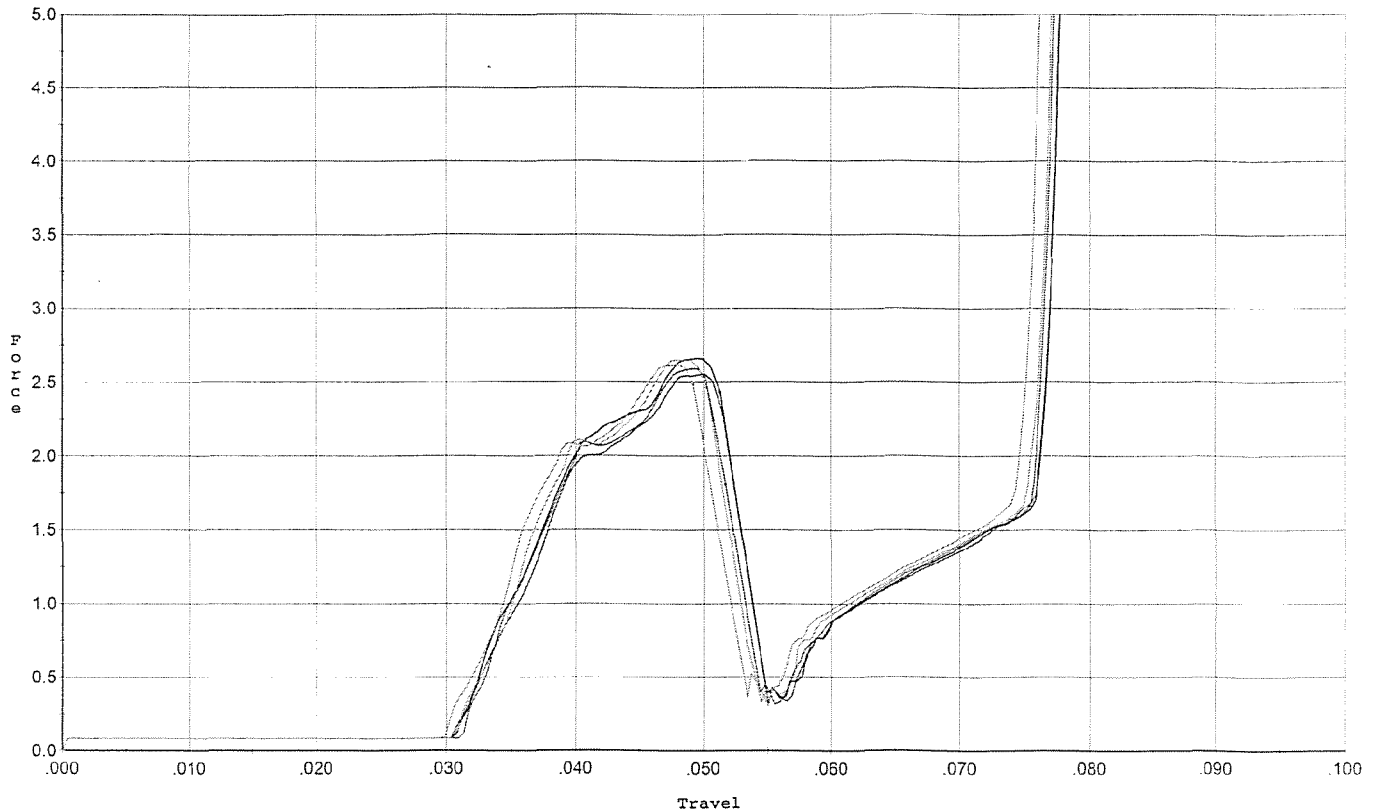
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.945	0.061	0.037	0.030	0.068		Set Trigger
2	3.911	0.060	0.038	0.030	0.065		Set Trigger
3	3.949	0.062	0.038	0.030	0.067		Set Trigger
4	3.998	0.060	0.038	0.030	0.066		Set Trigger
5	4.068	0.059	0.038	0.030	0.067		Set Trigger

AVG 3.97

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/10/06

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



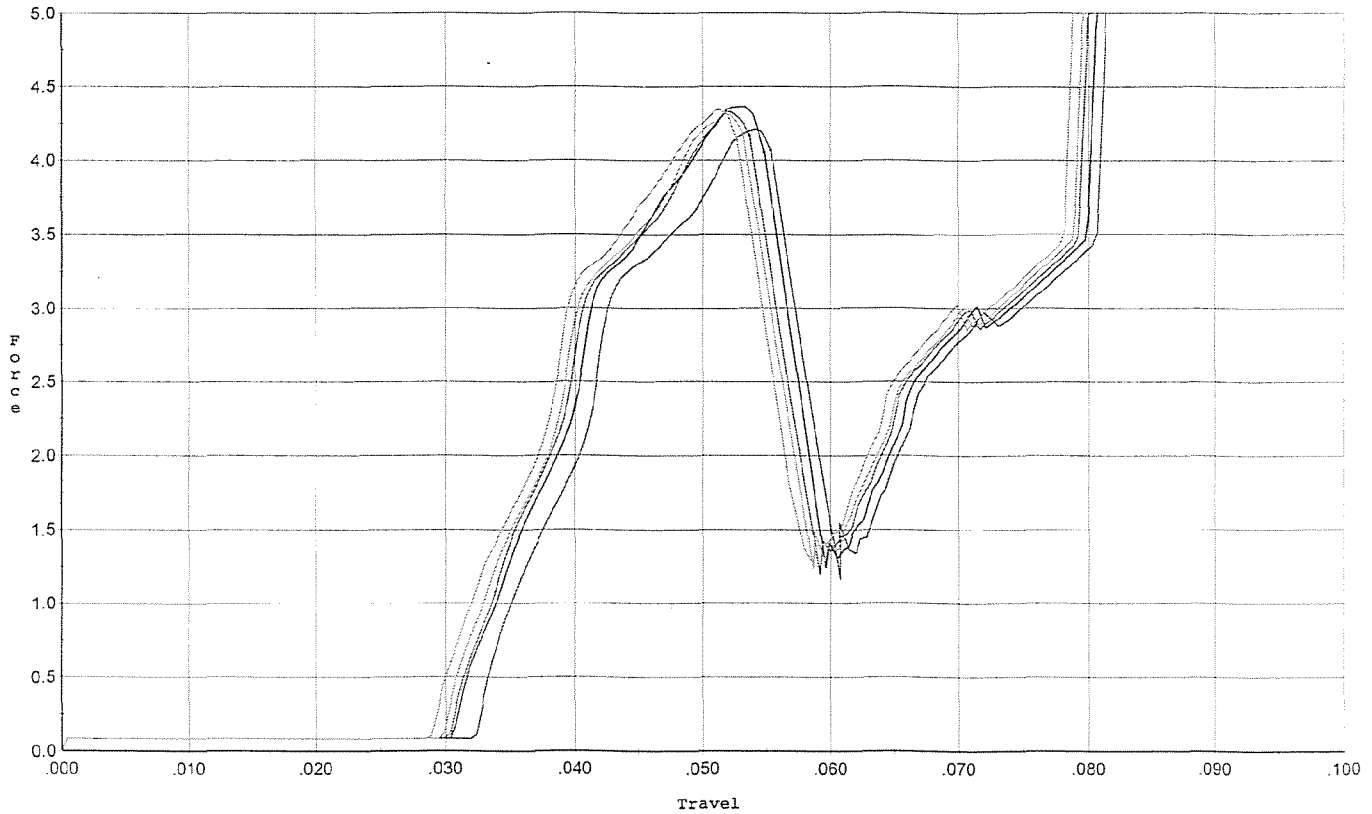
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.555	0.052	0.031	0.032	0.040		Set Trigger
2	2.661	0.051	0.031	0.032	0.042		Set Trigger
3	2.591	0.052	0.032	0.032	0.040		Set Trigger
4	2.653	0.050	0.031	0.032	0.039		Set Trigger
5	2.621	0.049	0.030	0.032	0.039		Set Trigger

AVG 2.61

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/10/06

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.209	0.055	0.033	0.029	0.070		Set Trigger
2	4.364	0.055	0.031	0.029	0.075		Set Trigger
3	4.334	0.054	0.031	0.030	0.072		Set Trigger
4	4.335	0.053	0.030	0.030	0.072		Set Trigger
5	4.345	0.053	0.029	0.029	0.073		Set Trigger

Avg 4.31

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591693.___0

FILE DATE AND TIME: 10/28/2006 08:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

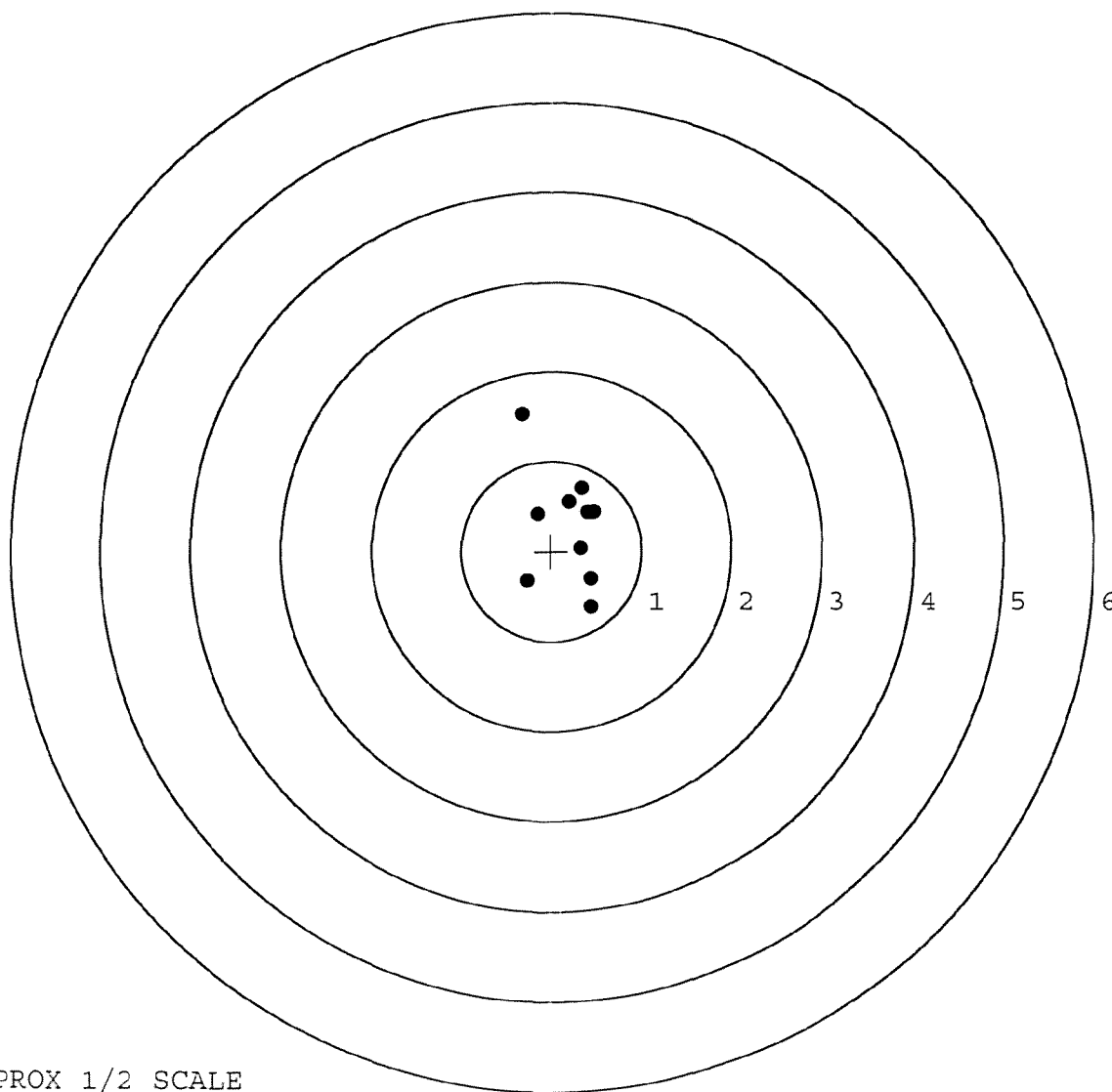
The Average X Centroid of the Five Target Set:	0.056
The Average Y Centroid of the Five Target Set:	0.169
The Average Point of Impact of the Five Target Set:	0.178
The Average Mean Radius of the Five Target Set:	0.575
The Distance from POA to Centroid Target #1:	0.339
The Distance from Centroid Target #2 to Centroid Target #1:	0.284
The Distance from Centroid Target #3 to Centroid Target #1:	0.343
The Distance from Centroid Target #4 to Centroid Target #1:	0.201
The Distance from Centroid Target #5 to Centroid Target #1:	0.245

BARBER - M24 0169718

SERIAL NUMBER: G6591693. __0
 TARGET NUMBER: 1
 FILE DATE: 10/28/2006
 FILE TIME: 08:01

POINT#	X	Y
1:	-0.323	1.521
2:	0.336	0.695
3:	0.472	0.434
4:	0.198	0.542
5:	-0.155	0.411
6:	-0.272	-0.327
7:	0.442	-0.614
8:	0.444	-0.303
9:	0.333	0.036
10:	0.404	0.428

X CENTROID: 0.188
 Y CENTROID: 0.282
 POA TO CENTROID: 0.339
 HORZ SPREAD: 0.795
 VERT SPREAD: 2.135
 GROUP SPREAD: 2.268
 MIN RADIUS: 0.260
 MAX RADIUS: 1.340
 MEAN RADIUS: 0.561
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169719

SERIAL NUMBER: G6591693. __0

TARGET NUMBER: 2

FILE DATE: 10/28/2006

FILE TIME: 08:01

POINT#	X	Y
1:	0.173	0.992
2:	0.565	1.034
3:	-0.221	0.432
4:	-0.147	0.217
5:	-0.304	0.253
6:	0.082	0.337
7:	0.397	0.107
8:	-0.194	-0.276
9:	-0.483	-0.443
10:	-0.827	0.265

X CENTROID: -0.096

Y CENTROID: 0.292

POA TO CENTROID: 0.307

HORZ SPREAD: 1.392

VERT SPREAD: 1.477

GROUP SPREAD: 1.811

MIN RADIUS: 0.091

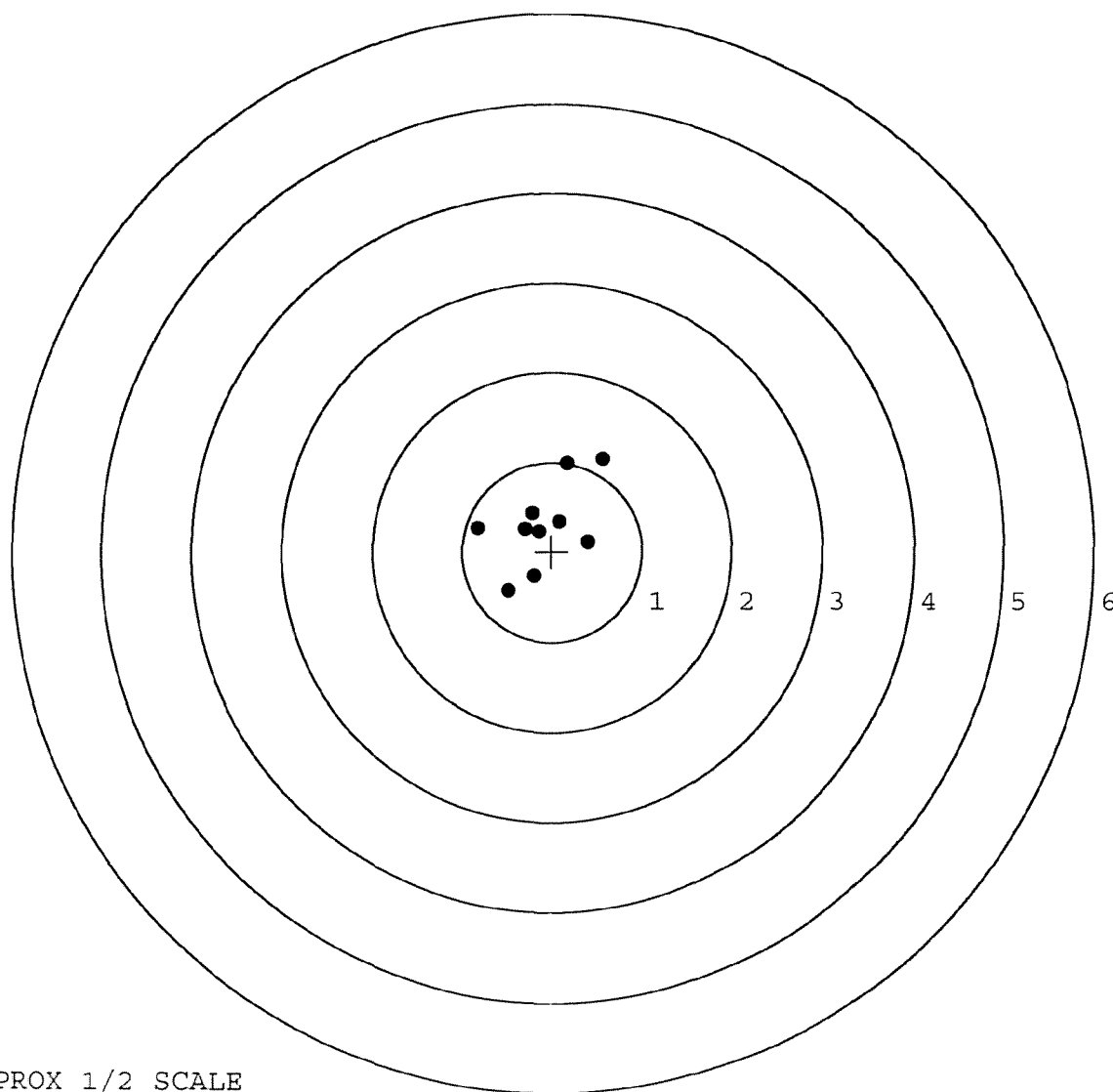
MAX RADIUS: 0.994

MEAN RADIUS: 0.508

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169720

SERIAL NUMBER: G6591693. 0

TARGET NUMBER: 3

FILE DATE: 10/28/2006

FILE TIME: 08:01

POINT#	X	Y
1:	0.389	0.536
2:	-0.179	0.445
3:	-0.570	0.047
4:	-0.837	-0.384
5:	0.159	-0.846
6:	-0.018	-0.357
7:	0.301	-0.109
8:	0.823	-0.071
9:	0.661	0.202
10:	0.303	0.036

X CENTROID: 0.103

Y CENTROID: -0.050

POA TO CENTROID: 0.115

HORZ SPREAD: 1.660

VERT SPREAD: 1.382

GROUP SPREAD: 1.689

MIN RADIUS: 0.206

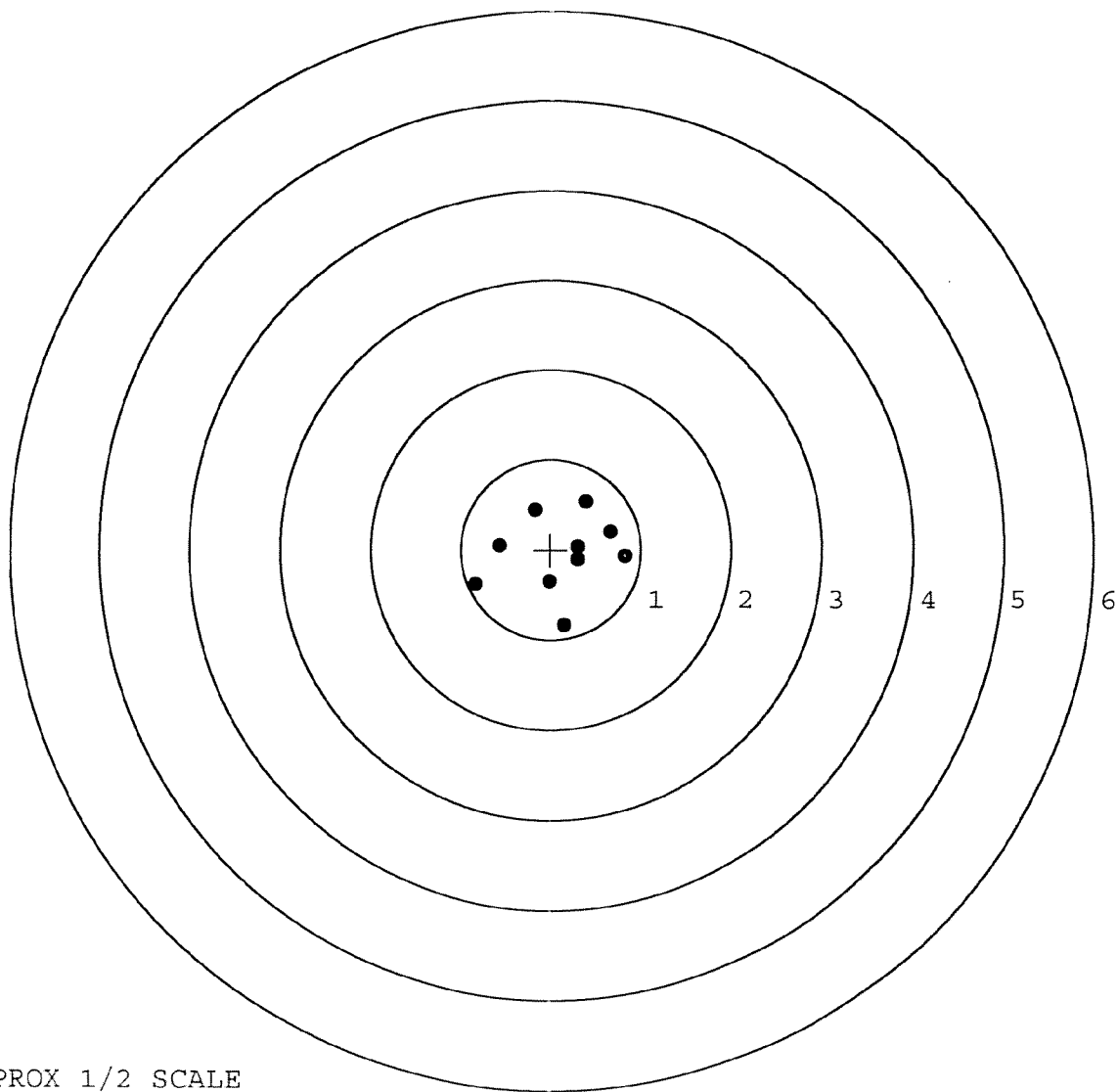
MAX RADIUS: 0.998

MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



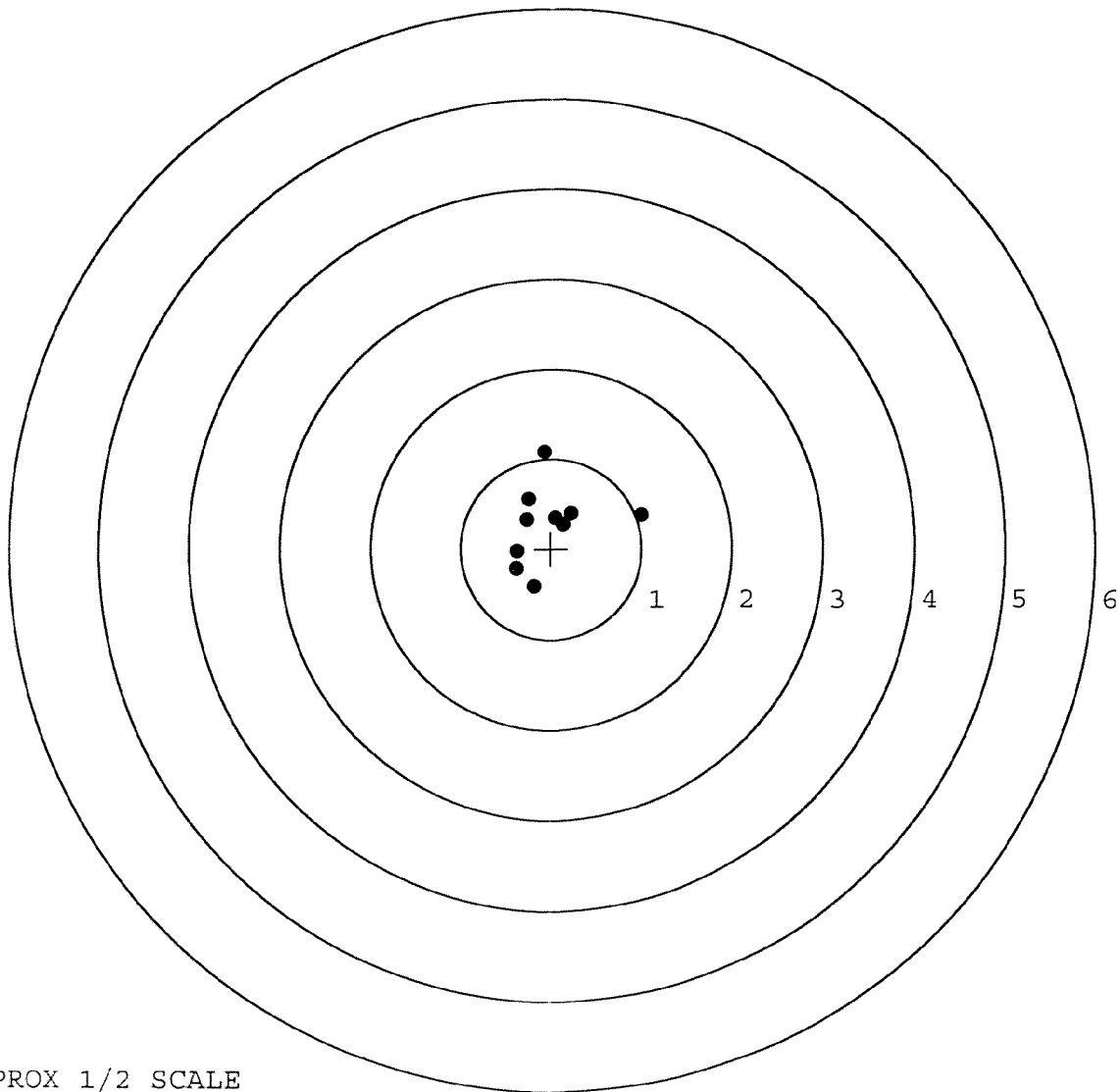
TARGET APPROX 1/2 SCALE

BARBER - M24 0169721

SERIAL NUMBER: G6591693. __0
 TARGET NUMBER: 4
 FILE DATE: 10/28/2006
 FILE TIME: 08:01

POINT#	X	Y
1:	-0.077	1.077
2:	0.997	0.378
3:	0.226	0.390
4:	0.136	0.272
5:	0.051	0.344
6:	-0.247	0.553
7:	-0.271	0.323
8:	-0.374	-0.030
9:	-0.382	-0.223
10:	-0.188	-0.419

X CENTROID: -0.013
 Y CENTROID: 0.266
 POA TO CENTROID: 0.267
 HORZ SPREAD: 1.379
 VERT SPREAD: 1.496
 GROUP SPREAD: 1.504
 MIN RADIUS: 0.100
 MAX RADIUS: 1.016
 MEAN RADIUS: 0.477
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



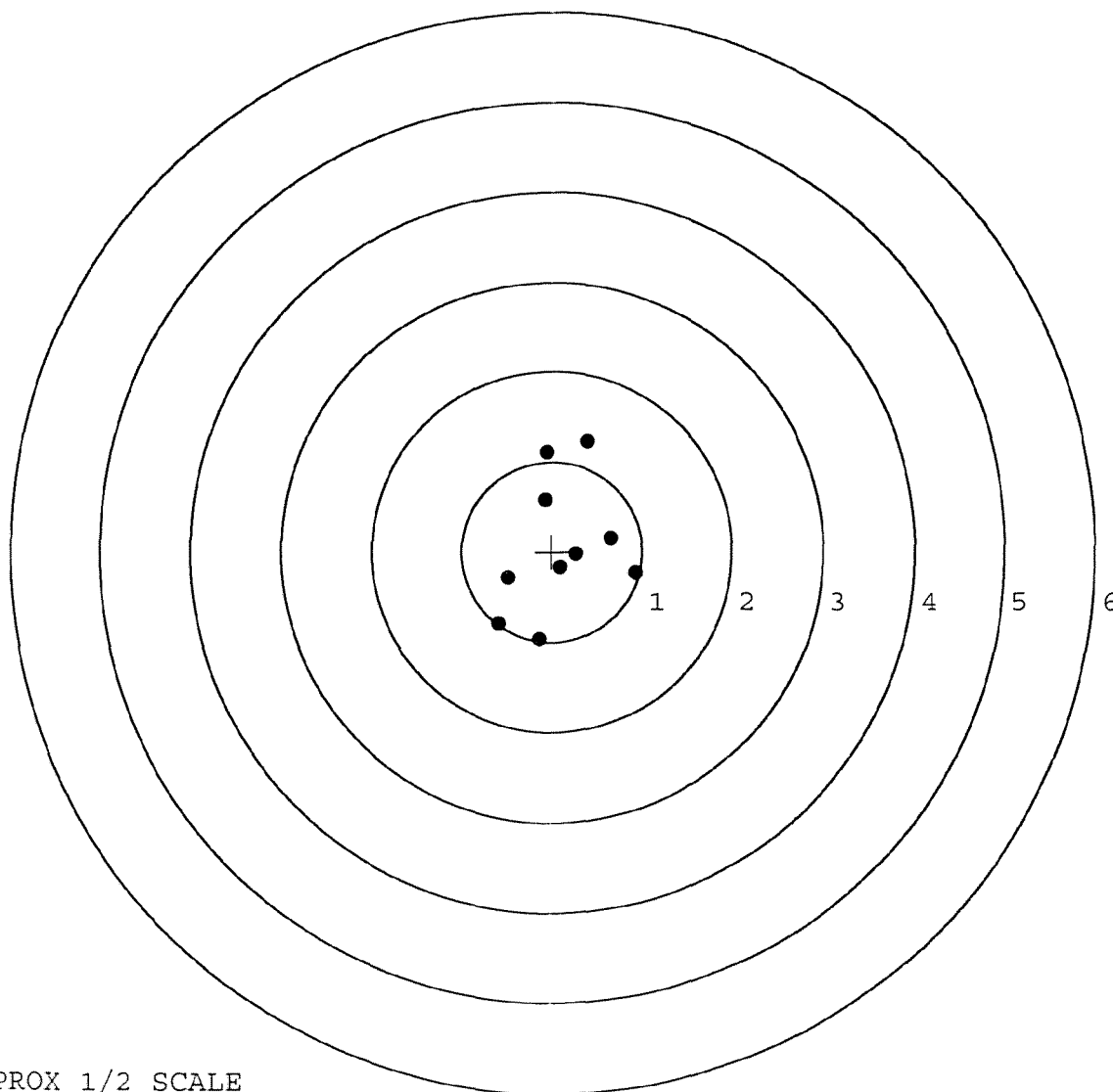
TARGET APPROX 1/2 SCALE

BARBER - M24 0169722

SERIAL NUMBER: G6591693. __0
 TARGET NUMBER: 5
 FILE DATE: 10/28/2006
 FILE TIME: 08:01

POINT#	X	Y
1:	0.398	1.224
2:	-0.059	1.104
3:	-0.078	0.576
4:	0.653	0.152
5:	0.271	-0.030
6:	0.095	-0.180
7:	-0.485	-0.291
8:	-0.588	-0.803
9:	-0.145	-0.980
10:	0.927	-0.235

X CENTROID: 0.099
 Y CENTROID: 0.054
 POA TO CENTROID: 0.113
 HORZ SPREAD: 1.515
 VERT SPREAD: 2.204
 GROUP SPREAD: 2.270
 MIN RADIUS: 0.191
 MAX RADIUS: 1.208
 MEAN RADIUS: 0.752
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE