

66693343

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

- INSTRUCTION BOOK 3518

BM FORM

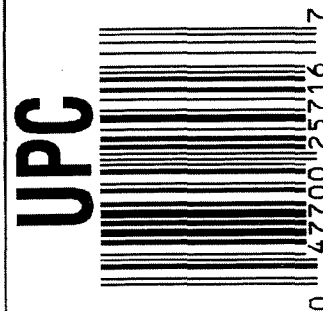


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6693343



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 # G6693343

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10/11/07	RPD
420	ASSEMBLE ACTION		10-8-07	SD
430	ASSEMBLE TO STOCK		10-8-07	SD
440	PROOF	MAGNA - FLUX	10/8/07	mm
460	CHECK HEADSPACE		10/8/07	mm
470	DIS-ASSEMBLE ACTION		10-8-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mmms</i>	10/15/07	mmms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-2-07	CW
510	DRILL AND TAP SIGHT HOLES		10-12-07	TRW
520	GOFF BLAST BBL / REC		10/15/07	(LS)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/16/07	RS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10/22/07	RP
	B) INSPECT REAR PIN HOLE FOR CHAMFER IN BOLT HEAD		10/22/07	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/22/07	RP
	D) OIL FIRING PIN ASSEMBLY		10/24/07	RPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

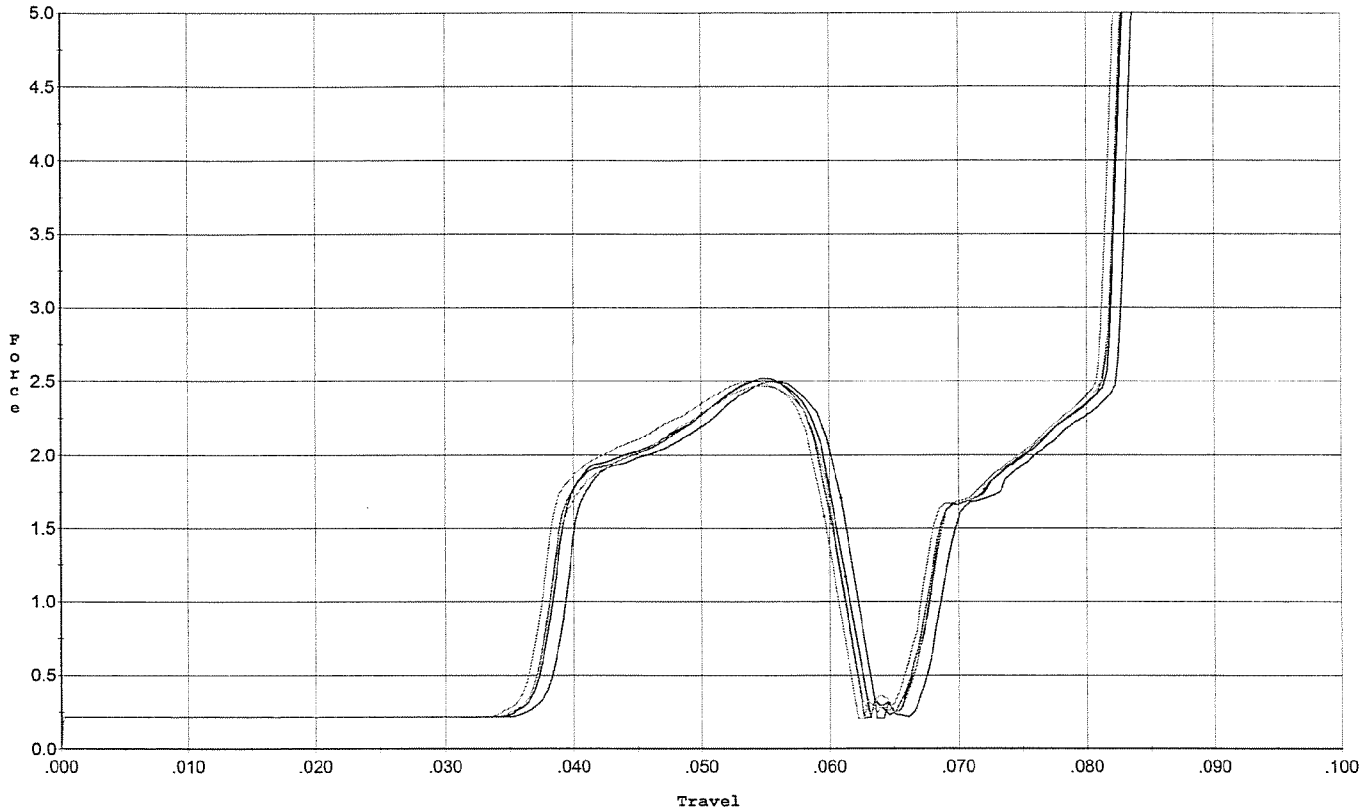
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>5.0</u> <u>5.75</u>	<u>10/29/07</u>	<u>mm</u>
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.0</u> <u>5.25</u> <u>5.25</u>	<u>10/29/07</u>	<u>mm</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022⁵</u> <u>.022</u> <u>.022⁵</u>	<u>10-30-07</u>	<u>TRW</u>
	J) ASSEMBLE STOCK		<u>10/24/07</u>	<u>R.P.D.</u>
	K) ASSEMBLE SWIVEL STUDS		<u>10-30-07</u>	<u>RT</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		<u>10-30-07</u>	<u>RT</u>
	M) IRON SIGHT ALIGNMENT		<u>10-30-07</u>	<u>RT</u>
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		<u>10-30-07</u>	<u>RT</u>
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	<u>10/25/07</u>	<u>mm</u>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		<u>10-25-07</u>	<u>SD</u>
670	FINAL INSPECTION A) HEADSPACE		<u>10-30-07</u>	<u>RT</u>
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>265</u> <u>260</u> <u>261</u> <u>265</u> <u>283</u>	<u>10/29/07</u>	<u>mm</u>
	C) FUNCTION		<u>10-30-07</u>	<u>RT</u>
690	PACK		<u>10/30/07</u>	<u>RT</u>

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 10/22/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



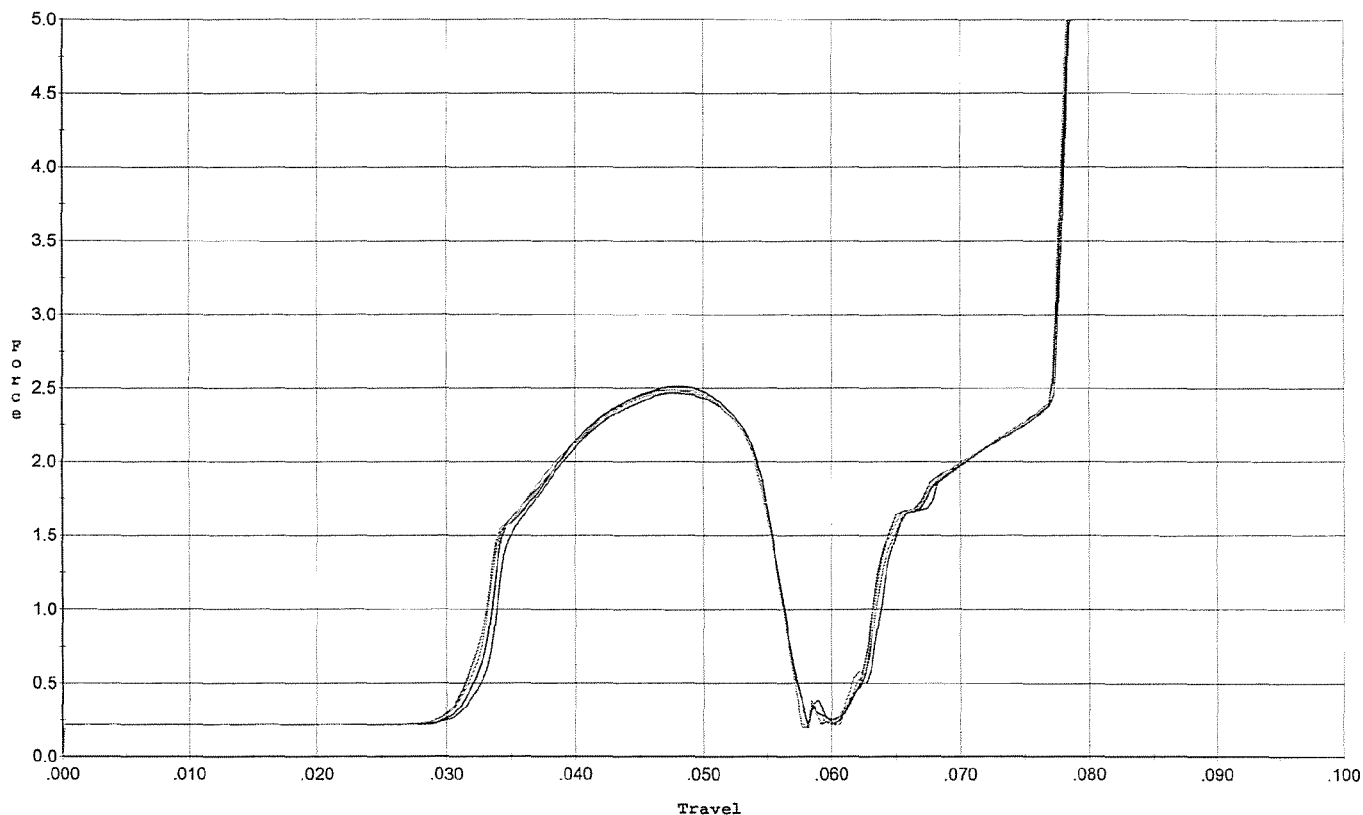
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.498	0.061	0.038	0.030	0.055		Set Trigger
2	2.504	0.061	0.037	0.029	0.057		Set Trigger
3	2.521	0.060	0.037	0.030	0.056		Set Trigger
4	2.466	0.060	0.037	0.030	0.055		Set Trigger
5	2.495	0.060	0.036	0.030	0.057		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/22/07

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



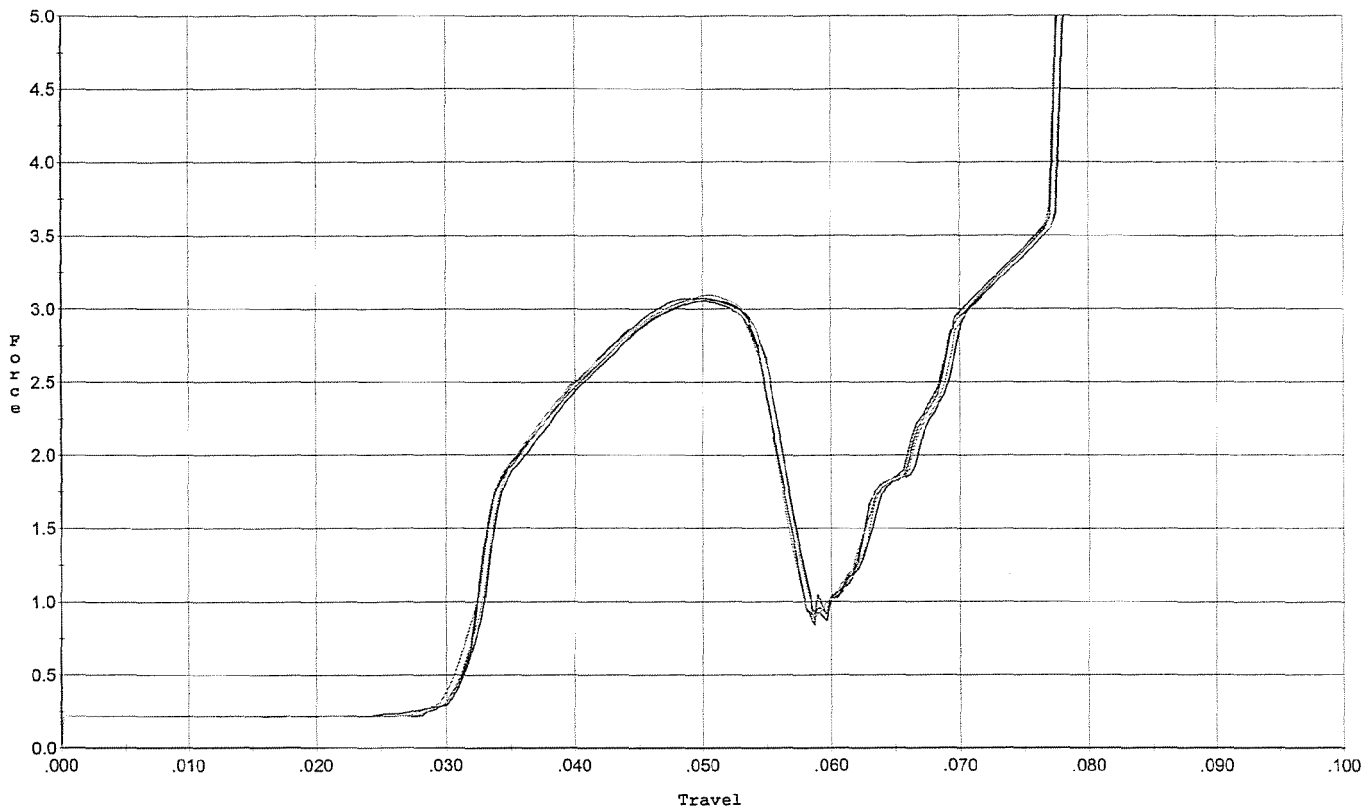
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.466	0.055	0.032	0.031	0.053		Set Trigger
2	2.510	0.055	0.031	0.030	0.055		Set Trigger
3	2.490	0.055	0.031	0.030	0.055		Set Trigger
4	2.473	0.055	0.031	0.030	0.055		Set Trigger
5	2.486	0.055	0.031	0.030	0.056		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/22/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



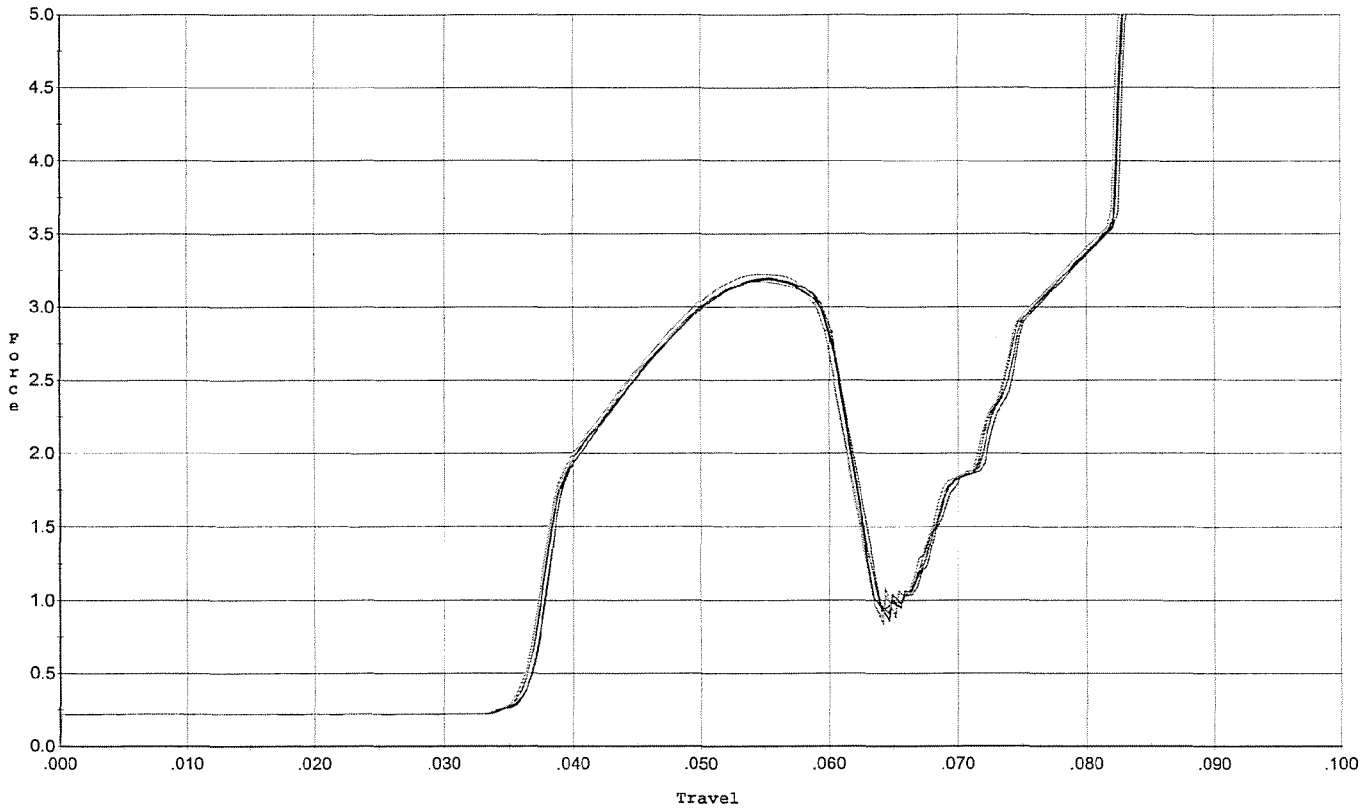
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.073	0.054	0.030	0.029	0.066		Set Trigger
2	3.062	0.055	0.031	0.029	0.066		Set Trigger
3	3.053	0.054	0.031	0.029	0.066		Set Trigger
4	3.094	0.055	0.030	0.029	0.067		Set Trigger
5	3.069	0.054	0.030	0.029	0.067		Set Trigger

Avg 3.07

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/22/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



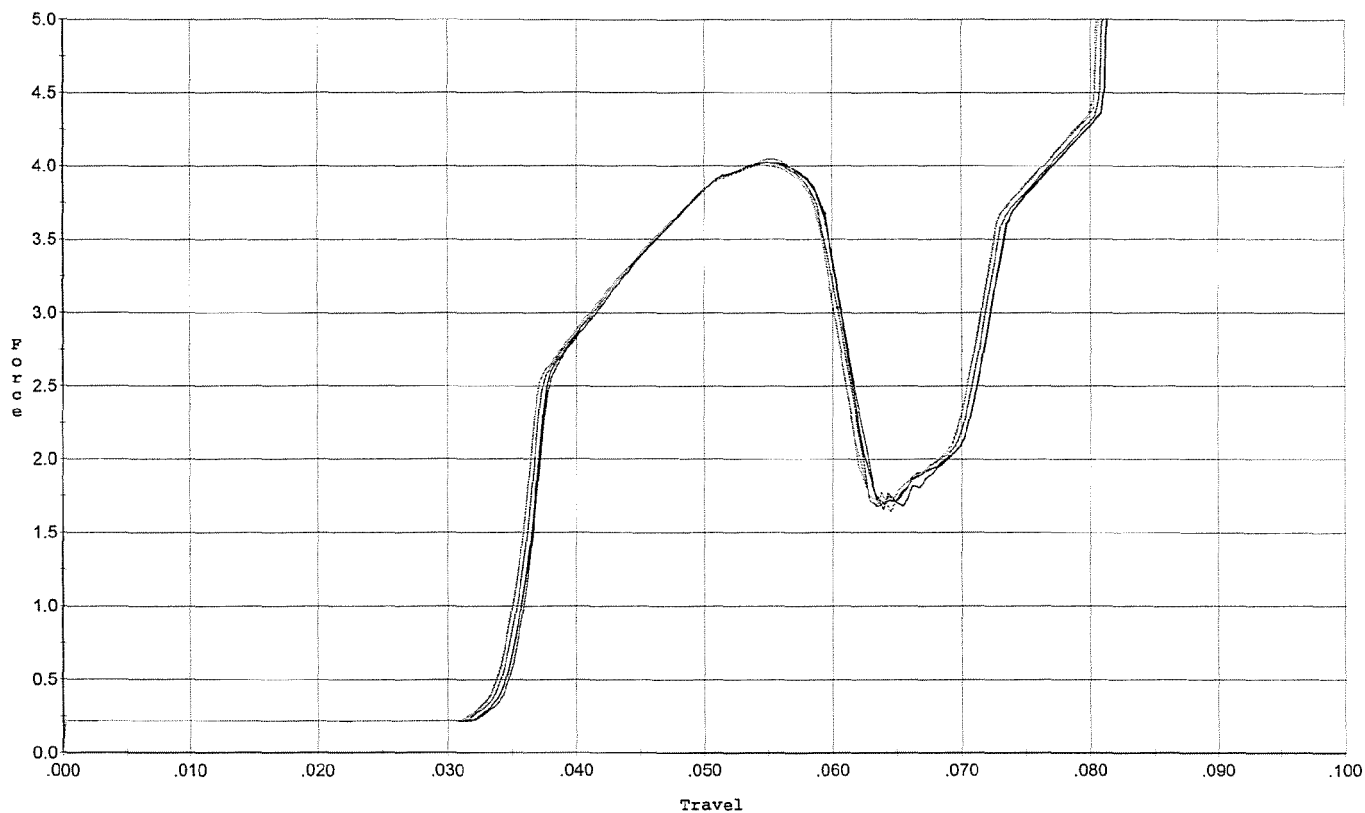
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.188	0.060	0.036	0.028	0.071		Set Trigger
2	3.193	0.060	0.036	0.028	0.072		Set Trigger
3	3.199	0.060	0.036	0.028	0.071		Set Trigger
4	3.225	0.060	0.036	0.028	0.071		Set Trigger
5	3.174	0.062	0.036	0.028	0.073		Set Trigger

Avg 3.19

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/22/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



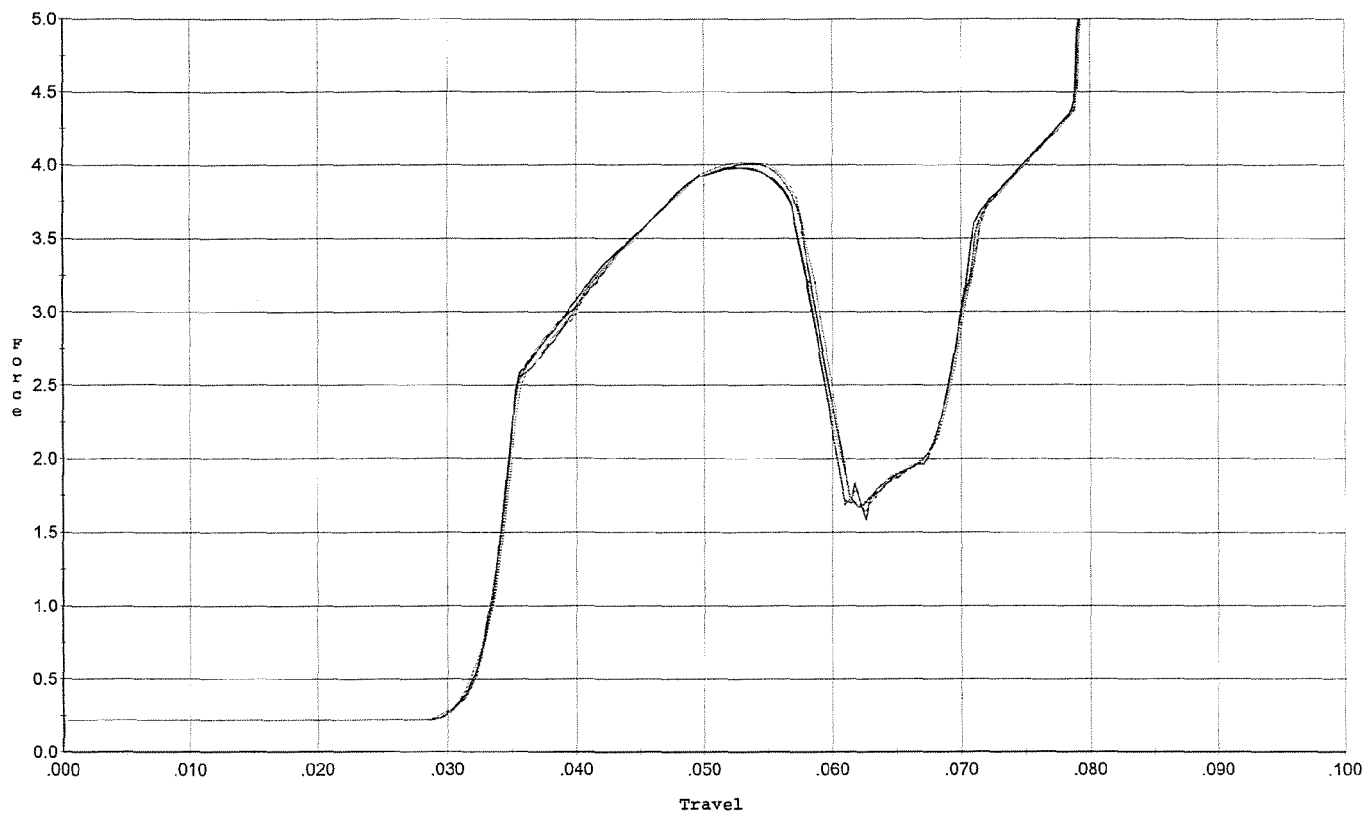
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.022	0.059	0.034	0.026	0.091		Set Trigger
2	4.024	0.060	0.034	0.026	0.092		Set Trigger
3	4.020	0.060	0.034	0.026	0.094		Set Trigger
4	4.003	0.059	0.033	0.026	0.092		Set Trigger
5	4.050	0.059	0.033	0.026	0.092		Set Trigger

Avg 4.02

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/22/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



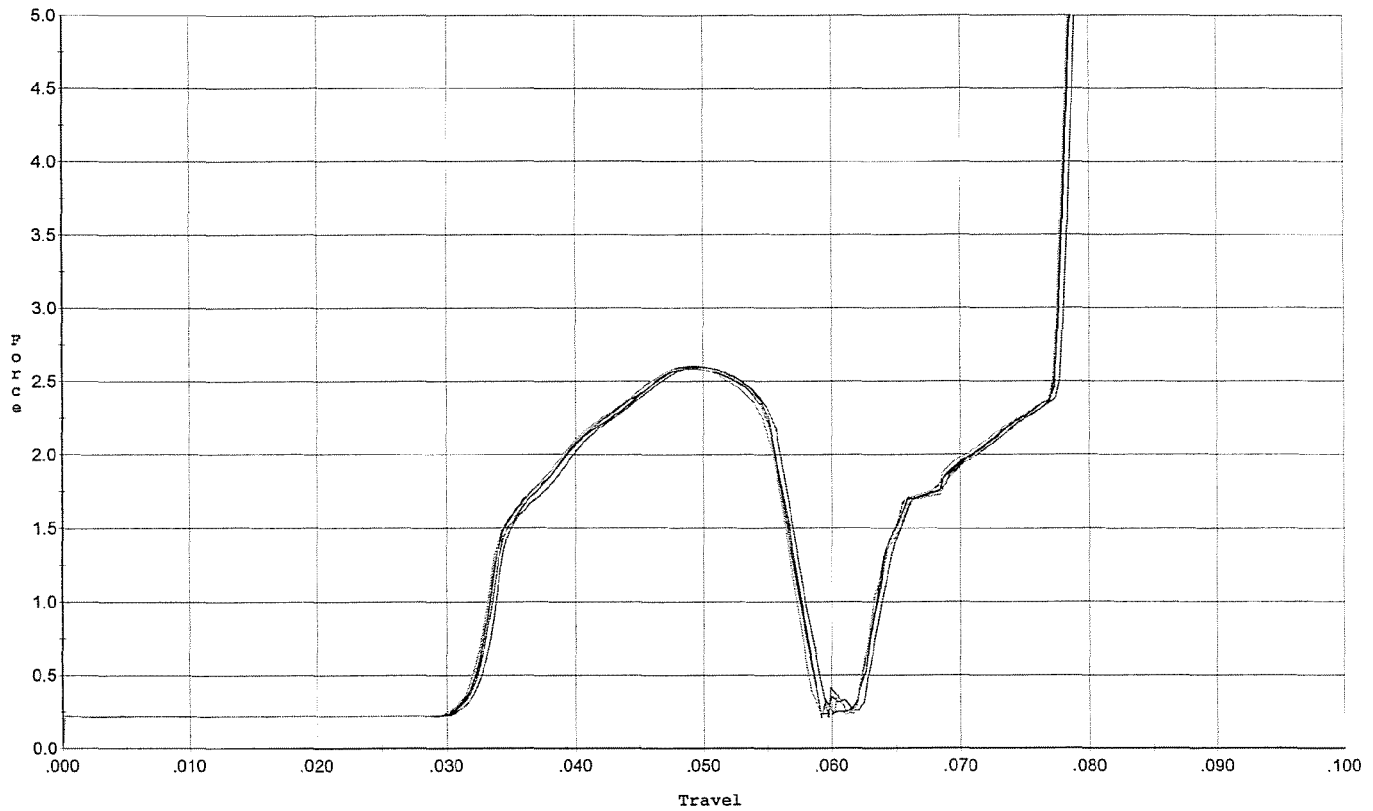
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.008	0.057	0.032	0.026	0.091		Set Trigger
2	3.979	0.058	0.032	0.026	0.093		Set Trigger
3	3.982	0.058	0.032	0.026	0.092		Set Trigger
4	4.018	0.059	0.031	0.025	0.094		Set Trigger
5	4.020	0.057	0.031	0.026	0.092		Set Trigger

AVG. 4.00

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/22/07

Model: M/24
 Serial No: Form #F005
 Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



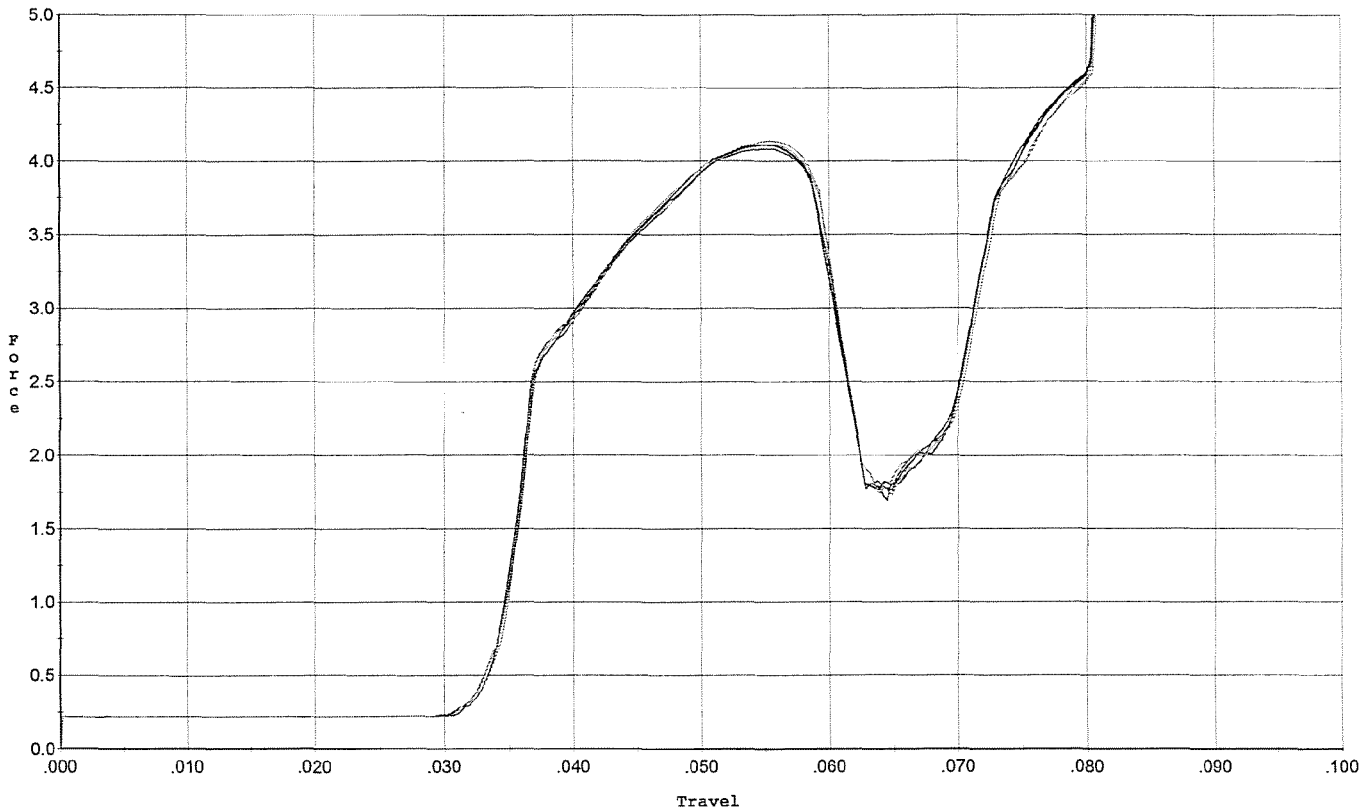
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.599	0.057	0.032	0.029	0.059		Set Trigger
2	2.583	0.055	0.032	0.030	0.057		Set Trigger
3	2.595	0.056	0.032	0.030	0.057		Set Trigger
4	2.589	0.055	0.032	0.029	0.057		Set Trigger
5	2.606	0.055	0.032	0.030	0.057		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/22/07

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.110	0.060	0.033	0.025	0.096		Set Trigger
2	4.109	0.061	0.033	0.025	0.098		Set Trigger
3	4.083	0.060	0.033	0.025	0.097		Set Trigger
4	4.135	0.059	0.033	0.025	0.096		Set Trigger
5	4.112	0.059	0.033	0.025	0.095		Set Trigger

Avg 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693343.___0
FILE DATE AND TIME: 10/26/2007 07:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.041
The Average Y Centroid of the Five Target Set:	0.005
The Average Point of Impact of the Five Target Set:	0.041
The Average Mean Radius of the Five Target Set:	0.635
The Distance from POA to Centroid Target #1:	0.190
The Distance from Centroid Target #2 to Centroid Target #1:	0.205
The Distance from Centroid Target #3 to Centroid Target #1:	0.353
The Distance from Centroid Target #4 to Centroid Target #1:	0.201
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

BARBER - M24 0178241

SERIAL NUMBER: G6693343. __0

TARGET NUMBER: 1

FILE DATE: 10/26/2007

FILE TIME: 07:12

POINT#	X	Y
1:	0.529	-0.872
2:	0.030	-0.541
3:	0.501	-0.475
4:	0.447	-0.020
5:	0.116	0.153
6:	-0.249	-0.224
7:	-0.145	0.596
8:	-0.098	0.195
9:	-0.905	0.338
10:	0.633	-0.846

X CENTROID: 0.086

Y CENTROID: -0.170

POA TO CENTROID: 0.190

HORZ SPREAD: 1.538

VERT SPREAD: 1.468

GROUP SPREAD: 1.941

MIN RADIUS: 0.324

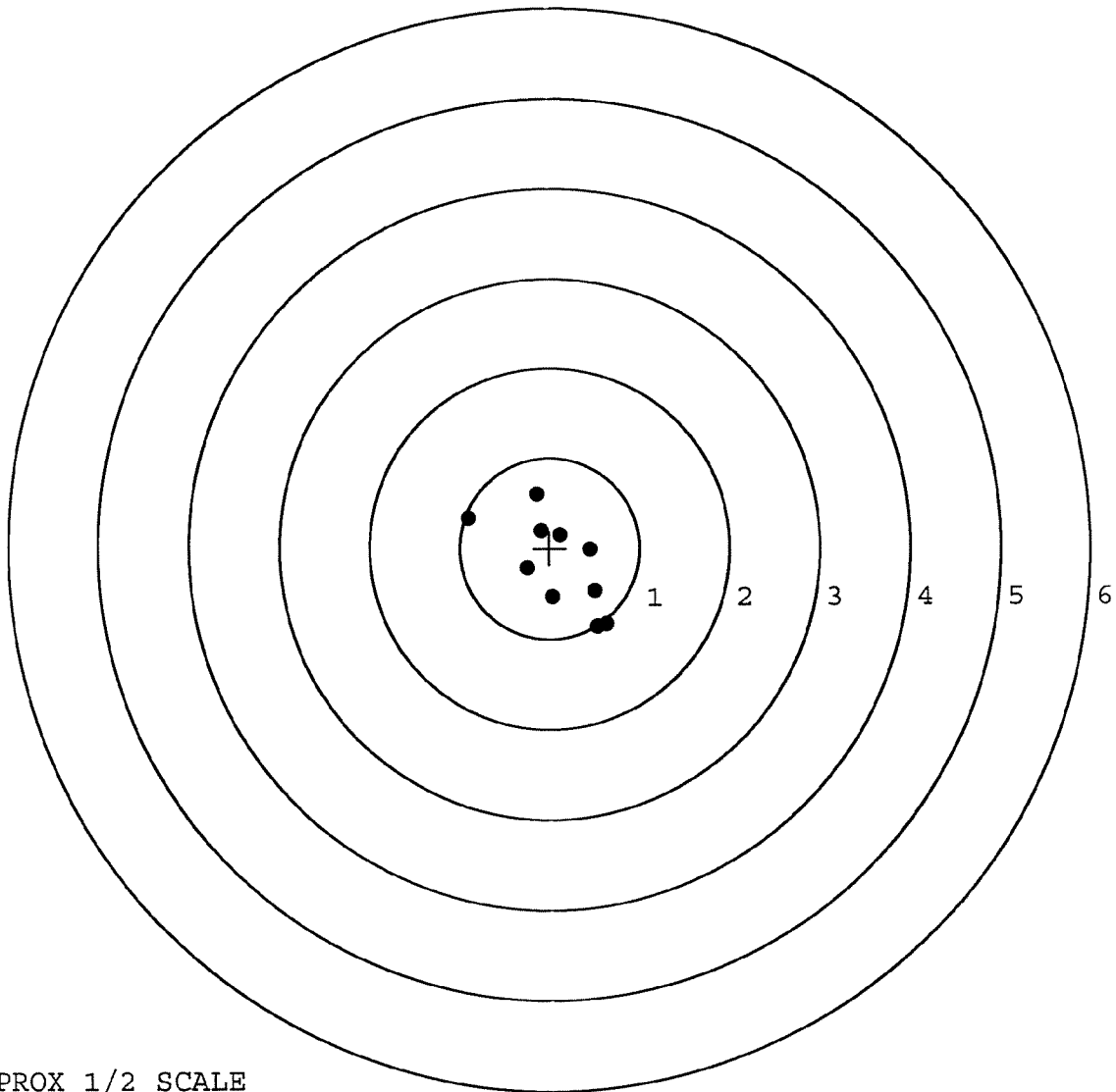
MAX RADIUS: 1.113

MEAN RADIUS: 0.597

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0178242

SERIAL NUMBER: G6693343. __0

TARGET NUMBER: 2

FILE DATE: 10/26/2007

FILE TIME: 07:12

POINT#	X	Y
1:	-0.252	-1.057
2:	0.827	-0.607
3:	0.832	-0.199
4:	0.127	1.391
5:	-0.023	0.764
6:	-0.082	0.469
7:	-0.386	0.085
8:	0.266	-0.052
9:	0.021	-0.208
10:	-0.139	-0.260

X CENTROID: 0.119

Y CENTROID: 0.033

POA TO CENTROID: 0.123

HORZ SPREAD: 1.218

VERT SPREAD: 2.448

GROUP SPREAD: 2.477

MIN RADIUS: 0.170

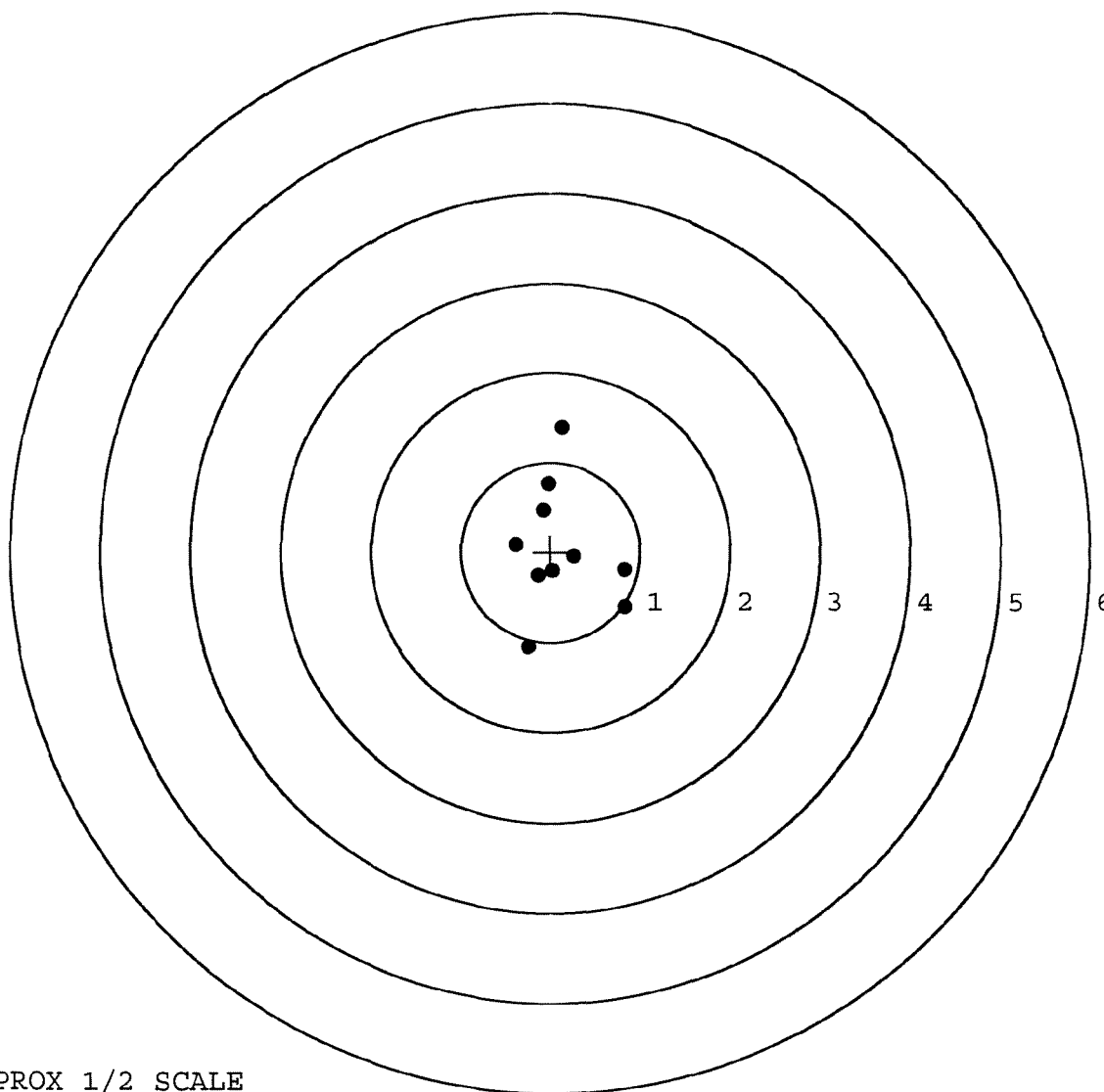
MAX RADIUS: 1.358

MEAN RADIUS: 0.677

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



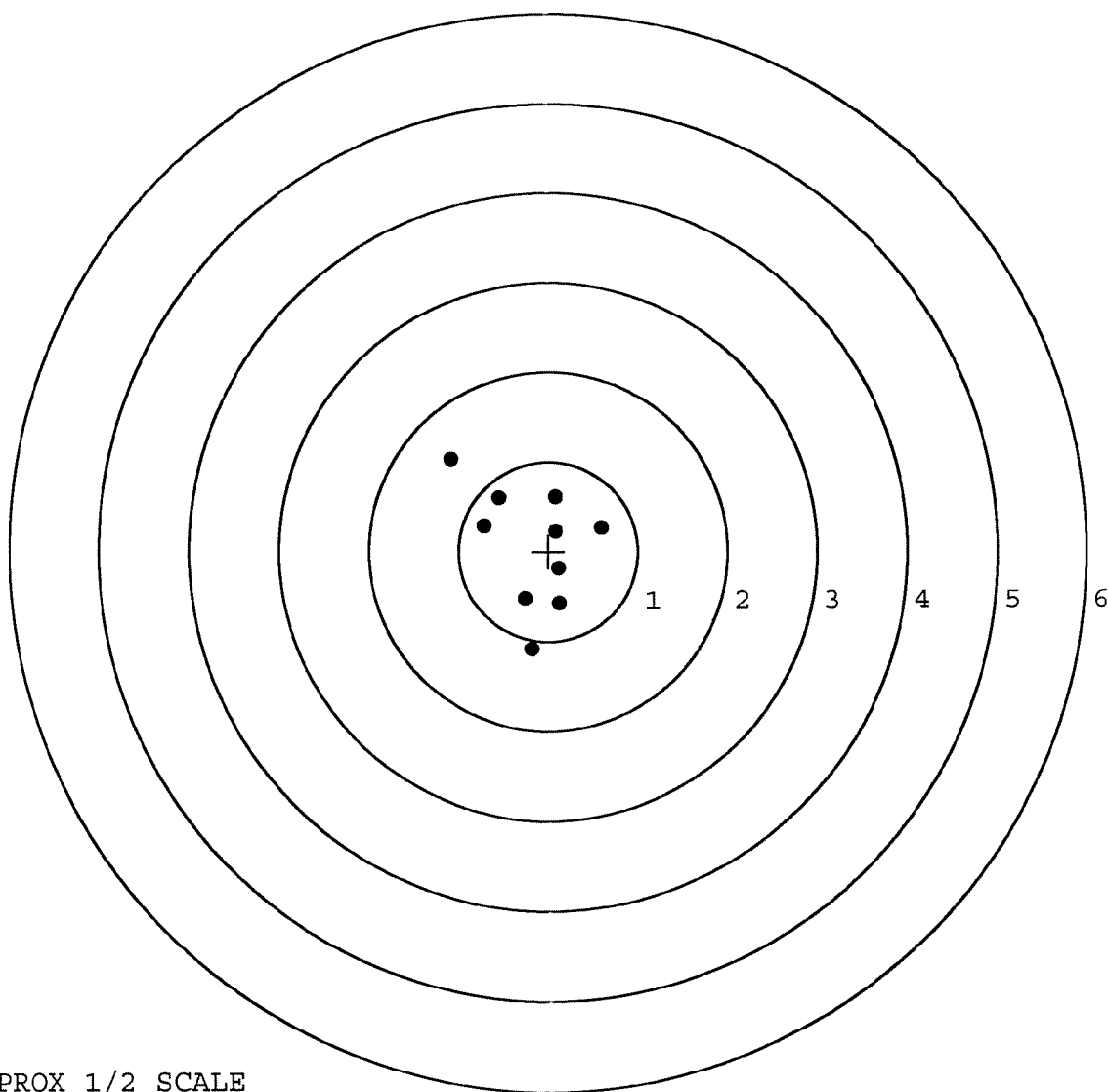
TARGET APPROX 1/2 SCALE

BARBER - M24 0178243

SERIAL NUMBER: G6693343. __0
 TARGET NUMBER: 3
 FILE DATE: 10/26/2007
 FILE TIME: 07:12

POINT#	X	Y
1:	-0.193	-1.087
2:	-0.261	-0.530
3:	0.124	-0.581
4:	0.118	-0.189
5:	0.595	0.262
6:	0.086	0.224
7:	0.086	0.608
8:	-0.553	0.605
9:	-0.715	0.291
10:	-1.082	1.029

X CENTROID: -0.180
 Y CENTROID: 0.063
 POA TO CENTROID: 0.190
 HORZ SPREAD: 1.677
 VERT SPREAD: 2.116
 GROUP SPREAD: 2.295
 MIN RADIUS: 0.310
 MAX RADIUS: 1.322
 MEAN RADIUS: 0.713
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

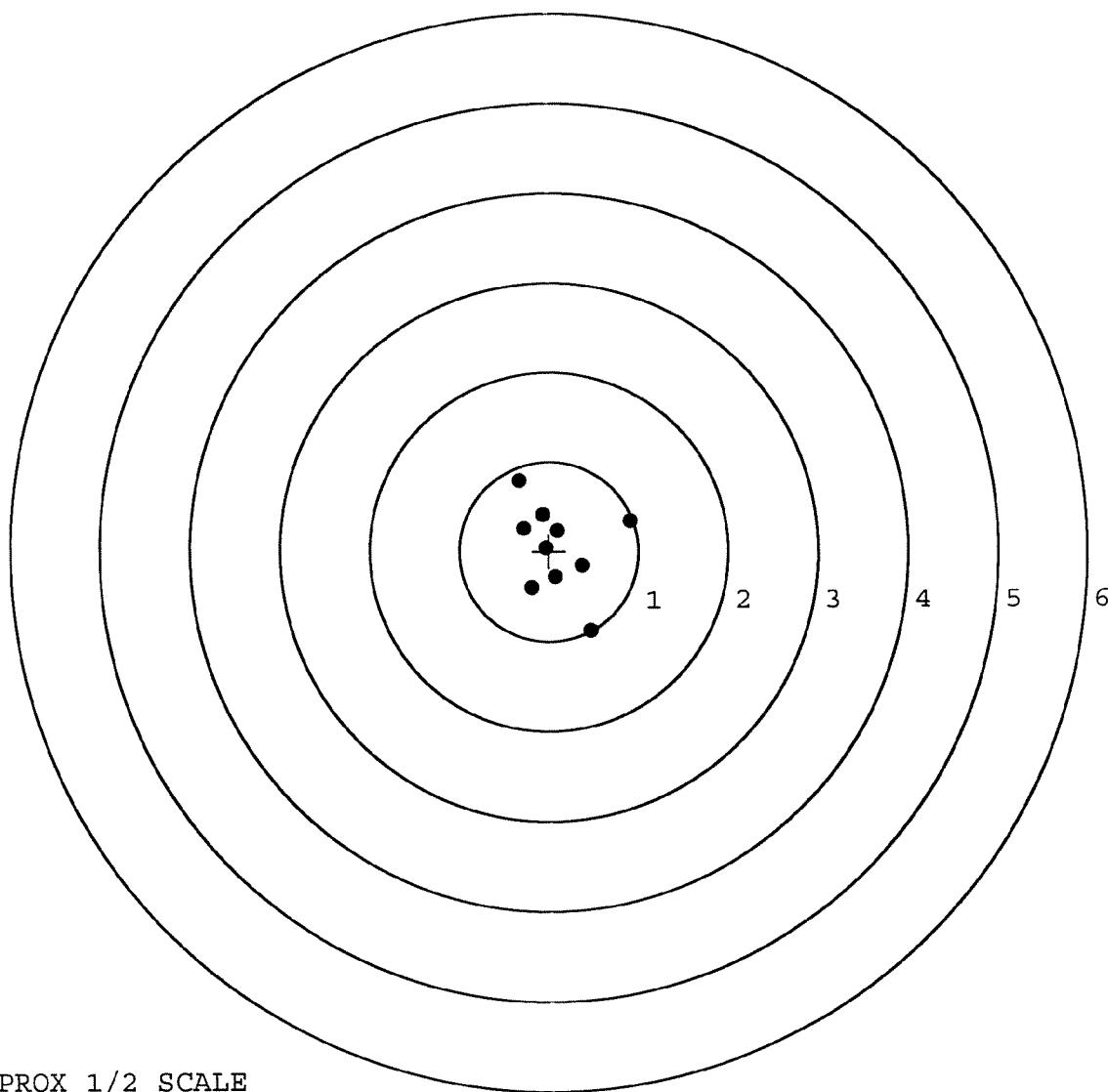


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6693343. __0
 TARGET NUMBER: 4
 FILE DATE: 10/26/2007
 FILE TIME: 07:12

POINT#	X	Y
1:	-0.328	0.787
2:	0.909	0.338
3:	0.463	-0.890
4:	-0.195	-0.409
5:	0.067	-0.293
6:	0.368	-0.162
7:	0.096	0.233
8:	-0.069	0.412
9:	-0.035	0.040
10:	-0.285	0.257

X CENTROID: 0.099
 Y CENTROID: 0.031
 POA TO CENTROID: 0.104
 HORZ SPREAD: 1.237
 VERT SPREAD: 1.677
 GROUP SPREAD: 1.854
 MIN RADIUS: 0.134
 MAX RADIUS: 0.991
 MEAN RADIUS: 0.511
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0178245

SERIAL NUMBER: G6693343. __0

TARGET NUMBER: 5

FILE DATE: 10/26/2007

FILE TIME: 07:12

POINT#	X	Y
1:	-0.153	1.042
2:	-0.344	0.565
3:	0.099	0.491
4:	0.486	0.669
5:	1.061	-0.164
6:	0.501	-0.385
7:	0.190	-0.362
8:	-0.151	-0.076
9:	-0.344	-0.408
10:	-0.548	-0.705

X CENTROID: 0.080

Y CENTROID: 0.067

POA TO CENTROID: 0.104

HORZ SPREAD: 1.609

VERT SPREAD: 1.747

GROUP SPREAD: 1.711

MIN RADIUS: 0.271

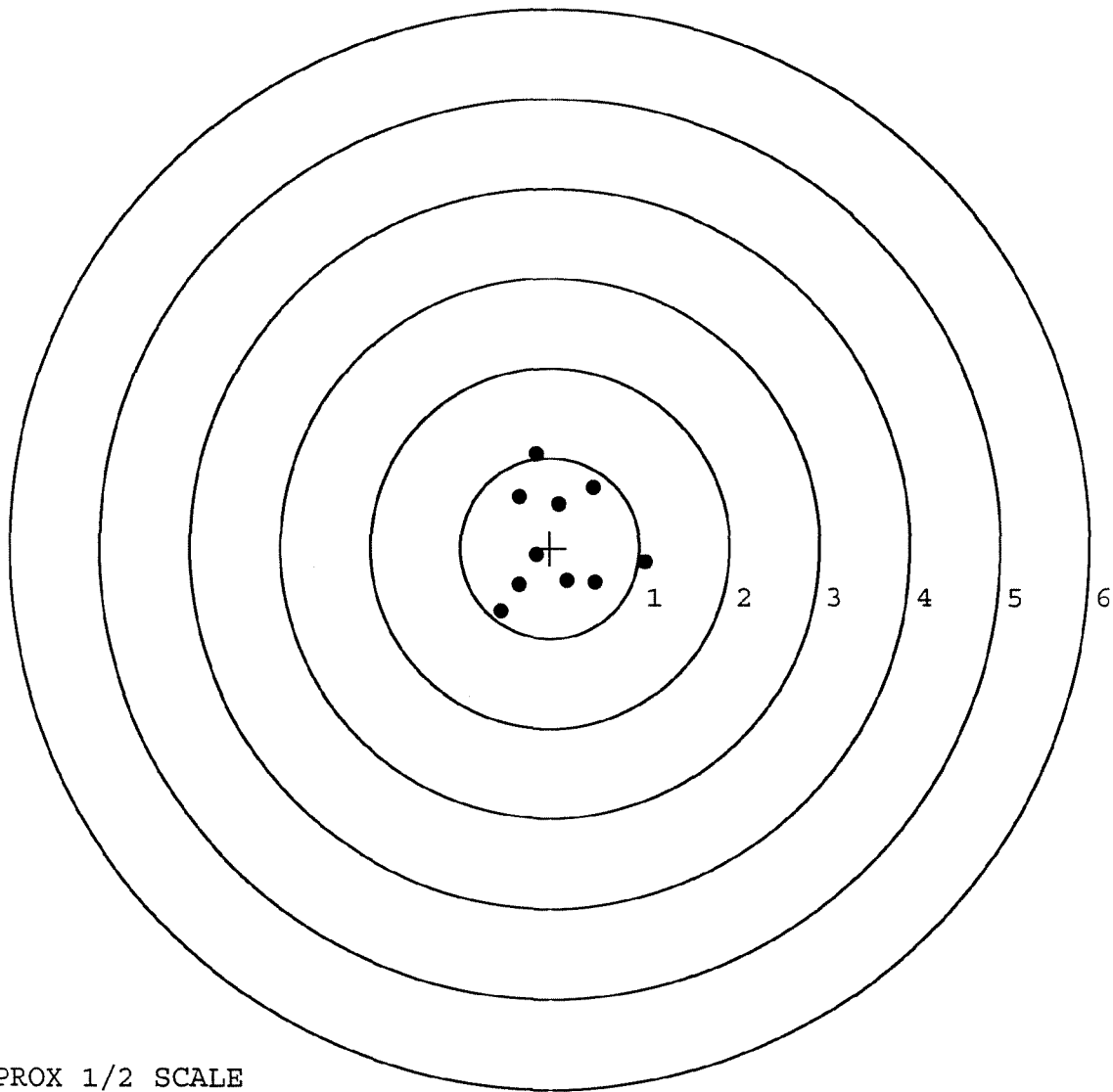
MAX RADIUS: 1.008

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE