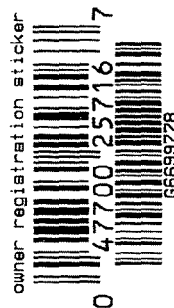


Q669 9778

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

- INSTRUCTION BOOK 3518

BM FORM

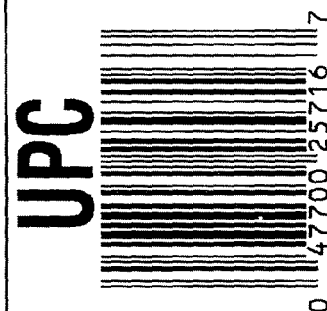


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6699778



GUN SERIAL # 66699778

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-08	RTZ
420	ASSEMBLE ACTION		3-5-08	J.P.D.
430	ASSEMBLE TO STOCK		3-5-08	TRW
440	PROOF	MAGNA - FLUX	3-5-08	TRW
460	CHECK HEADSPACE	MARK 0 - 2000	3-5-08	TRW
470	DIS-ASSEMBLE ACTION		3-6-08	J.P.D.
480	MAGNAFLUX BBL ACTION	OPERATOR <u>Wm</u>	3/7/08	Wm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-6-08	CW
510	DRILL AND TAP SIGHT HOLES		3-6-08	TRW
520	GOFF BLAST BBL / REC		3-10-08	TL
530 & 540	APPLY COATINGS (BARREL ACTION)		3/12/08	CW
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-13-08	Fm
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-13-08	Fm
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-13-08	Fm
	D) OIL FIRING PIN ASSEMBLY		3-17-08	J.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

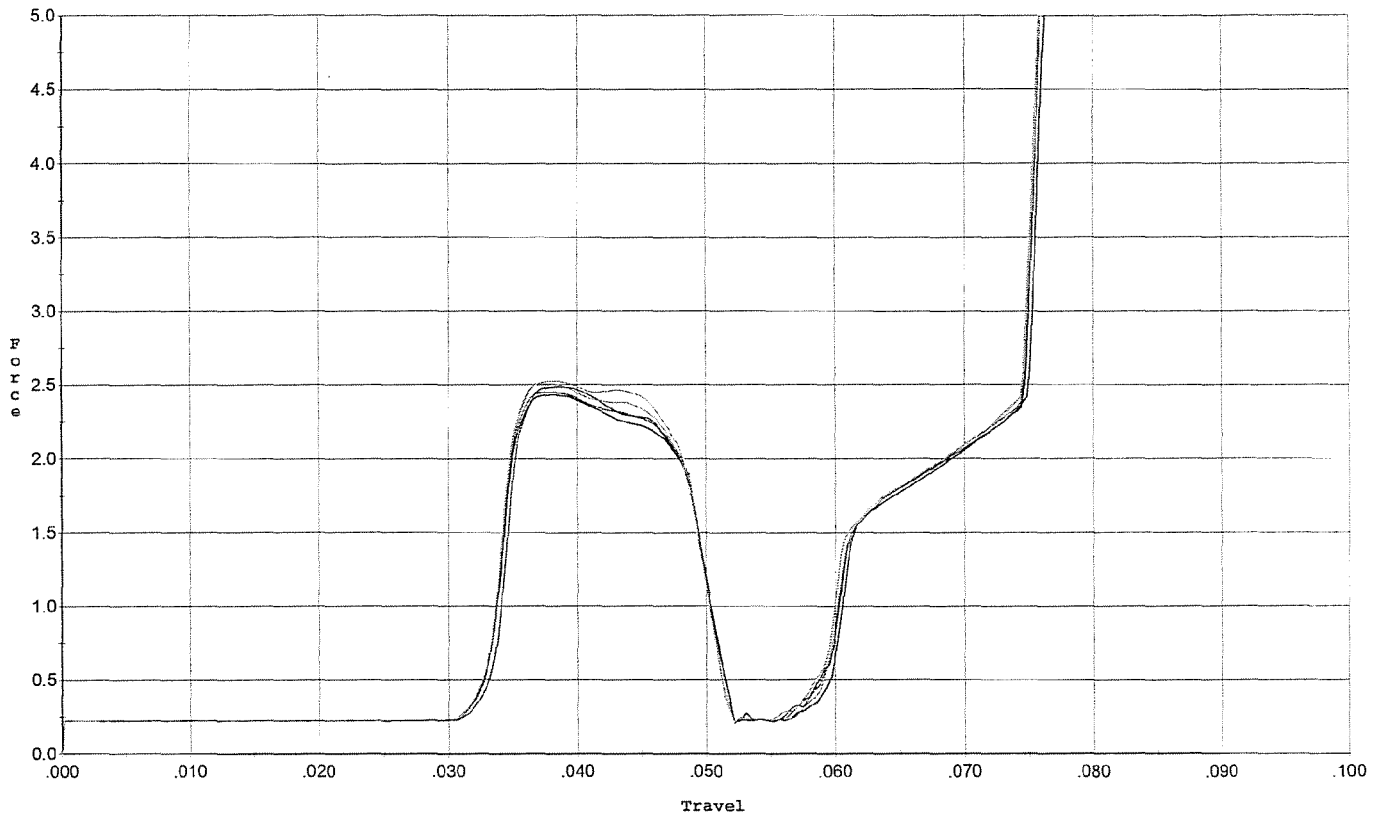
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>3 lb.</u> <u>3 lb.</u> <u>3 lb.</u>	4-10-08	J.P.D.
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4 lb.</u> <u>4 lb.</u> <u>4 lb.</u>	4-10-08	J.P.D.
	H) TRIGGER PULL TEST AND RETAINABILITY		4	
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	4-10-08	J.P.D.
	J) ASSEMBLE STOCK		3-17-08	J.P.D.
	K) ASSEMBLE SWIVEL STUDS		4-10-08	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-10-08	J.P.D.
	M) IRON SIGHT ALIGNMENT		4-10-08	J.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-10-08	J.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-9-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-9-08	TRW
660	INSPECT FOR LIVE AMMO			
670	FINAL INSPECTION A) HEADSPACE		4-10-08	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>245</u> <u>267</u> <u>259</u> <u>250</u> <u>251</u>	4-10-08	RT
	C) FUNCTION		4-10-08	RT
690	PACK		4/11/08	FM

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/28/08

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



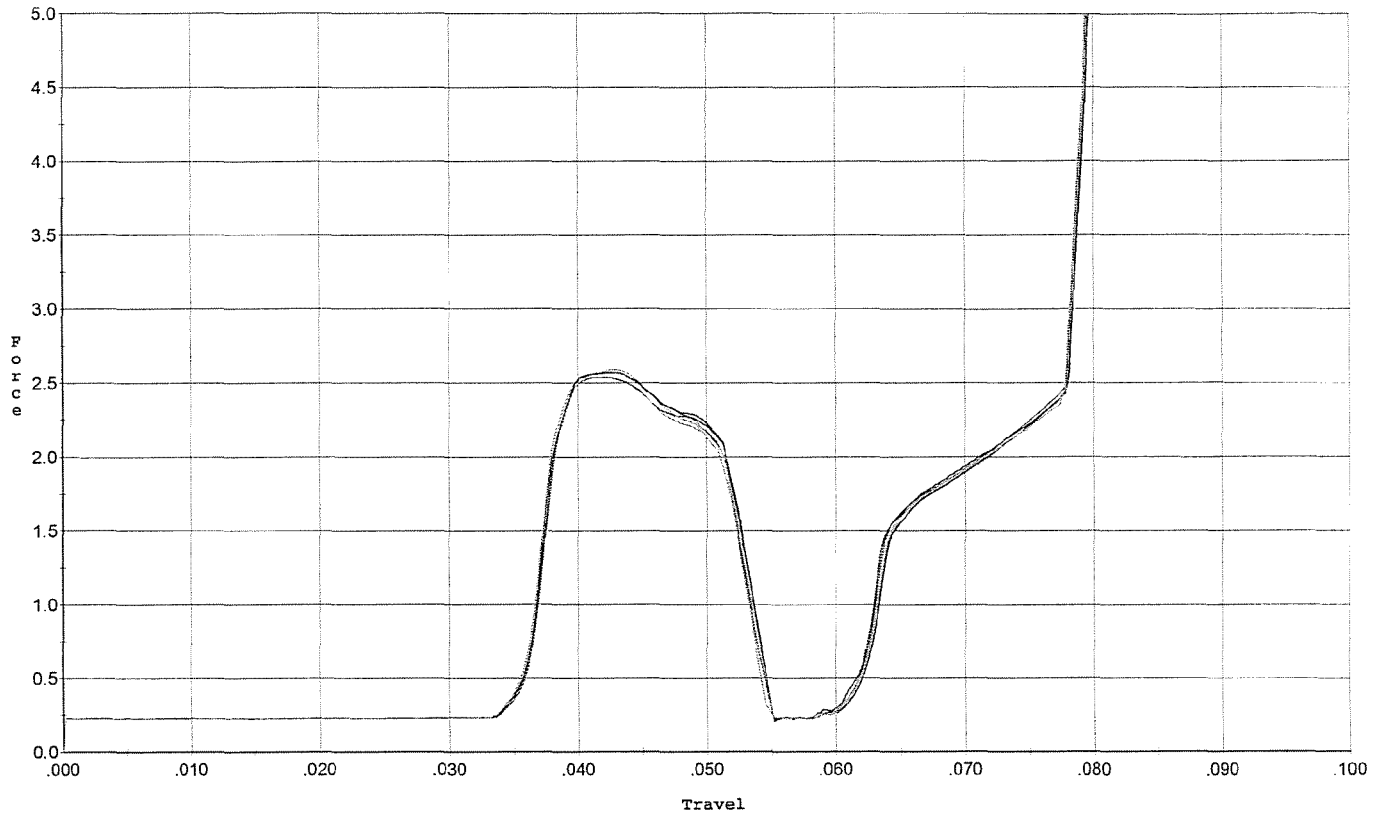
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.487	0.049	0.033	0.033	0.042		Set Trigger
2	2.432	0.049	0.032	0.033	0.042		Set Trigger
3	2.450	0.049	0.032	0.033	0.042		Set Trigger
4	2.509	0.049	0.032	0.033	0.043		Set Trigger
5	2.523	0.049	0.032	0.033	0.044		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/28/08

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



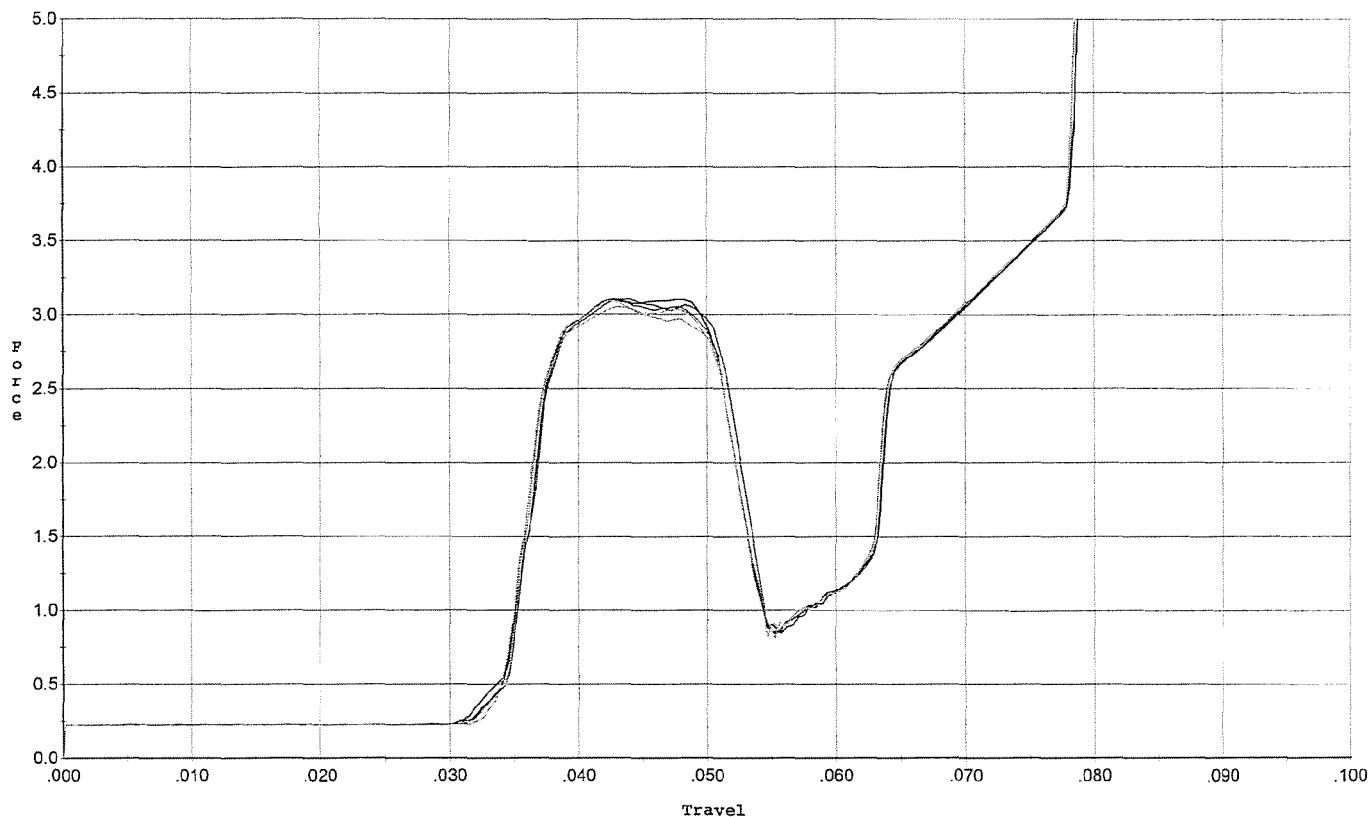
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.574	0.053	0.036	0.034	0.045		Set Trigger
2	2.571	0.053	0.035	0.034	0.045		Set Trigger
3	2.539	0.051	0.035	0.034	0.044		Set Trigger
4	2.591	0.051	0.036	0.035	0.044		Set Trigger
5	2.577	0.052	0.035	0.034	0.044		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/28/08

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



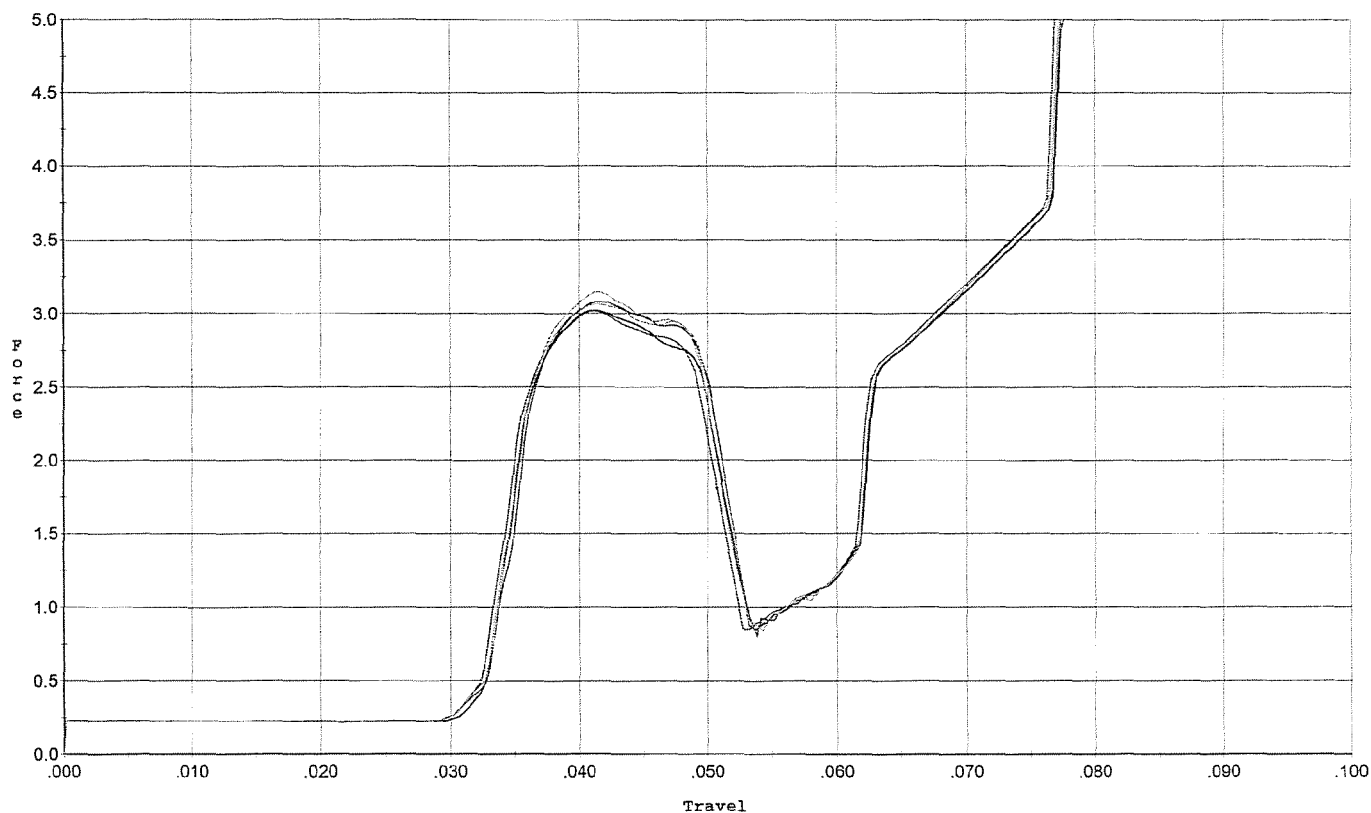
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.101	0.052	0.035	0.032	0.056		Set Trigger
2	3.104	0.051	0.035	0.033	0.055		Set Trigger
3	3.098	0.051	0.034	0.033	0.055		Set Trigger
4	3.050	0.051	0.035	0.033	0.054		Set Trigger
5	3.091	0.051	0.033	0.033	0.055		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/28/08

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



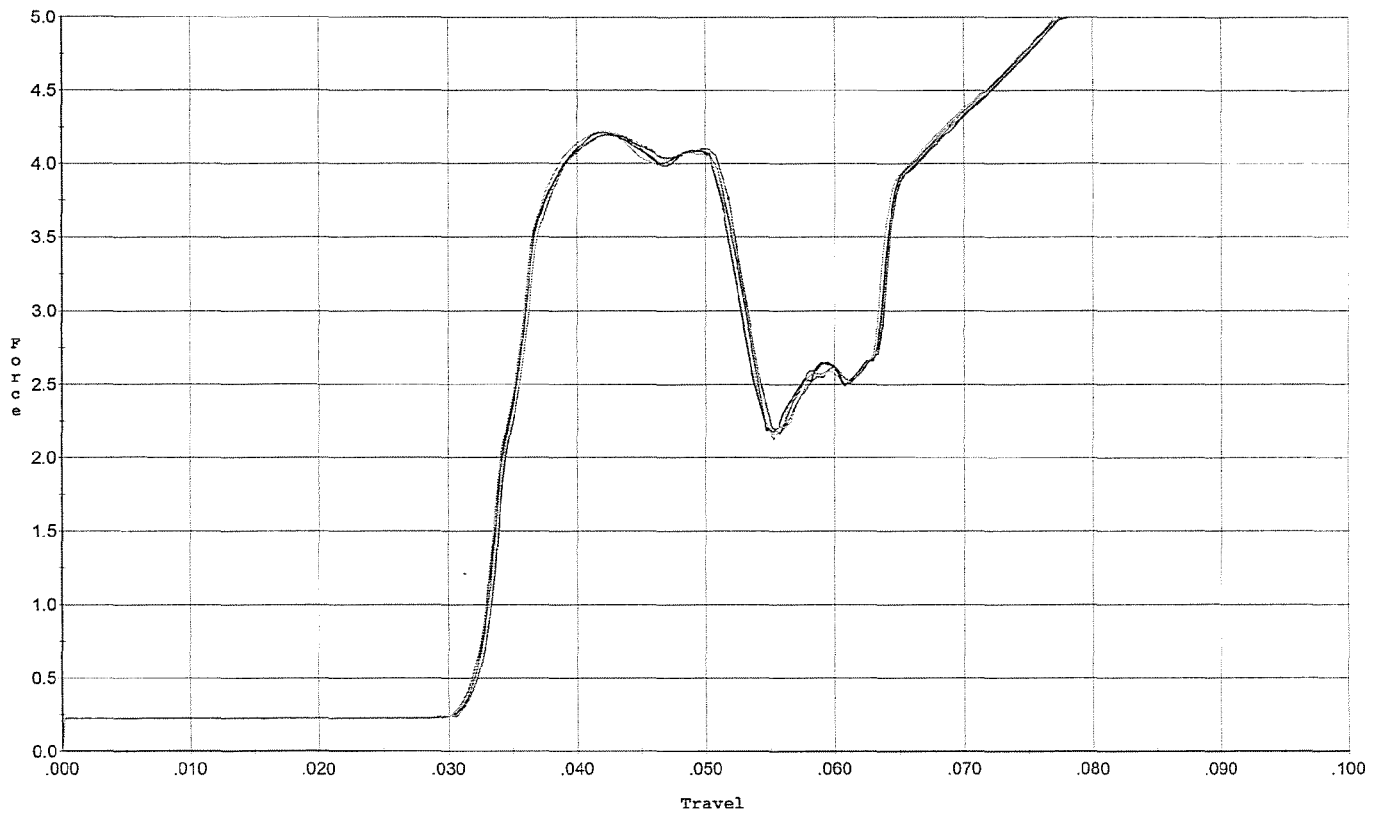
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.079	0.050	0.033	0.033	0.054		Set Trigger
2	3.021	0.050	0.033	0.033	0.052		Set Trigger
3	3.020	0.051	0.033	0.032	0.054		Set Trigger
4	3.064	0.049	0.033	0.033	0.053		Set Trigger
5	3.146	0.050	0.033	0.032	0.055		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/28/08

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



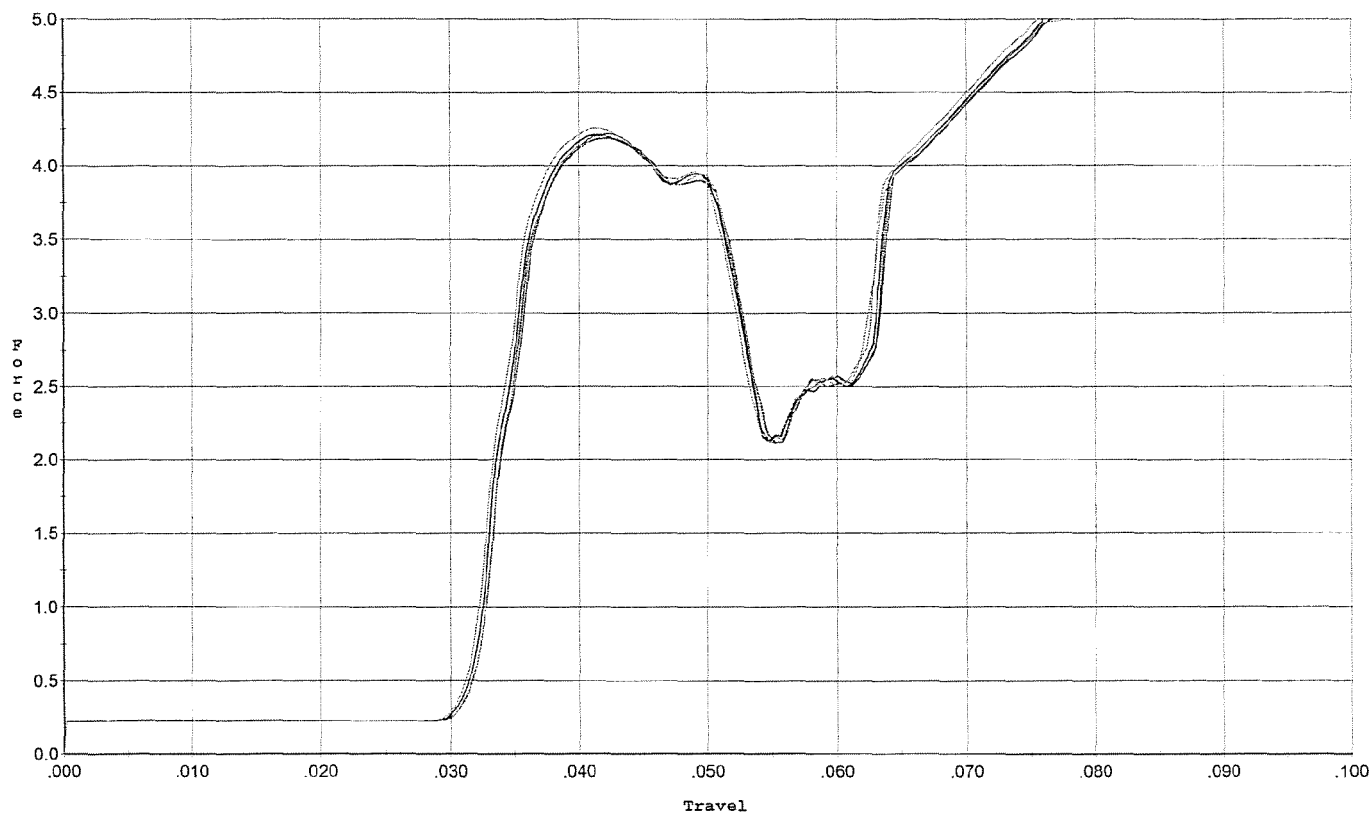
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.211	0.052	0.031	0.030	0.081		Set Trigger
2	4.197	0.051	0.031	0.030	0.079		Set Trigger
3	4.192	0.052	0.031	0.030	0.080		Set Trigger
4	4.224	0.051	0.031	0.030	0.079		Set Trigger
5	4.209	0.052	0.031	0.030	0.080		Set Trigger

AVG 4.20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/28/08

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



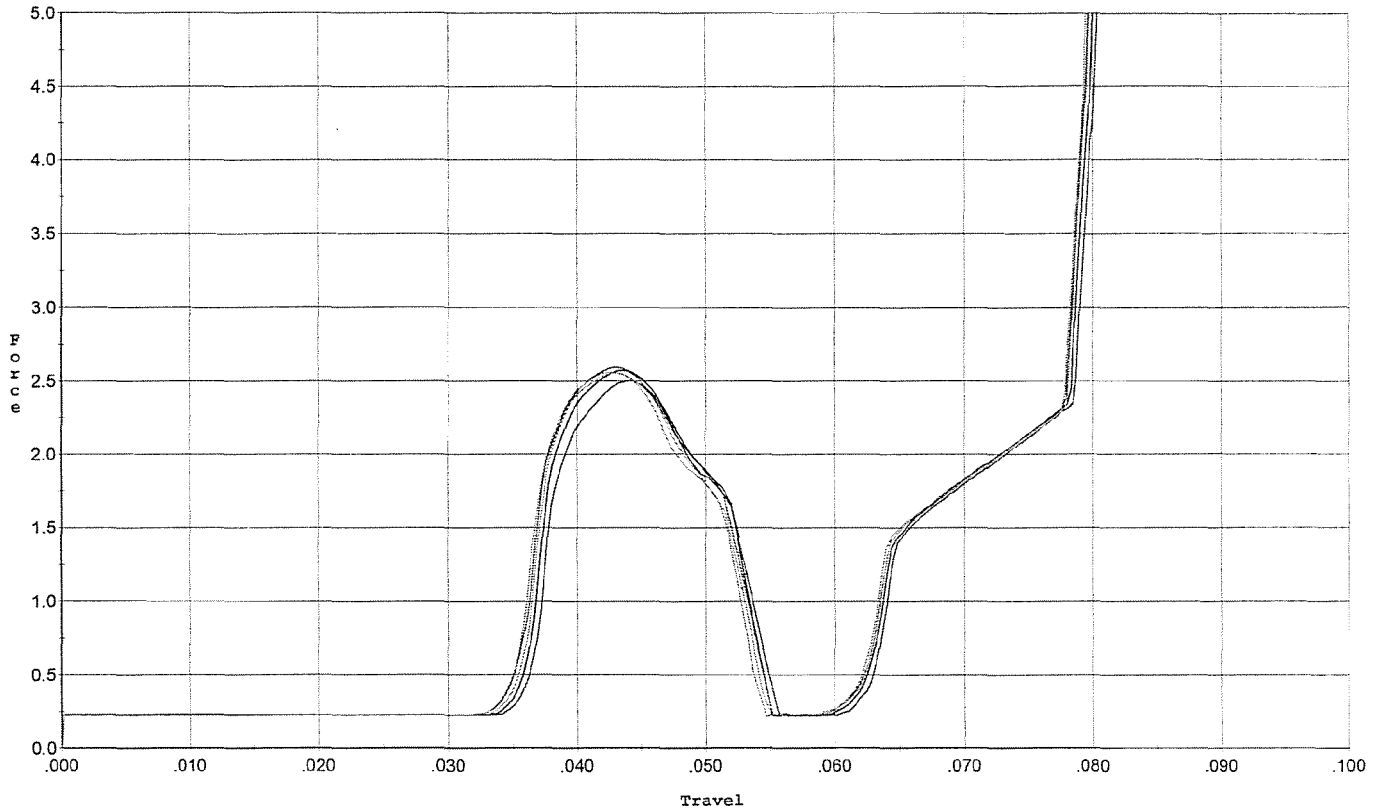
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.188	0.052	0.031	0.030	0.080		Set Trigger
2	4.210	0.052	0.031	0.030	0.081		Set Trigger
3	4.218	0.052	0.031	0.030	0.079		Set Trigger
4	4.204	0.052	0.031	0.030	0.080		Set Trigger
5	4.258	0.051	0.030	0.030	0.080		Set Trigger

Avg 4.21

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/28/08

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



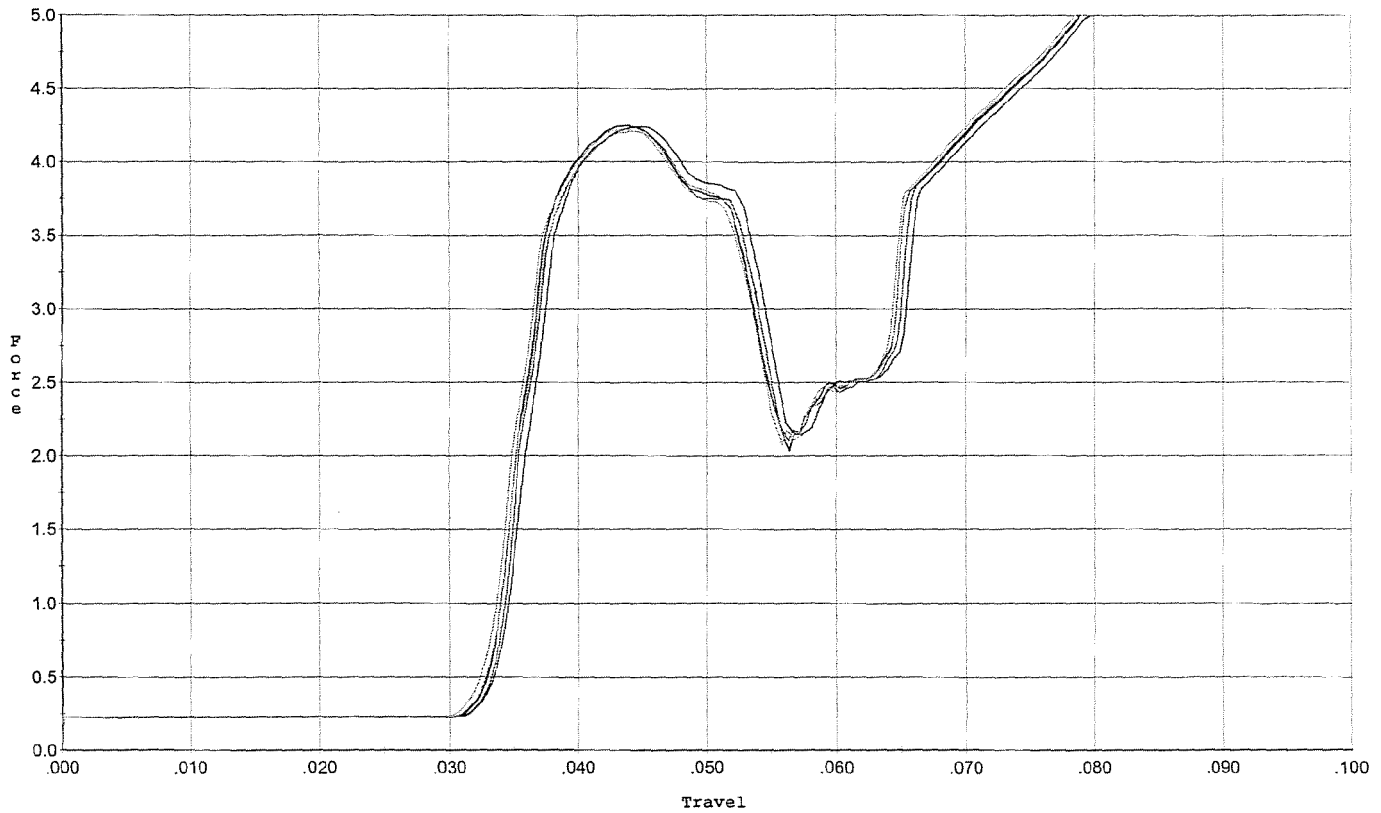
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.504	0.053	0.036	0.035	0.042		Set Trigger
2	2.574	0.052	0.035	0.035	0.043		Set Trigger
3	2.595	0.054	0.034	0.034	0.045		Set Trigger
4	2.555	0.053	0.035	0.035	0.043		Set Trigger
5	2.559	0.052	0.034	0.034	0.043		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/28/08

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	4.241	0.054	0.033	0.030	0.081		Set Trigger
2	4.246	0.053	0.032	0.031	0.079		Set Trigger
3	4.234	0.054	0.033	0.030	0.080		Set Trigger
4	4.204	0.053	0.032	0.031	0.079		Set Trigger
5	4.224	0.053	0.032	0.030	0.080		Set Trigger

AVG 4.23

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699778.___0
FILE DATE AND TIME: 04/11/2008 14:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.103
The Average Y Centroid of the Five Target Set:	-0.045
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.605
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.339
The Distance from Centroid Target #3 to Centroid Target #1:	0.276
The Distance from Centroid Target #4 to Centroid Target #1:	0.317
The Distance from Centroid Target #5 to Centroid Target #1:	0.238

BARBER - M24 0179158

SERIAL NUMBER: G6699778. 0

TARGET NUMBER: 1

FILE DATE: 04/11/2008

FILE TIME: 14:38

POINT#	X	Y
1:	0.028	0.905
2:	0.610	0.662
3:	0.176	0.311
4:	0.615	0.122
5:	-0.057	0.235
6:	-0.241	0.012
7:	-0.463	0.126
8:	-1.257	-0.253
9:	0.123	-0.392
10:	0.079	-0.968

X CENTROID: -0.039

Y CENTROID: 0.076

POA TO CENTROID: 0.085

HORZ SPREAD: 1.872

VERT SPREAD: 1.873

GROUP SPREAD: 2.079

MIN RADIUS: 0.160

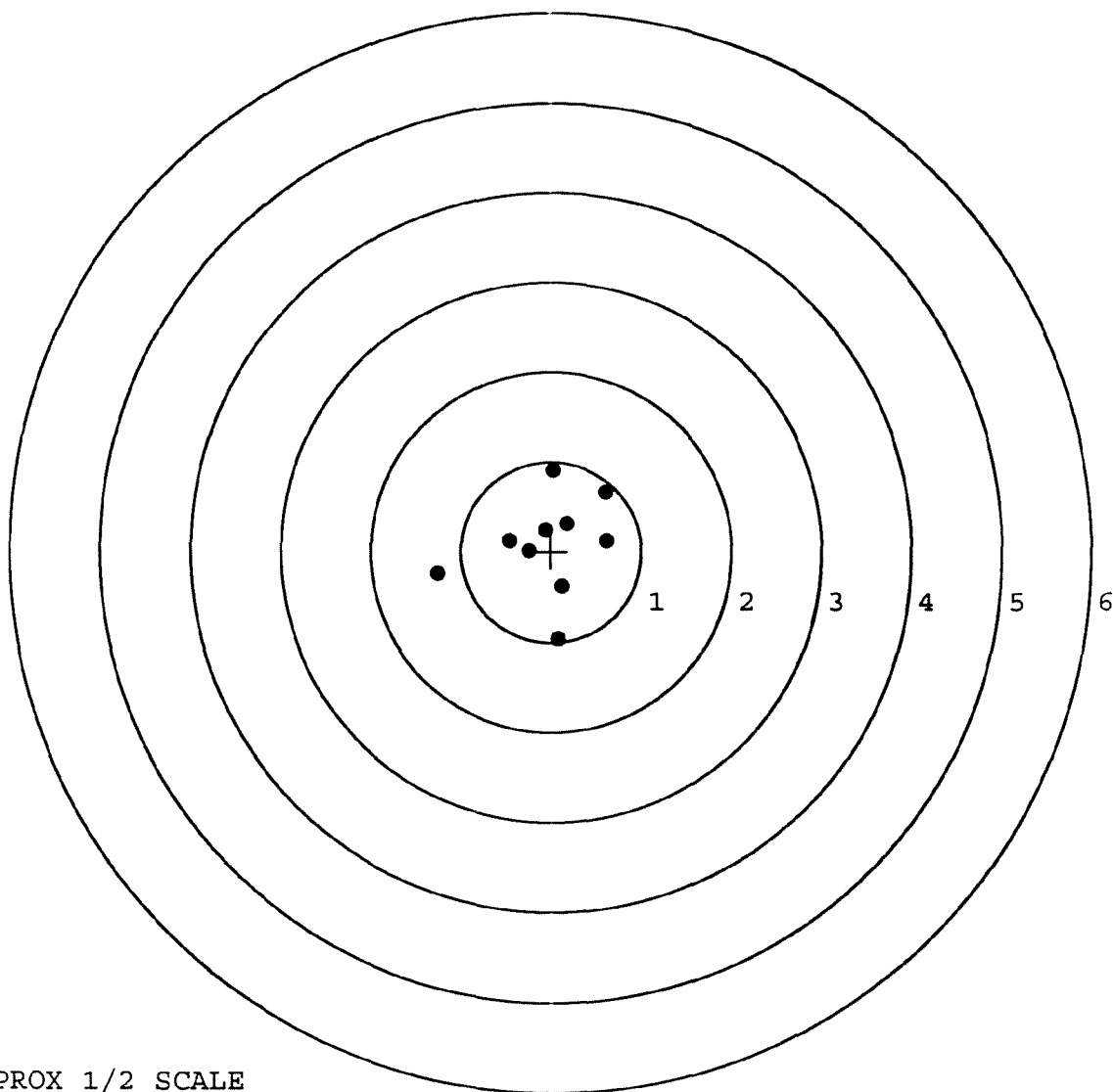
MAX RADIUS: 1.262

MEAN RADIUS: 0.629

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



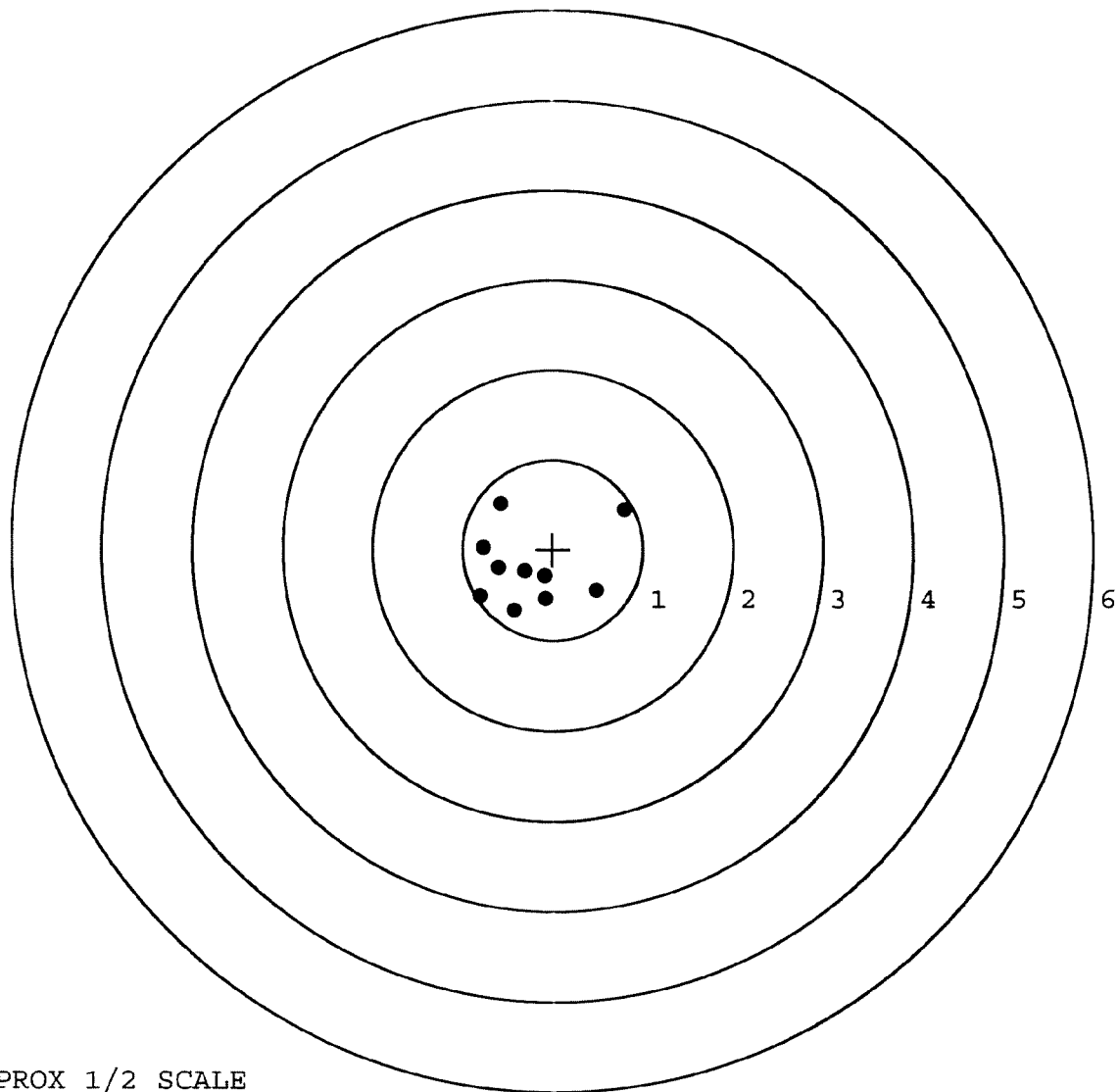
TARGET APPROX 1/2 SCALE

BARBER - M24 0179159

SERIAL NUMBER: G6699778. __0
 TARGET NUMBER: 2
 FILE DATE: 04/11/2008
 FILE TIME: 14:38

POINT#	X	Y
1:	-0.575	0.509
2:	0.798	0.443
3:	0.483	-0.454
4:	-0.092	-0.294
5:	-0.084	-0.549
6:	-0.428	-0.677
7:	-0.313	-0.241
8:	-0.813	-0.520
9:	-0.605	-0.205
10:	-0.771	0.020

X CENTROID: -0.240
 Y CENTROID: -0.197
 POA TO CENTROID: 0.310
 HORZ SPREAD: 1.611
 VERT SPREAD: 1.186
 GROUP SPREAD: 1.877
 MIN RADIUS: 0.085
 MAX RADIUS: 1.219
 MEAN RADIUS: 0.553
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



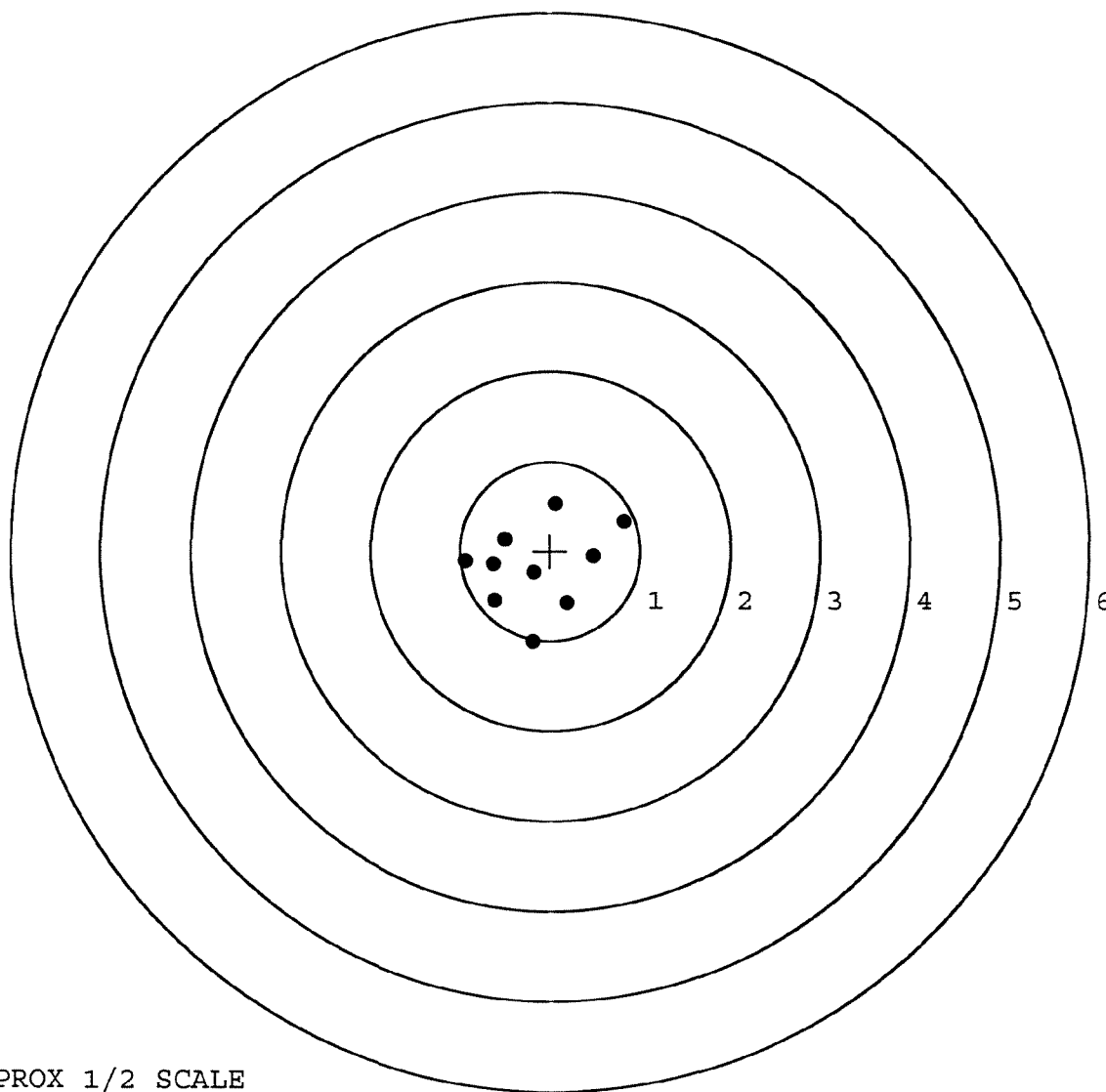
TARGET APPROX 1/2 SCALE

BARBER - M24 0179160

SERIAL NUMBER: G6699778. __0
 TARGET NUMBER: 3
 FILE DATE: 04/11/2008
 FILE TIME: 14:38

POINT#	X	Y
1:	0.057	0.527
2:	0.815	0.328
3:	0.483	-0.065
4:	-0.181	-0.242
5:	0.191	-0.584
6:	-0.507	0.132
7:	-0.630	-0.153
8:	-0.942	-0.119
9:	-0.619	-0.554
10:	-0.194	-1.019

X CENTROID: -0.153
 Y CENTROID: -0.175
 POA TO CENTROID: 0.232
 HORZ SPREAD: 1.757
 VERT SPREAD: 1.546
 GROUP SPREAD: 1.813
 MIN RADIUS: 0.073
 MAX RADIUS: 1.091
 MEAN RADIUS: 0.626
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



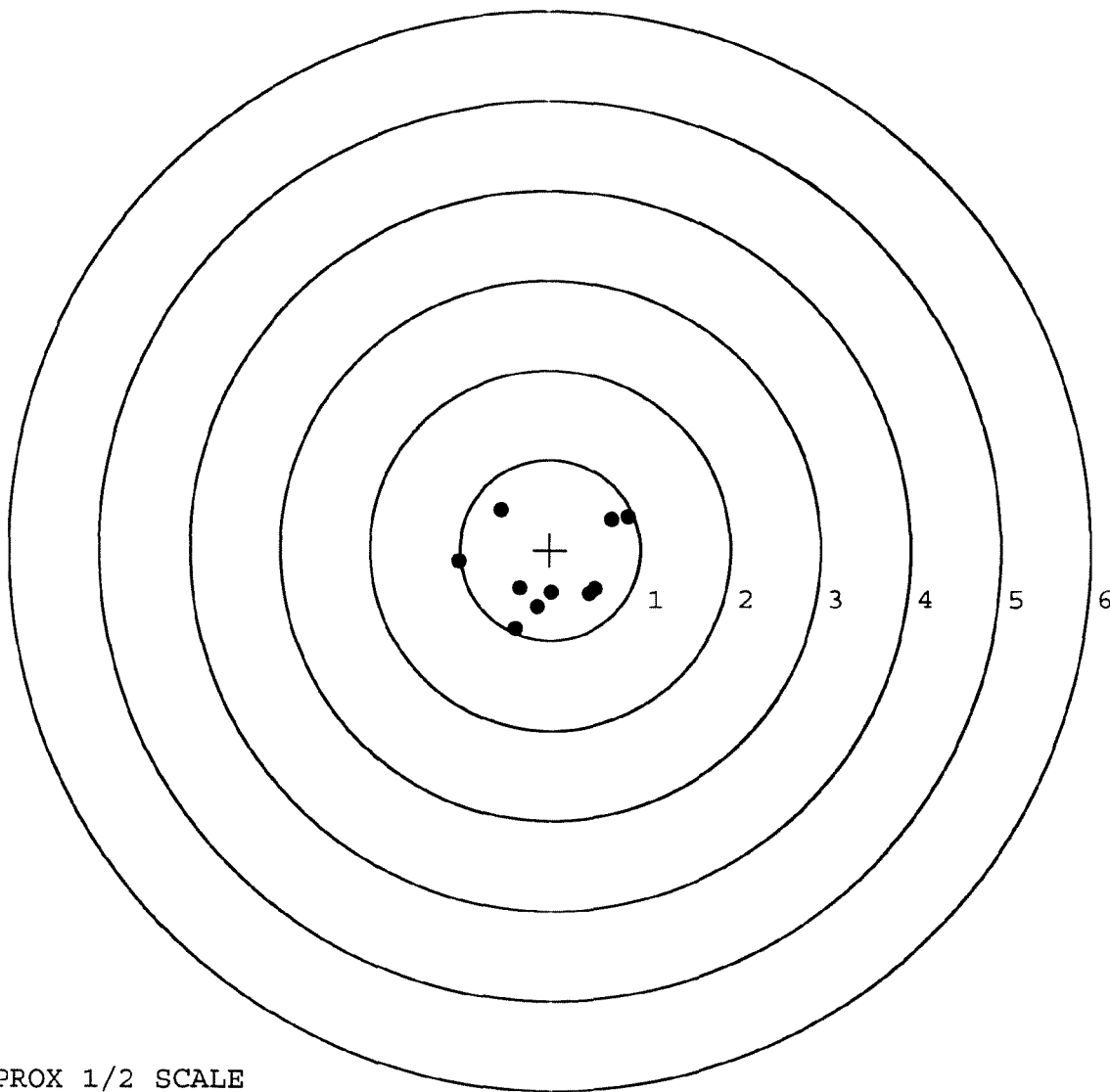
TARGET APPROX 1/2 SCALE

BARBER - M24 0179161

SERIAL NUMBER: G6699778. __0
 TARGET NUMBER: 4
 FILE DATE: 04/11/2008
 FILE TIME: 14:38

POINT#	X	Y
1:	0.873	0.360
2:	0.496	-0.446
3:	-0.534	0.434
4:	0.018	-0.475
5:	-1.018	-0.132
6:	-0.336	-0.427
7:	-0.143	-0.640
8:	-0.385	-0.876
9:	0.438	-0.496
10:	0.690	0.328

X CENTROID: 0.010
 Y CENTROID: -0.237
 POA TO CENTROID: 0.237
 HORZ SPREAD: 1.891
 VERT SPREAD: 1.310
 GROUP SPREAD: 1.954
 MIN RADIUS: 0.238
 MAX RADIUS: 1.049
 MEAN RADIUS: 0.668
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0179162

SERIAL NUMBER: G6699778. __0

TARGET NUMBER: 5

FILE DATE: 04/11/2008

FILE TIME: 14:38

POINT#	X	Y
1:	-0.086	0.940
2:	0.362	0.712
3:	-0.006	0.395
4:	0.459	0.237
5:	-0.305	0.454
6:	-0.391	0.172
7:	-0.750	0.250
8:	-0.066	-0.256
9:	-0.107	-0.797
10:	-0.023	0.973

X CENTROID: -0.091

Y CENTROID: 0.308

POA TO CENTROID: 0.321

HORZ SPREAD: 1.209

VERT SPREAD: 1.770

GROUP SPREAD: 1.772

MIN RADIUS: 0.122

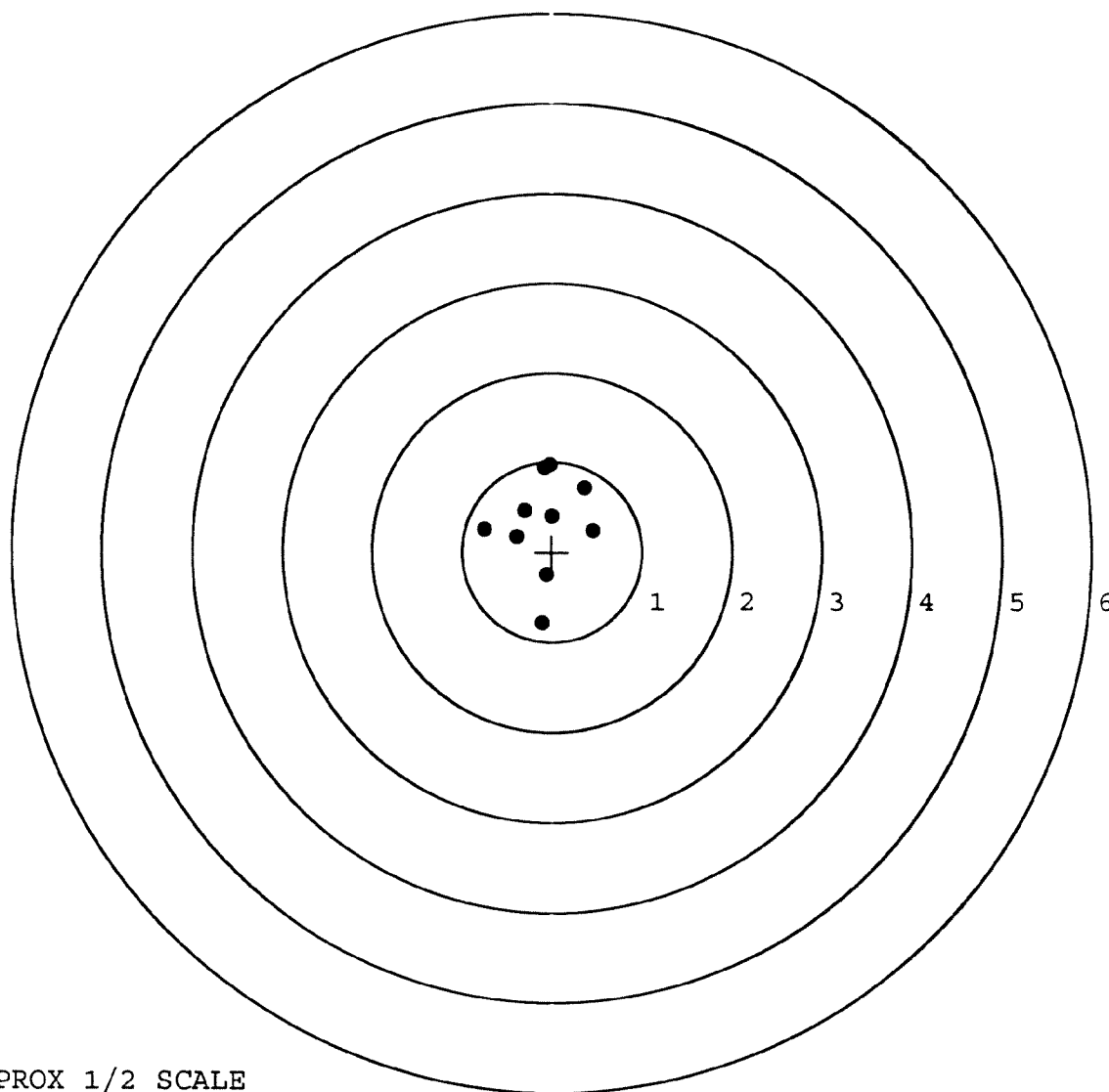
MAX RADIUS: 1.105

MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE