

G 664 4494

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

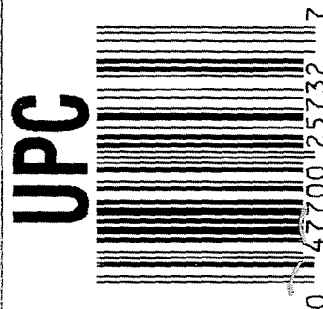
- INSTRUCTION BOOK 3518

DD FORM 200348



ORDER NO.	25732
BARREL LENGTH	24"
CAPACITY	5

G6644494



ORDER 25732

M/24 7.62 NATO (RIFLE ONLY)

UPC



0 47700 25732 7

ORDER 25732

M/24 7.62 NATO (RIFLE ONLY)

UPC



0 47700 25732 7

SERIAL NO.



G6644494

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6644494

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		5-1-07	RTZ
420	ASSEMBLE ACTION		4/30/07	S.P.D.
430	ASSEMBLE TO STOCK		5-1-07	Fm
440	PROOF	MAGNA - FLUX	5-1-07	TRW
460	CHECK HEADSPACE	JUN - 3 2007	5-1-07	TRW
470	DIS-ASSEMBLE ACTION		5-2-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mmms</u>	5/3/07	mmms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		5-3-07	CW
510	DRILL AND TAP SIGHT HOLES		5-2-07	SD
520	GOFF BLAST BBL / REC		5-4-07	UB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		5/9/07	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		5-10-07	S.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-10-07	S.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-10-07	S.P.D.
	D) OIL FIRING PIN ASSEMBLY		5-10-07	S.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		5/8/07	mm

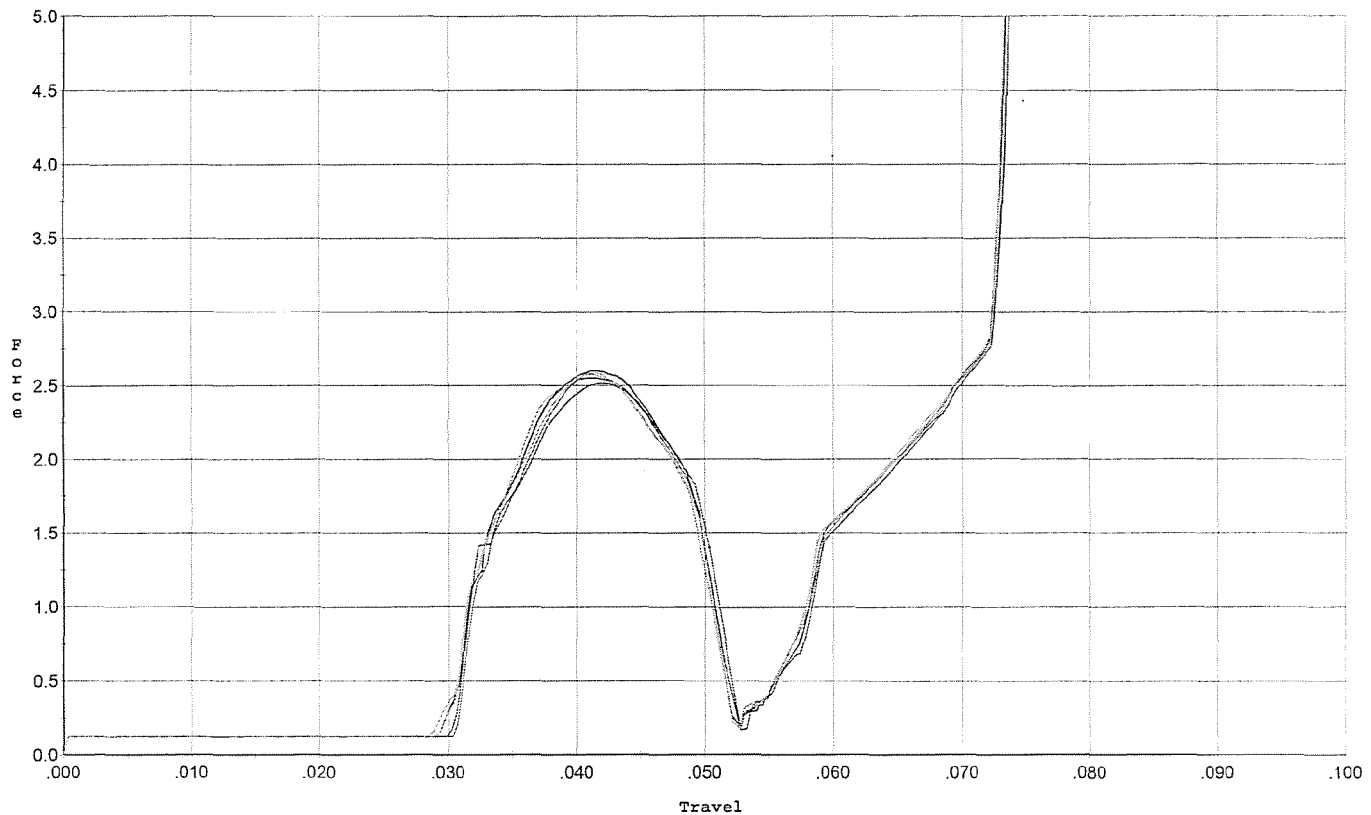
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.25</u> <u>7.75</u> <u>7.5</u>	5-17-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.25</u>	5-17-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		5/18/07	TRW
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.0235</u> <u>.0235</u>	5-17-07	TRW
	J) ASSEMBLE STOCK		5-18-07	TRW
	K) ASSEMBLE SWIVEL STUDS		5/18/07	TRW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT	N/A		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	5/16/07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		5-16-07	SD
670	FINAL INSPECTION A) HEADSPACE		5/18/07	TRW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.86</u> <u>2.80</u> <u>2.79</u> <u>2.74</u> <u>2.66</u>	5-17-07	TRW
	C) FUNCTION		5/18/07	TRW
690	PACK		5-21-07	TRW

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 5/10/07

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



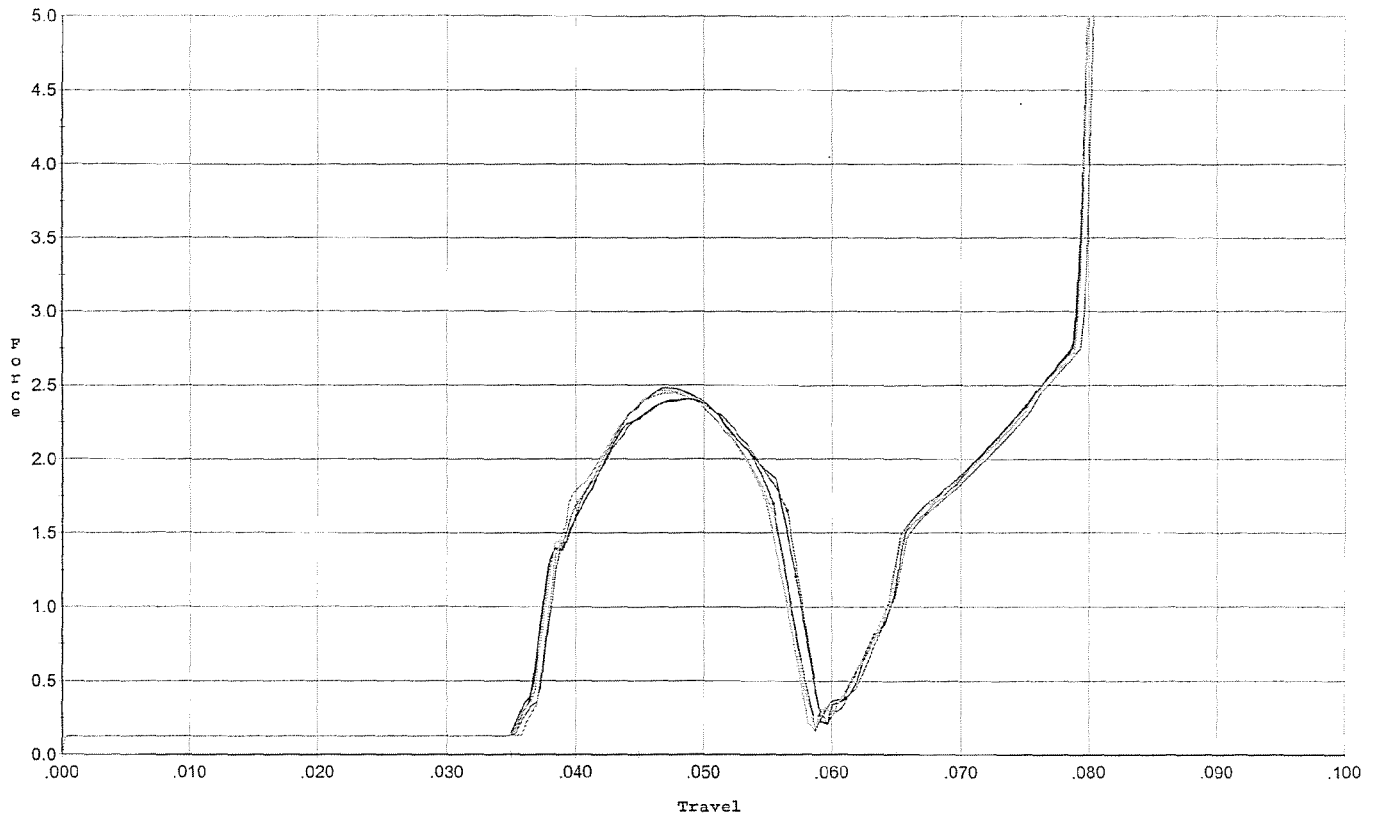
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.517	0.050	0.031	0.031	0.042		Set Trigger
2	2.599	0.050	0.030	0.030	0.044		Set Trigger
3	2.550	0.050	0.031	0.031	0.043		Set Trigger
4	2.577	0.050	0.030	0.030	0.043		Set Trigger
5	2.585	0.050	0.029	0.030	0.044		Set Trigger

AUG 2.56

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/10/07

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



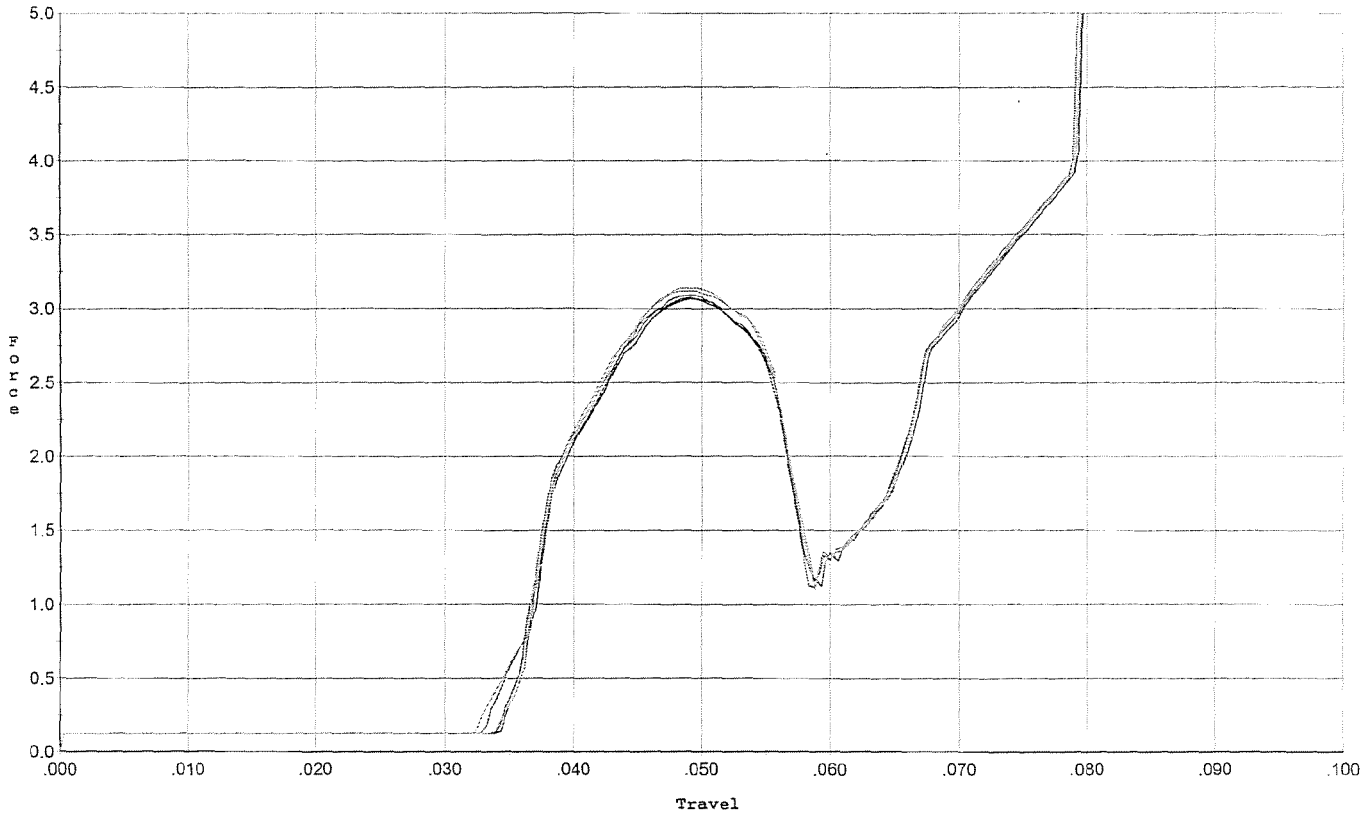
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.482	0.055	0.036	0.031	0.044		Set Trigger
2	2.409	0.057	0.035	0.030	0.045		Set Trigger
3	2.406	0.056	0.036	0.031	0.044		Set Trigger
4	2.453	0.056	0.036	0.031	0.044		Set Trigger
5	2.465	0.056	0.036	0.031	0.043		Set Trigger

Avg 2.44

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/10/07

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



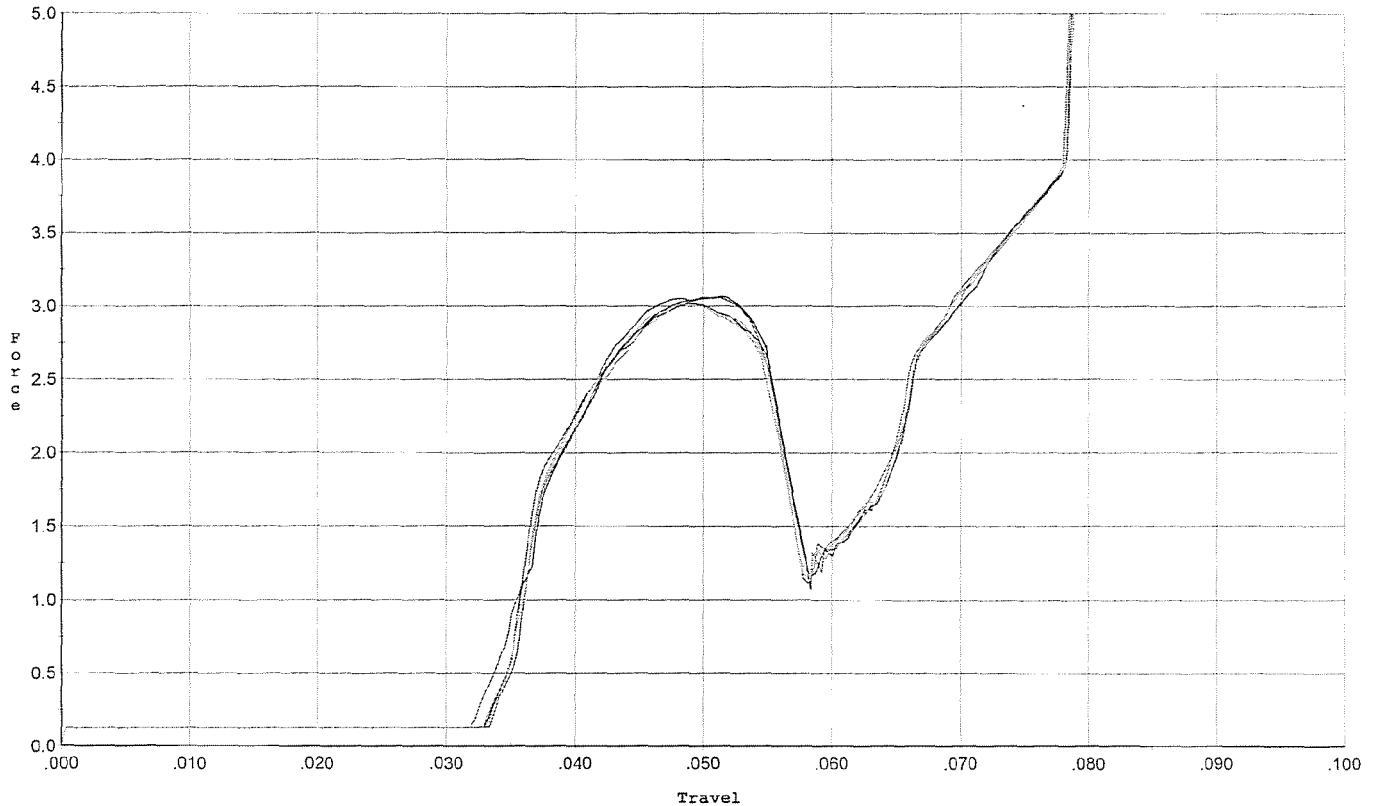
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.074	0.056	0.035	0.030	0.057		Set Trigger
2	3.069	0.056	0.035	0.030	0.056		Set Trigger
3	3.090	0.056	0.033	0.029	0.058		Set Trigger
4	3.139	0.056	0.034	0.030	0.057		Set Trigger
5	3.119	0.056	0.033	0.029	0.058		Set Trigger

Avg 3.09

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/10/07

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



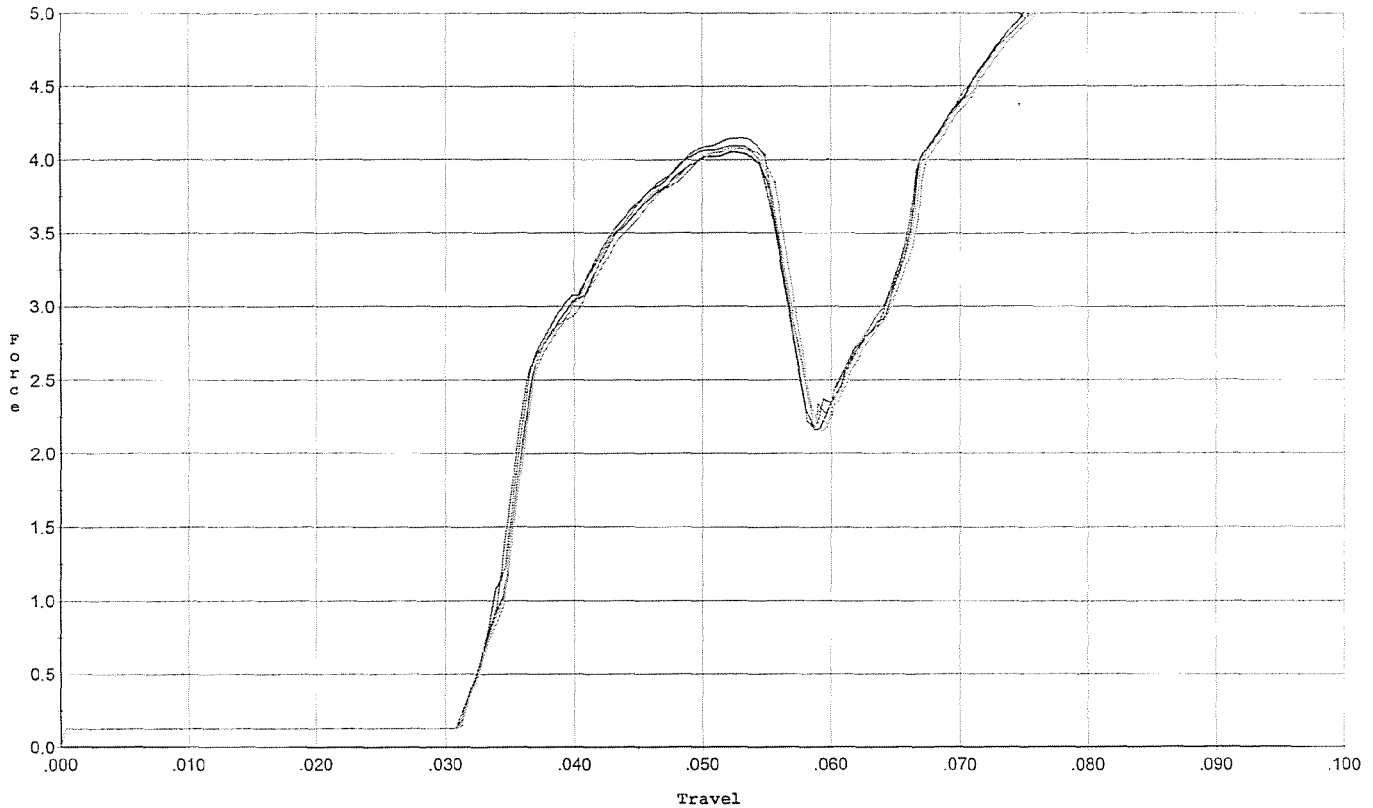
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.020	0.055	0.034	0.029	0.056		Set Trigger
2	3.068	0.055	0.033	0.029	0.057		Set Trigger
3	3.062	0.055	0.032	0.029	0.059		Set Trigger
4	3.012	0.055	0.033	0.029	0.057		Set Trigger
5	3.012	0.056	0.034	0.029	0.057		Set Trigger

Avg 3.03

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/10/07

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



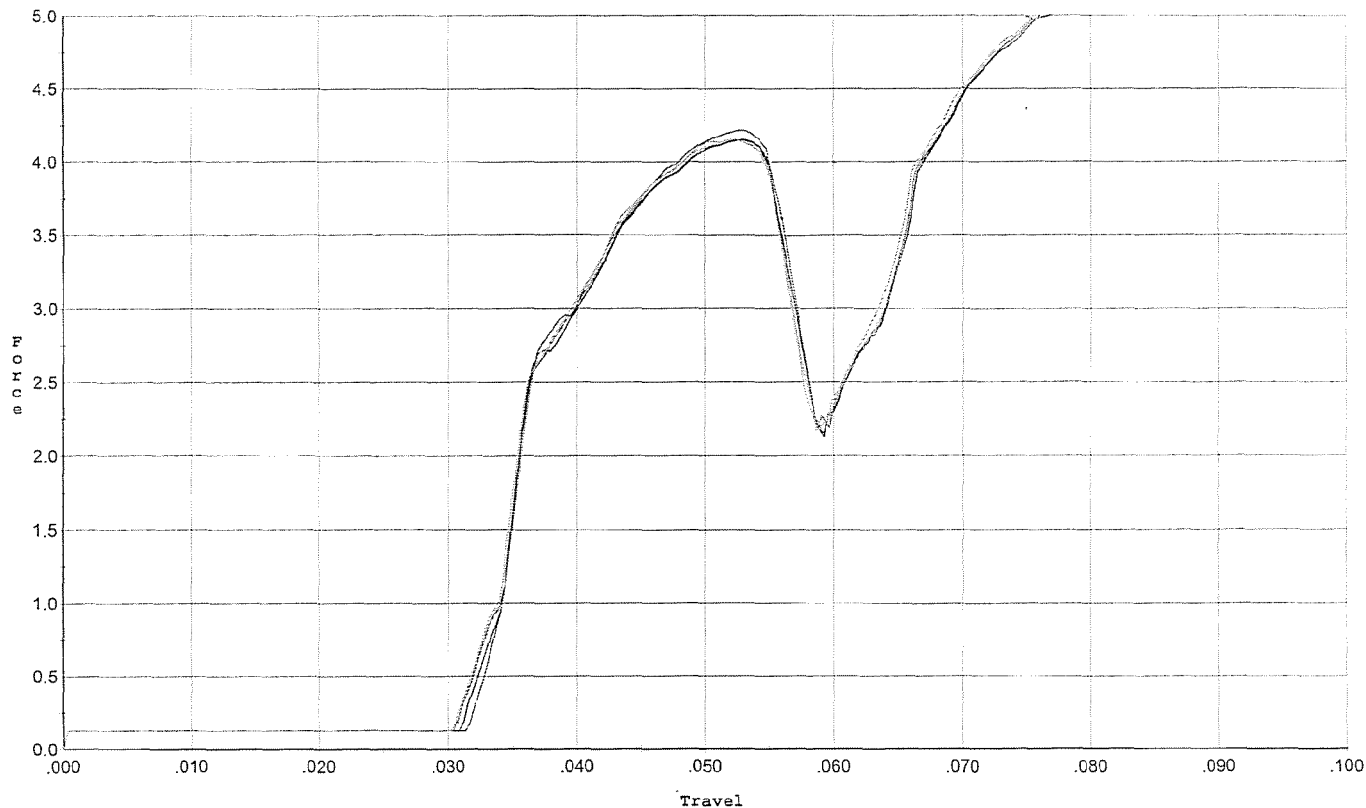
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.094	0.055	0.031	0.026	0.082		Set Trigger
2	4.051	0.055	0.032	0.027	0.080		Set Trigger
3	4.147	0.055	0.032	0.027	0.081		Set Trigger
4	4.080	0.055	0.032	0.027	0.080		Set Trigger
5	4.075	0.056	0.032	0.027	0.081		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/10/07

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



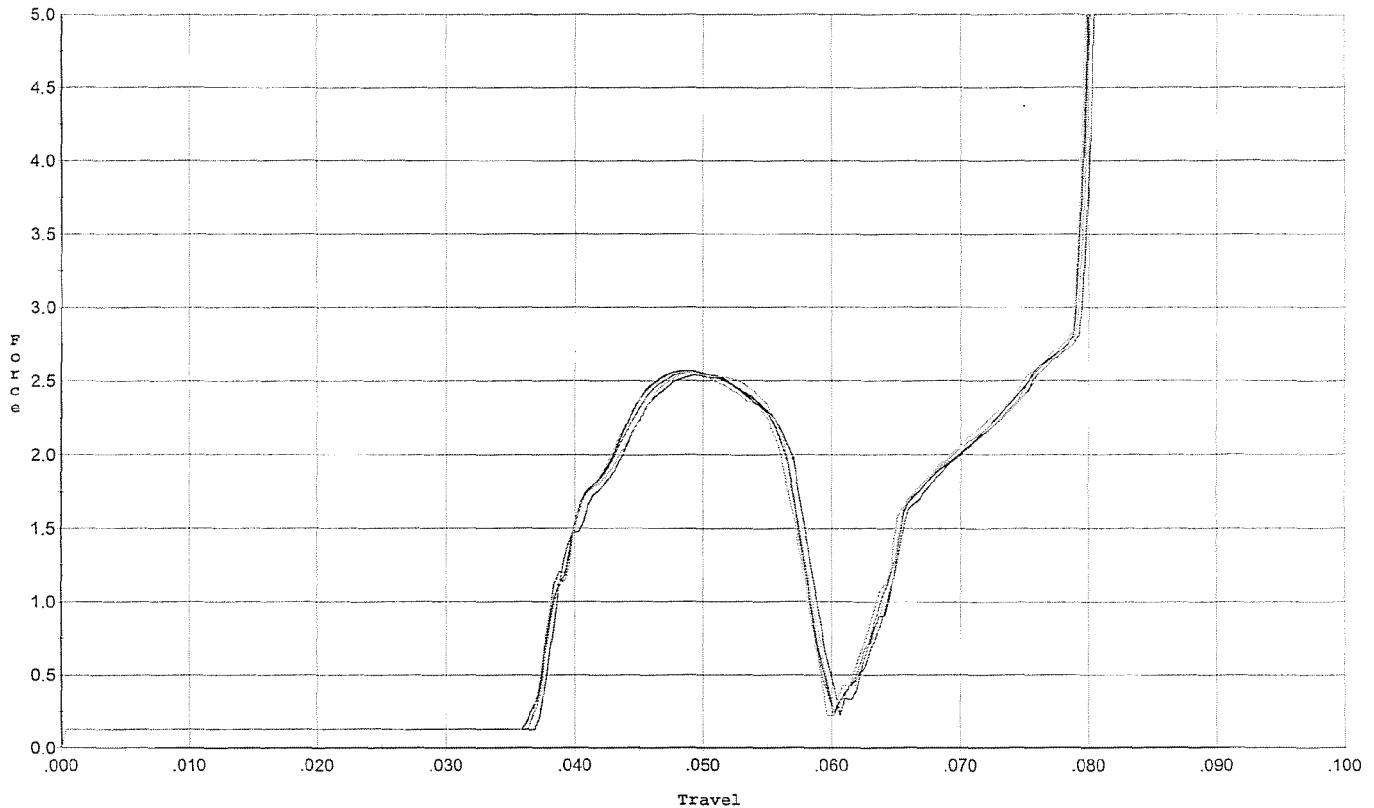
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.147	0.055	0.032	0.026	0.081		Set Trigger
2	4.150	0.055	0.031	0.026	0.081		Set Trigger
3	4.213	0.056	0.031	0.026	0.084		Set Trigger
4	4.157	0.055	0.031	0.026	0.082		Set Trigger
5	4.154	0.055	0.031	0.026	0.081		Set Trigger

Avg 4.16

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/10/07

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



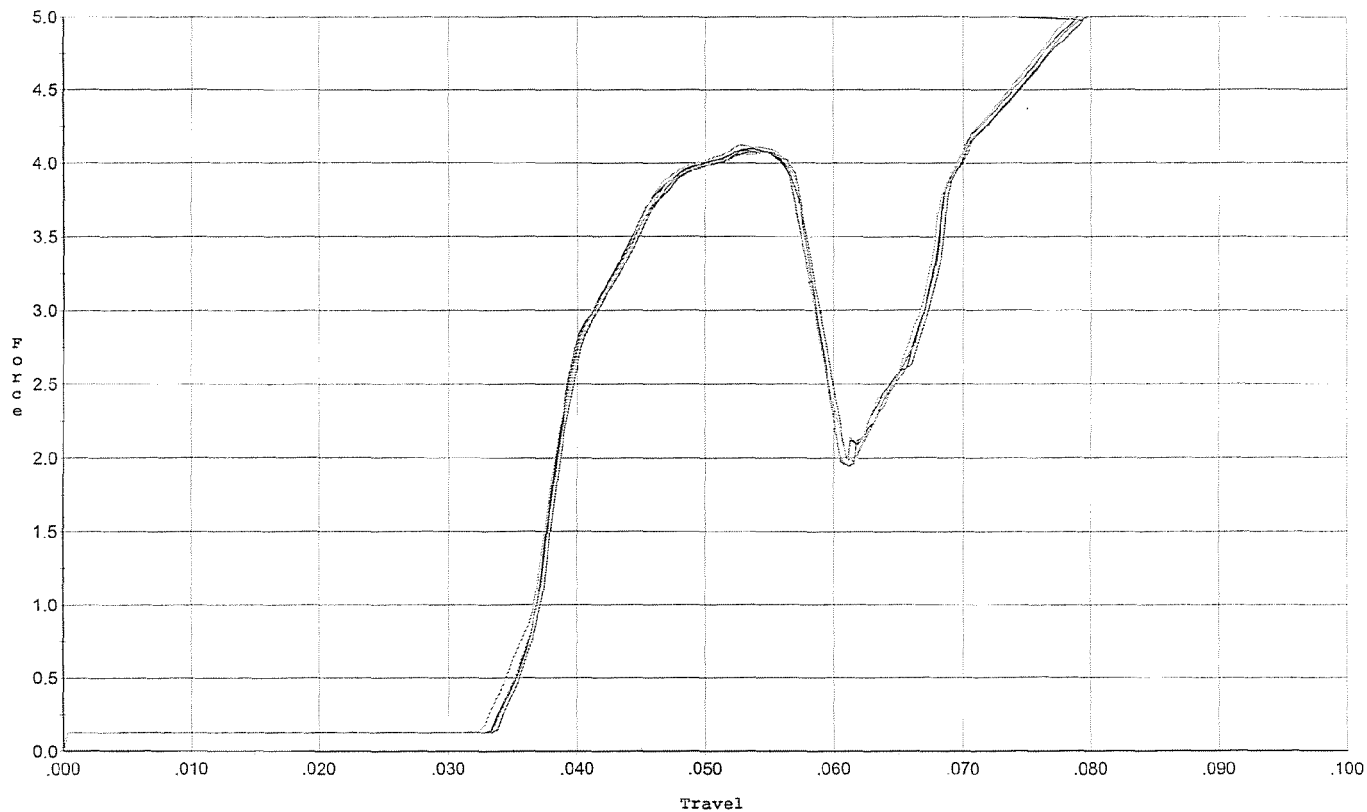
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.539	0.057	0.037	0.030	0.046		Set Trigger
2	2.566	0.056	0.036	0.030	0.047		Set Trigger
3	2.564	0.056	0.037	0.030	0.046		Set Trigger
4	2.564	0.057	0.037	0.030	0.047		Set Trigger
5	2.555	0.056	0.037	0.030	0.046		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/10/07

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	4.085	0.057	0.034	0.026	0.080		Set Trigger
2	4.096	0.058	0.034	0.026	0.082		Set Trigger
3	4.080	0.059	0.034	0.026	0.082		Set Trigger
4	4.123	0.058	0.033	0.026	0.082		Set Trigger
5	4.069	0.057	0.034	0.027	0.080		Set Trigger

Avg 4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6644494.___0
FILE DATE AND TIME: 05/17/2007 01:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.134
The Average Y Centroid of the Five Target Set:	0.061
The Average Point of Impact of the Five Target Set:	0.147
The Average Mean Radius of the Five Target Set:	0.826
The Distance from POA to Centroid Target #1:	0.092
The Distance from Centroid Target #2 to Centroid Target #1:	0.325
The Distance from Centroid Target #3 to Centroid Target #1:	0.554
The Distance from Centroid Target #4 to Centroid Target #1:	0.150
The Distance from Centroid Target #5 to Centroid Target #1:	0.012

SERIAL NUMBER: G6644494. __0

TARGET NUMBER: 1

FILE DATE: 05/17/2007

FILE TIME: 01:26

POINT#	X	Y
1:	0.143	0.697
2:	0.016	0.345
3:	0.388	0.414
4:	-0.363	0.349
5:	-0.444	-0.079
6:	-0.592	-0.424
7:	-0.023	-0.588
8:	0.098	-0.607
9:	0.769	-0.839
10:	0.894	0.469

X CENTROID: 0.089

Y CENTROID: -0.026

POA TO CENTROID: 0.092

HORZ SPREAD: 1.486

VERT SPREAD: 1.536

GROUP SPREAD: 1.659

MIN RADIUS: 0.378

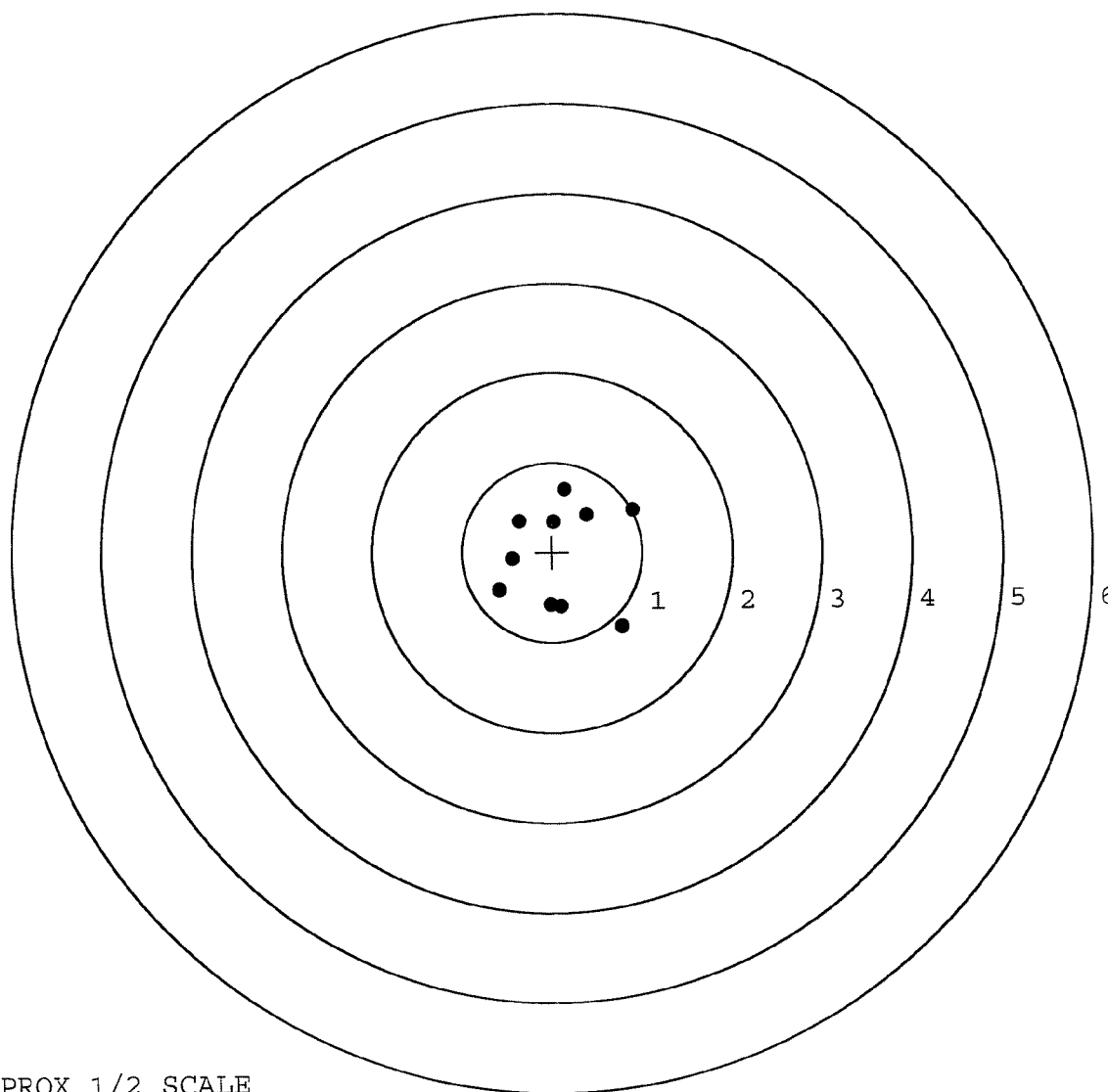
MAX RADIUS: 1.060

MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6644494. __0

TARGET NUMBER: 2

FILE DATE: 05/17/2007

FILE TIME: 01:26

POINT#	X	Y
1:	-0.962	0.555
2:	-0.711	0.563
3:	-0.428	0.602
4:	0.263	0.664
5:	0.612	1.802
6:	-1.264	-0.069
7:	-0.044	-0.329
8:	0.216	-0.553
9:	0.393	-0.739
10:	0.618	-0.364

X CENTROID: -0.131

Y CENTROID: 0.213

POA TO CENTROID: 0.250

HORZ SPREAD: 1.882

VERT SPREAD: 2.541

GROUP SPREAD: 2.650

MIN RADIUS: 0.489

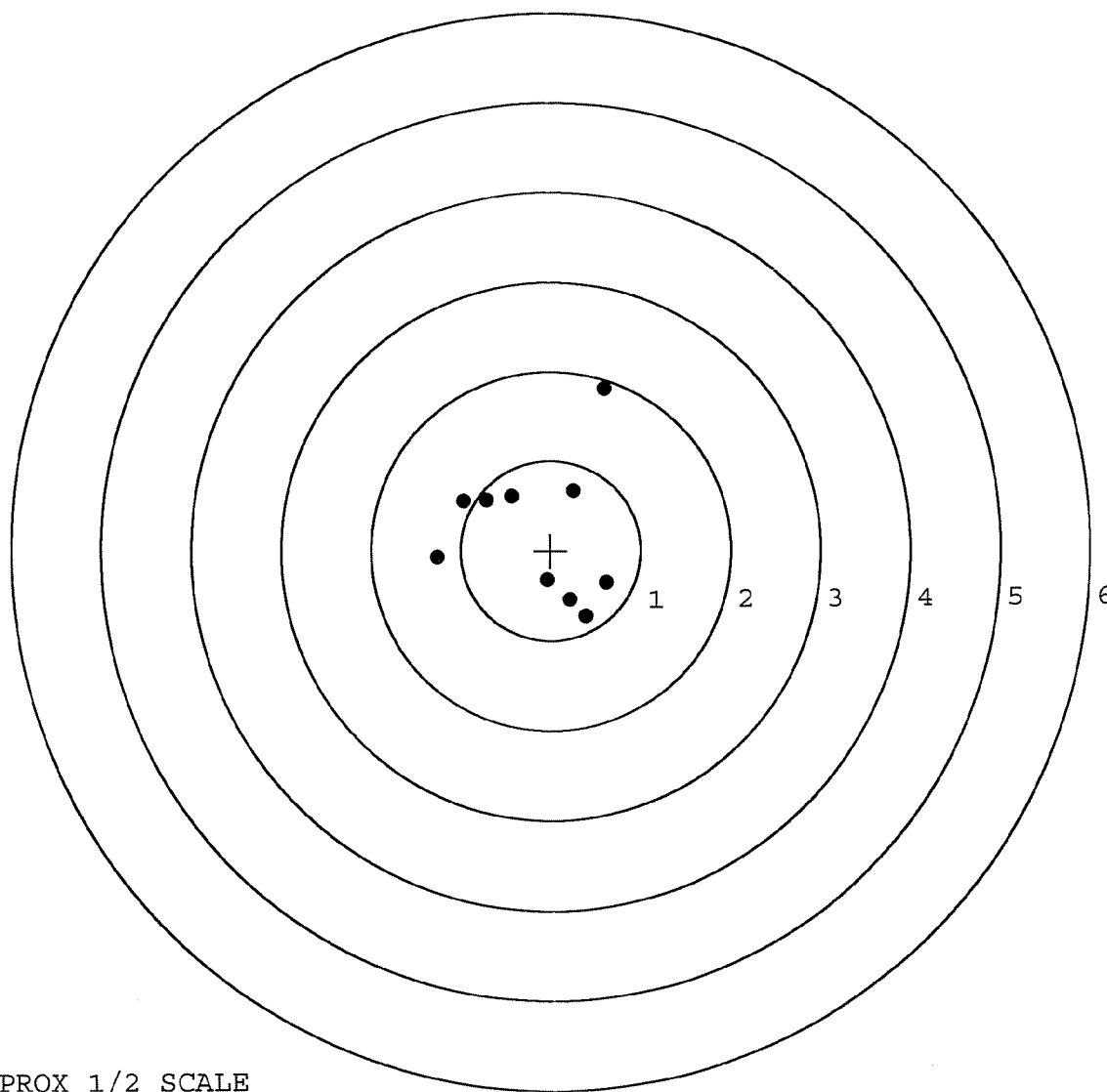
MAX RADIUS: 1.754

MEAN RADIUS: 0.901

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

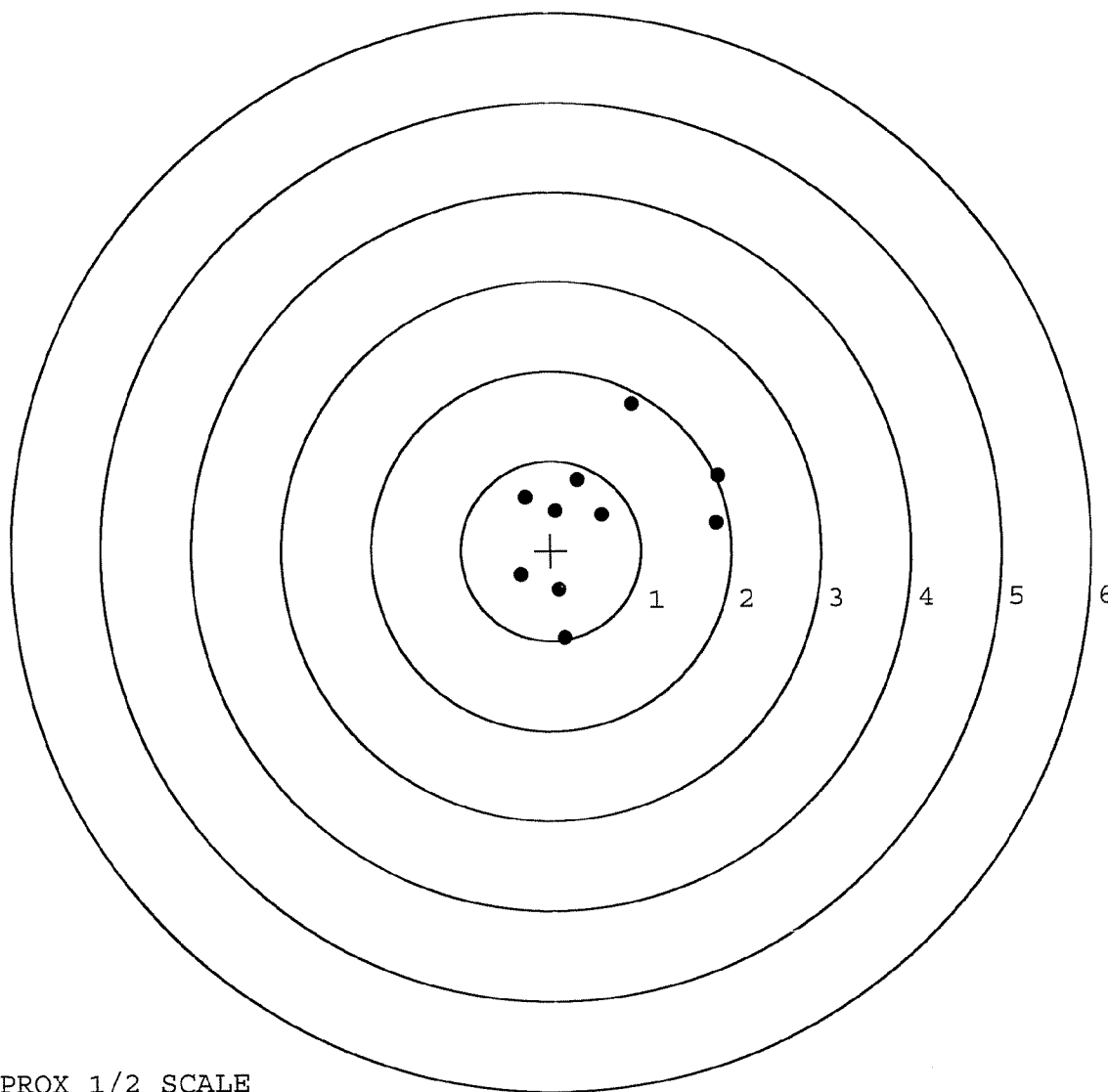


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6644494. __ 0
 TARGET NUMBER: 3
 FILE DATE: 05/17/2007
 FILE TIME: 01:26

POINT#	X	Y
1:	-0.286	0.596
2:	0.054	0.441
3:	0.300	0.787
4:	0.571	0.396
5:	0.911	1.633
6:	-0.339	-0.268
7:	0.090	-0.439
8:	0.148	-0.976
9:	1.832	0.297
10:	1.857	0.826

X CENTROID: 0.514
 Y CENTROID: 0.329
 POA TO CENTROID: 0.610
 HORZ SPREAD: 2.196
 VERT SPREAD: 2.609
 GROUP SPREAD: 2.484
 MIN RADIUS: 0.088
 MAX RADIUS: 1.432
 MEAN RADIUS: 0.930
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

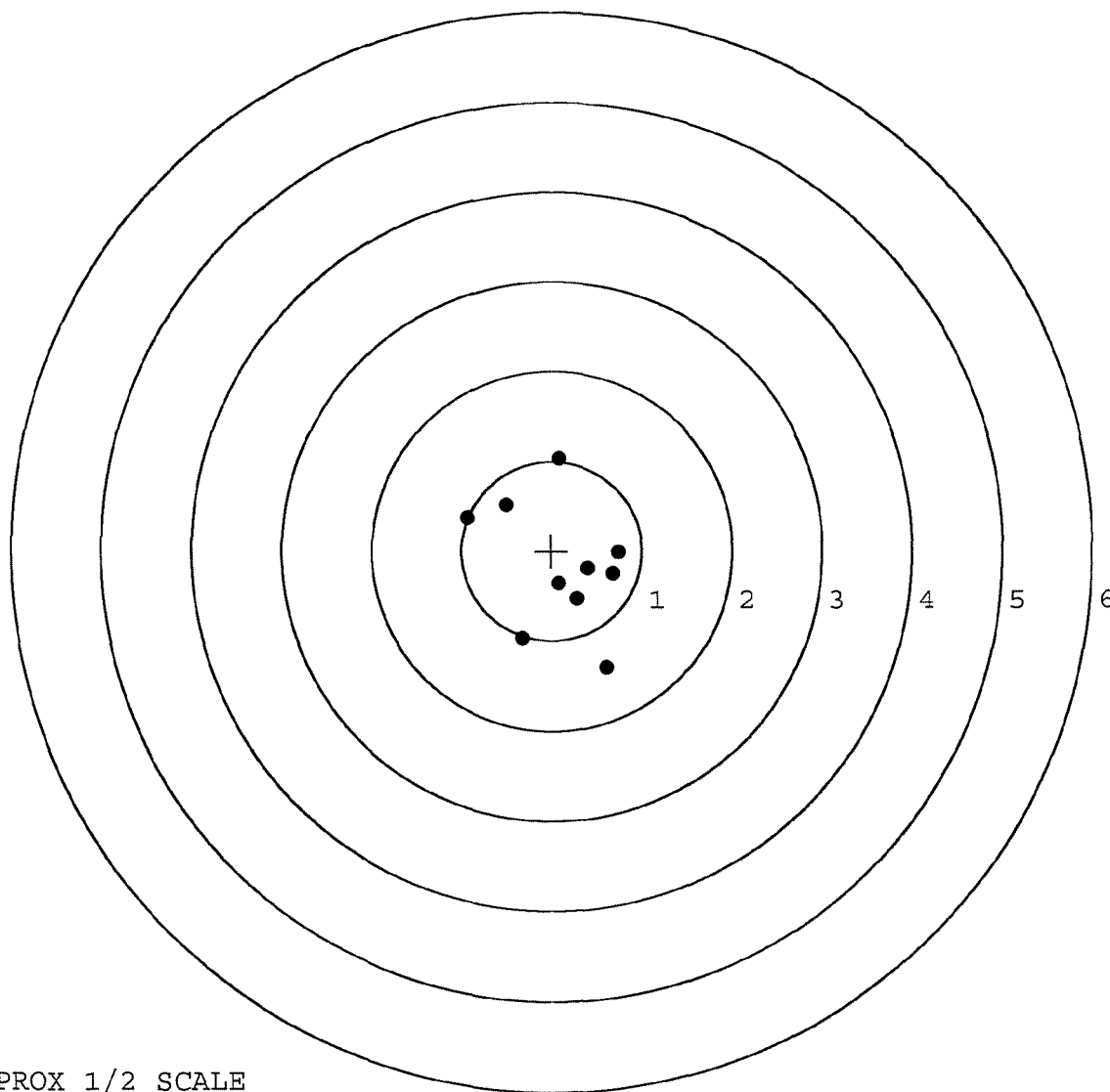


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6644494. __0
 TARGET NUMBER: 4
 FILE DATE: 05/17/2007
 FILE TIME: 01:26

POINT#	X	Y
1:	-0.935	0.373
2:	-0.505	0.519
3:	0.093	1.027
4:	0.740	-0.014
5:	0.685	-0.257
6:	0.402	-0.197
7:	0.080	-0.367
8:	0.282	-0.542
9:	-0.327	-0.985
10:	0.612	-1.302

X CENTROID: 0.113
 Y CENTROID: -0.174
 POA TO CENTROID: 0.208
 HORZ SPREAD: 1.675
 VERT SPREAD: 2.329
 GROUP SPREAD: 2.386
 MIN RADIUS: 0.195
 MAX RADIUS: 1.233
 MEAN RADIUS: 0.758
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



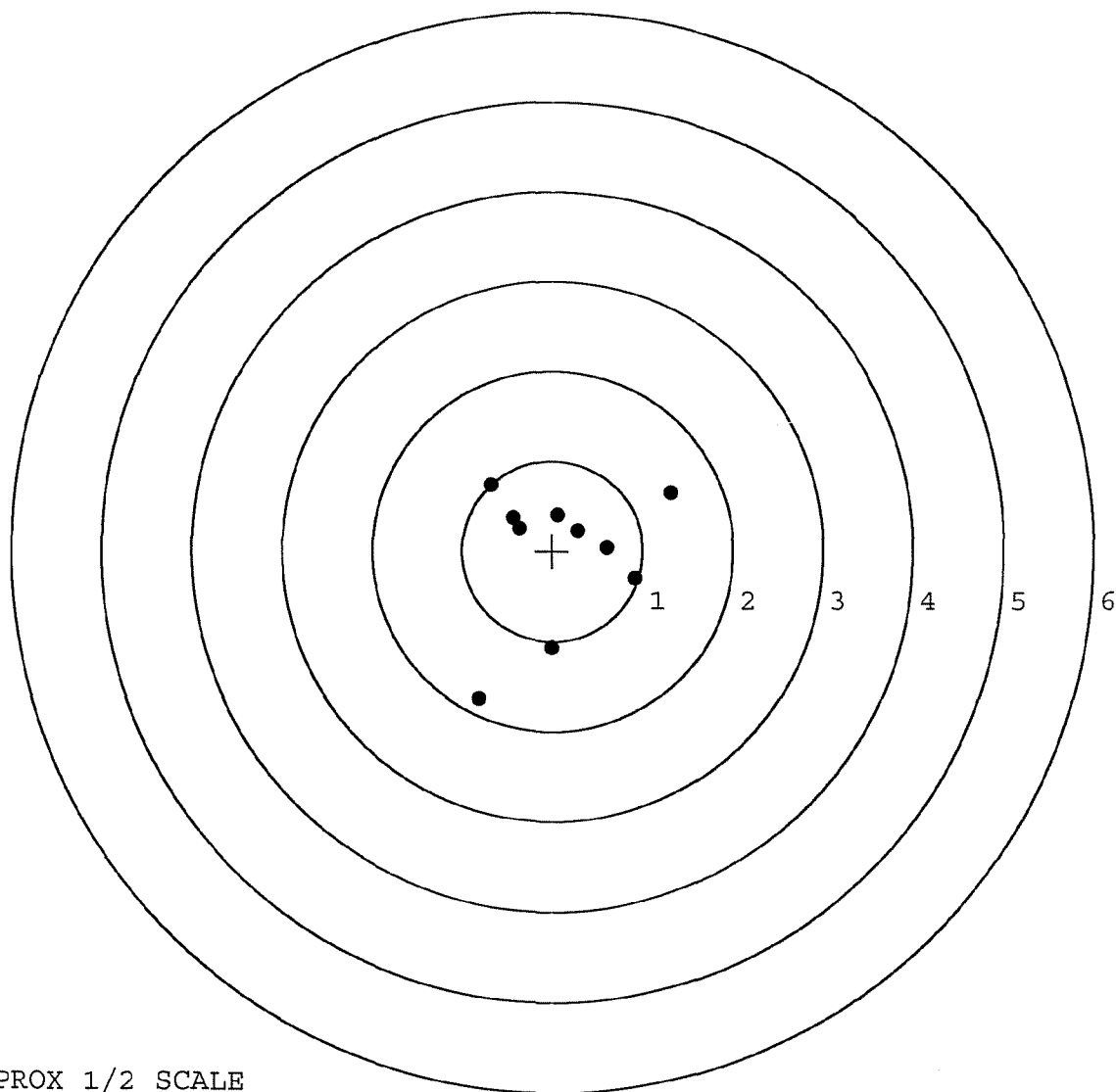
TARGET APPROX 1/2 SCALE

BARBER - M24 0170040

SERIAL NUMBER: G6644494. __0
 TARGET NUMBER: 5
 FILE DATE: 05/17/2007
 FILE TIME: 01:26

POINT#	X	Y
1:	-0.683	0.731
2:	-0.367	0.244
3:	-0.436	0.362
4:	0.058	0.395
5:	0.281	0.223
6:	0.613	0.040
7:	0.915	-0.313
8:	1.312	0.646
9:	-0.008	-1.074
10:	-0.809	-1.641

X CENTROID: 0.088
 Y CENTROID: -0.039
 POA TO CENTROID: 0.096
 HORZ SPREAD: 2.121
 VERT SPREAD: 2.372
 GROUP SPREAD: 3.119
 MIN RADIUS: 0.325
 MAX RADIUS: 1.836
 MEAN RADIUS: 0.873
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE