

C6225305

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00120766

Serial: C6225305 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 11/27/2006 12:57:44 PM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: SFC KIRCHNER

SFC KIRCHNER

Address 1: HSC 1/7 SFG (A)

HSC 1/7 SFG (A)

Address 2: BLDG E-3622 JUST CAUSE DR

PO Box:

BLDG E-3622 JUST CAUSE DR

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

11/27/2006

1:31 PM

CAPS

NUM

INS

SCRL

Serial Number:

C6225305

Model: M24 SWS



RE00120766



Remington



DUPONT

REG. U.S. PAT. & TM. OFF.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO.
C6225305

ORDER NO.
5716

20



5716 C6225305

UPC



0 47700 25716 7

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225305.___0
FILE DATE AND TIME: 12/15/2006 05:24

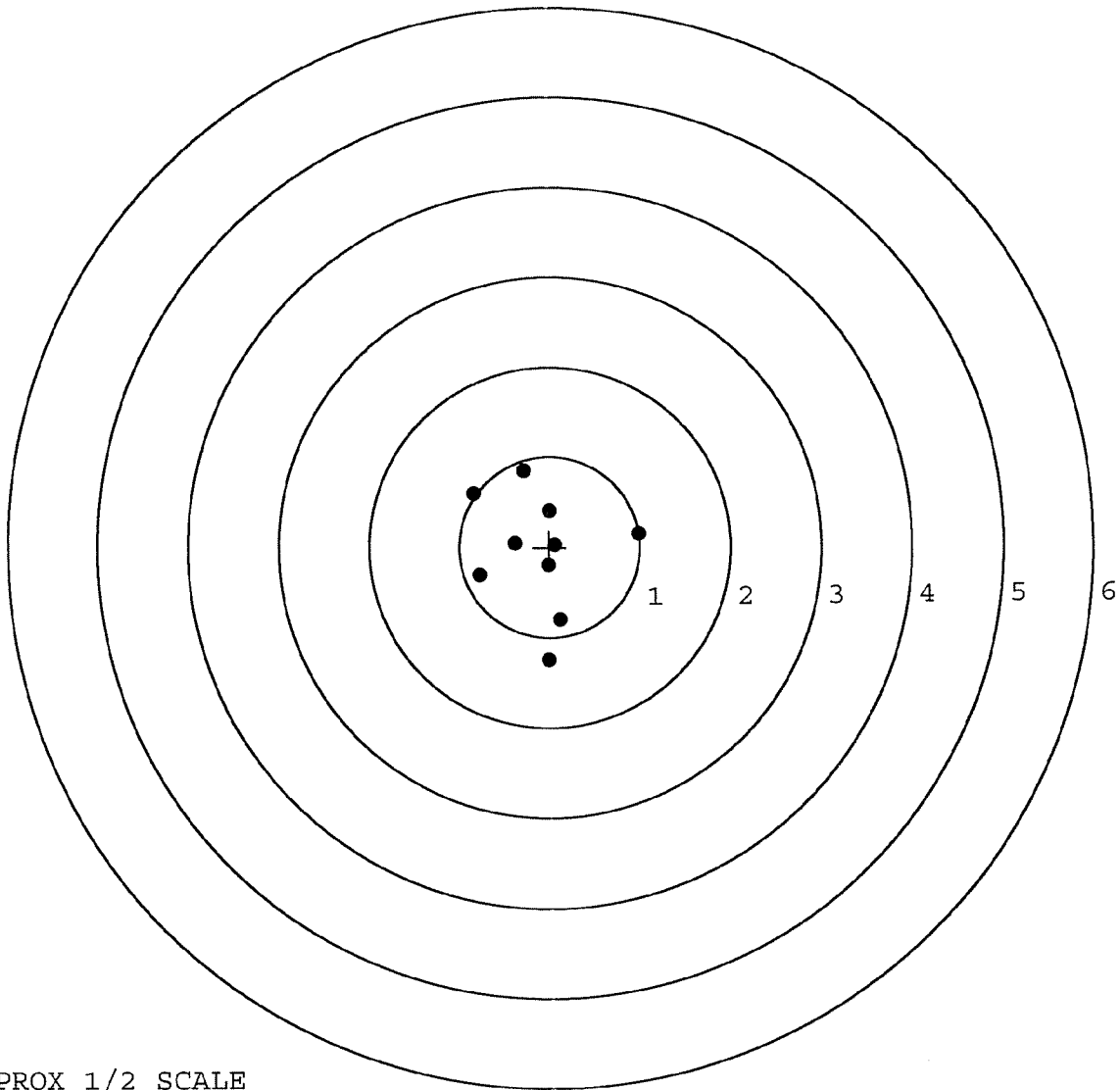
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.095
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.634
The Distance from POA to Centroid Target #1:	0.126
The Distance from Centroid Target #2 to Centroid Target #1:	0.097
The Distance from Centroid Target #3 to Centroid Target #1:	0.132
The Distance from Centroid Target #4 to Centroid Target #1:	0.050
The Distance from Centroid Target #5 to Centroid Target #1:	0.132

SERIAL NUMBER: C6225305. __0
 TARGET NUMBER: 1
 FILE DATE: 12/15/2006
 FILE TIME: 05:24

POINT#	X	Y
1:	-0.016	-1.254
2:	0.120	-0.811
3:	0.987	0.146
4:	-0.774	-0.309
5:	-0.016	-0.203
6:	-0.383	0.041
7:	0.061	0.023
8:	-0.004	0.405
9:	-0.284	0.845
10:	-0.839	0.600

X CENTROID: -0.115
 Y CENTROID: -0.052
 POA TO CENTROID: 0.126
 HORZ SPREAD: 1.826
 VERT SPREAD: 2.099
 GROUP SPREAD: 2.116
 MIN RADIUS: 0.181
 MAX RADIUS: 1.206
 MEAN RADIUS: 0.684
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

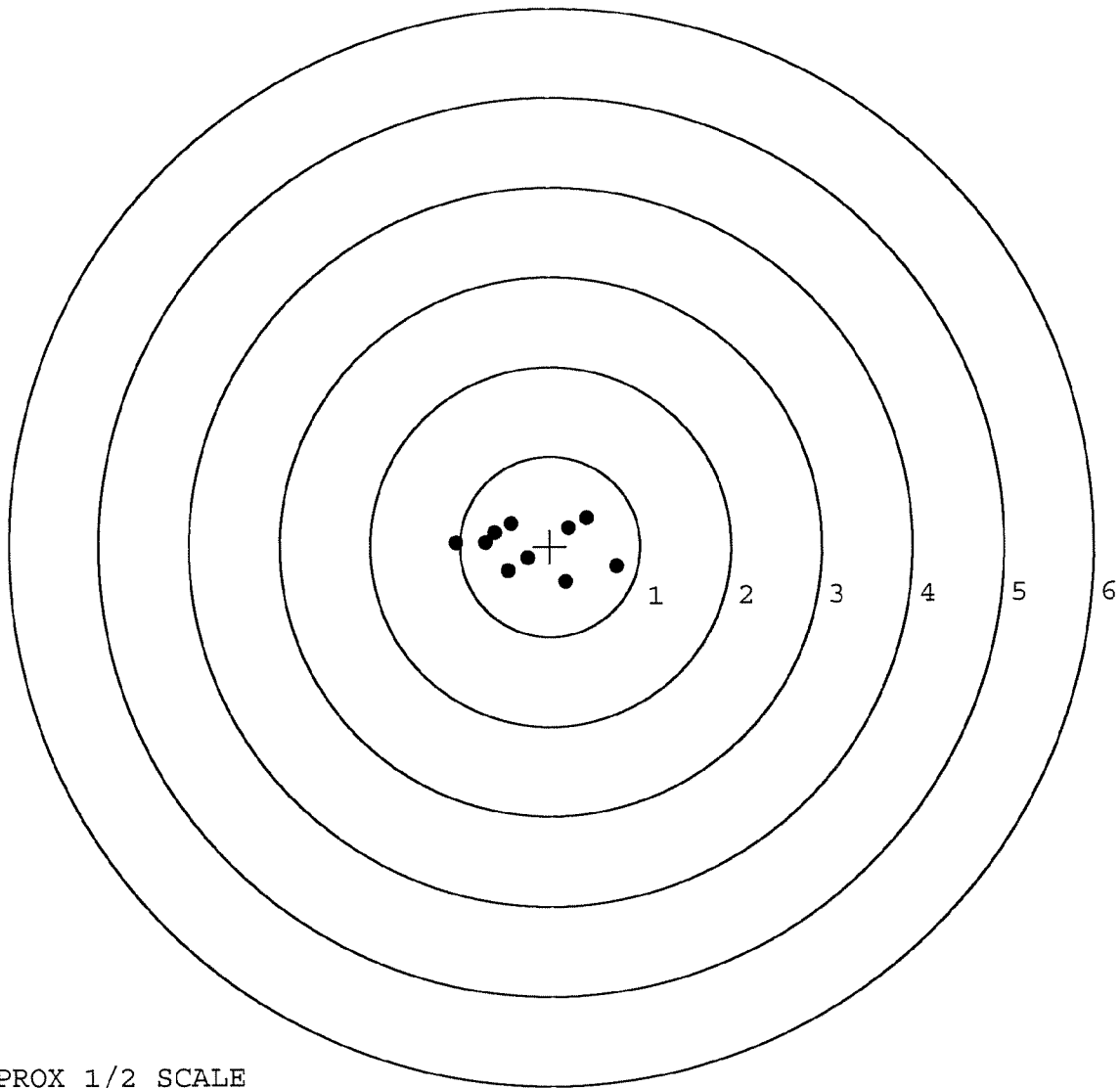


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225305. __0
 TARGET NUMBER: 2
 FILE DATE: 12/15/2006
 FILE TIME: 05:24

X CENTROID: -0.199
 Y CENTROID: -0.004
 POA TO CENTROID: 0.199
 HORZ SPREAD: 1.784
 VERT SPREAD: 0.702
 GROUP SPREAD: 1.804
 MIN RADIUS: 0.140
 MAX RADIUS: 0.965
 MEAN RADIUS: 0.532
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.739	-0.228
2:	0.174	-0.395
3:	0.407	0.307
4:	0.212	0.205
5:	-0.469	-0.275
6:	-0.247	-0.135
7:	-0.427	0.251
8:	-0.616	0.147
9:	-1.045	0.041
10:	-0.719	0.045



TARGET APPROX 1/2 SCALE

BARBER - M24 0012376

SERIAL NUMBER: C6225305. __0

TARGET NUMBER: 3

FILE DATE: 12/15/2006

FILE TIME: 05:24

POINT#	X	Y
1:	0.407	0.888
2:	0.210	0.772
3:	0.487	0.517
4:	0.624	-0.403
5:	0.370	-0.488
6:	0.122	-0.601
7:	-0.264	-0.576
8:	-1.025	-0.074
9:	-0.699	0.079
10:	-0.767	0.539

X CENTROID: -0.053

Y CENTROID: 0.065

POA TO CENTROID: 0.084

HORZ SPREAD: 1.649

VERT SPREAD: 1.489

GROUP SPREAD: 1.725

MIN RADIUS: 0.646

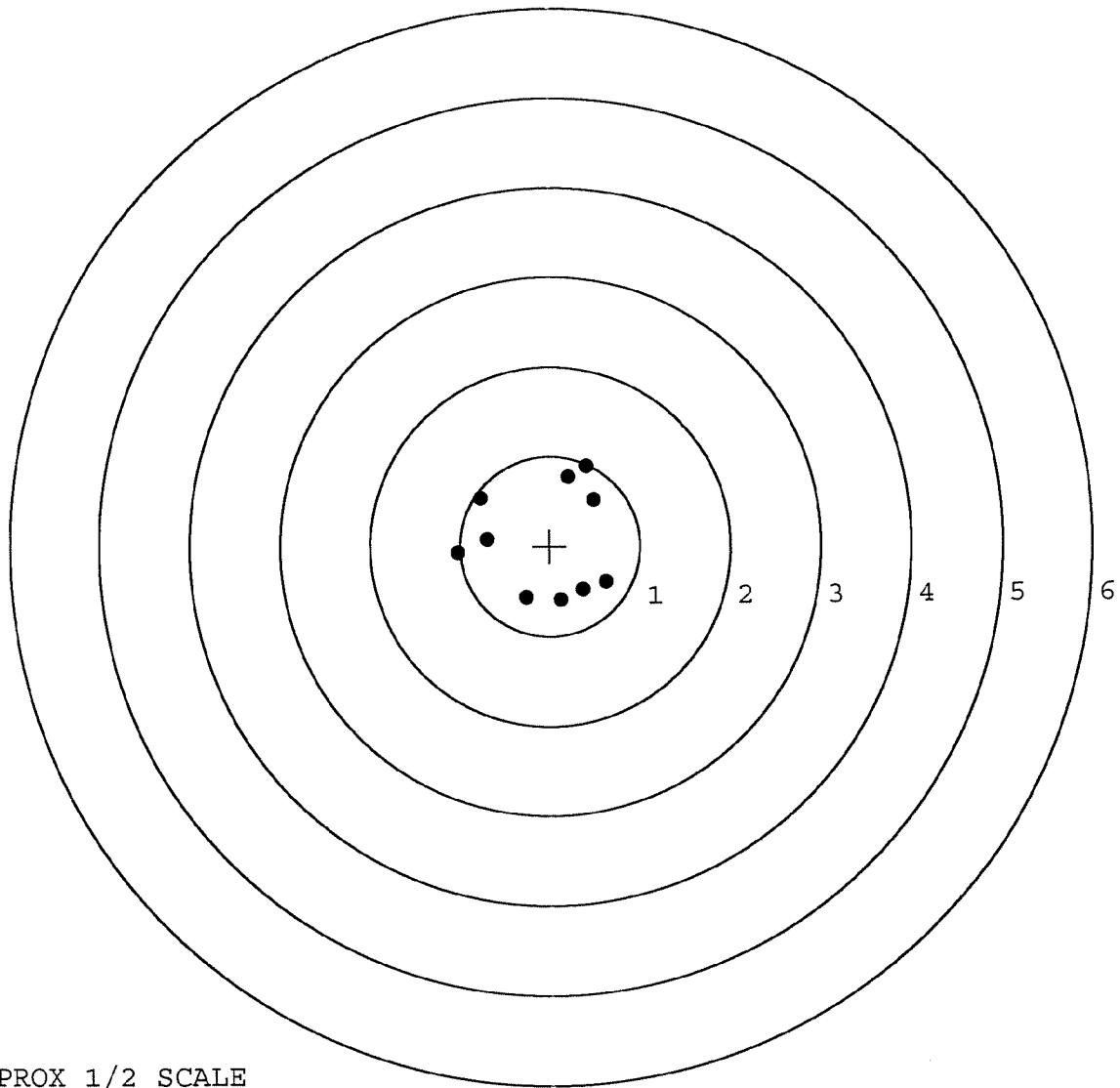
MAX RADIUS: 0.981

MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225305. __0

TARGET NUMBER: 4

FILE DATE: 12/15/2006

FILE TIME: 05:24

POINT#	X	Y
1:	-0.325	0.334
2:	-0.044	0.422
3:	0.019	0.029
4:	0.422	0.328
5:	0.316	0.159
6:	0.079	-0.658
7:	-0.064	-0.490
8:	-0.313	-0.465
9:	-0.343	-0.252
10:	-0.592	-0.322

X CENTROID: -0.085

Y CENTROID: -0.092

POA TO CENTROID: 0.125

HORZ SPREAD: 1.014

VERT SPREAD: 1.080

GROUP SPREAD: 1.204

MIN RADIUS: 0.159

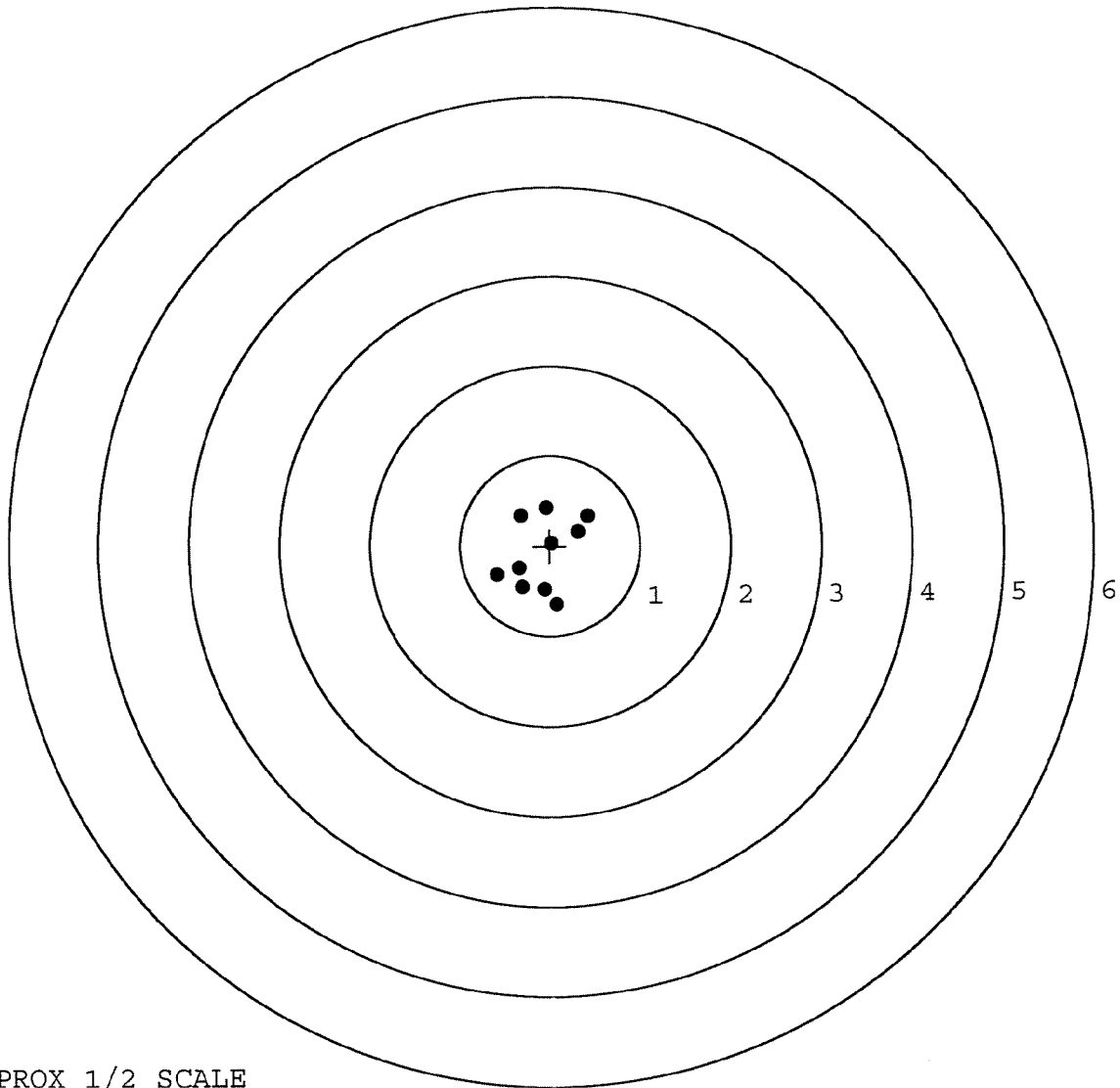
MAX RADIUS: 0.658

MEAN RADIUS: 0.458

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225305. 0

TARGET NUMBER: 5

FILE DATE: 12/15/2006

FILE TIME: 05:24

POINT#	X	Y
1:	0.486	-1.735
2:	-0.183	-0.715
3:	0.229	0.971
4:	0.136	0.375
5:	0.550	-0.028
6:	0.292	0.004
7:	-0.265	0.622
8:	-0.357	0.479
9:	-0.457	0.330
10:	-0.641	0.110

X CENTROID: -0.021

Y CENTROID: 0.041

POA TO CENTROID: 0.046

HORZ SPREAD: 1.191

VERT SPREAD: 2.706

GROUP SPREAD: 2.718

MIN RADIUS: 0.315

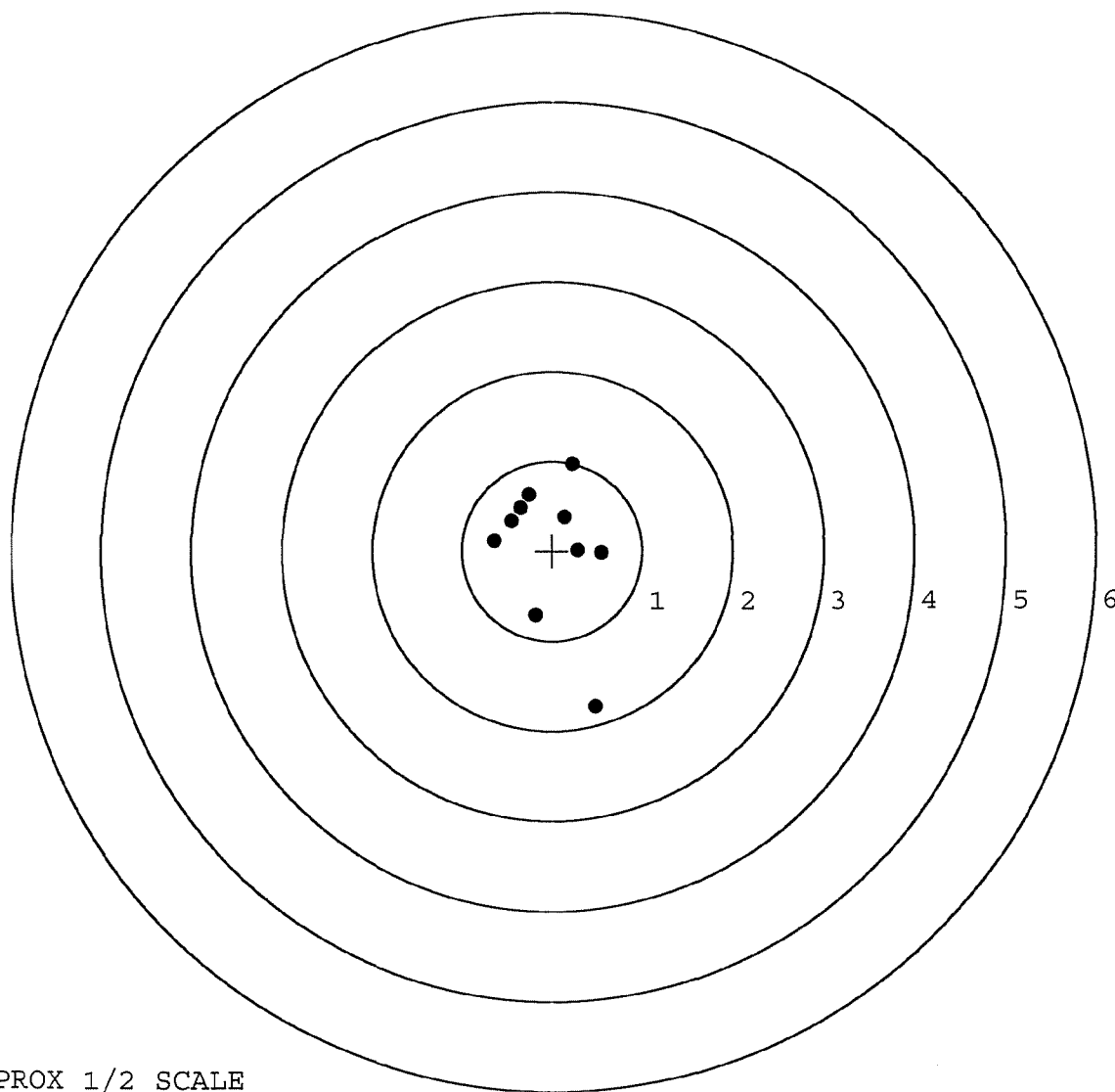
MAX RADIUS: 1.847

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

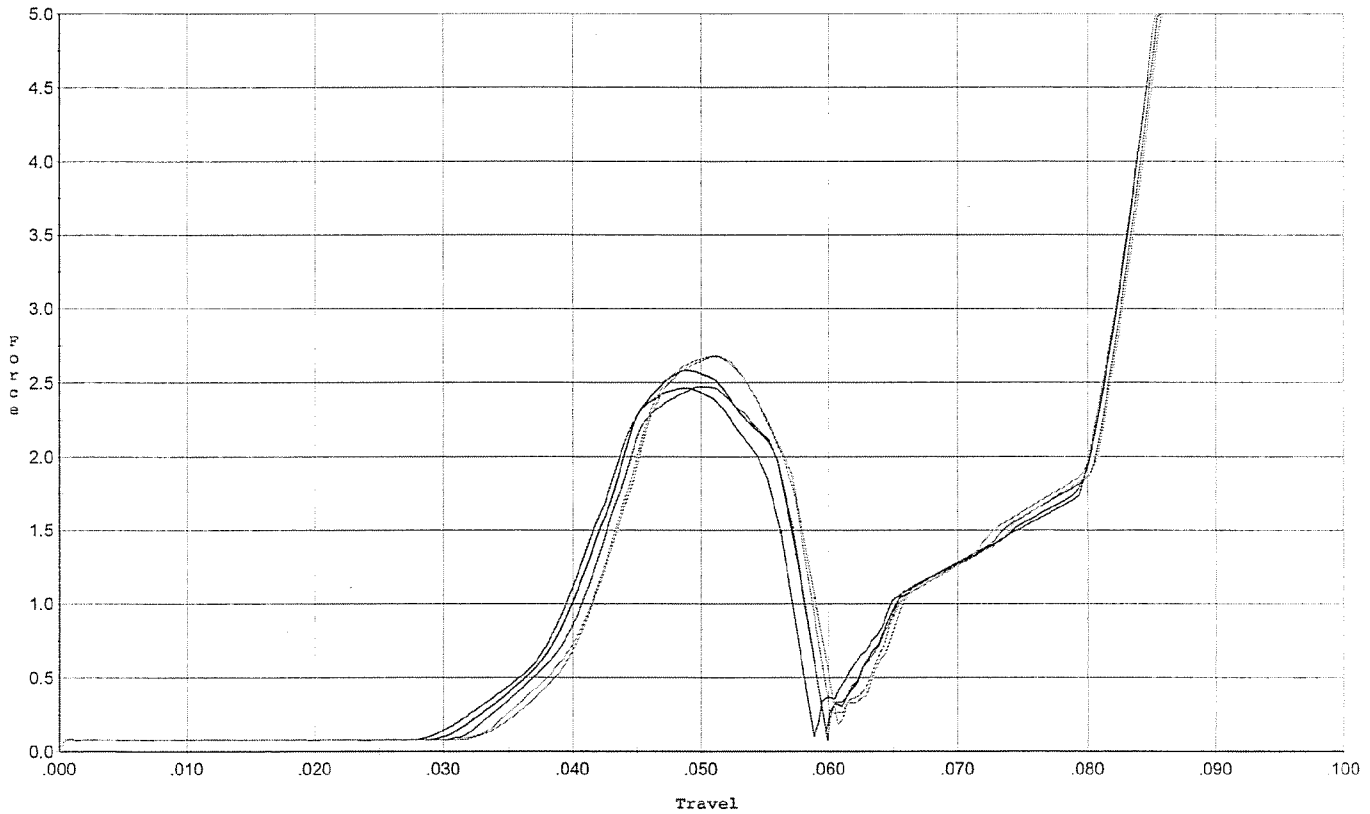


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



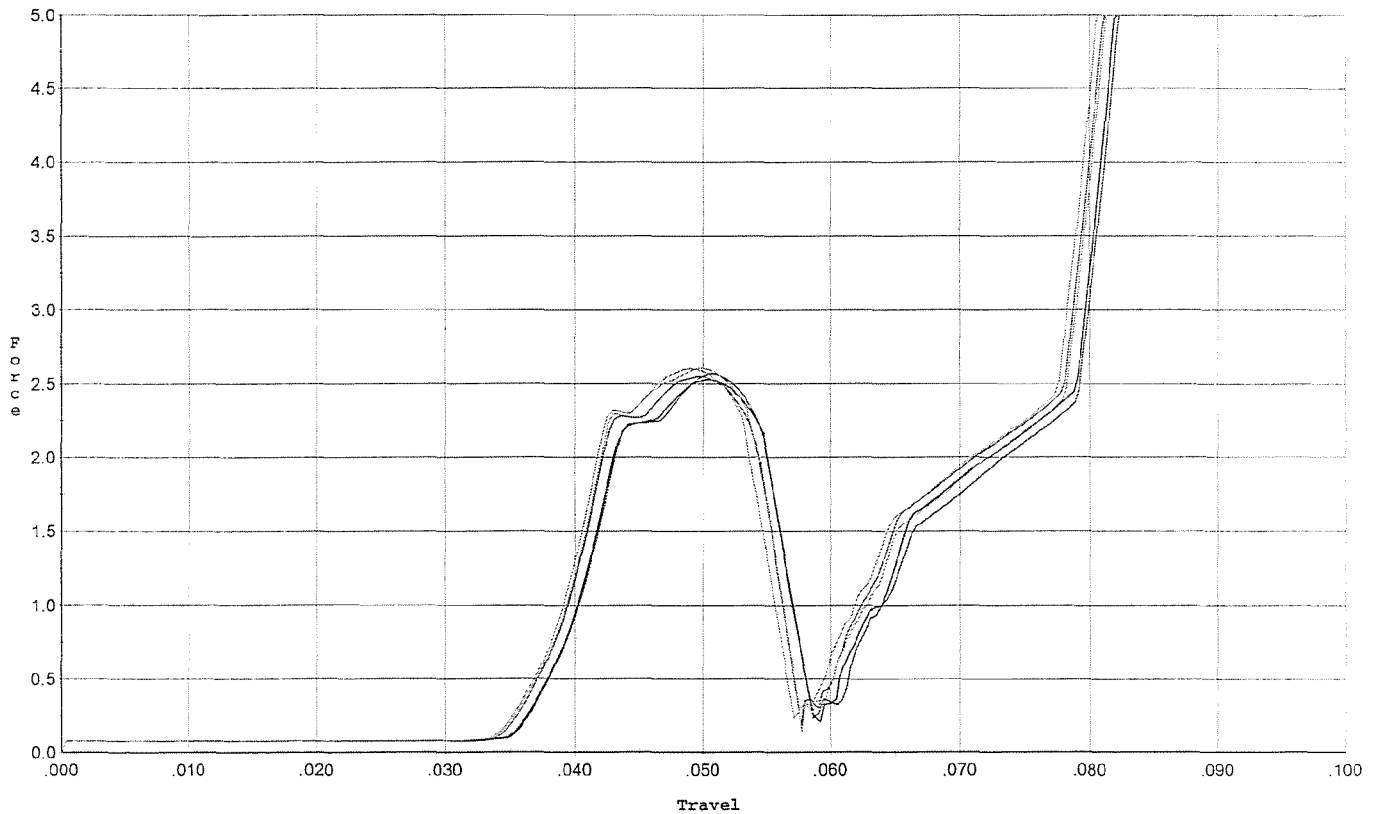
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.465	0.056	0.038	0.037	0.042		Set Trigger
2	2.582	0.057	0.038	0.036	0.044		Set Trigger
3	2.472	0.057	0.039	0.036	0.042		Set Trigger
4	2.680	0.059	0.040	0.036	0.044		Set Trigger
5	2.677	0.057	0.040	0.036	0.042		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



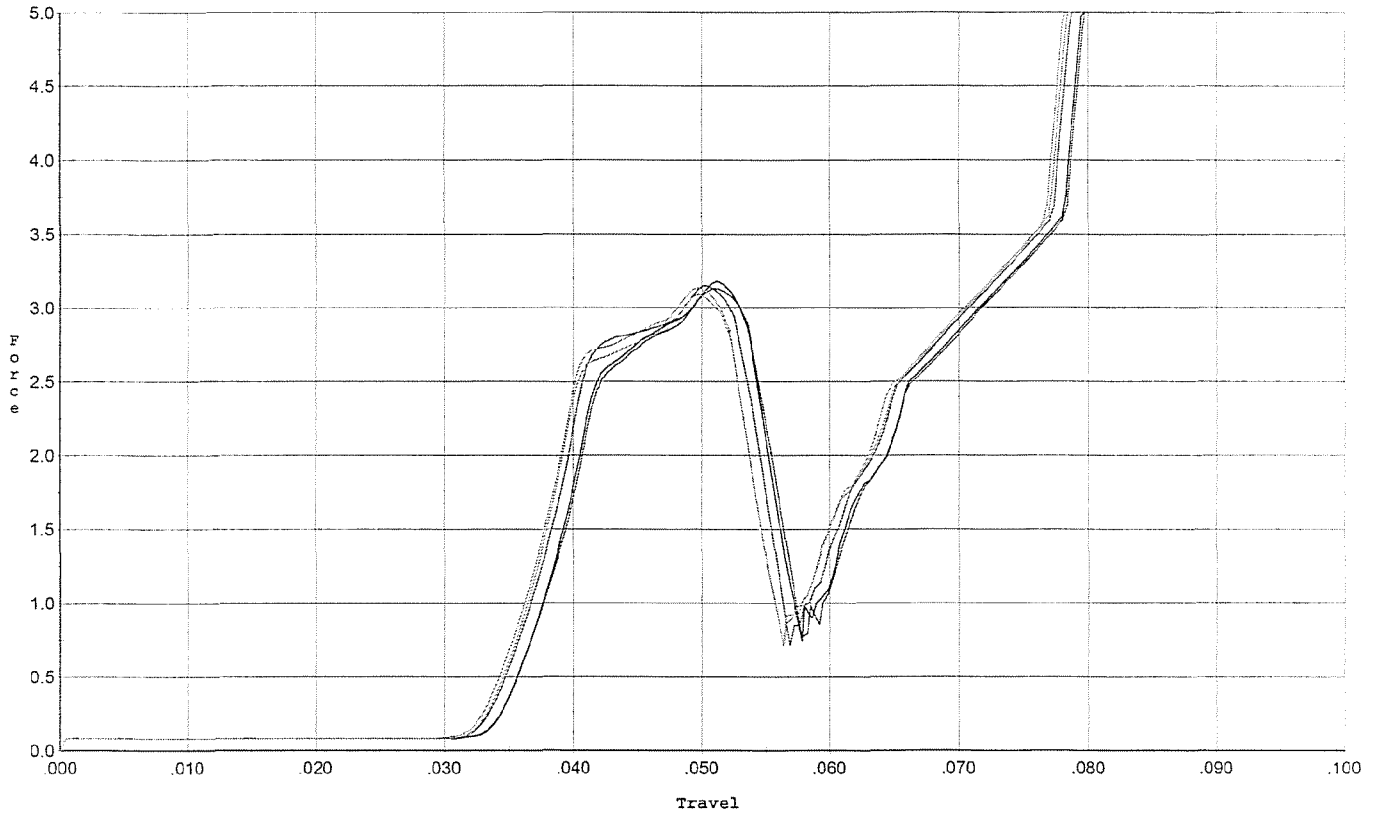
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.572	0.055	0.037	0.034	0.039		Set Trigger
2	2.528	0.055	0.037	0.034	0.039		Set Trigger
3	2.553	0.055	0.036	0.034	0.040		Set Trigger
4	2.607	0.055	0.036	0.034	0.041		Set Trigger
5	2.603	0.055	0.036	0.034	0.040		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/15/06

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



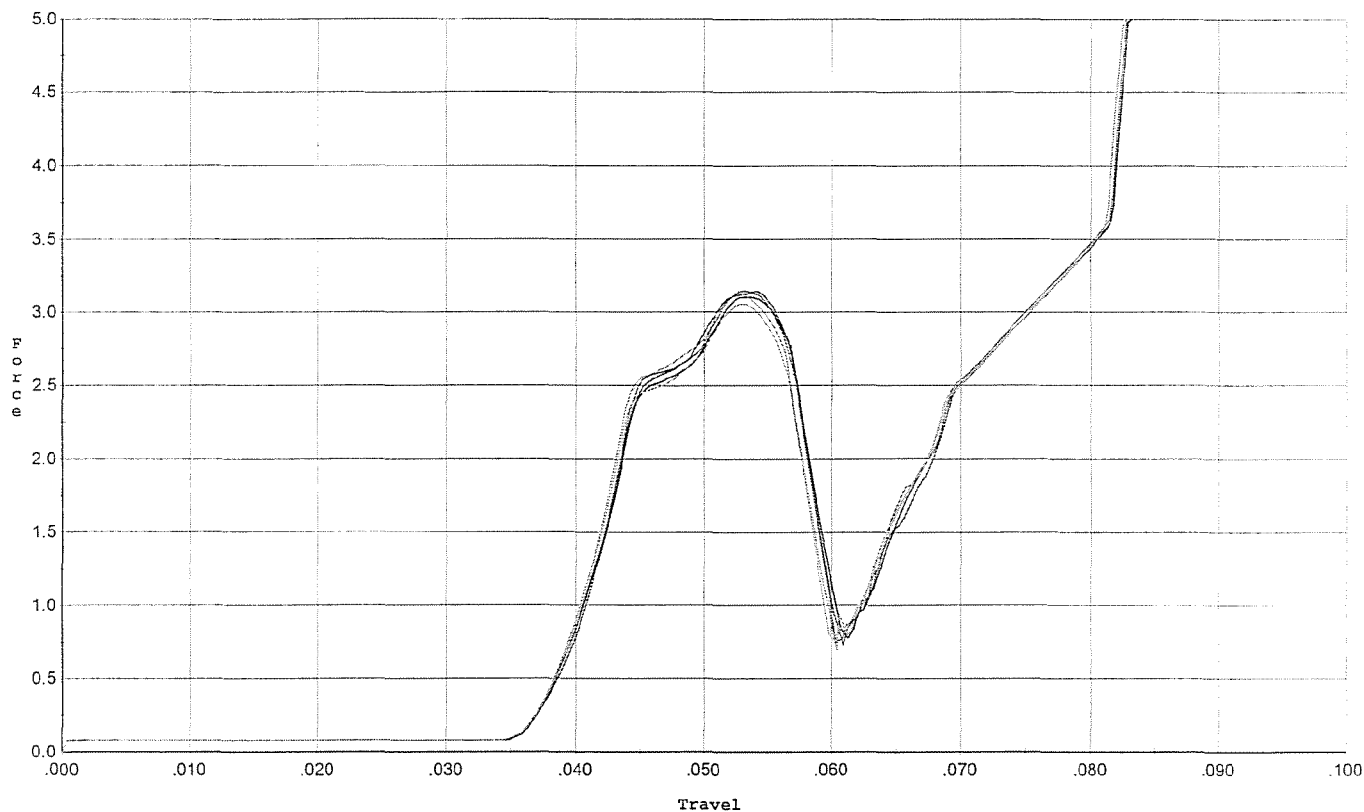
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.130	0.055	0.035	0.031	0.051		Set Trigger
2	3.184	0.054	0.035	0.032	0.049		Set Trigger
3	3.154	0.054	0.034	0.031	0.051		Set Trigger
4	3.093	0.052	0.034	0.032	0.048		Set Trigger
5	3.141	0.052	0.033	0.032	0.049		Set Trigger

Avg 3.14

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/15/06

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



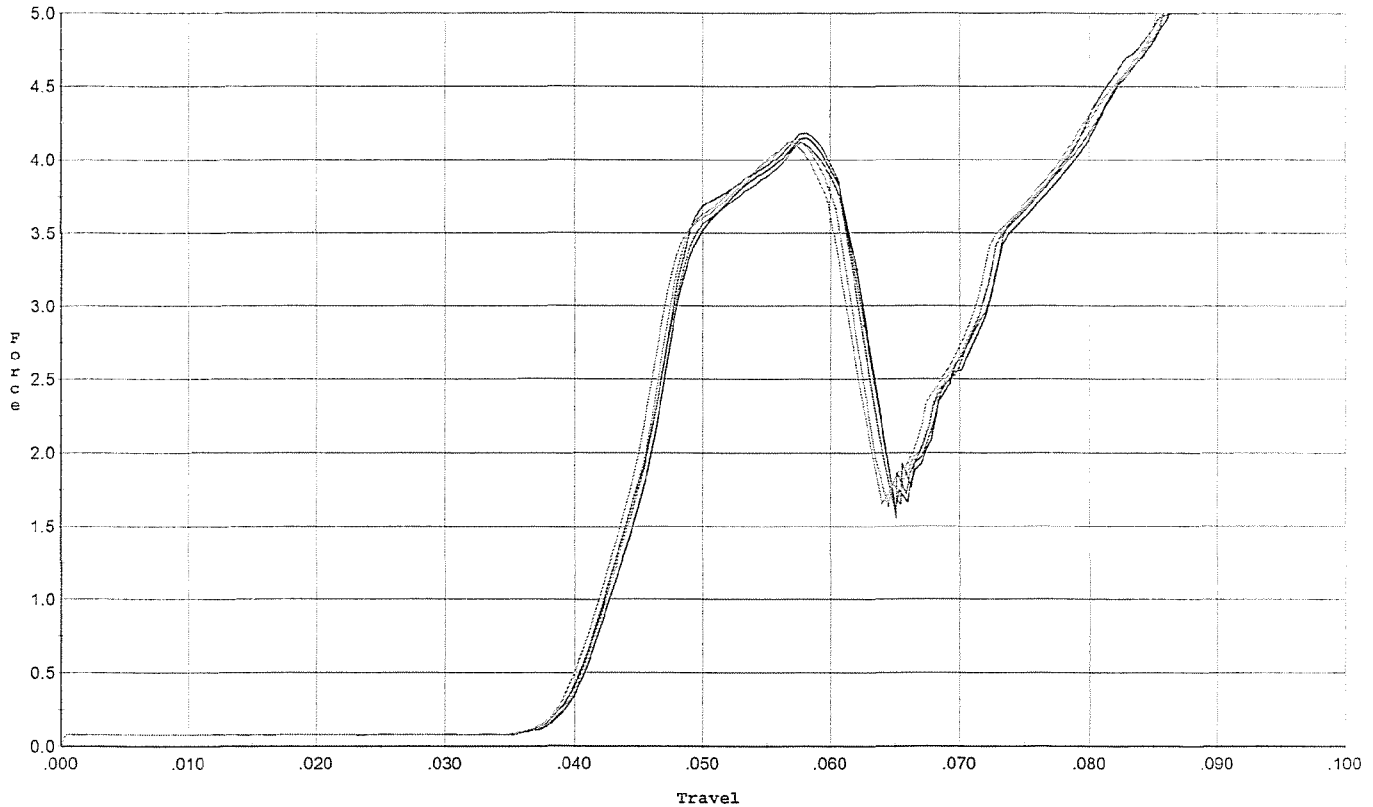
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.143	0.057	0.037	0.032	0.049		Set Trigger
2	3.104	0.057	0.037	0.032	0.049		Set Trigger
3	3.145	0.057	0.038	0.032	0.050		Set Trigger
4	3.056	0.057	0.037	0.032	0.048		Set Trigger
5	3.128	0.056	0.037	0.032	0.049		Set Trigger

Aug 3.11

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/15/06

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



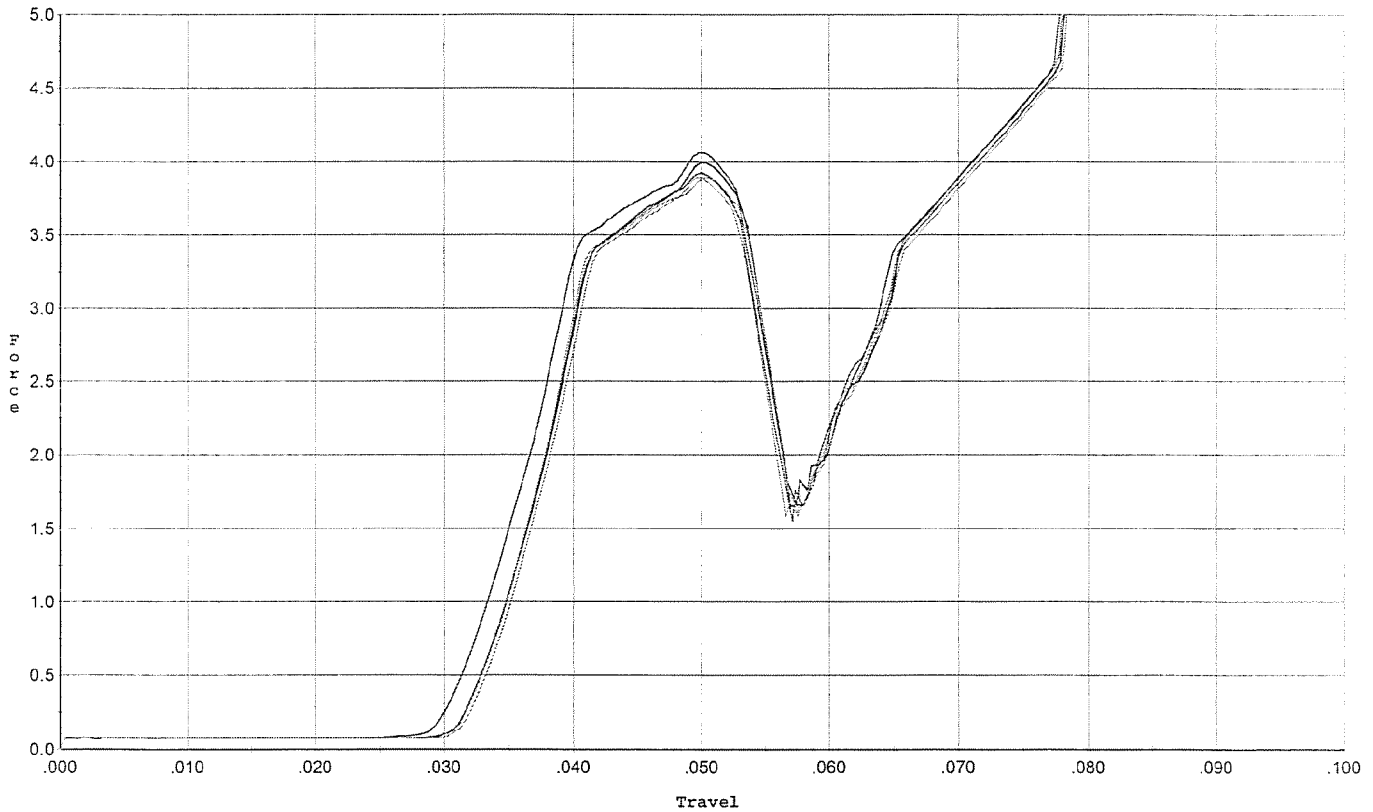
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.181	0.063	0.040	0.029	0.074		Set Trigger
2	4.150	0.062	0.040	0.029	0.071		Set Trigger
3	4.123	0.061	0.040	0.029	0.070		Set Trigger
4	4.140	0.060	0.040	0.030	0.069		Set Trigger
5	4.120	0.060	0.039	0.030	0.068		Set Trigger

Avg 4.14

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



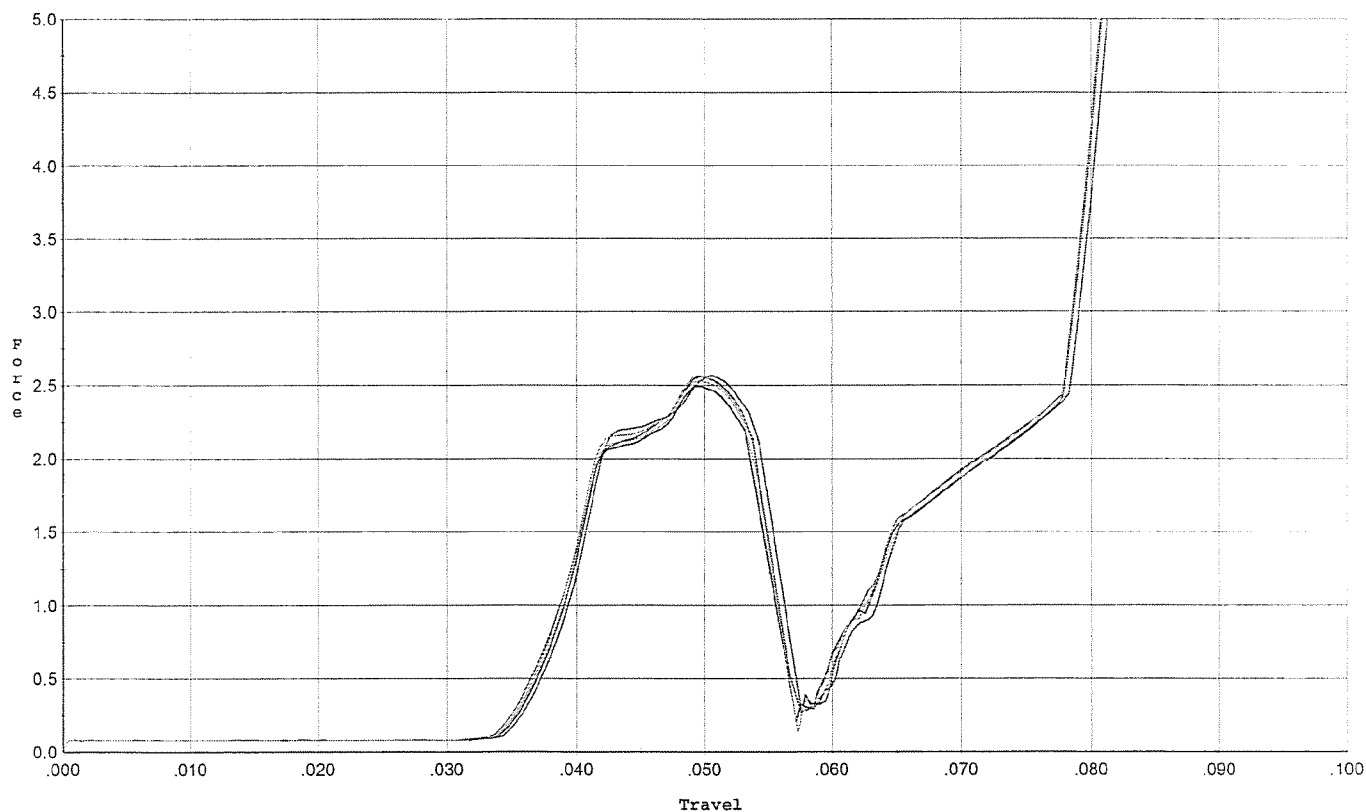
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.060	0.054	0.030	0.029	0.074		Set Trigger
2	3.994	0.054	0.032	0.029	0.068		Set Trigger
3	3.925	0.053	0.032	0.030	0.066		Set Trigger
4	3.888	0.054	0.032	0.029	0.066		Set Trigger
5	3.888	0.053	0.032	0.029	0.066		Set Trigger

Avg 3.95

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



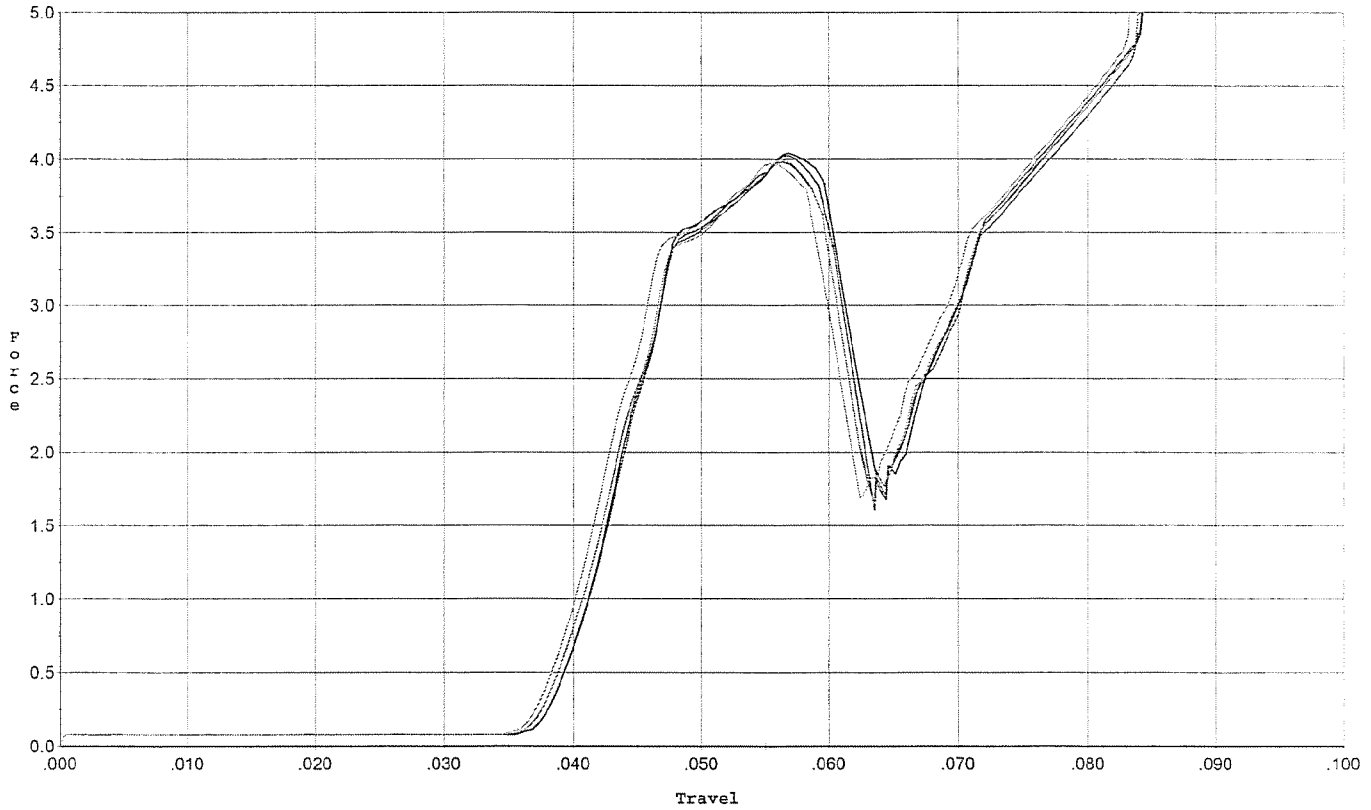
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.566	0.054	0.036	0.034	0.039		Set Trigger
2	2.493	0.055	0.036	0.034	0.039		Set Trigger
3	2.561	0.054	0.036	0.034	0.039		Set Trigger
4	2.529	0.054	0.036	0.034	0.039		Set Trigger
5	2.568	0.055	0.036	0.034	0.040		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 11/15/06

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.026	0.060	0.038	0.029	0.070		Set Trigger
2	4.042	0.060	0.038	0.029	0.070		Set Trigger
3	3.984	0.059	0.038	0.029	0.069		Set Trigger
4	3.998	0.059	0.038	0.029	0.069		Set Trigger
5	3.974	0.060	0.037	0.029	0.070		Set Trigger

Avg 4.00

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	120764		
SERIAL NUMBER	C6225305		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	RTZ
505	RE-BARREL	11-30-06	RTZ
420	ASSEMBLE	12-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED DEC 05 2006	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLC
480	MAGNAFLUX	OPERATOR CIPD	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CW
520	GOFF BLAST BBL / REC	12/5/06	RTZ
530 & 540	APPLY COATINGS	12/7/06	RTZ
560	FINAL ASSEMBLY	12-13-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	TRW
650	TARGET	(PASS) FAIL	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-14-06 DK
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	12-18-06 BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.65 2.63 2.69 2.80 2.79 12-15-06 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5 12-15-06 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.0 2.0 12-15-06 DA
	I) FIRING PIN INDENT	.020	1.022 1.022 1.023 12-15-06 DA
690	PACK		12-19-06 DA

F006 REV 5/2006

BARREL ASSEMBLY

BARREL_____
RECEIVER_____
FRONT SIGHT BASE_____
REAR SIGHT BASE_____
SCREWS_____
FINISH

SCOPE ASSEMBLY

SCOPE_____
SCOPE RINGS_____
MOUNTING SCREWS_____
MOUNTING BASE_____
SCREWS_____
FINISH_____
CLARITY

STOCK ASSEMBLY

STOCK_____
SLING SWIVEL STUDS_____
BUTT PATE_____
LOCK NUTS_____
BARREL CLEARANCE_____
COLOR / FINISH

SYSTEM CASE

SCOPE CASE_____
IRON SIGHTS_____
DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION_____
RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225305

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	88	FB
600	Proof	9 19	88	RW
607	Check Headspace	9 19	88	RW
610	Dis-assemble Gun	9 19	88	RW
612	Magnaflux Barrel Action		9/22/88	pfl.
	Magnaflux Bolt		9/22/88	pfl.
615	Rollmark Caliber		4/26/88	G-S
617	Drill and Tap Sight Holes		10/12/88	FB
618	Polish Barrel		10/12/88	IST
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/10/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/15/88	RW
	C) Inspect Ejector Hole for Chamfer		11/15/88	RW
	D) Oil Firing Pin Ass'y		11/15/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/15/88	RW

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	6	5	5			17 Nov 88	JS
	G) Safety Off Force	4	4	3			17 Nov 88	JS
	H) Trigger Pull Test & Retainability						16 Nov 88	JS
	I) Firing Pin Indent	.020	.021	.021			17 Nov 88	JS
	J) Assemble Stock						11/17/88	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						11/10/89	RW
	M) Iron Sight Alignment						11/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/10/89	RW
	O) Attach Scope to Rifle						16 Jan 89	JS
	P) Detach & Attach Scope 20 Times						16 Jan 89	JS
640	Gallery Target & Test	69 d	82L				1-20-89	AC
	A) Time							AC
	B) Malfunctions				NONE		1-20-89	AC
	C) Pierced Primers				NONE		1-20-89	AC
	D) Optical Clarity of Scope				OK		1-20-89	AC
645	Inspect for Live Ammo				NONE		1-20-89	AC
655	Final Inspection							
	A) Headspace						27 Jan 89	JS
	B) Trigger Pull	2.30	2.23	2.18	2.13	2.18	27 Jan 89	JS
	C) Function						27 Jan 89	JS
660	Pack						27 Jan 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5305

DATE 4-3-90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.51		2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.51		2.52	
PULL #3	2.45	2.52		2.51	
PULL #4	2.51	2.47		2.44	
PULL #5	2.44	2.49		2.42	
TOTAL	12.27	12.50		12.33	
AVG.	2.454	2.5		2.466	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.39		
PULL #2	3.33	3.41		
PULL #3	3.36	3.40		
PULL #4	3.42	3.38		
PULL #5	3.40	3.43		
TOTAL	16.91	17.01		
AVG.	3.382	3.402		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.52	4.54		
PULL #2	4.50	4.54		
PULL #3	4.38	4.55		
PULL #4	4.50	4.47		
PULL #5	4.50	4.42		
TOTAL	22.40	22.52		
AVG.	4.48	4.504		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225305
26 Jan 1989

CENTROIDAL DISTANCES

0 TO	1	.580822
1 TO	2	.38132
1 TO	3	.776902
1 TO	4	.539001
1 TO	5	.820773

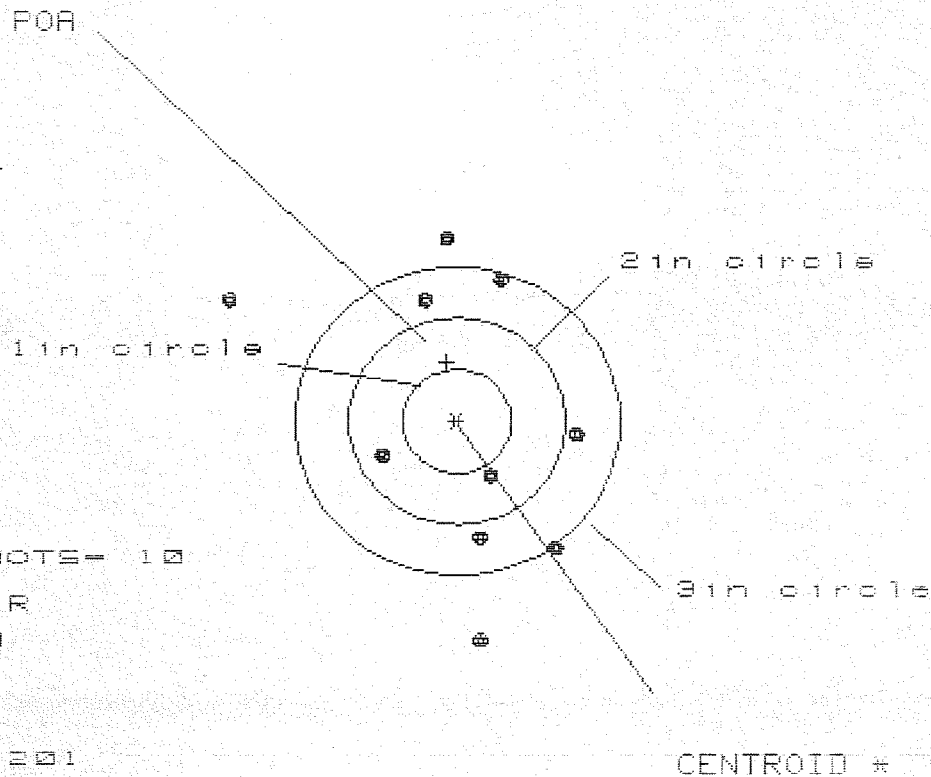
+ 5 (----POA
1 3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5412
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4364
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .695228
THE AMR FOR THIS RIFLE IS: .969

23 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225385

CENTERFIRE PATTERNS # 1

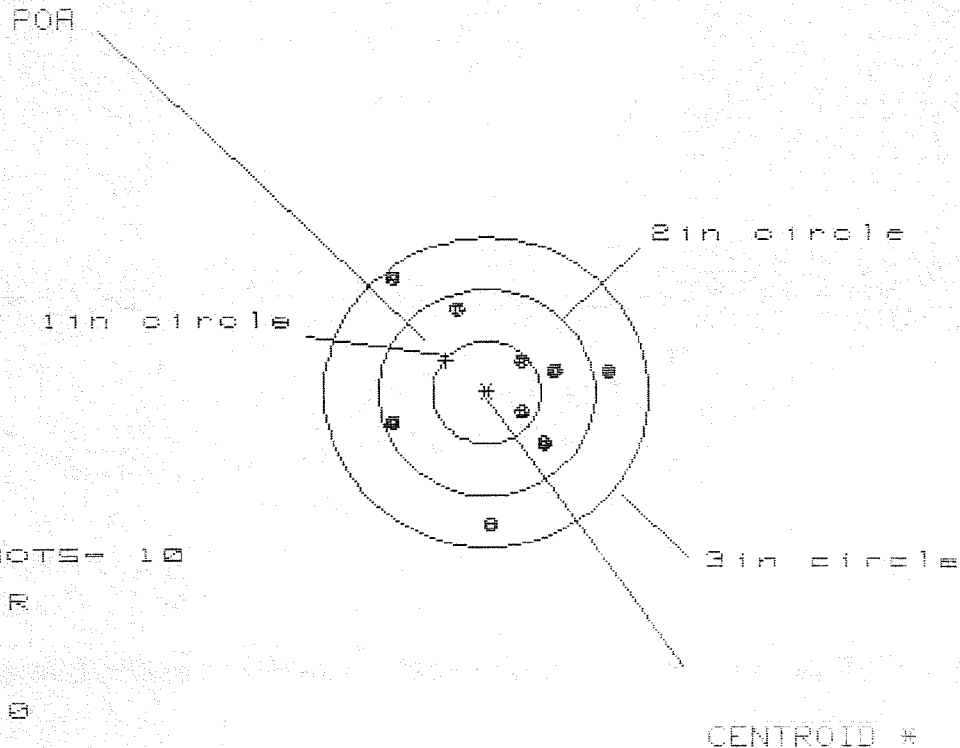


PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.093	.859	.860
MINIMUM X	-2.108	-.976	-.975
MAXIMUM Y	1.727	1.860	1.613
MINIMUM Y	-2.109	-1.976	-1.341
CENTROID X	.095	.329	.328
CENTROID Y	-.573	-.706	-.459
POA TO CENTROID in.	.581	.779	.564
MIN RADIUS	.565	.362	.608
MEAN RADIUS	1.402	1.247	1.168
MAX RADIUS	2.423	1.976	1.644
HORIZONTAL SPREAD	3.201	1.835	1.835
VERTICAL SPREAD	3.836	3.836	2.954
EXTREME SPREAD	4.053	3.849	3.124
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

23 Jan 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225305

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.943

VS= 2.374

GS= 2.518

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.078	.986	.976
MINIMUM X	-.865	-.957	-.967
MAXIMUM Y	1.074	.916	.768
MINIMUM Y	-1.300	-1.181	-.487
CENTROID X	.373	.465	.475
CENTROID Y	-.312	-.431	-.283
POA TO CENTROID in.	.486	.634	.553
MIN RADIUS	.412	.277	.348
MEAN RADIUS	.860	.784	.721
MAX RADIUS	1.356	1.184	1.020
HORIZONTAL SPREAD	1.943	1.943	1.943
VERTICAL SPREAD	2.374	2.097	1.255
EXTREME SPREAD	2.518	2.121	1.997
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

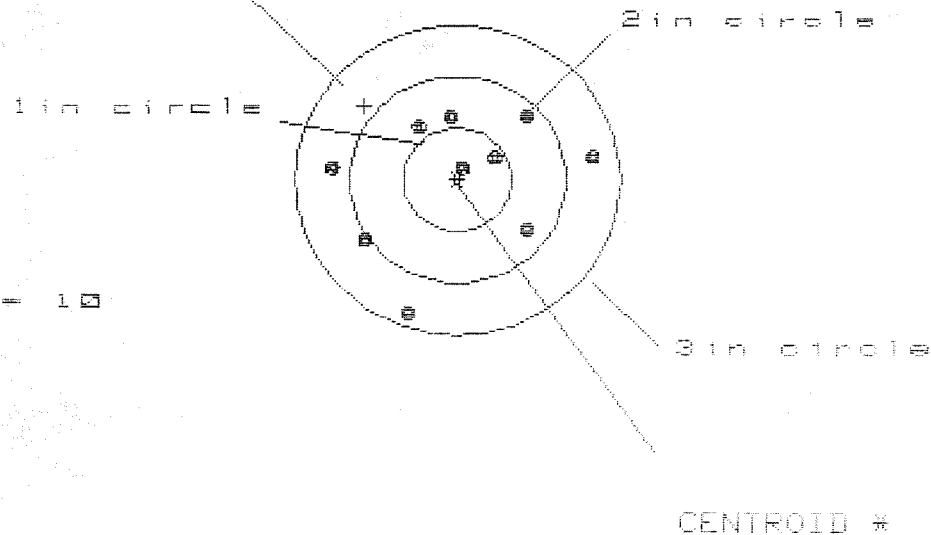
23 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225305

CENTERFIRE PATTERNS

3

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.441

VS = 1.974

GS = 2.441

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.279	1.233	.740
MINIMUM X	:	-1.162	-1.208	-1.054
MAXIMUM Y	:	.647	.499	.502
MINIMUM Y	:	-1.327	-.762	-.759
CENTROID X	:	.859	.905	.751
CENTROID Y	:	-.714	-.566	-.569
POA TO CENTROID in.	:	1.117	1.068	.942
MIN RADIUS	:	.157	.038	.118
MEAN RADIUS	:	.849	.745	.696
MAX RADIUS	:	1.390	1.233	1.090
HORIZONTAL SPREAD	:	2.441	2.441	1.794
VERTICAL SPREAD	:	1.974	1.261	1.261
EXTREME SPREAD	:	2.441	2.441	1.957
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225305

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 3.015

VS = 1.790

GS = 3.191

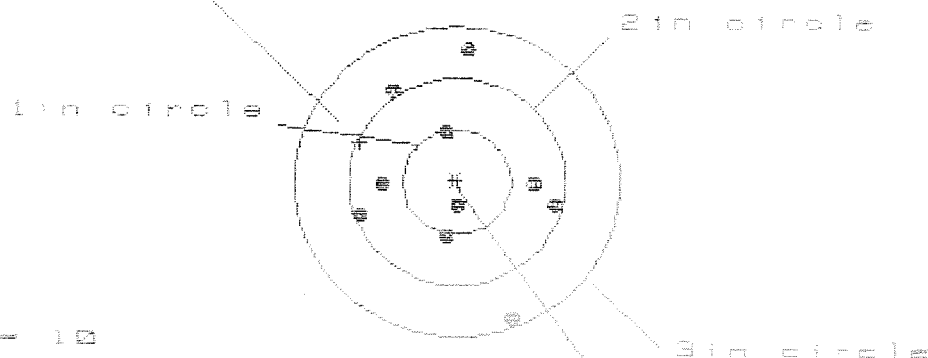
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.644	.941	.883
MINIMUM X	-1.371	-1.188	-1.326
MAXIMUM Y	.747	.773	.646
MINIMUM Y	-1.043	-1.017	-1.789
CENTROID X	.486	.303	.441
CENTROID Y	-.202	-.228	-.101
POA TO CENTROID in.	.526	.379	.452
MIN RADIUS	.347	.364	.236
MEAN RADIUS	.914	.837	.702
MAX RADIUS	1.660	1.498	1.342
HORIZONTAL SPREAD	3.015	2.129	2.129
VERTICAL SPREAD	1.790	1.790	1.435
EXTREME SPREAD	3.191	2.254	2.130
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225385

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.759

VS= 2.586

GS= 2.617

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.891	.952	.978
MINIMUM X	-.868	-.807	-.781
MAXIMUM Y	1.291	1.147	.865
MINIMUM Y	-1.295	-.699	-.556
CENTROID X	.893	.832	.806
CENTROID Y	-.381	-.237	-.380
POA TO CENTROID in.	.970	.865	.891
MIN RADIUS	.191	.328	.223
MEAN RADIUS	.820	.756	.694
MAX RADIUS	1.405	1.165	1.015
HORIZONTAL SPREAD	1.759	1.759	1.759
VERTICAL SPREAD	2.586	1.846	1.421
EXTREME SPREAD	2.617	1.873	1.859
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

BARBER M24 0012398 REPORT

COMMENTS

ORDER
R 97-09522

INITIAL CUSTOMER ORDER NO.

JJM

012060

WOG 14 OF 19
M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

05/14/97

05/14/97

DI 9-88

C6225305

700

7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGGNC
28307

CUST NO: 162915 C.O.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel Assy
Bolt96001
96005Re powder Coat Trigger Guard
Assy Front & Rear Sight Bases
ReZinc Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RW
KT

5-16-99

7-11-97

7-17-97

7-17-97

OFFICE COPY

RD5925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0012398 12437

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225305

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-16-97	AF
605	CHECK HEADSPACE	5-16-97	AF
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	7-11-97	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	7/17/97	KF
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sni: C6235305

DATE REC'D: 5-14-97

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

BARBER - M24 0012401

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225305
17 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2356
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.2556
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.27751

THE AMR FOR THIS RIFLE IS: 1.308

CENTROIDAL DISTANCES

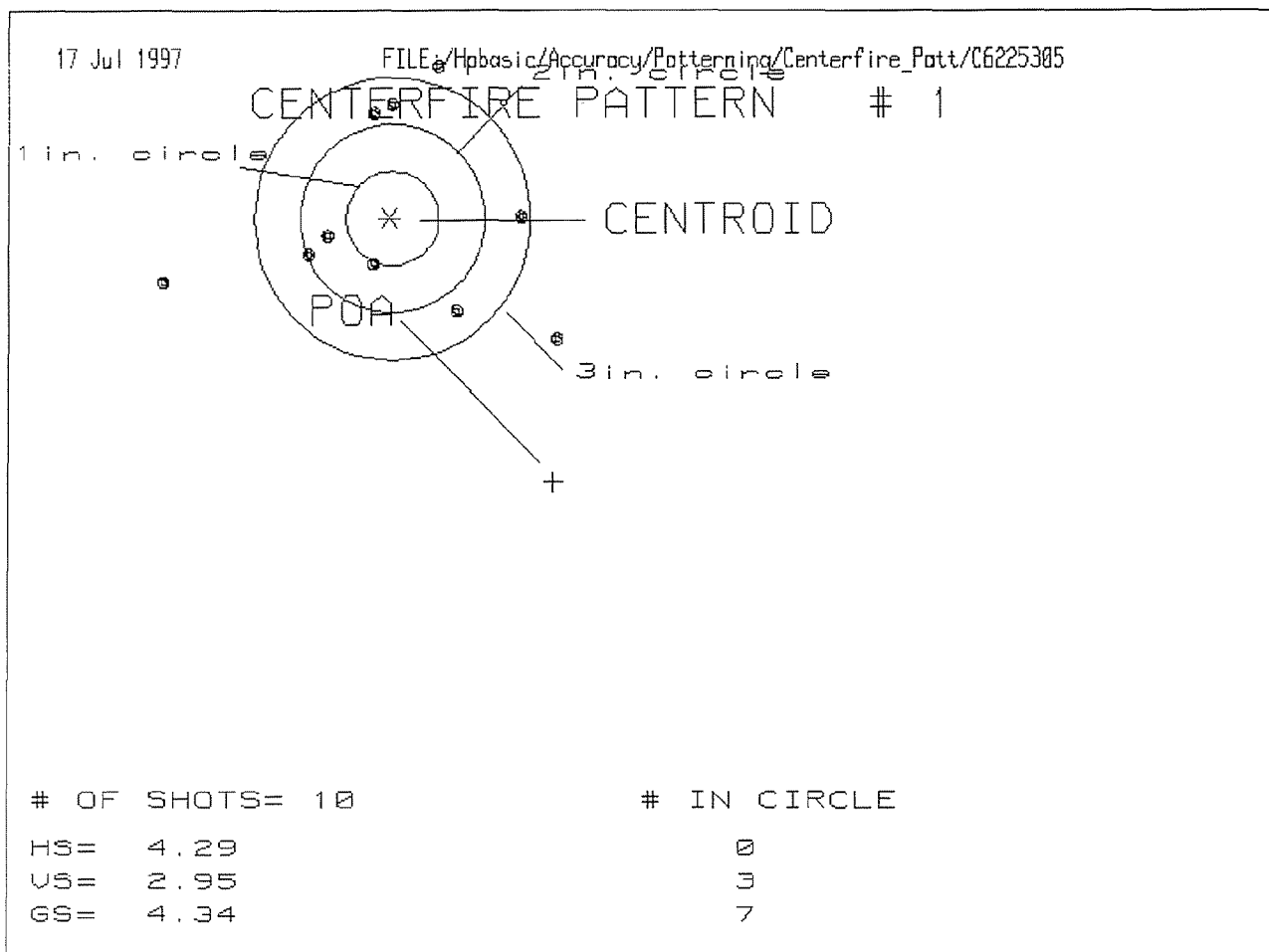
0	TO	1	3.30969
1	TO	2	2.69262
1	TO	3	2.20439
1	TO	4	2.70798
1	TO	5	3.62175

1
4
3
2
+ 5 <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: 3.310
 MIN RADIUS : .567
 MEAN RADIUS : 1.371
 MAX RADIUS : 2.539
 CENTROID X : -1.796
 CENTROID Y : 2.780



REMINGTON CENTERFIRE ACCURACY TEST

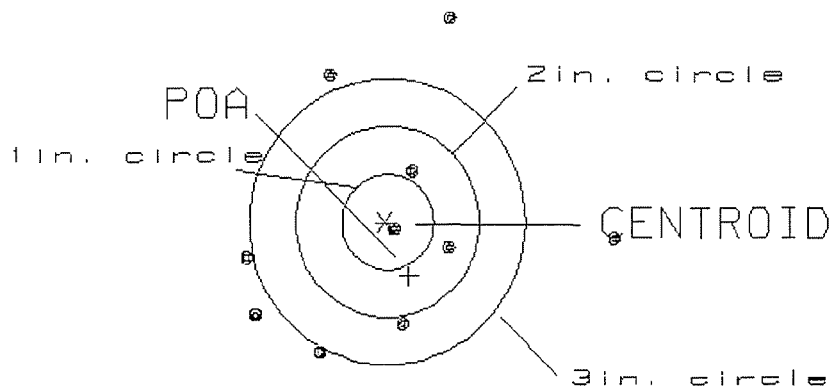
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .624
 MIN RADIUS : .094
 MEAN RADIUS : 1.378
 MAX RADIUS : 2.448
 CENTROID X : -.265
 CENTROID Y : .565

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225385

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.96

1

VS= 3.54

3

GS= 3.99

4

REMINGTON CENTERFIRE ACCURACY TEST

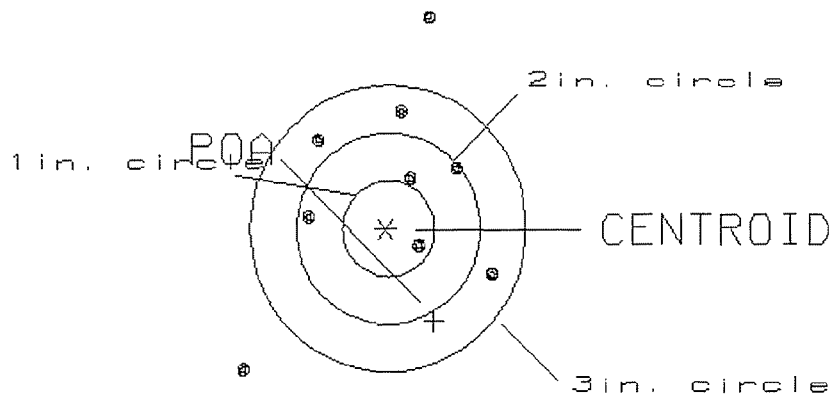
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: 1.110
 MIN RADIUS : .355
 MEAN RADIUS : 1.416
 MAX RADIUS : 3.446
 CENTROID X : -.532
 CENTROID Y : .974

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225305

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.64

1

VS= 5.64

4

GS= 5.64

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

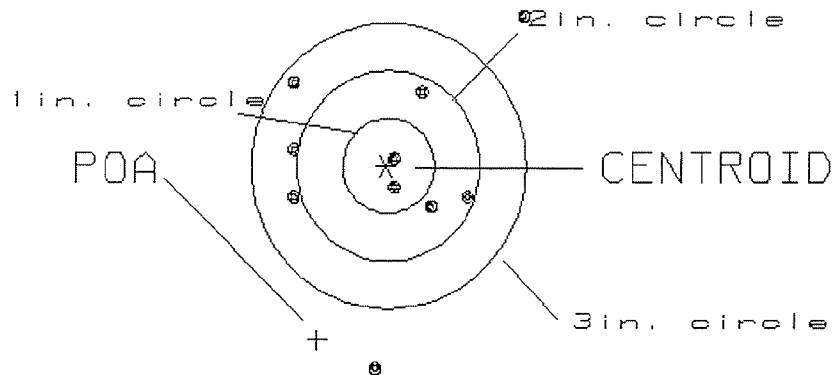
PATTERN #: 4

POA TO CENTROID: 1.968
 MIN RADIUS : .124
 MEAN RADIUS : 1.058
 MAX RADIUS : 2.178
 CENTROID X : .738
 CENTROID Y : 1.825

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225385

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.52

2

VS= 3.76

5

GS= 4.11

8

REMINGTON CENTERFIRE ACCURACY TEST

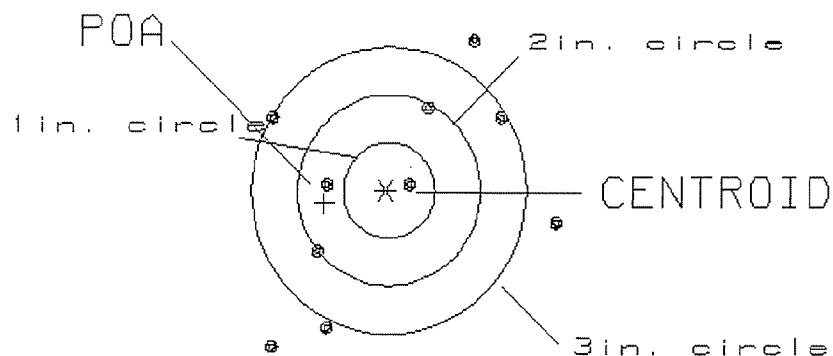
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .690
 MIN RADIUS : .289
 MEAN RADIUS : 1.315
 MAX RADIUS : 2.074
 CENTROID X : .677
 CENTROID Y : .134

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225305

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.09
 VS= 3.16
 GS= 3.85

1
 4
 5