

C6348952

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00141340

Serial: C6348950 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 2/7/2008 8:33:45 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: HQ US ARMY AIR DEFENSE ARTILLERY CEN

HQ US ARMY AIR DEFENSE ARTILLERY CEN

Address 2: ATTN: ATZCHSL -TM BLDG

PO Box:

ATTN: ATZCHSL -TM BLDG

PO Box:

City: FORT BLISS

FORT BLISS

State: TX

Zip Code: 79916

Country: US

State: TX

Zip Code: 79916

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/7/2008

4:17 PM

NUM

Serial Number: C6348950

Model: M24 SWS



RE00141340

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348950.___0
FILE DATE AND TIME: 04/04/2008 09:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	0.163
The Average Point of Impact of the Five Target Set:	0.165
The Average Mean Radius of the Five Target Set:	0.852
The Distance from POA to Centroid Target #1:	0.337
The Distance from Centroid Target #2 to Centroid Target #1:	0.602
The Distance from Centroid Target #3 to Centroid Target #1:	0.182
The Distance from Centroid Target #4 to Centroid Target #1:	0.120
The Distance from Centroid Target #5 to Centroid Target #1:	0.402

BARBER - M24 0042357

SERIAL NUMBER: C6348950. __0

TARGET NUMBER: 1

FILE DATE: 04/04/2008

FILE TIME: 09:56

X CENTROID: 0.158

Y CENTROID: 0.297

POA TO CENTROID: 0.337

HORZ SPREAD: 1.688

VERT SPREAD: 3.802

GROUP SPREAD: 3.843

MIN RADIUS: 0.321

MAX RADIUS: 2.392

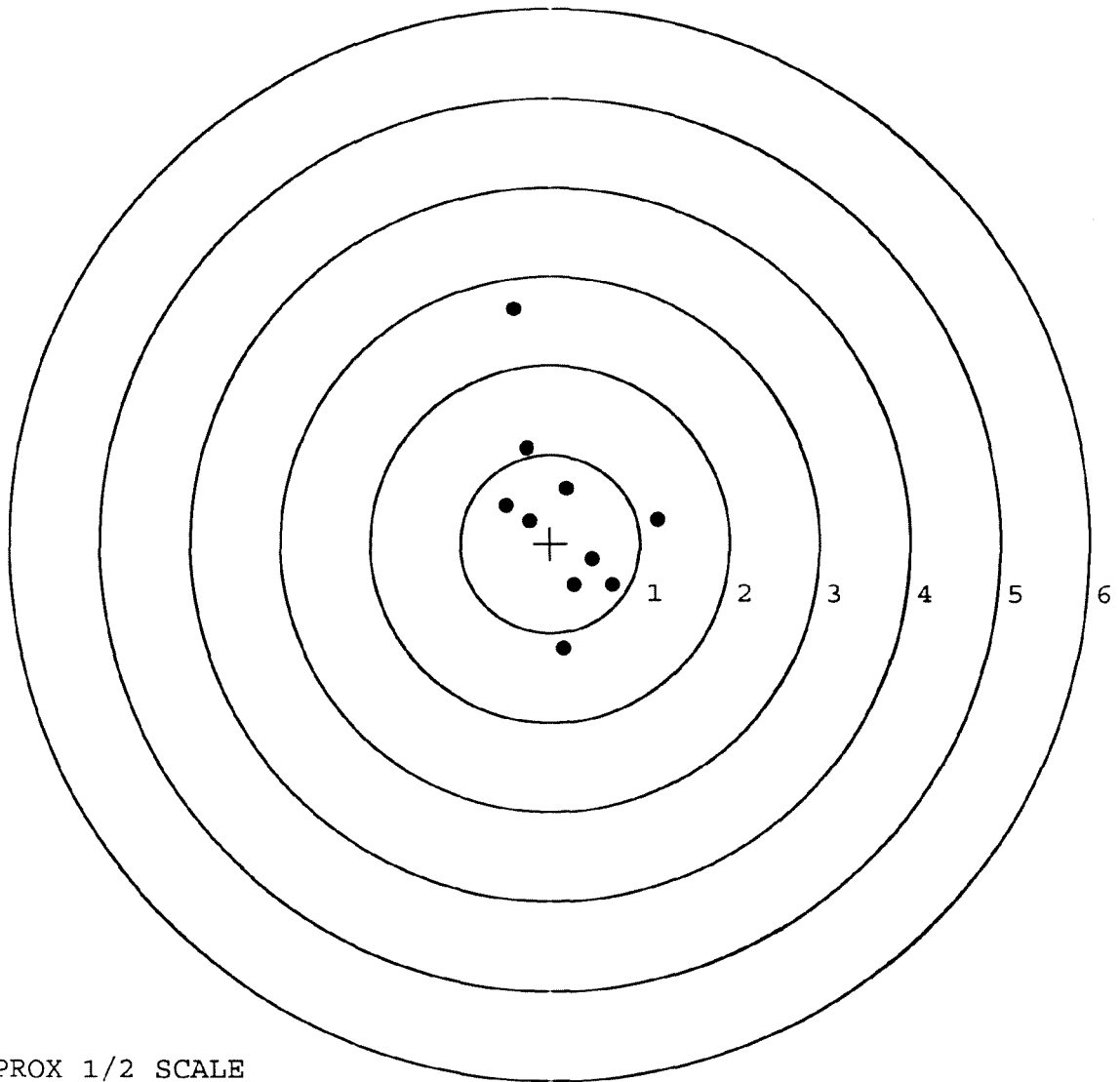
MEAN RADIUS: 0.943

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.408	2.621
2:	-0.265	1.068
3:	0.186	0.617
4:	-0.489	0.424
5:	-0.231	0.251
6:	1.199	0.273
7:	0.471	-0.177
8:	0.699	-0.463
9:	0.268	-0.462
10:	0.150	-1.181



TARGET APPROX 1/2 SCALE

BARBER - M24 0042358

SERIAL NUMBER: C6348950. __0

TARGET NUMBER: 2

FILE DATE: 04/04/2008

FILE TIME: 09:56

POINT#	X	Y
1:	1.309	0.613
2:	0.242	0.130
3:	-0.300	0.418
4:	-0.755	0.137
5:	-0.902	0.917
6:	-0.360	-0.175
7:	-0.720	-0.352
8:	-0.785	-0.529
9:	-1.269	-0.501
10:	-0.519	0.203

X CENTROID: -0.406

Y CENTROID: 0.086

POA TO CENTROID: 0.415

HORZ SPREAD: 2.578

VERT SPREAD: 1.446

GROUP SPREAD: 2.808

MIN RADIUS: 0.163

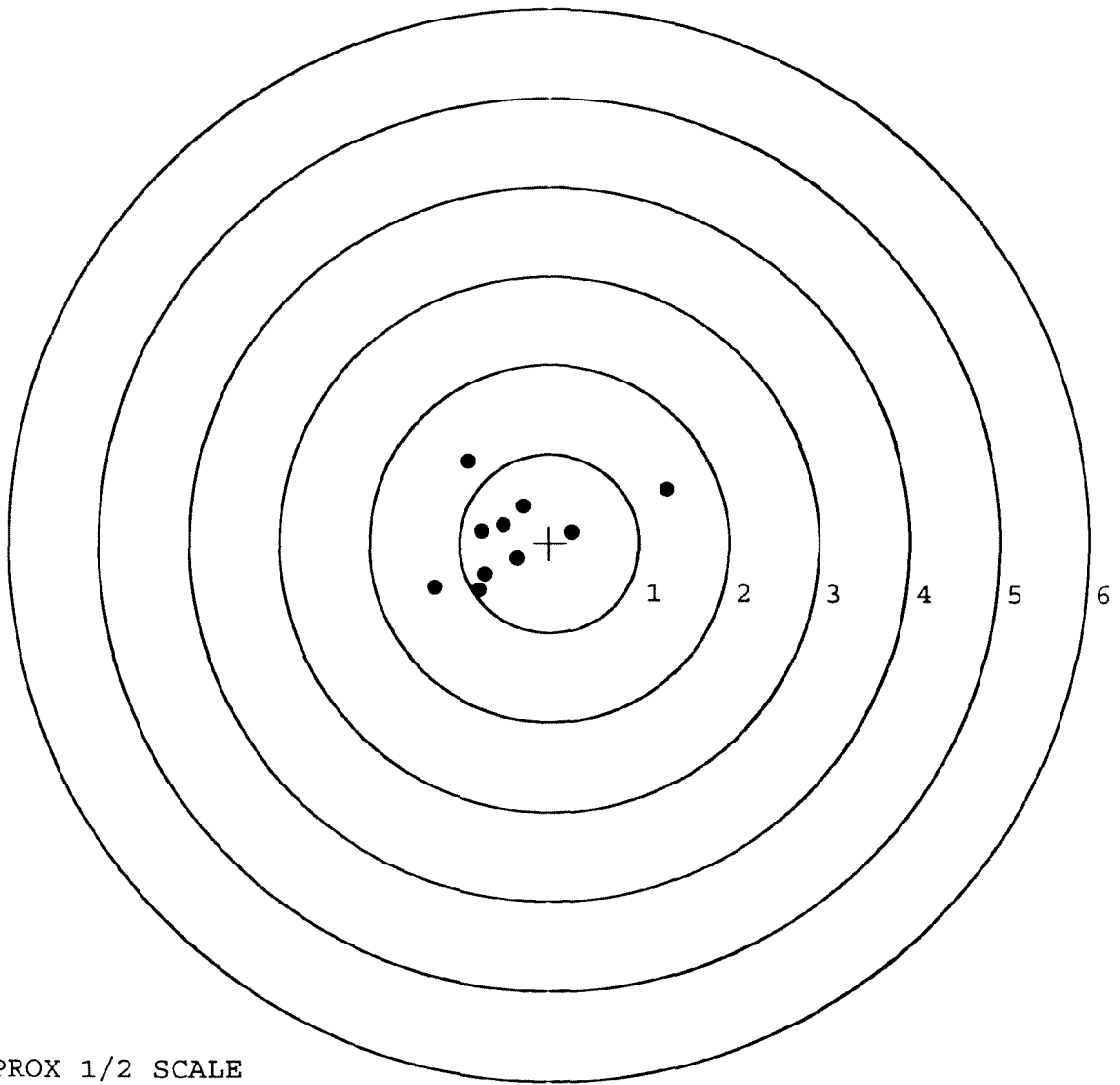
MAX RADIUS: 1.794

MEAN RADIUS: 0.685

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0042359

SERIAL NUMBER: C6348950. __0

TARGET NUMBER: 3

FILE DATE: 04/04/2008

FILE TIME: 09:56

POINT#	X	Y
--------	---	---

1:	-0.265	1.080
----	--------	-------

2:	0.093	0.861
----	-------	-------

3:	-0.032	0.580
----	--------	-------

4:	-0.150	0.272
----	--------	-------

5:	-0.372	0.167
----	--------	-------

6:	0.237	0.221
----	-------	-------

7:	0.819	-0.056
----	-------	--------

8:	0.618	-0.914
----	-------	--------

9:	-1.130	0.493
----	--------	-------

10:	-0.057	0.264
-----	--------	-------

X CENTROID: -0.024

Y CENTROID: 0.297

POA TO CENTROID: 0.298

HORZ SPREAD: 1.949

VERT SPREAD: 1.994

GROUP SPREAD: 2.244

MIN RADIUS: 0.047

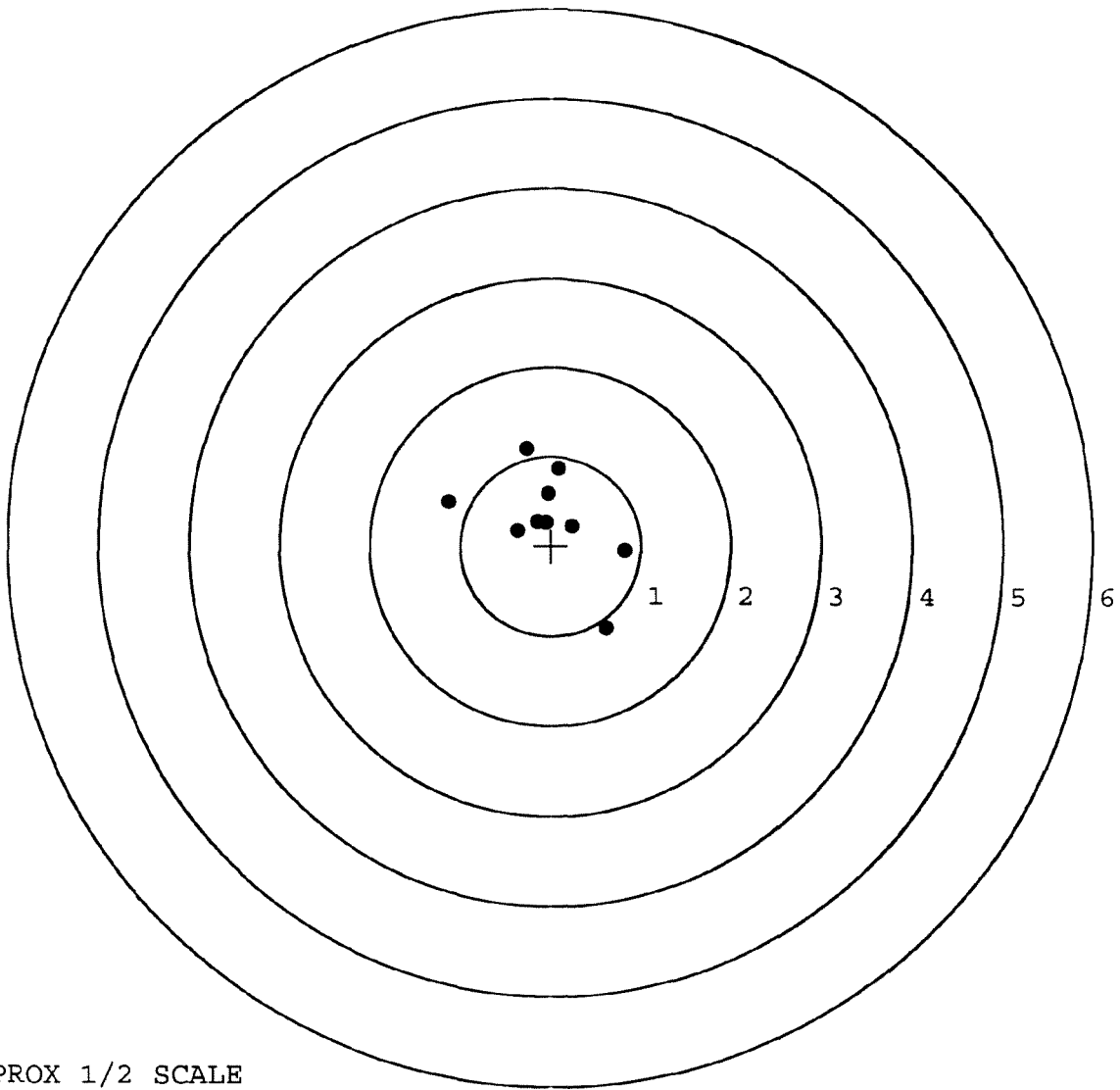
MAX RADIUS: 1.370

MEAN RADIUS: 0.590

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0042360

SERIAL NUMBER: C6348950. __0

TARGET NUMBER: 4

FILE DATE: 04/04/2008

FILE TIME: 09:56

POINT#	X	Y
1:	-0.476	0.813
2:	-0.009	0.850
3:	0.303	1.025
4:	0.686	0.802
5:	0.284	0.429
6:	0.750	0.330
7:	0.536	0.015
8:	0.730	-0.800
9:	-0.958	0.064
10:	0.078	-1.710

X CENTROID: 0.192

Y CENTROID: 0.182

POA TO CENTROID: 0.265

HORZ SPREAD: 1.708

VERT SPREAD: 2.735

GROUP SPREAD: 2.744

MIN RADIUS: 0.264

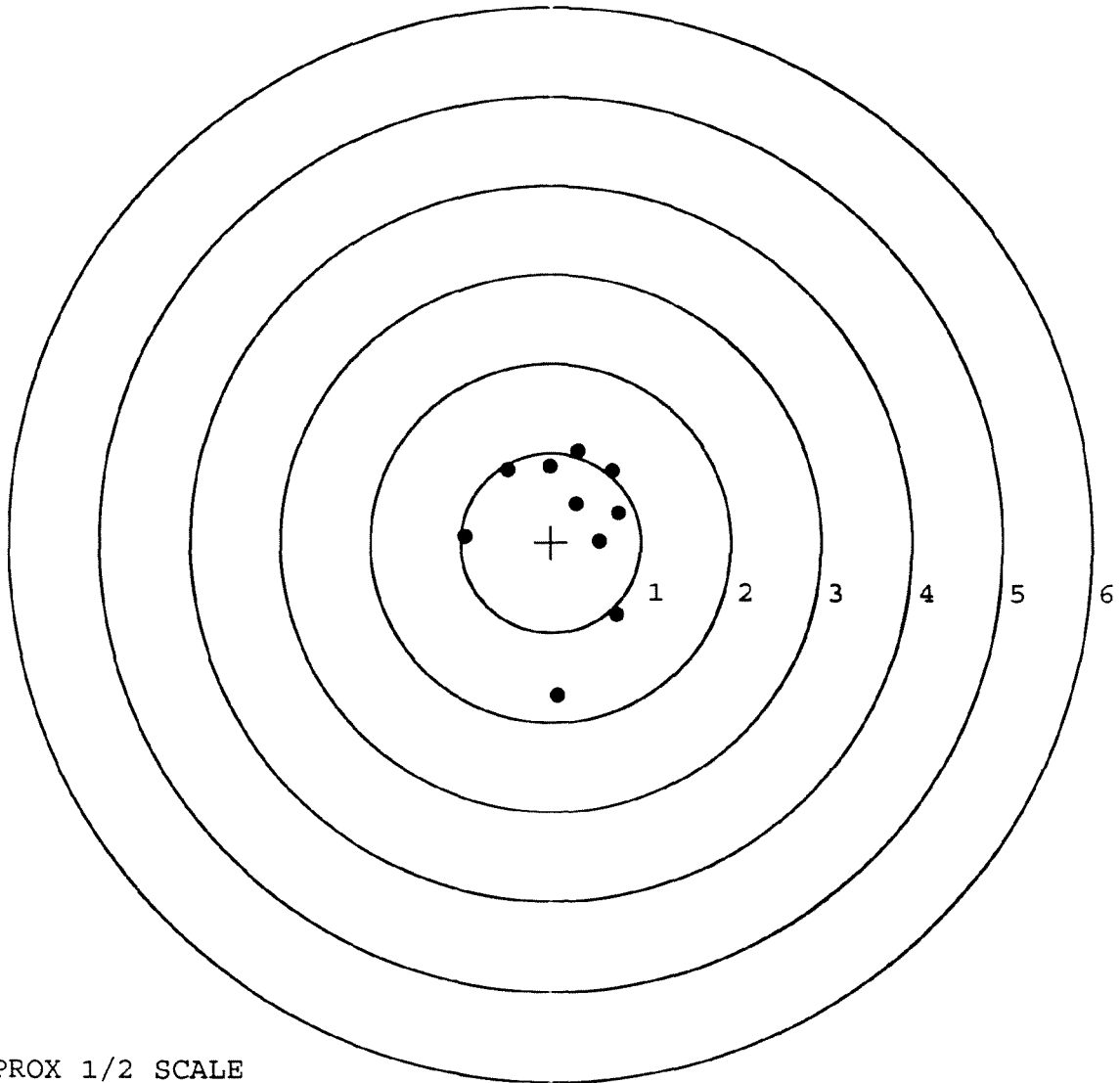
MAX RADIUS: 1.895

MEAN RADIUS: 0.865

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0042361

SERIAL NUMBER: C6348950. __0

TARGET NUMBER: 5

FILE DATE: 04/04/2008

FILE TIME: 09:56

X CENTROID: -0.052

Y CENTROID: -0.045

POA TO CENTROID: 0.069

HORZ SPREAD: 1.401

VERT SPREAD: 3.322

GROUP SPREAD: 3.430

MIN RADIUS: 0.337

MAX RADIUS: 1.774

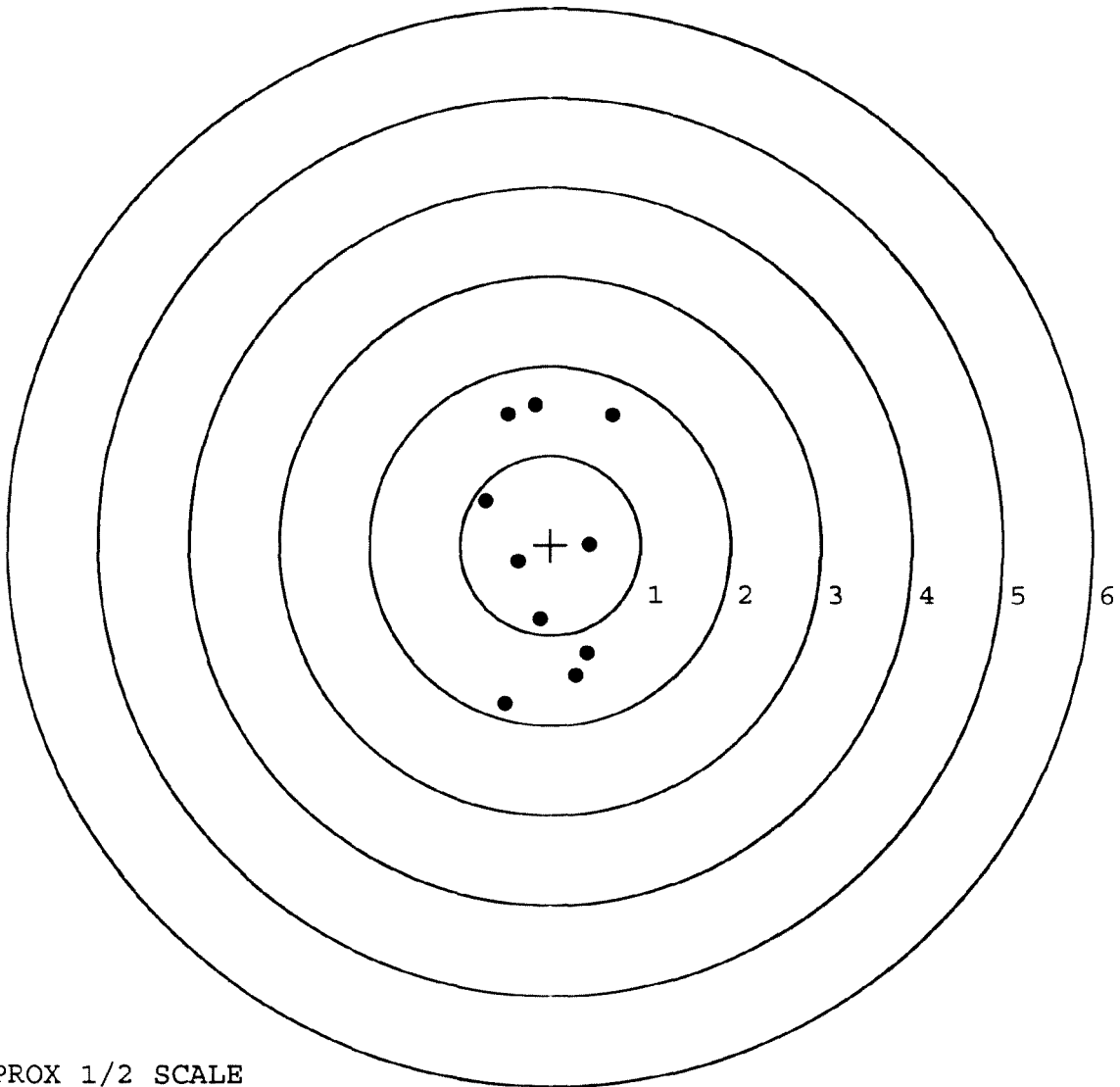
MEAN RADIUS: 1.178

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-0.714	0.495
2:	-0.473	1.463
3:	-0.170	1.561
4:	0.687	1.456
5:	0.431	0.011
6:	-0.355	-0.193
7:	-0.116	-0.833
8:	0.405	-1.204
9:	0.284	-1.447
10:	-0.503	-1.761



TARGET APPROX 1/2 SCALE

R & E NUMBER 00141340SERIAL NUMBER C6348950LOG-IN DATE 2-7-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-08	A.P.D.
505	RE-BARREL	2-20-08	A.P.D.
560	ASSEMBLE	2-20-08	A.P.D.
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN	3-12-08	RTZ
612	MAGNAFLUX	3-14-08	unms
510	DRILL AND TAP	3-12-08	Fm
615	ROLLMARK CALIBER	3-13-08	CW
618	ROTO-BLAST	3-14-08	JD
620	APPLY COATINGS	3-26-08	HP
625	FINAL ASSEMBLY	4-2-08	RTZ
640	FUNCTION TEST AND	4-4-08	TRW
650	TARGET	4-4-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-7-08	Fm
	A) HEADSPACE	4-7-08	Fm
	B) TRIGGER PULL	2.86 2.77 2.72 2.65 2.68 4/7/08	Fm
680	F) SAFETY ON FORCE	6- 6- 5.5 4/7/08	Fm
	G) SAFETY OFF FORCE	3.5 4- 3.5 4/7/08	Fm
	I) FIRING PIN INDENT	.022 .022 .023 4/7/08	Fm
690	PACK	4/7/08	Fm

MAGNA - FLUX

MAR 14 2008

OPERATOR unms

PASS

FAIL

PASS

FAIL

N/A

4-4-08

SD

4-7-08

Fm

4-7-08

Fm

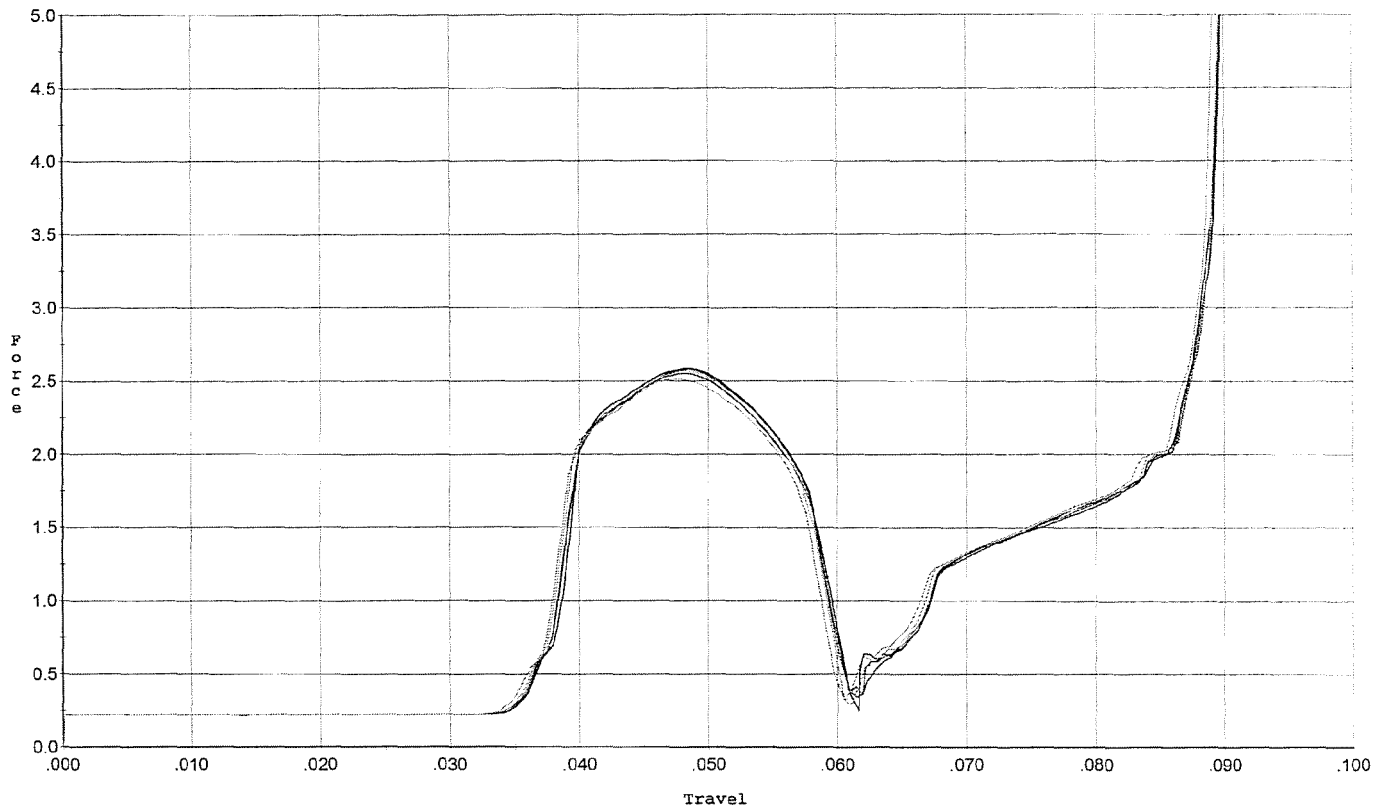
+/- .5 LBS
MIN 2.50 LBS
MAX 4.0 LBS2 LBS MIN
10 LBS MAX2 LBS
MIN

.020

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

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



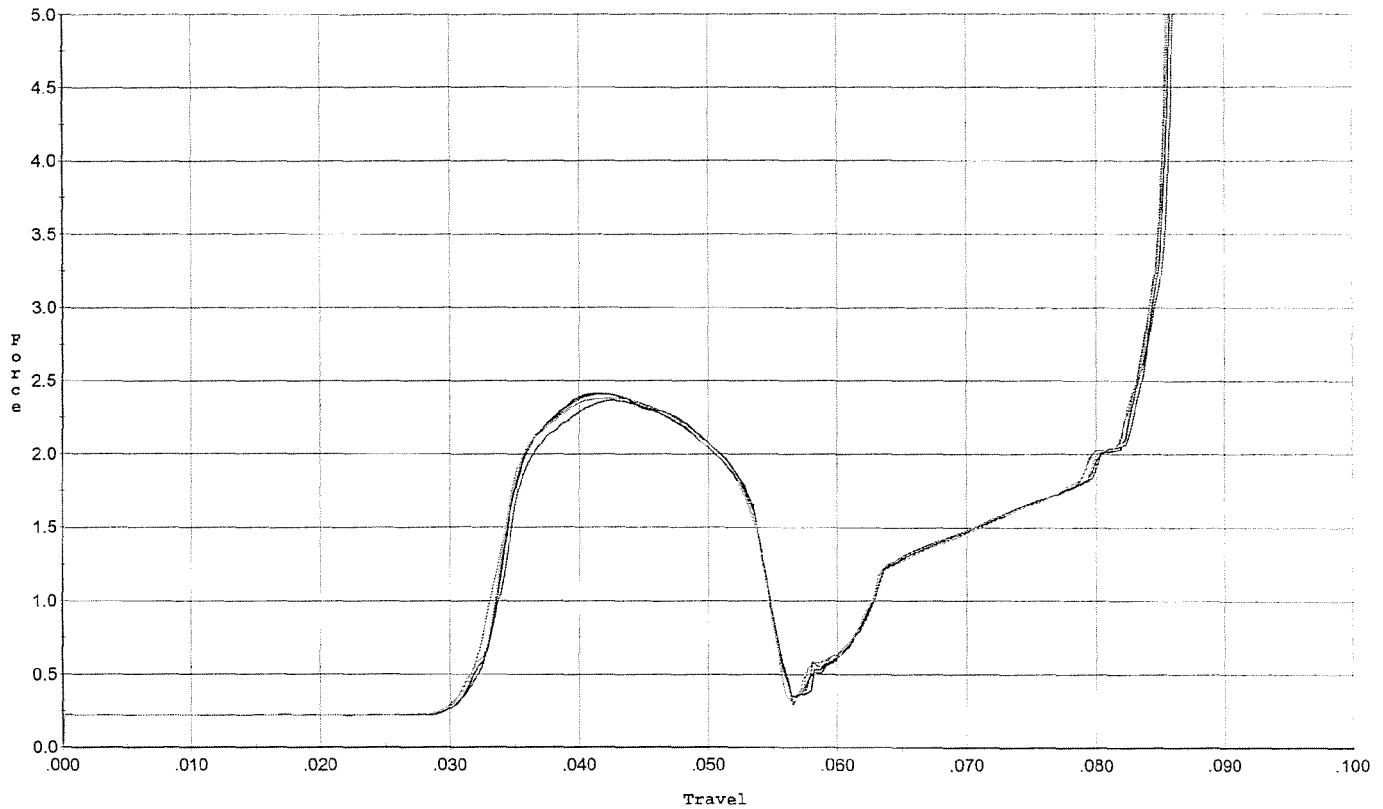
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.581	0.058	0.036	0.038	0.054		Set Trigger
2	2.583	0.059	0.036	0.038	0.055		Set Trigger
3	2.552	0.058	0.036	0.038	0.054		Set Trigger
4	2.571	0.058	0.036	0.037	0.055		Set Trigger
5	2.515	0.058	0.035	0.038	0.053		Set Trigger

AVG 2.56

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

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



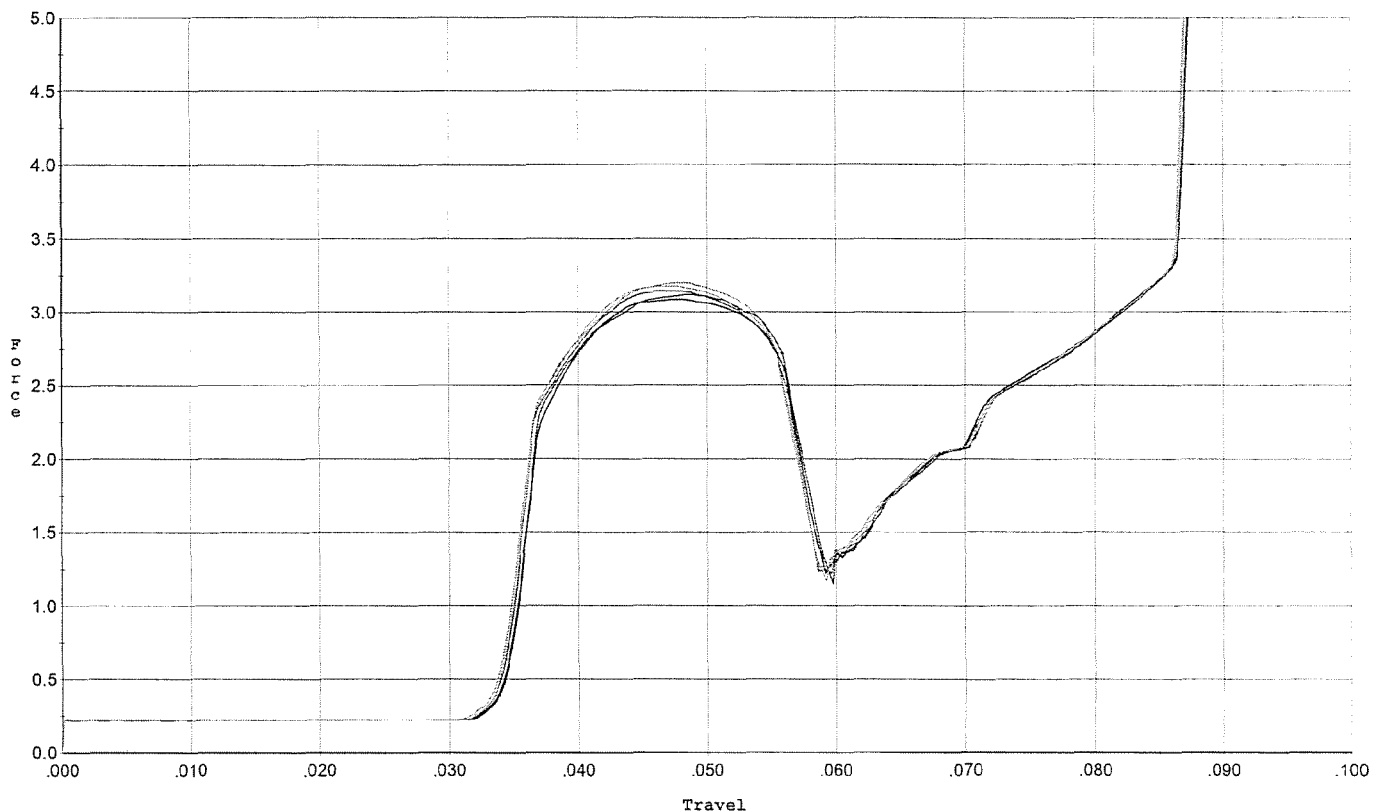
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.364	0.053	0.032	0.036	0.050		Set Trigger
2	2.411	0.054	0.031	0.036	0.051		Set Trigger
3	2.408	0.054	0.031	0.036	0.051		Set Trigger
4	2.377	0.054	0.031	0.036	0.051		Set Trigger
5	2.381	0.054	0.031	0.036	0.052		Set Trigger

Avg 2.38

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/19/08

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



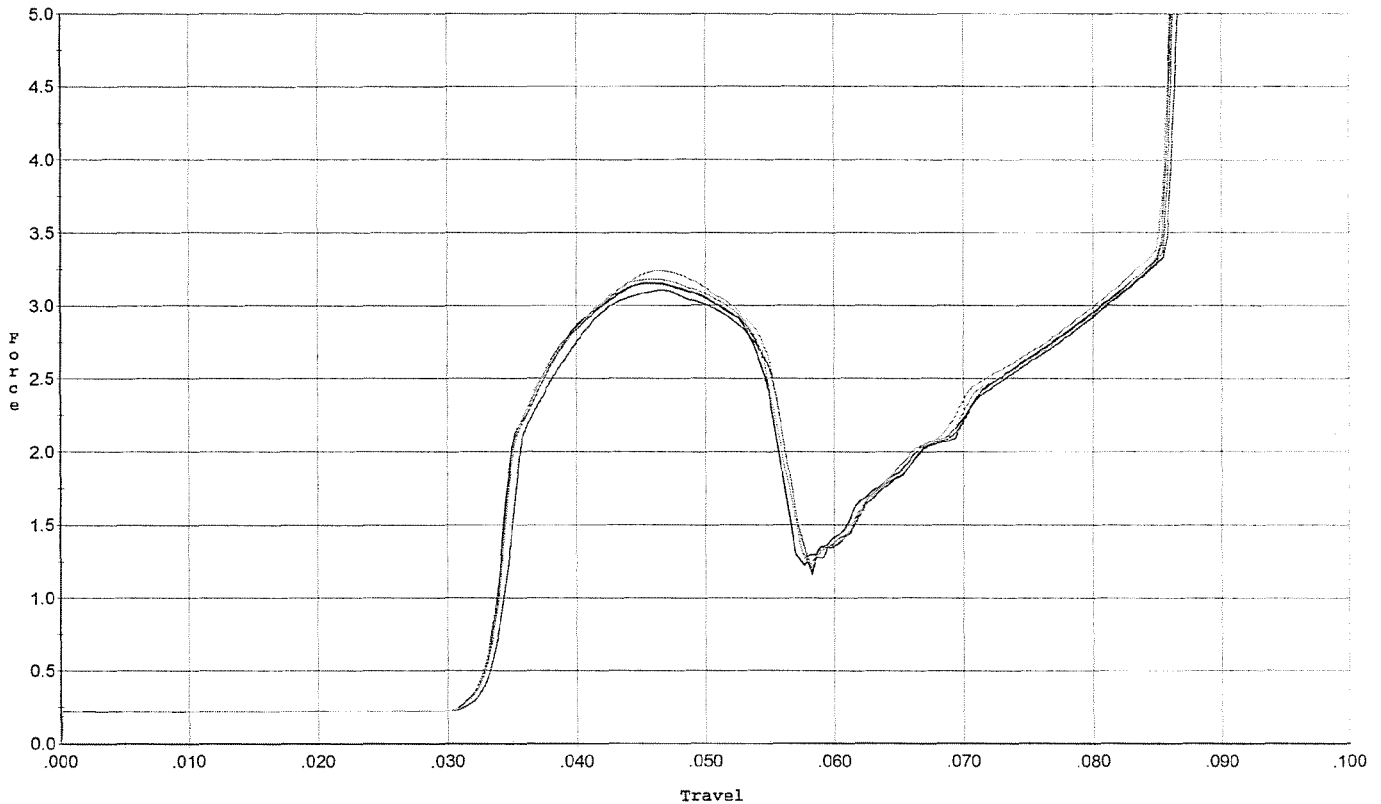
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.118	0.056	0.034	0.035	0.068		Set Trigger
2	3.083	0.056	0.034	0.035	0.068		Set Trigger
3	3.144	0.056	0.034	0.035	0.069		Set Trigger
4	3.176	0.057	0.034	0.035	0.070		Set Trigger
5	3.201	0.055	0.033	0.035	0.069		Set Trigger

Avg 3.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

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



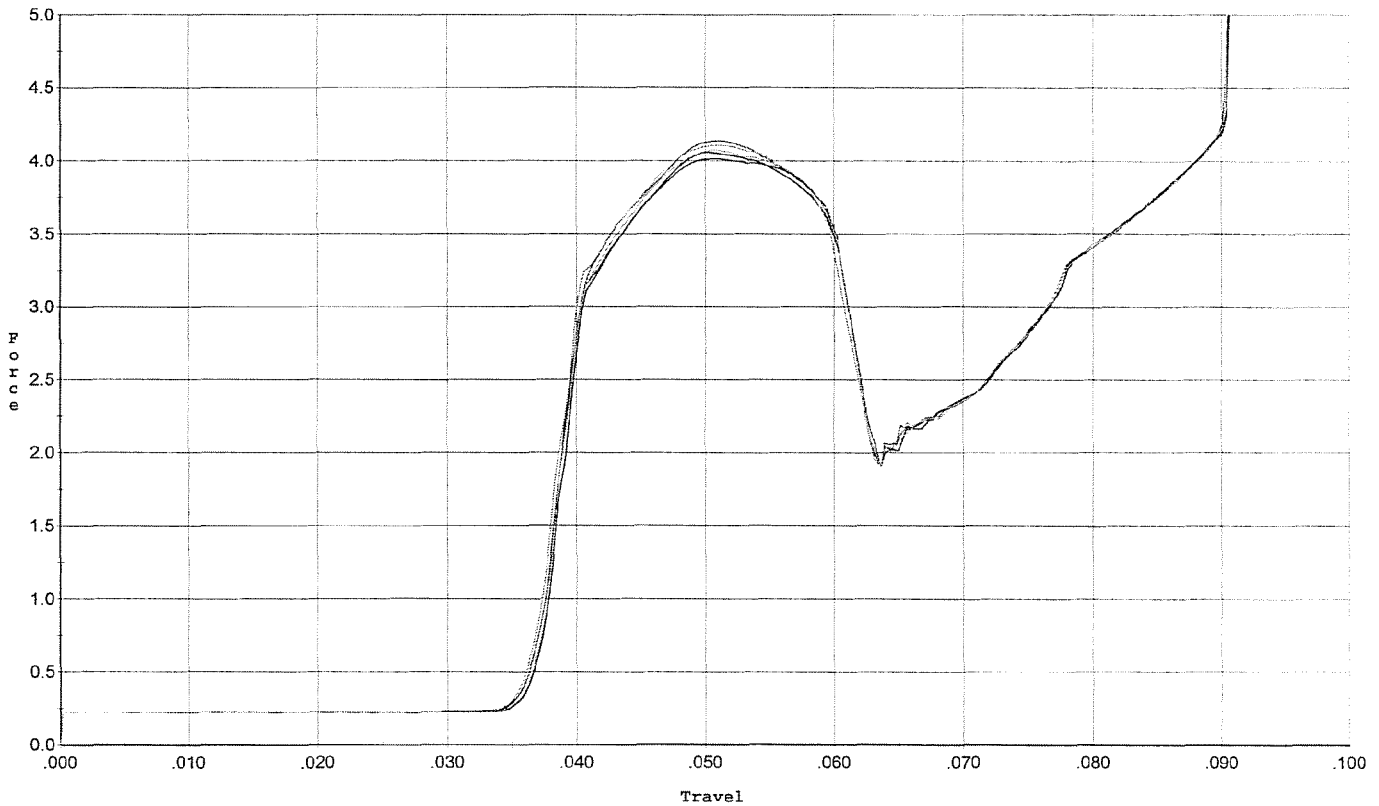
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.106	0.055	0.033	0.035	0.067		Set Trigger
2	3.155	0.055	0.032	0.034	0.068		Set Trigger
3	3.150	0.054	0.032	0.035	0.067		Set Trigger
4	3.182	0.054	0.033	0.035	0.067		Set Trigger
5	3.238	0.055	0.032	0.035	0.069		Set Trigger

Avg 3.16

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

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



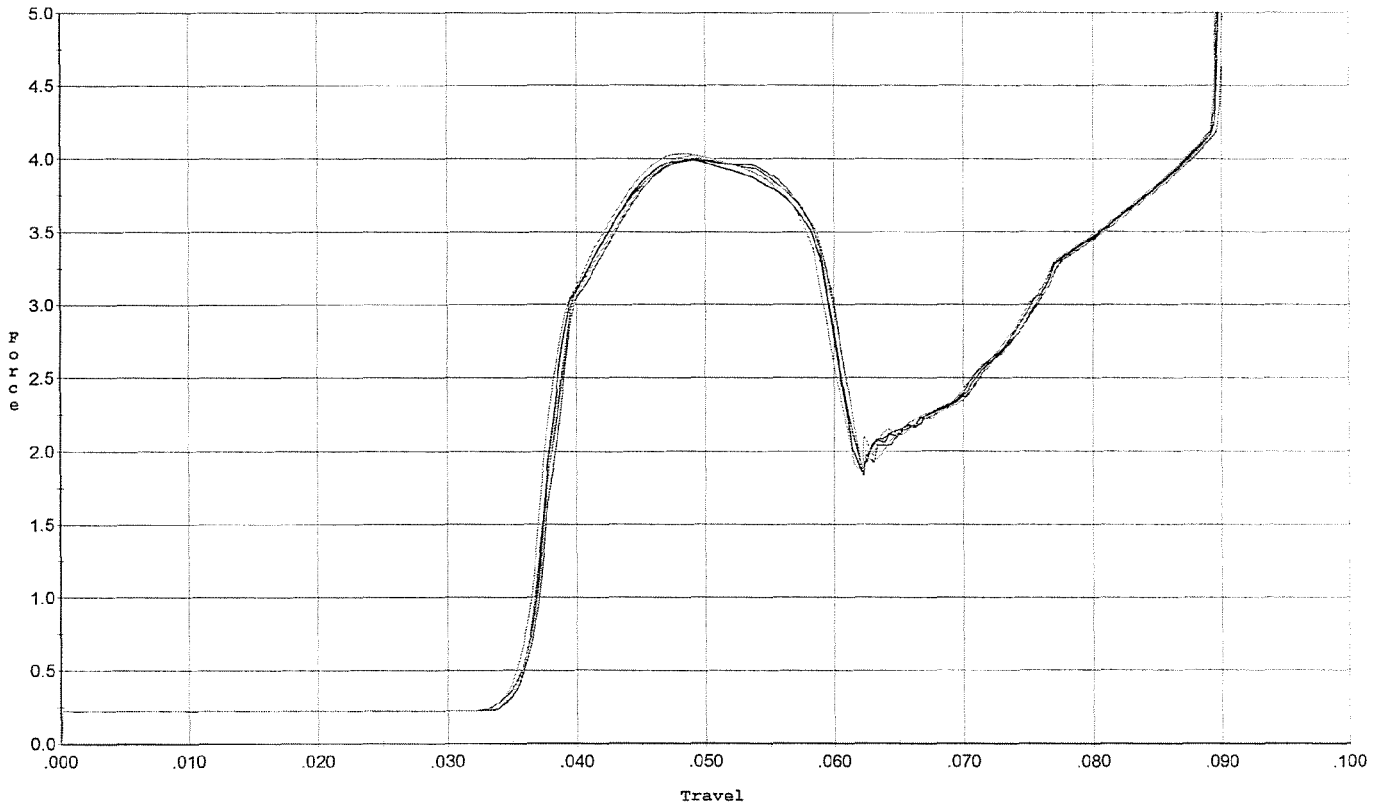
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.016	0.060	0.036	0.035	0.092		Set Trigger
2	4.058	0.060	0.036	0.035	0.091		Set Trigger
3	4.138	0.060	0.036	0.035	0.093		Set Trigger
4	4.072	0.060	0.036	0.035	0.092		Set Trigger
5	4.104	0.061	0.036	0.034	0.095		Set Trigger

Avg 4.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

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



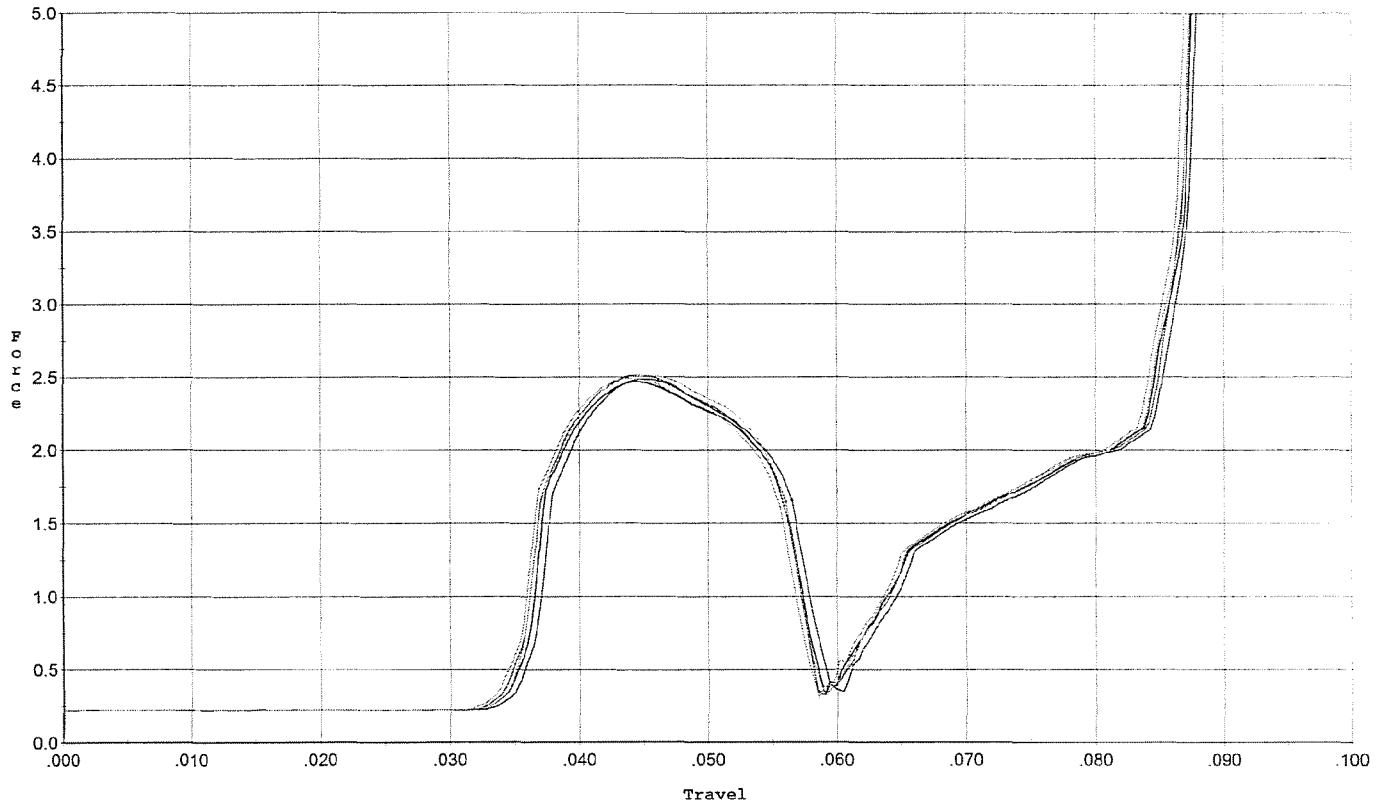
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.988	0.059	0.035	0.035	0.089		Set Trigger
2	3.991	0.059	0.035	0.035	0.089		Set Trigger
3	3.998	0.060	0.035	0.035	0.090		Set Trigger
4	4.013	0.060	0.035	0.035	0.091		Set Trigger
5	4.033	0.058	0.035	0.035	0.089		Set Trigger

Avg 4.00

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

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



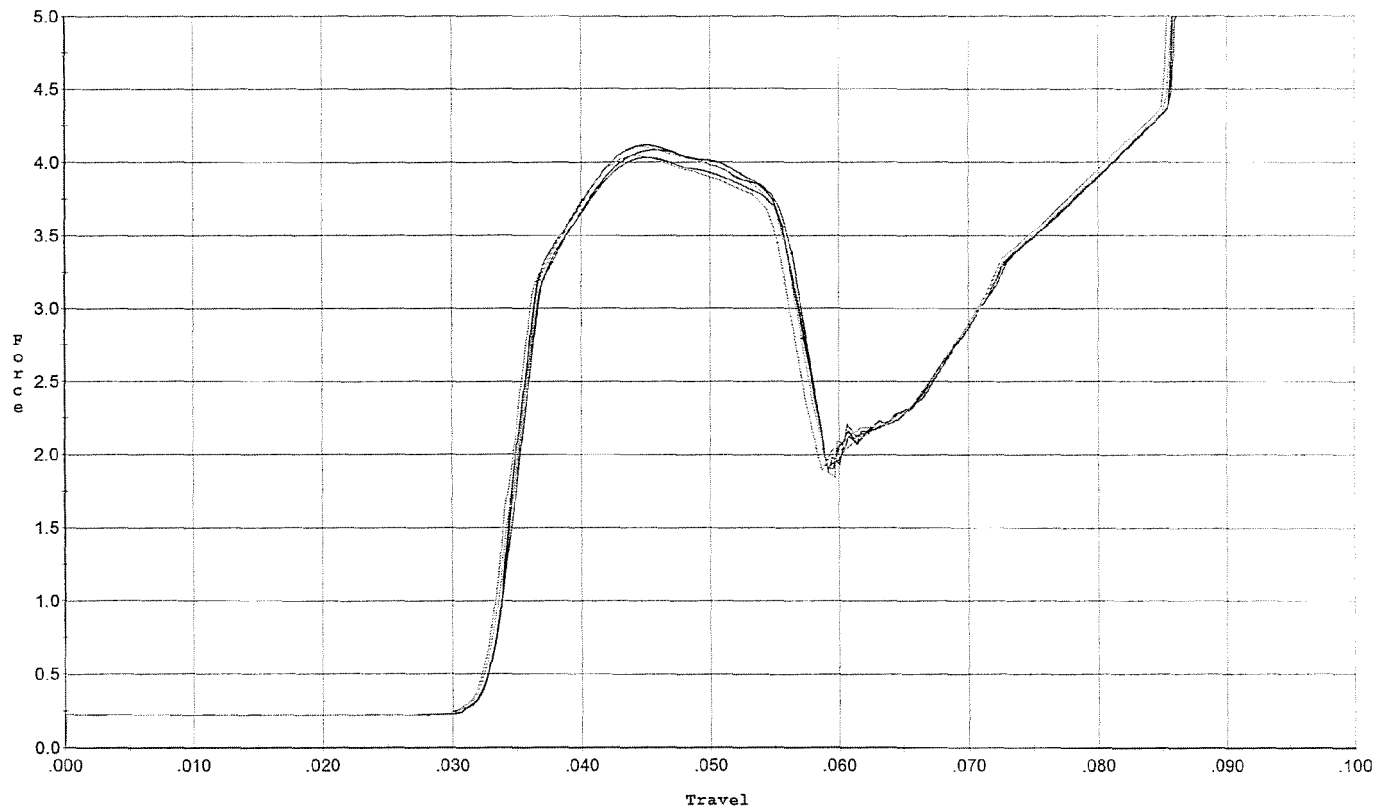
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.485	0.056	0.035	0.037	0.052		Set Trigger
2	2.468	0.056	0.035	0.037	0.052		Set Trigger
3	2.512	0.056	0.034	0.037	0.053		Set Trigger
4	2.509	0.056	0.035	0.037	0.053		Set Trigger
5	2.491	0.056	0.034	0.036	0.052		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 2/19/08

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	4.082	0.056	0.032	0.033	0.091		Set Trigger
2	4.118	0.057	0.032	0.033	0.093		Set Trigger
3	4.031	0.057	0.032	0.033	0.091		Set Trigger
4	4.104	0.056	0.032	0.033	0.090		Set Trigger
5	4.044	0.055	0.032	0.033	0.088		Set Trigger

Avg 4.07

BARBER - M24 0042371

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00092950** Serial: **C6348950** Model: **M24 SWS** Center Fire Caliber: **7.62 NATO** Produced: **12/13/1989** Repairman: Status: **Closed 2/10/2005 11:42 PM**

Verify Repair: [Redacted]

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PO Box: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **36201 4199** Country: **US** State: **AL** Zip Code: **36201 4199** Country: **US**

FEL: [Redacted]

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A037	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A052	Fit and Rear Sgt Base	1

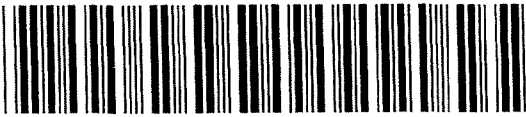
Repair Search Refresh Close

naaleq 2/14/2005 9:18 AM CAPS NUM JNS SCPL

start 5 2 4 Arms Service

Serial Number: **C6348950**

Model: **M24 SWS**



RE00092950

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348950.__0
FILE DATE AND TIME: 06/17/2005 01:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

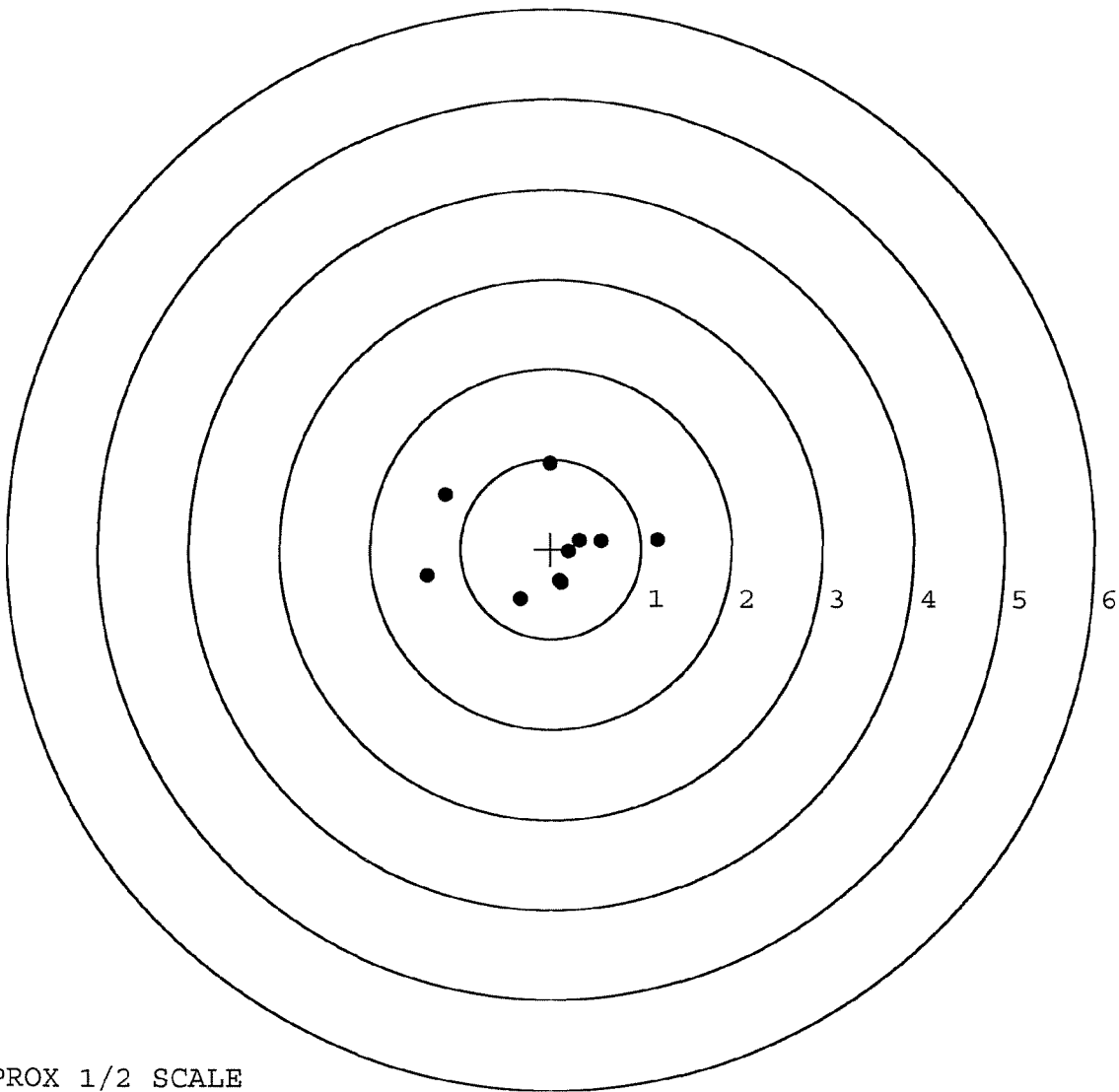
The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	0.053
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.837
The Distance from POA to Centroid Target #1:	0.048
The Distance from Centroid Target #2 to Centroid Target #1:	0.346
The Distance from Centroid Target #3 to Centroid Target #1:	0.259
The Distance from Centroid Target #4 to Centroid Target #1:	0.466
The Distance from Centroid Target #5 to Centroid Target #1:	0.162

BARBER - M24 0042373

SERIAL NUMBER: C6348950. __0
TARGET NUMBER: 1
FILE DATE: 06/17/2005
FILE TIME: 01:38

POINT#	X	Y
1:	-0.012	0.952
2:	-1.173	0.603
3:	-1.363	-0.303
4:	-0.339	-0.562
5:	0.120	-0.377
6:	0.194	-0.033
7:	0.320	0.095
8:	0.549	0.088
9:	1.178	0.100
10:	0.097	-0.355

X CENTROID: -0.043
Y CENTROID: 0.021
POA TO CENTROID: 0.048
HORZ SPREAD: 2.541
VERT SPREAD: 1.514
GROUP SPREAD: 2.573
MIN RADIUS: 0.243
MAX RADIUS: 1.359
MEAN RADIUS: 0.748
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



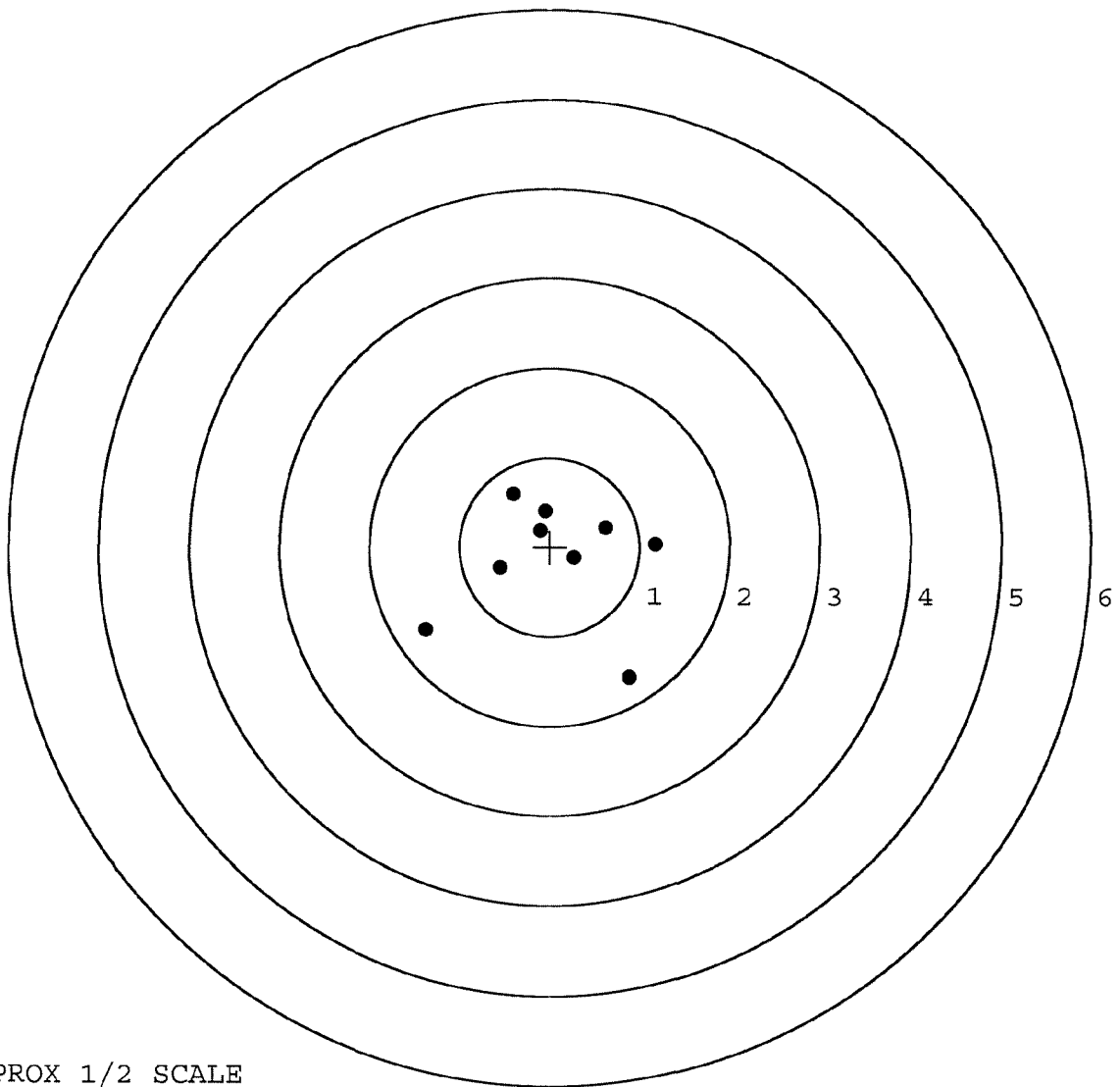
TARGET APPROX 1/2 SCALE

BARBER - M24 0042374

SERIAL NUMBER: C6348950. __0
TARGET NUMBER: 2
FILE DATE: 06/17/2005
FILE TIME: 01:38

POINT#	X	Y
1:	0.883	-1.463
2:	0.883	-1.458
3:	-1.380	-0.933
4:	-0.551	-0.234
5:	1.168	0.027
6:	0.619	0.215
7:	-0.410	0.595
8:	-0.060	0.405
9:	-0.110	0.185
10:	0.269	-0.121

X CENTROID: 0.131
Y CENTROID: -0.278
POA TO CENTROID: 0.308
HORZ SPREAD: 2.548
VERT SPREAD: 2.058
GROUP SPREAD: 2.723
MIN RADIUS: 0.209
MAX RADIUS: 1.647
MEAN RADIUS: 0.938
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0042375

SERIAL NUMBER: C6348950. 0

TARGET NUMBER: 3

FILE DATE: 06/17/2005

FILE TIME: 01:38

POINT#	X	Y
1:	0.656	0.117
2:	0.254	-0.136
3:	0.341	-0.690
4:	-0.579	2.005
5:	-0.189	0.792
6:	-0.467	0.284
7:	-0.420	0.056
8:	-0.124	0.052
9:	-0.910	-0.014
10:	-0.120	0.077

X CENTROID: -0.156

Y CENTROID: 0.254

POA TO CENTROID: 0.298

HORZ SPREAD: 1.566

VERT SPREAD: 2.695

GROUP SPREAD: 2.848

MIN RADIUS: 0.181

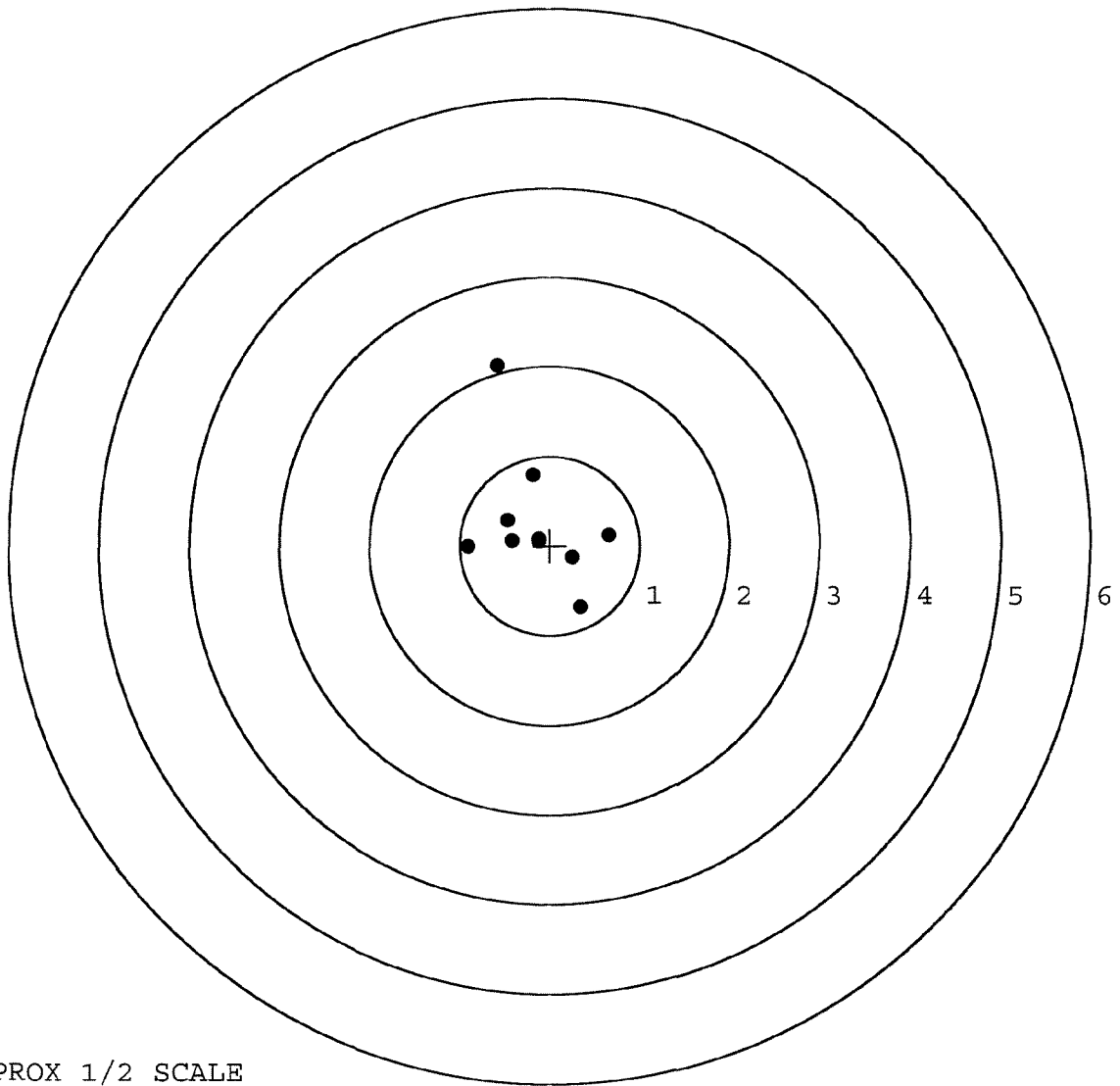
MAX RADIUS: 1.801

MEAN RADIUS: 0.663

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



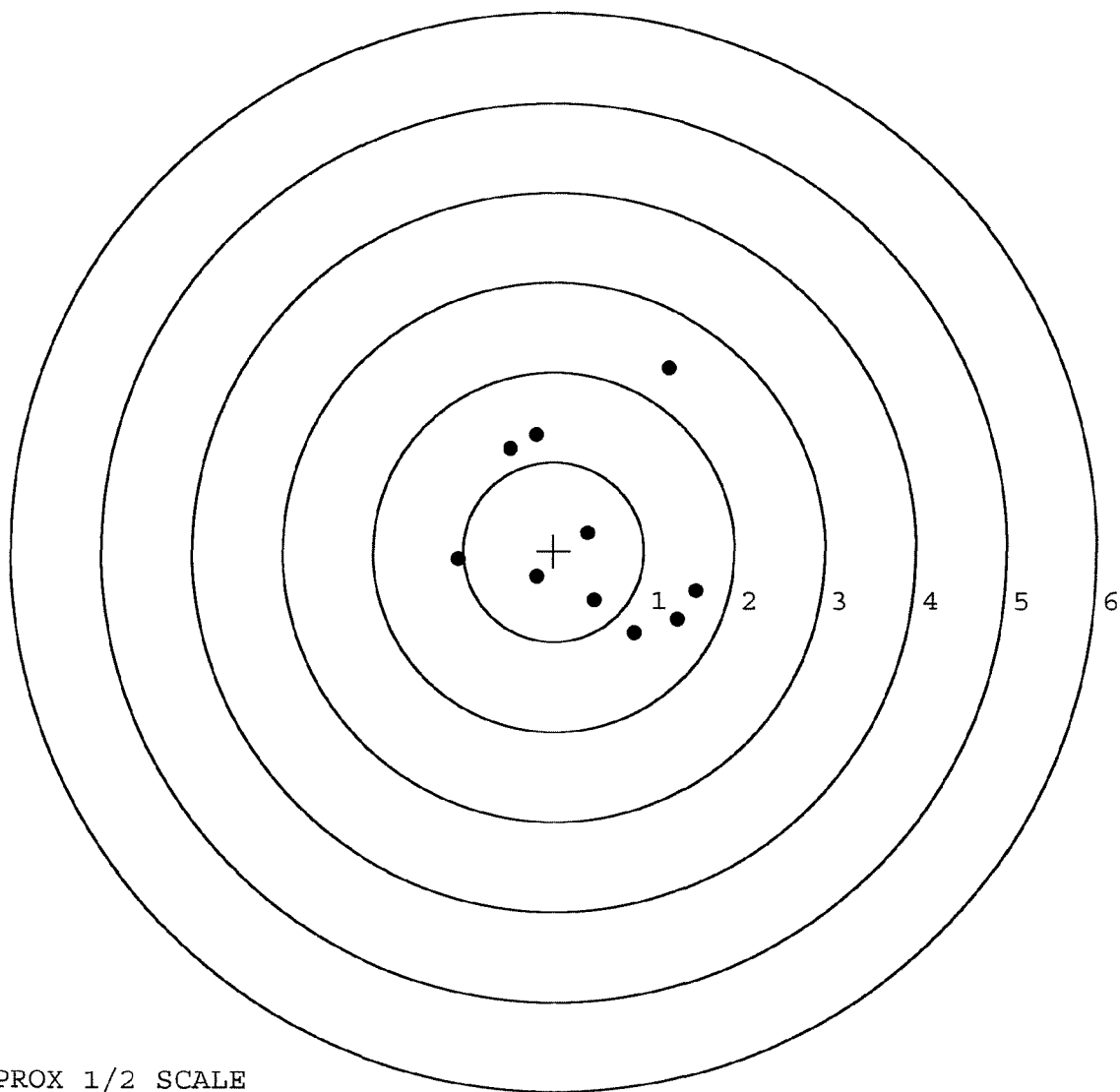
TARGET APPROX 1/2 SCALE

BARBER - M24 0042376

SERIAL NUMBER: C6348950. __0
 TARGET NUMBER: 4
 FILE DATE: 06/17/2005
 FILE TIME: 01:38

POINT#	X	Y
1:	1.277	2.045
2:	-0.485	1.152
3:	-0.196	1.305
4:	0.367	0.203
5:	-1.054	-0.097
6:	-0.192	-0.290
7:	0.451	-0.548
8:	0.892	-0.908
9:	1.370	-0.766
10:	1.575	-0.442

X CENTROID: 0.401
 Y CENTROID: 0.165
 POA TO CENTROID: 0.433
 HORZ SPREAD: 2.629
 VERT SPREAD: 2.953
 GROUP SPREAD: 3.166
 MIN RADIUS: 0.050
 MAX RADIUS: 2.074
 MEAN RADIUS: 1.152
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 9



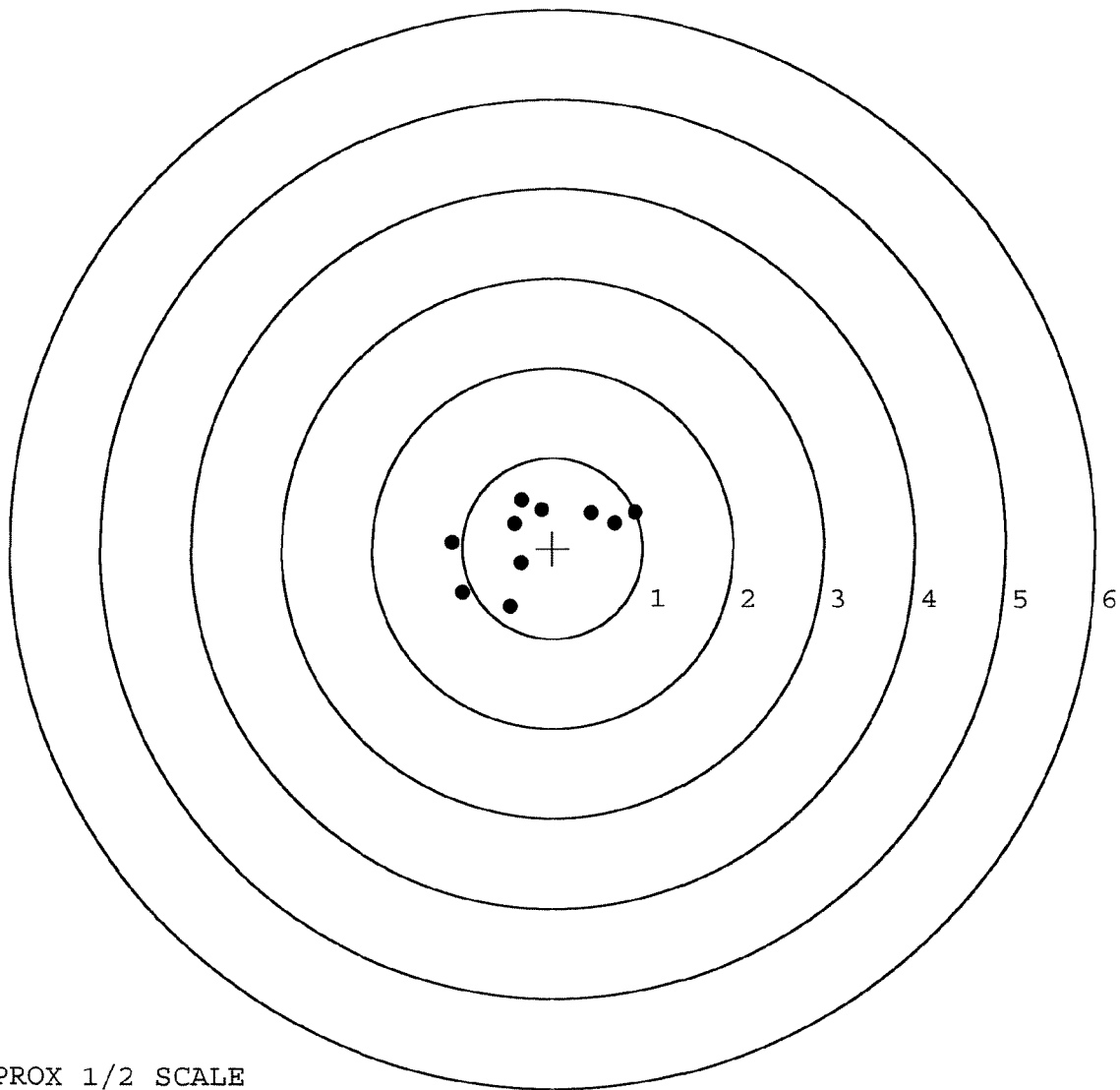
TARGET APPROX 1/2 SCALE

BARBER - M24 0042377

SERIAL NUMBER: C6348950. 0
 TARGET NUMBER: 5
 FILE DATE: 06/17/2005
 FILE TIME: 01:38

POINT#	X	Y
1:	-0.128	0.422
2:	-0.352	0.533
3:	-0.427	0.271
4:	-1.117	0.061
5:	-0.350	-0.161
6:	-0.999	-0.499
7:	-0.469	-0.649
8:	0.682	0.275
9:	0.421	0.393
10:	0.918	0.398

X CENTROID: -0.182
 Y CENTROID: 0.104
 POA TO CENTROID: 0.210
 HORZ SPREAD: 2.035
 VERT SPREAD: 1.182
 GROUP SPREAD: 2.116
 MIN RADIUS: 0.296
 MAX RADIUS: 1.139
 MEAN RADIUS: 0.684
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	92950		
SERIAL NUMBER	C 6348950		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-26-05	RTZ
560 A	RE-BARREL	5-3-05	RTZ
B	DRILL AND TAP	5-5-05	TRL
575	ASSEMBLE	5-3-05	RTZ
600	PROOF	5-4-05	AC
605	CHECK HEADSPACE	5-4-05	AC
610	DIS-ASSEMBLE GUN	5-6-05	RTZ
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	AC
625 A	FINAL ASSEMBLY	5-16-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-21-05	AC
D	SAFETY "OFF" FORCE	6-21-05	AC
E	FIRING PIN INDENT	6-21-05	AC
640	TARGET	6-16-05	AC
655	FINAL INSPECT	6-21-05	AC
660	PACK	7-19-05	QA
		SHIP DATE	
		QAR INSPECTION DATE	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348950
26 May 1992

CENTROIDAL DISTANCES

0 TO	1	.499444
1 TO	2	.308585
1 TO	3	.0970618
1 TO	4	.469814
1 TO	5	1.24306

3⁴
4 <----POA
5

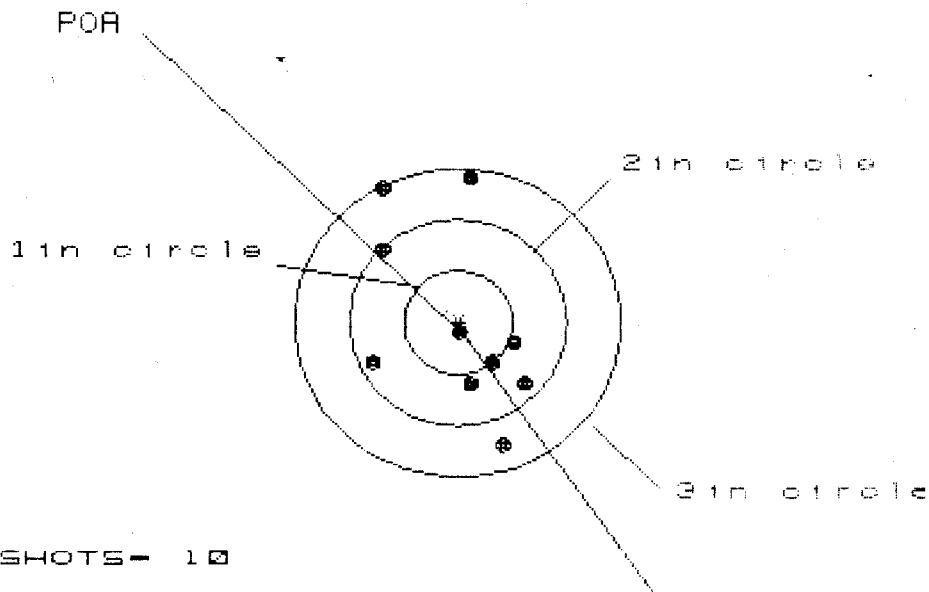
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0996
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1294
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .157964

THE AMR FOR THIS RIFLE IS: 1.022

26 May 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6348350

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.360

VS= 2.543

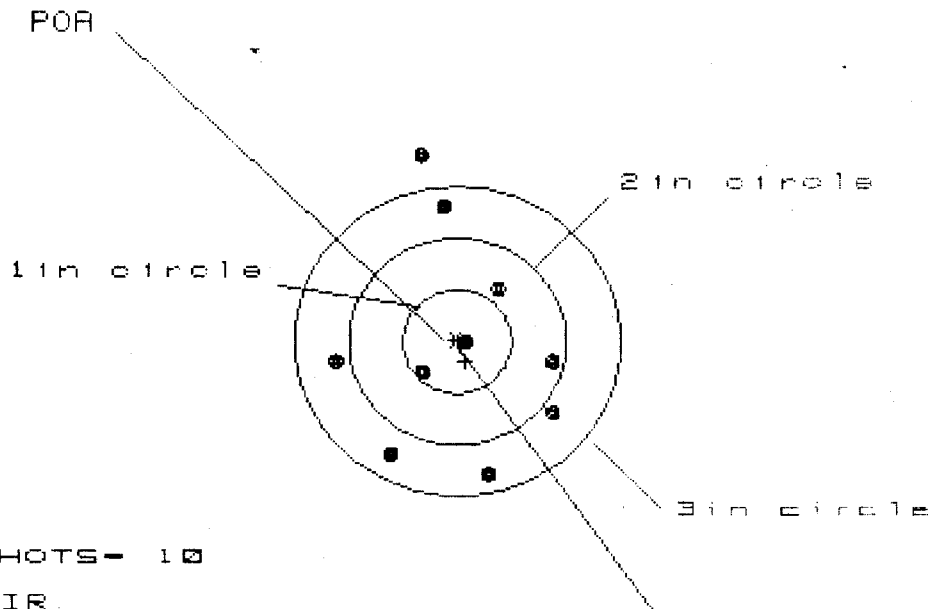
GS= 2.659

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.614	.542	.546
MINIMUM X	-.746	-.818	-.814
MAXIMUM Y	1.393	1.538	1.085
MINIMUM Y	-1.150	-1.005	-.813
CENTROID X	-.312	-.240	-.244
CENTROID Y	.390	.245	.053
POA TO CENTROID in.	.499	.343	.250
MIN RADIUS	.078	.086	.242
MEAN RADIUS	.858	.745	.612
MAX RADIUS	1.457	1.538	1.342
HORIZONTAL SPREAD	1.360	1.360	1.360
VERTICAL SPREAD	2.543	2.543	1.898
EXTREME SPREAD	2.659	2.557	2.191
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

26 May 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6348950

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR.

1 in - 2

2 in - 4

3 in - 9

HS- 2.092

VS- 3.068

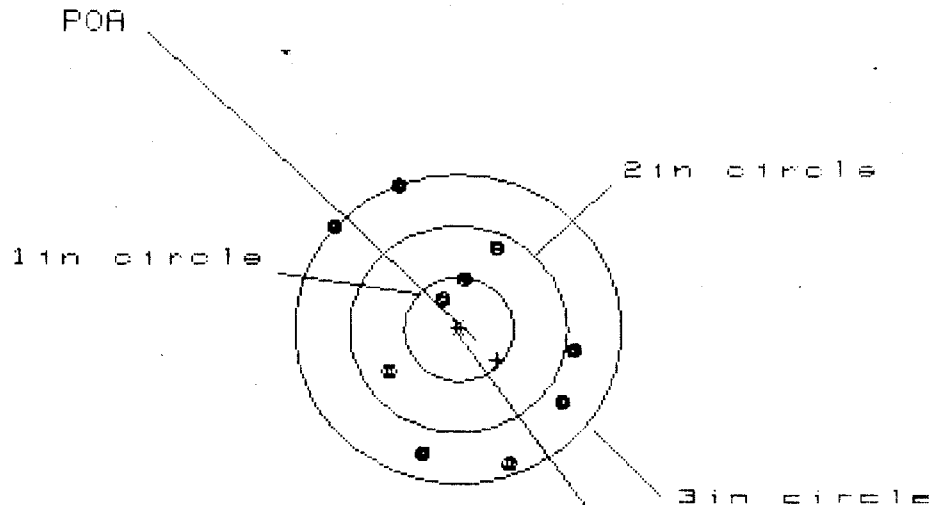
GS- 3.121

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.921	.888	.917
MINIMUM X	-1.171	-1.204	-1.175
MAXIMUM Y	1.761	1.517	1.378
MINIMUM Y	-1.307	-1.111	-1.007
CENTROID X	-.077	-.044	-.073
CENTROID Y	.190	-.006	.133
POA TO CENTROID in.	.205	.044	.152
MIN RADIUS	.098	.244	.130
MEAN RADIUS	1.012	.919	.876
MAX RADIUS	1.787	1.522	1.381
HORIZONTAL SPREAD	2.092	2.092	2.092
VERTICAL SPREAD	3.068	2.628	2.385
EXTREME SPREAD	3.121	2.652	2.451
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

26 May 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06348950

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR.

1in = 2

2in = 4

3in = 10

HS= 2.184

VS= 2.674

GS= 2.848

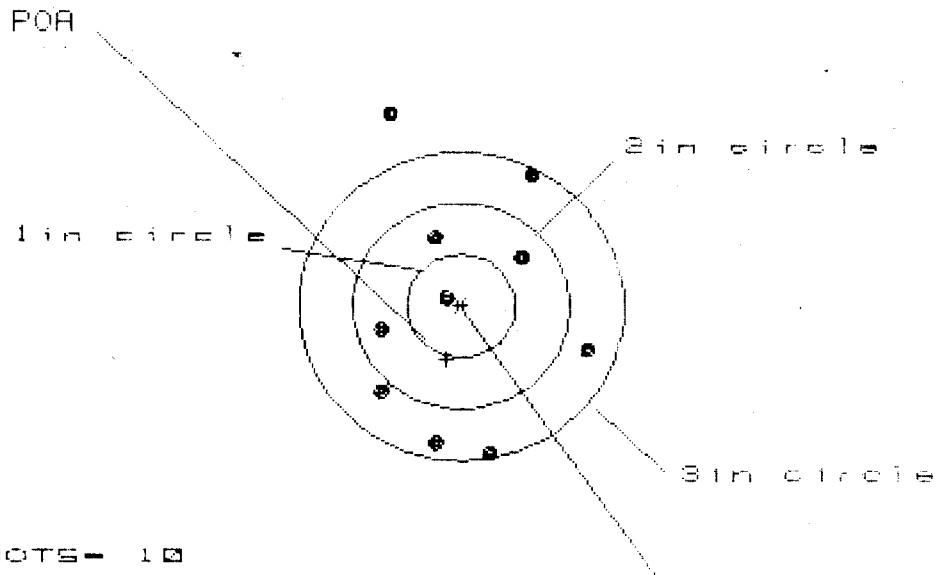
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.069	.945	.860
MINIMUM X	:	-1.115	-.738	-.823
MAXIMUM Y	:	1.368	1.478	1.062
MINIMUM Y	:	-1.306	-1.196	-1.012
CENTROID X	:	-.357	-.233	-.148
CENTROID Y	:	.304	.194	.010
POA TO CENTROID in.	:	.469	.303	.148
MIN RADIUS	:	.293	.446	.648
MEAN RADIUS	:	1.024	.976	.897
MAX RADIUS	:	1.491	1.627	1.094
HORIZONTAL SPREAD	:	2.184	1.683	1.683
VERTICAL SPREAD	:	2.674	2.674	2.074
EXTREME SPREAD	:	2.848	2.848	2.101
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	10		

26 May 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C8348350

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 4

3 in - 9

HS - 1.898

VS - 3.360

GS - 3.477

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.119	1.049	1.073
MINIMUM X	:	-.779	-.849	-.825
MAXIMUM Y	:	1.894	1.464	1.307
MINIMUM Y	:	-1.466	-1.255	-1.304
CENTROID X	:	.138	.208	.184
CENTROID Y	:	.525	.314	.471
POA TO CENTROID in.	:	.542	.377	.506
MIN RADIUS	:	.169	.337	.208
MEAN RADIUS	:	1.104	1.011	.953
MAX RADIUS	:	1.997	1.590	1.457
HORIZONTAL SPREAD	:	1.898	1.898	1.898
VERTICAL SPREAD	:	3.360	2.719	2.611
EXTREME SPREAD	:	3.477	2.755	2.755
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

26 May 1992

FILE: PATTERNING/CENTERFIRE_PATT/06348950

CENTERFIRE PATTERNS # 5

POB

1 in circle

2 in circle

3 in circle

CENTROID

OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 8

HS - 2.592

VS - 2.818

GS - 2.825

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.456	.917	.942
MINIMUM X	-1.136	-.975	-.950
MAXIMUM Y	1.310	1.257	1.062
MINIMUM Y	-1.503	-1.561	-1.470
CENTROID X	.155	-.006	-.071
CENTROID Y	.762	-.709	-.514
POB TO CENTROID in.	.777	.709	.515
MIN RADIUS	.174	.343	.279
MEAN RADIUS	1.112	1.056	.965
MAX RADIUS	1.532	1.574	1.738
HORIZONTAL SPREAD	2.592	1.892	1.892
VERTICAL SPREAD	2.818	2.818	2.522
EXTREME SPREAD	2.825	2.825	2.683
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348950

DATE 5/30/92

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.29	2.32	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.22	2.30	2.40	
PULL #3	2.29	2.26	2.33	2.44	
PULL #4	2.32	2.29	2.15	2.42	
PULL #5	2.31	2.31	2.31	2.46	
TOTAL	11.50	11.37	11.41	12.21	
AVG.	2.30	2.27	2.28	2.44	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.32		
PULL #2	3.26	3.28		
PULL #3	3.27	3.22		
PULL #4	3.33	3.30		
PULL #5	3.27	3.31		
TOTAL	16.36	16.43		
AVG.	3.27	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.09		4.12
PULL #2	4.08	4.07		4.15
PULL #3	4.01	4.10		4.13
PULL #4	4.06	4.11		4.18
PULL #5	4.09	4.10		4.18
TOTAL	20.33	20.47		20.76
AVG.	4.07	4.09		4.17

RECEIVING BARBERS M24 0042386 PORT

COMMENTS

ORDER
R 92-10099

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 2 W/LEUPOLD 10X SCOPE
M-24

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
04/09/92	04/16/92	EJ 10-B9	C6348950		700 7.62 NATO

ACCESSORIES W/STUDS SLING STRAP SCOPE BASE

FROM:

SHIP TO:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING

GA 31905

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING

GA

31905

CUST NO: 059697 CJO.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

FROM DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL CHARGES \$ 27.700

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

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
-----------	-------	-------	------	--------	---------

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
----------------	------	------	------	------	------

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0042386 42425

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

DEPARTMENT OF THE ARMY

CONSOLIDATED Equip. Pool
MAINT, DIV, Doc
FT. BENNING, GA 31905

OFFICIAL BUSINESS

~~PENALTY FOR PRIVATE USE, \$300~~

REMINGTON ARMS CO, INC.
ATTN: CUSTOM SHOP
14 HOEFER AVENUE
ILION, NY 13357

Scope is in
Box

Terry

Do Not Use

Remington®		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 ^{Tr} M24 BOLT ACTION CENTERFIRE RIFLE 24" BARREL 7.62 NATO 6*		SERIAL NO. C6665681
Reg. U.S. Pat & Tr. Off. Marca Registrada Marque Deposee.		46 ORDER NO. 25705
 5705 C6665681		01XR

MAINTENANCE REQUEST

For use of this form, see DA PAM 738.750; the proponent agency is DCSLOG.

PAGE NO.

NO. OF PAGES

REQUIREMENT CONTROL SYMBOL
CSGLD-1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER		WORK ORDER NUMBER		WESDC		ORG PD 03		PD AUTHORIZATION <i>Surgeon Major</i>	
☒ WORK REQUEST ☐ MWO ☐ WARRANTY CLAIM		1a. ORGANIZATION <i>Consolidated Equip Pool</i>		b. LOCATION <i>Ft Benning Gg 31905</i>				c. UNIT IDENT CODE <i>W04255</i>	
2. SERIAL NO. <i>06348950</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO.		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
7. MAINTENANCE ACTIVITY		a. LEVEL <i>H</i>		8. UTILIZATION CODE <i>Q</i>		9. MCSR ITEM		a. ERC	
						b. PACING ITEM		10. HOURS	
								11. MILES	
								12. ROUNDS	
								13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Scheduled Maintenance		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative	
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 258 Overheating	
								☐ 790 Out of Adjustment	
								☒ 008 Noisy	
								☐ 387 Low Performance	
								☒ Other	
16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) <i>See Attached DA Form 2404</i>									

16. REMARKS

SECTION II - WORK ACCOMPLISHED

[illegible]

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0042396~~ **M2400042429**

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

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

MODEL 700™ M24

SERIAL NO.
C6348950

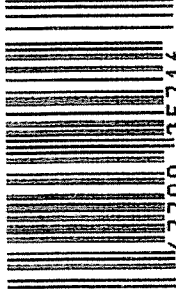
ORDER NO.
5716

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



5716 C6348950

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348950

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 26 89	RW
600	Proof		9 26 89	RW
607	Check Headspace		9 26 89	RW
610	Dis-assemble Gun		9 26 89	RW
612	Magnaflux Barrel Action		9/29/89	KCR
	Magnaflux Bolt		9/29/89	KCR
615	Rollmark Caliber		9/29/89	h.s.
7	Drill and Tap Sight Holes		9 29 89	LB
618	Polish Barrel RB		9 29 89	BT
620	Apply Coatings (Barrel Action)		10-11-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/12/89	JS

BARBER - M24 0042395

BARBER - M24 0042395								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	19 Oct 89	JS		
	G) Safety Off Force	4	4	4	19 Oct 89	JS		
	H) Trigger Pull Test & Retainability				19 Oct 89	JS		
	I) Firing Pin Indent	.020	.0205	.0205	19 Oct 89	JS		
	J) Assemble Stock				10/20/89	RW		
	K) Assemble Swivel Studs				23 Oct 89	JS		
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW		
	M) Iron Sight Alignment				12/11/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW		
	O) Attach Scope to Rifle				20 Oct 89	JS		
	P) Detach & Attach Scope 20 Times				20 Oct 89	JS		
640	Gallery Target & Test				10-20-89	DH		
	A) Time				10-20-89	DH		
	B) Malfunctions				10-20-89	DH		
	C) Pierced Primers				10-20-89	DH		
	D) Optical Clarity of Scope				10-20-89	DH		
645	Inspect for Live Ammo				10-20-89	DH		
655	Final Inspection							
	A) Headspace				23 Oct 89	JS		
	B) Trigger Pull	251	261	243	233	254	23 Oct 89	JS
	C) Function						23 Oct 89	JS
660	Pack						18 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6348950DATE 10 MAR 90TESTER AS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	254	213		238	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	255	213		243	
PULL #3	222	213		246	
PULL #4	220	218		234	
PULL #5	226	219		235	
TOTAL	1177	1076		1196	
AVG.	2.354	2.152		2.392	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.15		
PULL #2	2.97	3.08		
PULL #3	3.11	3.14		
PULL #4	3.11	3.12		
PULL #5	3.13	3.18		
TOTAL	15.42	15.67		
AVG.	3.084	3.134		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	3.96		
PULL #2	4.20	4.09		
PULL #3	4.28	4.21		
PULL #4	4.34	4.18		
PULL #5	4.20	4.35		
TOTAL	21.27	21.79		
AVG.	4.252	4.358		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348950
20 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.788526
1 TO	2	.329257
1 TO	3	.928475
1 TO	4	.869117
1 TO	5	1.20521

$s_2 + \begin{matrix} 4 \\ 2 \\ 1 \end{matrix}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1972
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.328
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .382716

THE AMR FOR THIS RIFLE IS: .838

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B950

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= .950

VS= 1.976

GS= 1.991

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.467	.455	.408
MINIMUM X	-.483	-.495	-.542
MAXIMUM Y	1.040	.967	.864
MINIMUM Y	-.936	-.820	-.837
CENTROID X	.317	.329	.376
CENTROID Y	-.722	-.838	-.735
POA TO CENTROID in.	.789	.900	.826
MIN RADIUS	.244	.128	.232
MEAN RADIUS	.660	.607	.569
MAX RADIUS	1.046	1.067	.955
HORIZONTAL SPREAD	.950	.950	.950
VERTICAL SPREAD	1.976	1.787	1.701
EXTREME SPREAD	1.991	1.967	1.723
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B950

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.910

VS= 2.769

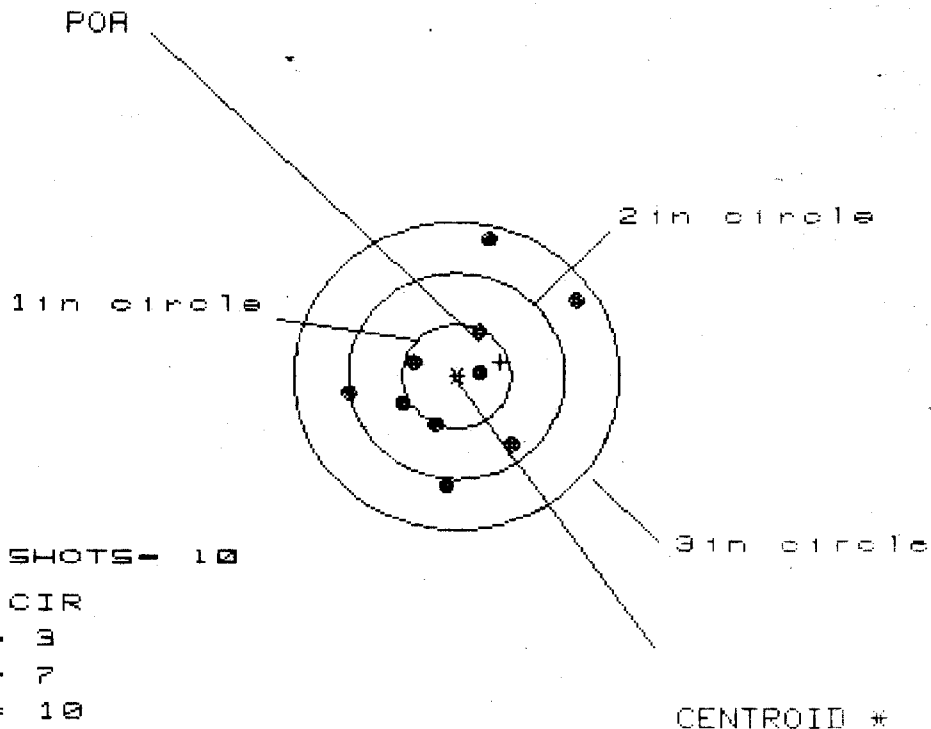
GS= 3.085

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.245	.438	.486
MINIMUM X	:	-.665	-.526	-.478
MAXIMUM Y	:	1.281	1.154	.952
MINIMUM Y	:	-1.488	-1.615	-.856
CENTROID X	:	.228	.089	.041
CENTROID Y	:	-.405	-.278	-.076
POA TO CENTROID in.	:	.464	.292	.086
MIN RADIUS	:	.092	.193	.343
MEAN RADIUS	:	.918	.822	.723
MAX RADIUS	:	1.689	1.660	1.065
HORIZONTAL SPREAD	:	1.910	.964	.964
VERTICAL SPREAD	:	2.769	2.769	1.808
EXTREME SPREAD	:	3.085	2.915	1.971
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B950

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.012

VS= 2.381

GS= 2.413

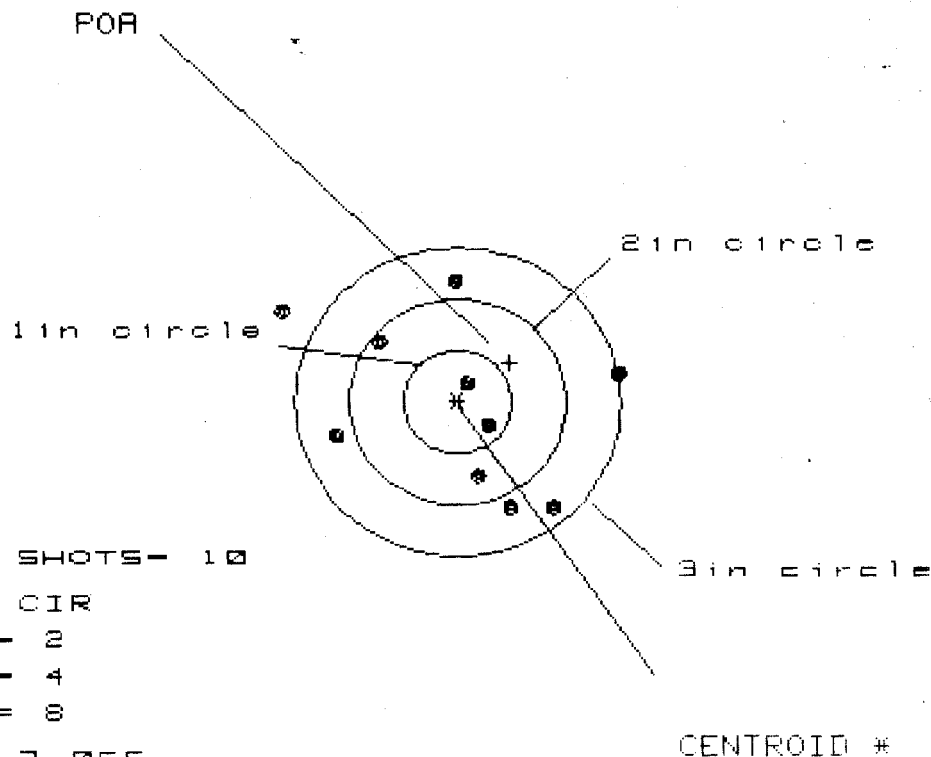
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.064	1.093	.695
MINIMUM X	-.948	-.919	-.782
MAXIMUM Y	1.317	.837	.698
MINIMUM Y	-1.064	-.918	-.813
CENTROID X	-.404	-.433	-.570
CENTROID Y	-.137	-.283	-.388
FOR TO CENTROID in.	.426	.518	.689
MIN RADIUS	.194	.287	.229
MEAN RADIUS	.770	.693	.583
MAX RADIUS	1.344	1.377	.814
HORIZONTAL SPREAD	2.012	2.012	1.477
VERTICAL SPREAD	2.381	1.755	1.511
EXTREME SPREAD	2.413	2.178	1.569
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348950

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in - 8

HS- 3.066

VS- 2.195

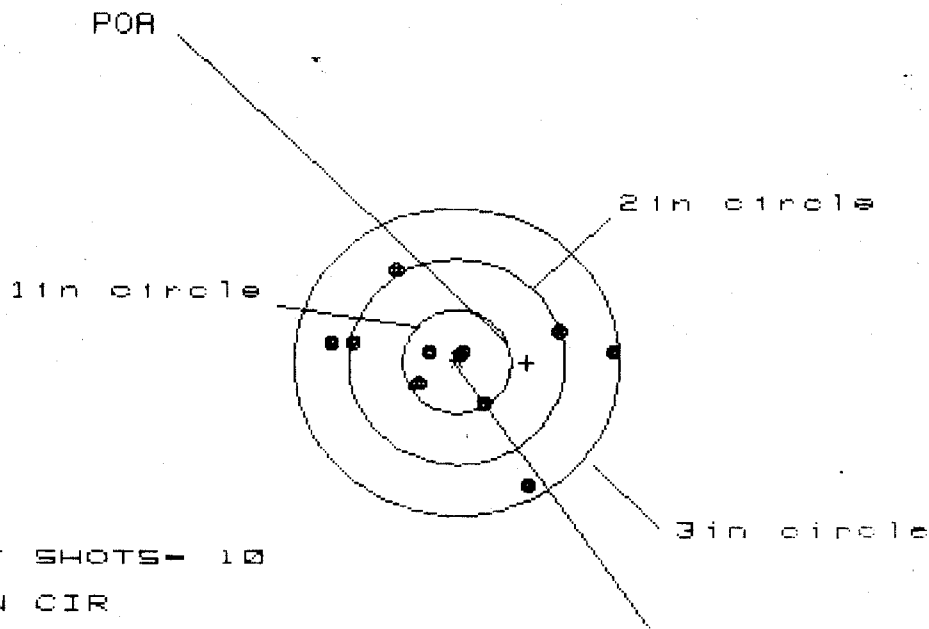
GS- 3.112

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.476	1.299	.854
MINIMUM X	-1.590	-1.267	-1.104
MAXIMUM Y	1.207	1.302	1.355
MINIMUM Y	-.988	-.893	-.840
CENTROID X	-.482	-.305	-.468
CENTROID Y	-.380	-.475	-.528
POA TO CENTROID in.	.614	.565	.705
MIN RADIUS	.185	.124	.233
MEAN RADIUS	1.022	.910	.852
MAX RADIUS	1.806	1.365	1.355
HORIZONTAL SPREAD	3.066	2.566	1.958
VERTICAL SPREAD	2.195	2.195	2.195
EXTREME SPREAD	3.112	2.639	2.351
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B950

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 10

CENTROID +

HS= 2.589

VS= 2.188

GS= 2.594

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.401	1.053	1.152
MINIMUM X	-1.188	-1.032	-.933
MAXIMUM Y	.940	.948	.793
MINIMUM Y	-1.248	-1.240	-.520
CENTROID X	-.645	-.801	-.900
CENTROID Y	.004	-.004	.151
POA TO CENTROID in.	.645	.801	.913
MIN RADIUS	.118	.145	.080
MEAN RADIUS	.820	.737	.640
MAX RADIUS	1.403	1.472	1.159
HORIZONTAL SPREAD	2.589	2.085	2.085
VERTICAL SPREAD	2.188	2.188	1.313
EXTREME SPREAD	2.594	2.486	2.086
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

DA FORM 2404
1 APR 79

BARBER - M24 ~~0042489~~ **M2400042444**

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 062408942446

DD FORM 1348-1 (6 PT)	1 MAR 74	EDITION OF 1 JAN 64 MAY BE USED UNTIL EXHAUSTED	DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
DOC. IDENT.		RI FROM		M & S		STOCK NUMBER																QUANTITY		DOCUMENT NUMBER																SUPPLEMENTARY ADDRESS		FUND		DISTRIBUTION		PROJECT		PRIORITY		REQ'D DEL DATE		ADVICE		RI		UNIT PRICE																							
A5Z		AW1				1005 01 240 2136																EA000003		W33BQ9 5045 0151																CMBBAN		MGZ						03								5145 00																							
SHIPPED FROM																								SHIP TO																								MARK FOR		PROJECT		TOTAL PRICE																											
Supply & Services Division																								Remington Arms Co, Inc																												DOLLARS		CTS.																									
Whs 224																								ATTN: Custom Shop																														1543500																									
Fort Benning, GA 31905-5182																								Ilion, NY 13357																								C		D		CONTRACT #DAA21-87-G001																											
WAREHOUSE LOCATION												TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		U F C		NMFC		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																																																	
LJAA1												G		H		I		J		K		L		M		N		O		P		Q		R		S																																											
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W																								X																								RIFLE 7.62MM M24 (SNIPER)		Y		C6348950																											
SELECTED BY AND DATE												TYPE OF CONTAINER(S)												TOTAL WEIGHT												RECEIVED BY AND DATE												INSPECTED BY AND DATE																															
MAJ 5046												2												3												7												8																															
PACKED BY AND DATE												NO. OF CONTAINERS												TOTAL CUBE												WAREHOUSED BY AND DATE												WAREHOUSE LOCATION																															
4												5												6												9												10																															
REMARKS:																																																																															
SHIP US REGISTERED																																																																															
RETURN RECEIPT REQUESTED																																																																															
AA												BB												CC												DD												EE																															
FIRST DESTINATION ADDRESS																								DATE SHIPPED																																																							
11																								12												FF												GG																															
13 TRANSPORTATION CHARGEABLE TO																								14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)																										15 RECEIVER'S DOCUMENT NUMBER																													

DD FORM 1348-1
(6 PT)

1 MAR 74

EDITION OF 1 JAN 64 MAY BE USED
UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

★ U.S. Government Printing Office: 1985 469-088

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

KINZER V. REMINGTON

BARBER - M24 004240842447

☆U.S. Government Printing Office: 1985 469-088

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DOC. IDENT		RI FROM		M & S		STOCK NUMBER										FSC		NIN		ADD		UNIT OF ISSUE		QUANTITY		DOCUMENT NUMBER										REQUISITIONER		DATE		SERIAL		SUFF. SERV.		SUPPLEMENTARY ADDRESS		FUND		DISTRIBUTION		PROJECT		PRIORITY		REC'D DEL DATE		ADVICE		RI		UNIT PRICE																			
A5Z AW1						1005-01-240-2136										EA		00003		W33BQ		5031		0102		CMBBAN NCZ																03								P		514500																											
SHIPPED FROM																								SHIP TO																								MARK FOR		PROJECT		TOTAL PRICE																											
Supply & Services Division																								Remington Arms Co, Inc																												DOLLARS		CTS.																									
Whse 224																								ATTN: Custom Shop																																																							
Fort Benning, GA 31905																								14 Hoefer Avenue																																																							
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WAREHOUSE LOCATION										TYPE OF CARGO					UNIT PACK					UNIT WEIGHT					UNIT CUBE					U F C					NMFC					FREIGHT RATE					DOCUMENT DATE					MAT COND					QUANTITY																								
F										G					H					I					J					K					L					M					N					O					P					Q					R					S									
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)																								FREIGHT CLASSIFICATION NOMENCLATURE																																																							
T																								U																										SN: C6225440, C6225255																													
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W																								X RIFLE 7.62 MM M24 (SNIPER)																										C6348726																													
SELECTED BY AND DATE										TYPE OF CONTAINER(S)										TOTAL WEIGHT										RECEIVED BY AND DATE										INSPECTED BY AND DATE																																							
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PACKED BY AND DATE										NO. OF CONTAINERS										TOTAL CUBE										WAREHOUSED BY AND DATE										WAREHOUSE LOCATION																																							
4										5										6										9										10																																							
REMARKS:																																																																															
SHIP US REGISTERED																																																																															
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TRANSPORTATION CHARGEABLE TO																				B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)										RECEIVER'S DOCUMENT NUMBER																																																	
P7																																																																															

D FORM 1348-1
(6 PT)

1 MAR 74

EDITION OF 1 JAN 64 MAY BE USED
UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

3

U.S. Government Printing Office: 1985 469-088

PCN AHA-091

DODSASP SHIPMENT LISTING

PREPARED 10 FEB 95

SHIPPED TO: CAGBAN SHIPPED FROM: H33049

UIC	RIC	CODE	TRANS	STOCK	DOCUMENT	SHIPPED	SHIPPED	SERIAL	TRANS
				NUMBER	NUMBER	TO	FROM	NUMBER	DATE
054	B14	S		1005012402130	H3304950450101	CAGBAN	H33049	0006225117	95047
054	B14	S		1005012402130	H3304950450102	CAGBAN	H33049	0006225230	95047
054	B14	S		1005012402130	H3304950450103	CAGBAN	H33049	0006225241	95047
054	B14	S		1005012402130	H3304950450104	CAGBAN	H33049	0006225255	95047
054	B14	S		1005012402130	H3304950450105	CAGBAN	H33049	0006225256	95047
054	B14	S		1005012402130	H3304950450106	CAGBAN	H33049	0006225440	95047
054	B14	S		1005012402130	H3304950450107	CAGBAN	H33049	0006225535	95047
054	B14	S		1005012402130	H3304950450108	CAGBAN	H33049	0006348726	95047
054	B14	S		1005012402130	H3304950450109	CAGBAN	H33049	0006348950	95047
TOTAL NUMBER SHIPPED									9

END PAGE 1

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6348950

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/1/95	RW
600	Proof		3/1/95	RW
607	Check Headspace		3/1/95	RW
610	Dis-assemble Gun		3/1/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/18/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/18/95	RW
	C) Inspect Ejector Hole for Chamfer		3/18/95	RW
	D) Oil Firing Pin Ass'y		3/18/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	0 BARBER- M24 0042413	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.024	.024	.024	3/18/95	RW
	J) Assemble Stock					
	K) Assemble Swivel Studs					
	L) Attach Front and Rear Sight Assemblies					
	M) Iron Sight Alignment					
	N) Detach Front & Rear Sights & place in numbered container					
	O) Attach Scope to Rifle					
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test				3/21/95	RW
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				3/21/95	RW
655	Final Inspection					
	A) Headspace				3/22/95	RW
	B) Trigger Pull					
	C) Function				3/22/95	RW
660	Pack					

Final Inspection

Sn: C6348950

DATE REC'D: 2/24/95

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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348950
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.316509
1 TO	2	.367448
1 TO	3	.509166
1 TO	4	.412572
1 TO	5	.438631

1.082 <----POA

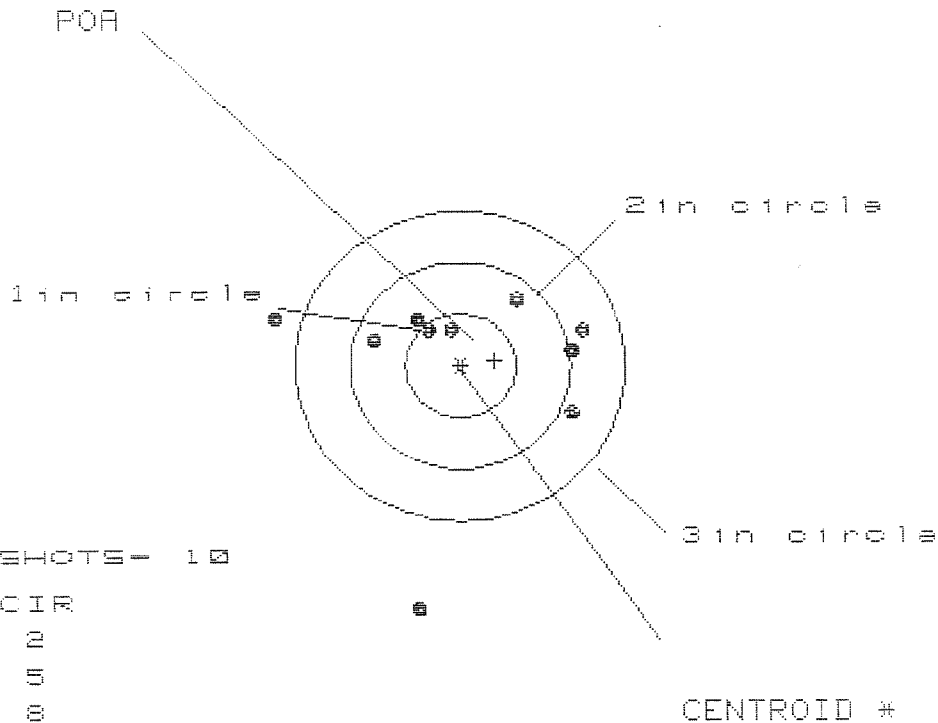
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0376
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1586
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162996

THE AMR FOR THIS RIFLE IS: 1.082

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8348950

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.805

VS= 3.067

GS= 3.201

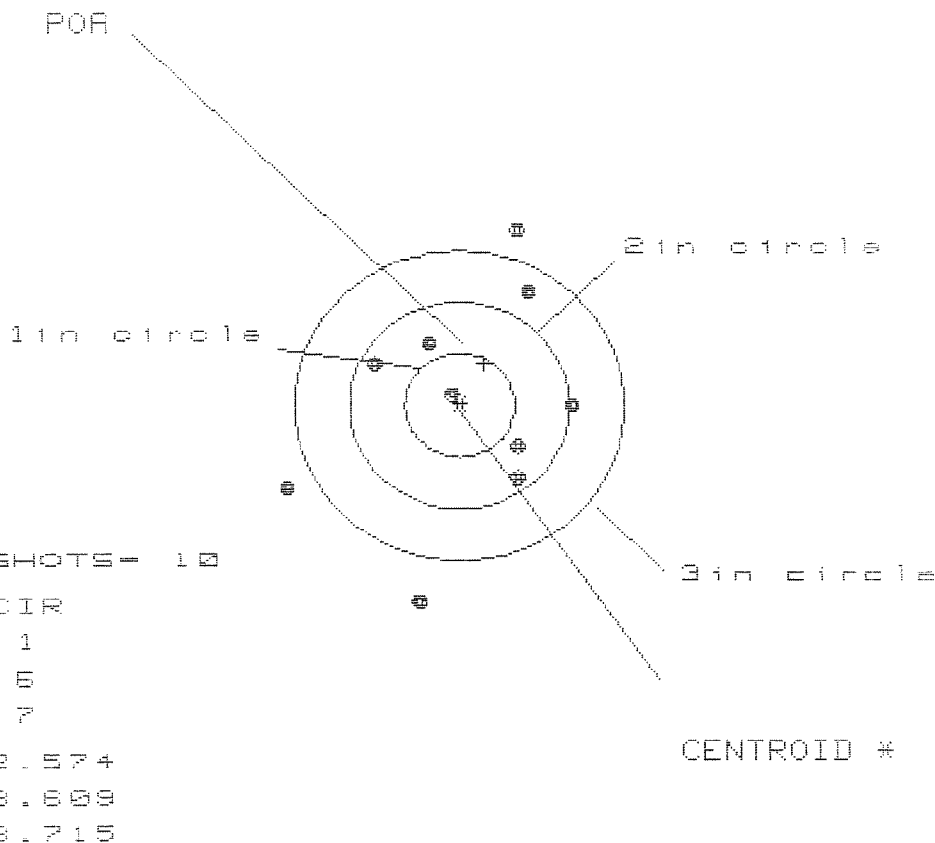
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.108	1.063	.846
MINIMUM X	-1.697	-1.742	-1.085
MAXIMUM Y	.689	.425	.446
MINIMUM Y	-2.378	-.733	-.712
CENTROID X	-.313	-.268	-.050
CENTROID Y	-.047	.217	.196
POA TO CENTROID in.	.316	.345	.203
MIN RADIUS	.318	.120	.335
MEAN RADIUS	1.041	.816	.716
MAX RADIUS	2.412	1.750	1.086
HORIZONTAL SPREAD	2.805	2.805	1.931
VERTICAL SPREAD	3.067	1.158	1.158
EXTREME SPREAD	3.201	2.826	1.937
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08348950

CENTERFIRE PATTERNS # 2

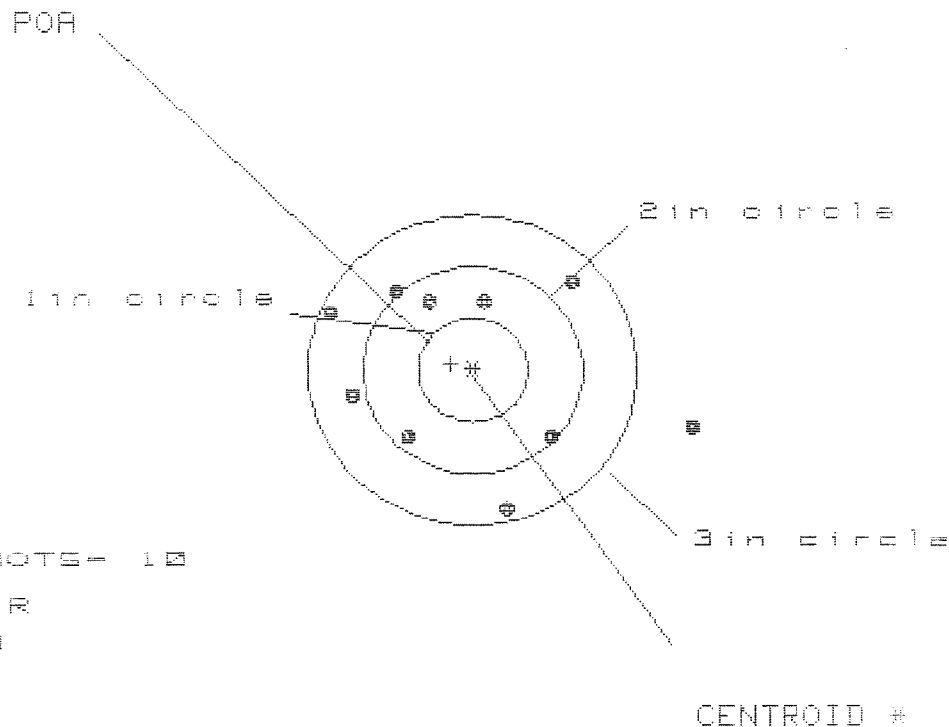


PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.980	.935	.730
MINIMUM X	-1.594	-1.639	-1.038
MAXIMUM Y	1.672	1.457	1.327
MINIMUM Y	-1.937	-1.044	-1.016
CENTROID X	-.226	-.181	.024
CENTROID Y	-.404	-.189	-.059
POA TO CENTROID in.	.463	.262	.064
MIN RADIUS	.100	.196	.434
MEAN RADIUS	1.088	.975	.856
MAX RADIUS	1.979	1.943	1.346
HORIZONTAL SPREAD	2.574	2.574	1.768
VERTICAL SPREAD	3.609	2.501	2.343
EXTREME SPREAD	3.715	3.247	2.344
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

26 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06346950

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 3.258

VS= 2.200

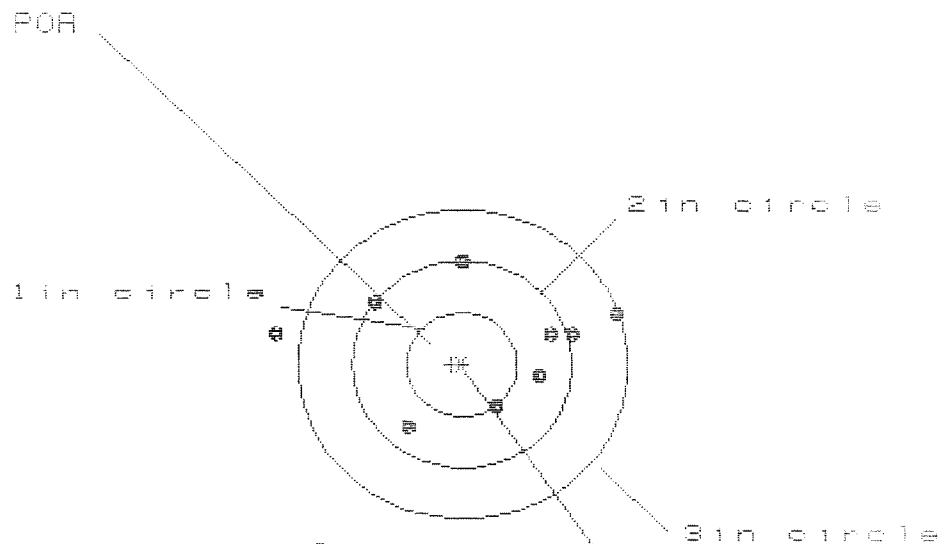
GS= 3.436

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.974	1.164	1.233
MINIMUM X	-1.284	-1.065	-.996
MAXIMUM Y	.843	.778	.680
MINIMUM Y	-1.357	-1.422	-.876
CENTROID X	.196	-.023	-.092
CENTROID Y	-.060	.004	.182
POA TO CENTROID in.	.205	.024	.204
MIN RADIUS	.686	.589	.400
MEAN RADIUS	1.147	1.005	.900
MAX RADIUS	2.058	1.525	1.372
HORIZONTAL SPREAD	3.258	2.229	2.229
VERTICAL SPREAD	2.200	2.200	1.476
EXTREME SPREAD	3.436	2.470	2.317
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

28 Mar 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6348950

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 3.100

VS = 2.868

GS = 3.502

CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.375
MINIMUM X	-1.726
MAXIMUM Y	1.045
MINIMUM Y	-1.823
CENTROID X	.097
CENTROID Y	-.001
POA TO CENTROID in.	.097
MIN RADIUS	.510
MEAN RADIUS	1.139
MAX RADIUS	2.214
HORIZONTAL SPREAD	3.100
VERTICAL SPREAD	2.868
EXTREME SPREAD	3.502
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6348350

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS = 3.646

VS = 1.705

GS = 3.646

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.126	1.016	.855
MINIMUM X	-1.520	-1.283	-.662
MAXIMUM Y	.917	.884	.840
MINIMUM Y	-.787	-.821	-.865
CENTROID X	.058	-.179	-.018
CENTROID Y	-.281	-.248	-.204
POA TO CENTROID in.	.287	.306	.205
MIN RADIUS	.566	.334	.472
MEAN RADIUS	.997	.817	.767
MAX RADIUS	2.147	1.332	1.054
HORIZONTAL SPREAD	3.646	2.299	1.517
VERTICAL SPREAD	1.705	1.705	1.705
EXTREME SPREAD	3.646	2.514	1.838
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		