

C6348817

MODEL 760™ M24

Model **SMS**™

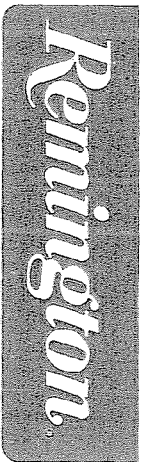
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00141566**

Serial: C6348817 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status: Closed 2/12/2008 7:33:20 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: B CO 3RD BN 1ST SP FORCES GROUP

B CO 3RD BN 1ST SP FORCES GROUP

Address 2: PO Box:

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA Zip Code: 98433

Country: US

State: WA Zip Code: 98433

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/13/2008

8:57 AM

CAPS

NUM



Serial Number: **C6348817**

Model: **M24 SWS**



RE00141566

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348817.___0

FILE DATE AND TIME: 04/02/2008 11:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

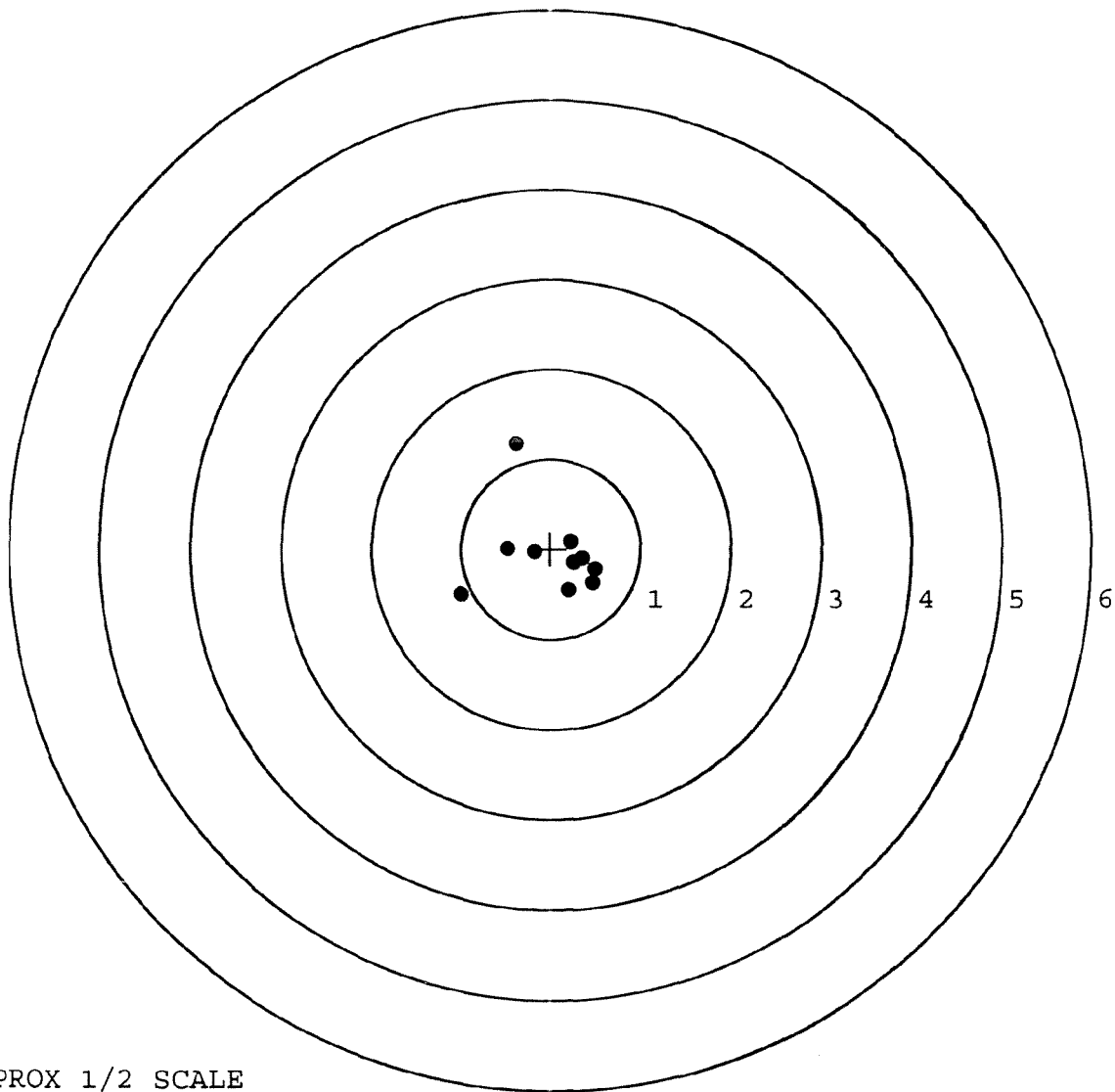
The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	0.109
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.783
The Distance from POA to Centroid Target #1:	0.061
The Distance from Centroid Target #2 to Centroid Target #1:	0.257
The Distance from Centroid Target #3 to Centroid Target #1:	0.276
The Distance from Centroid Target #4 to Centroid Target #1:	0.262
The Distance from Centroid Target #5 to Centroid Target #1:	0.240

BARBER - M24 0038908

SERIAL NUMBER: C6348817. 0
 TARGET NUMBER: 1
 FILE DATE: 04/02/2008
 FILE TIME: 11:29

POINT#	X	Y
1:	0.228	0.084
2:	0.356	-0.106
3:	0.473	-0.379
4:	0.200	-0.462
5:	0.498	-0.222
6:	-0.180	-0.040
7:	-0.480	0.002
8:	-1.006	-0.509
9:	-0.386	1.171
10:	0.265	-0.150

X CENTROID: -0.003
 Y CENTROID: -0.061
 POA TO CENTROID: 0.061
 HORZ SPREAD: 1.504
 VERT SPREAD: 1.680
 GROUP SPREAD: 1.791
 MIN RADIUS: 0.178
 MAX RADIUS: 1.290
 MEAN RADIUS: 0.551
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0038909

SERIAL NUMBER: C6348817. __0

TARGET NUMBER: 2

FILE DATE: 04/02/2008

FILE TIME: 11:29

POINT#	X	Y
1:	0.707	0.790
2:	-0.069	0.949
3:	0.052	0.357
4:	-0.774	0.665
5:	-0.535	-0.262
6:	-0.098	-0.768
7:	0.691	-0.072
8:	0.511	-0.309
9:	0.840	-0.388
10:	0.973	-0.497

X CENTROID: 0.230

Y CENTROID: 0.046

POA TO CENTROID: 0.234

HORZ SPREAD: 1.747

VERT SPREAD: 1.717

GROUP SPREAD: 2.098

MIN RADIUS: 0.358

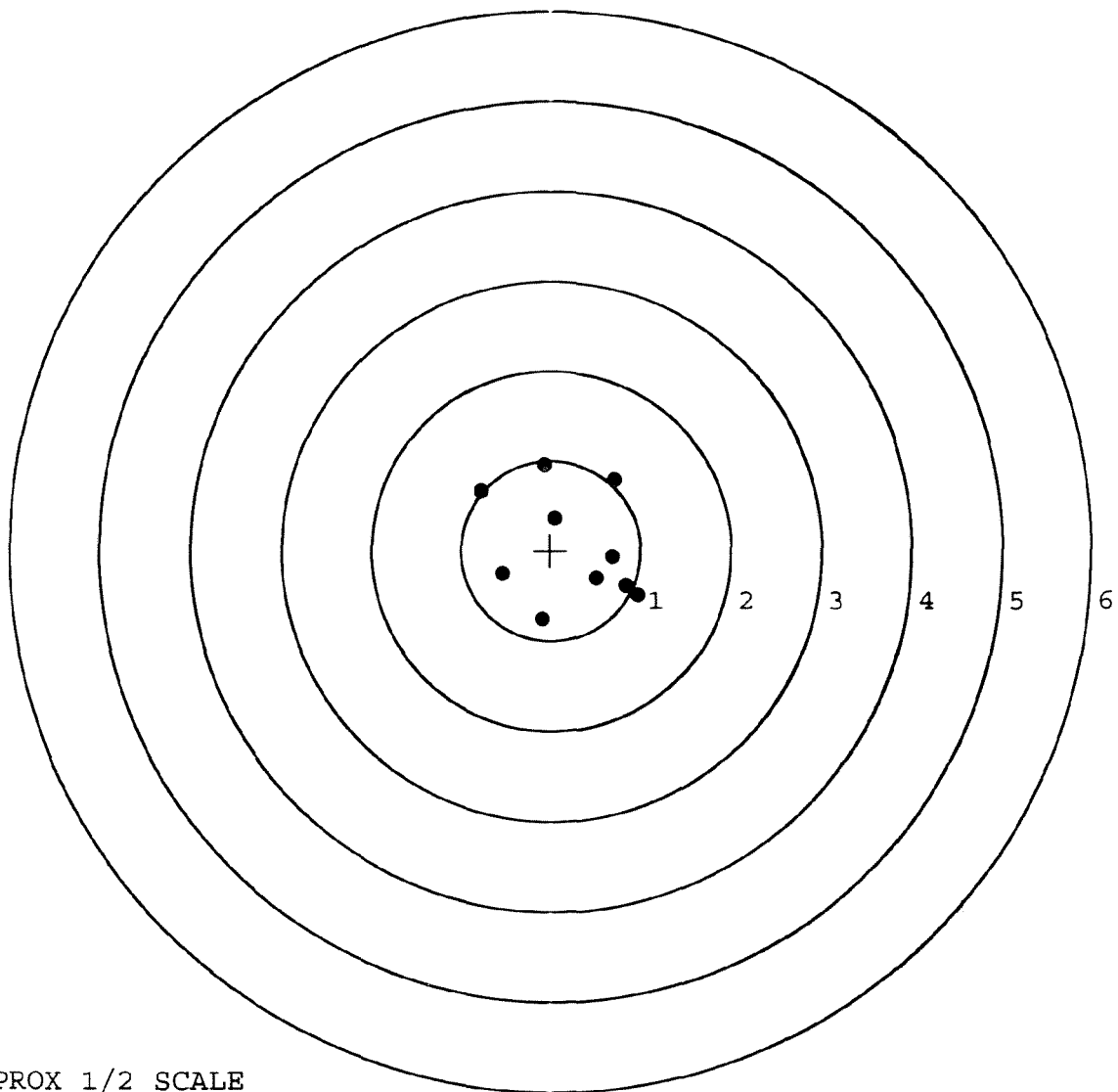
MAX RADIUS: 1.179

MEAN RADIUS: 0.767

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



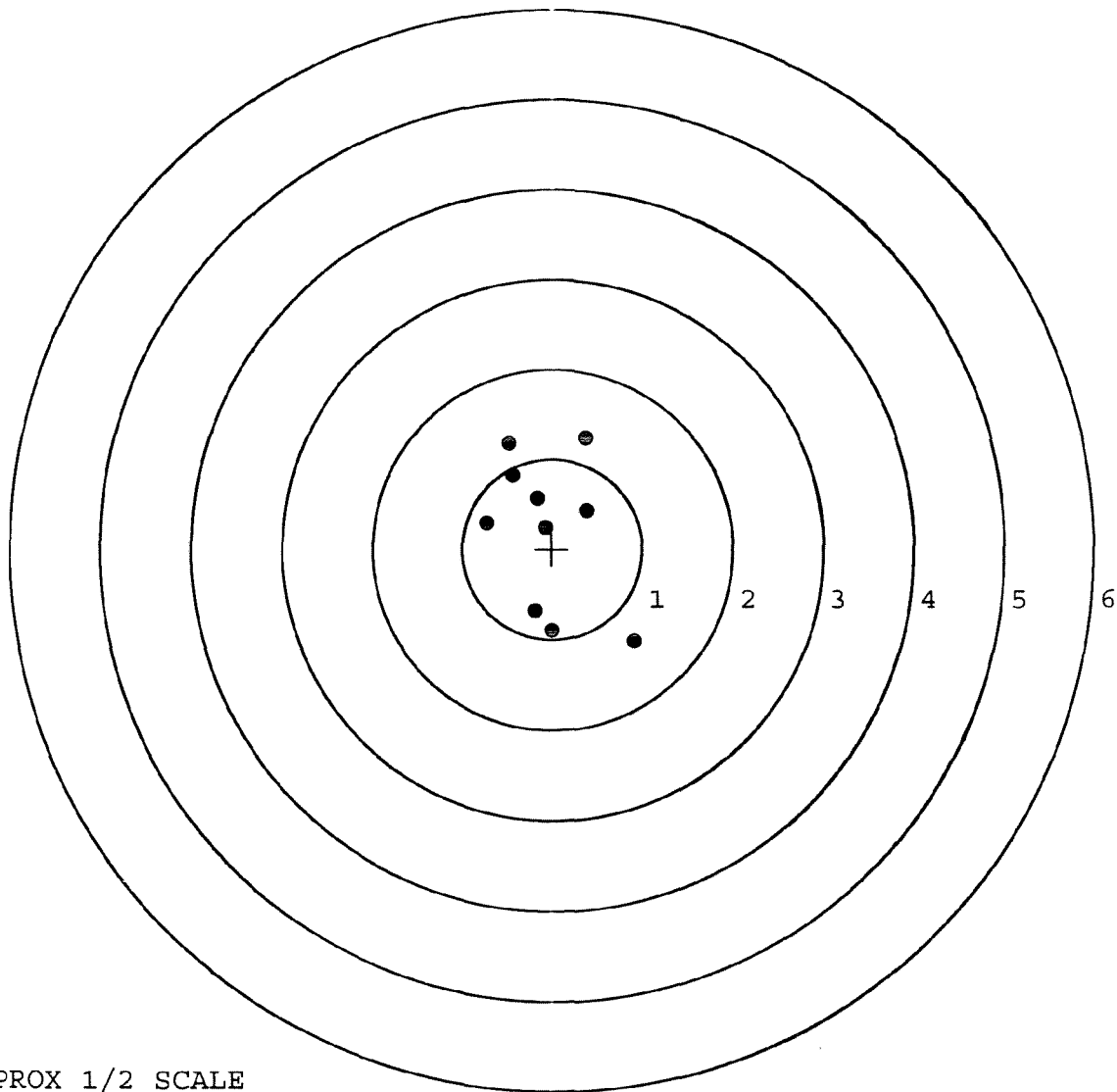
TARGET APPROX 1/2 SCALE

BARBER - M24 0038910

SERIAL NUMBER: C6348817. 0
 TARGET NUMBER: 3
 FILE DATE: 04/02/2008
 FILE TIME: 11:29

POINT#	X	Y
1:	-0.070	0.238
2:	0.385	0.427
3:	-0.163	0.564
4:	-0.437	0.820
5:	-0.731	0.290
6:	-0.480	1.174
7:	0.378	1.235
8:	-0.193	-0.689
9:	-0.005	-0.911
10:	0.911	-1.025

X CENTROID: -0.040
 Y CENTROID: 0.212
 POA TO CENTROID: 0.216
 HORZ SPREAD: 1.642
 VERT SPREAD: 2.260
 GROUP SPREAD: 2.602
 MIN RADIUS: 0.039
 MAX RADIUS: 1.561
 MEAN RADIUS: 0.807
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0038911

SERIAL NUMBER: C6348817. __0

TARGET NUMBER: 4

FILE DATE: 04/02/2008

FILE TIME: 11:29

POINT#	X	Y
1:	-0.138	1.157
2:	0.020	0.977
3:	0.247	1.125
4:	0.101	0.419
5:	-0.361	0.068
6:	-0.825	0.300
7:	-0.440	-0.655
8:	0.357	-0.676
9:	0.751	-0.245
10:	0.985	-0.560

X CENTROID: 0.070

Y CENTROID: 0.191

POA TO CENTROID: 0.203

HORZ SPREAD: 1.810

VERT SPREAD: 1.833

GROUP SPREAD: 2.052

MIN RADIUS: 0.230

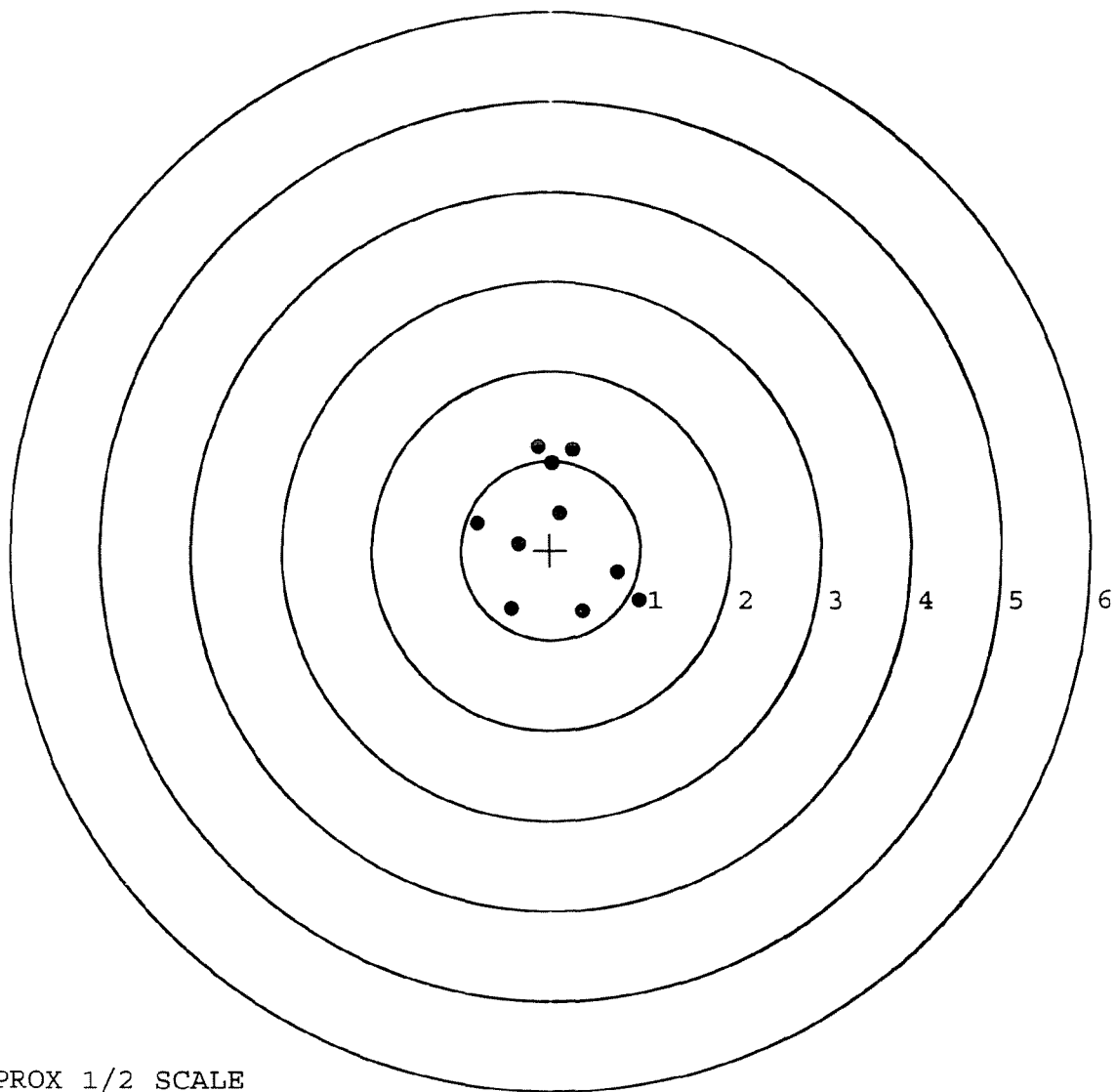
MAX RADIUS: 1.184

MEAN RADIUS: 0.820

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0038912

SERIAL NUMBER: C6348817. __0

TARGET NUMBER: 5

FILE DATE: 04/02/2008

FILE TIME: 11:29

POINT#	X	Y
1:	0.360	1.551
2:	0.589	0.800
3:	0.160	0.254
4:	-0.234	0.354
5:	-0.850	0.435
6:	-1.473	1.073
7:	0.782	-0.204
8:	0.342	-0.909
9:	-0.075	-1.059
10:	-0.590	-0.709

X CENTROID: -0.099

Y CENTROID: 0.159

POA TO CENTROID: 0.187

HORZ SPREAD: 2.255

VERT SPREAD: 2.610

GROUP SPREAD: 2.687

MIN RADIUS: 0.238

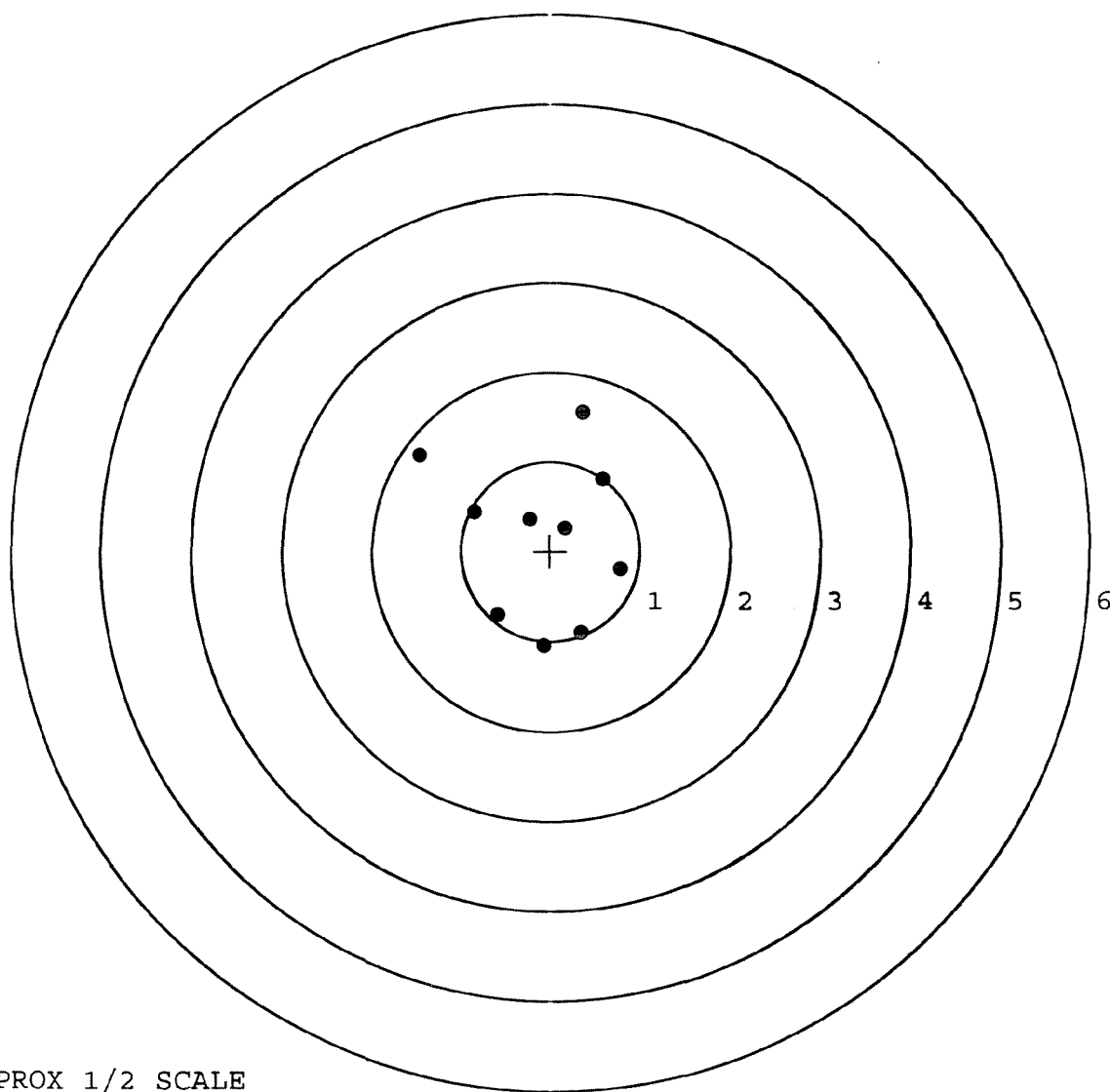
MAX RADIUS: 1.651

MEAN RADIUS: 0.969

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149R & E NUMBER 00141566SERIAL NUMBER C6348817LOG-IN DATE 2-12-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-08	L.P.D.
505	RE-BARREL	2-20-08	L.P.D.
560	ASSEMBLE	2-20-08	L.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	unus
510	DRILL AND TAP	3-12-08	Fm
615	ROLLMARK CALIBER	3-13-08	CW
618	ROTO-BLAST	3-14-08	DG
620	APPLY COATINGS	3-26-08	HP
625	FINAL ASSEMBLY	3-28-08	L.P.D.
640	FUNCTION TEST AND	4-2-08	TRW
650	TARGET	4-2-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-3-08	Fm
	A) HEADSPACE	PASS FAIL	4-3-08 Fm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.89 2.82 2.85 2.90 2.84 4/3/08 Fm
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4- 4- 4- 4/3/08 Fm
	G) SAFETY OFF FORCE	2 LBS MIN	4- 4- 4- 4/3/08 Fm
	I) FIRING PIN INDENT	.020	.022 .022 .022 4/3/08 Fm
690	PACK		4-17-08 Fm

Repair Inquiry

Repair Number: RE00062257

Serial: C6348817 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/26/2003 11:54:33 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: JOINT TRANS DIRECTORATE

JOINT TRANS DIRECTORATE

Address 1: ATTN AF2H JTMM

ATTN AF2H JTMM

Address 2: BOX 339500 MS 53

PO Box:

BOX 339500 MS 53

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

naglej

2/26/2003

1:06 PM

CAPS

NUM

INS

SCPL

Start

Mailbox - Microsoft...

Calendar - Micro...

Arms Services R...

1:06 PM

Serial Number: C6348817

Model: 700



RE00062257

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348817.___0

FILE DATE AND TIME: 03/21/2003 15:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

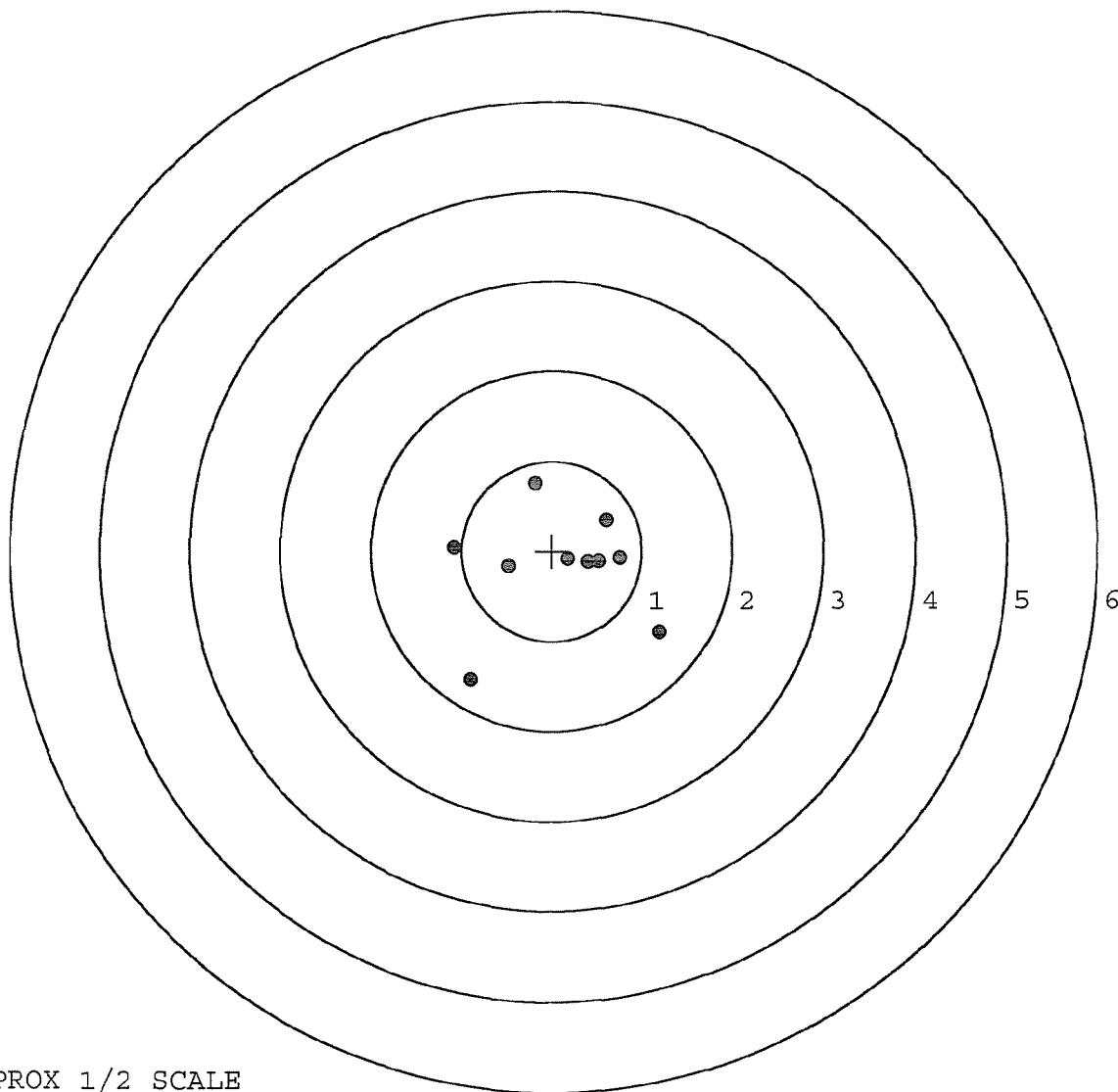
The Average X Centroid of the Five Target Set:	0.047
The Average Y Centroid of the Five Target Set:	-0.132
The Average Point of Impact of the Five Target Set:	0.140
The Average Mean Radius of the Five Target Set:	0.725
The Distance from POA to Centroid Target #1:	0.204
The Distance from Centroid Target #2 to Centroid Target #1:	0.323
The Distance from Centroid Target #3 to Centroid Target #1:	0.189
The Distance from Centroid Target #4 to Centroid Target #1:	0.203
The Distance from Centroid Target #5 to Centroid Target #1:	0.110

BARBER - M24 0038916

SERIAL NUMBER: C6348817. __0
 TARGET NUMBER: 1
 FILE DATE: 03/21/2003
 FILE TIME: 15:30

POINT#	X	Y
1:	1.197	-0.904
2:	0.754	-0.079
3:	0.521	-0.119
4:	0.402	-0.124
5:	0.179	-0.091
6:	0.601	0.352
7:	-0.897	-1.434
8:	-0.480	-0.170
9:	-1.082	0.036
10:	-0.192	0.756

X CENTROID: 0.100
 Y CENTROID: -0.178
 POA TO CENTROID: 0.204
 HORZ SPREAD: 2.279
 VERT SPREAD: 2.190
 GROUP SPREAD: 2.331
 MIN RADIUS: 0.117
 MAX RADIUS: 1.604
 MEAN RADIUS: 0.792
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



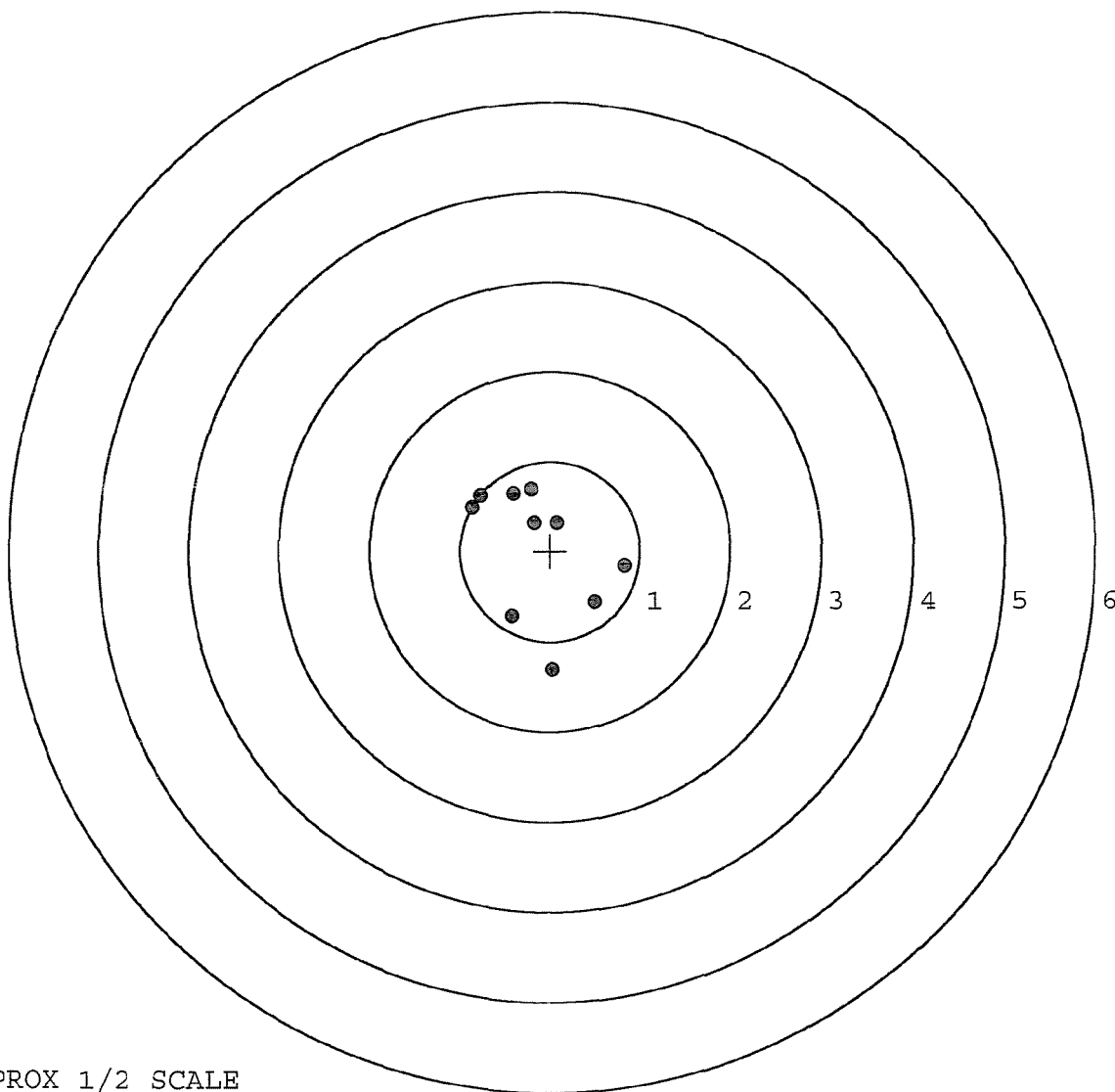
TARGET APPROX 1/2 SCALE

BARBER - M24 0038917

SERIAL NUMBER: C6348817.0
 TARGET NUMBER: 2
 FILE DATE: 03/21/2003
 FILE TIME: 15:30

POINT#	X	Y
1:	0.829	-0.164
2:	0.498	-0.573
3:	0.032	-1.316
4:	-0.431	-0.721
5:	-0.776	0.619
6:	-0.870	0.485
7:	-0.420	0.642
8:	-0.216	0.690
9:	-0.185	0.317
10:	0.071	0.317

X CENTROID: -0.147
 Y CENTROID: 0.030
 POA TO CENTROID: 0.150
 HORZ SPREAD: 1.699
 VERT SPREAD: 2.006
 GROUP SPREAD: 2.097
 MIN RADIUS: 0.290
 MAX RADIUS: 1.357
 MEAN RADIUS: 0.774
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



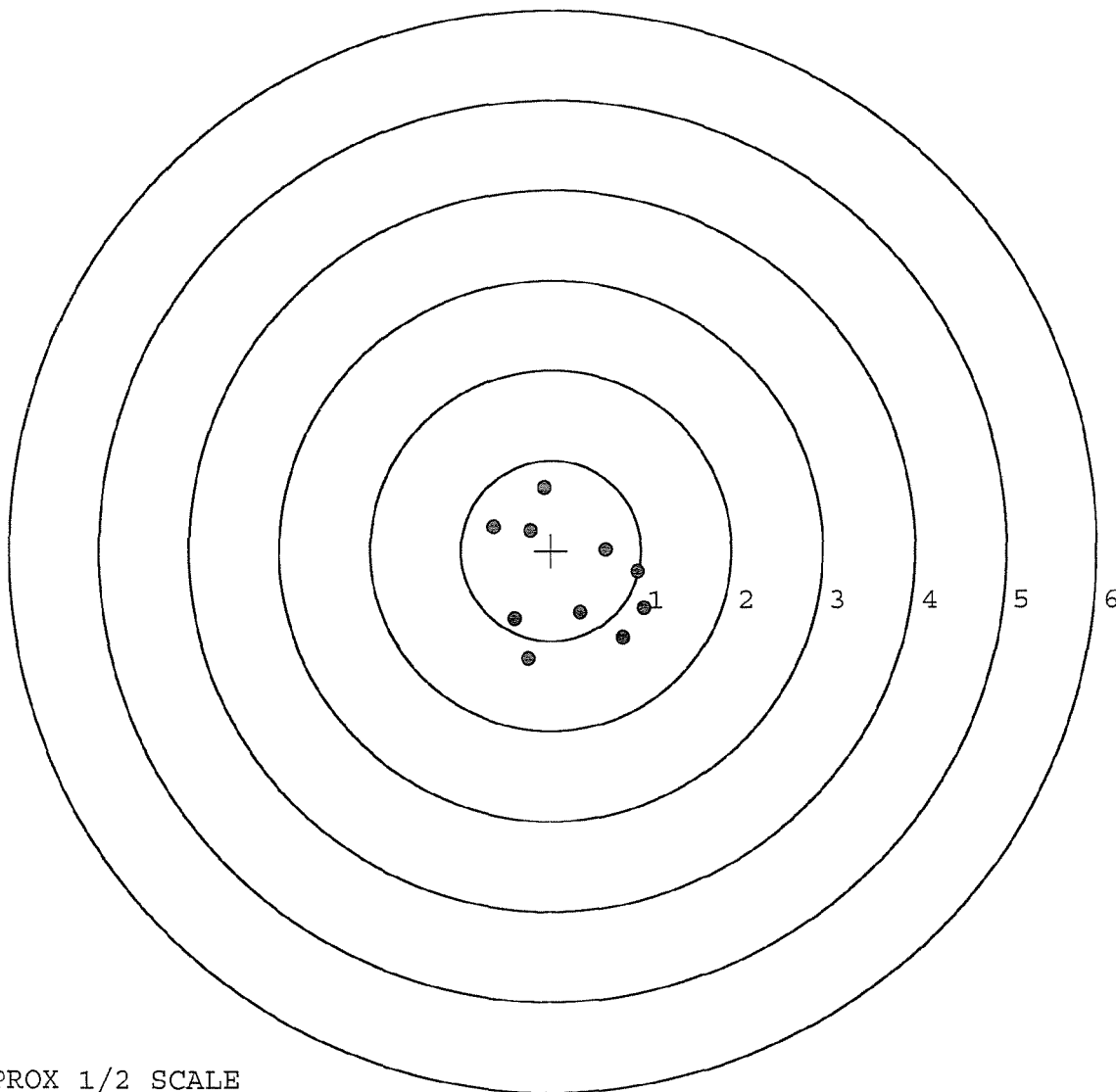
TARGET APPROX 1/2 SCALE

BARBER - M24 0038918

SERIAL NUMBER: C6348817. __0
 TARGET NUMBER: 3
 FILE DATE: 03/21/2003
 FILE TIME: 15:30

POINT#	X	Y
1:	-0.248	-1.203
2:	-0.409	-0.761
3:	0.325	-0.694
4:	0.796	-0.971
5:	1.038	-0.645
6:	0.963	-0.237
7:	0.611	0.020
8:	-0.082	0.700
9:	-0.234	0.221
10:	-0.641	0.266

X CENTROID: 0.212
 Y CENTROID: -0.330
 POA TO CENTROID: 0.393
 HORZ SPREAD: 1.679
 VERT SPREAD: 1.903
 GROUP SPREAD: 1.910
 MIN RADIUS: 0.381
 MAX RADIUS: 1.071
 MEAN RADIUS: 0.798
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

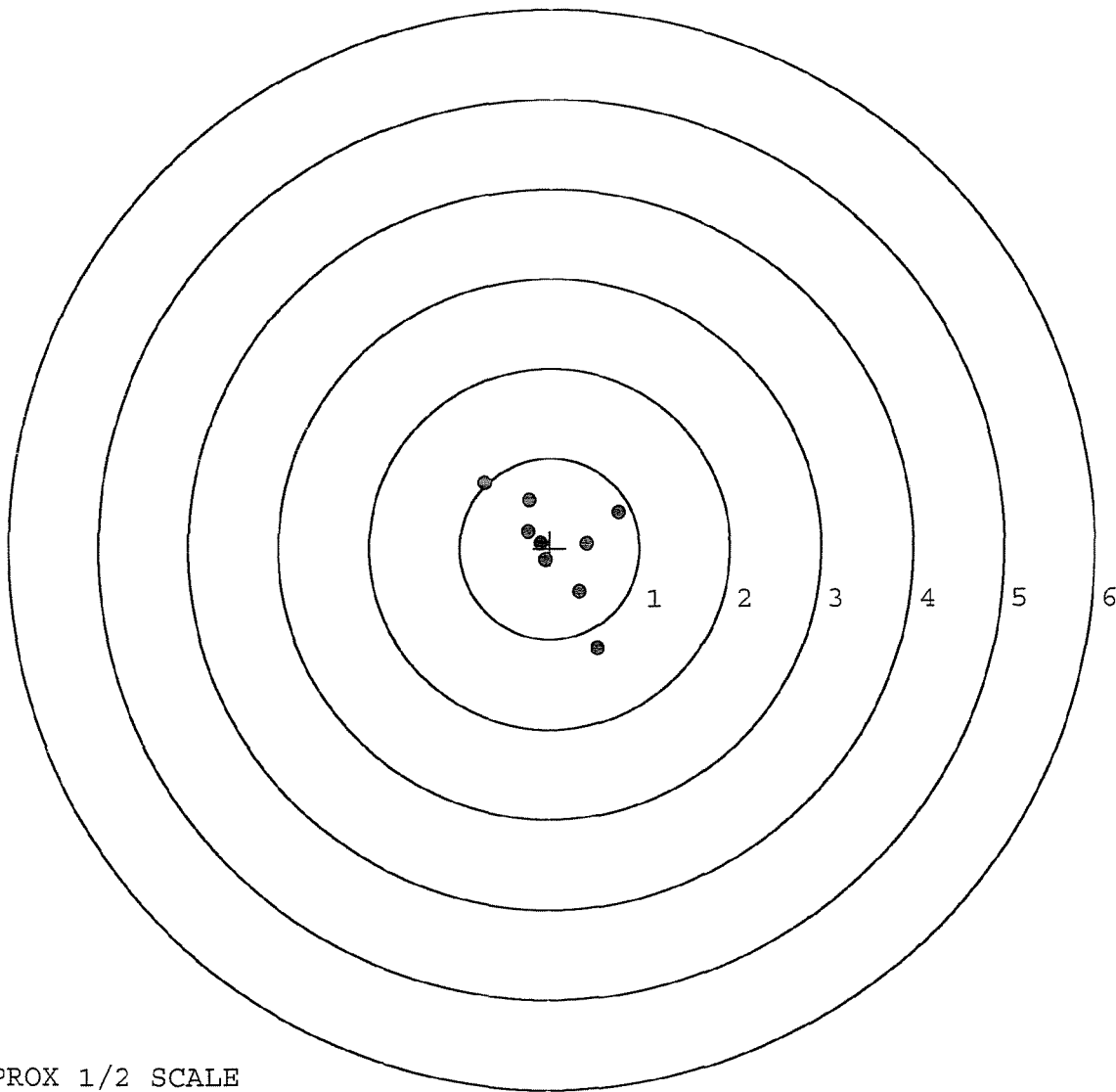


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348817.____0
 TARGET NUMBER: 4
 FILE DATE: 03/21/2003
 FILE TIME: 15:30

POINT#	X	Y
1:	0.535	-1.106
2:	0.330	-0.484
3:	0.416	0.053
4:	0.763	0.394
5:	-0.731	0.718
6:	-0.236	0.529
7:	-0.252	0.182
8:	-0.104	0.058
9:	-0.047	-0.127

X CENTROID: 0.075
 Y CENTROID: 0.024
 POA TO CENTROID: 0.079
 HORZ SPREAD: 1.494
 VERT SPREAD: 1.824
 GROUP SPREAD: 2.220
 MIN RADIUS: 0.182
 MAX RADIUS: 1.220
 MEAN RADIUS: 0.590
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348817. __0

TARGET NUMBER: 5

FILE DATE: 03/21/2003

FILE TIME: 15:30

POINT#	X	Y
1:	0.122	-1.082
2:	0.109	-1.153
3:	1.161	0.501
4:	0.064	0.289
5:	-0.676	0.669
6:	-0.674	-0.407
7:	-0.432	-0.122
8:	-0.211	-0.202
9:	0.130	-0.347
10:	0.350	-0.205

X CENTROID: -0.006

Y CENTROID: -0.206

POA TO CENTROID: 0.206

HORZ SPREAD: 1.837

VERT SPREAD: 1.822

GROUP SPREAD: 2.047

MIN RADIUS: 0.196

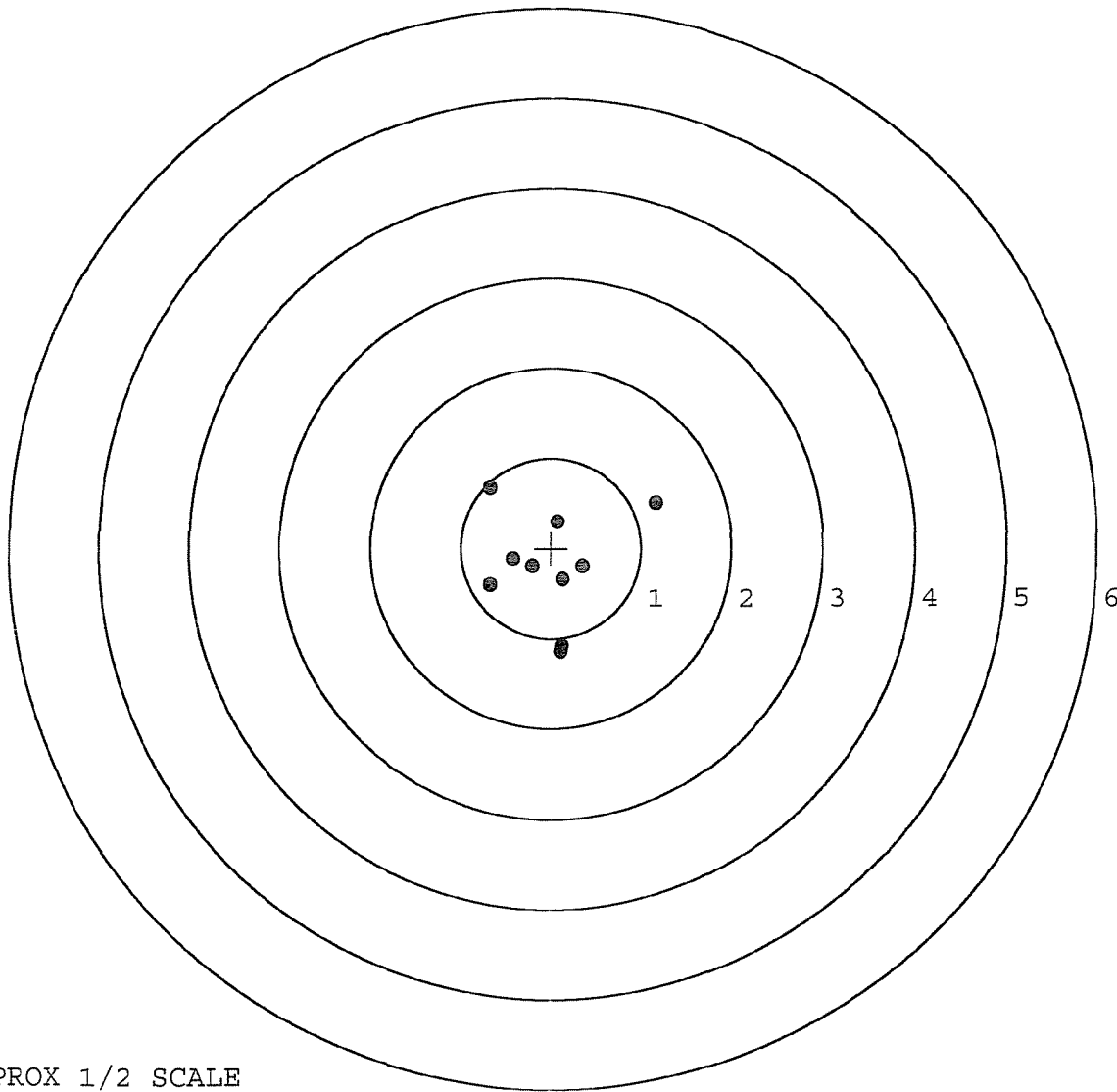
MAX RADIUS: 1.364

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0038921 M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	C02257		
SERIAL NUMBER	C6348817		
LOG-IN DATE	2-26-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-26-03	RTL
560 A	RE-BARREL	3-4-03	RTL
B	DRILL AND TAP	3-6-03	TRW
575	ASSEMBLE	3--5-03	RTL
600	PROOF	3-5-03	AC
605	CHECK HEADSPACE	3-5-03	AC
610	DIS-ASSEMBLE GUN	3-5-03	AC
612	MAGNAFLUX	3-7-03	LD
615	ROLLMARK CALIBER	3-7-03	AB
618	ROTO-BLAST	3-10-03	AO
620	APPLY COATINGS	3-18	TA
625 A	FINAL ASSEMBLY	3-19-03	EW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-20-03	AC
655	FINAL INSPECT -	3-21-03	RTL
660	PACK	3-21-03	QA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington
REMINGTON & CO. NEW YORK, N.Y.
REG. U.S. PAT. & TM. OFF. MARCA REGISTRADA

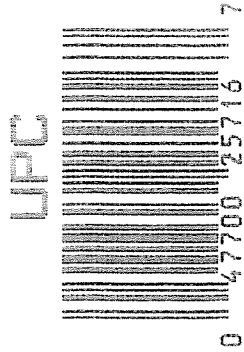
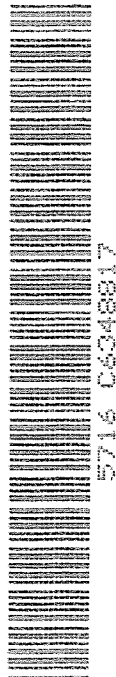
VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO.
C6048817

ORDER NO.
5716

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348817

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26 89	9/26/89	RW
600	Proof	9 26 89	9/26/89	RW
607	Check Headspace	9 26 89	9/26/89	RW
610	Dis-assemble Gun	9 26 89	9/26/89	RW
612	Magnaflux Barrel Action	9/29/89	9/29/89	KCR
	Magnaflux Bolt	9/29/89	9/29/89	KCR
615	Rollmark Caliber	9/29/89	9/29/89	LS
7	Drill and Tap Sight Holes	9 29 89	9/29/89	YB
618	Polish Barrel RB	9 29 89	9/29/89	BT
620	Apply Coatings (Barrel Action)		10/1/89	TH
	Apply Coating (Bolt)		10/1/89	TH
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/2/89	RW
	C) Inspect Ejector Hole for Chamfer		10/2/89	RW
	D) Oil Firing Pin Ass'y		10/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		25 Oct 89	JS

BARBER - M24 0038924							DATE	INIT
op. #	OP. NAME	READINGS						
625 cont.	F) Safety On Force	5	5	5			10/25/89	90
	G) Safety Off Force	4	4	4			10/25/89	91
	H) Trigger Pull Test & Retainability						25 Oct 89	92
	I) Firing Pin Indent	.022	.022	.021			10/24/89	93
	J) Assemble Stock						10/26/89	94
	K) Assemble Swivel Studs						27 Oct 89	95
	L) Attach Front and Rear Sight Assemblies						10/26/89	96
	M) Iron Sight Alignment						10/26/89	97
	N) Detach Front & Rear Sights & place in numbered container						10/26/89	98
	O) Attach Scope to Rifle						10/26/89	99
	P) Detach & Attach Scope 20 Times						10/24/89	100
640	Gallery Target & Test						10-26-89	101
	A) Time						10-26-89	102
	B) Malfunctions						10-26-89	103
	C) Pierced Primers						10-26-89	104
	D) Optical Clarity of Scope						10-26-89	105
645	Inspect for Live Ammo						10-26-89	106
655	Final Inspection						27 Oct 89	107
	A) Headspace							
	B) Trigger Pull	2.61	2.52	2.61	2.61	2.69	10/27/89	108
	C) Function						27 Oct 89	109
660	Pack						18 Dec 89	110

SWS TRIGGER PULL TEST

BARBER - M24 0038925

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348817DATE 3-29-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.55	2.39	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.46	2.54	
PULL #3	2.47	2.50	2.53	
PULL #4	2.46	2.39	2.54	
PULL #5	2.43	2.39	2.52	
TOTAL	12.29	12.13	12.62	
AVG.	2.458	2.426	2.524	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.57	3.51	
PULL #2	3.52	3.50	
PULL #3	3.55	3.57	
PULL #4	3.67	3.52	
PULL #5	3.54	3.46	
TOTAL	17.85	17.56	
AVG.	3.57	3.512	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.37		
PULL #2	4.51	4.48		
PULL #3	4.48	4.56		
PULL #4	4.54	4.56		
PULL #5	4.52	4.55		
TOTAL	22.59	22.52		
AVG.	4.518	4.504		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348817
27 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.724752
1 TO	2	.412409
1 TO	3	.458713
1 TO	4	.626631
1 TO	5	.425735

125' -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5496
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0704
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .554091
THE AMR FOR THIS RIFLE IS: .901

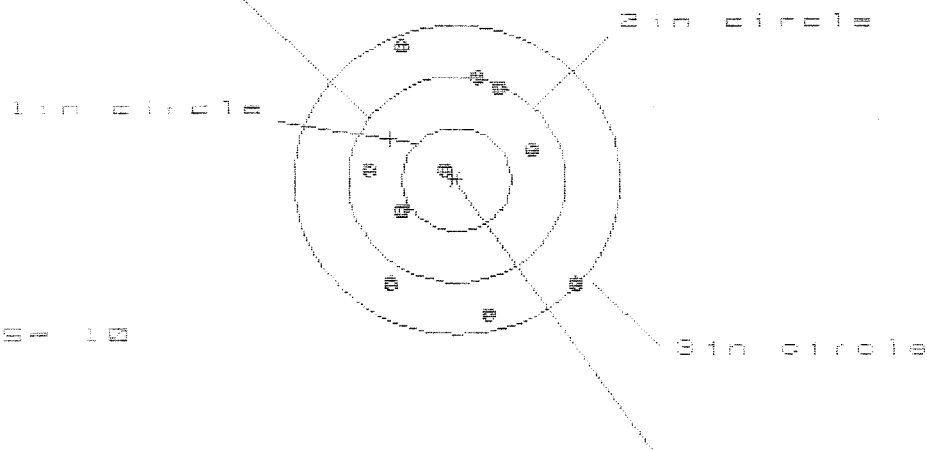
27 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C934B817

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.881

VS= 2.545

GS= 2.821

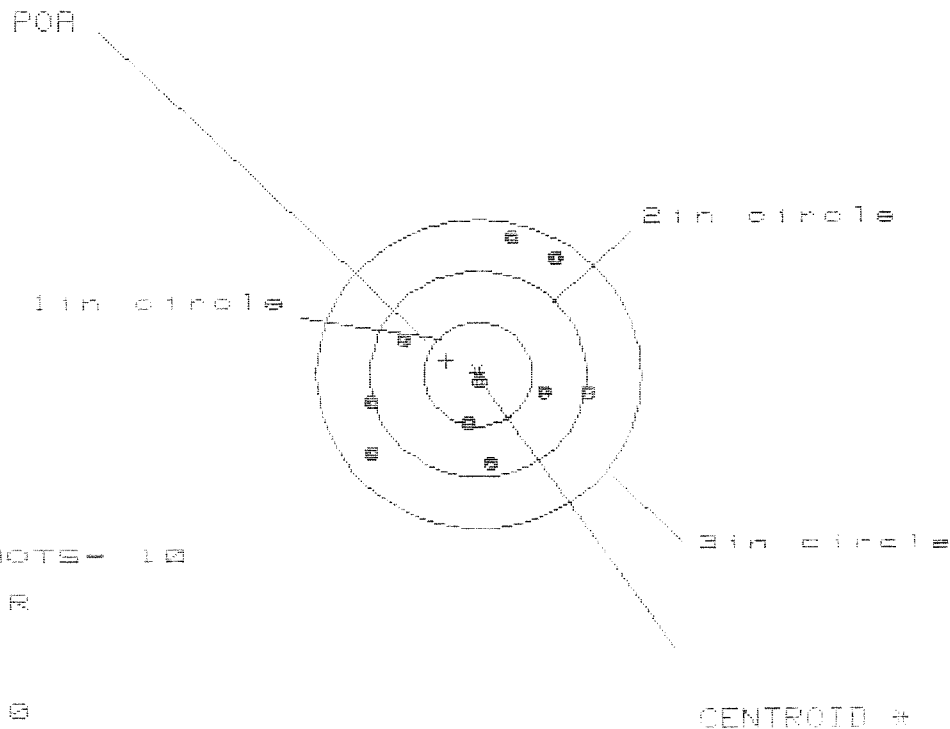
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.071	.811	.756
MINIMUM X	-.810	-.691	-.746
MAXIMUM Y	1.279	1.165	1.028
MINIMUM Y	-1.266	-1.380	-1.234
CENTROID X	.607	.488	.543
CENTROID Y	-.396	-.282	-.428
POA TO CENTROID in.	.725	.564	.691
MIN RADIUS	.145	.063	.164
MEAN RADIUS	.970	.887	.851
MAX RADIUS	1.483	1.431	1.277
HORIZONTAL SPREAD	1.881	1.502	1.502
VERTICAL SPREAD	2.545	2.545	2.262
EXTREME SPREAD	2.821	2.673	2.264
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

27 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08948817

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.078

VS = 2.274

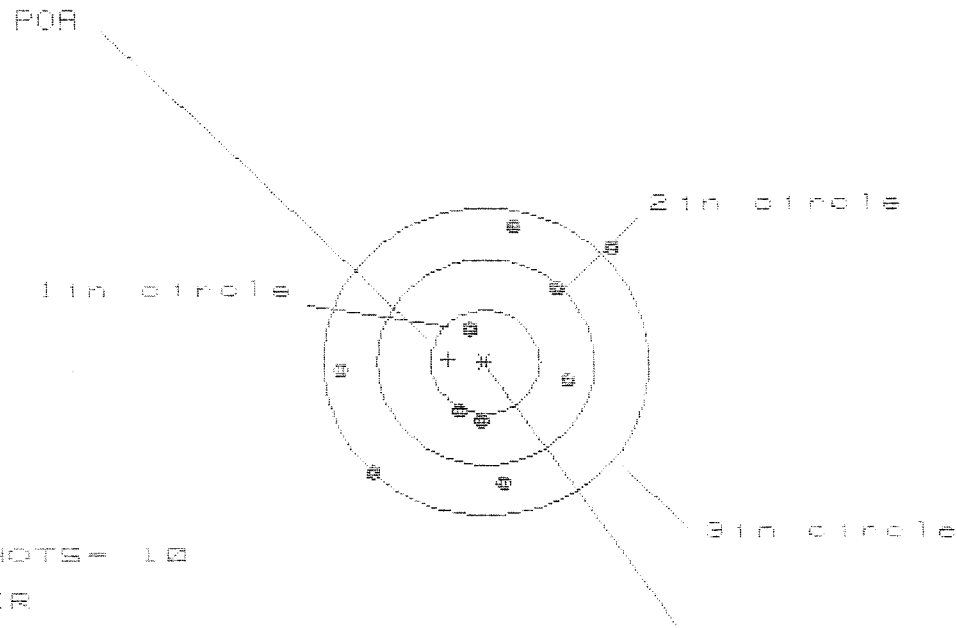
GS = 2.523

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.046	1.080	1.176
MINIMUM X	:	-1.032	-0.998	-0.982
MAXIMUM Y	:	1.358	1.248	1.679
MINIMUM Y	:	-0.916	-0.765	-0.689
CENTROID X	:	.291	.257	.161
CENTROID Y	:	-0.131	-0.282	-0.438
POR TO CENTROID in.	:	.319	.381	.467
MIN RADIUS	:	.087	.067	.121
MEAN RADIUS	:	.889	.805	.788
MAX RADIUS	:	1.393	1.463	1.179
HORIZONTAL SPREAD	:	2.078	2.078	2.078
VERTICAL SPREAD	:	2.274	2.013	1.298
EXTREME SPREAD	:	2.523	2.523	2.078
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C834B817

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 0

H0 = 0.454

V0 = 2.585

G0 = 0.675

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.113	.858	.738
MINIMUM X	-1.341	-1.217	-1.329
MAXIMUM Y	1.362	1.450	1.373
MINIMUM Y	-1.223	-1.095	-1.212
CENTROID X	.340	.216	.328
CENTROID Y	-.023	-.151	-.034
POA TO CENTROID in.	.341	.264	.330
MIN RADIUS	.317	.350	.324
MEAN RADIUS	1.014	.931	.883
MAX RADIUS	1.604	1.527	1.391
HORIZONTAL SPREAD	2.454	2.067	2.067
VERTICAL SPREAD	2.585	2.585	2.585
EXTREME SPREAD	3.075	2.718	2.585
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

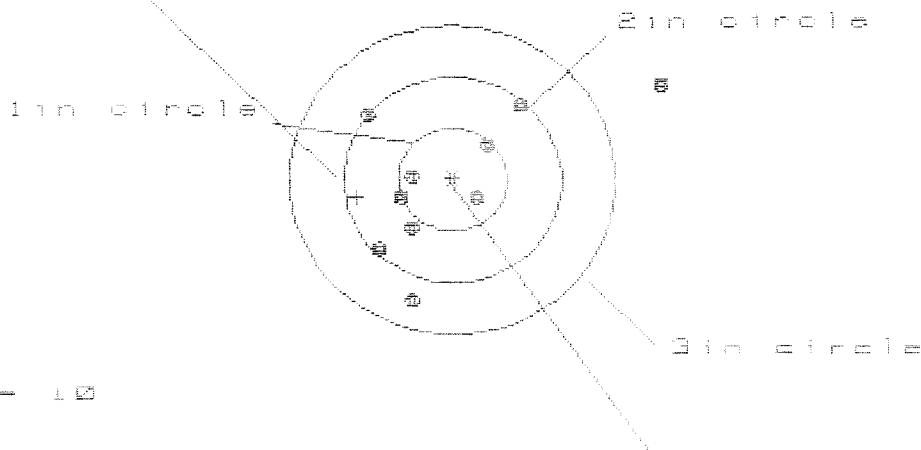
27 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6346817

CENTERFIRE PATTERNS

4

POR



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HSI = 0.855

VS = 2.182

GS = 0.182

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.916	.866	.836
MINIMUM X	-.739	-.526	-.538
MAXIMUM Y	.964	.792	.653
MINIMUM Y	-1.218	-1.111	-.711
CENTROID X	.878	.665	.689
CENTROID Y	.169	.062	.201
POR TO CENTROID in.	.894	.666	.718
MIN RADIUS	.314	.229	.176
MEAN RADIUS	.868	.681	.624
MAX RADIUS	2.144	1.169	1.061
HORIZONTAL SPREAD	2.655	1.386	1.386
VERTICAL SPREAD	2.182	1.903	1.364
EXTREME SPREAD	3.182	2.172	1.934
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

27 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346817

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 5

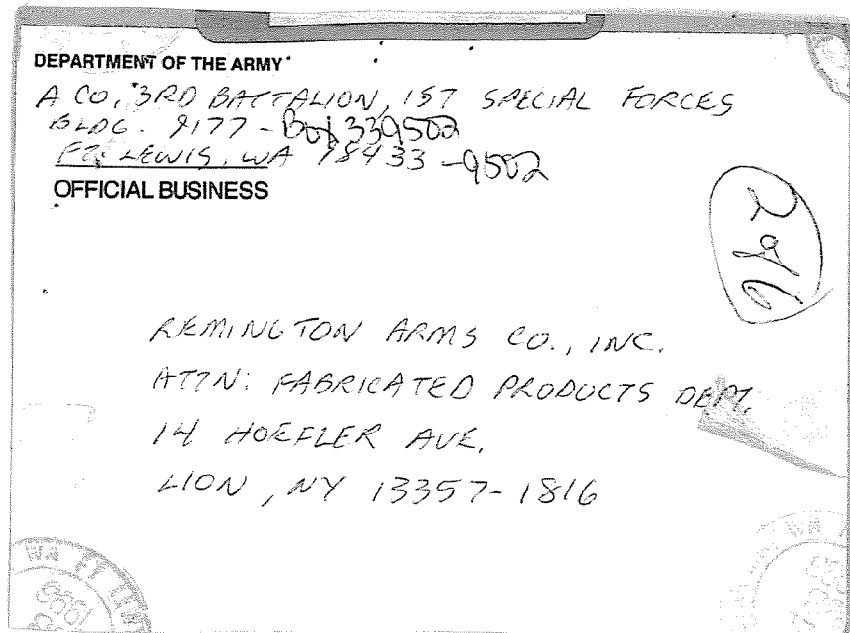
3 in = 8

HS = 1.688

VS = 2.613

GS = 2.669

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.004
MINIMUM X	-.689
MAXIMUM Y	1.099
MINIMUM Y	-1.514
CENTROID X	.632
CENTROID Y	.029
POA TO CENTROID in.	.633
MIN RADIUS	.176
MEAN RADIUS	.704
MAX RADIUS	1.515
HORIZONTAL SPREAD	1.693
VERTICAL SPREAD	2.613
EXTREME SPREAD	2.669
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8



CLASSIFIED DOCUMENT ACCOUNTABILITY RECORD						DATE
For use of this form, see AR 380-5; the proponent agency is the Office, Assistant Chief of Staff for Intelligence.						
SECTION A - GENERAL						
TO: REMINGTON ARMS CO., INC. ATTN: FABRICATED PRODUCTS DEPT. 14 HOEFLER AVE. LION, NY 13357-1816				FROM: A COMPANY, 3RD BATT., 1ST SPECIAL FORCES GROUP FORT LEWIS, WA 98433		
DATE RECEIVED		ACTION OFFICE(S)		SUSPENSE DATE(S)		REGISTER OR CONTROL NO.
CONTROL LOG OR FILE NO.	CLASSIFI- CATION	NUMBER OF COPIES	DESCRIPTION (Type, File Ref., Unclassified Subject or Short Title and Number of Indorsements/Incls)		DATE OF DOCUMENT	ORIGINATOR
1		2	M24 7.62 SNIPER RIFLE W/SCOPE MOUNTS - 2 EACH SERIAL # C6348817 C6225376		22 FEB 96	M. Deis
SECTION B - ROUTING						
I ACKNOWLEDGE RECEIPT OF THE MATERIAL DESCRIBED HEREON						
TO	COPY NO.	DATE	PRINTED NAME	SIGNATURE		
1.						
2.						
3.						
4.						
5.						
SECTION C - DESTRUCTION CERTIFICATE (Check appropriate block)						
MATERIAL DESCRIBED HEREON HAS BEEN:						PAGE OR COPY NO
☐ DESTROYED ☐ TORN IN HALF AND PLACED IN A CLASSIFIED WASTE CONTAINER (AR 380-5)						
OFFICE SYMBOL	DATE	PRINTED NAME OF CUSTODIAN OR REP			SIGNATURE	
DESTRUCTION RECORD NO.	DATE	PRINTED NAME OF CERTIFYING/DESTR. OFF.			SIGNATURE	
PAGE OR COPY NUMBER	DATE	PRINTED NAME OF WITNESSING OFFICIAL			SIGNATURE	
SECTION D - REPRODUCTION AUTHORITY						
NUMBER OF COPIES TO BE REPRODUCED		AUTHORIZED BY			DATE	
SECTION E - RECEIPT/TRACER ACTION (Check appropriate block)						
☐ RECEIPT OF DOCUMENT(S) ACKNOWLEDGED ☐ DOCUMENT(S) HAVE NOT BEEN RECEIVED						
☐ TRACER ACTION: SIGNED RECEIPT FOR MATERIAL DESCRIBED ABOVE HAS NOT BEEN RECEIVED.						
DATE	PRINTED NAME, GRADE OR TITLE				SIGNATURE	
COMMENTS						

DA FORM 3964, 1 Jul 79

EDITION OF 1 NOV 72 IS OBSOLETE.

*U.S. GPO: 1989-246-477

Remington ARMS :

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION		2. NOMENCLATURE AND MODEL							
Aco/3rd bat		1st special Forces grp m24 SWS							
3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION			
7. APPLICABLE REFERENCE									
TM NUMBER		TM DATE		TM NUMBER		TM DATE			
COLUMN a — Enter TM item number.				COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.					
COLUMN b — Enter the applicable condition status symbol.				COLUMN e — Individual ascertaining completed corrective action initial in this column.					
COLUMN c — Enter deficiencies and shortcomings.									
STATUS SYMBOLS									
"X"—Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "—" Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL "/"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL—Indicates that a completely satisfactory condition exists. FOR AIRCRAFT—Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection)		8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME		10. MANHOURS REQUIRED	
SSG HAZEN, DONALD									
Donald C Hazen III									
TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS			CORRECTIVE ACTION			INITIAL WHEN CORRECTED	
a	b	c			d			e	
1		C 6225412 ✓			EXCESS OF				
2		C 6349192 ✓			10,000 RD/GUN				
3		C 6225398 ✓			EACH NEEDS REBARRELING				
4		C 6348832 ✓			TI TRIGGERS/STOCKS				
5		C 6225201 ✓							
6		C 6225108 ✓			Weapon were shot				
7		C 6348740 ✓			in sniper course				
8		C 6225598 ✓			They Notified us of				
9		C 6348817 ✓			the need for rebarreling				
10		C 6225376 ✓			do to Excess rounds				
11		C 6348872 ✓			AND Poor Shot Performance				
		EACH weapon			has scope mount				
		POC. SSG HAZEN,							
		3 Bat 1 ST S.F. Group							
		206 - 967-8813							

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348817

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/20/96	RW
600	Proof		3/20/96	RW
607	Check Headspace		3/20/96	RW
610	Dis-assemble Gun		3/20/96	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		4/3/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/3/96	RW
	C) Inspect Ejector Hole for Chamfer		4/3/96	RW
	D) Oil Firing Pin Ass'y		4/3/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	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		4/3/96	RP
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/3/96	RP
655	Final Inspection			
	A) Headspace		4/4/96	RW
	B) Trigger Pull			
	C) Function		4/4/96	RW
660	Pack			

Final Inspection

Sn: C6348817

DATE REC'D: 2/26/96

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 # 06348817
5 Feb 1988

CENTROIDAL DISTANCES

0 TO	1	.734156
1 TO	2	.170658
1 TO	3	.472697
1 TO	4	.323125
1 TO	5	.110023

3954
+ (----POA

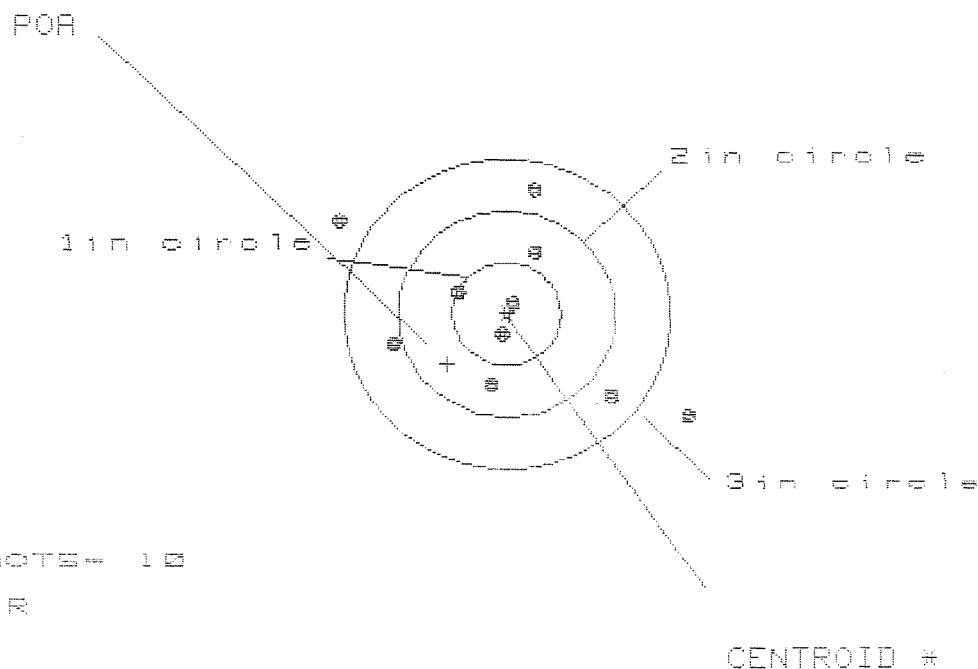
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4988
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .724169
THE BAR FOR THIS RIFLE IS: .9798

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06340817

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.149

VS= 2.247

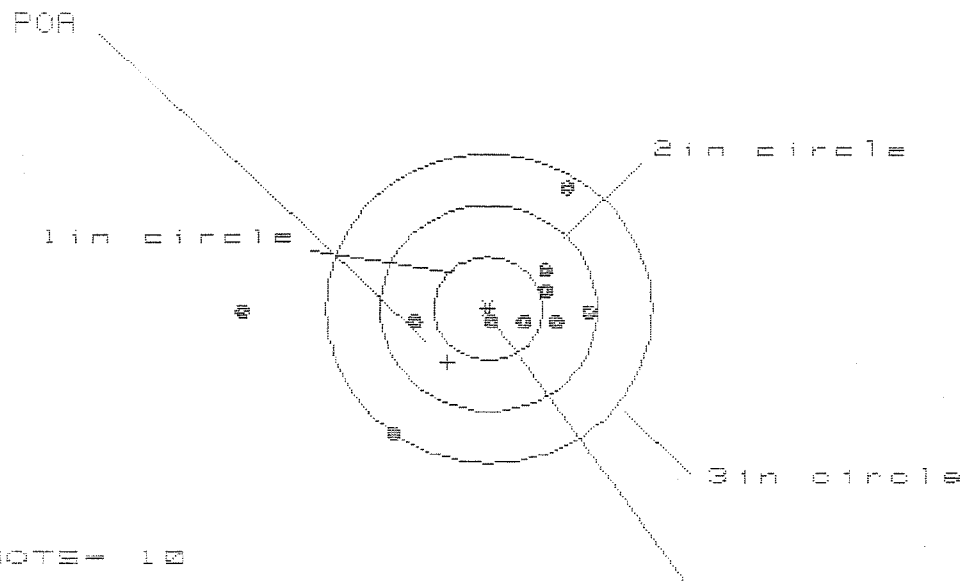
GS= 3.687

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.637	1.153	.987
MINIMUM X	-1.512	-1.330	-1.042
MAXIMUM Y	1.224	1.111	1.208
MINIMUM Y	-1.022	-.894	-.796
CENTROID X	.544	.362	.528
CENTROID Y	.493	.687	.589
POA TO CENTROID in.	.734	.787	.734
MIN RADIUS	.139	.272	.139
MEAN RADIUS	.945	.837	.728
MAX RADIUS	1.936	1.542	1.268
HORIZONTAL SPREAD	3.149	2.483	2.029
VERTICAL SPREAD	2.247	2.065	2.065
EXTREME SPREAD	3.687	2.995	2.126
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

5 Feb 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06346817

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HE = 3.187

VS = 2.397

GS = 3.237

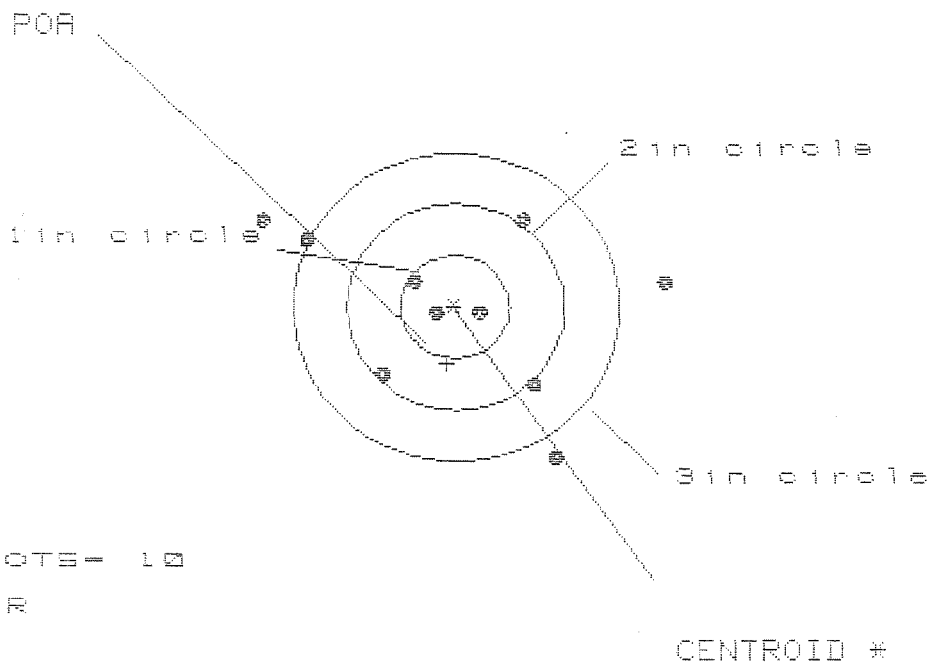
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.958	.711	.564
MINIMUM X	:	-2.229	-1.170	-1.052
MAXIMUM Y	:	1.187	1.182	1.031
MINIMUM Y	:	-1.210	-1.215	-.389
CENTROID X	:	.376	.623	.770
CENTROID Y	:	.523	.528	.679
POA TO CENTROID in.	:	.644	.817	1.027
MIN RADIUS	:	.118	.093	.175
MAX RADIUS	:	2.229	1.687	1.096
HORIZONTAL SPREAD	:	3.187	1.881	1.616
VERTICAL SPREAD	:	2.397	2.397	1.340
EXTREME SPREAD	:	3.237	2.932	1.955
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06846817

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 2.758

VS= 2.328

GS= 3.796

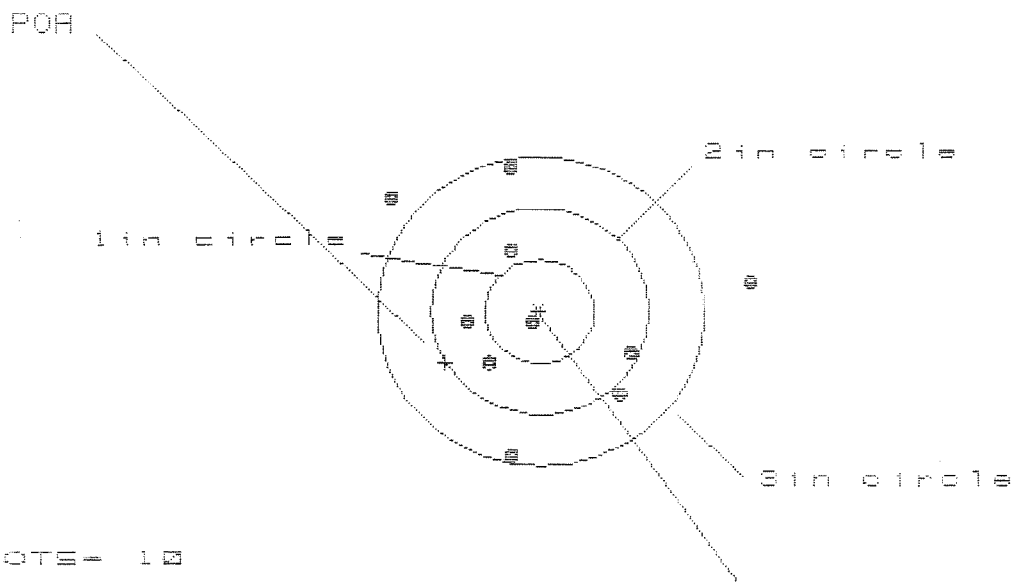
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.942
MINIMUM X	-1.817
MAXIMUM Y	.883
MINIMUM Y	-1.445
CENTROID X	.075
CENTROID Y	.552
POA TO CENTROID in.	.557
MIN RADIUS	.152
MEAN RADIUS	1.114
MAX RADIUS	1.985
HORIZONTAL SPREAD	3.759
VERTICAL SPREAD	2.328
EXTREME SPREAD	3.796
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	6

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348817

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HE = 3.252

VS = 2.776

GS = 3.447

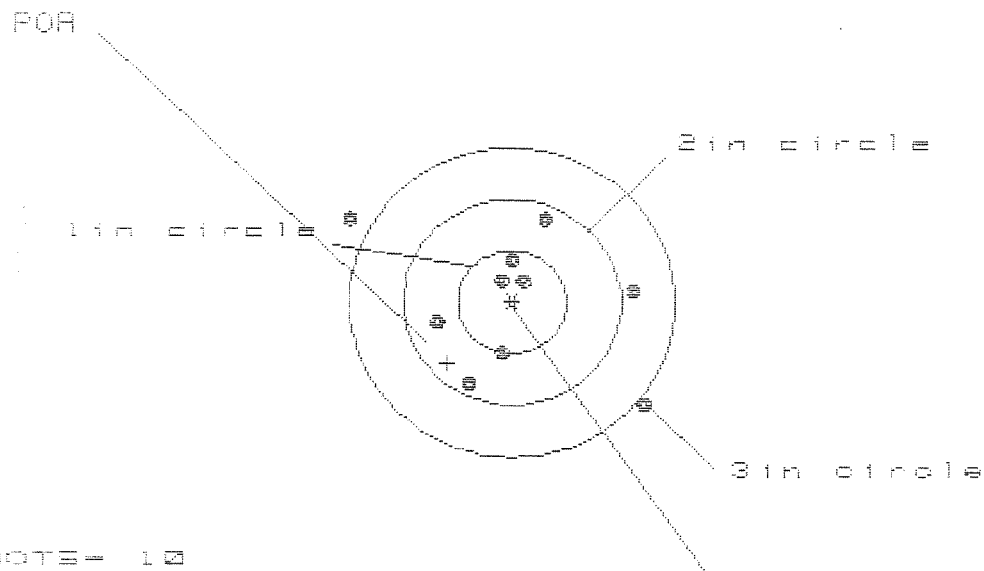
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.940	.999	.850
MINIMUM X	-1.411	-1.196	-.576
MAXIMUM Y	1.376	1.408	1.549
MINIMUM Y	-1.400	-1.368	-1.227
CENTROID X	.867	.652	.801
CENTROID Y	.502	.470	.329
POA TO CENTROID in.	1.002	.803	.866
MIN RADIUS	.083	.187	.102
MEAN RADIUS	1.068	.948	.844
MAX RADIUS	1.962	1.641	1.562
HORIZONTAL SPREAD	3.352	2.195	1.426
VERTICAL SPREAD	2.776	2.776	2.776
EXTREME SPREAD	3.447	2.869	2.776
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

5 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C834B817

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.640

VS= 1.804

CS= 3.198

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	-1.400	-1.000	-1.070
MINIMUM X	-1.477	-0.862	-0.738
MAXIMUM Y	.834	.896	.786
MINIMUM Y	-.970	-.877	-.858
CENTROID X	.592	.736	.632
CENTROID Y	.592	.499	.609
POA TO CENTROID in.	.837	.906	.877
MIN RADIUS	.193	.260	.159
MEAN RADIUS	.819	.740	.620
MAX RADIUS	1.697	1.329	1.070
HORIZONTAL SPREAD	2.640	1.861	1.814
VERTICAL SPREAD	1.804	1.773	1.644
EXTREME SPREAD	3.198	2.021	1.831
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	