

C6225485

MODEL 700™ 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: RE00144823

Serial: C6225485 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/24/2008 10:57:22 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

nagletj

4/24/2008

12:24 PM

DAFS

NUM

H start

4 Micros...

The Asso...

2 Micros...

SAP Logo...

Arms Ser...

Serial
Number:

C6225485

Model: M24 SWS



RE00144823

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225485.___0
FILE DATE AND TIME: 05/23/2008 05:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

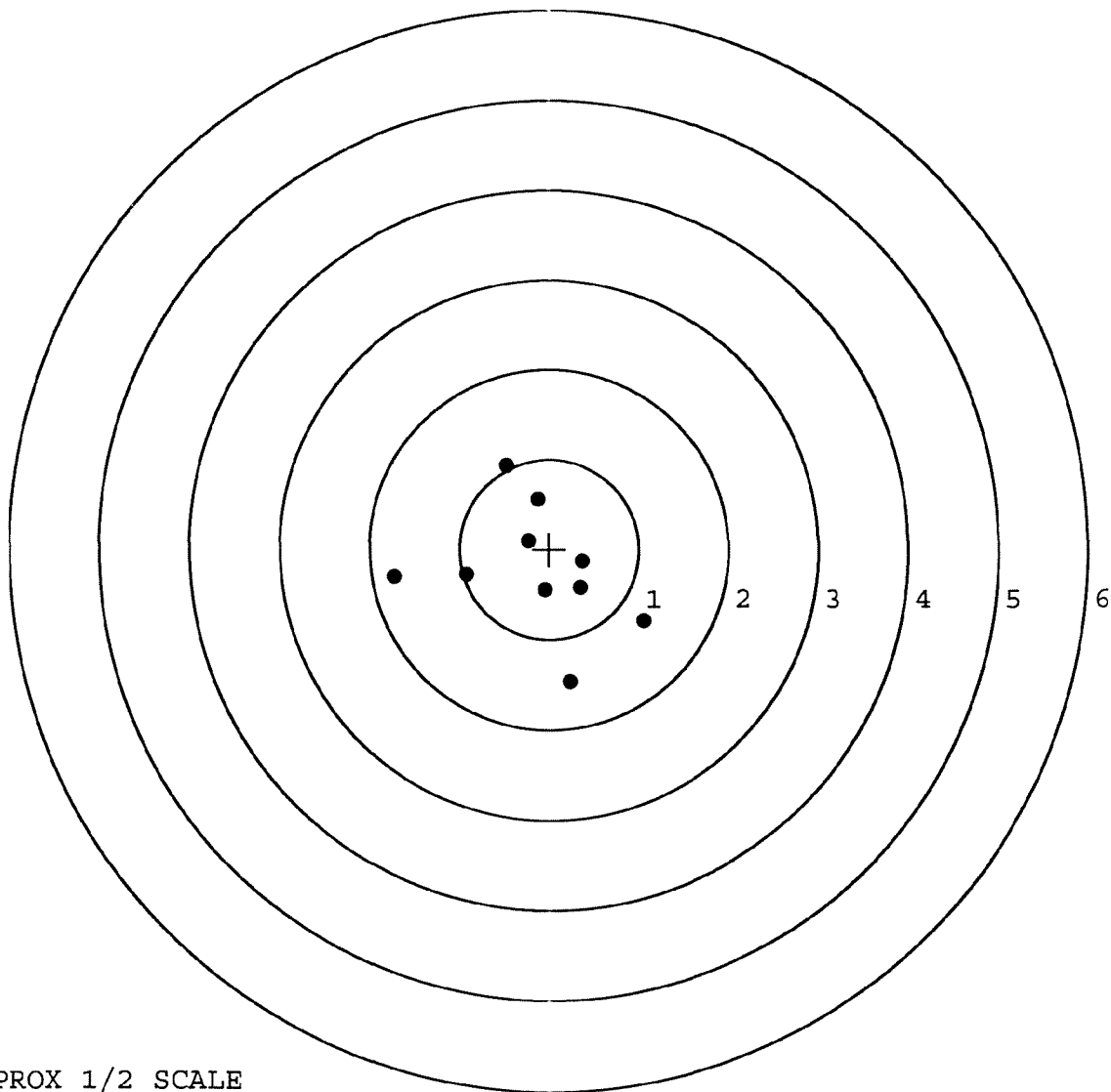
The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.681
The Distance from POA to Centroid Target #1:	0.279
The Distance from Centroid Target #2 to Centroid Target #1:	0.369
The Distance from Centroid Target #3 to Centroid Target #1:	0.217
The Distance from Centroid Target #4 to Centroid Target #1:	0.279
The Distance from Centroid Target #5 to Centroid Target #1:	0.211

BARBER - M24 0061804

SERIAL NUMBER: C6225485. 0
 TARGET NUMBER: 1
 FILE DATE: 05/23/2008
 FILE TIME: 05:37

POINT#	X	Y
1:	1.060	-0.798
2:	0.373	-0.139
3:	0.350	-0.431
4:	-0.049	-0.459
5:	0.238	-1.477
6:	-0.233	0.087
7:	-0.122	0.557
8:	-0.480	0.933
9:	-0.926	-0.293
10:	-1.731	-0.314

X CENTROID: -0.152
 Y CENTROID: -0.233
 POA TO CENTROID: 0.279
 HORZ SPREAD: 2.791
 VERT SPREAD: 2.410
 GROUP SPREAD: 2.833
 MIN RADIUS: 0.248
 MAX RADIUS: 1.581
 MEAN RADIUS: 0.865
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



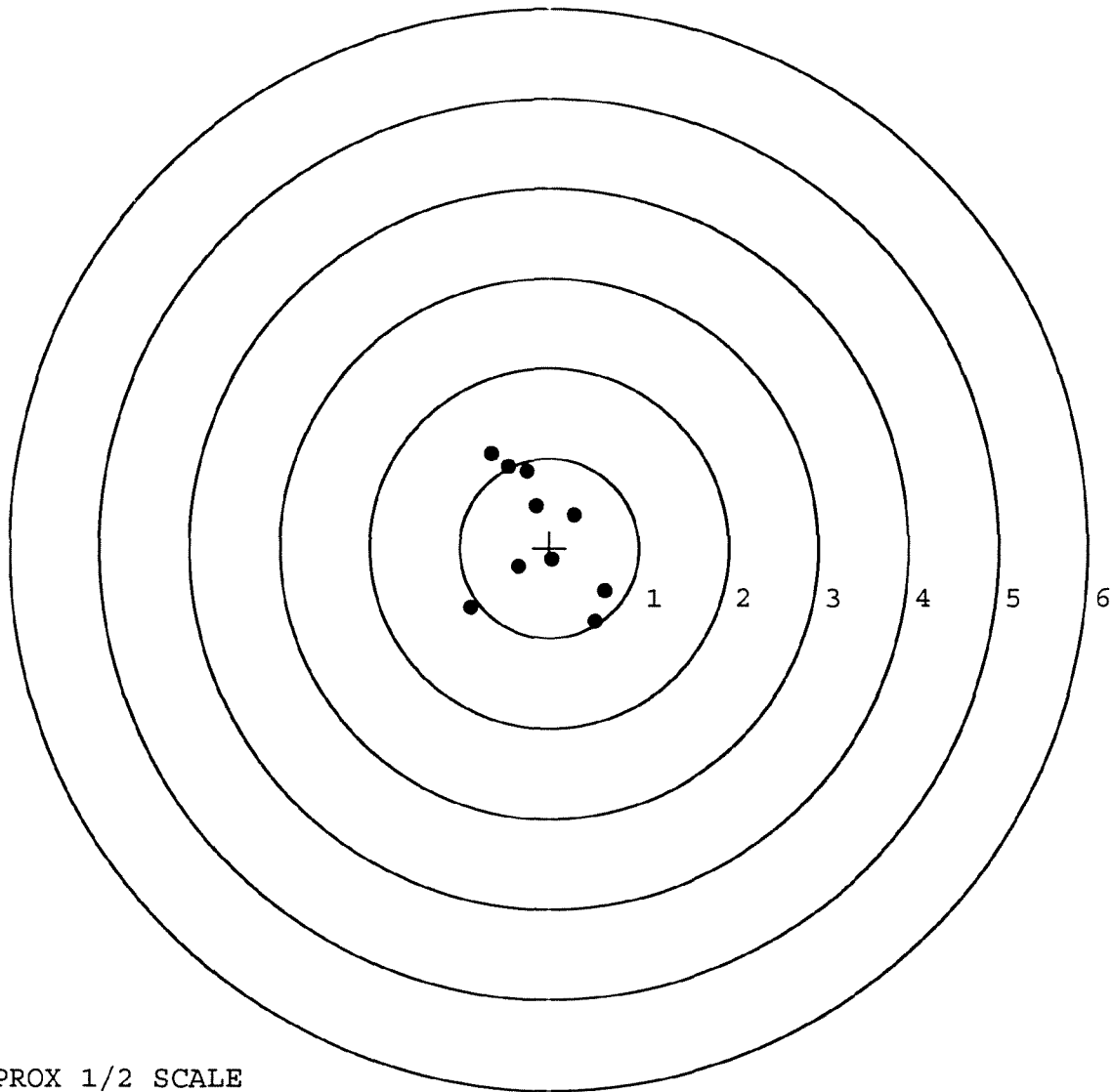
TARGET APPROX 1/2 SCALE

BARBER - M24 0061805

SERIAL NUMBER: C6225485. __0
 TARGET NUMBER: 2
 FILE DATE: 05/23/2008
 FILE TIME: 05:37

POINT#	X	Y
1:	0.622	-0.483
2:	0.519	-0.824
3:	0.282	0.372
4:	0.028	-0.132
5:	-0.352	-0.207
6:	-0.874	-0.668
7:	-0.142	0.470
8:	-0.249	0.858
9:	-0.455	0.910
10:	-0.647	1.050

X CENTROID: -0.127
 Y CENTROID: 0.135
 POA TO CENTROID: 0.185
 HORZ SPREAD: 1.496
 VERT SPREAD: 1.874
 GROUP SPREAD: 2.207
 MIN RADIUS: 0.308
 MAX RADIUS: 1.156
 MEAN RADIUS: 0.738
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



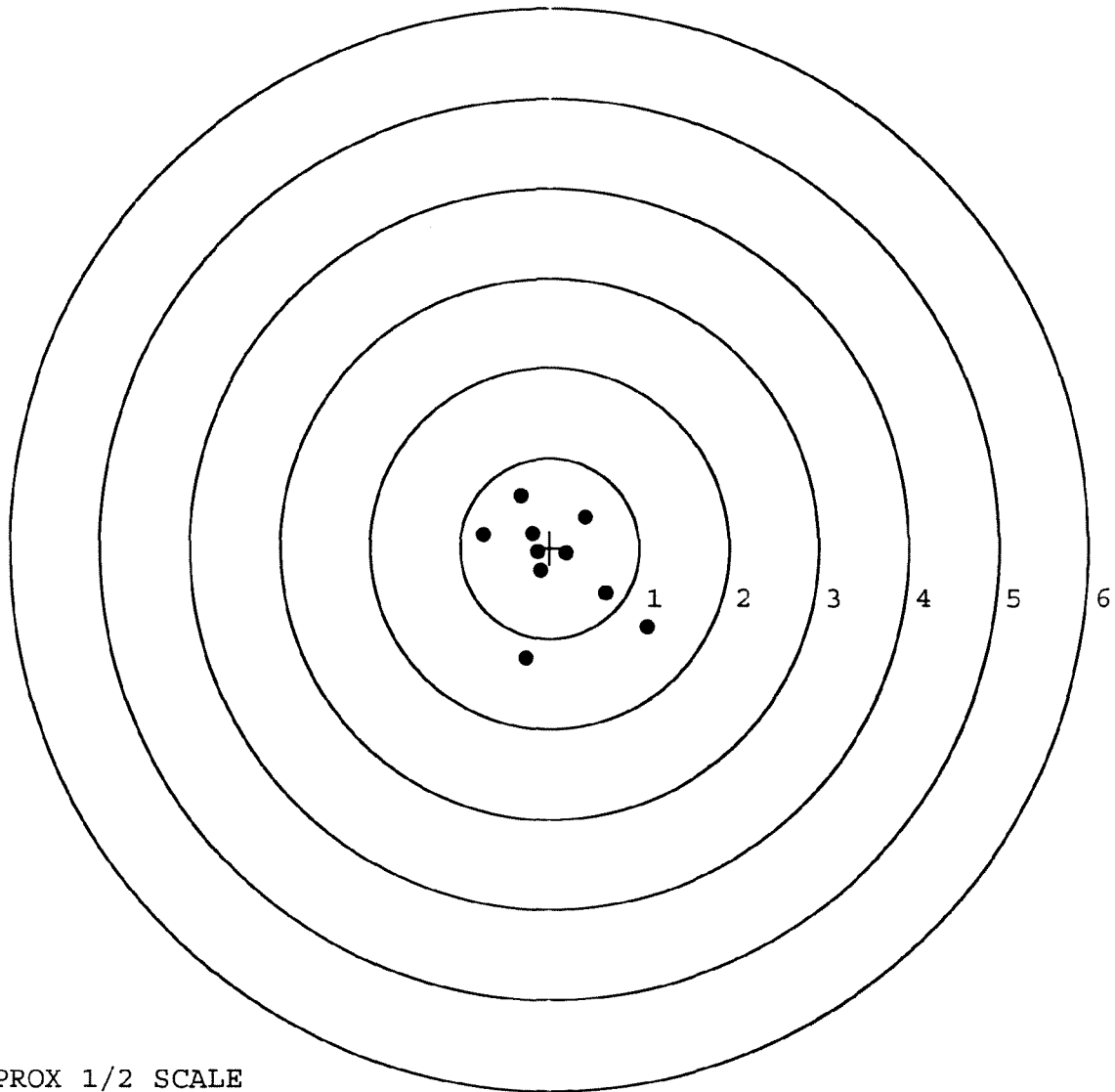
TARGET APPROX 1/2 SCALE

BARBER - M24 0061806

SERIAL NUMBER: C6225485. 0
TARGET NUMBER: 3
FILE DATE: 05/23/2008
FILE TIME: 05:37

POINT#	X	Y
1:	1.091	-0.879
2:	0.631	-0.505
3:	-0.260	-1.221
4:	0.401	0.344
5:	-0.320	0.585
6:	-0.734	0.151
7:	-0.192	0.165
8:	-0.100	-0.256
9:	0.181	-0.063
10:	-0.137	-0.050

X CENTROID: 0.056
Y CENTROID: -0.173
POA TO CENTROID: 0.182
HORZ SPREAD: 1.825
VERT SPREAD: 1.806
GROUP SPREAD: 2.096
MIN RADIUS: 0.166
MAX RADIUS: 1.253
MEAN RADIUS: 0.632
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



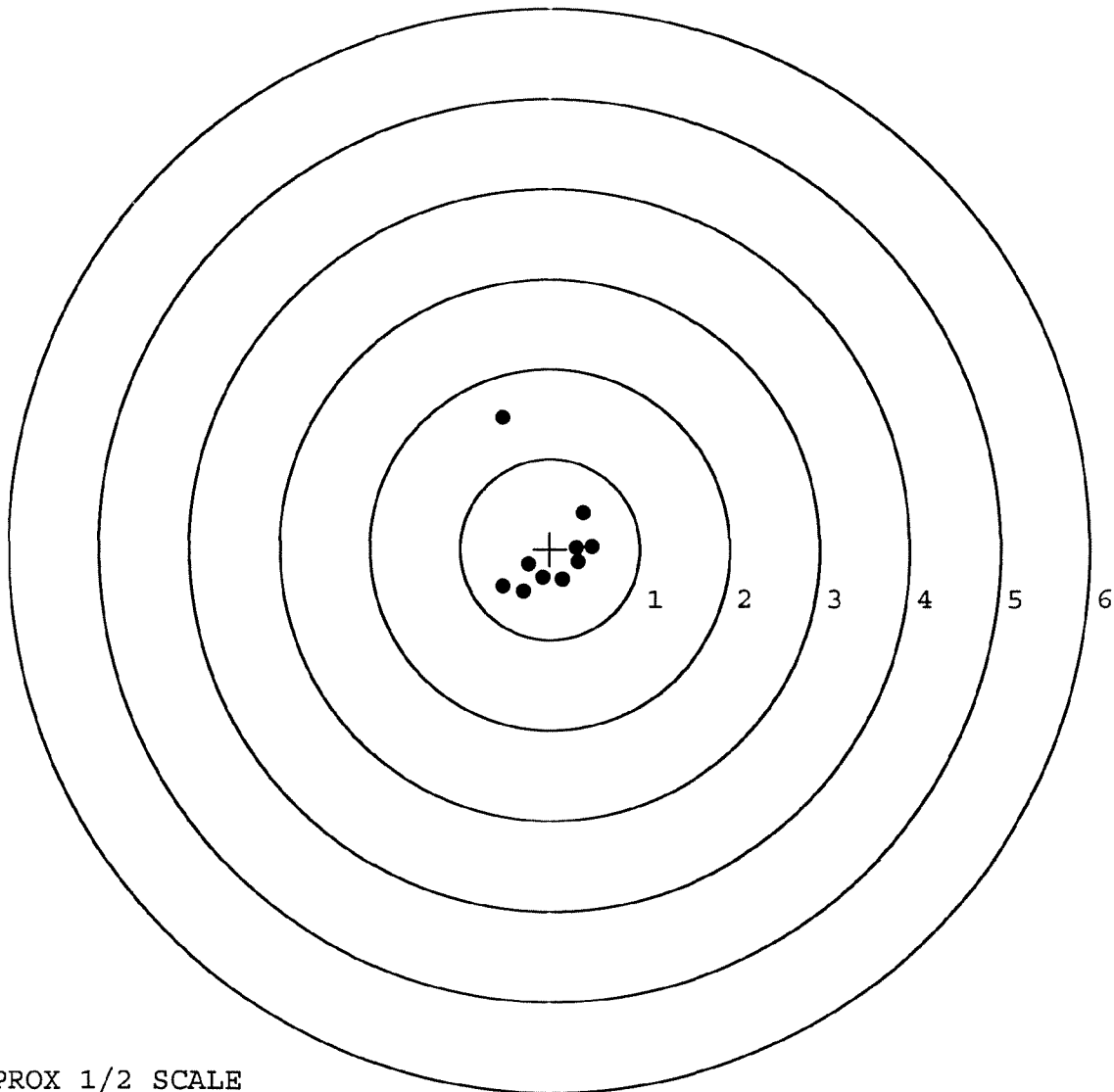
TARGET APPROX 1/2 SCALE

BARBER - M24 0061807

SERIAL NUMBER: C6225485. __0
 TARGET NUMBER: 4
 FILE DATE: 05/23/2008
 FILE TIME: 05:37

POINT#	X	Y
1:	-0.527	1.456
2:	0.379	0.402
3:	0.471	0.031
4:	0.294	0.019
5:	0.320	-0.143
6:	0.143	-0.338
7:	-0.246	-0.173
8:	-0.533	-0.417
9:	-0.297	-0.469
10:	-0.084	-0.314

X CENTROID: -0.008
 Y CENTROID: 0.005
 POA TO CENTROID: 0.010
 HORZ SPREAD: 1.004
 VERT SPREAD: 1.925
 GROUP SPREAD: 1.939
 MIN RADIUS: 0.297
 MAX RADIUS: 1.541
 MEAN RADIUS: 0.547
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



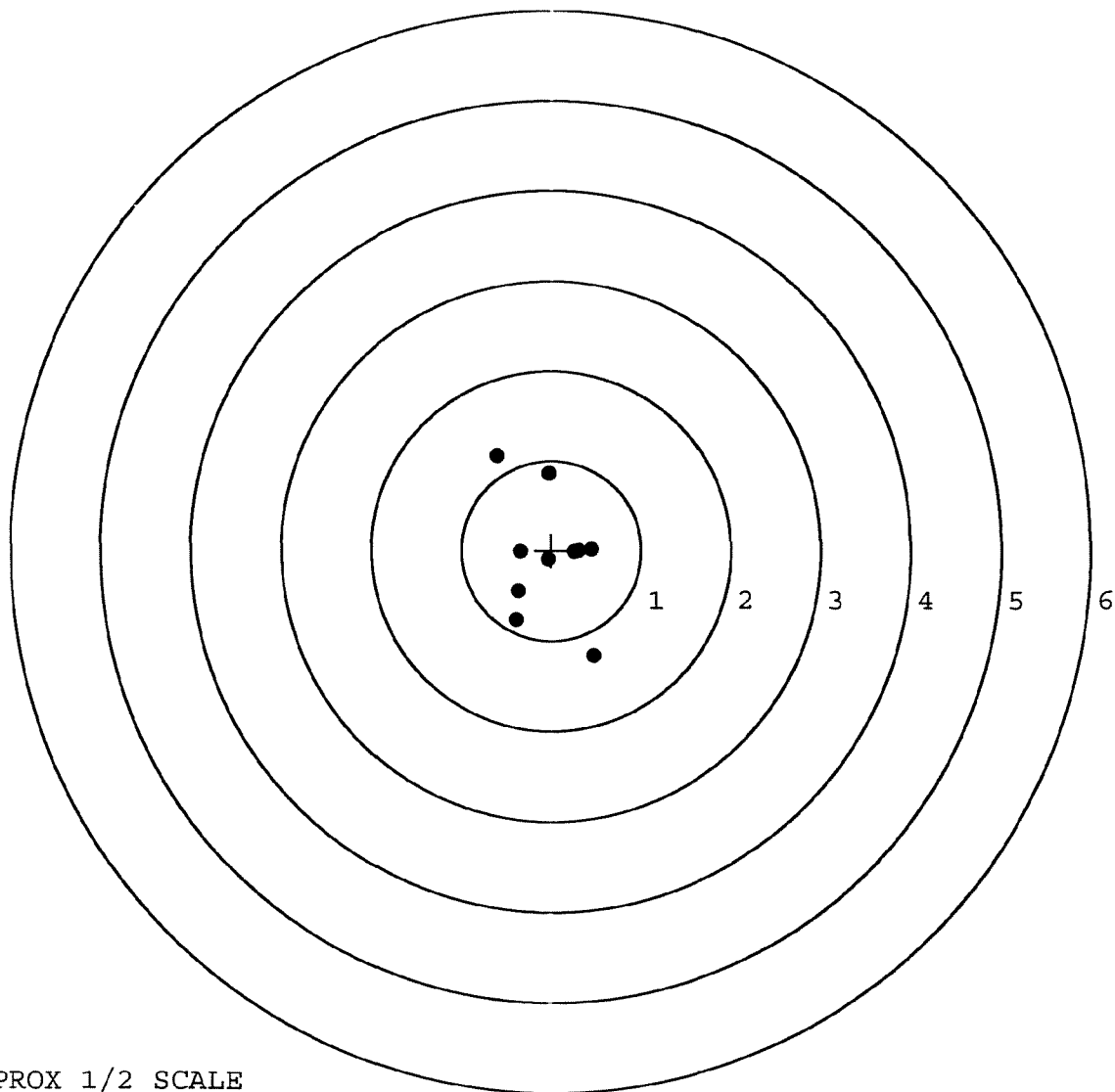
TARGET APPROX 1/2 SCALE

BARBER - M24 0061808

SERIAL NUMBER: C6225485. 0
 TARGET NUMBER: 5
 FILE DATE: 05/23/2008
 FILE TIME: 05:37

POINT#	X	Y
1:	-0.021	0.856
2:	-0.604	1.053
3:	0.450	0.019
4:	0.313	-0.003
5:	-0.038	-0.105
6:	-0.349	-0.020
7:	-0.372	-0.459
8:	-0.392	-0.778
9:	0.480	-1.173
10:	0.256	-0.014

X CENTROID: -0.028
 Y CENTROID: -0.062
 POA TO CENTROID: 0.068
 HORZ SPREAD: 1.084
 VERT SPREAD: 2.226
 GROUP SPREAD: 2.476
 MIN RADIUS: 0.044
 MAX RADIUS: 1.255
 MEAN RADIUS: 0.621
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER

144823

SERIAL NUMBER

C6223485

LOG-IN DATE

4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-28-08	RJR
505	RE-BARREL		
560	ASSEMBLE	4-30-08	TRW
600	PROOF	4-30-08	TRW
605	CHECK HEADSPACE	4-30-08	TRW
610	DIS-ASSEMBLE GUN	4-30-08	TRW
612	MAGNAFLUX	5/1/08	W.M.B.
510	DRILL AND TAP	5-1-08	TRW
615	ROLLMARK CALIBER	5-1-08	CW
618	ROTO-BLAST	5-1-08	DS
620	APPLY COATINGS	5-5-08	CW
625	FINAL ASSEMBLY	5-9-08	RJR
640	FUNCTION TEST AND	5-22-08	SD
650	TARGET	5-22-08	SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-22-08	RP
	A) HEADSPACE	5/27/08	FM
		5/27/08	FM
	BI) TRIGGER PULL	2.77 2.84 2.74 2.69 2.74	5/27/08 FM
680	FI) SAFETY ON FORCE	4- 4- 4-	5/27/08 FM
	GI) SAFETY OFF FORCE	2.5 2.5 2.5	5/27/08 FM
	I) FIRING PIN INDENT	.021 .021 .020	5/27/08 FM
690	PACK	5/29/08	FM

Repair Number: RE00092436

Serial: C6225485 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Verify Repair:

Status:

Closed 2/3/2005 1:25:35 PM

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:

362014199

Country: US

State: AL

Zip Code:

362014199

Country: US

FFL:

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
A007	With Stud	3
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/7/2005

10:42 AM

CAPS

NUM

INS

SCRL

start

3

Arms Services Repair

2

Serial Number: C6225485

Model: M24 SWS



RE00092436

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS:

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE

8-11-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.32	2.28		2.12	
PULL #2	2.18	2.30		2.37	
PULL #3	2.21	2.36		2.38	
PULL #4	2.24	2.49		2.28	
PULL #5	2.37	2.22		2.41	
TOTAL	11.32	11.65		11.56	
AVERAGE	2.26	2.33		2.31	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.09		
PULL #2	3.20	3.15		
PULL #3	3.06	3.18		
PULL #4	3.01	3.15		
PULL #5	3.03	3.21		
TOTAL	15.58	15.78		
AVERAGE	3.11	3.15		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.39	4.37		4.69
PULL #2	4.40	4.18		4.56
PULL #3	4.35	4.44		4.55
PULL #4	4.25	4.45		4.56
PULL #5	4.44	4.41		4.52
TOTAL	21.83	21.85		22.88
AVERAGE	4.36	4.37		4.57

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225485.__0
FILE DATE AND TIME: 09/06/2005 06:54

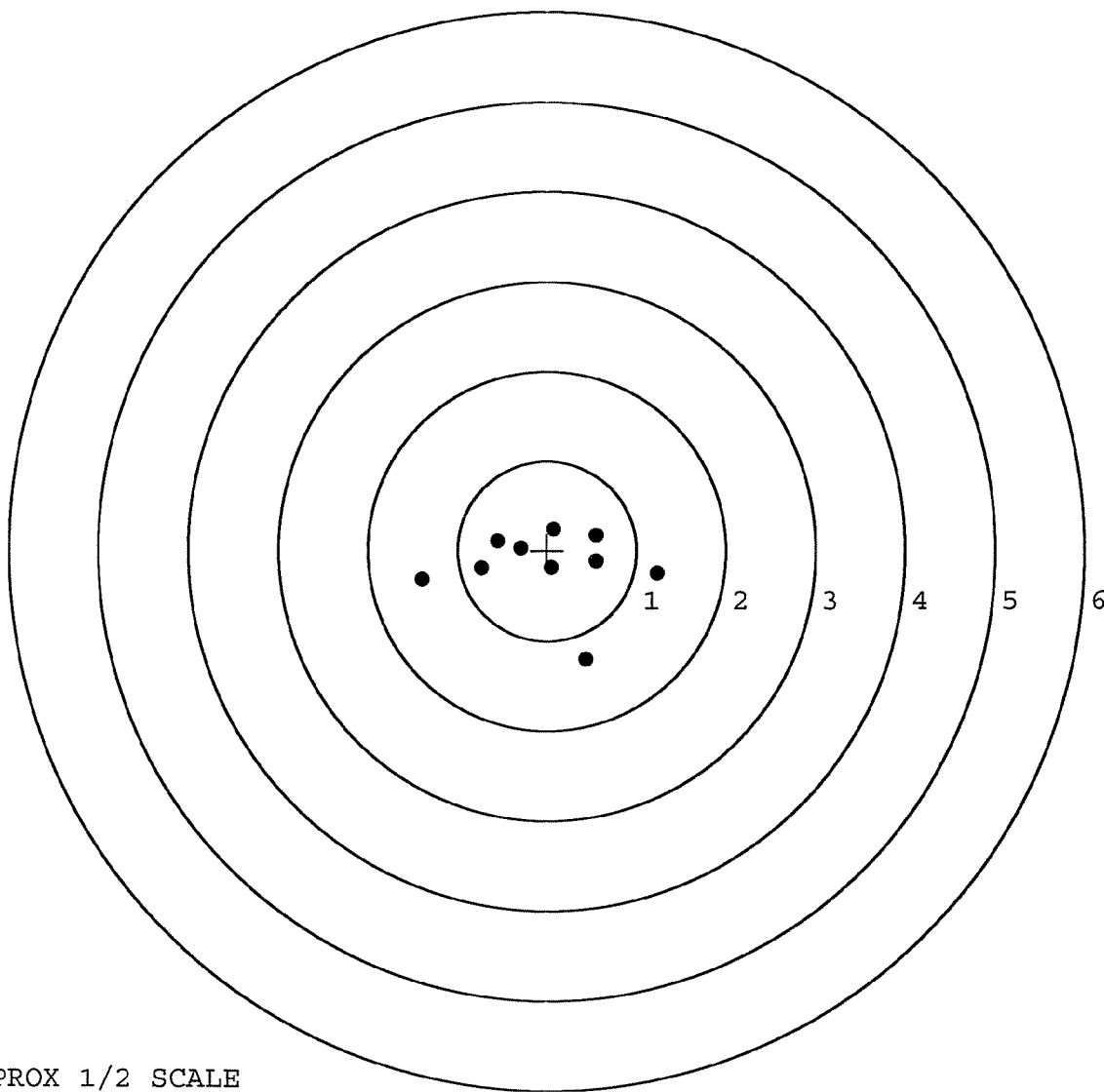
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.087
The Average Y Centroid of the Five Target Set:	-0.014
The Average Point of Impact of the Five Target Set:	0.088
The Average Mean Radius of the Five Target Set:	0.871
The Distance from POA to Centroid Target #1:	0.179
The Distance from Centroid Target #2 to Centroid Target #1:	0.308
The Distance from Centroid Target #3 to Centroid Target #1:	0.235
The Distance from Centroid Target #4 to Centroid Target #1:	0.183
The Distance from Centroid Target #5 to Centroid Target #1:	0.329

SERIAL NUMBER: C6225485. __0
 TARGET NUMBER: 1
 FILE DATE: 09/06/2005
 FILE TIME: 06:54

POINT#	X	Y
1:	0.434	-1.211
2:	1.232	-0.255
3:	0.552	-0.126
4:	0.550	0.167
5:	0.074	0.236
6:	0.050	-0.194
7:	-0.297	0.021
8:	-0.555	0.105
9:	-0.735	-0.203
10:	-1.395	-0.331

X CENTROID: -0.009
 Y CENTROID: -0.179
 POA TO CENTROID: 0.179
 HORZ SPREAD: 2.627
 VERT SPREAD: 1.447
 GROUP SPREAD: 2.628
 MIN RADIUS: 0.061
 MAX RADIUS: 1.394
 MEAN RADIUS: 0.716
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

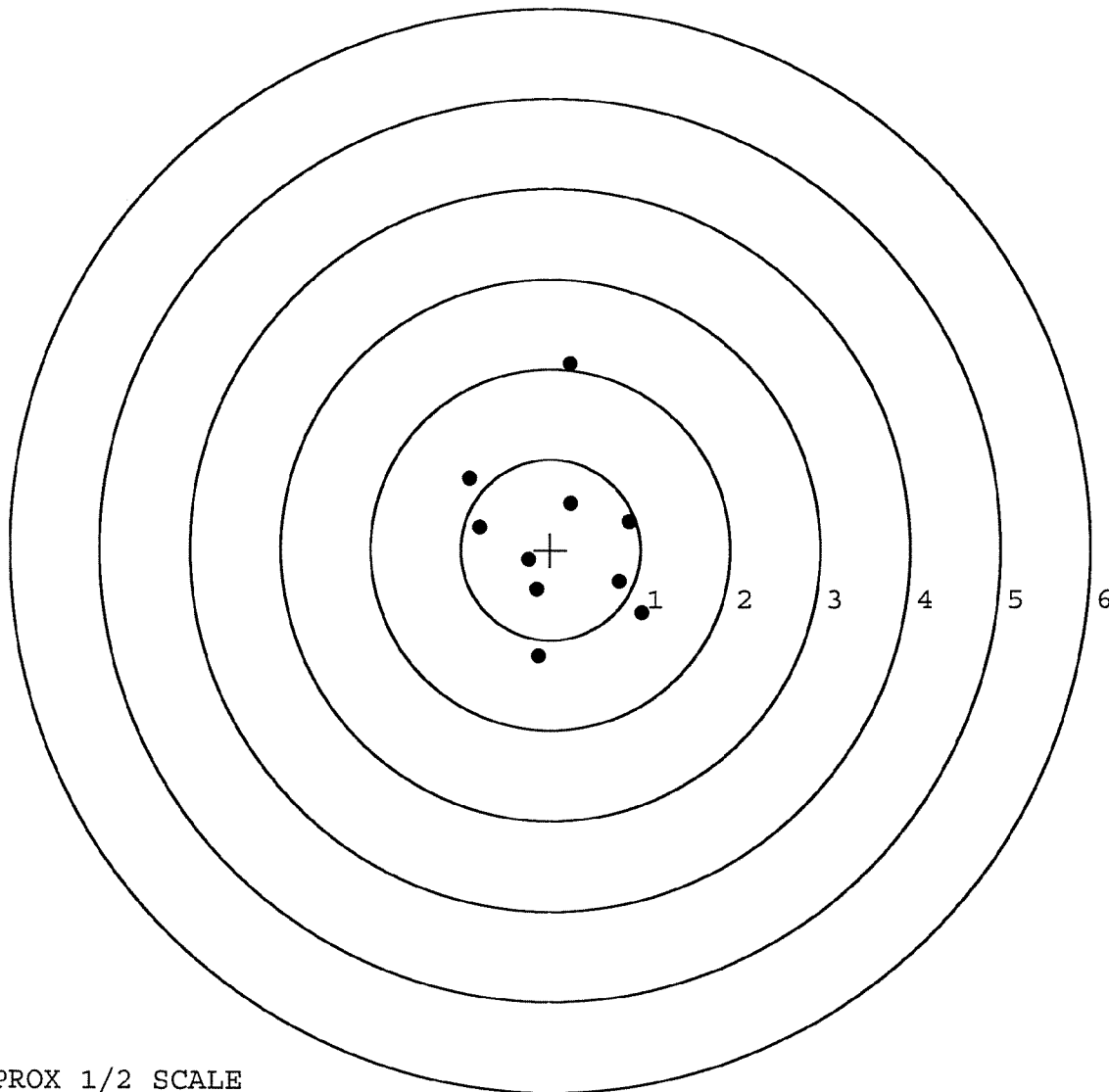


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225485. __0
 TARGET NUMBER: 2
 FILE DATE: 09/06/2005
 FILE TIME: 06:54

POINT#	X	Y
1:	1.019	-0.703
2:	0.765	-0.356
3:	-0.139	-1.180
4:	-0.156	-0.444
5:	-0.244	-0.110
6:	0.876	0.319
7:	0.231	0.516
8:	-0.792	0.248
9:	-0.904	0.790
10:	0.222	2.056

X CENTROID: 0.088
 Y CENTROID: 0.114
 POA TO CENTROID: 0.144
 HORZ SPREAD: 1.923
 VERT SPREAD: 3.236
 GROUP SPREAD: 3.256
 MIN RADIUS: 0.400
 MAX RADIUS: 1.947
 MEAN RADIUS: 0.966
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



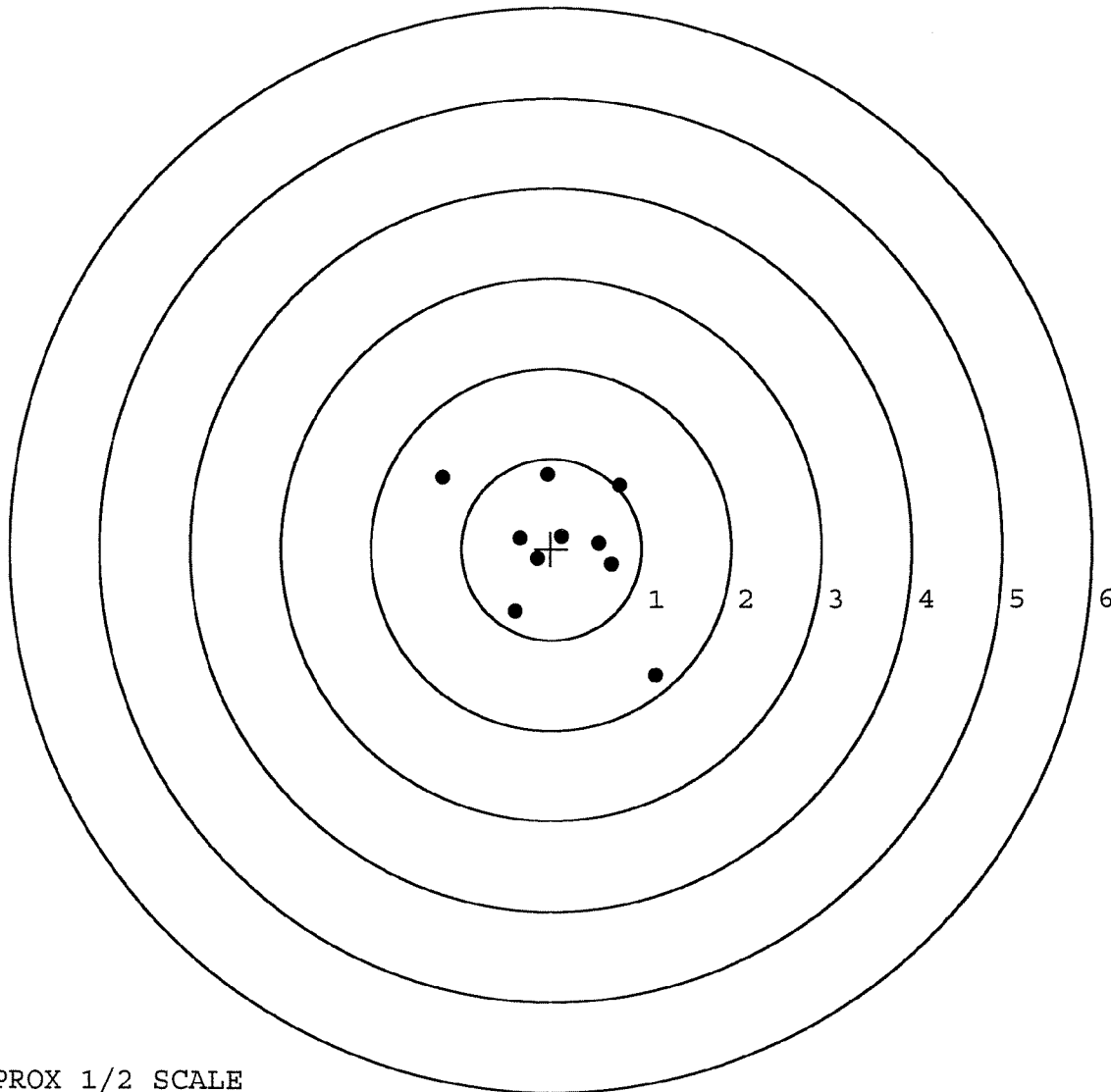
TARGET APPROX 1/2 SCALE

BARBER - M24 0061815

SERIAL NUMBER: C6225485. __0
 TARGET NUMBER: 3
 FILE DATE: 09/06/2005
 FILE TIME: 06:54

POINT#	X	Y
1:	1.154	-1.394
2:	-0.406	-0.692
3:	0.667	-0.172
4:	0.527	0.062
5:	0.120	0.137
6:	0.760	0.702
7:	-0.046	0.821
8:	-0.154	-0.110
9:	-0.352	0.117
10:	-1.211	0.788

X CENTROID: 0.106
 Y CENTROID: 0.026
 POA TO CENTROID: 0.109
 HORZ SPREAD: 2.365
 VERT SPREAD: 2.215
 GROUP SPREAD: 3.218
 MIN RADIUS: 0.112
 MAX RADIUS: 1.765
 MEAN RADIUS: 0.781
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



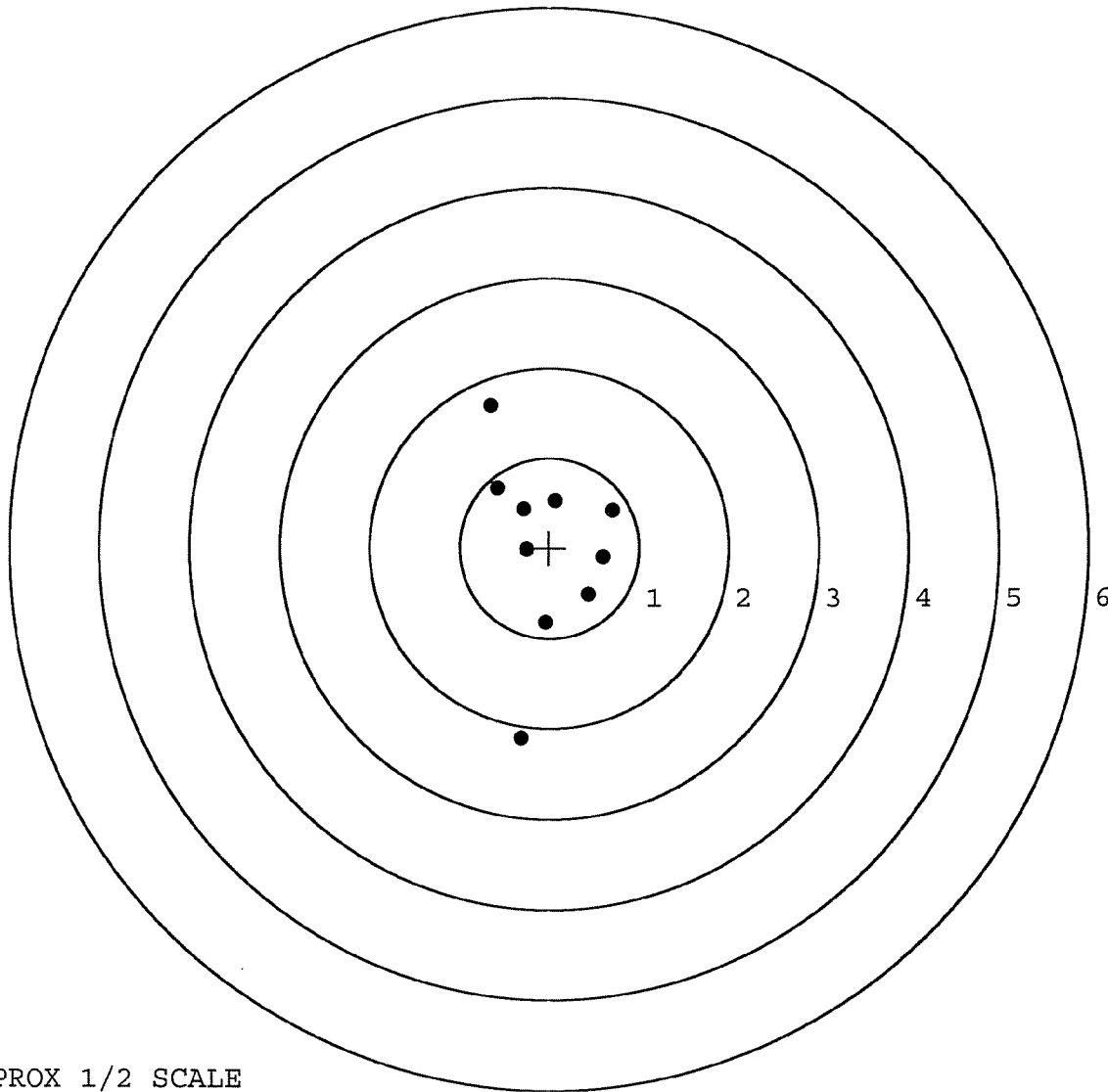
TARGET APPROX 1/2 SCALE

BARBER - M24 0061816

SERIAL NUMBER: C6225485. __0
 TARGET NUMBER: 4
 FILE DATE: 09/06/2005
 FILE TIME: 06:54

POINT#	X	Y
1:	-0.317	-2.114
2:	-0.046	-0.833
3:	0.436	-0.520
4:	0.596	-0.106
5:	0.702	0.417
6:	0.068	0.525
7:	-0.257	-0.026
8:	-0.289	0.428
9:	-0.580	0.664
10:	-0.654	1.584

X CENTROID: -0.034
 Y CENTROID: 0.002
 POA TO CENTROID: 0.034
 HORZ SPREAD: 1.356
 VERT SPREAD: 3.698
 GROUP SPREAD: 3.713
 MIN RADIUS: 0.225
 MAX RADIUS: 2.135
 MEAN RADIUS: 0.897
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



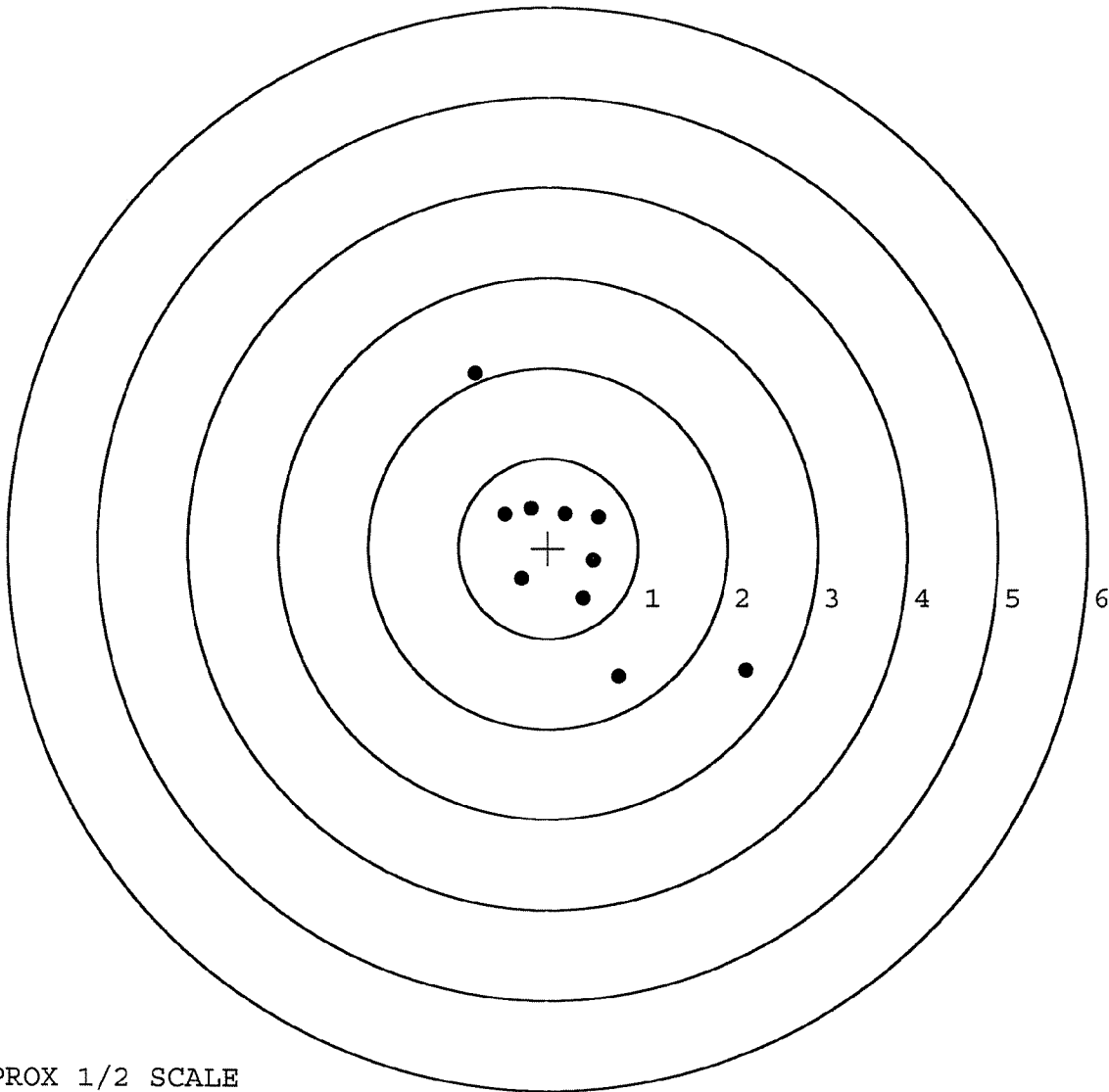
TARGET APPROX 1/2 SCALE

BARBER - M24 0061817

SERIAL NUMBER: C6225485. __0
 TARGET NUMBER: 5
 FILE DATE: 09/06/2005
 FILE TIME: 06:54

POINT#	X	Y
1:	2.208	-1.352
2:	-0.819	1.939
3:	0.564	0.347
4:	0.188	0.382
5:	-0.191	0.445
6:	-0.483	0.376
7:	-0.296	-0.345
8:	0.397	-0.558
9:	0.500	-0.137
10:	0.792	-1.422

X CENTROID: 0.286
 Y CENTROID: -0.032
 POA TO CENTROID: 0.288
 HORZ SPREAD: 3.027
 VERT SPREAD: 3.361
 GROUP SPREAD: 4.471
 MIN RADIUS: 0.238
 MAX RADIUS: 2.331
 MEAN RADIUS: 0.995
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92436		
SERIAL NUMBER	CL622 5485		
LOG-IN DATE	2-3-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-12-05	RTU
560 A	RE-BARREL	8-23-05	RTU
B	DRILL AND TAP	8-24-05	RTU
575	ASSEMBLE	8-25-05	TRW
600	PROOF	8-24-05	AC
605	CHECK HEADSPACE	8-24-05	AC
610	DIS-ASSEMBLE GUN	8-25-05	RTU
612	MAGNAFLUX	8-25-05	TRW
615	ROLLMARK CALIBER	8-25-05	CW
618	ROTO-BLAST	8-26-05	CB
620	APPLY COATINGS	8/29/05	TRW
625 A	FINAL ASSEMBLY	8-31-05	RTU
B	TRIGGER PULL TEST	9-7-05	AC
C	SAFETY "ON" FORCE	9-7-05	AC
D	SAFETY "OFF" FORCE	9-7-05	AC
E	FIRING PIN INDENT	9-7-05	AC
640	TARGET	9-6-05	TRW
655	FINAL INSPECT	9-10-05	TRW
660	PACK	9-10-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®


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

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

MODEL 700™ M24	SERIAL NO. C6225485
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada. Marque Deposee.	ORDER NO. 5716


5716 C6225485

UPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225485

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4 4 89	RW
600	Proof		4 4 89	RW
607	Check Headspace		4 4 89	RW
610	Dis-assemble Gun		4 4 89	RW
612	Magnaflux Barrel Action		4-6 89	KCR
	Magnaflux Bolt		4-7 89	KCR
615	Rollmark Caliber		4-7 89	G.S.
617	Drill and Tap Sight Holes		4 7 89	FB
618	Polish Barrel		4 7 89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/24/89	G.S.

op. #	BARBER - M24 0061821 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/24/89	JS
	G) Safety Off Force	3	3	3			4/24/89	JS
	H) Trigger Pull Test & Retainability						4/26/89	S.S.
	I) Firing Pin Indent	.020	.020	.020			4/26/89	JS
	J) Assemble Stock						4/28/89	RW
	K) Assemble Swivel Studs						16 May 89	JS
	L) Attach Front and Rear Sight Assemblies						4/28/89	RW
	M) Iron Sight Alignment						4/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/28/89	RW
	O) Attach Scope to Rifle						4/28/89	WB
	P) Detach & Attach Scope 20 Times						4/28/89	WB
640	Gallery Target & Test	61 R	91 L				5/1/89	A
	A) Time						5/1/89	A
	B) Malfunctions						5/1/89	A
	C) Pierced Primers						5/1/89	A
	D) Optical Clarity of Scope						5/1/89	A
645	Inspect for Live Ammo						5/1/89	A
655	Final Inspection							
	A) Headspace						16 May 89	JS
	B) Trigger Pull	2.13	2.16	2.02	2.02	2.15	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						27 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225485

DATE 3-29-90

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.41		2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.53		2.25	
PULL #3	2.25	2.48		2.35	
PULL #4	2.35	2.34		2.31	
PULL #5	2.37	2.39		2.32	
TOTAL	11.96	11.87		11.56	
AVG.	2.392	2.374		2.312	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.22		
PULL #2	3.50	3.22		
PULL #3	3.25	3.21		
PULL #4	3.26	3.16		
PULL #5	3.22	3.15		
TOTAL	16.43	15.96		
AVG.	3.286	3.192		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.28		
PULL #2	4.42	4.33		
PULL #3	4.37	4.36		
PULL #4	4.24	4.26		
PULL #5	4.38	4.34		
TOTAL	21.72	21.57		
AVG.	4.344	4.314		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225485
1 May 1989

CENTROIDAL DISTANCES

0 TO	1	1.09298
1 TO	2	.323785
1 TO	3	1.21111
1 TO	4	1.1193
1 TO	5	.975025

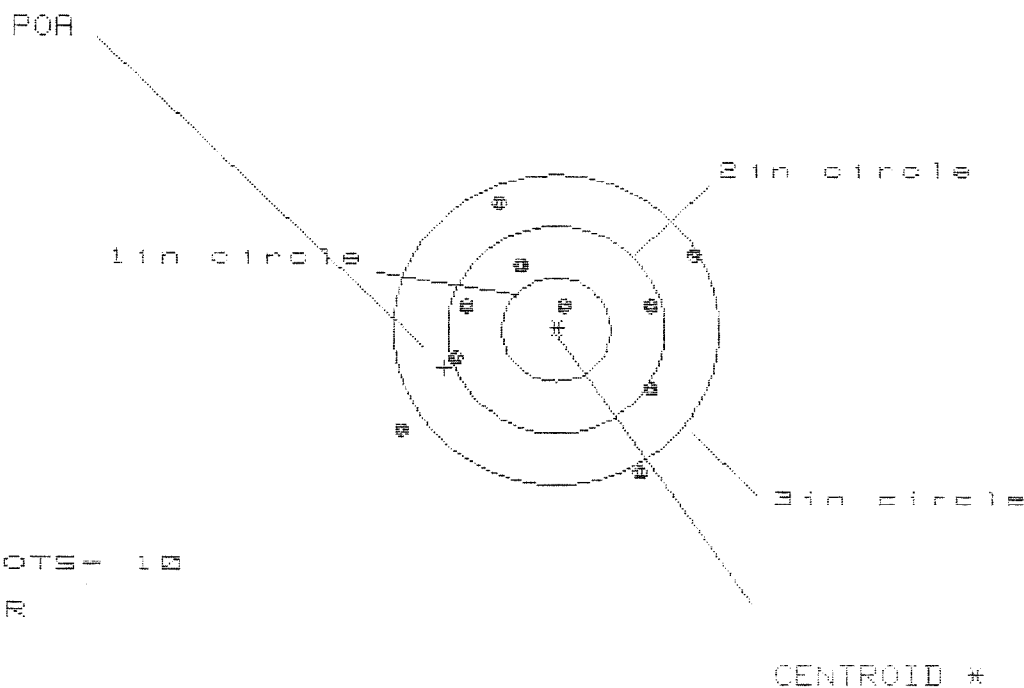
$\frac{5}{4} \cdot \frac{1}{4}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .387
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1454
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .413413
THE RMR FOR THIS RIFLE IS: 1.128

1 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C82254B5

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.673

VS = 2.577

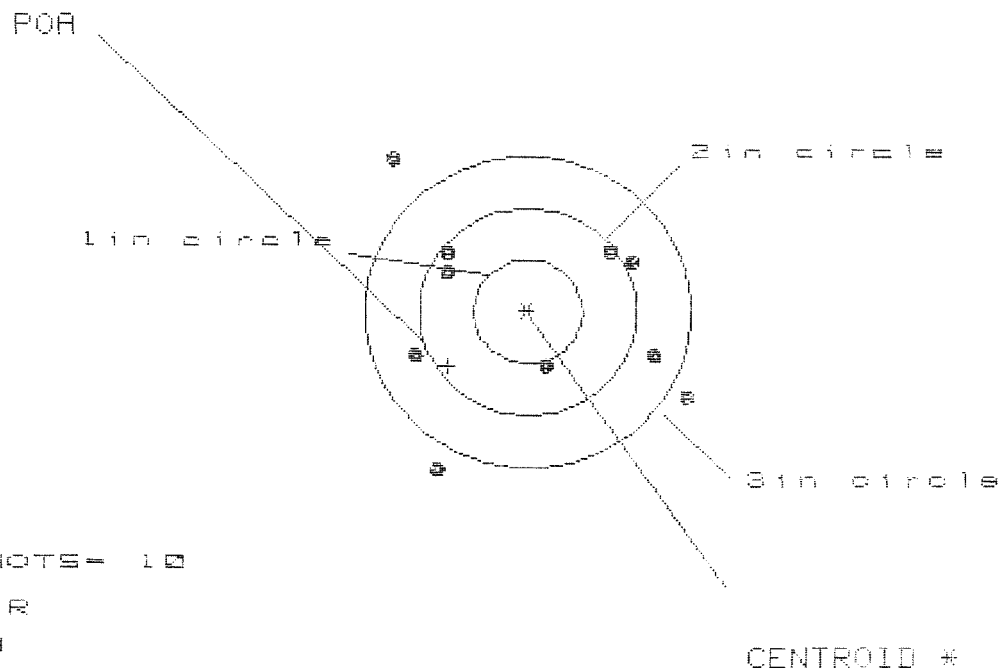
GS = 3.173

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.294	1.141	1.223
MINIMUM X	-1.379	-1.052	-1.970
MAXIMUM Y	1.200	1.093	.907
MINIMUM Y	-1.377	-1.484	-1.826
CENTROID X	1.027	1.180	1.098
CENTROID Y	.374	.481	.667
POA TO CENTROID in.	1.093	1.275	1.284
MIN RADIUS	.225	.161	.077
MEAN RADIUS	1.069	.982	.866
MAX RADIUS	1.680	1.624	1.306
HORIZONTAL SPREAD	2.673	2.193	2.193
VERTICAL SPREAD	2.577	2.577	1.733
EXTREME SPREAD	3.173	2.887	2.437
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

1 May 1989

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.610

VS= 3.016

GS= 3.474

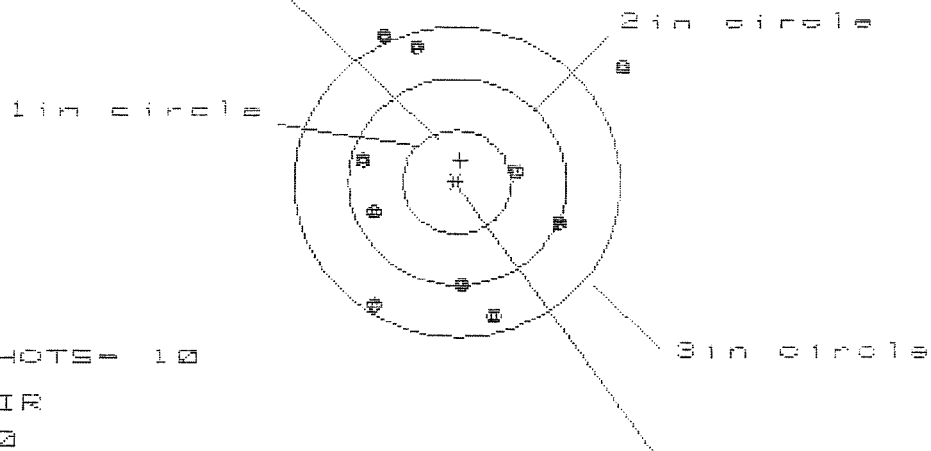
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.417	1.284	1.166
MINIMUM X	-1.193	-1.157	-1.275
MAXIMUM Y	1.497	.774	.605
MINIMUM Y	-1.519	-1.353	-.799
CENTROID X	.738	.871	.989
CENTROID Y	.520	.354	.523
POR TO CENTROID in.	.903	.940	1.119
MIN RADIUS	.517	.326	.502
MEAN RADIUS	1.197	1.101	1.017
MAX RADIUS	1.914	1.651	1.413
HORIZONTAL SPREAD	2.610	2.441	2.441
VERTICAL SPREAD	3.016	2.127	1.404
EXTREME SPREAD	3.474	2.671	2.600
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

1 May 1989

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.374

VS= 2.726

GS= 3.216

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.544	1.114	1.048
MINIMUM X	:	-.830	-.659	-.725
MAXIMUM Y	:	1.406	1.525	1.624
MINIMUM Y	:	-1.320	-1.201	-1.010
CENTROID X	:	-.034	-.205	-.139
CENTROID Y	:	-.210	-.329	-.520
POA TO CENTROID in.	:	.212	.388	.538
MIN RADIUS	:	.551	.577	.624
MEAN RADIUS	:	1.178	1.076	.985
MAX RADIUS	:	1.883	1.615	1.642
HORIZONTAL SPREAD	:	2.374	1.773	1.773
VERTICAL SPREAD	:	2.726	2.726	2.634
EXTREME SPREAD	:	3.216	2.916	2.720
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

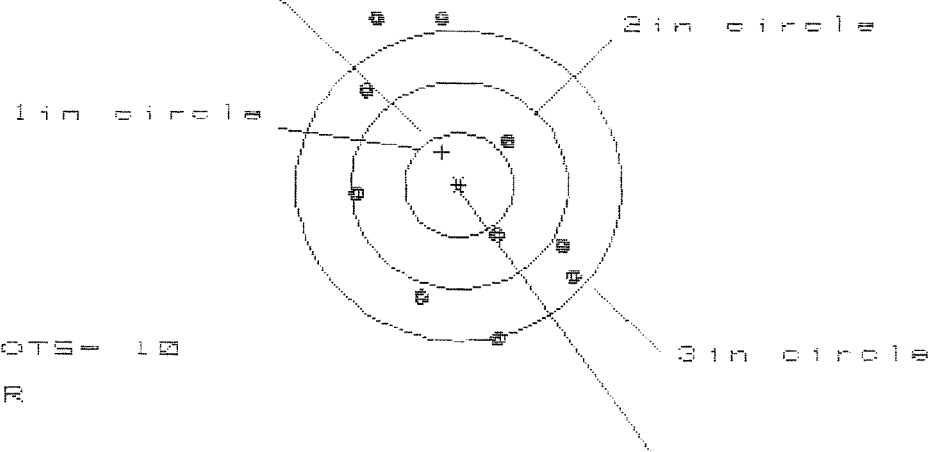
1 May 1989

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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.066

VS= 3.141

GS= 3.331

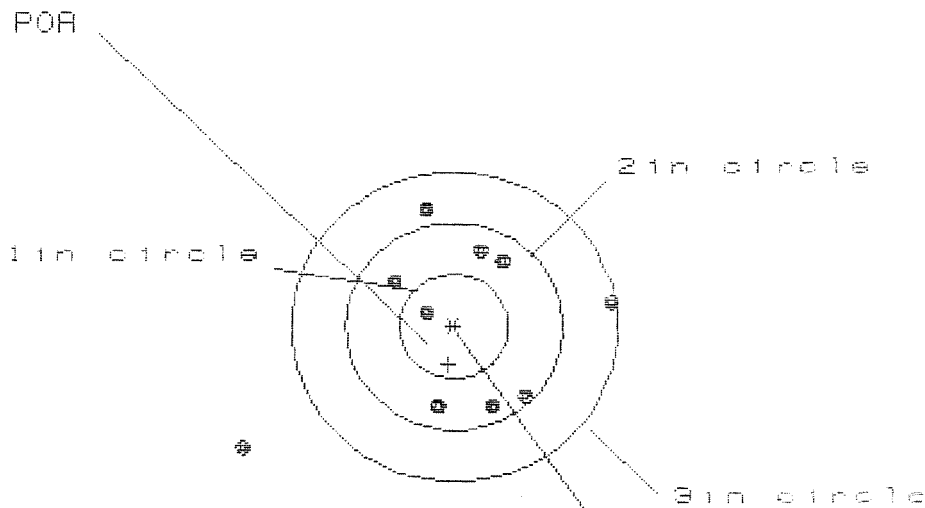
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.077	.990	.958
MINIMUM X	-.989	-1.076	-1.108
MAXIMUM Y	1.627	1.791	1.314
MINIMUM Y	-1.514	-1.334	-1.110
CENTROID X	.152	.239	.271
CENTROID Y	-.324	-.504	-.728
POA TO CENTROID in.	.358	.558	.777
MIN RADIUS	.586	.388	.218
MEAN RADIUS	1.192	1.089	.955
MAX RADIUS	1.805	1.909	1.621
HORIZONTAL SPREAD	2.066	2.066	2.066
VERTICAL SPREAD	3.141	3.125	2.424
EXTREME SPREAD	3.331	3.164	2.686
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

1 May 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 3.440

VS= 2.305

GS= 3.710

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.464
MINIMUM X	-1.976
MAXIMUM Y	1.181
MINIMUM Y	-1.124
CENTROID X	.052
CENTROID Y	.367
POA TO CENTROID in.	.371
MIN RADIUS	.251
MEAN RADIUS	1.006
MAX RADIUS	2.273
HORIZONTAL SPREAD	3.440
VERTICAL SPREAD	2.305
EXTREME SPREAD	3.710
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9