

Smith

C6348780

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00144841**

Serial: C6348780 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/24/2008 10:56:04 AM

Verify Repair

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

12:26 PM

BARB

NUM



Serial Number: **C6348780**

Model: **M24 SWS**



RE00144841

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348780.__0
FILE DATE AND TIME: 05/23/2008 05:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

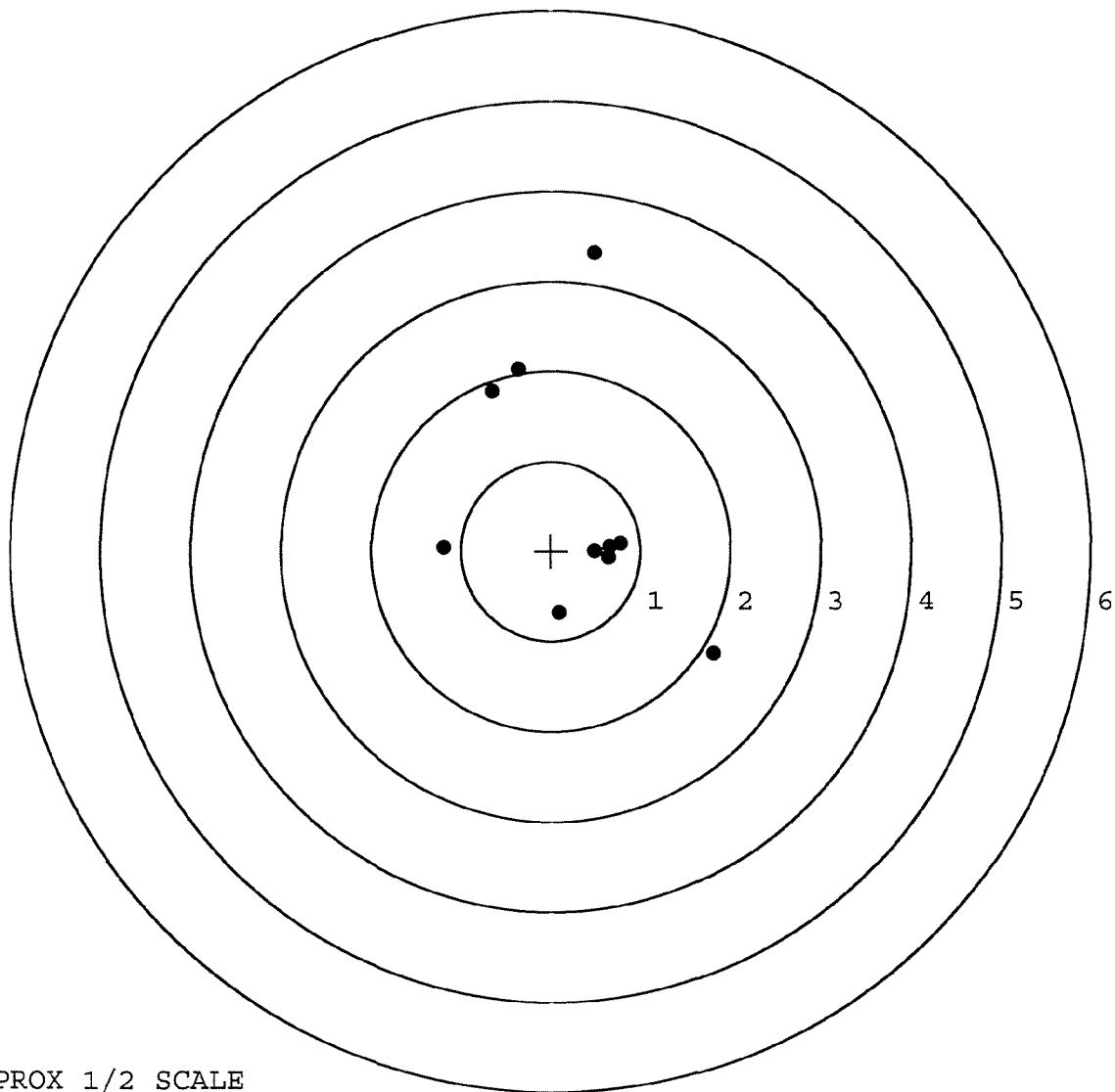
The Average X Centroid of the Five Target Set:	0.078
The Average Y Centroid of the Five Target Set:	0.159
The Average Point of Impact of the Five Target Set:	0.177
The Average Mean Radius of the Five Target Set:	1.013
The Distance from POA to Centroid Target #1:	0.600
The Distance from Centroid Target #2 to Centroid Target #1:	0.550
The Distance from Centroid Target #3 to Centroid Target #1:	0.513
The Distance from Centroid Target #4 to Centroid Target #1:	0.792
The Distance from Centroid Target #5 to Centroid Target #1:	0.386

BARBER - M24 0063796

SERIAL NUMBER: C6348780.____0
 TARGET NUMBER: 1
 FILE DATE: 05/23/2008
 FILE TIME: 05:22

POINT#	X	Y
1:	1.811	-1.140
2:	0.087	-0.699
3:	-1.196	0.038
4:	-0.660	1.772
5:	-0.371	2.016
6:	0.490	3.310
7:	0.490	-0.006
8:	0.780	0.080
9:	0.657	0.048
10:	0.645	-0.077

X CENTROID: 0.273
 Y CENTROID: 0.534
 POA TO CENTROID: 0.600
 HORZ SPREAD: 3.007
 VERT SPREAD: 4.450
 GROUP SPREAD: 4.642
 MIN RADIUS: 0.582
 MAX RADIUS: 2.784
 MEAN RADIUS: 1.362
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

BARBER - M24 0063797

SERIAL NUMBER: C6348780.____0

TARGET NUMBER: 2

FILE DATE: 05/23/2008

FILE TIME: 05:22

POINT#	X	Y
1:	1.739	-0.081
2:	-0.724	2.229
3:	-1.229	0.752
4:	-0.253	0.484
5:	0.304	0.276
6:	-0.768	0.198
7:	-1.428	-0.021
8:	-0.159	-0.467
9:	0.197	-0.611
10:	0.453	-0.435

X CENTROID: -0.187

Y CENTROID: 0.232

POA TO CENTROID: 0.298

HORZ SPREAD: 3.167

VERT SPREAD: 2.840

GROUP SPREAD: 3.377

MIN RADIUS: 0.260

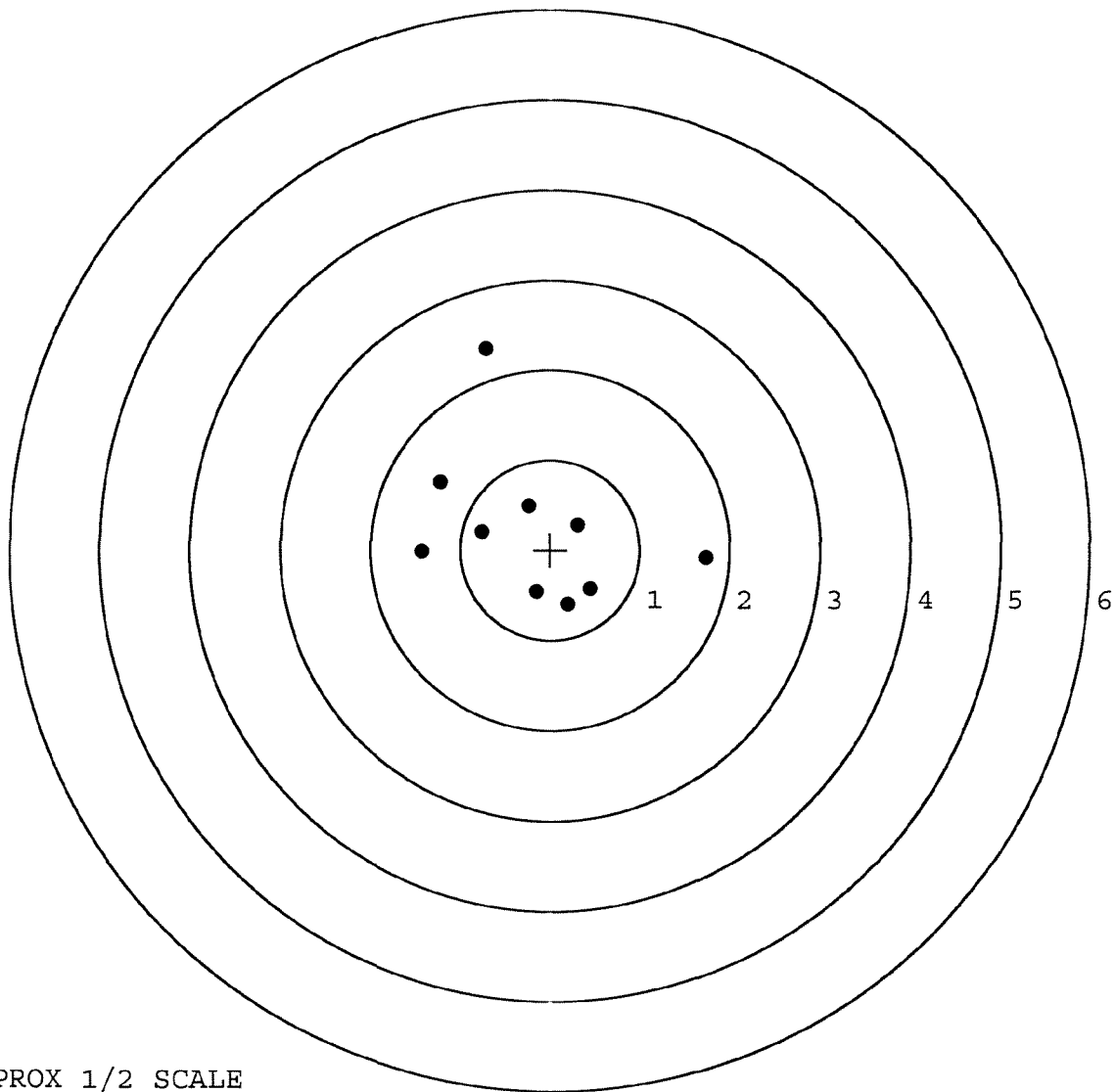
MAX RADIUS: 2.068

MEAN RADIUS: 1.034

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



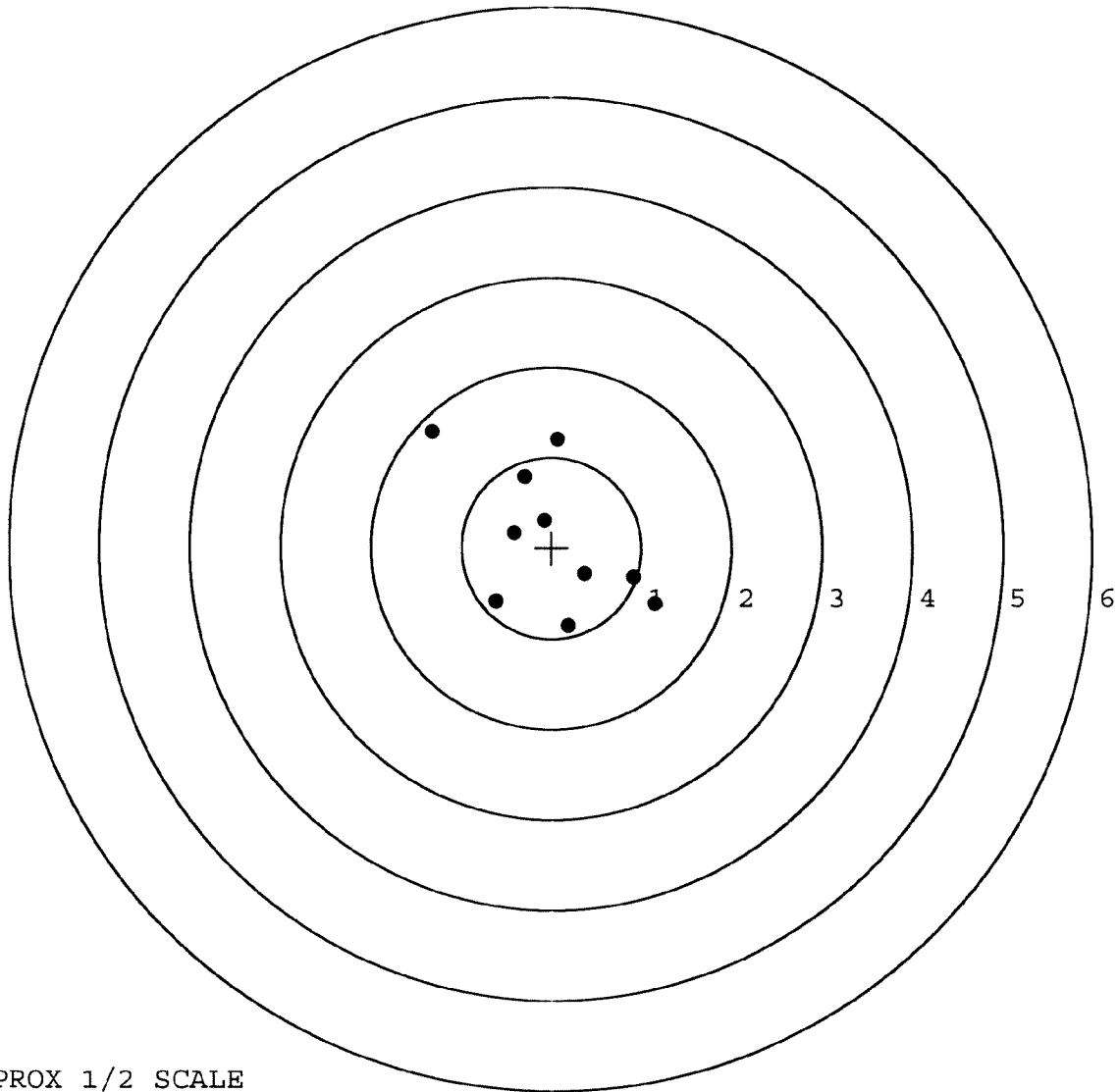
TARGET APPROX 1/2 SCALE

BARBER - M24 0063798

SERIAL NUMBER: C6348780.____0
TARGET NUMBER: 3
FILE DATE: 05/23/2008
FILE TIME: 05:22

POINT#	X	Y
1:	1.149	-0.617
2:	0.915	-0.324
3:	0.369	-0.290
4:	0.187	-0.862
5:	-0.619	-0.599
6:	-0.084	0.303
7:	-0.416	0.165
8:	-0.299	0.786
9:	0.072	1.194
10:	-1.321	1.276

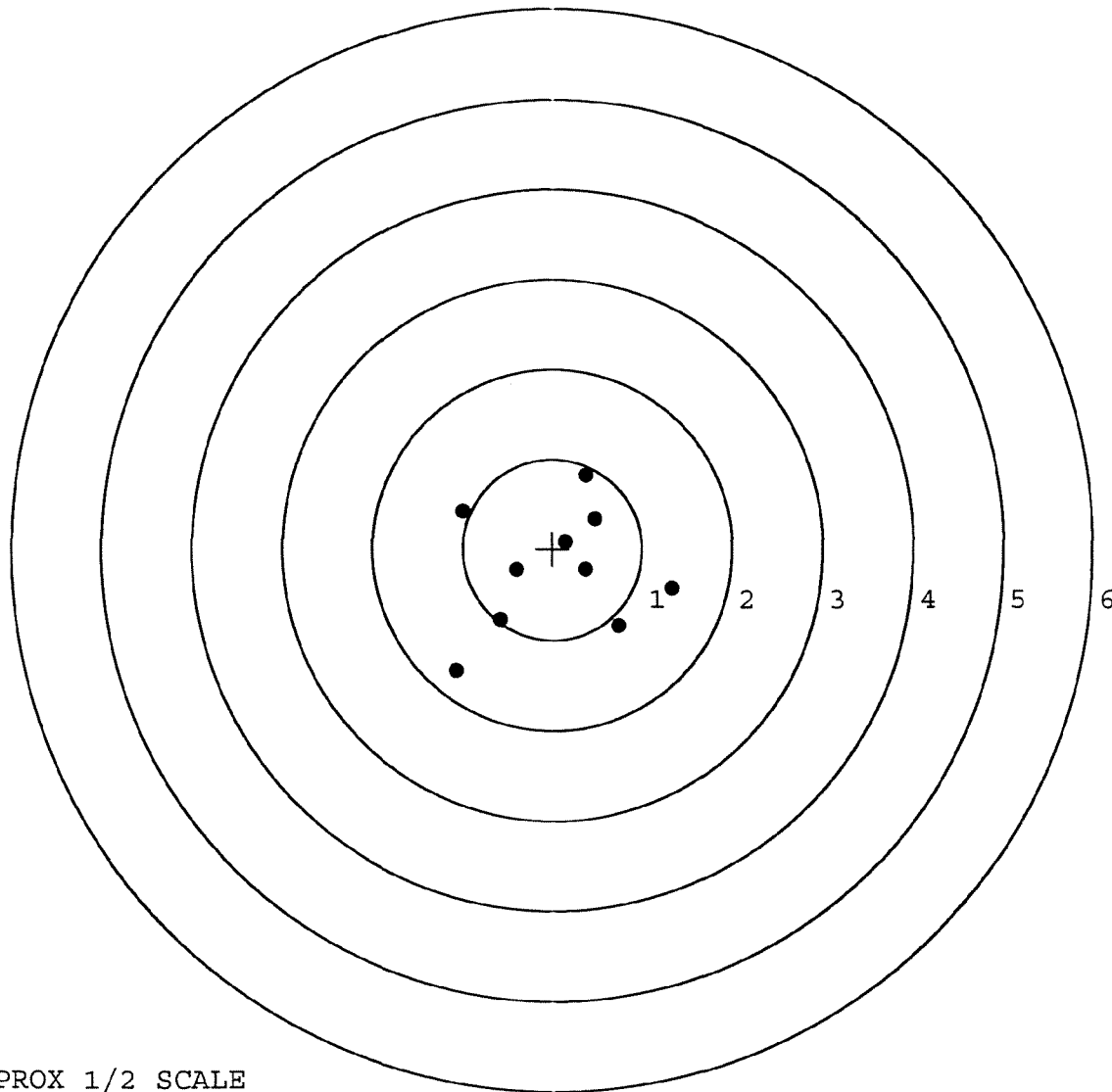
X CENTROID: -0.005
Y CENTROID: 0.103
POA TO CENTROID: 0.103
HORZ SPREAD: 2.470
VERT SPREAD: 2.138
GROUP SPREAD: 3.112
MIN RADIUS: 0.215
MAX RADIUS: 1.763
MEAN RADIUS: 0.906
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0063799

SERIAL NUMBER: C6348780.0	POINT#	X	Y
TARGET NUMBER: 4	1:	1.327	-0.434
FILE DATE: 05/23/2008	2:	0.739	-0.847
FILE TIME: 05:22	3:	0.368	-0.228
	4:	0.142	0.078
X CENTROID: 0.037	5:	0.469	0.337
Y CENTROID: -0.222	6:	0.378	0.821
POA TO CENTROID: 0.225	7:	-0.994	0.418
HORZ SPREAD: 2.405	8:	-0.402	-0.234
VERT SPREAD: 2.163	9:	-0.584	-0.786
GROUP SPREAD: 2.607	10:	-1.078	-1.342
MIN RADIUS: 0.318			
MAX RADIUS: 1.580			
MEAN RADIUS: 0.877			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0063800

SERIAL NUMBER: C6348780. __0

TARGET NUMBER: 5

FILE DATE: 05/23/2008

FILE TIME: 05:22

POINT#	X	Y
1:	1.848	-0.041
2:	0.965	-0.920
3:	0.940	0.554
4:	0.463	0.617
5:	0.298	0.586
6:	-0.288	0.631
7:	-0.362	0.348
8:	-0.807	0.679
9:	0.249	-0.273
10:	-0.603	-0.703

X CENTROID: 0.270

Y CENTROID: 0.148

POA TO CENTROID: 0.308

HORZ SPREAD: 2.655

VERT SPREAD: 1.599

GROUP SPREAD: 2.751

MIN RADIUS: 0.421

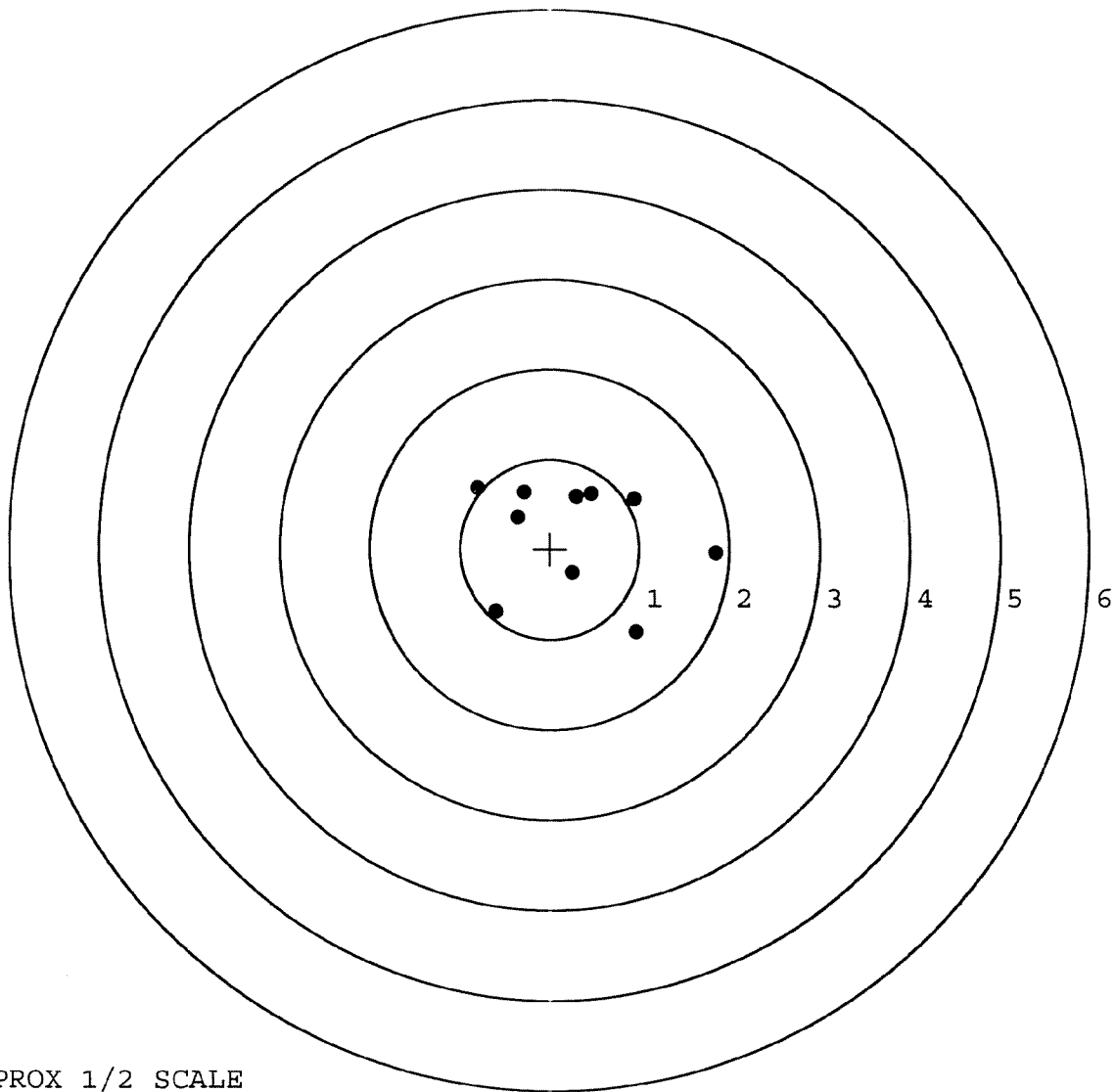
MAX RADIUS: 1.589

MEAN RADIUS: 0.884

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 144841SERIAL NUMBER C6348788LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-5-08	RTZ
505	RE-BARREL	5-6-08	RTZ
560	ASSEMBLE	5-6-08	RTZ
600	PROOF	5-7-08	TRW
605	CHECK HEADSPACE	5-7-08	TRW
610	DIS-ASSEMBLE GUN	5-7-08	RTZ
612	MAGNAFLUX	5/9/08	Ummg
510	DRILL AND TAP	5-7-08	TRW
615	ROLLMARK CALIBER	5-7-08	CW
618	ROTO-BLAST	5-9-08	DG
620	APPLY COATINGS	5/19/08	CW
625	FINAL ASSEMBLY	5-24-08	RTZ
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	6-22-08	RP
	A) HEADSPACE	5/27/08	FM
	B) TRIGGER PULL	5/27/08	FM
680	F) SAFETY ON FORCE	5/27/08	FM
	G) SAFETY OFF FORCE	5/27/08	FM
	I) FIRING PIN INDENT	5/27/08	FM
690	PACK	5/27/08	FM

Repair Inquiry

Repair Number: RE00092455

Serial: C6348780 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1989

Repairman:

Verify Repair:

Status:

Closed 2/4/2005 9:37:04 AM

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

maglet

2/7/2005

11:26 AM

CAPS

NUM

INS

SCPL

start

3

3

3

3

3

Serial:
Number:

C6348780

Model: M24 SWS



RE00092455

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348780.___0

FILE DATE AND TIME: 05/06/2005 07:18

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	-0.016
The Average Point of Impact of the Five Target Set:	0.028
The Average Mean Radius of the Five Target Set:	0.816
The Distance from POA to Centroid Target #1:	0.254
The Distance from Centroid Target #2 to Centroid Target #1:	0.729
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.381
The Distance from Centroid Target #5 to Centroid Target #1:	0.209

BARBER - M24 0063804

SERIAL NUMBER: C6348780. 0

TARGET NUMBER: 1

FILE DATE: 05/06/2005

FILE TIME: 07:18

POINT#	X	Y
1:	0.342	-1.429
2:	-0.073	-0.898
3:	0.065	-0.491
4:	0.329	0.038
5:	-0.079	0.187
6:	-0.699	-0.268
7:	-0.856	-1.882
8:	-0.178	1.019
9:	-0.439	0.882
10:	-0.418	1.280

X CENTROID: -0.201

Y CENTROID: -0.156

POA TO CENTROID: 0.254

HORZ SPREAD: 1.198

VERT SPREAD: 3.162

GROUP SPREAD: 3.192

MIN RADIUS: 0.364

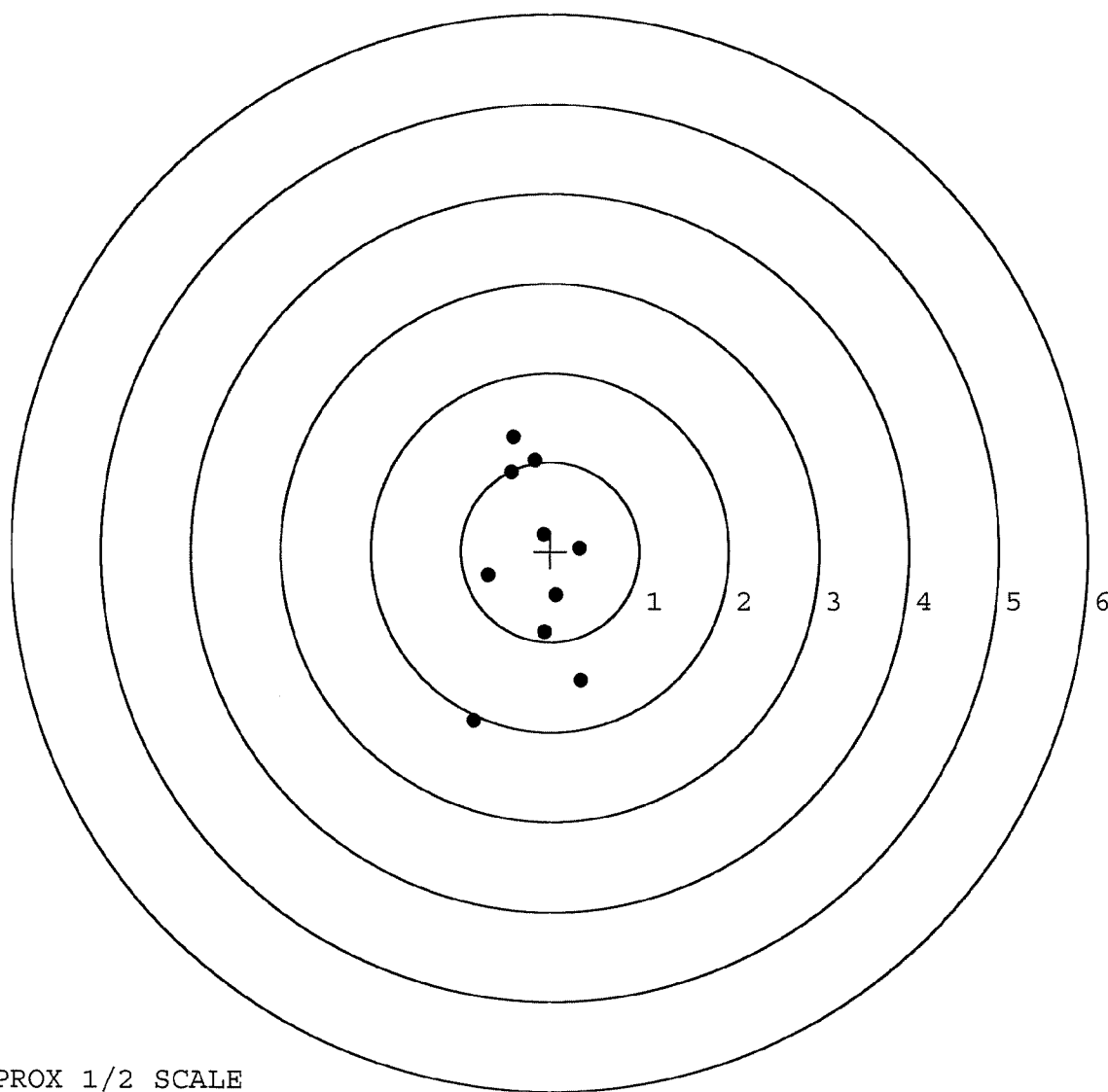
MAX RADIUS: 1.846

MEAN RADIUS: 0.954

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0063805

SERIAL NUMBER: C6348780. __0

TARGET NUMBER: 2

FILE DATE: 05/06/2005

FILE TIME: 07:18

POINT#	X	Y
1:	1.491	-0.939
2:	1.431	-0.727
3:	0.443	-0.305
4:	0.290	-0.543
5:	0.051	-0.578
6:	-0.620	0.066
7:	-0.610	0.430
8:	-0.099	1.053
9:	1.354	1.014
10:	1.056	1.609

X CENTROID: 0.479

Y CENTROID: 0.108

POA TO CENTROID: 0.491

HORZ SPREAD: 2.111

VERT SPREAD: 2.548

GROUP SPREAD: 2.585

MIN RADIUS: 0.415

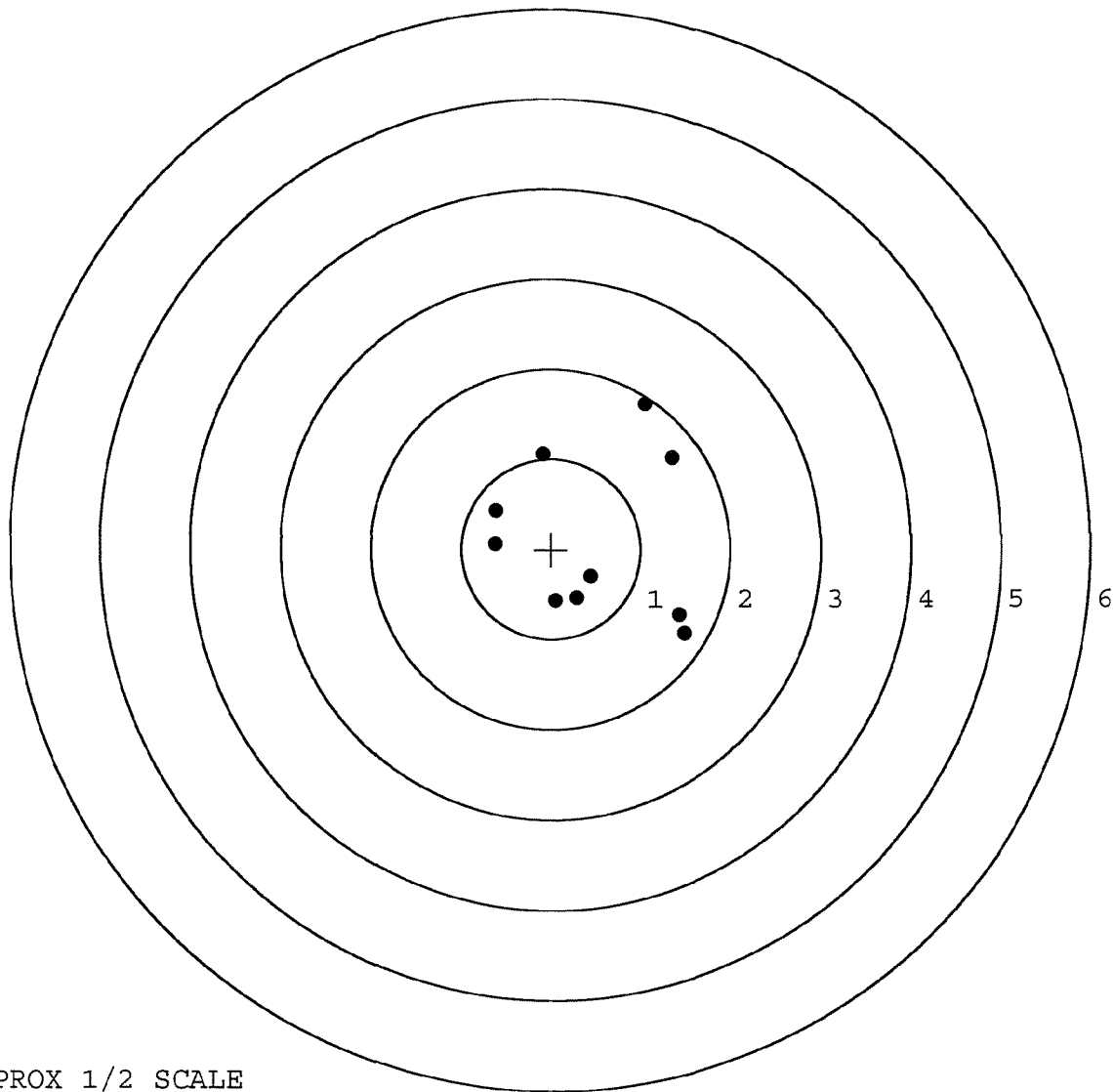
MAX RADIUS: 1.608

MEAN RADIUS: 1.083

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0063806

SERIAL NUMBER: C6348780. __0

TARGET NUMBER: 3

FILE DATE: 05/06/2005

FILE TIME: 07:18

POINT#	X	Y
1:	0.662	-0.470
2:	0.645	-0.107
3:	0.244	0.603
4:	-0.037	0.157
5:	-0.286	0.178
6:	-0.645	0.670
7:	-0.095	1.058
8:	-0.709	-0.420
9:	-1.187	-0.768
10:	-1.016	-1.468

X CENTROID: -0.242

Y CENTROID: -0.057

POA TO CENTROID: 0.249

HORZ SPREAD: 1.849

VERT SPREAD: 2.526

GROUP SPREAD: 2.689

MIN RADIUS: 0.239

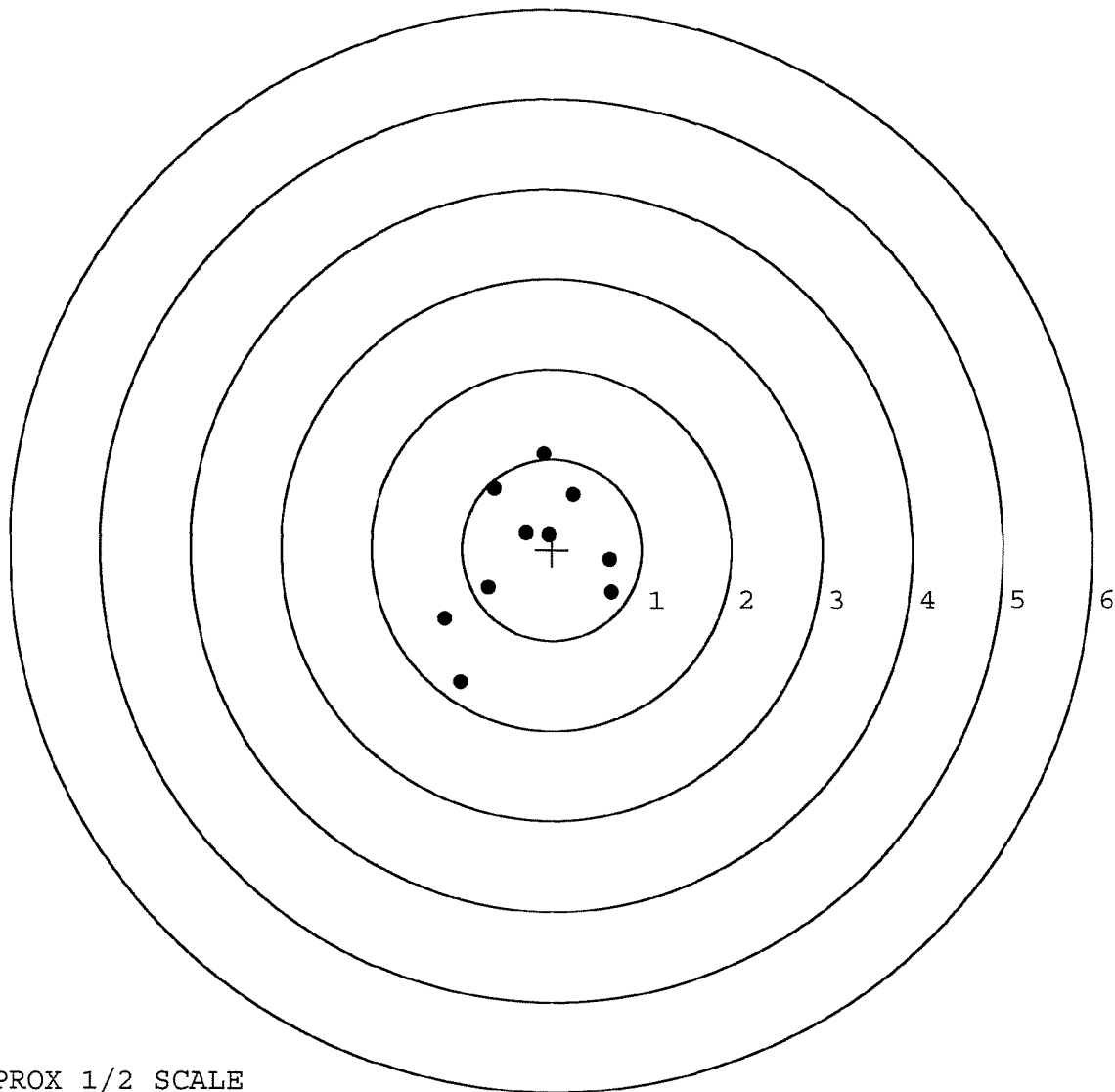
MAX RADIUS: 1.609

MEAN RADIUS: 0.858

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0063807

SERIAL NUMBER: C6348780. __0

TARGET NUMBER: 4

FILE DATE: 05/06/2005

FILE TIME: 07:18

POINT#	X	Y
1:	0.436	-0.521
2:	0.693	-0.439
3:	0.930	0.838
4:	-0.245	0.420
5:	-0.481	0.126
6:	-0.354	-0.323
7:	-0.812	-0.141
8:	0.414	0.052
9:	0.213	0.202
10:	0.225	0.546

X CENTROID: 0.102

Y CENTROID: 0.076

POA TO CENTROID: 0.127

HORZ SPREAD: 1.742

VERT SPREAD: 1.359

GROUP SPREAD: 1.998

MIN RADIUS: 0.168

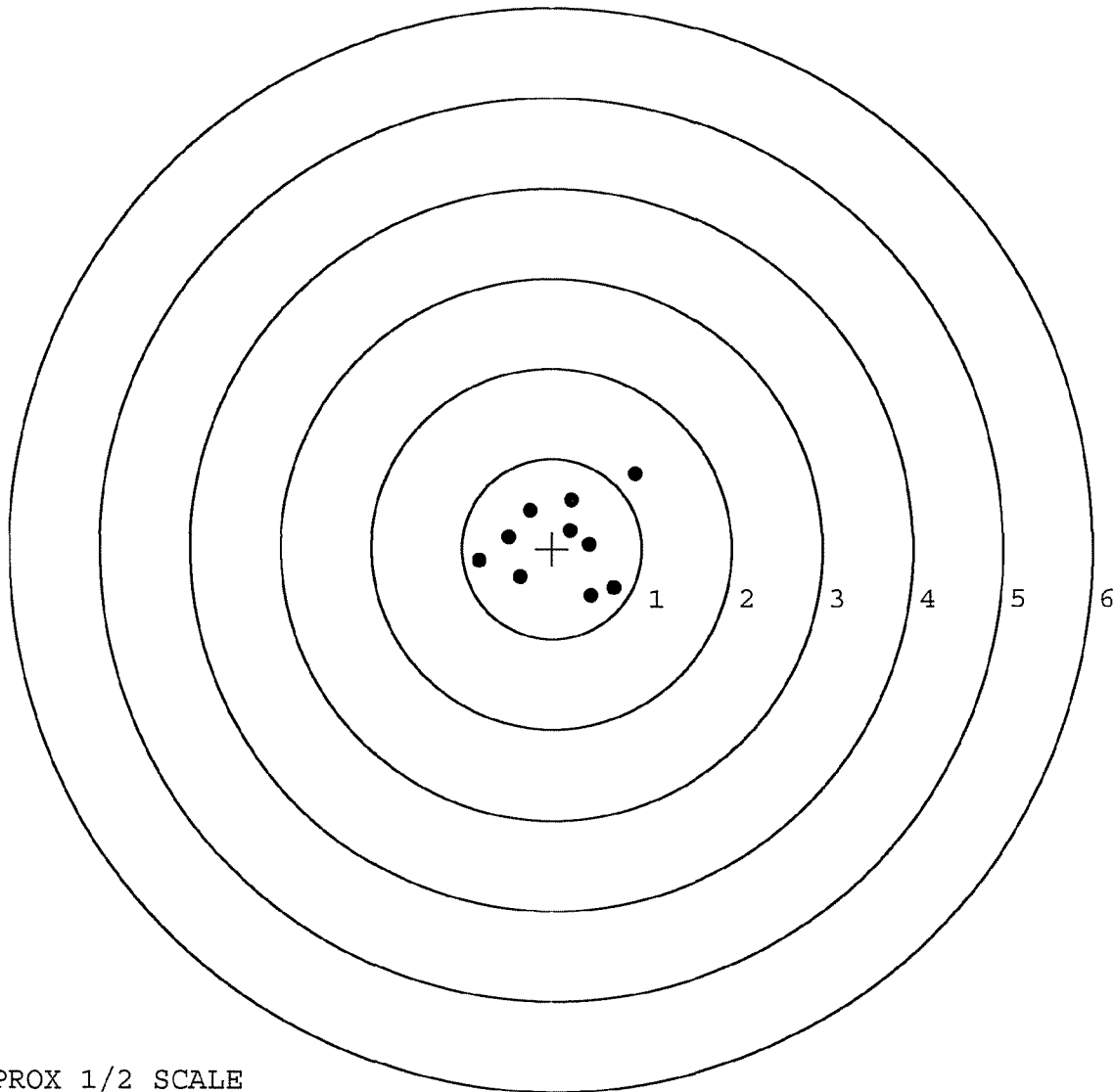
MAX RADIUS: 1.125

MEAN RADIUS: 0.618

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



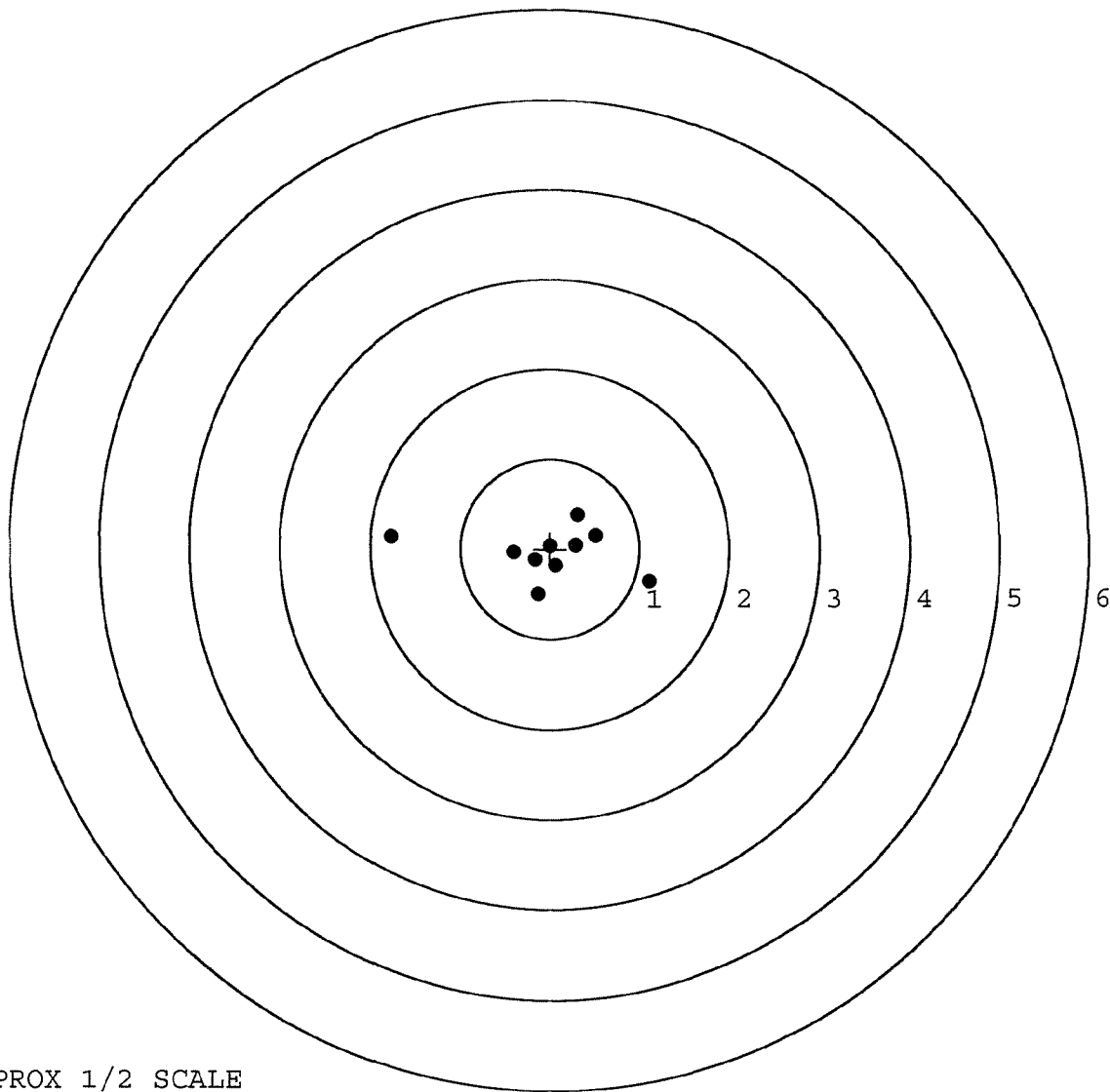
TARGET APPROX 1/2 SCALE

BARBER - M24 0063808

SERIAL NUMBER: C6348780. __0
TARGET NUMBER: 5
FILE DATE: 05/06/2005
FILE TIME: 07:18

POINT#	X	Y
1:	1.112	-0.362
2:	-1.772	0.127
3:	-0.137	-0.512
4:	-0.412	-0.043
5:	0.508	0.148
6:	0.314	0.381
7:	0.293	0.040
8:	-0.003	0.038
9:	0.062	-0.190
10:	-0.169	-0.126

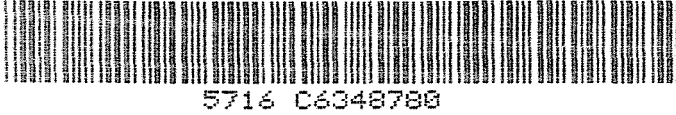
X CENTROID: -0.020
Y CENTROID: -0.050
POA TO CENTROID: 0.054
HORZ SPREAD: 2.884
VERT SPREAD: 0.893
GROUP SPREAD: 2.925
MIN RADIUS: 0.090
MAX RADIUS: 1.761
MEAN RADIUS: 0.566
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	92455		
SERIAL NUMBER	C6348780		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-1-05	RTL
560 A	RE-BARREL	4-7-05	RTL
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTL
600	PROOF	4-8-05	A
605	CHECK HEADSPACE	4-8-05	A
610	DIS-ASSEMBLE GUN	4-11-05	RTL
612	MAGNAFLUX	4-12-05	CS
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	W
625 A	FINAL ASSEMBLY	5-2-05	RTL
B	TRIGGER PULL TEST	5-9-05	Ac
C	SAFETY "ON" FORCE	5-9-05	Ac
D	SAFETY "OFF" FORCE	5-9-05	Ac
E	FIRING PIN INDENT	5-9-05	Ac
640	TARGET	5-6-05	TRW
655	FINAL INSPECT	5-9-05	Ac
660	PACK	5-11-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM H24		SERIAL NO. C6348780	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348780

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 25	89	RW
600	Proof	7 25	89	RW
607	Check Headspace		89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		7/26/89	KR
	Magnaflux Bolt		7/26/89	KR
615	Rollmark Caliber		7/26/89	SS
.7	Drill and Tap Sight Holes		7/27/89	WC
618	Polish Barrel RB		7/31/89	WJ3
620	Apply Coatings (Barrel Action)		8-2-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/2/89	RW
	C) Inspect Ejector Hole for Chamfer		8/2/89	RW
	D) Oil Firing Pin Ass'y		8/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/2/89	SS

op. #	BARBER, M24 0063812 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8 Aug 89	JSS
	G) Safety Off Force	3	3	3			8 Aug 89	JSS
	H) Trigger Pull Test & Retainability						8 Aug 89	JSS
	I) Firing Pin Indent	.021	.021	.021			8 Aug 89	JSS
	J) Assemble Stock						8/10/89	RW
	K) Assemble Swivel Studs						16 Aug 89	JSS
	L) Attach Front and Rear Sight Assemblies						8/10/89	RW
	M) Iron Sight Alignment						8/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/10/89	RW
	O) Attach Scope to Rifle						10 Aug 89	JSS
	P) Detach & Attach Scope 20 Times						10 Aug 89	JSS
640	Gallery Target & Test	97 R	55 L				8-14-89	J
	A) Time						8-14-89	J
	B) Malfunctions						8-14-89	J
	C) Pierced Primers						8-14-89	AC
	D) Optical Clarity of Scope						8-14-89	J
645	Inspect for Live Ammo						8-14-89	J
655	Final Inspection							
	A) Headspace						16 Aug 89	JSS
	B) Trigger Pull	255	288	282	269	265	16 Aug 89	JSS
	C) Function						16 Aug 89	JSS
660	Pack						20 Sept 89	JSS

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF	100 Rd. OK	AC
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. _____		GA. CAL. _____	GUN # _____
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	does n't extract	DW
	2nd	New Extractor	RW
	3rd		
	4th		

8/14/89

FUNCTION _____

RD 6654 Rev 1

8780

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO.

66348772

DATE

4/6/89

TESTER

JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	221	238	252	273	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	218	260	252	236	
PULL #3	217	252	234	282	
PULL #4	245	254	253	228	
PULL #5	245	263	235	252	
TOTAL	1146	1267	1236	1271	
AVG.	2.292	2.534	2.472	2.542	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	280		
PULL #2	3.06	294		
PULL #3	3.03	295		
PULL #4	281	287		
PULL #5	294	293		
TOTAL	14.92	1449		
AVG.	2.984	2.898		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.03		3.97
PULL #2	3.97	4.01		4.18
PULL #3	4.01	4.10		4.11
PULL #4	3.99	4.03		4.08
PULL #5	4.08	4.07		4.11
TOTAL	20.09	20.24		20.45
AVG.	4.018	4.048		4.09

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348780
15 Aug 1989

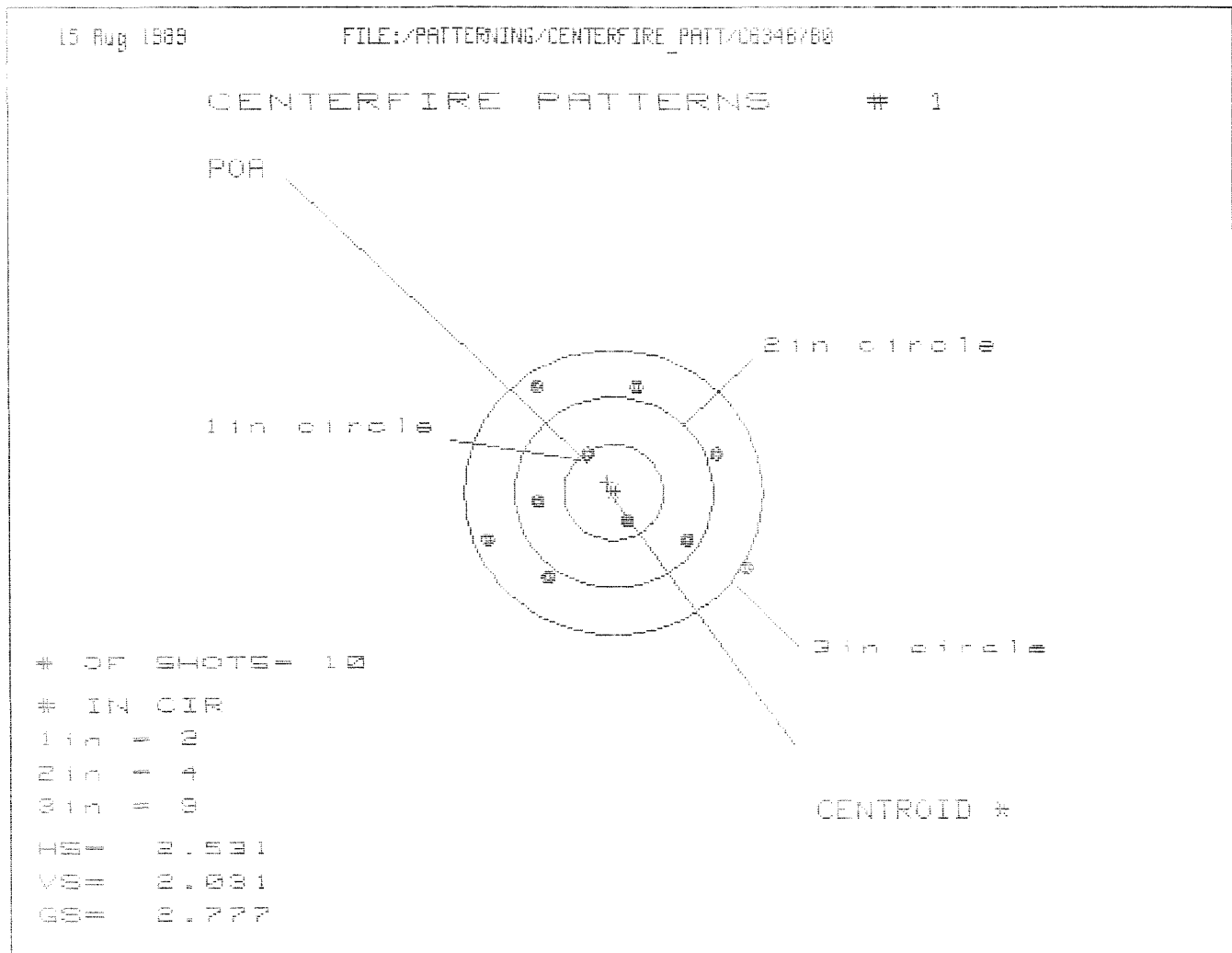
CENTROIDAL DISTANCES

0 TO	1	.128281
1 TO	2	.6211
1 TO	3	.874108
1 TO	4	.368828
1 TO	5	.198305

$\bar{x} = -0.3166$ $\bar{y} = -0.1868$ $r = 0.9676$

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -0.3166
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -0.1868
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 0.9676

THE AVE FOR THIS RIFLE IS: 1.108

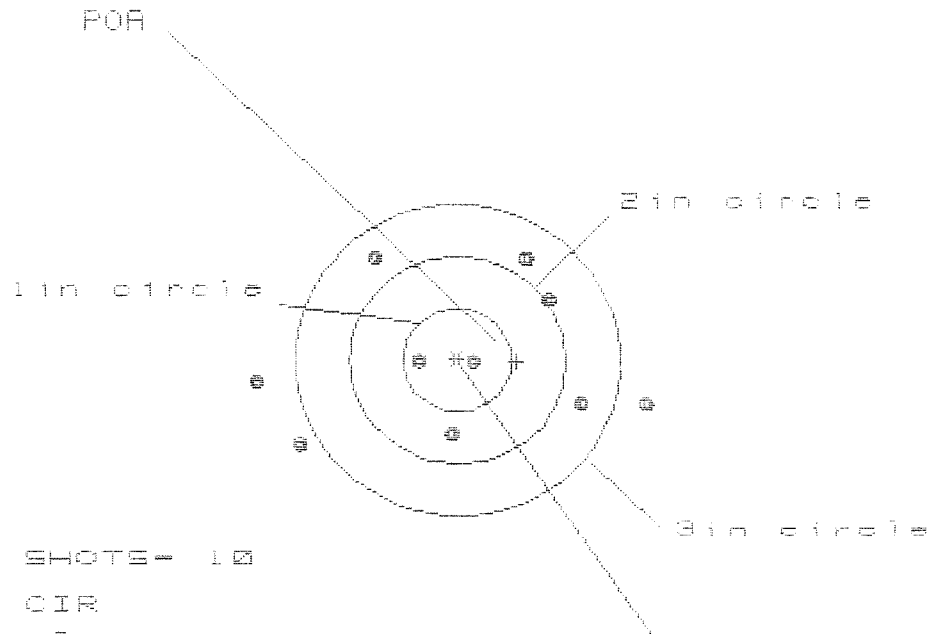


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.304	1.218	1.138
MINIMUM X	-1.227	-1.083	-1.163
MAXIMUM Y	1.109	1.024	1.146
MINIMUM Y	-0.922	-1.007	-0.885
CENTROID X	.066	-.073	.002
CENTROID Y	-.110	-.026	-.148
POR TO CENTROID in.	.129	.083	.148
MIN RADIUS	.372	.367	.375
MEAN RADIUS	1.008	.940	.902
MAX RADIUS	1.510	1.271	1.237
HORIZONTAL SPREAD	2.531	2.301	2.301
VERTICAL SPREAD	2.031	2.031	2.031
EXTREME SPREAD	2.777	2.470	2.470
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 3.618

VS= 1.772

GS= 3.629

CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.749	1.542	1.137
MINIMUM X	:	-1.869	-1.664	-1.472
MAXIMUM Y	:	.994	.976	.917
MINIMUM Y	:	-.778	-.796	-.855
CENTROID X	:	-.543	-.336	-.528
CENTROID Y	:	.012	.030	.089
POA TO CENTROID in.	:	.544	.337	.536
MIN RADIUS	:	.134	.082	.151
MEAN RADIUS	:	1.121	1.022	.942
MAX RADIUS	:	1.876	1.845	1.702
HORIZONTAL SPREAD	:	3.618	3.206	2.609
VERTICAL SPREAD	:	1.772	1.772	1.772
EXTREME SPREAD	:	3.629	3.222	2.744
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

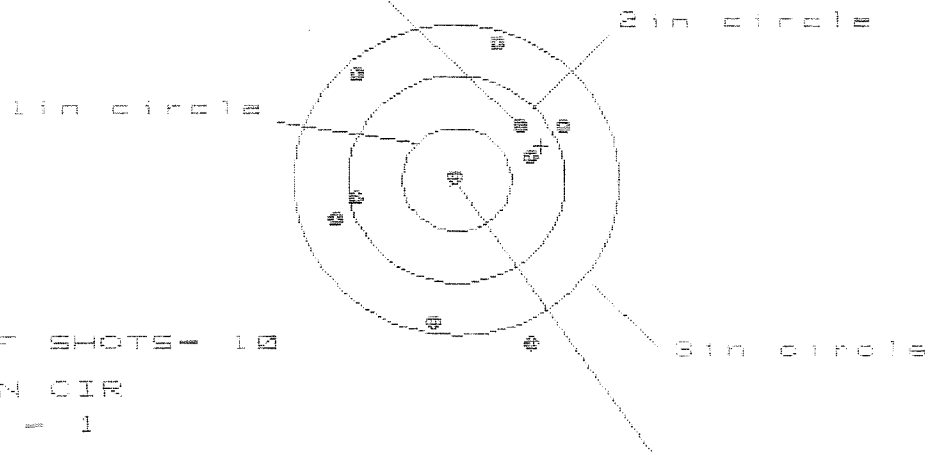
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FILE:/PATTERNING/CENTERFIRE_PATT/CB348780

CENTERFIRE PATTERNS

3

POA



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

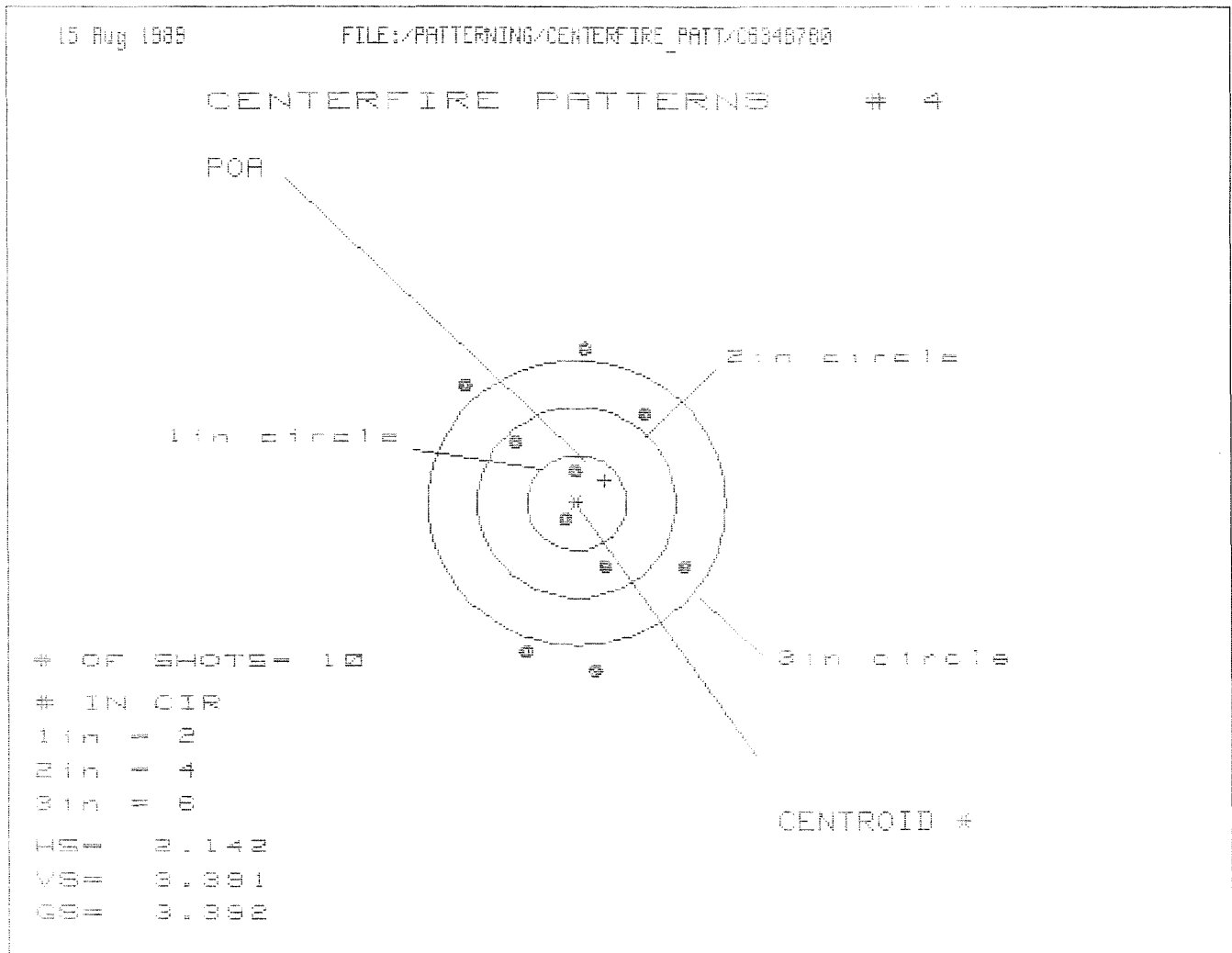
HS = 2.153

VS = 2.830

GS = 2.977

CENTROID #

PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.991
MINIMUM X	:	-1.162
MAXIMUM Y	:	1.281
MINIMUM Y	:	-1.549
CENTROID X	:	-.781
CENTROID Y	:	-.326
POA TO CENTROID in.	:	.946
MIN RADIUS	:	.062
MEAN RADIUS	:	1.060
MAX RADIUS	:	1.678
HORIZONTAL SPREAD	:	2.153
VERTICAL SPREAD	:	2.830
EXTREME SPREAD	:	2.977
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	4
NUMBER IN THREE INCH CIRCLE	=	5



PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.052
MINIMUM X	-1.090
MAXIMUM Y	1.608
MINIMUM Y	-1.783
CENTROID X	-.281
CENTROID Y	-.235
POA TO CENTROID in.	.386
MIN RADIUS	.142
MEAN RADIUS	1.125
MAX RADIUS	1.795
HORIZONTAL SPREAD	2.142
VERTICAL SPREAD	3.391
EXTREME SPREAD	3.392
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	6

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 3.588

VS= 2.599

GS= 3.873

PATTERN #

:

5

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.563

1.338

1.466

MINIMUM X

:

-2.025

-1.366

-1.238

MAXIMUM Y

:

1.499

1.389

1.509

MINIMUM Y

:

-1.100

-1.210

-1.090

CENTROID X

:

-.044

.181

.053

CENTROID Y

:

-.275

-.165

-.285

POA TO CENTROID in.:

.279

.245

.289

MIN RADIUS

:

.356

.237

.261

MEAN RADIUS

:

1.225

1.081

1.036

MAX RADIUS

:

2.256

1.754

1.578

HORIZONTAL SPREAD

:

3.588

2.704

2.704

VERTICAL SPREAD

:

2.599

2.599

2.599

EXTREME SPREAD

:

3.873

3.157

2.787

NUMBER IN ONE

INCH CIRCLE

=

1

NUMBER IN TWO

INCH CIRCLE

=

4

NUMBER IN THREE

INCH CIRCLE

=

6