

C6587528

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: RE00151969

Serial: C6587528 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/19/1990

Repairman:

Verify Repair

Status: Closed 9/26/2008 9:50:53 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON AL

DEF DIST DEPOT ANNISTON AL

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

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

FPL:

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
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

9/29/2008

2:39 PM

CAPS

NUM

INS

SCRL



Serial Number: C6587528

Model M24 SWS



RE00151969

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

151969

SERIAL NUMBER

C6587528

LOG-IN DATE

9-26-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-25-09	RTZ
505	RE-BARREL	3-27-09	RTZ
420	ASSEMBLE	3-27-09	RTZ
440	PROOF	3-27-09	TE
460	CHECK HEADSPACE	3-27-09	TE
470	DIS-ASSEMBLE GUN		
480	MAGNAFLUX	4/2/09	(D)
510	DRILL AND TAP	3-28-09	SE
500	ROLLMARK CALIBER	4/2/09	RT
520	GOFF BLAST BBL / REC	4-2	RT
530 & 540	APPLY COATINGS	4-3	
560	FINAL ASSEMBLY	4-13-09	RTZ
640	FUNCTION TEST AND	4-13-09	RP
650	TARGET	4-13-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-13-09	RPD
	A) HEADSPACE	PASS FAIL	4-14-09
	B) TRIGGER PULL	3.15 3.02 3.17 3.11 3.12 4-14-09	NN
680	F) SAFETY ON FORCE	4 5.5 5.5 4-14-09	NN
	G) SAFETY OFF FORCE	4 4 4 4-14-09	NN
	I) FIRING PIN INDENT	.021 .021 .022 4-14-09	NN
690	PACK	4-14-09	Fm

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587528.___0

FILE DATE AND TIME: 04/14/2009 05:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.041
The Average Mean Radius of the Five Target Set:	0.580
The Distance from POA to Centroid Target #1:	0.260
The Distance from Centroid Target #2 to Centroid Target #1:	0.244
The Distance from Centroid Target #3 to Centroid Target #1:	0.340
The Distance from Centroid Target #4 to Centroid Target #1:	0.372
The Distance from Centroid Target #5 to Centroid Target #1:	0.262

SERIAL NUMBER: C6587528. 0

TARGET NUMBER: 1

FILE DATE: 04/14/2009

FILE TIME: 05:38

POINT#	X	Y
1:	-0.263	-0.504
2:	0.039	-0.371
3:	0.396	-0.078
4:	0.407	0.135
5:	-0.349	0.191
6:	-0.104	0.282
7:	0.129	0.611
8:	0.667	1.530
9:	0.356	0.115
10:	0.376	0.100

X CENTROID: 0.165

Y CENTROID: 0.201

POA TO CENTROID: 0.260

HORZ SPREAD: 1.016

VERT SPREAD: 2.034

GROUP SPREAD: 2.237

MIN RADIUS: 0.209

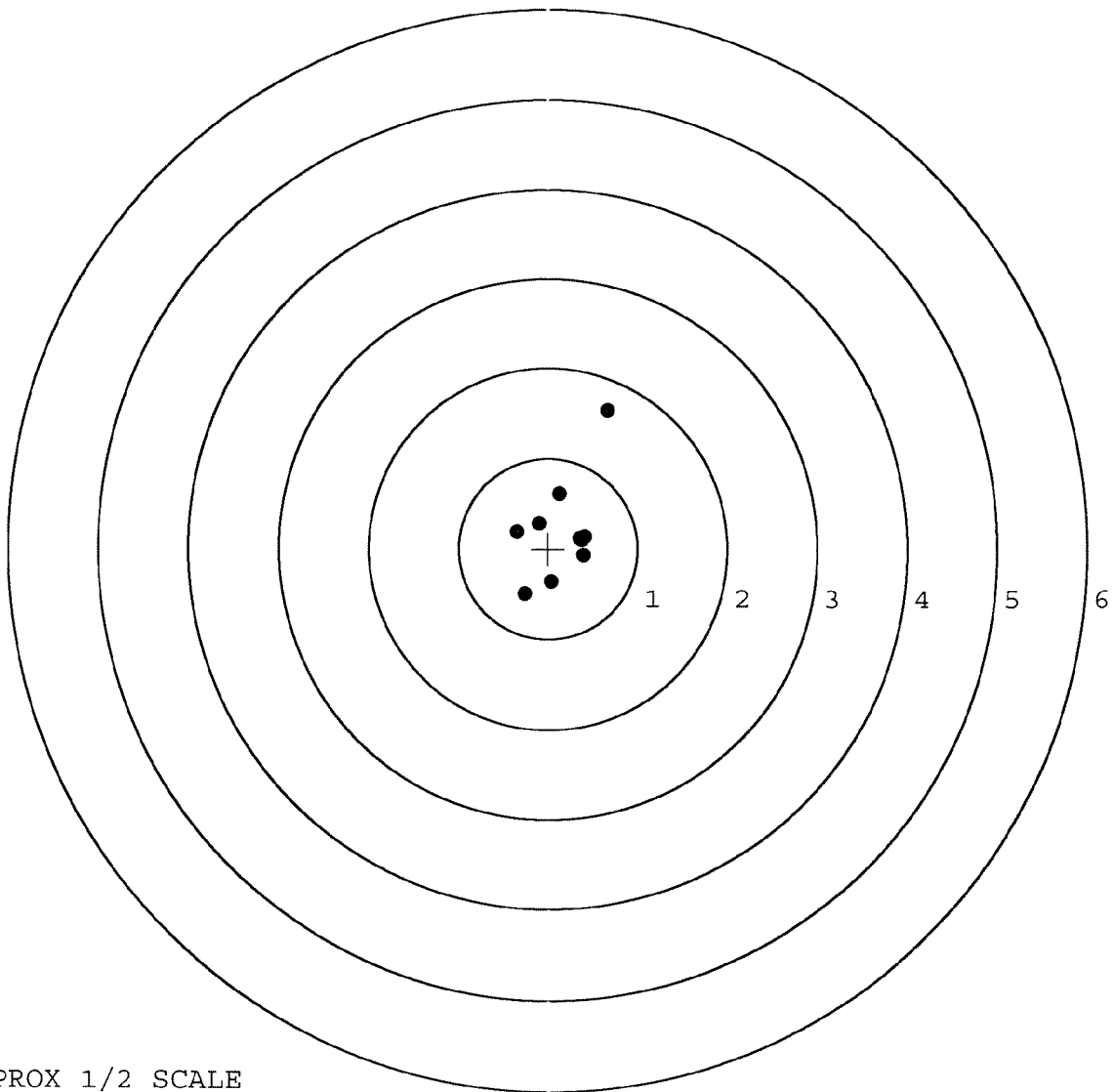
MAX RADIUS: 1.420

MEAN RADIUS: 0.509

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587528. 0

TARGET NUMBER: 2

FILE DATE: 04/14/2009

FILE TIME: 05:38

POINT#	X	Y
1:	1.111	-0.527
2:	0.144	-0.959
3:	0.306	-0.349
4:	-0.625	-0.327
5:	-1.274	0.813
6:	-0.556	0.515
7:	0.148	0.178
8:	0.176	0.384
9:	-0.023	0.822
10:	-0.147	0.981

X CENTROID: -0.074

Y CENTROID: 0.153

POA TO CENTROID: 0.170

HORZ SPREAD: 2.385

VERT SPREAD: 1.940

GROUP SPREAD: 2.736

MIN RADIUS: 0.223

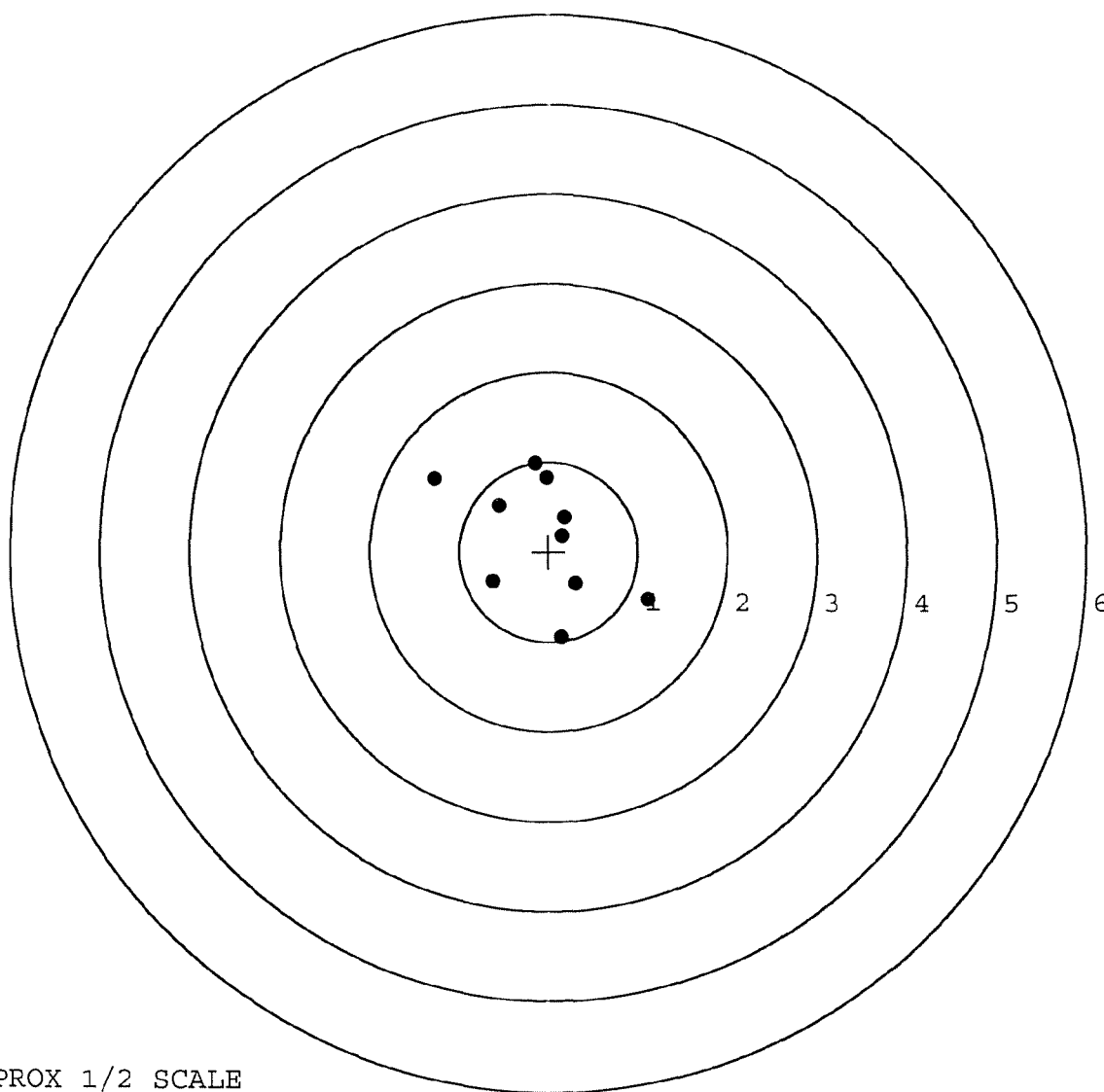
MAX RADIUS: 1.369

MEAN RADIUS: 0.790

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587528. __0

TARGET NUMBER: 3

FILE DATE: 04/14/2009

FILE TIME: 05:38

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

1:	-0.279	-1.480
----	--------	--------

2:	-0.445	-0.494
----	--------	--------

3:	-0.175	-0.054
----	--------	--------

4:	-0.048	-0.007
----	--------	--------

5:	-0.156	0.133
----	--------	-------

6:	0.115	0.090
----	-------	-------

7:	0.019	0.197
----	-------	-------

8:	0.184	0.184
----	-------	-------

9:	0.603	0.091
----	-------	-------

10:	0.285	0.329
-----	-------	-------

X CENTROID: 0.010

Y CENTROID: -0.101

POA TO CENTROID: 0.102

HORZ SPREAD: 1.048

VERT SPREAD: 1.809

GROUP SPREAD: 1.895

MIN RADIUS: 0.111

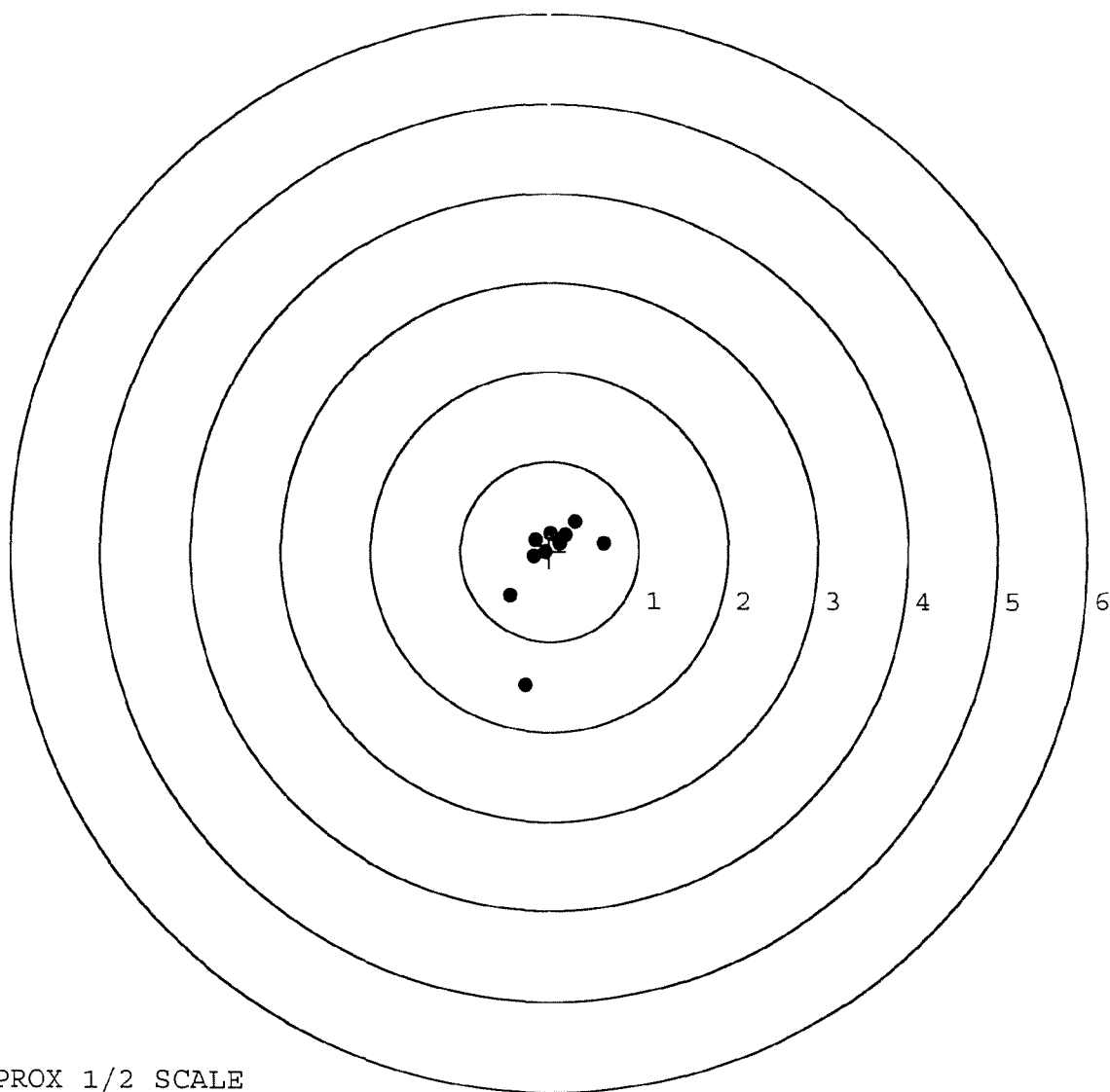
MAX RADIUS: 1.409

MEAN RADIUS: 0.458

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587528. __0

TARGET NUMBER: 4

FILE DATE: 04/14/2009

FILE TIME: 05:38

POINT#	X	Y
1:	1.047	-0.681
2:	-0.170	-0.849
3:	0.555	-0.250
4:	0.300	-0.325
5:	-0.945	-0.334
6:	0.402	0.087
7:	-0.080	0.053
8:	-0.404	0.058
9:	-0.280	0.326
10:	-0.394	0.582

X CENTROID: 0.003

Y CENTROID: -0.133

POA TO CENTROID: 0.133

HORZ SPREAD: 1.992

VERT SPREAD: 1.431

GROUP SPREAD: 2.022

MIN RADIUS: 0.204

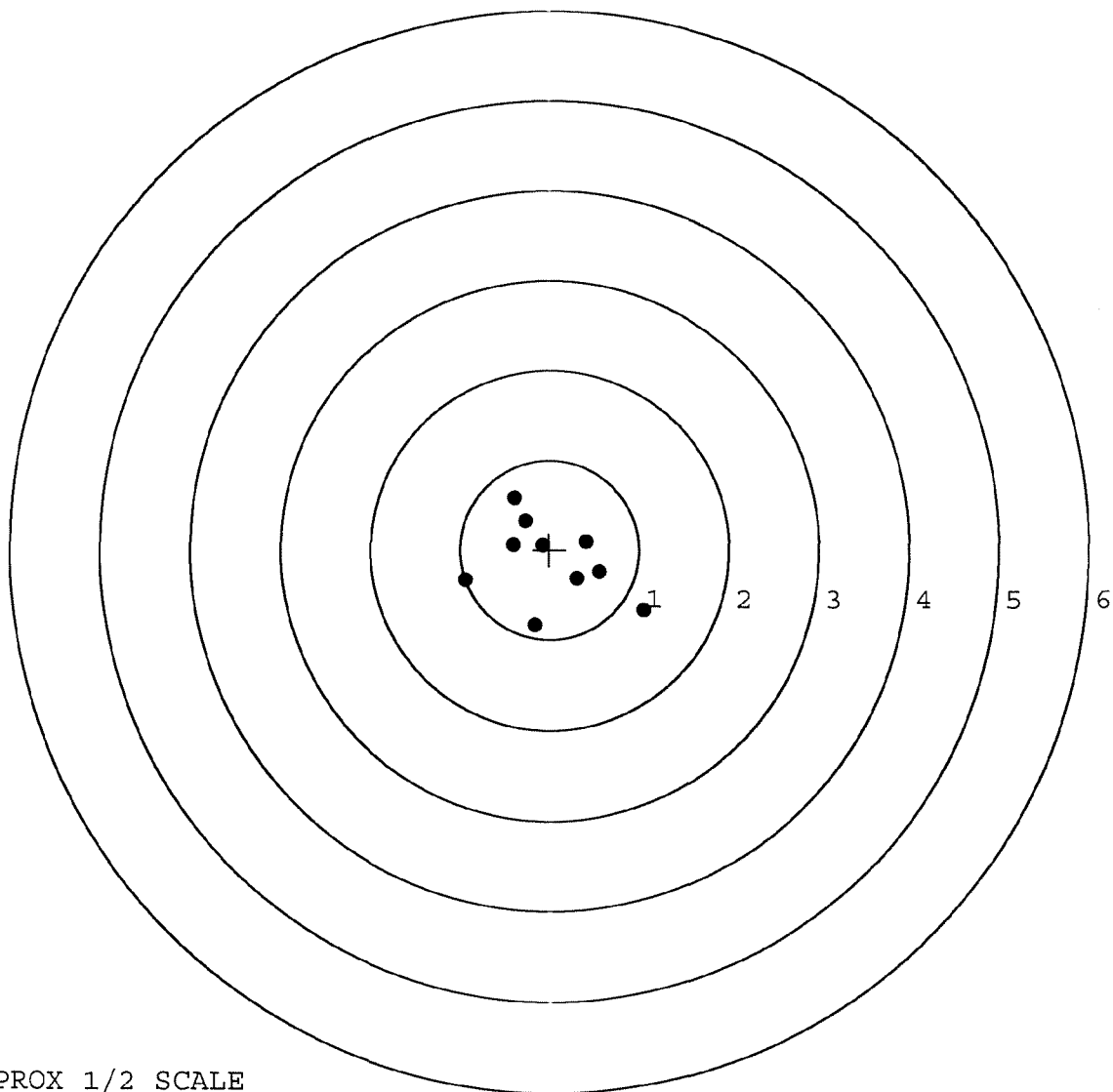
MAX RADIUS: 1.179

MEAN RADIUS: 0.627

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587528. __0

TARGET NUMBER: 5

FILE DATE: 04/14/2009

FILE TIME: 05:38

POINT#	X	Y
1:	0.833	0.176
2:	0.571	-0.028
3:	0.313	-0.301
4:	0.121	-0.469
5:	-0.493	-0.597
6:	-0.440	0.070
7:	-0.045	0.109
8:	-0.254	0.250
9:	-0.235	0.557
10:	0.511	-0.260

X CENTROID: 0.088

Y CENTROID: -0.049

POA TO CENTROID: 0.101

HORZ SPREAD: 1.326

VERT SPREAD: 1.154

GROUP SPREAD: 1.535

MIN RADIUS: 0.207

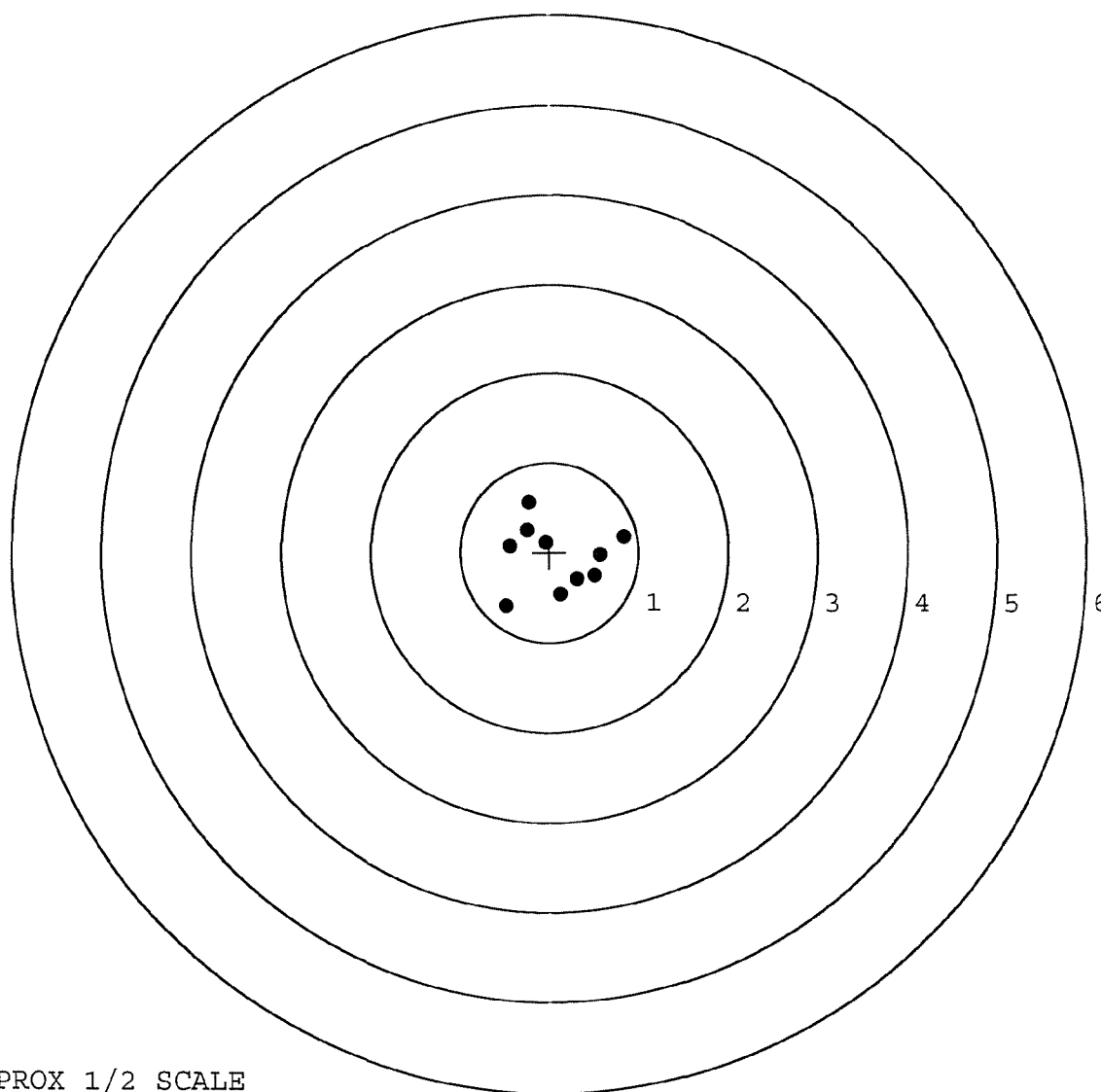
MAX RADIUS: 0.799

MEAN RADIUS: 0.518

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



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

MODEL 700TM H24

01

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



5716 C6587528

SERIAL NO.
C6587528

ORDER NO.
5716

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587528

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		10/25/90	LB
618	Polish Barrel R3		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)		"	
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/16/90	WB
	G) Safety Off Force	2 ³ / ₄	2 ³ / ₄	2 ³ / ₄			11/16/90	WB
	H) Trigger Pull Test & Retainability						11/16/90	JH
	I) Firing Pin Indent	.021	.022	.022			11/16/90	WB
	J) Assemble Stock						11/28/90	RW
	K) Assemble Swivel Studs						11-29-90	JS
	L) Attach Front and Rear Sight Assemblies						11/28/90	RW
	M) Iron Sight Alignment						11/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/28/90	RW
	O) Attach Scope to Rifle						11/28/90	RW
	P) Detach & Attach Scope 20 Times						11/28/90	RW
640	Gallery Target & Test						11/28/90	JS
	A) Time						"	JS
	B) Malfunctions						"	JS
	C) Pierced Primers						"	JS
	D) Optical Clarity of Scope						"	JS
645	Inspect for Live Ammo						11-28-90	JS
655	Final Inspection						11-29-90	JS
	A) Headspace							
	B) Trigger Pull	2.10	2.13	2.36	2.26	2.22	11-29-90	JS
	C) Function						11-29-90	JS
660	Pack						12/19/90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587528

DATE 11-16-90

TESTER gml

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.22	2.38	210	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.34	2.40	213	
PULL #3	2.41	2.48	2.35	230	
PULL #4	2.40	2.25	2.34	226	
PULL #5	2.24	2.15	2.30	222	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.16		
PULL #2	3.14	3.45		
PULL #3	3.10	3.50		
PULL #4	3.26	3.48		
PULL #5	3.48	3.47		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.46		4.36
PULL #2	4.38	4.42		4.38
PULL #3	4.23	4.38		4.23
PULL #4	4.27	4.40		4.27
PULL #5	4.42	4.40		4.31
TOTAL				
AVG.				

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587528
12 Dec 1990

CENTROIDAL DISTANCES

0 TO 1	.358402
1 TO 2	.21942
1 TO 3	.186964
1 TO 4	.211047
1 TO 5	.21879

★ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0282
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.227
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .228745

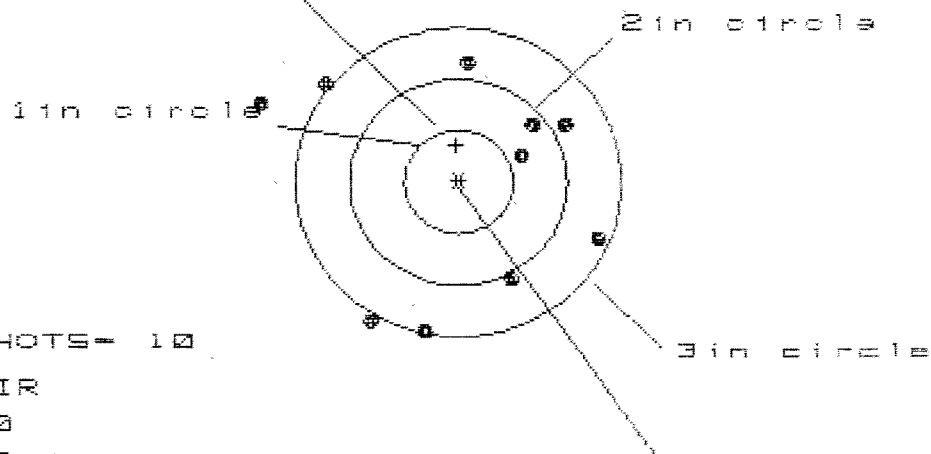
THE AMR FOR THIS RIFLE IS: 1.037

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587528

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.073

VS= 2.581

GS= 3.374

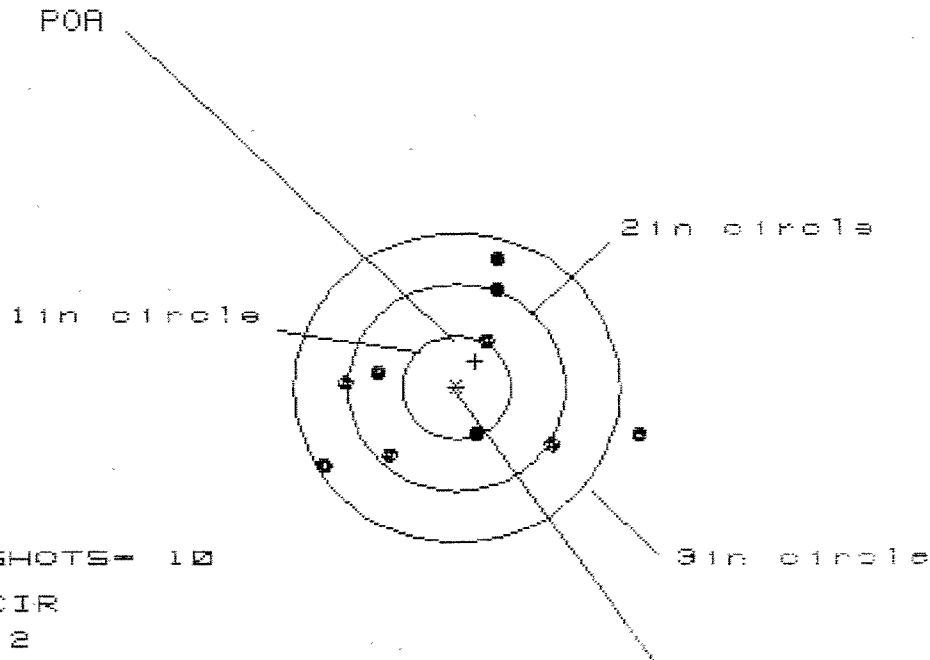
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.306	1.109	.980
MINIMUM X	-1.767	-1.394	-1.523
MAXIMUM Y	1.130	1.220	1.060
MINIMUM Y	-1.451	-1.361	-1.520
CENTROID X	.017	.214	.343
CENTROID Y	-.359	-.449	-.290
POA TO CENTROID in.	.359	.497	.449
MIN RADIUS	.692	.579	.377
MEAN RADIUS	1.281	1.168	1.052
MAX RADIUS	1.942	1.729	1.751
HORIZONTAL SPREAD	3.073	2.503	2.503
VERTICAL SPREAD	2.581	2.581	2.581
EXTREME SPREAD	3.374	2.928	2.928
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	7		

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587528

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.914

VS= 2.078

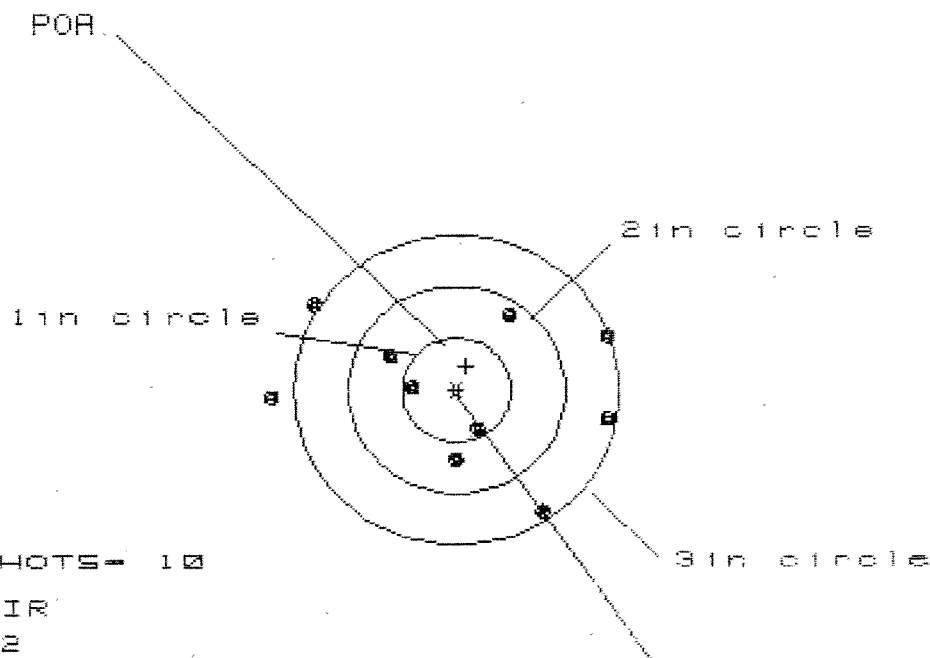
GS= 2.934

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.658	1.065	.931
MINIMUM X	-1.256	-1.072	-1.003
MAXIMUM Y	1.300	1.251	1.148
MINIMUM Y	-.778	-.827	-.799
CENTROID X	-.174	-.358	-.224
CENTROID Y	-.251	-.202	-.099
POA TO CENTROID in.	.305	.411	.245
MIN RADIUS	.422	.548	.417
MEAN RADIUS	1.026	.937	.877
MAX RADIUS	1.714	1.371	1.224
HORIZONTAL SPREAD	2.914	2.137	1.934
VERTICAL SPREAD	2.078	2.078	1.947
EXTREME SPREAD	2.934	2.642	2.203
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

12 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587528

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.134

VS= 2.054

GS= 3.184

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.374	1.178	.983
MINIMUM X	:	-1.760	-1.556	-1.028
MAXIMUM Y	:	.875	.868	.859
MINIMUM Y	:	-1.179	-1.186	-1.077
CENTROID X	:	-.089	.107	.362
CENTROID Y	:	-.230	-.223	-.332
POA TO CENTROID in.	:	.246	.247	.448
MIN RADIUS	:	.397	.347	.362
MEAN RADIUS	:	1.069	.988	.878
MAX RADIUS	:	1.761	1.782	1.156
HORIZONTAL SPREAD	:	3.134	2.734	2.011
VERTICAL SPREAD	:	2.054	2.054	1.936
EXTREME SPREAD	:	3.184	2.953	2.089
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587528

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.515

VS= 2.631

GS= 2.641

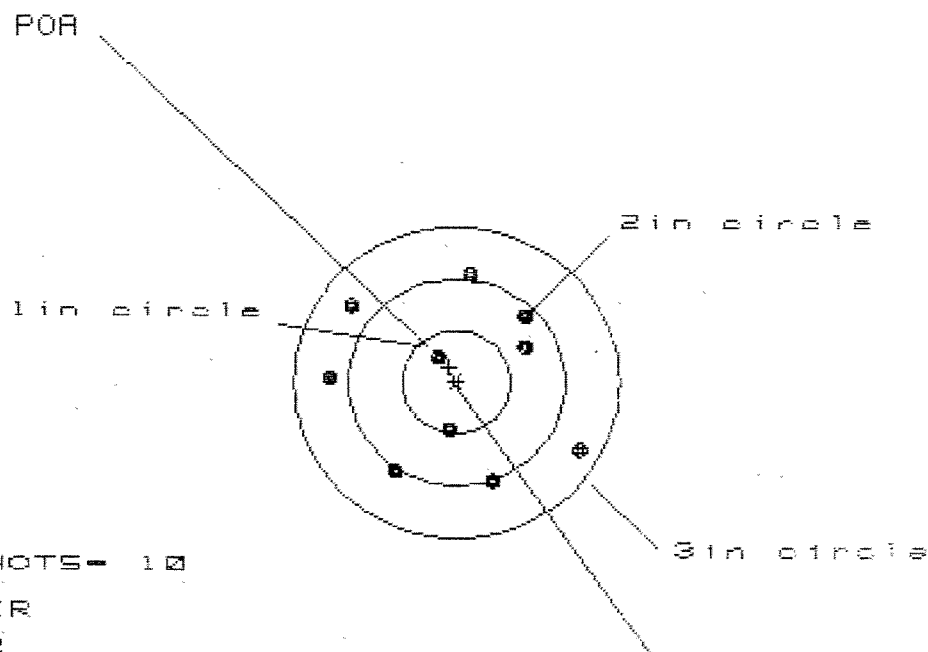
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.930	.917	.951
MINIMUM X	-.585	-.598	-.565
MAXIMUM Y	1.487	1.375	.970
MINIMUM Y	-1.144	-.979	-.807
CENTROID X	.038	.051	.017
CENTROID Y	-.149	-.314	-.486
POA TO CENTROID in.	.154	.318	.486
MIN RADIUS	.488	.359	.227
MEAN RADIUS	.888	.789	.675
MAX RADIUS	1.492	1.401	1.007
HORIZONTAL SPREAD	1.515	1.515	1.515
VERTICAL SPREAD	2.631	2.354	1.777
EXTREME SPREAD	2.641	2.438	1.778
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

12 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587528

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.381

VS= 2.005

GS= 2.536

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.170	.774	.639
MINIMUM X	-1.211	-1.081	-.927
MAXIMUM Y	1.016	.941	.942
MINIMUM Y	-.988	-1.064	-1.063
CENTROID X	.067	-.063	.072
CENTROID Y	-.146	-.070	-.070
POA TO CENTROID in.	.160	.094	.101
MIN RADIUS	.291	.155	.244
MEAN RADIUS	.921	.860	.825
MAX RADIUS	1.354	1.165	1.148
HORIZONTAL SPREAD	2.381	1.855	1.566
VERTICAL SPREAD	2.005	2.005	2.005
EXTREME SPREAD	2.536	2.151	2.151
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587528
29 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.218515
1 TO	2	.57717
1 TO	3	.077666
1 TO	4	.472959
1 TO	5	.36972

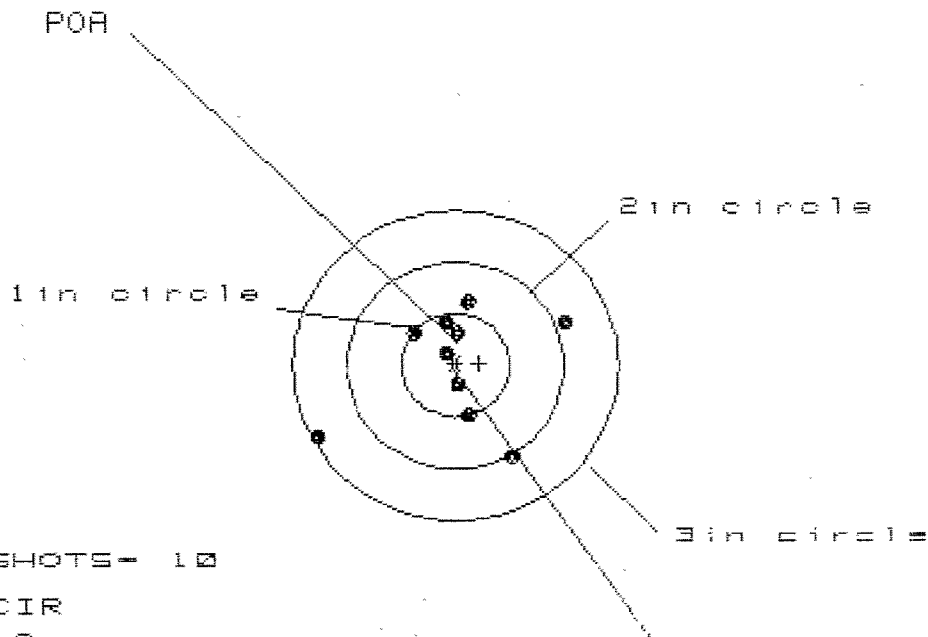
afe <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0754
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0784329
THE AMR FOR THIS RIFLE IS: .8742

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587528

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 6

2in = 8

3in = 10

HS= 2.284

VS= 1.450

GS= 2.530

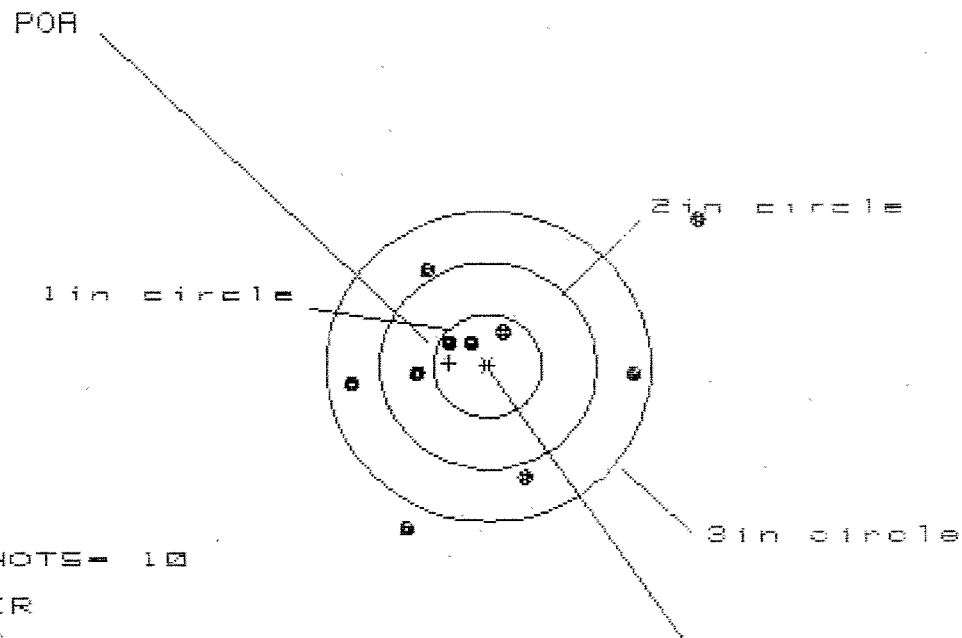
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.968	.822	.433
MINIMUM X	-1.316	-.505	-.402
MAXIMUM Y	.595	.522	.567
MINIMUM Y	-.855	-.928	-.883
CENTROID X	-.218	-.072	-.175
CENTROID Y	-.015	.058	.013
POA TO CENTROID in.	.219	.093	.175
MIN RADIUS	.172	.220	.198
MEAN RADIUS	.625	.527	.463
MAX RADIUS	1.470	.985	.983
HORIZONTAL SPREAD	2.284	1.327	.835
VERTICAL SPREAD	1.450	1.450	1.450
EXTREME SPREAD	2.530	1.491	1.491
NUMBER IN ONE INCH CIRCLE =	6		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

23 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587528

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 4

3in = 8

HS = 3.145

VS = 2.996

GS = 4.030

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.933	1.530	1.461
MINIMUM X	:	-1.212	-.997	-1.066
MAXIMUM Y	:	1.386	1.088	.907
MINIMUM Y	:	-1.610	-1.456	-1.143
CENTROID X	:	.359	.144	.213
CENTROID Y	:	-.029	-.183	-.002
POA TO CENTROID in.	:	.360	.233	.213
MIN RADIUS	:	.276	.360	.181
MEAN RADIUS	:	1.067	.903	.774
MAX RADIUS	:	2.379	1.555	1.463
HORIZONTAL SPREAD	:	3.145	2.527	2.527
VERTICAL SPREAD	:	2.996	2.544	2.050
EXTREME SPREAD	:	4.030	2.604	2.530
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.970

VS= 1.753

GS= 2.288

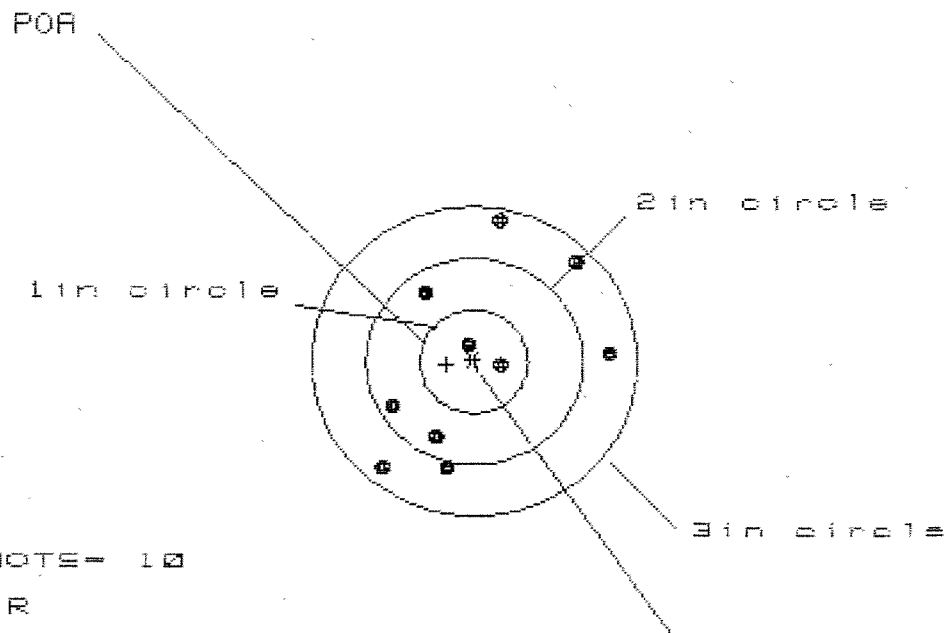
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.942	.679	.564
MINIMUM X	:	-1.028	-.924	-.539
MAXIMUM Y	:	.856	.814	.802
MINIMUM Y	:	-.897	-.802	-.814
CENTROID X	:	-.142	-.246	-.131
CENTROID Y	:	.001	-.094	-.082
POA TO CENTROID in.	:	.142	.264	.154
MIN RADIUS	:	.031	.111	.066
MEAN RADIUS	:	.681	.604	.563
MAX RADIUS	:	1.272	.941	.977
HORIZONTAL SPREAD	:	1.970	1.603	1.103
VERTICAL SPREAD	:	1.753	1.616	1.616
EXTREME SPREAD	:	2.288	1.848	1.848
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.089

VS= 2.395

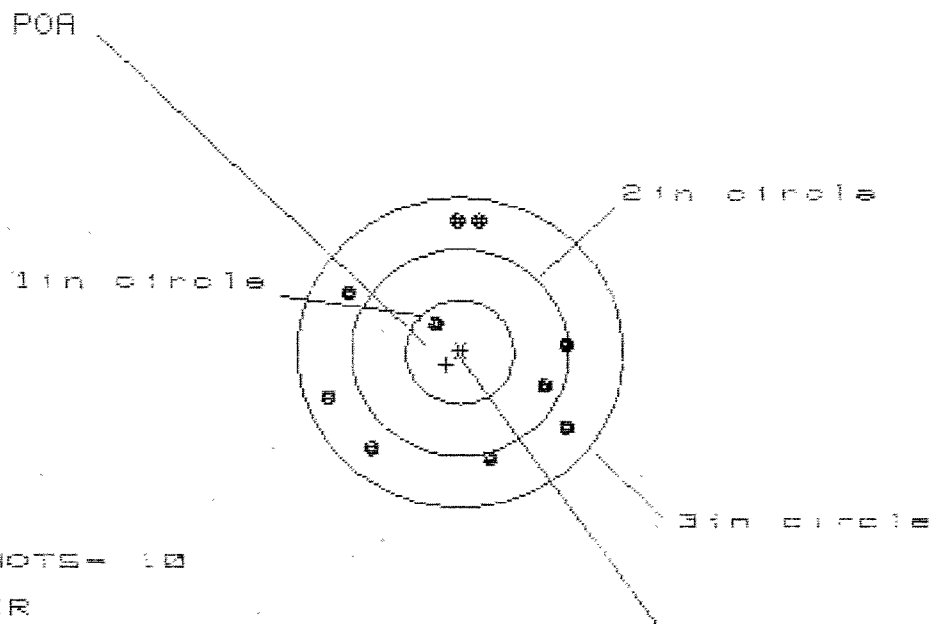
GS= 2.661

PATTERN. #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.262	1.366	1.411
MINIMUM X	-.827	-.723	-.678
MAXIMUM Y	1.327	1.439	.949
MINIMUM Y	-1.068	-.956	-.776
CENTROID X	.253	.149	.104
CENTROID Y	.028	-.084	-.264
POA TO CENTROID in.	.255	.171	.283
MIN RADIUS	.230	.319	.488
MEAN RADIUS	.933	.877	.790
MAX RADIUS	1.373	1.483	1.458
HORIZONTAL SPREAD	2.089	2.089	2.089
VERTICAL SPREAD	2.395	2.395	1.725
EXTREME SPREAD	2.661	2.555	2.344
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 10

HS= 2.191

VS= 2.277

GS= 2.422

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	1.004	1.028
MINIMUM X	:	-1.184	-1.187	-1.163
MAXIMUM Y	:	1.289	1.404	.846
MINIMUM Y	:	-.988	-.845	-.669
CENTROID X	:	.125	.128	.104
CENTROID Y	:	.123	-.020	-.196
POA TO CENTROID in.	:	.175	.130	.222
MIN RADIUS	:	.340	.469	.628
MEAN RADIUS	:	1.065	1.034	.975
MAX RADIUS	:	1.289	1.417	1.328
HORIZONTAL SPREAD	:	2.191	2.191	2.191
VERTICAL SPREAD	:	2.277	2.249	1.515
EXTREME SPREAD	:	2.422	2.422	2.379
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		10	