

C6348887

MODEL 700TM M24

Model SWSTM

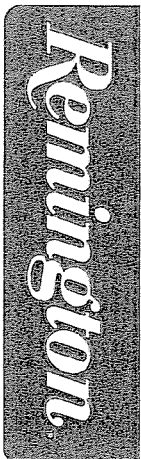
Action

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: RE00144830

Serial: C6348887 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/24/2008 10:58:58 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

12:25 PM

NUM



Serial Number: C6348887

Model: M24 SWS



RE00144830

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348887.__0

FILE DATE AND TIME: 05/20/2008 22:18

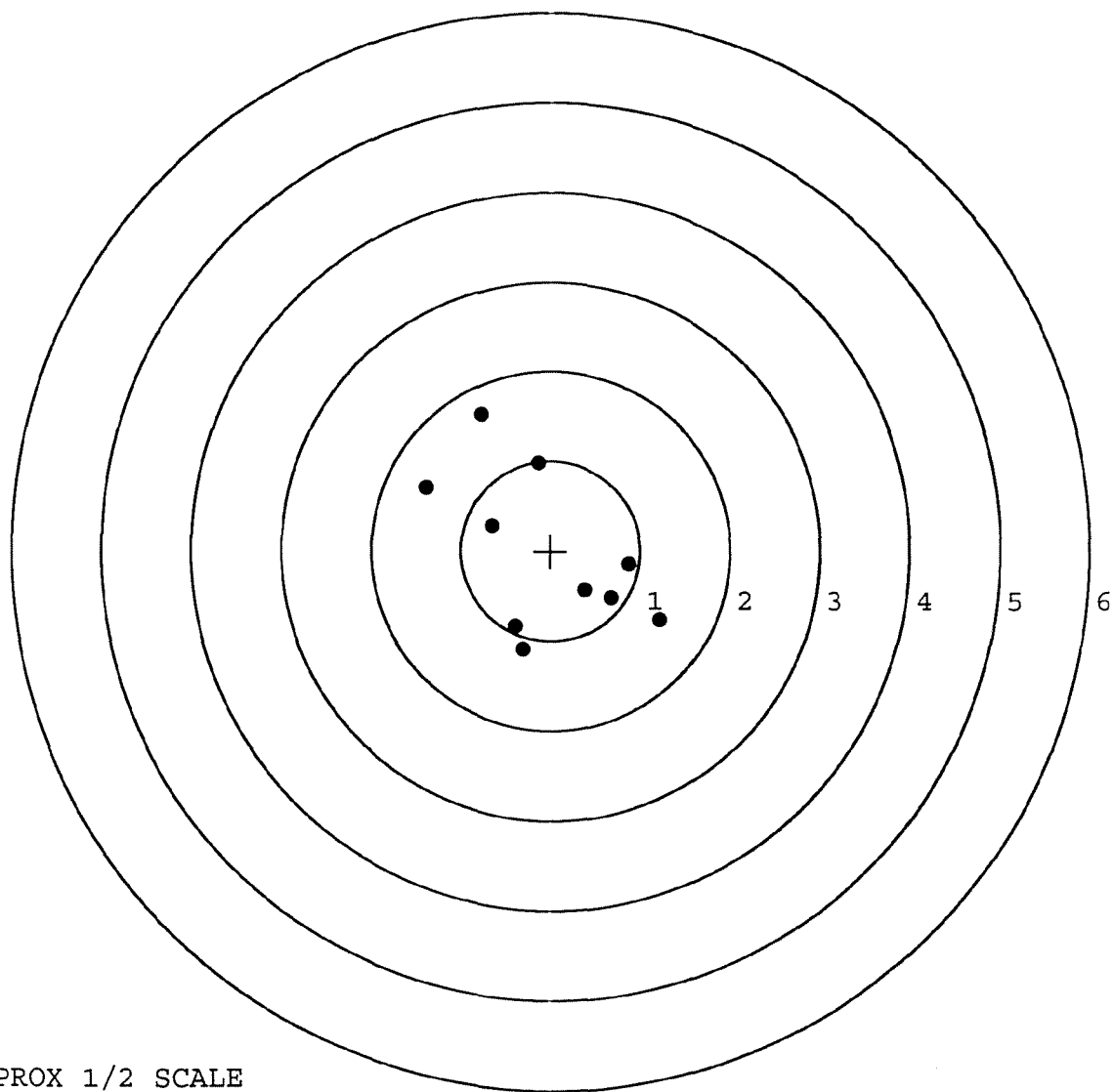
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.095
The Average Y Centroid of the Five Target Set:	-0.061
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.966
The Distance from POA to Centroid Target #1:	0.062
The Distance from Centroid Target #2 to Centroid Target #1:	0.225
The Distance from Centroid Target #3 to Centroid Target #1:	0.151
The Distance from Centroid Target #4 to Centroid Target #1:	0.177
The Distance from Centroid Target #5 to Centroid Target #1:	0.489

SERIAL NUMBER: C6348887. __0
TARGET NUMBER: 1
FILE DATE: 05/20/2008
FILE TIME: 22:18

POINT#	X	Y
1:	-0.774	1.512
2:	-0.137	0.977
3:	-1.393	0.696
4:	-0.656	0.278
5:	0.879	-0.148
6:	0.383	-0.442
7:	0.680	-0.525
8:	1.215	-0.771
9:	-0.395	-0.846
10:	-0.300	-1.103

X CENTROID: -0.050
Y CENTROID: -0.037
POA TO CENTROID: 0.062
HORZ SPREAD: 2.608
VERT SPREAD: 2.615
GROUP SPREAD: 3.028
MIN RADIUS: 0.593
MAX RADIUS: 1.710
MEAN RADIUS: 1.078
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. __0

TARGET NUMBER: 2

FILE DATE: 05/20/2008

FILE TIME: 22:18

POINT#	X	Y
1:	-0.704	0.816
2:	-0.134	0.903
3:	1.140	0.730
4:	-0.288	0.270
5:	-0.377	-0.055
6:	0.708	-0.034
7:	-0.930	-0.409
8:	-1.407	-0.942
9:	-0.031	-1.061
10:	-0.017	1.055

X CENTROID: -0.204

Y CENTROID: 0.127

POA TO CENTROID: 0.240

HORZ SPREAD: 2.547

VERT SPREAD: 2.116

GROUP SPREAD: 3.047

MIN RADIUS: 0.166

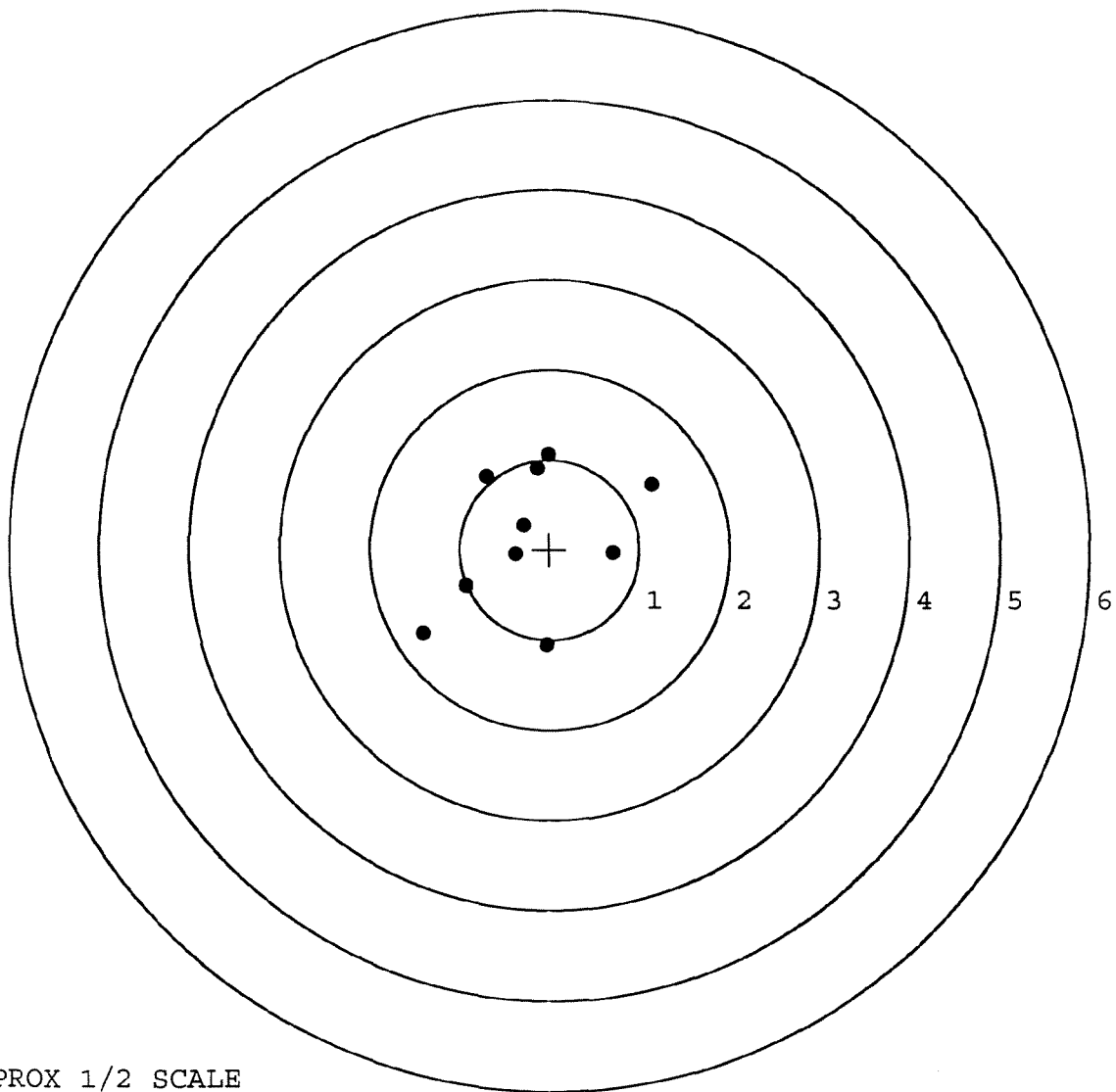
MAX RADIUS: 1.610

MEAN RADIUS: 0.911

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

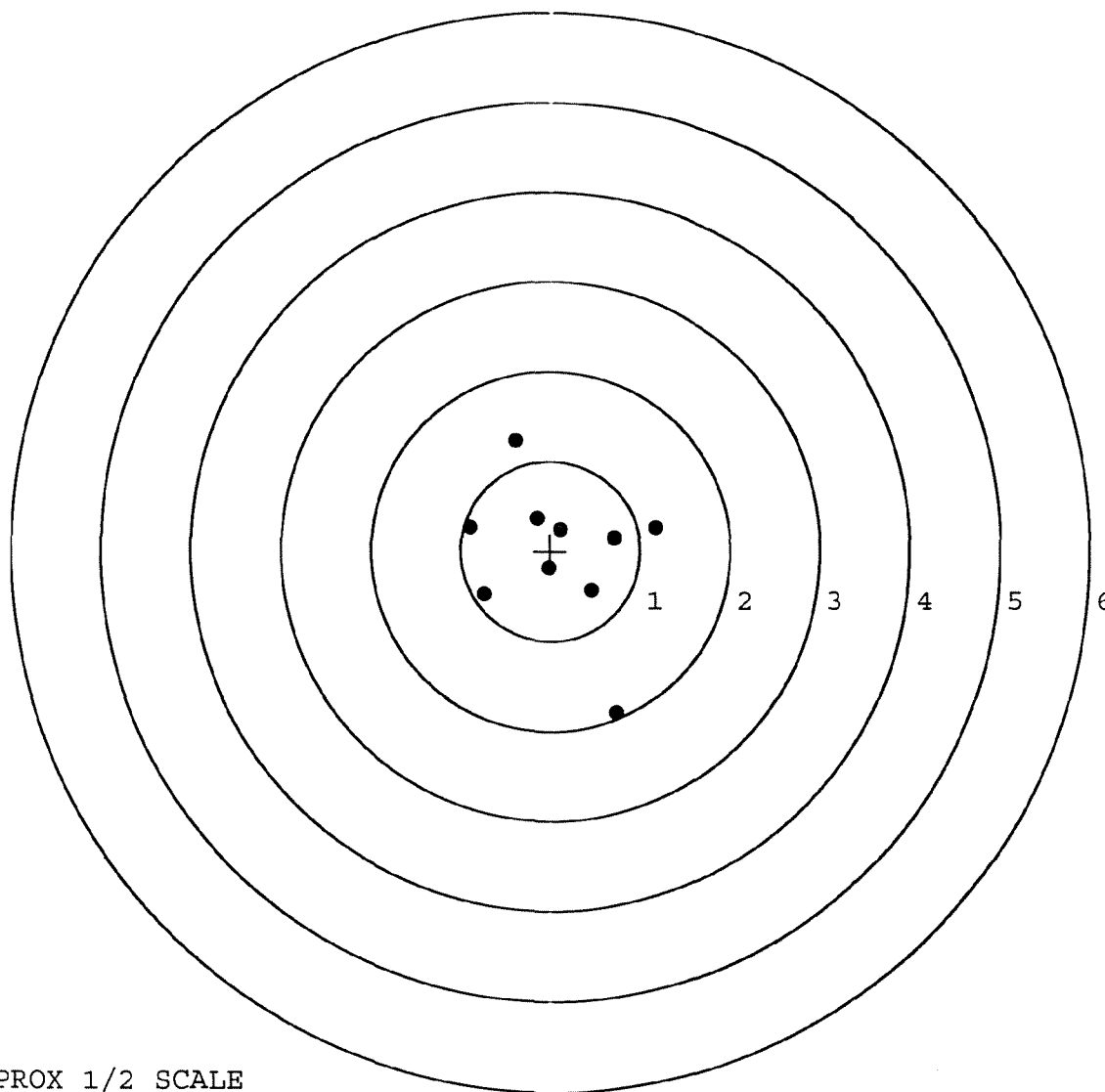


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. __0
TARGET NUMBER: 3
FILE DATE: 05/20/2008
FILE TIME: 22:18

POINT#	X	Y
1:	-0.392	1.220
2:	-0.147	0.365
3:	0.109	0.239
4:	0.708	0.146
5:	1.173	0.258
6:	0.463	-0.436
7:	-0.016	-0.196
8:	-0.737	-0.489
9:	-0.899	0.260
10:	0.745	-1.800

X CENTROID: 0.101
Y CENTROID: -0.043
POA TO CENTROID: 0.110
HORZ SPREAD: 2.072
VERT SPREAD: 3.020
GROUP SPREAD: 3.227
MIN RADIUS: 0.192
MAX RADIUS: 1.871
MEAN RADIUS: 0.846
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

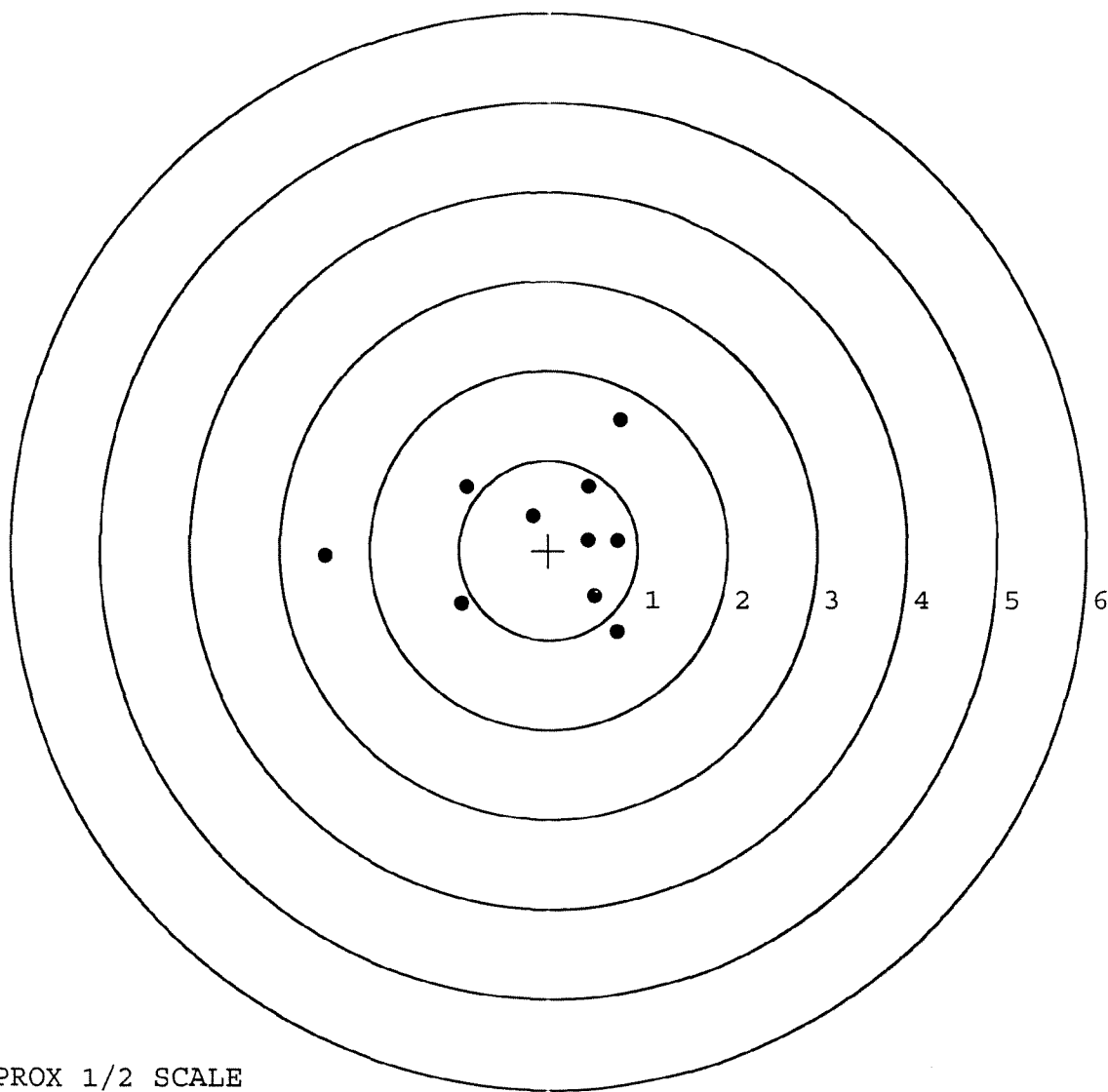


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. __0
TARGET NUMBER: 4
FILE DATE: 05/20/2008
FILE TIME: 22:18

X CENTROID: -0.079
Y CENTROID: 0.137
POA TO CENTROID: 0.158
HORZ SPREAD: 3.298
VERT SPREAD: 2.361
GROUP SPREAD: 3.635
MIN RADIUS: 0.262
MAX RADIUS: 2.428
MEAN RADIUS: 1.084
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.801	1.448
2:	0.453	0.719
3:	0.777	0.108
4:	0.450	0.117
5:	-0.174	0.381
6:	-0.917	0.703
7:	-2.497	-0.080
8:	-0.968	-0.603
9:	0.514	-0.509
10:	0.771	-0.913

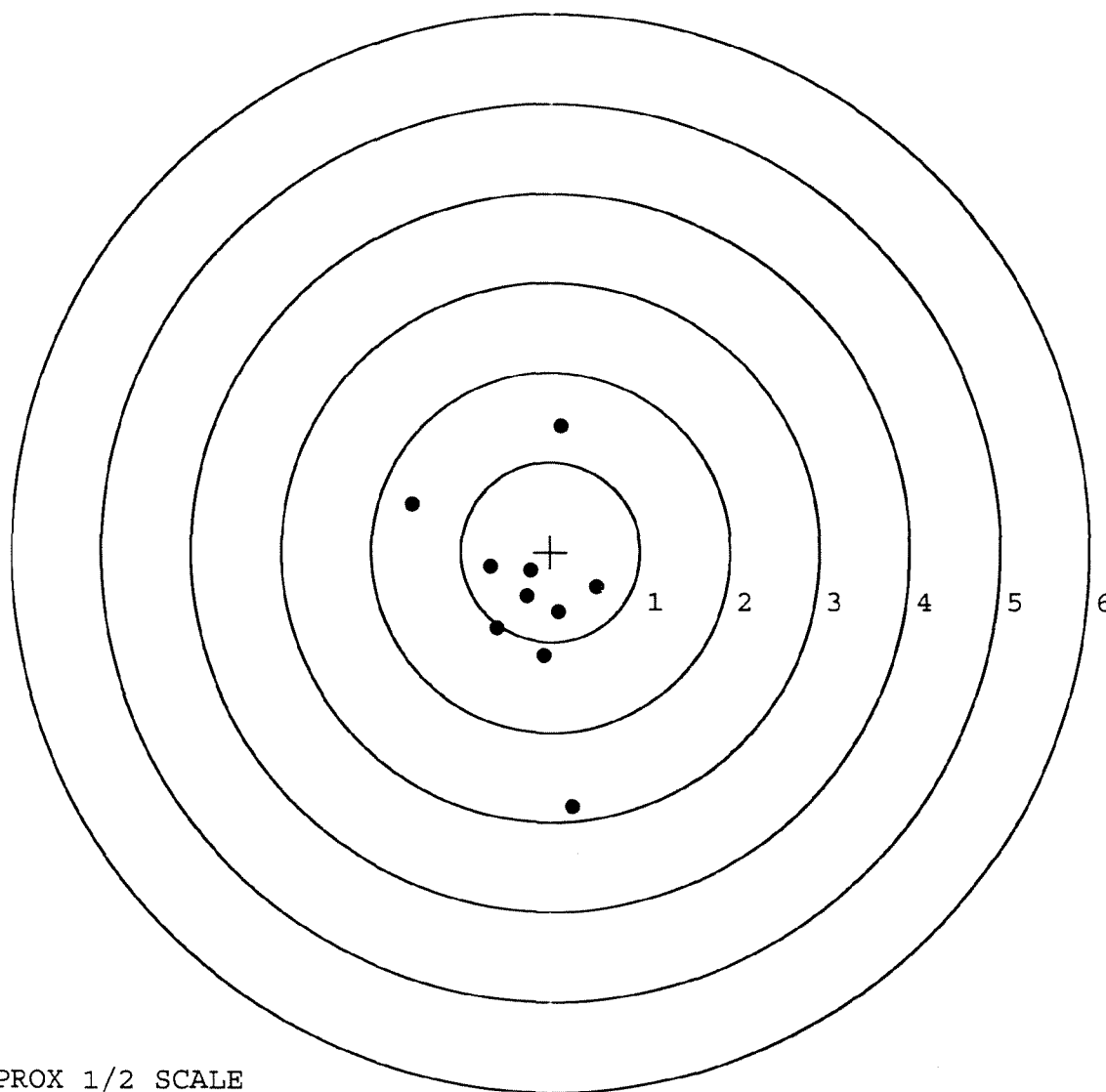


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. __0
TARGET NUMBER: 5
FILE DATE: 05/20/2008
FILE TIME: 22:18

POINT#	X	Y
1:	0.120	1.403
2:	-1.550	0.520
3:	-0.672	-0.180
4:	-0.220	-0.216
5:	-0.260	-0.501
6:	-0.598	-0.858
7:	0.088	-0.670
8:	-0.078	-1.156
9:	0.514	-0.389
10:	0.251	-2.830

X CENTROID: -0.241
Y CENTROID: -0.488
POA TO CENTROID: 0.544
HORZ SPREAD: 2.064
VERT SPREAD: 4.233
GROUP SPREAD: 4.235
MIN RADIUS: 0.024
MAX RADIUS: 2.393
MEAN RADIUS: 0.914
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 00144830

SERIAL NUMBER C6348887

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-2-08	S.P.D.
505	RE-BARREL		5-6-08	RTZ
560	ASSEMBLE		5-6-08	RTZ
600	PROOF	MAGNA - FLUX MAY 06 2008 OPERATOR <i>umag</i>	5-7-08	TRW
605	CHECK HEADSPACE		5-7-08	TRW
610	DIS-ASSEMBLE GUN		5-7-08	RTZ
612	MAGNAFLUX		5/9/08	umag
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		5-20-08	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	5-20-08	SD
650	TARGET	PASS FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-20-08	RP
670	FINAL INSPECTION		5/22/08	Fm
	A) HEADSPACE	<u>PASS</u> FAIL	5/22/08	Fm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.73 2.73 2.45 2.34 2.32	5-22-08 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.5 5 4.5	5/22/08 Fm
	G) SAFETY OFF FORCE	2 LBS MIN	4 4 4	5/22/08 Fm
	I) FIRING PIN INDENT	.020	.022 .022 .022	5/22/08 Fm
690	PACK		5/27/08	Fm

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: **RE00092209** Serial: C6348887 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/13/1989 Repairman: Status: Closed 2/1/2005 7:08:47 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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

naqlet 2/7/2005 11:08 AM CAPS NUM INS SCPL

start 3 3

Serial Number: **C6348887**

Model: **M24 SWS**



RE00092209

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348887.___0

FILE DATE AND TIME: 08/10/2005 08:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.230
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.239
The Average Mean Radius of the Five Target Set:	1.059
The Distance from POA to Centroid Target #1:	0.216
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.356
The Distance from Centroid Target #4 to Centroid Target #1:	0.683
The Distance from Centroid Target #5 to Centroid Target #1:	0.463

SERIAL NUMBER: C6348887.0

TARGET NUMBER: 1

FILE DATE: 08/10/2005

FILE TIME: 08:57

POINT#	X	Y
1:	-0.024	0.222
2:	0.302	0.987
3:	0.217	1.018
4:	-0.588	0.801
5:	-1.011	-0.194
6:	1.903	-0.817
7:	0.788	-0.812
8:	0.344	-1.213
9:	0.219	-0.408
10:	-0.104	-0.290

X CENTROID: 0.205

Y CENTROID: -0.071

POA TO CENTROID: 0.216

HORZ SPREAD: 2.914

VERT SPREAD: 2.231

GROUP SPREAD: 2.980

MIN RADIUS: 0.338

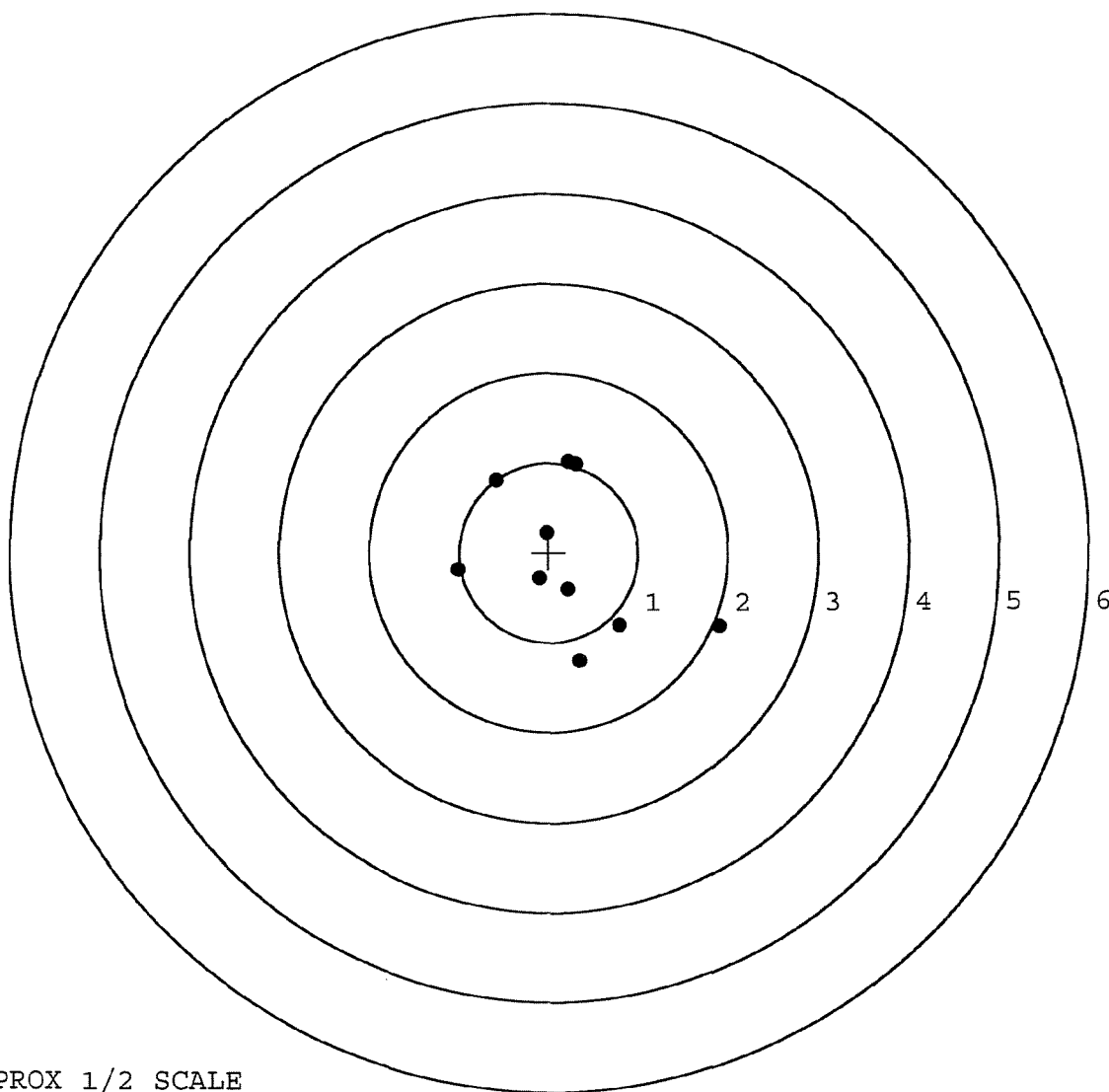
MAX RADIUS: 1.855

MEAN RADIUS: 0.959

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. 0

TARGET NUMBER: 2

FILE DATE: 08/10/2005

FILE TIME: 08:57

POINT#	X	Y
1:	0.694	0.028
2:	-0.635	-1.028
3:	-0.453	-0.657
4:	-0.110	-0.036
5:	-1.334	0.443
6:	-1.330	0.443
7:	-1.329	0.439
8:	0.862	-1.275
9:	3.044	0.674
10:	1.655	0.388

X CENTROID: 0.106

Y CENTROID: -0.058

POA TO CENTROID: 0.121

HORZ SPREAD: 4.378

VERT SPREAD: 1.949

GROUP SPREAD: 4.384

MIN RADIUS: 0.218

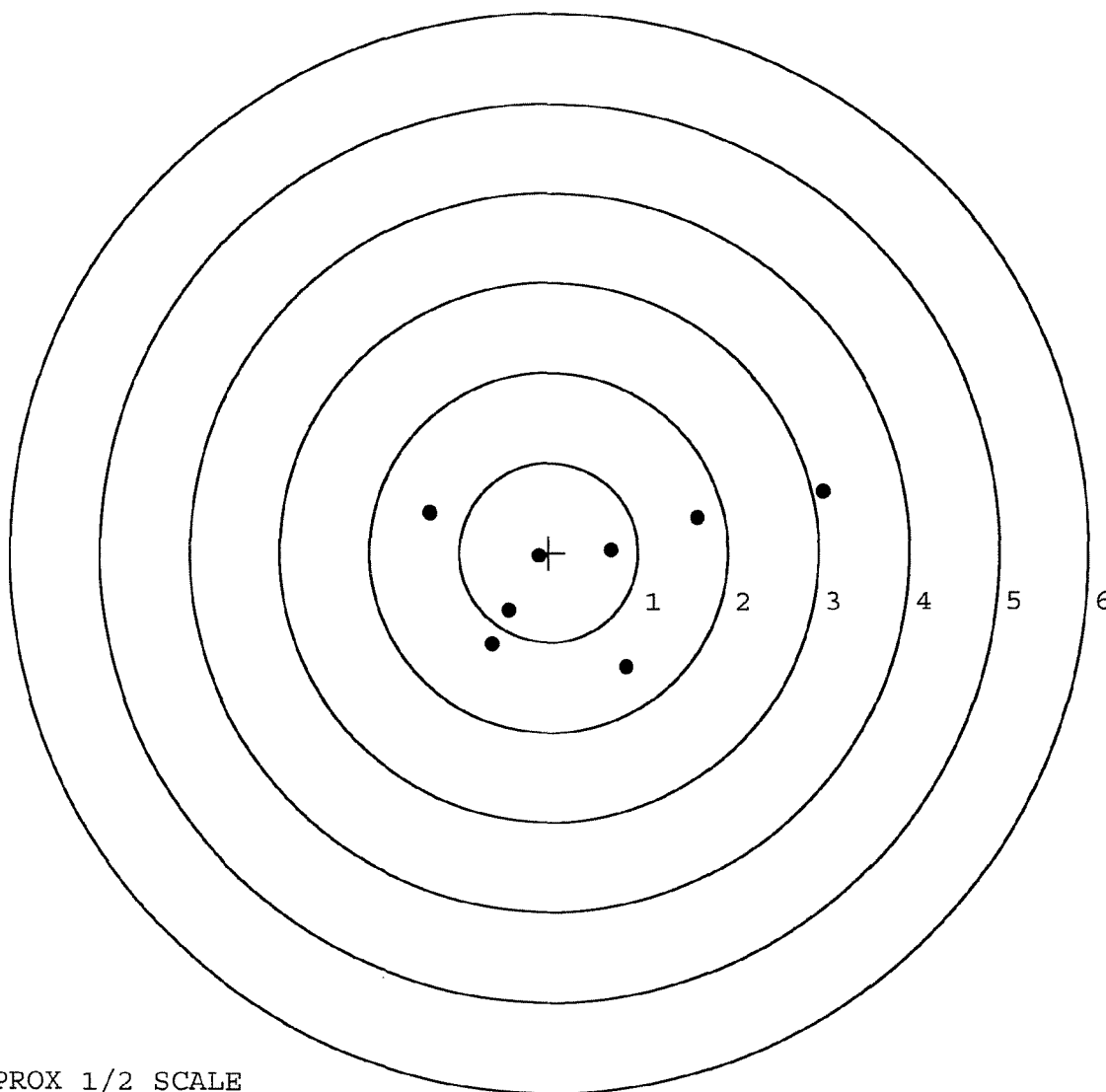
MAX RADIUS: 3.027

MEAN RADIUS: 1.349

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 5

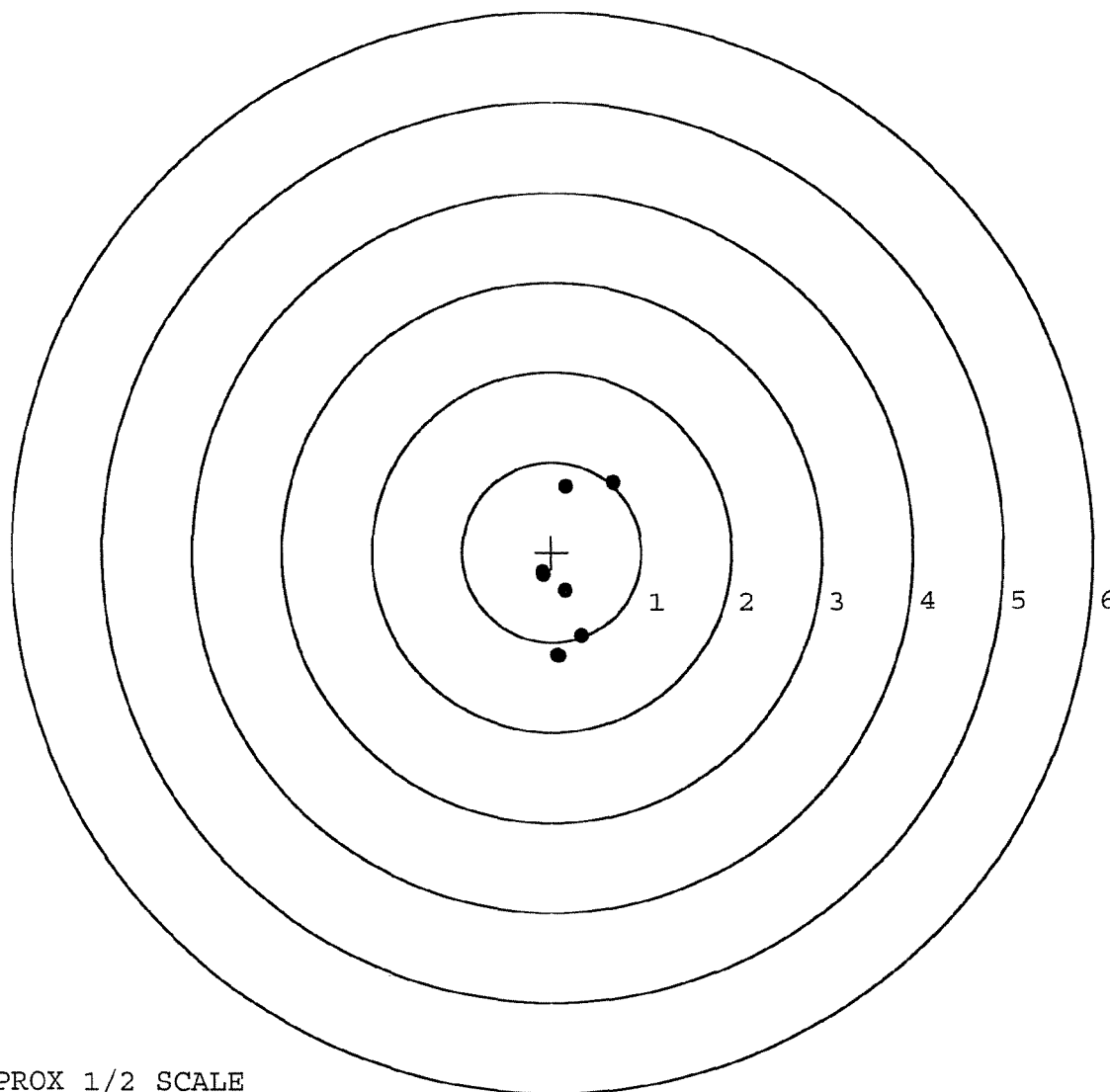


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. 0
TARGET NUMBER: 3
FILE DATE: 08/10/2005
FILE TIME: 08:57

X CENTROID: 0.150
Y CENTROID: -0.422
POA TO CENTROID: 0.448
HORZ SPREAD: 0.787
VERT SPREAD: 1.928
GROUP SPREAD: 2.020
MIN RADIUS: 0.007
MAX RADIUS: 1.310
MEAN RADIUS: 0.584
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.333	-0.938
2:	0.085	-1.154
3:	0.068	-1.150
4:	0.069	-1.150
5:	0.150	-0.429
6:	0.150	-0.429
7:	-0.095	-0.250
8:	-0.104	-0.224
9:	0.683	0.774
10:	0.156	0.728

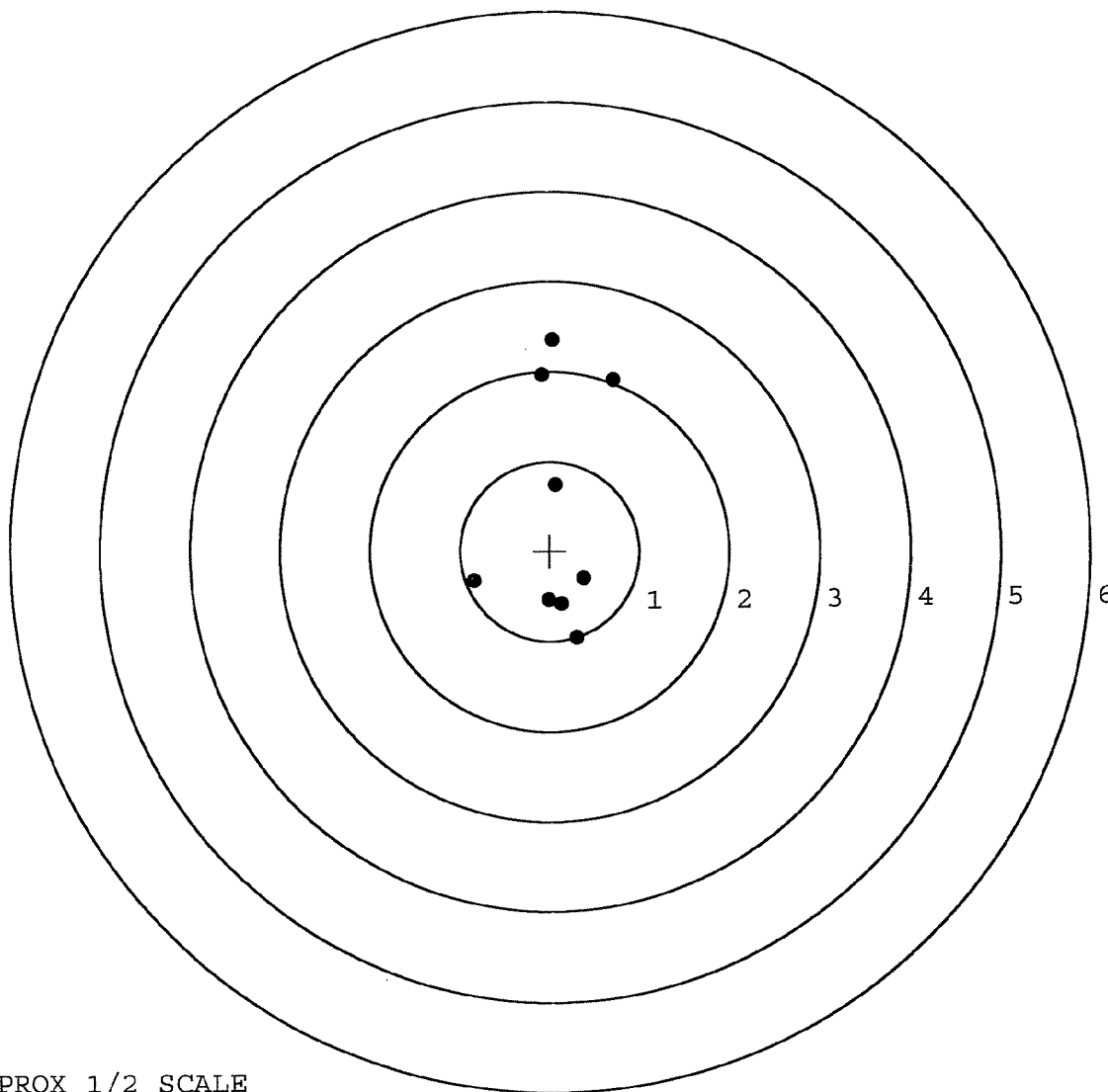


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. __0
TARGET NUMBER: 4
FILE DATE: 08/10/2005
FILE TIME: 08:57

POINT#	X	Y
1:	-0.850	-0.339
2:	0.374	-0.308
3:	-0.019	-0.549
4:	0.127	-0.597
5:	0.300	-0.969
6:	0.051	2.352
7:	-0.079	1.964
8:	0.722	1.903
9:	0.722	1.901
10:	0.067	0.741

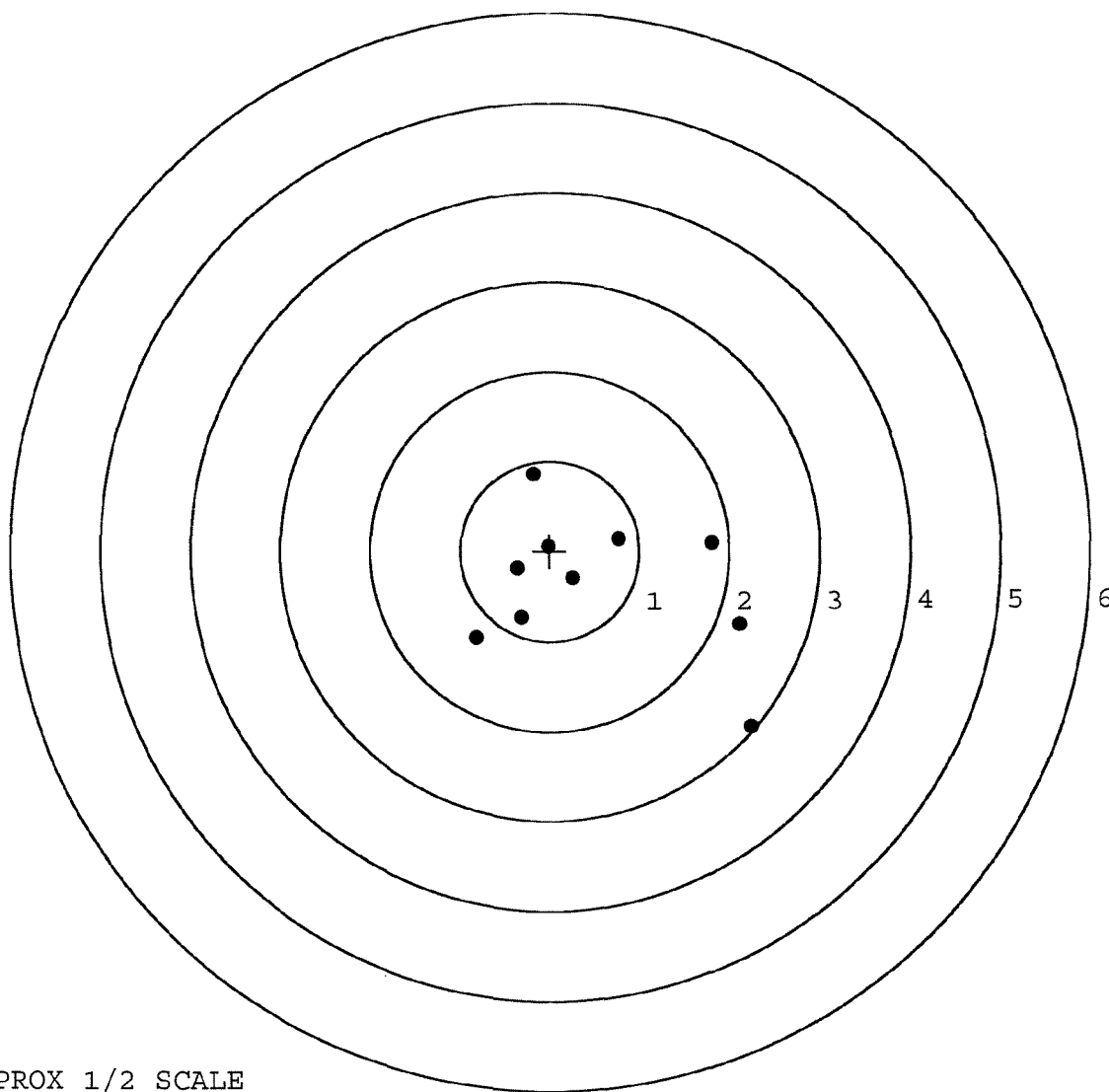
X CENTROID: 0.141
Y CENTROID: 0.610
POA TO CENTROID: 0.626
HORZ SPREAD: 1.572
VERT SPREAD: 3.321
GROUP SPREAD: 3.330
MIN RADIUS: 0.151
MAX RADIUS: 1.744
MEAN RADIUS: 1.238
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348887. 0
TARGET NUMBER: 5
FILE DATE: 08/10/2005
FILE TIME: 08:57

		POINT#	X	Y
X CENTROID:	0.547	1:	0.254	-0.302
Y CENTROID:	-0.382	2:	-0.828	-0.964
POA TO CENTROID:	0.667	3:	-0.322	-0.736
HORZ SPREAD:	3.063	4:	-0.362	-0.195
VERT SPREAD:	2.805	5:	-0.014	0.048
GROUP SPREAD:	3.703	6:	-0.183	0.859
MIN RADIUS:	0.304	7:	0.768	0.134
MAX RADIUS:	2.301	8:	1.811	0.099
MEAN RADIUS:	1.165	9:	2.112	-0.813
# IN 1 IN DIAMETER:	1	10:	2.235	-1.946
# IN 2 IN DIAMETER:	5			
# in 3 IN DIAMETER:	8			



TARGET APPROX 1/2 SCALE

R. & E NUMBER	92209		
SERIAL NUMBER	C6348887		
LOG-IN DATE	2-1-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-15-05	RTZ
560 A	RE-BARREL	6-20-05	RTZ
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTZ
600	PROOF	6-22-05	Ac
605	CHECK HEADSPACE	6-22-05	Ac
610	DIS-ASSEMBLE GUN	6-22-05	RTZ
612	MAGNAFLUX	6/23/05	WMS
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7-17-05	JS
620	APPLY COATINGS	7-18-05	W
625 A	FINAL ASSEMBLY	8-8-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-15-05	Ac
D	SAFETY "OFF" FORCE	8-15-05	Ac
E	FIRING PIN INDENT	8-15-05	Ac
640	TARGET	8-10-05	Ac
655	FINAL INSPECT	8-15-05	Ac
660	PACK	9-6-05	RA
		SHIP DATE	
QAR INSPECTION DATE			

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

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

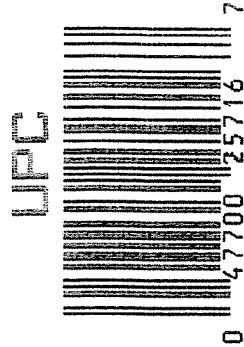
MODEL 700™ H24

SERIAL NO.
 C6348887

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 # C6348887

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 24	89	RW
600	Proof	8 24	89	RW
607	Check Headspace	8 24	89	RW
610	Dis-assemble Gun	8 24	89	RW
612	Magnaflux Barrel Action		8/25/89	KCR
	Magnaflux Bolt		8/25/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	8 28	89	LE
618	Polish Barrel RB	8 28	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		26 Sept 89	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/2/89	gN
	G) Safety Off Force	3	3	3			10/2/89	gN
	H) Trigger Pull Test & Retainability						26 Sept 89	gN
	I) Firing Pin Indent	.021	.021	.021			10/2/89	gN
	J) Assemble Stock						10/3/89	RW
	K) Assemble Swivel Studs						4 Oct 89	gN
	L) Attach Front and Rear Sight Assemblies						10/3/89	RW
	M) Iron Sight Alignment						10/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/3/89	RW
	O) Attach Scope to Rifle						10/3/89	gN
	P) Detach & Attach Scope 20 Times						10/3/89	gN
640	Gallery Target & Test						10-3-89	AC
	A) Time						10-3-89	AC
	B) Malfunctions						10-3-89	AC
	C) Pierced Primers						10-3-89	AC
	D) Optical Clarity of Scope						10-3-89	AC
645	Inspect for Live Ammo						10-3-89	AC
655	Final Inspection						4 Oct 89	gN
	A) Headspace						4 Oct 89	gN
	B) Trigger Pull	2.41	2.38	2.51	2.56	2.43	4 Oct 89	gN
	C) Function						4 Oct 89	gN
660	Pack						14 Dec 89	gN

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 6634 8887
DATE 12 MAR 90
TESTER QDS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	250	273		234	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	248	272		230	
PULL #3	248	275		245	
PULL #4	247	274		252	
PULL #5	244	281		262	
TOTAL	1237	1375			
AVG.	247.4	275			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	335	346		
PULL #2	329	331		
PULL #3	334	332		
PULL #4	333	333		
PULL #5	344	330		
TOTAL	1667	1672		
AVG.	333.4	334.4		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	417	440		
PULL #2	421	421		
PULL #3	420	423		
PULL #4	415	419		
PULL #5	428	421		
TOTAL	2101	2124		
AVG.	420.2	424.8		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348887
3 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.344431
1 TO	2	.358303
1 TO	3	.0733485
1 TO	4	.962007
1 TO	5	.655067

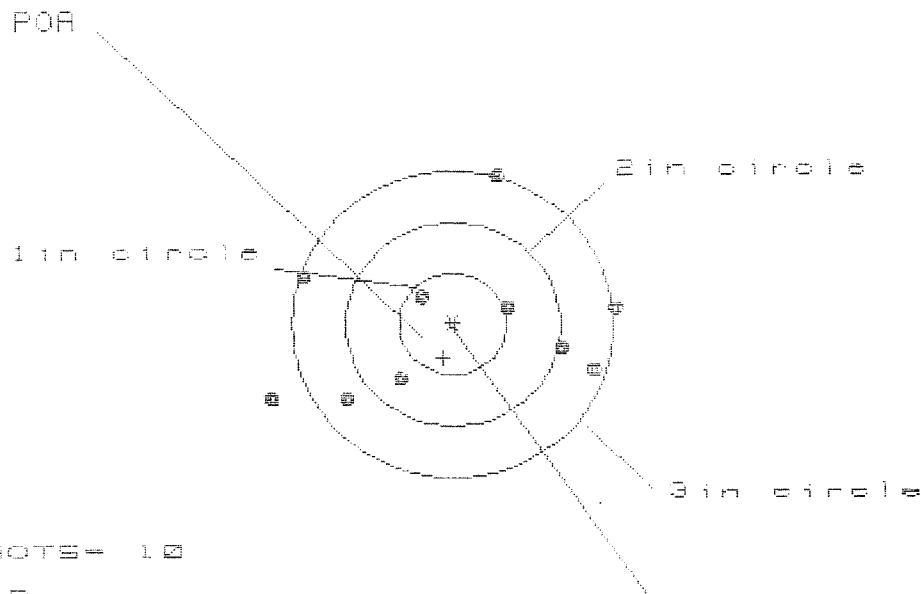
$\frac{29}{54}$ <----POB
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .047
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0472246
THE AMR FOR THIS RIFLE IS: 1.173

3 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340887

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 7

HS = 2.171

VS = 2.202

GS = 3.286

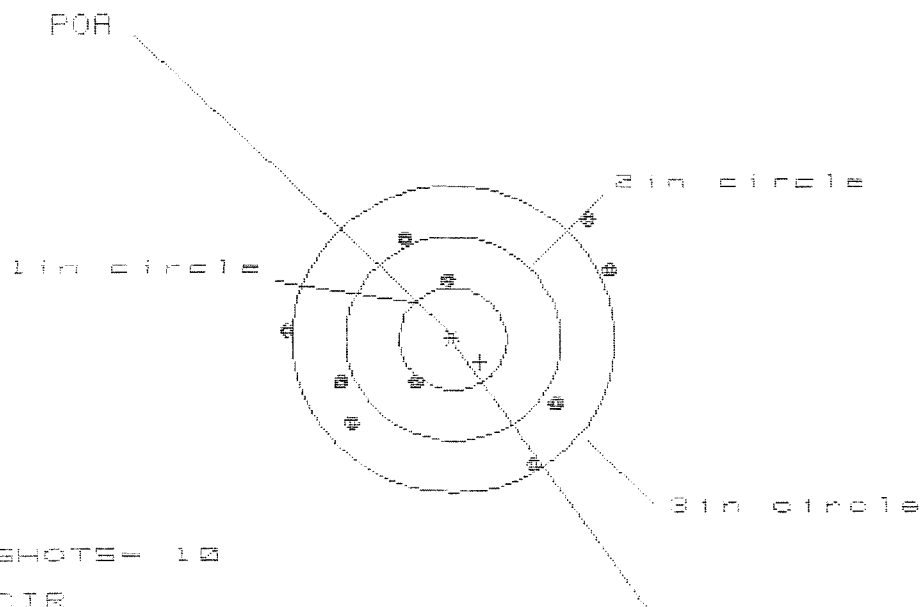
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.498	1.312	1.343
MINIMUM X	:	-1.673	-1.525	-1.494
MAXIMUM Y	:	1.513	1.436	.590
MINIMUM Y	:	-.689	-.766	-.586
CENTROID X	:	.088	.274	.243
CENTROID Y	:	.333	.410	.330
POA TO CENTROID in.	:	.345	.493	.335
MIN RADIUS	:	.419	.330	.423
MEAN RADIUS	:	1.156	1.067	1.010
MAX RADIUS	:	1.809	1.579	1.606
HORIZONTAL SPREAD	:	3.171	2.837	2.837
VERTICAL SPREAD	:	2.202	2.202	1.176
EXTREME SPREAD	:	3.286	2.854	2.854
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348887

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 7

HS= 3.004

VS= 2.389

GS= 3.066

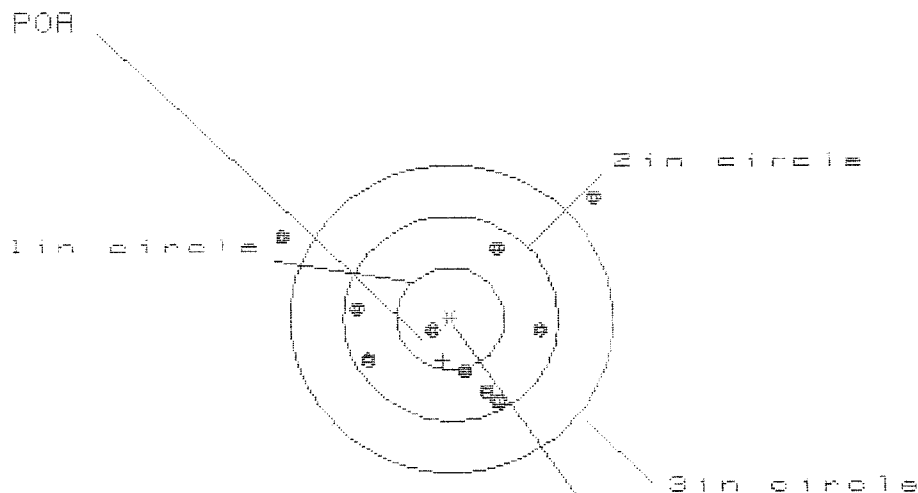
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.431	1.571	1.269
MINIMUM X	:	-1.573	-1.433	-1.236
MAXIMUM Y	:	1.186	1.134	1.235
MINIMUM Y	:	-1.203	-1.071	-0.970
CENTROID X	:	-0.253	-0.393	-0.590
CENTROID Y	:	.223	.091	-0.010
POR TO CENTROID in.	:	.338	.404	.590
MIN RADIUS	:	.531	.339	.155
MEAN RADIUS	:	1.200	1.112	.984
MAX RADIUS	:	1.731	1.767	1.482
HORIZONTAL SPREAD	:	3.004	3.004	2.505
VERTICAL SPREAD	:	2.389	2.205	2.205
EXTREME SPREAD	:	3.066	3.066	2.675
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Oct 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 8

HS= 2.8800

VS= 1.967

GS= 2.901

CENTROID #

PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.284	1.106	.825
MINIMUM X	-1.596	-1.069	-.930
MAXIMUM Y	1.146	1.234	.948
MINIMUM Y	-.821	-.733	-.579
CENTROID X	.074	.252	.113
CENTROID Y	.405	.317	.163
POA TO CENTROID in.	.412	.405	.198
MIN RADIUS	.210	.370	.285
MEAN RADIUS	.946	.835	.688
MAX RADIUS	1.783	1.657	1.032
HORIZONTAL SPREAD	2.880	2.175	1.755
VERTICAL SPREAD	1.967	1.967	1.527
EXTREME SPREAD	2.901	2.581	1.771
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		8	

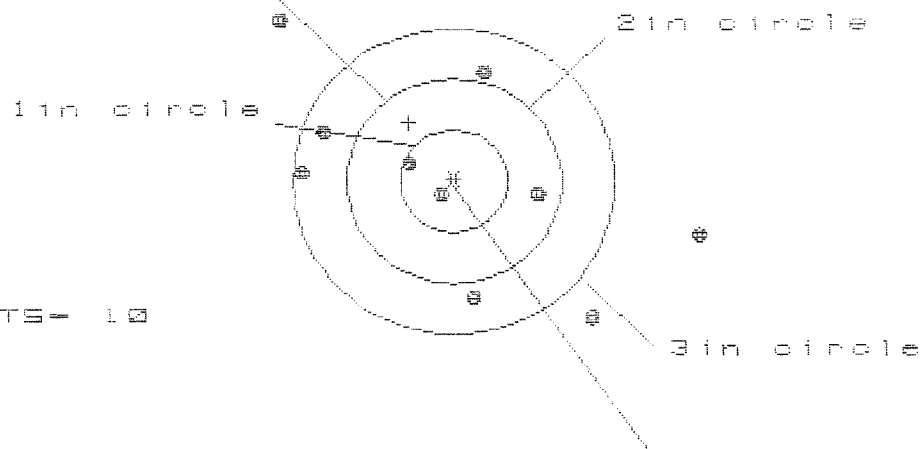
3 Oct 1989

FILE: \PATTERNING\CENTERFIRE_PATT\06346887

CENTERFIRE PATTERNS

4

POB



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 2.811

VS= 2.894

GS= 4.307

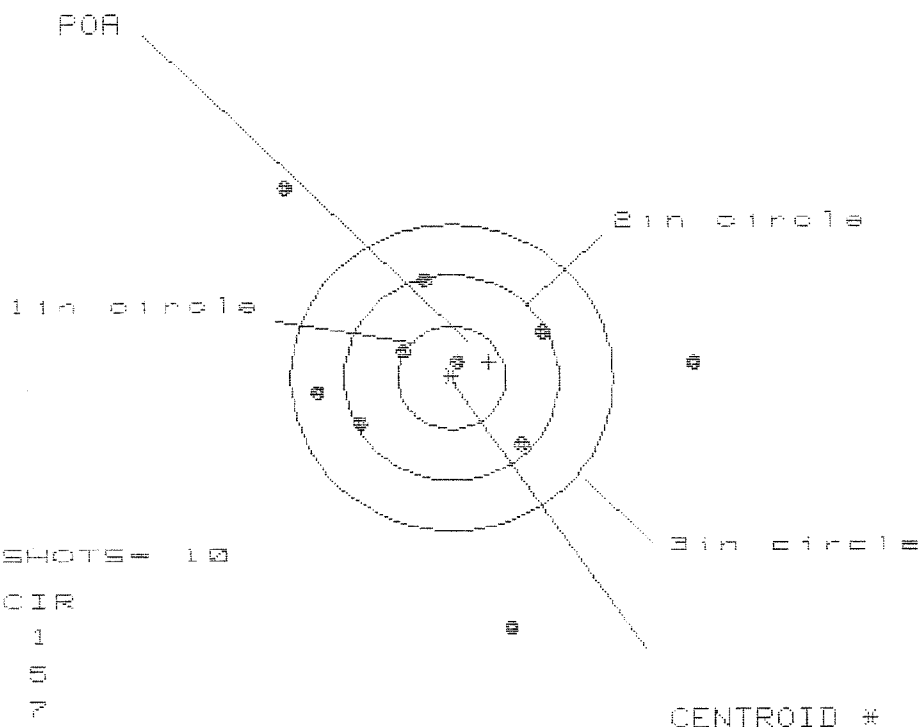
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.236	1.524	1.358
MINIMUM X	:	-1.575	-1.326	-1.351
MAXIMUM Y	:	1.522	1.469	1.169
MINIMUM Y	:	-1.372	-1.425	-1.242
CENTROID X	:	.417	.169	.335
CENTROID Y	:	-.571	-.518	-.701
POB TO CENTROID in.	:	.708	.544	.777
MIN RADIUS	:	.156	.234	.014
MEAN RADIUS	:	1.271	1.130	1.007
MAX RADIUS	:	2.288	2.087	1.840
HORIZONTAL SPREAD	:	3.811	2.850	2.709
VERTICAL SPREAD	:	2.894	2.894	2.411
EXTREME SPREAD	:	4.307	4.062	3.093
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Oct 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.722

VS = 4.254

GS = 4.742

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.204	2.268	2.086
MINIMUM X	-1.519	-1.455	-1.337
MAXIMUM Y	1.806	1.533	.833
MINIMUM Y	-2.449	-.939	-.747
CENTROID X	-.349	-.413	-.231
CENTROID Y	-.155	.118	-.074
POA TO CENTROID in.	.381	.429	.242
MIN RADIUS	.219	.160	.129
MEAN RADIUS	1.290	1.119	.996
MAX RADIUS	2.515	2.273	2.086
HORIZONTAL SPREAD	3.723	3.723	3.423
VERTICAL SPREAD	4.254	2.472	1.580
EXTREME SPREAD	4.742	4.089	3.433
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		