

CE349069

MODEL 700™ M24

Model **S&S**™

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: RE00131730

Serial: C6349069 Model M24 SWS Center Fire

Repairman:

Status:

Closed 7/25/2007 1:10:32 PM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: 0002 AR RGT 02 HHC INF BN BCT

0002 AR RGT 02 HHC INF BN BCT

Address 1: ROSE BARRACKS

ROSE BARRACKS

Address 2: SOUTH CAMP BLDG 728

PO Box:

SOUTH CAMP BLDG 728

PO Box:

City: MILSECK

MILSECK

State: DE

Zip Code: 92249

Country: US

State: DE

Zip Code: 92249

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
A017	Scope Base	2
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/25/2007

1:38 PM

CAPS

NUM

INS

SCRL

start

4 Mic...

4 Int...

2 Mic...

Part S...

Arms S...

SAP Lo...

1:38 PM

Serial Number: C6349069

Model: M24 SWS



RE00131730

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349069.__0
FILE DATE AND TIME: 08/22/2007 00:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.118
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.745
The Distance from POA to Centroid Target #1:	0.357
The Distance from Centroid Target #2 to Centroid Target #1:	0.425
The Distance from Centroid Target #3 to Centroid Target #1:	0.308
The Distance from Centroid Target #4 to Centroid Target #1:	0.334
The Distance from Centroid Target #5 to Centroid Target #1:	0.422

SERIAL NUMBER: C6349069. __0

TARGET NUMBER: 1

FILE DATE: 08/22/2007

FILE TIME: 00:04

POINT#	X	Y
1:	0.881	1.043
2:	0.914	0.166
3:	1.074	-0.592
4:	1.019	-0.847
5:	0.189	-0.875
6:	-0.737	-0.340
7:	-0.393	0.196
8:	-0.242	0.191
9:	-0.299	0.592
10:	0.649	2.304

X CENTROID: 0.305

Y CENTROID: 0.184

POA TO CENTROID: 0.357

HORZ SPREAD: 1.811

VERT SPREAD: 3.179

GROUP SPREAD: 3.212

MIN RADIUS: 0.548

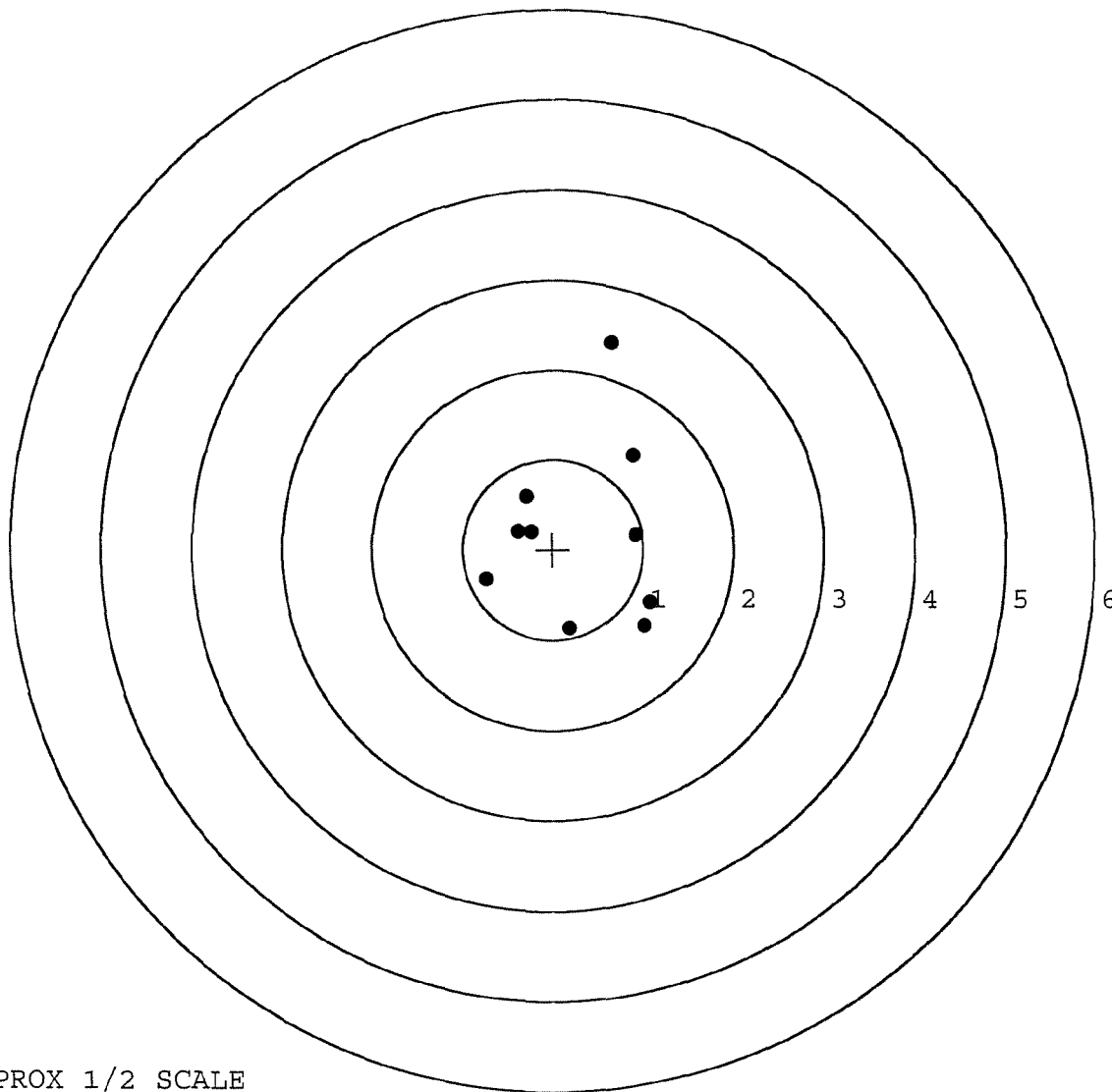
MAX RADIUS: 2.148

MEAN RADIUS: 1.034

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

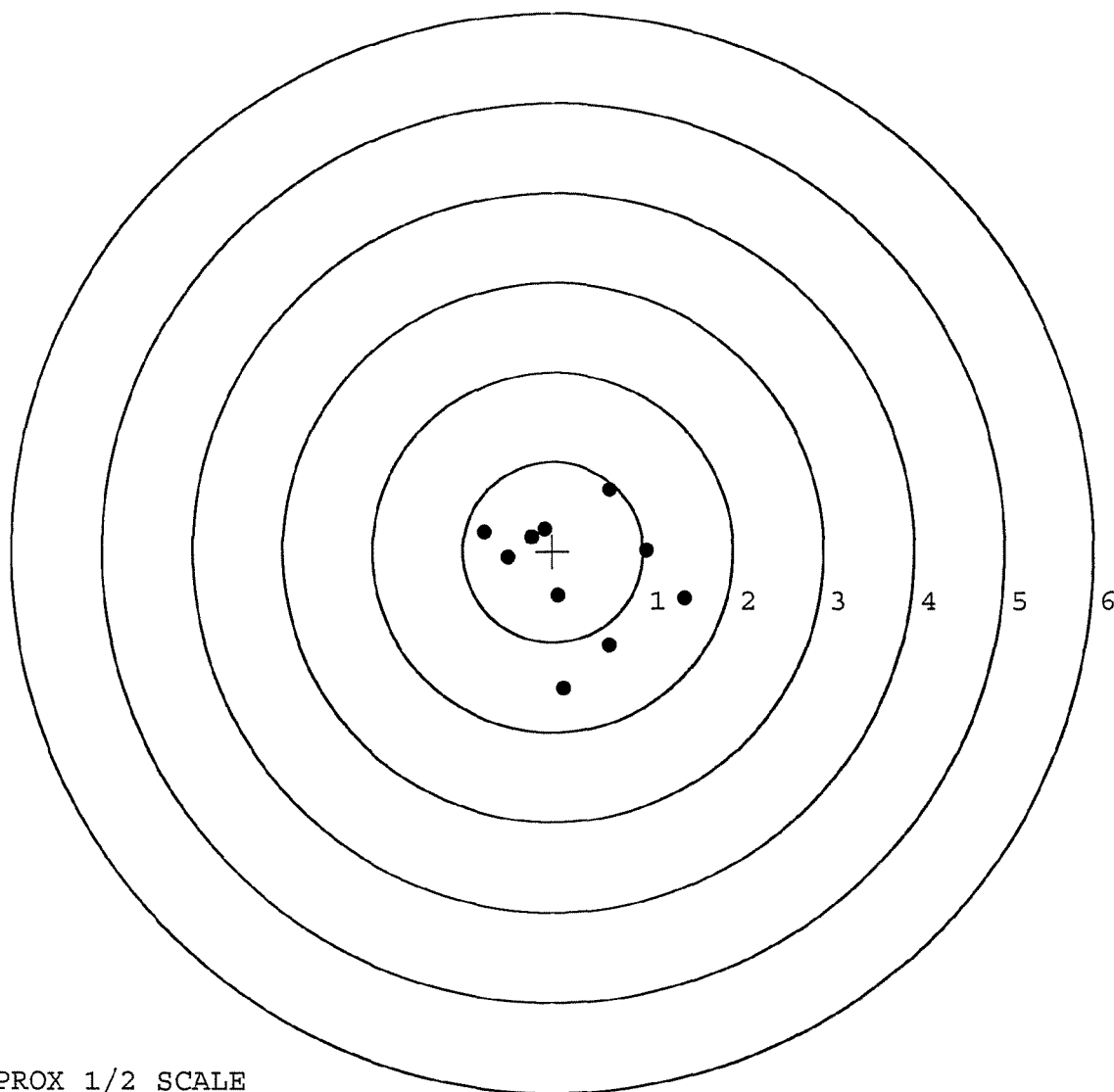


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0
TARGET NUMBER: 2
FILE DATE: 08/22/2007
FILE TIME: 00:04

POINT#	X	Y
1:	0.627	0.688
2:	1.041	0.011
3:	1.466	-0.530
4:	0.625	-1.038
5:	0.121	-1.523
6:	0.057	-0.500
7:	-0.097	0.242
8:	-0.240	0.155
9:	-0.497	-0.073
10:	-0.763	0.217

X CENTROID: 0.234
Y CENTROID: -0.235
POA TO CENTROID: 0.332
HORZ SPREAD: 2.229
VERT SPREAD: 2.211
GROUP SPREAD: 2.268
MIN RADIUS: 0.319
MAX RADIUS: 1.293
MEAN RADIUS: 0.866
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

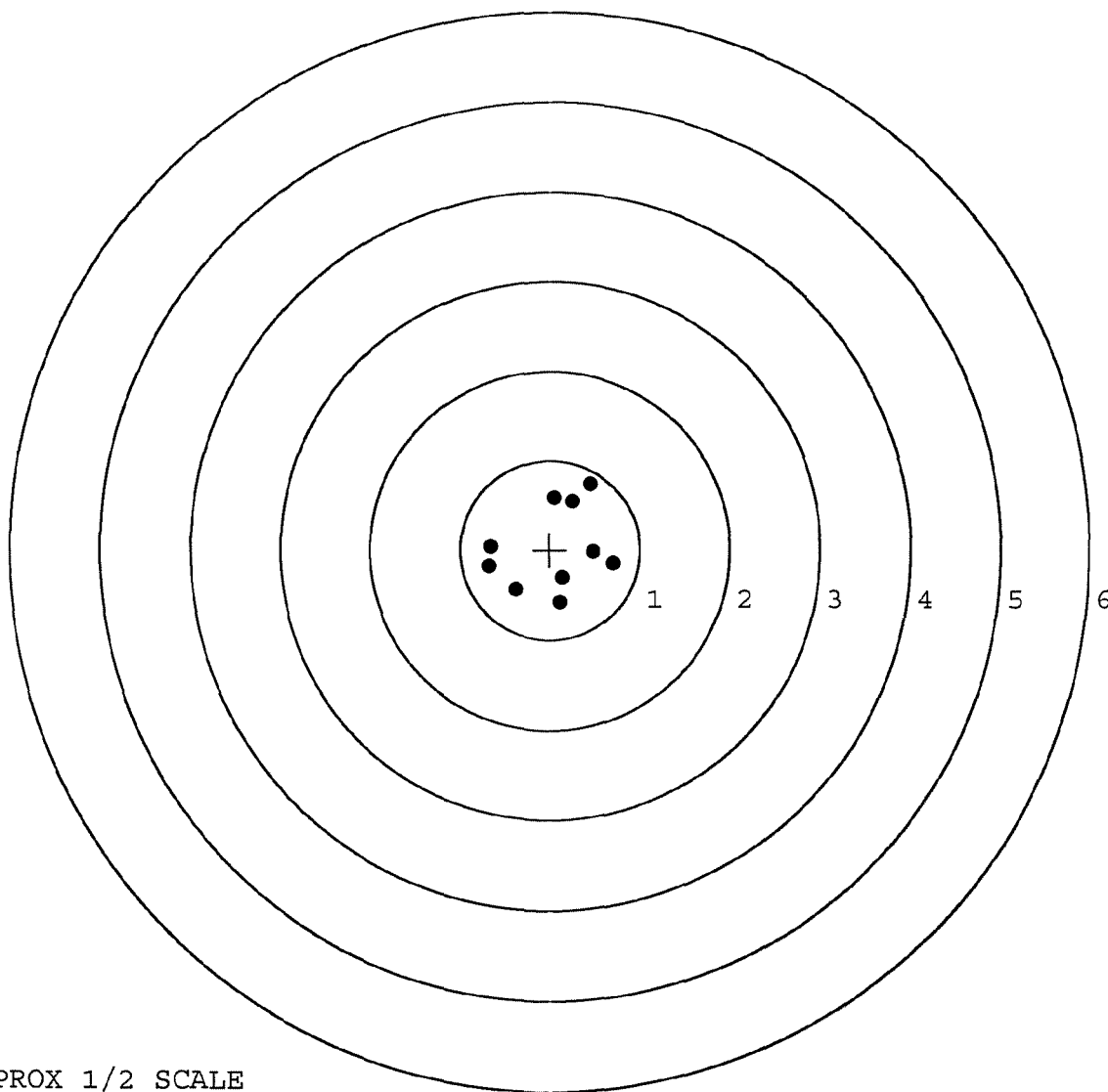


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0
TARGET NUMBER: 3
FILE DATE: 08/22/2007
FILE TIME: 00:04

POINT#	X	Y
1:	0.049	0.580
2:	0.252	0.546
3:	0.449	0.737
4:	0.482	-0.028
5:	0.705	-0.158
6:	0.138	-0.314
7:	0.111	-0.592
8:	-0.386	-0.453
9:	-0.674	-0.187
10:	-0.658	0.034

X CENTROID: 0.047
Y CENTROID: 0.017
POA TO CENTROID: 0.050
HORZ SPREAD: 1.379
VERT SPREAD: 1.329
GROUP SPREAD: 1.454
MIN RADIUS: 0.343
MAX RADIUS: 0.825
MEAN RADIUS: 0.612
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0

TARGET NUMBER: 4

FILE DATE: 08/22/2007

FILE TIME: 00:04

POINT#	X	Y
1:	-1.070	0.154
2:	-0.815	-0.032
3:	-0.640	-0.385
4:	-0.270	0.198
5:	0.033	0.454
6:	0.519	0.231
7:	0.621	-0.032
8:	0.493	-0.330
9:	0.304	-0.398
10:	0.988	0.301

X CENTROID: 0.016

Y CENTROID: 0.016

POA TO CENTROID: 0.023

HORZ SPREAD: 2.058

VERT SPREAD: 0.852

GROUP SPREAD: 2.063

MIN RADIUS: 0.339

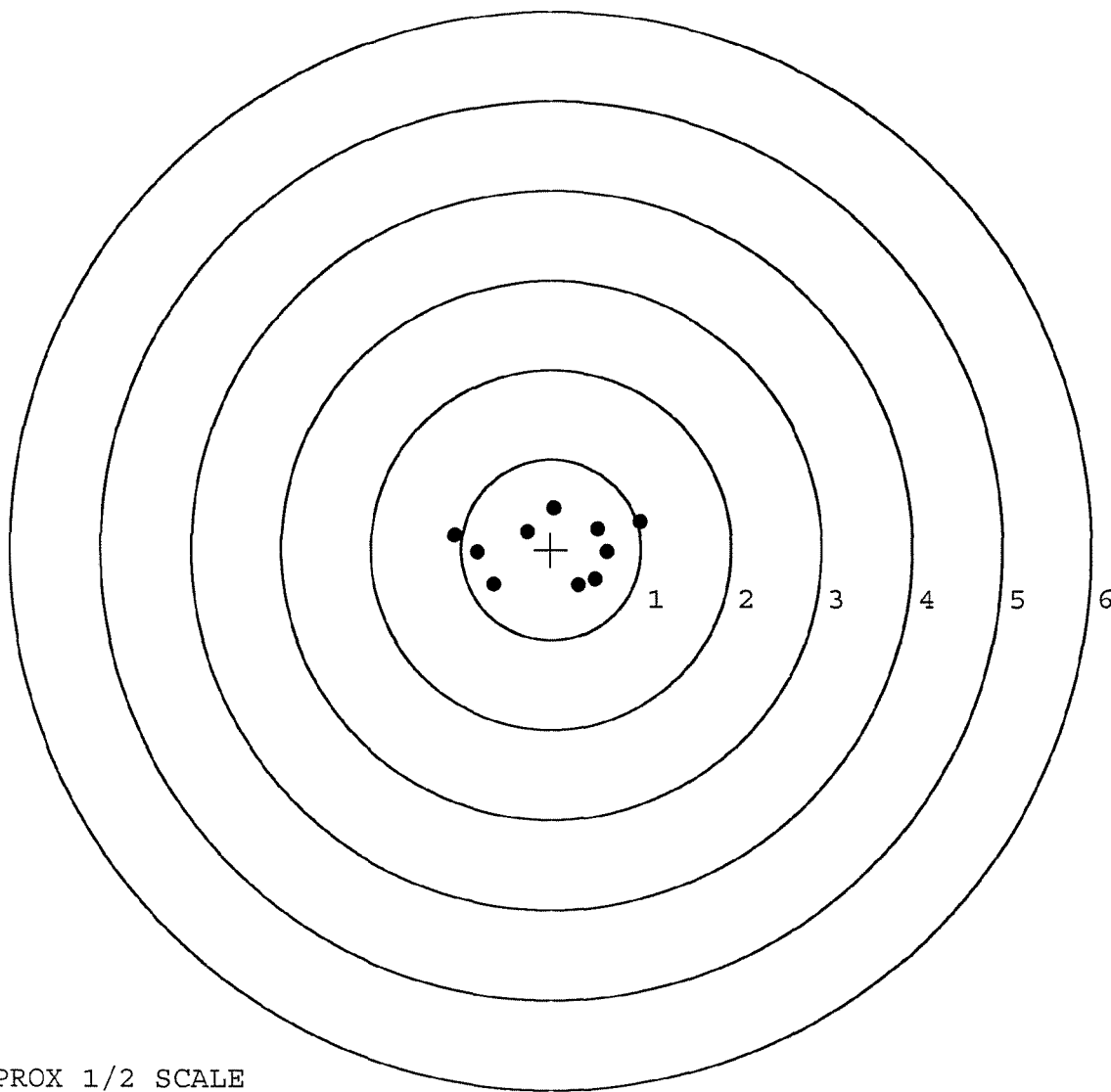
MAX RADIUS: 1.095

MEAN RADIUS: 0.673

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

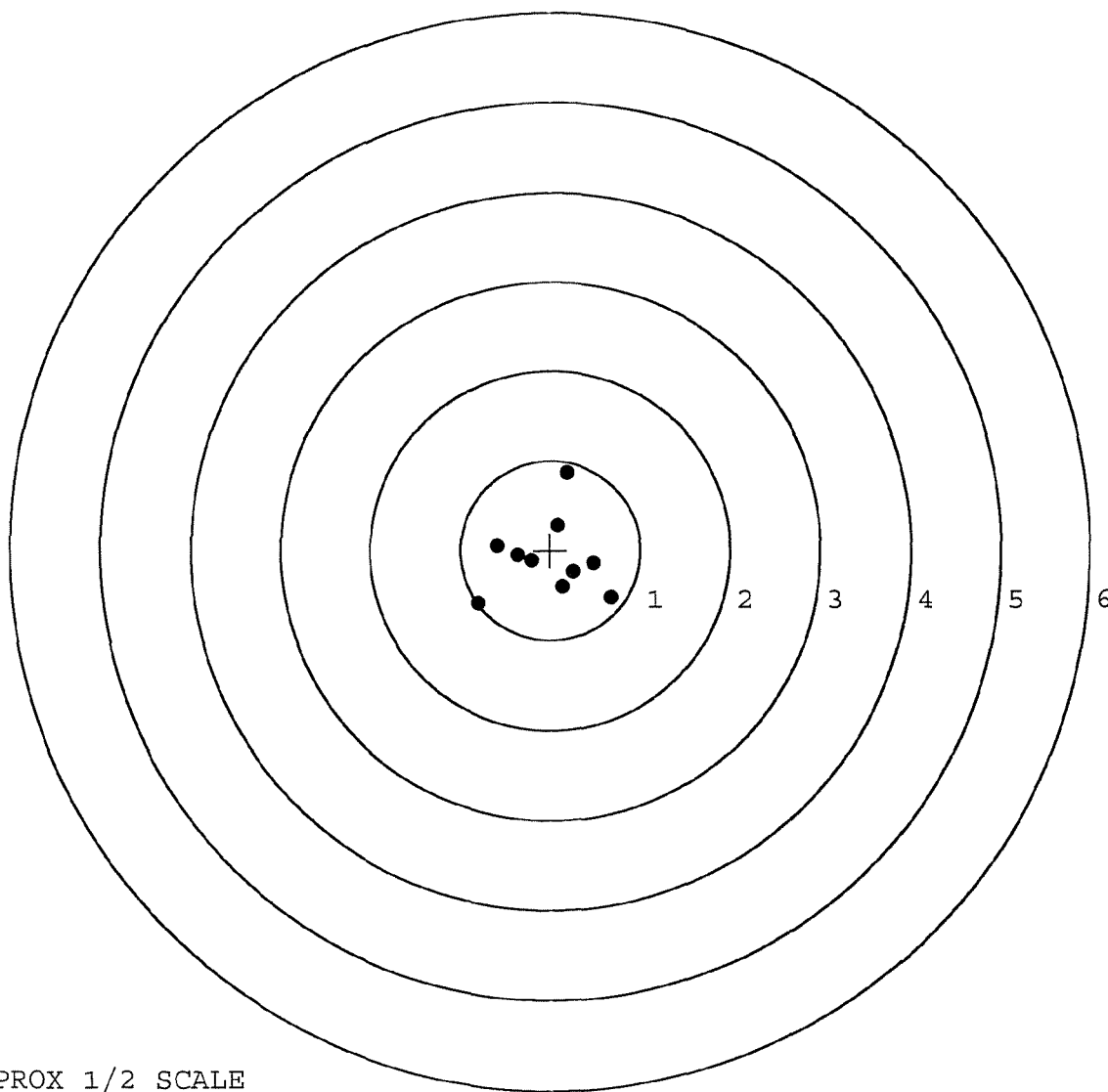


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0
TARGET NUMBER: 5
FILE DATE: 08/22/2007
FILE TIME: 00:04

X CENTROID: -0.015
Y CENTROID: -0.090
POA TO CENTROID: 0.092
HORZ SPREAD: 1.481
VERT SPREAD: 1.454
GROUP SPREAD: 1.764
MIN RADIUS: 0.195
MAX RADIUS: 0.974
MEAN RADIUS: 0.541
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.193	0.861
2:	-0.805	-0.593
3:	0.676	-0.532
4:	0.484	-0.146
5:	0.134	-0.407
6:	0.080	0.276
7:	-0.208	-0.120
8:	-0.366	-0.056
9:	-0.591	0.058
10:	0.254	-0.244



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 131730
SERIAL NUMBER 06349069
LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-8-07	RTZ
505	RE-BARREL	8-9-07	RTZ
560	ASSEMBLE	8-9-07	RTZ
600	PROOF	8-9-07	mm
605	CHECK HEADSPACE	8-9-07	mm
610	DIS-ASSEMBLE GUN	8-9-07	SD
612	MAGNAFLUX	8-14-07	DRS
510	DRILL AND TAP	8-10-07	TRW
615	ROLLMARK CALIBER	8-10-07	CW
618	ROTO-BLAST	8-14-07	LY
620	APPLY COATINGS	8/15/07	RS
625	FINAL ASSEMBLY	8-21-07	RTZ
640	FUNCTION TEST AND	8/21/07	mm
650	TARGET	8/21/07	mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-21-07	SD
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	2.72 2.76 2.43 2.70 2.72 8-22-07	DA
680	F) SAFETY ON FORCE	4.0 4.0 4.0 8-22-07	DA
	G) SAFETY OFF FORCE	2.0 2.0 2.0 8-22-07	DA
	I) FIRING PIN INDENT	.022 .021 .022 8-22-07	DA
690	PACK	8-22-07	DA

Repair Number: **RE00075217**
Verify Repair

Serial: C6349068 Model 700 Center Fire Caliber 7
62 NATO M24 SWS

Repairman:
Status: Closed 1/9/2004 10:55:12 AM

Address Information

Customer: ☒ Received From
Return To: ☐ Received From

Name: MATERIAL MOVEMENT SECTION

Address 1: BLDG 9630

Address 2: DR 40 PO Box:

City: FORT LEWIS

State: WA Zip Code: 98433 Country: US

Address 1: BLDG 9630

Address 2: DR 40 PO Box:

City: FORT LEWIS

State: WA Zip Code: 98433 Country: US

FFL:

Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone:

Fax:

Email:

Comments:

Fair

Condition Notes:

CSR Notes:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope w/case	1
X001	Deployment kit	1

Repair Search
Refresh
Close

nagleij 1/9/2004 11:22 AM CAPS NUM INS GCR

start 3 4 2

Serial Number: **C6349069**
Model: **700**

RE00075217

R & E NUMBER	075217		
SERIAL NUMBER	C6349069		
LOG-IN DATE	1-9-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-9-04	RW
560 A	RE-BARREL	1-12-04	RL
B	DRILL AND TAP	1-12-04	TRW
575	ASSEMBLE	1-12-04	RL
600	PROOF	1-12-04	RL
605	CHECK HEADSPACE	1-12-04	RL
610	DIS-ASSEMBLE GUN	1-12-04	RL
612	MAGNAFLUX	1-12-04	RL
615	ROLLMARK CALIBER	1-13-04	SB
618	ROTO-BLAST	1/13/2004	DonS
620	APPLY COATINGS	1-15	TA
625 A	FINAL ASSEMBLY	1-19-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-21-04	TC
655	FINAL INSPECT	1-30-04	RL
660	PACK	1-30-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349069.__0
FILE DATE AND TIME: 01/21/2004 08:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.108
The Average Y Centroid of the Five Target Set:	0.092
The Average Point of Impact of the Five Target Set:	0.142
The Average Mean Radius of the Five Target Set:	0.603
The Distance from POA to Centroid Target #1:	0.248
The Distance from Centroid Target #2 to Centroid Target #1:	0.369
The Distance from Centroid Target #3 to Centroid Target #1:	0.178
The Distance from Centroid Target #4 to Centroid Target #1:	0.199
The Distance from Centroid Target #5 to Centroid Target #1:	0.213

SERIAL NUMBER: C6349069. __0

TARGET NUMBER: 1

FILE DATE: 01/21/2004

FILE TIME: 08:56

X CENTROID: 0.161

Y CENTROID: 0.189

POA TO CENTROID: 0.248

HORZ SPREAD: 1.005

VERT SPREAD: 3.059

GROUP SPREAD: 3.064

MIN RADIUS: 0.212

MAX RADIUS: 1.672

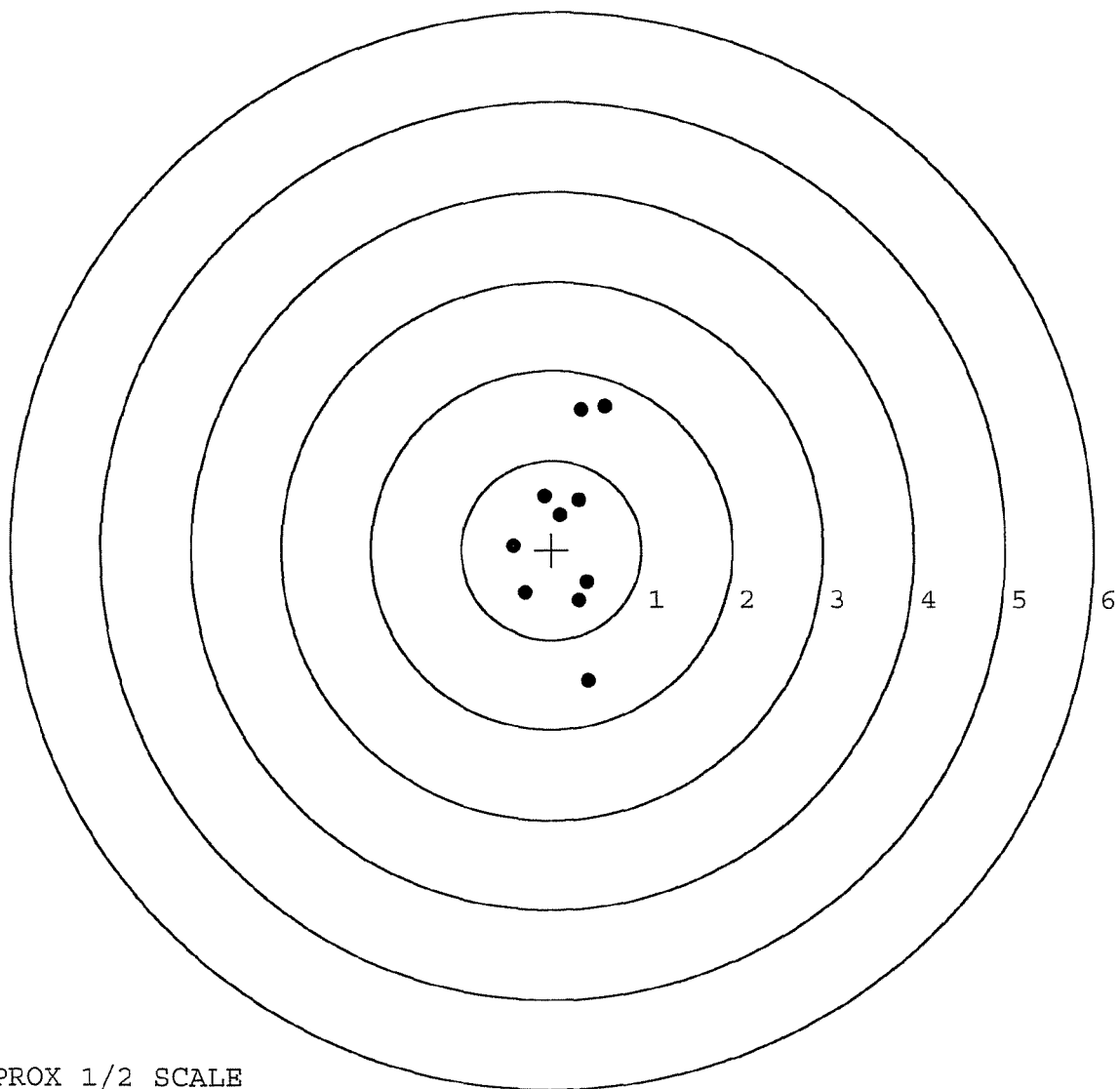
MEAN RADIUS: 0.837

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.388	-0.356
2:	0.309	-0.566
3:	0.408	-1.465
4:	-0.291	-0.477
5:	-0.423	0.045
6:	0.582	1.594
7:	0.321	1.562
8:	0.306	0.560
9:	0.093	0.389
10:	-0.080	0.601

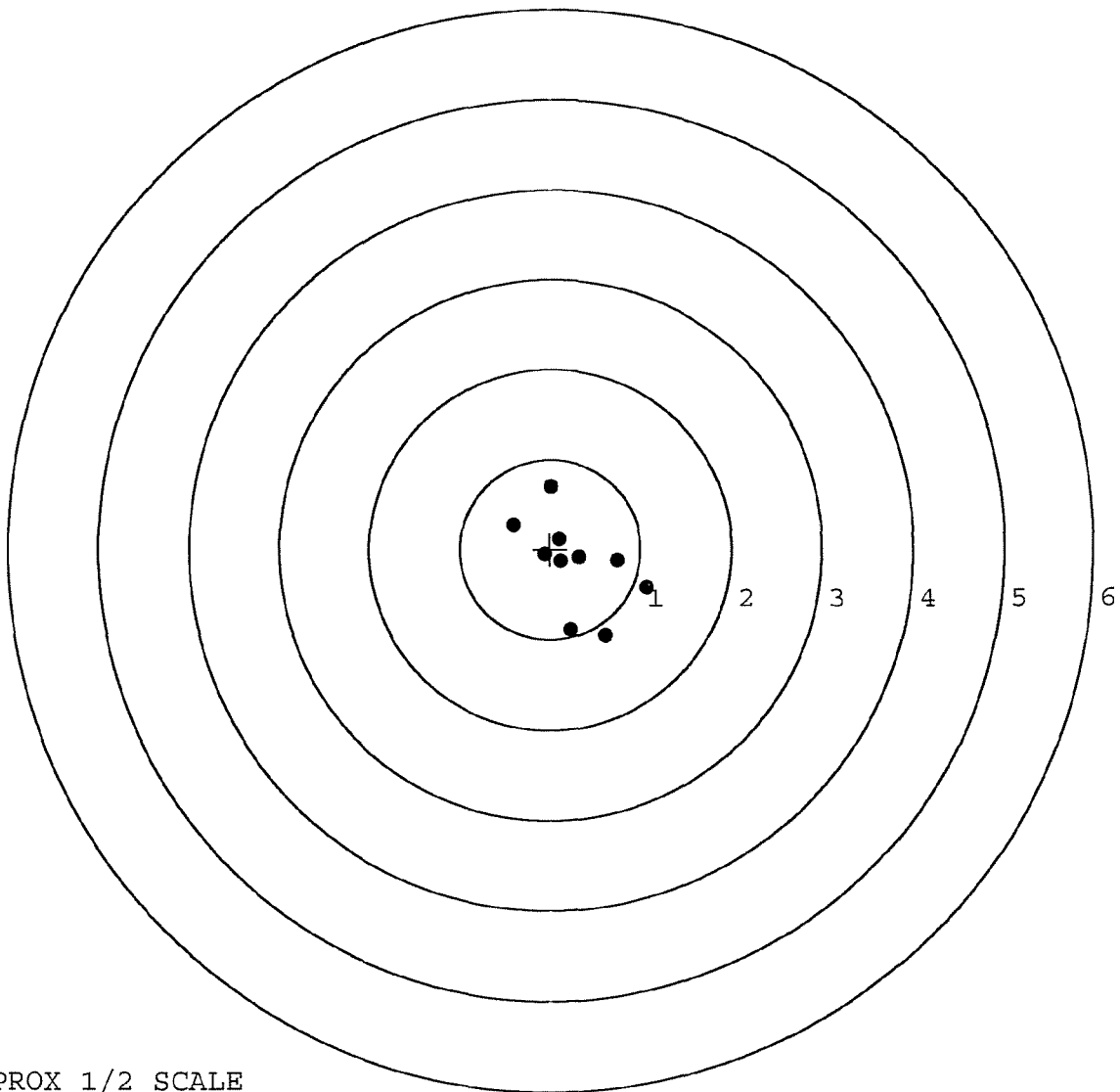


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0
TARGET NUMBER: 2
FILE DATE: 01/21/2004
FILE TIME: 08:56

X CENTROID: 0.273
Y CENTROID: -0.163
POA TO CENTROID: 0.318
HORZ SPREAD: 1.485
VERT SPREAD: 1.659
GROUP SPREAD: 1.765
MIN RADIUS: 0.088
MAX RADIUS: 0.897
MEAN RADIUS: 0.557
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.073	-0.437
2:	0.741	-0.127
3:	0.613	-0.964
4:	0.223	-0.906
5:	0.326	-0.093
6:	0.011	0.695
7:	-0.412	0.279
8:	-0.062	-0.055
9:	0.104	0.119
10:	0.115	-0.139



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0

TARGET NUMBER: 3

FILE DATE: 01/21/2004

FILE TIME: 08:56

POINT#	X	Y
1:	-0.093	1.163
2:	-0.035	1.074
3:	-0.442	-0.187
4:	0.021	-0.352
5:	0.413	-0.066
6:	0.280	0.324
7:	-0.099	0.412
8:	-0.121	0.182
9:	0.018	-0.045
10:	0.107	0.224

X CENTROID: 0.005

Y CENTROID: 0.273

POA TO CENTROID: 0.273

HORZ SPREAD: 0.855

VERT SPREAD: 1.515

GROUP SPREAD: 1.519

MIN RADIUS: 0.113

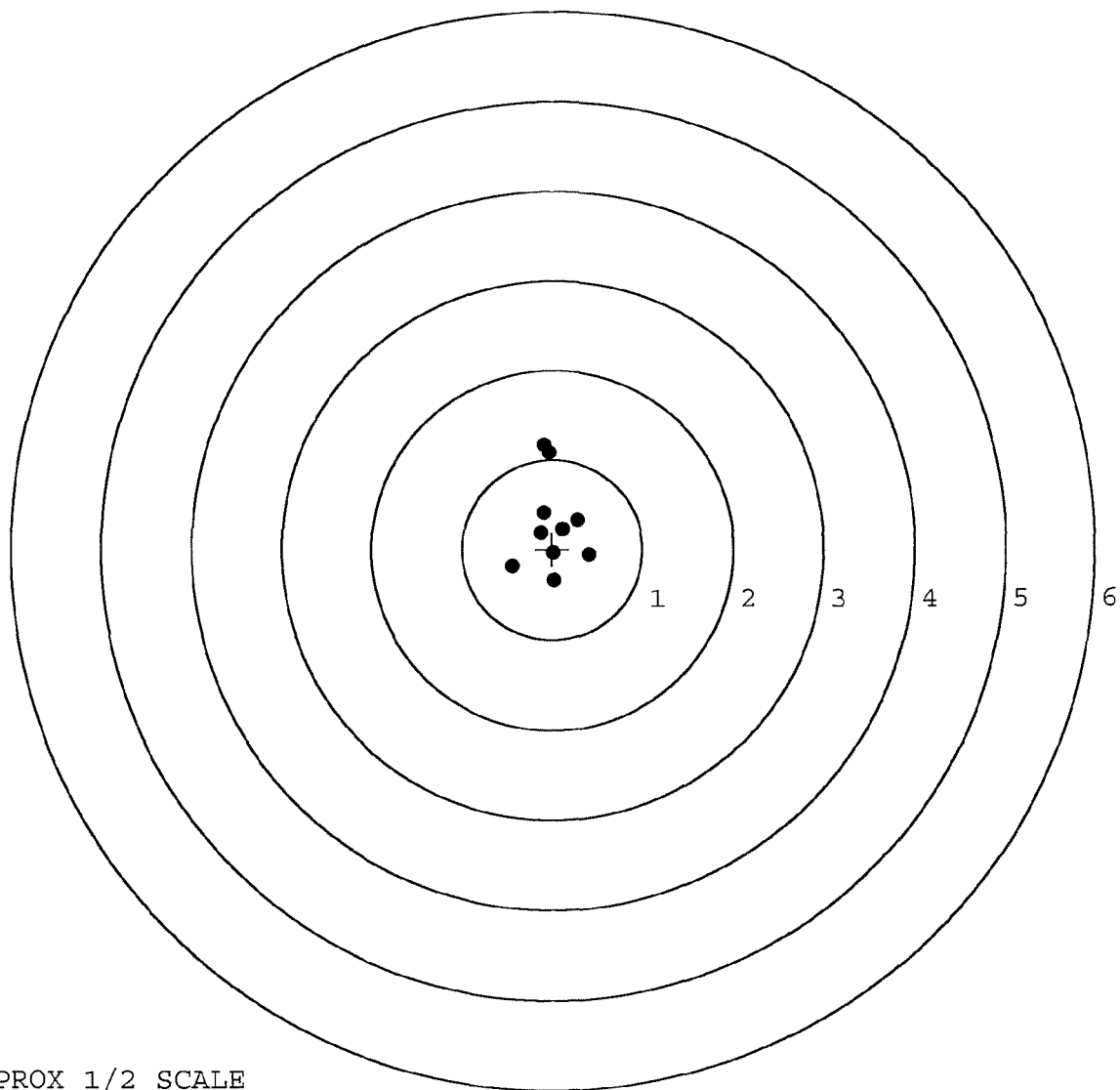
MAX RADIUS: 0.895

MEAN RADIUS: 0.453

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

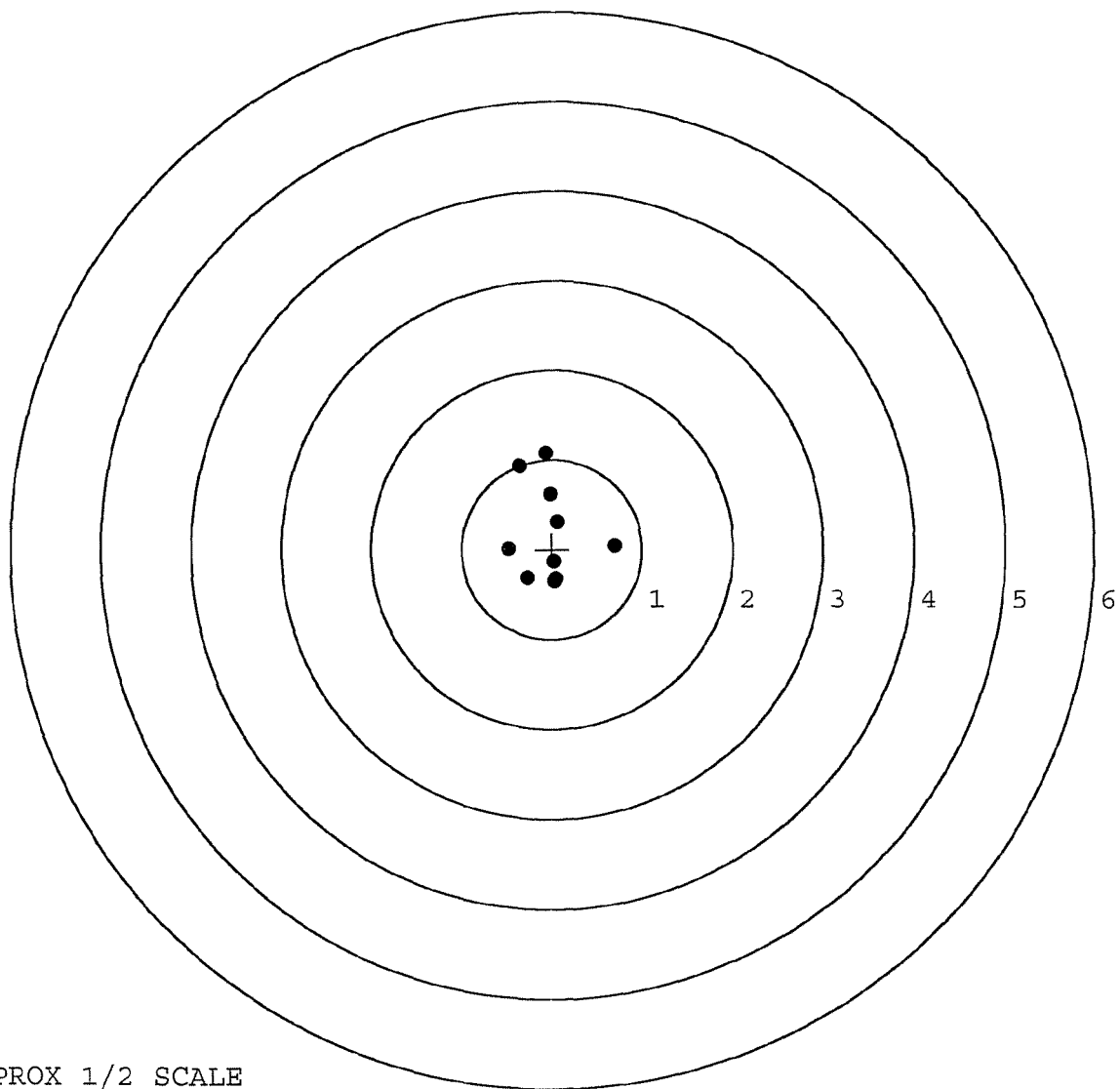


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0
TARGET NUMBER: 4
FILE DATE: 01/21/2004
FILE TIME: 08:56

X CENTROID: -0.038
Y CENTROID: 0.184
POA TO CENTROID: 0.188
HORZ SPREAD: 1.180
VERT SPREAD: 1.431
GROUP SPREAD: 1.435
MIN RADIUS: 0.156
MAX RADIUS: 0.889
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.078	1.072
2:	-0.371	0.931
3:	-0.025	0.617
4:	0.055	0.310
5:	0.698	0.043
6:	-0.482	0.013
7:	0.025	-0.139
8:	0.046	-0.328
9:	-0.274	-0.316
10:	0.031	-0.359



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069. __0

TARGET NUMBER: 5

FILE DATE: 01/21/2004

FILE TIME: 08:56

POINT#	X	Y
1:	1.441	-0.711
2:	0.521	-0.673
3:	-0.383	-0.431
4:	0.412	0.703
5:	-0.767	0.603
6:	0.029	0.491
7:	0.040	0.235
8:	-0.015	0.011
9:	0.073	-0.317
10:	0.041	-0.141

X CENTROID: 0.139

Y CENTROID: -0.023

POA TO CENTROID: 0.141

HORZ SPREAD: 2.208

VERT SPREAD: 1.414

GROUP SPREAD: 2.569

MIN RADIUS: 0.154

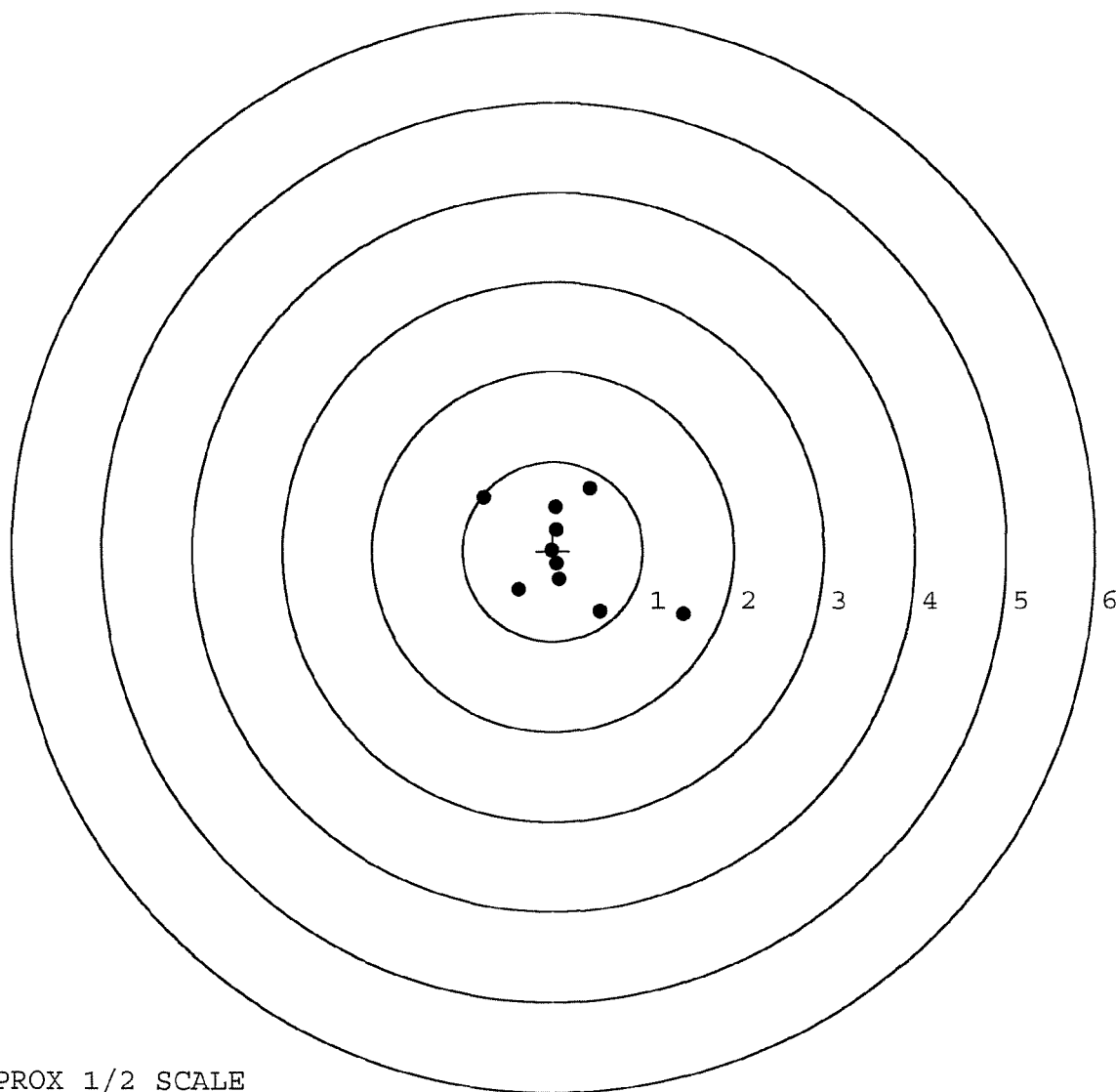
MAX RADIUS: 1.472

MEAN RADIUS: 0.618

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

500 clicks RT

ORDER
R 94-18164INITIAL
FDC CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE, M-24 SNIPER
ATTN: FRED MARTIN

Score 0155

DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6349069	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62	NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE						

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTONAL
36201-5025

CUST NO: 098397 C.D.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

✓ Barrel
✓ Stock
✓ Trigger Assy
✓ Firing pin Assy
✓ Mag Spring
✓ Front & Rear Sight Assy

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
-----------	-------	-------	------	--------	---------

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
----------------	------	------	------	------	------

4/20/96 4/20/96

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400107151

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349069
DATE 4-13-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.60	2.46	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.63	2.48	
PULL #3	2.31	2.37	2.70	
PULL #4	2.31	2.68	2.65	
PULL #5	2.40	2.52	2.67	
TOTAL	11.89	12.66	13.07	
AVG.	2.37	2.53	2.61	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.06	2.95	
PULL #2	3.02	3.01	
PULL #3	2.93	2.90	
PULL #4	3.06	2.96	
PULL #5	2.91	3.06	
TOTAL	14.98	14.88	
AVG.	2.99	2.97	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.04		4.15
PULL #2	4.07	4.07		4.15
PULL #3	4.14	4.01		4.17
PULL #4	4.09	4.09		4.17
PULL #5	4.125	4.11		4.15
TOTAL	20.53	20.32		20.79
AVG.	4.10	4.06		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349069
22 Feb 1980

CENTROIDAL DISTANCES

0 TO	1	.549288
1 TO	2	.0974166
1 TO	3	.335789
1 TO	4	.0831865
1 TO	5	.348106

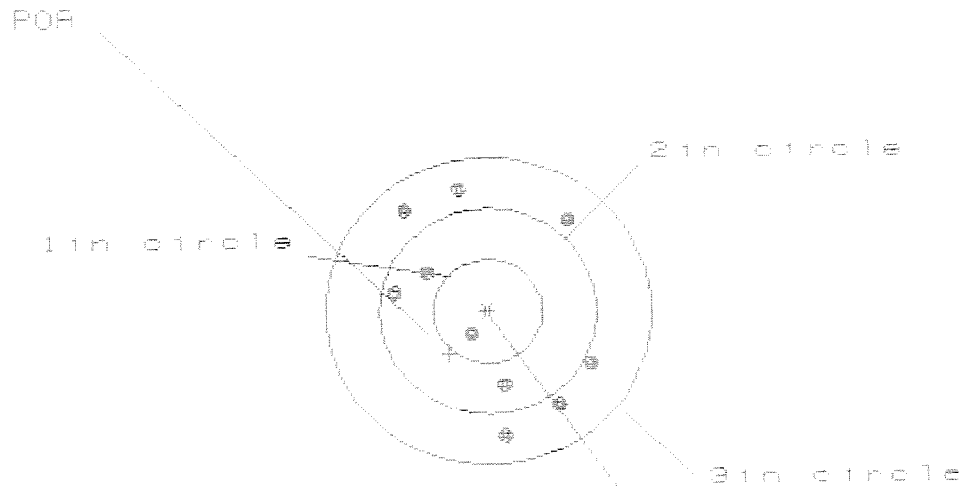
FB -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .35
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .129
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .459031
THE AMR FOR THIS RIFLE IS: .9732

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349089

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 1.854

VS= 2.412

GS= 2.450

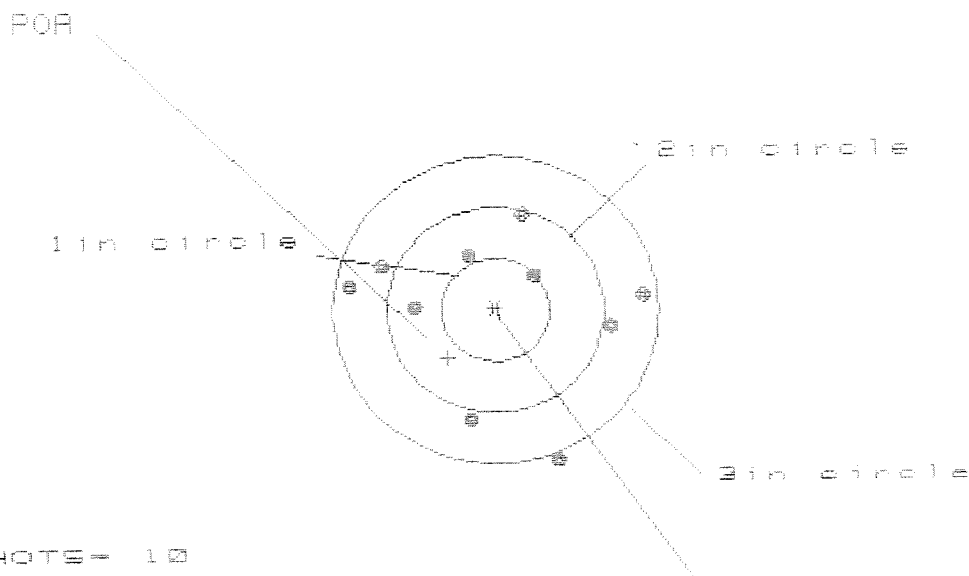
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.965	.377	.886
MINIMUM X	-.889	-.977	-.968
MAXIMUM Y	1.176	1.289	1.148
MINIMUM Y	-1.236	-1.123	-.979
CENTROID X	.361	.449	.440
CENTROID Y	.414	.381	.442
POA TO CENTROID in.	.549	.541	.623
MIN RADIUS	.261	.267	.335
MEAN RADIUS	.930	.935	.916
MAX RADIUS	1.289	1.336	1.198
HORIZONTAL SPREAD	1.854	1.954	1.954
VERTICAL SPREAD	2.412	2.412	2.126
EXTREME SPREAD	2.450	2.450	2.320
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 10		

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349089

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 2.764

VS= 2.408

GS= 2.766

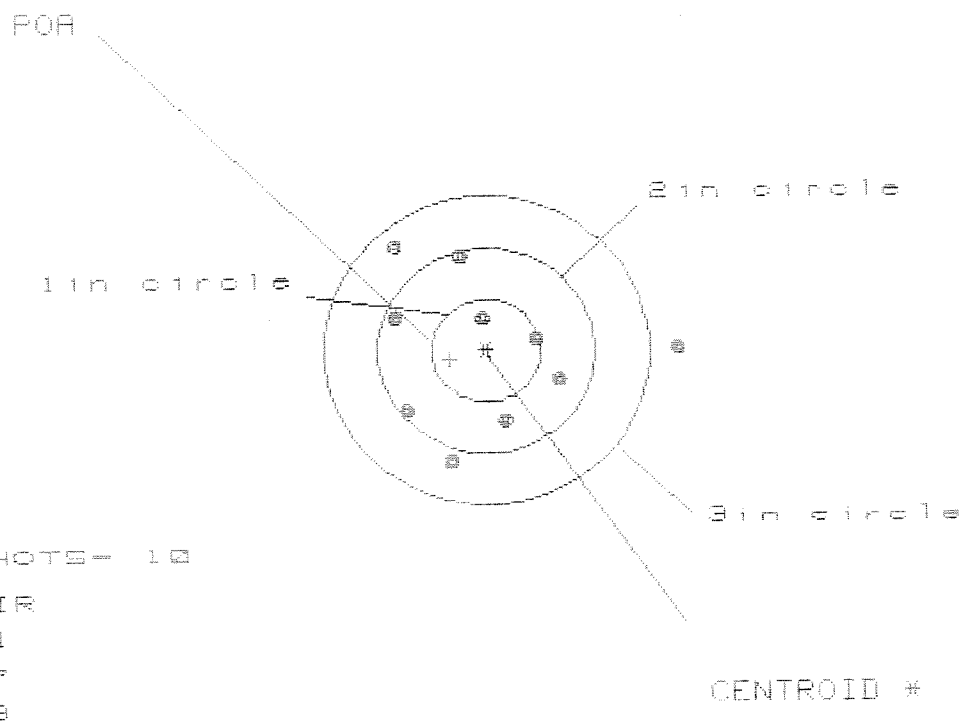
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.378	1.445	1.280
MINIMUM X	:	-1.386	-1.319	-1.105
MAXIMUM Y	:	.952	.790	.803
MINIMUM Y	:	-1.456	-1.254	-1.241
CENTROID X	:	.444	.377	.542
CENTROID Y	:	.465	.627	.614
POA TO CENTROID in.	:	.643	.732	.820
MIN RADIUS	:	.542	.397	.371
MEAN RADIUS	:	1.049	.958	.908
MAX RADIUS	:	1.576	1.445	1.295
HORIZONTAL SPREAD	:	2.764	2.764	2.385
VERTICAL SPREAD	:	2.408	2.044	2.044
EXTREME SPREAD	:	2.766	2.766	2.405
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

22 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349069

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.618

VS= 2.177

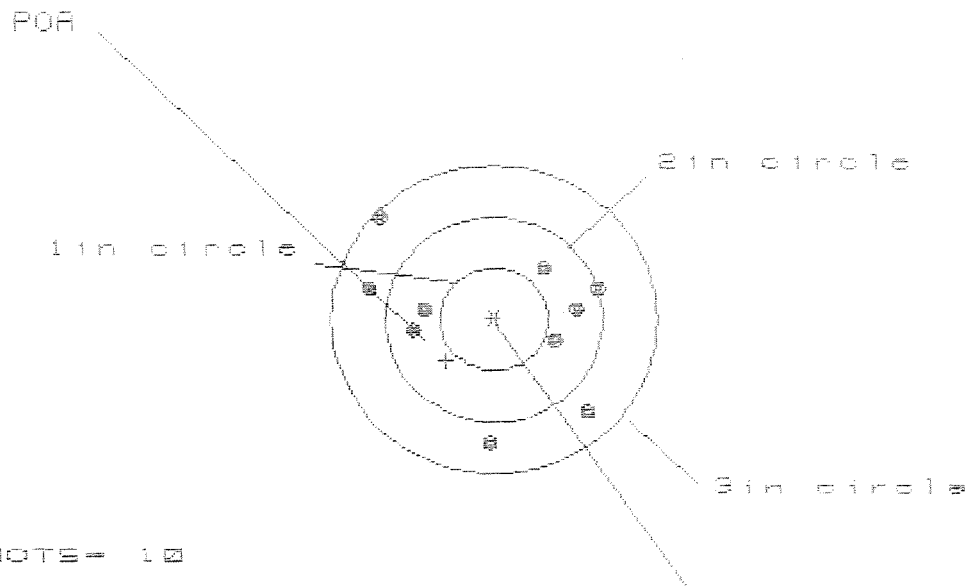
GS= 2.835

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.740	.862	.776
MINIMUM X	:	-.878	-.684	-.705
MAXIMUM Y	:	1.064	1.061	1.005
MINIMUM Y	:	-1.113	-1.116	-.983
CENTROID X	:	.338	.144	.230
CENTROID Y	:	.872	.882	.851
POA TO CENTROID in.	:	.347	.166	.235
MIN RADIUS	:	.274	.318	.411
MEAN RADIUS	:	.923	.830	.756
MAX RADIUS	:	1.741	1.263	1.020
HORIZONTAL SPREAD	:	2.618	1.546	1.481
VERTICAL SPREAD	:	2.177	2.177	1.988
EXTREME SPREAD	:	2.835	2.233	1.991
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349069

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.067

VS= 2.266

GS= 2.717

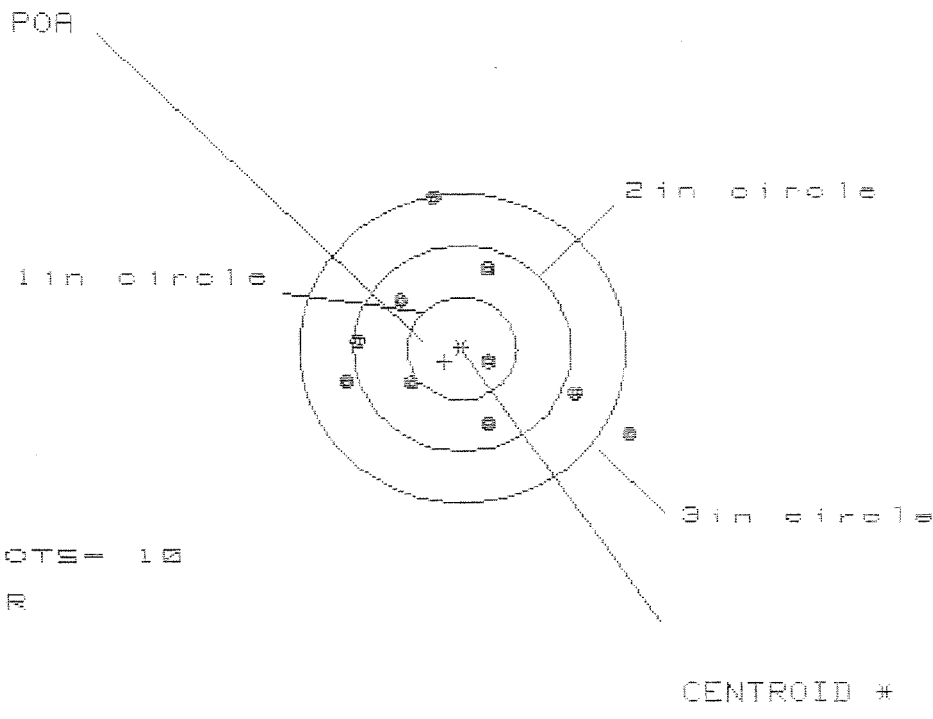
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	8	
MAXIMUM X	.957	1.144	.942
MINIMUM X	-1.109	-1.223	-1.125
MAXIMUM Y	1.041	.593	.498
MINIMUM Y	-1.225	-1.110	-1.205
CENTROID X	.443	.557	.459
CENTROID Y	.400	.285	.380
POA TO CENTROID in.	.597	.626	.596
MIN RADIUS	.572	.431	.550
MEAN RADIUS	.949	.877	.846
MAX RADIUS	1.462	1.288	1.208
HORIZONTAL SPREAD	2.067	2.067	2.067
VERTICAL SPREAD	2.266	1.783	1.783
EXTREME SPREAD	2.717	2.321	2.067
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349069

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.608

VS= 2.285

GS= 2.838

PATTERN #	:	5		
SHOTS (BEST OF)	:	10		8
MAXIMUM X	:	1.5	1.17	1.175
MINIMUM X	:	-1.04	-.875	-.889
MAXIMUM Y	:	1.485	1.396	.879
MINIMUM Y	:	-.800	-.854	-.679
CENTROID X	:	.164	-.009	.005
CENTROID Y	:	.127	.216	.041
POA TO CENTROID in.	:	.207	.216	.041
MIN RADIUS	:	.332	.509	.437
MEAN RADIUS	:	.965	.860	.776
MAX RADIUS	:	1.753	1.401	1.218
HORIZONTAL SPREAD	:	2.608	2.064	2.064
VERTICAL SPREAD	:	2.285	2.250	1.558
EXTREME SPREAD	:	2.939	2.312	2.065
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349069

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/7/96	WB
	G) Safety Off Force	3	3	3			5/7/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.022	.0225			5/7/96	WB
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.76	2.76	2.76	2.82	2.84	5/7/96	WB
	C) Function							
660	Pack							

Remington[®]

MODEL 700[™] H24

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

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

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

SERIAL NO.
C6349069

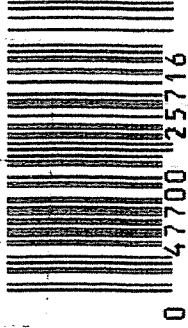
ORDER NO.
5716

Ø1



5716 C6349069

LPC



0 47700 25716 7

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349069

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1 30 90	RW
600	Proof		1 30 90	A
607	Check Headspace		1 30 90	A
610	Dis-assemble Gun		1 30 90	RW
612	Magnaflux Barrel Action		2-5-90	KER
	Magnaflux Bolt		2-5-90	
615	Rollmark Caliber		7/5/90	GS
617	Drill and Tap Sight Holes		7/5/90	FB
618	Polish Barrel <i>RB</i>		7/5/90	WB
620	Apply Coatings (Barrel Action)		2-17-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly		7/19/90	WB
	A) Clean inside of Bolt Assembly		7/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/19/90	WB
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/18/90	MJ

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/19/90	JH
	G) Safety Off Force	3	3	3			4/19/90	JH
	H) Trigger Pull Test & Retainability						4/18/90	JH
	I) Firing Pin Indent	.0205	.0215	.0215			4/19/90	JH
	J) Assemble Stock						4/19/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/19/90	RW
	M) Iron Sight Alignment						4/19/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/19/90	RW
	O) Attach Scope to Rifle						4/20/90	RW
	P) Detach & Attach Scope 20 Times						4/20/90	RW
640	Gallery Target & Test						4-23-90	DH
	A) Time						4-23-90	DH
	B) Malfunctions						4-23-90	DH
	C) Pierced Primers						4-23-90	DH
	D) Optical Clarity of Scope						4-23-90	DH
645	Inspect for Live Ammo						4-23-90	DH
655	Final Inspection						4/26/90	WB
	A) Headspace							
	B) Trigger Pull	2.37	2.30	2.40	2.35	2.42	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6-20-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06349069

DATE 4/18/80

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.55	2.28	2.37	MIN. SETTING,
PULL #2	2.32	2.50	2.28	2.30	NO AVG. OF 5
PULL #3	2.44	2.58	2.13	2.40	READINGS ACCEPT-
PULL #4	2.46	2.50	2.12	2.35	ABLE LESS THAN 2#
PULL #5	2.45	2.36	2.15	2.42	
TOTAL	12.09	12.49	10.96		
AVG.	2.418	2.498	2.192		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.22		
PULL #2	3.27	3.33		
PULL #3	3.41	3.36		
PULL #4	3.43	3.40		
PULL #5	3.39	3.33		
TOTAL	17.10	16.64		
AVG.	3.42	3.328		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.36		4.32
PULL #2	4.11	4.33		4.29
PULL #3	4.43	4.42		4.31
PULL #4	4.41	4.41		4.32
PULL #5	4.37	4.28		4.17
TOTAL	21.81	21.80		21.41
AVG.	4.362	4.36		4.282

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349069
23 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.274527
1 TO	2	.152611
1 TO	3	.157166
1 TO	4	.69235
1 TO	5	.094578

3 4 <----POA

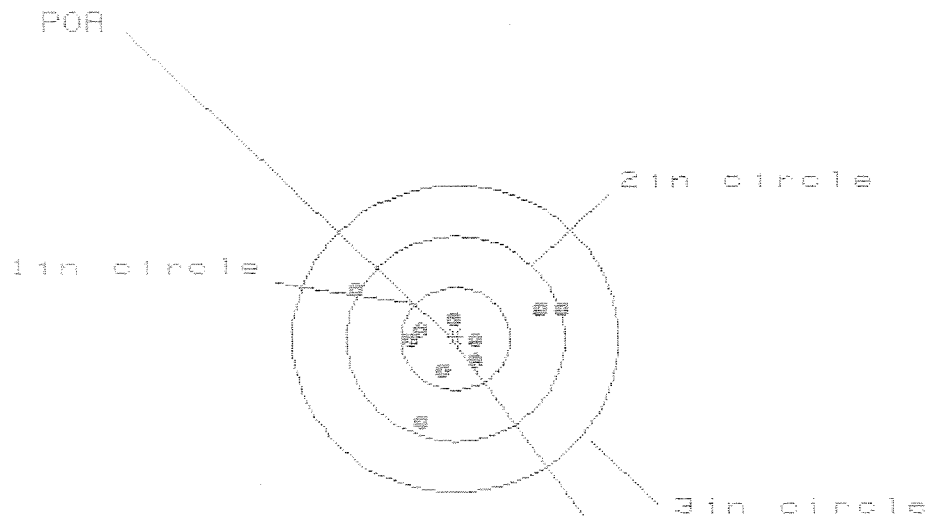
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1332
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1488
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .199709

THE AMR FOR THIS RIFLE IS: .812

23 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349063

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 6

2in = 9

3in = 10

HS= 1.851

VS= 1.252

GS= 1.858

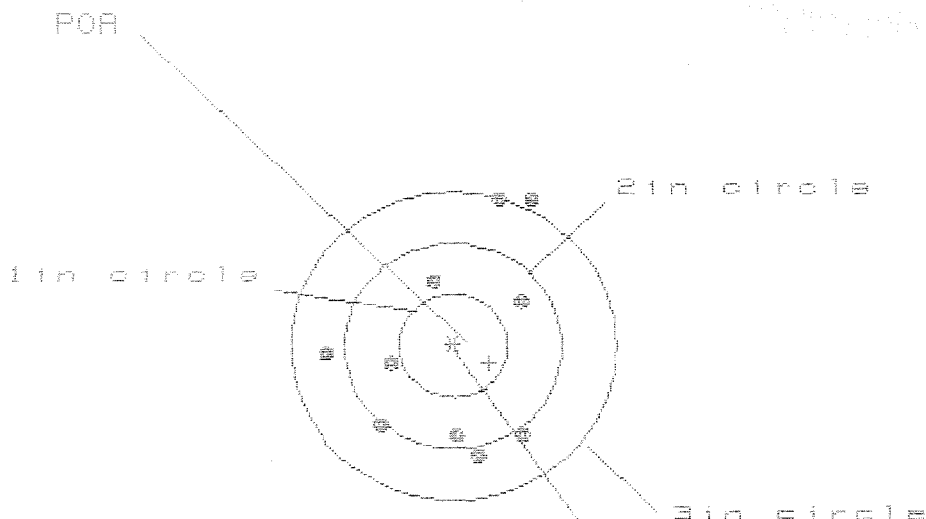
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.944	.843	.793
MINIMUM X	-.907	-.541	-.435
MAXIMUM Y	.448	.355	.398
MINIMUM Y	-.804	-.754	-.711
CENTROID X	-.178	-.077	-.183
CENTROID Y	.209	.159	.116
POA TO CENTROID in.	.274	.177	.217
MIN RADIUS	.202	.093	.201
MEAN RADIUS	.553	.496	.436
MAX RADIUS	1.012	.909	.867
HORIZONTAL SPREAD	1.851	1.384	1.228
VERTICAL SPREAD	1.252	1.109	1.109
EXTREME SPREAD	1.858	1.661	1.558
NUMBER IN ONE INCH CIRCLE	= 6		
NUMBER IN TWO INCH CIRCLE	= 9		
NUMBER IN THREE INCH CIRCLE	= 10		

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349089

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 1.875

VS= 2.528

GS= 2.564

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.699	.733	.792
MINIMUM X	:	-1.177	-1.099	-1.040
MAXIMUM Y	:	1.435	1.590	.968
MINIMUM Y	:	-1.093	-.938	-.739
CENTROID X	:	-.325	-.403	-.462
CENTROID Y	:	.168	.013	-.196
POR TO CENTROID in.	:	.366	.403	.498
MIN RADIUS	:	.631	.532	.506
MEAN RADIUS	:	1.030	.947	.824
MAX RADIUS	:	1.562	1.659	1.090
HORIZONTAL SPREAD	:	1.876	1.832	1.832
VERTICAL SPREAD	:	2.528	2.528	1.707
EXTREME SPREAD	:	2.564	2.533	2.020
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349089

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.440

VS= 2.038

GS= 2.514

CENTROID *

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.375

.389

.354

MINIMUM X

-1.065

-.912

-.947

MAXIMUM Y

1.000

1.046

.923

MINIMUM Y

-1.038

-.992

-.707

CENTROID X

-.333

-.486

-.451

CENTROID Y

.235

.189

.313

POA TO CENTROID in.

.408

.521

.549

MIN RADIUS

.122

.088

.166

MEAN RADIUS

.722

.640

.591

MAX RADIUS

1.438

1.057

.982

HORIZONTAL SPREAD

2.440

1.301

1.301

VERTICAL SPREAD

2.038

2.038

1.629

EXTREME SPREAD

2.514

2.082

1.673

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS345089

CENTERFIRE PATTERNS

4

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 5

2in = 7

3in = 8

HS= 1.758

VS= 3.220

GS= 3.239

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.015

.933

.873

MINIMUM X

-.743

-.665

-.725

MAXIMUM Y

1.482

1.289

.507

MINIMUM Y

-1.738

-.455

-.294

CENTROID X

.437

.519

.579

CENTROID Y

-.109

.084

-.077

POB TO CENTROID in.

.450

.526

.584

MIN RADIUS

.137

.285

.175

MEAN RADIUS

.767

.662

.532

MAX RADIUS

1.890

1.375

.921

HORIZONTAL SPREAD

1.758

1.598

1.598

VERTICAL SPREAD

3.220

1.744

.901

EXTREME SPREAD

3.239

2.243

1.760

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

8

29 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG349069

CENTERFIRE PATTERNS # 5

POB

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.001

VS= 1.815

GS= 2.423

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.079
MINIMUM X	-.922
MAXIMUM Y	.792
MINIMUM Y	-1.023
CENTROID X	-.267
CENTROID Y	.241
POB TO CENTROID in.	.360
MIN RADIUS	.539
MEAN RADIUS	.988
MAX RADIUS	1.362
HORIZONTAL SPREAD	2.001
VERTICAL SPREAD	1.815
EXTREME SPREAD	2.423
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	10

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349069
18 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.623744
1 TO	2	1.14582
1 TO	3	.745217
1 TO	4	.429197
1 TO	5	.32067

$\frac{3}{5}^2$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1488
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .570352
THE AMR FOR THIS RIFLE IS: .842

18 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349089.1

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 8

3in = 9

HS = 1.618

VS = 2.212

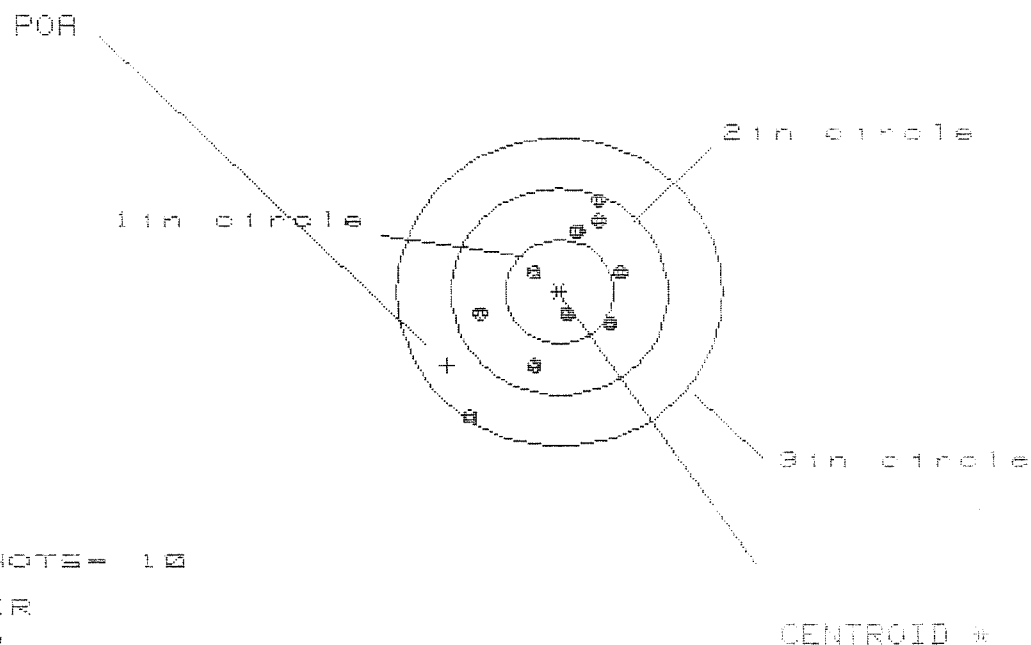
GS = 2.465

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.742	.689	.573
MINIMUM X	:	-.876	-.929	-.845
MAXIMUM Y	:	1.438	1.110	1.066
MINIMUM Y	:	-.782	-.623	-.667
CENTROID X	:	.536	.589	.705
CENTROID Y	:	-.319	-.478	-.434
POA TO CENTROID in.	:	.624	.758	.828
MIN RADIUS	:	.045	.169	.208
MEAN RADIUS	:	.752	.660	.619
MAX RADIUS	:	1.506	1.115	1.066
HORIZONTAL SPREAD	:	1.618	1.618	1.418
VERTICAL SPREAD	:	2.212	1.733	1.733
EXTREME SPREAD	:	2.465	1.792	1.792
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	9		

18 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349069.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 9

3in = 10

HEI = 1.404

VS = 2.137

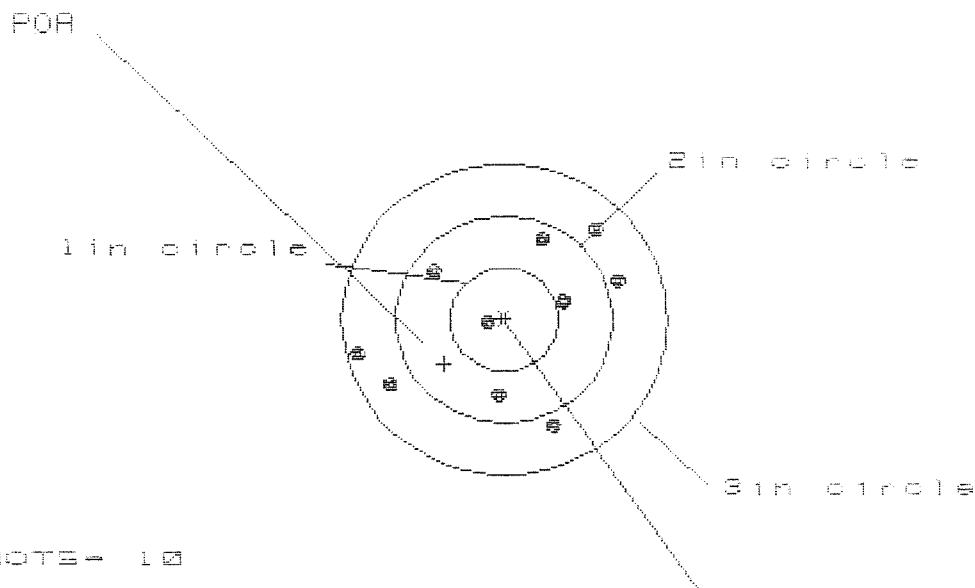
GS = 2.408

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.609	.521	.549
MINIMUM X	:	-.795	-.791	-.763
MAXIMUM Y	:	.937	.804	.673
MINIMUM Y	:	-1.200	-.849	-.749
CENTROID X	:	1.038	1.126	1.098
CENTROID Y	:	.711	.944	.744
POR TO CENTROID in.	:	1.258	1.408	1.326
MIN RADIUS	:	.257	.291	.291
MEAN RADIUS	:	.705	.611	.575
MAX RADIUS	:	1.439	.920	.816
HORIZONTAL SPREAD	:	1.404	1.312	1.312
VERTICAL SPREAD	:	2.137	1.653	1.422
EXTREME SPREAD	:	2.408	1.751	1.568
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	10		

18 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8345069.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.421

VS= 1.928

GS= 2.588

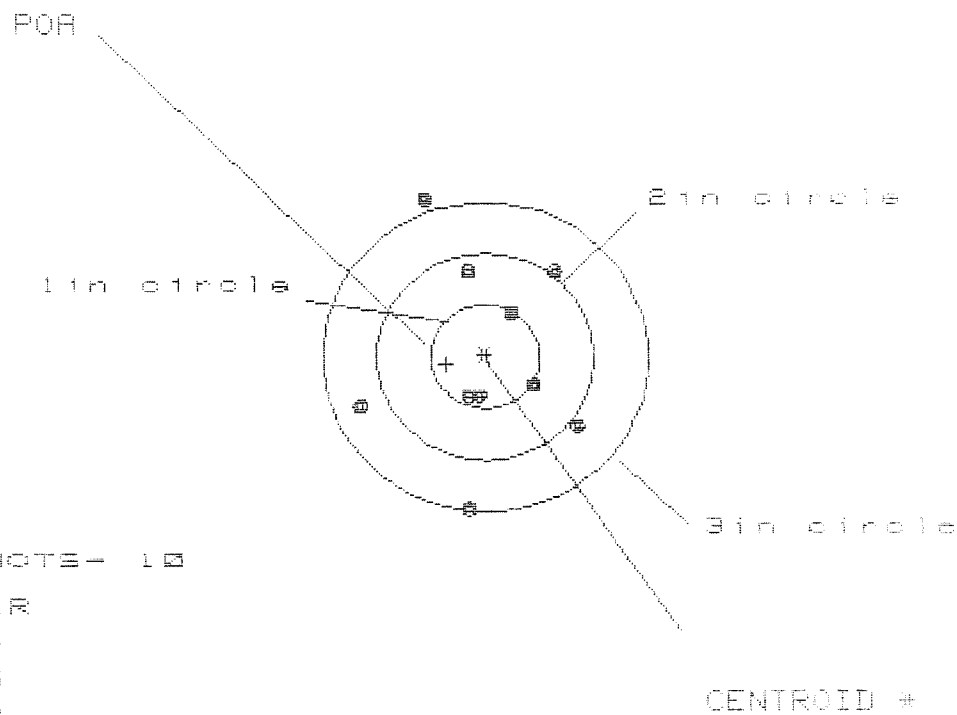
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	.908	1.000
MINIMUM X	:	-1.361	-1.177	-1.086
MAXIMUM Y	:	.914	.874	.794
MINIMUM Y	:	-1.014	-1.054	-.945
CENTROID X	:	.554	.706	.615
CENTROID Y	:	.426	.466	.357
POR TO CENTROID in.	:	.699	.846	.711
MIN RADIUS	:	.180	.336	.236
MEAN RADIUS	:	.918	.857	.813
MAX RADIUS	:	1.409	1.344	1.212
HORIZONTAL SPREAD	:	2.421	2.085	2.085
VERTICAL SPREAD	:	1.928	1.928	1.739
EXTREME SPREAD	:	2.588	2.441	2.315
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



+ OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS= 2.012

VS= 3.058

GS= 3.082

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.885	.824	.795
MINIMUM X	:	-1.127	-1.188	-1.217
MAXIMUM Y	:	1.544	1.034	.866
MINIMUM Y	:	-1.514	-1.343	-.682
CENTROID X	:	.359	.420	.449
CENTROID Y	:	.072	-.099	.069
POA TO CENTROID in.	:	.367	.432	.454
MIN RADIUS	:	.395	.237	.404
MEAN RADIUS	:	.916	.805	.740
MAX RADIUS	:	1.638	1.362	1.289
HORIZONTAL SPREAD	:	2.012	2.012	2.012
VERTICAL SPREAD	:	3.058	2.377	1.548
EXTREME SPREAD	:	3.082	2.499	2.188
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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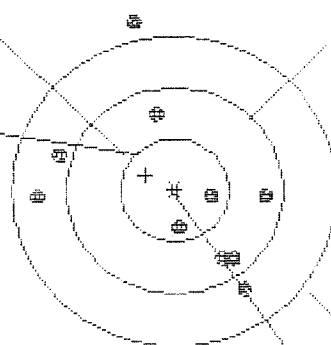
CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.097

VS= 2.613

GS= 2.789

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.865	.826	.667
MINIMUM X	:	-1.232	-1.271	-1.281
MAXIMUM Y	:	1.637	.927	.944
MINIMUM Y	:	-.977	-.795	-.779
CENTROID X	:	.266	.305	.463
CENTROID Y	:	-.146	-.327	-.344
POA TO CENTROID in.	:	.303	.447	.577
MIN RADIUS	:	.332	.223	.214
MEAN RADIUS	:	.919	.794	.690
MAX RADIUS	:	1.673	1.277	1.409
HORIZONTAL SPREAD	:	2.097	2.097	1.949
VERTICAL SPREAD	:	2.613	1.722	1.722
EXTREME SPREAD	:	2.789	2.187	2.187
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	