

C6611789

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*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: RE00131398

Serial: C6611789 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/17/2007 7:48:56 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: CO. B 2d Bn., 3d SFG-A

CO. B 2d Bn., 3d SFG-A

Address 1: SGT TIMOTHY KRANZ

SGT TIMOTHY KRANZ

Address 2: E-1650 KUWAIT STREET

PO Box:

E-1650 KUWAIT STREET

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

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
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

7/17/2007

8:14 AM

CAPS

NUM

INS

SCRL

start

3 Microsoft O...

3 Microsoft O...

Arms Services ...

4 Internet Ex...

8:14 AM

Serial
Number:

C6611789

Model: M24 SWS



RE00131398

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611789.___0
FILE DATE AND TIME: 09/08/2007 07:08

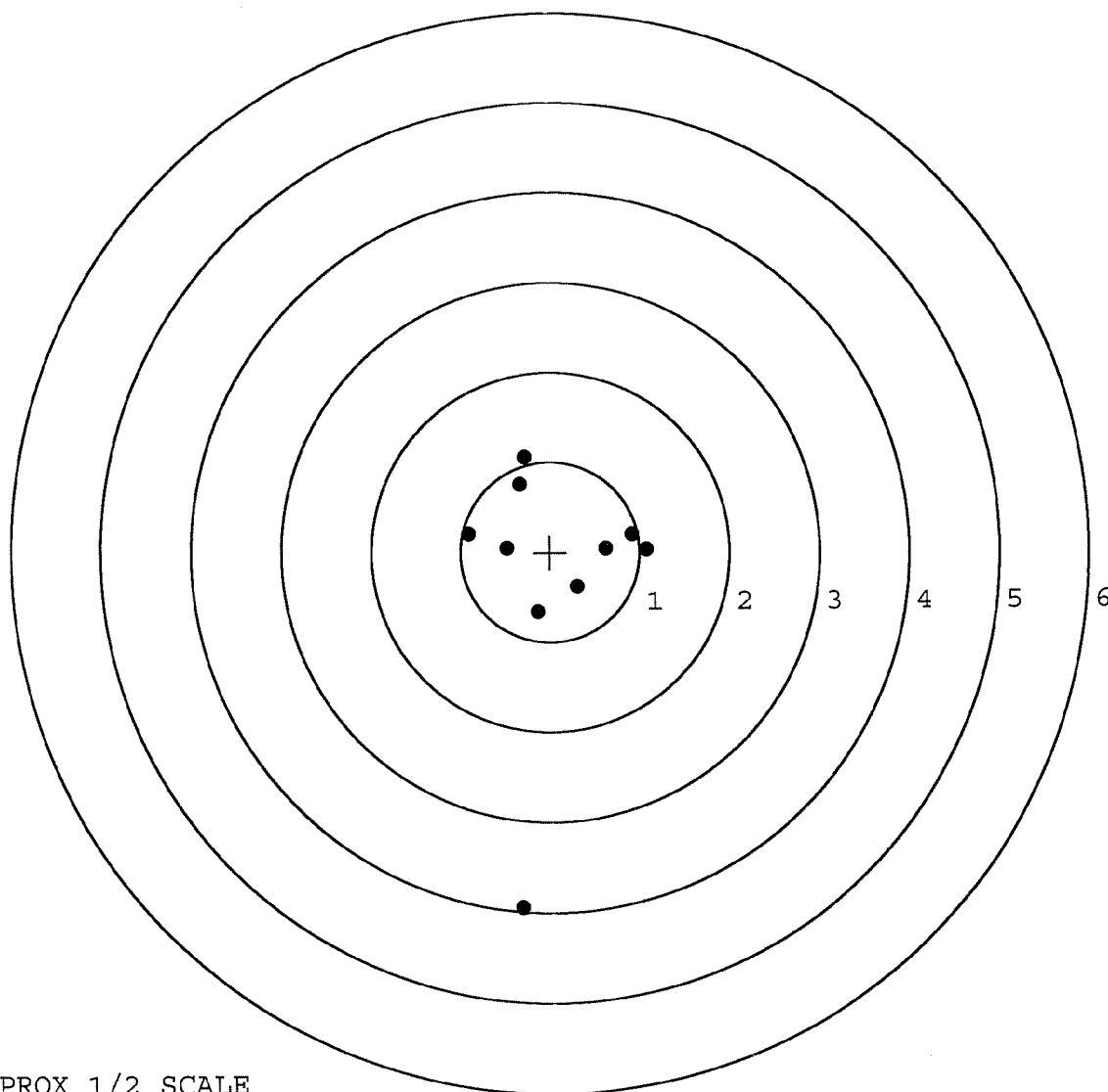
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.014
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.760
The Distance from POA to Centroid Target #1:	0.272
The Distance from Centroid Target #2 to Centroid Target #1:	0.342
The Distance from Centroid Target #3 to Centroid Target #1:	0.333
The Distance from Centroid Target #4 to Centroid Target #1:	0.194
The Distance from Centroid Target #5 to Centroid Target #1:	0.467

SERIAL NUMBER: C6611789. __0
TARGET NUMBER: 1
FILE DATE: 09/08/2007
FILE TIME: 07:08

X CENTROID: 0.043
Y CENTROID: -0.269
POA TO CENTROID: 0.272
HORZ SPREAD: 1.983
VERT SPREAD: 5.000
GROUP SPREAD: 5.000
MIN RADIUS: 0.290
MAX RADIUS: 3.702
MEAN RADIUS: 1.128
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.284	1.048
2:	-0.335	0.748
3:	-0.908	0.213
4:	-0.482	0.047
5:	-0.145	-0.669
6:	0.305	-0.393
7:	0.623	0.041
8:	1.075	0.031
9:	0.915	0.195
10:	-0.336	-3.952

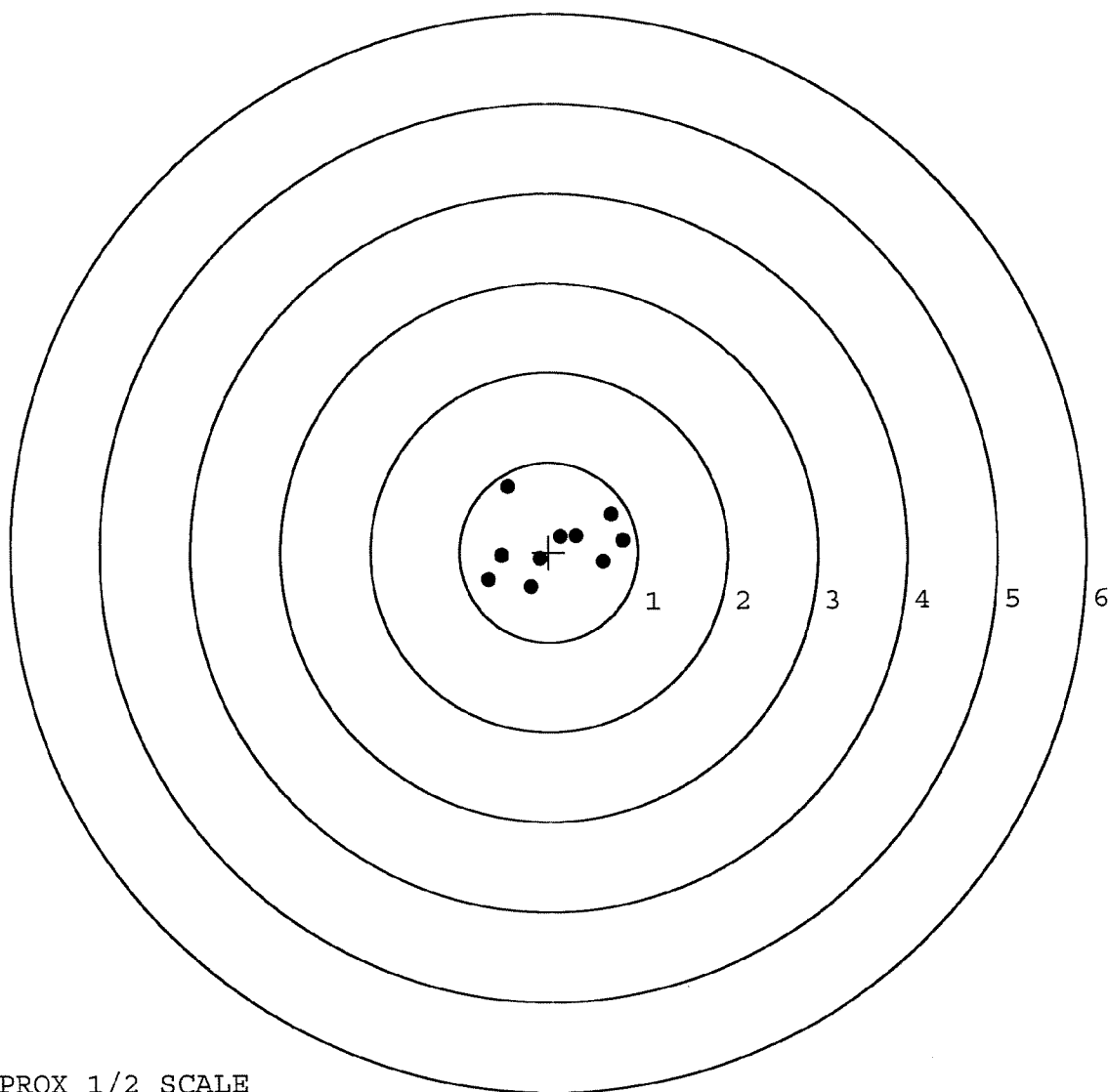


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. __0
TARGET NUMBER: 2
FILE DATE: 09/08/2007
FILE TIME: 07:08

POINT#	X	Y
1:	-0.457	0.733
2:	0.702	0.419
3:	0.832	0.130
4:	0.611	-0.109
5:	-0.529	-0.035
6:	-0.676	-0.301
7:	-0.202	-0.391
8:	-0.106	-0.077
9:	0.134	0.176
10:	0.309	0.182

X CENTROID: 0.062
Y CENTROID: 0.073
POA TO CENTROID: 0.095
HORZ SPREAD: 1.508
VERT SPREAD: 1.124
GROUP SPREAD: 1.423
MIN RADIUS: 0.126
MAX RADIUS: 0.840
MEAN RADIUS: 0.550
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

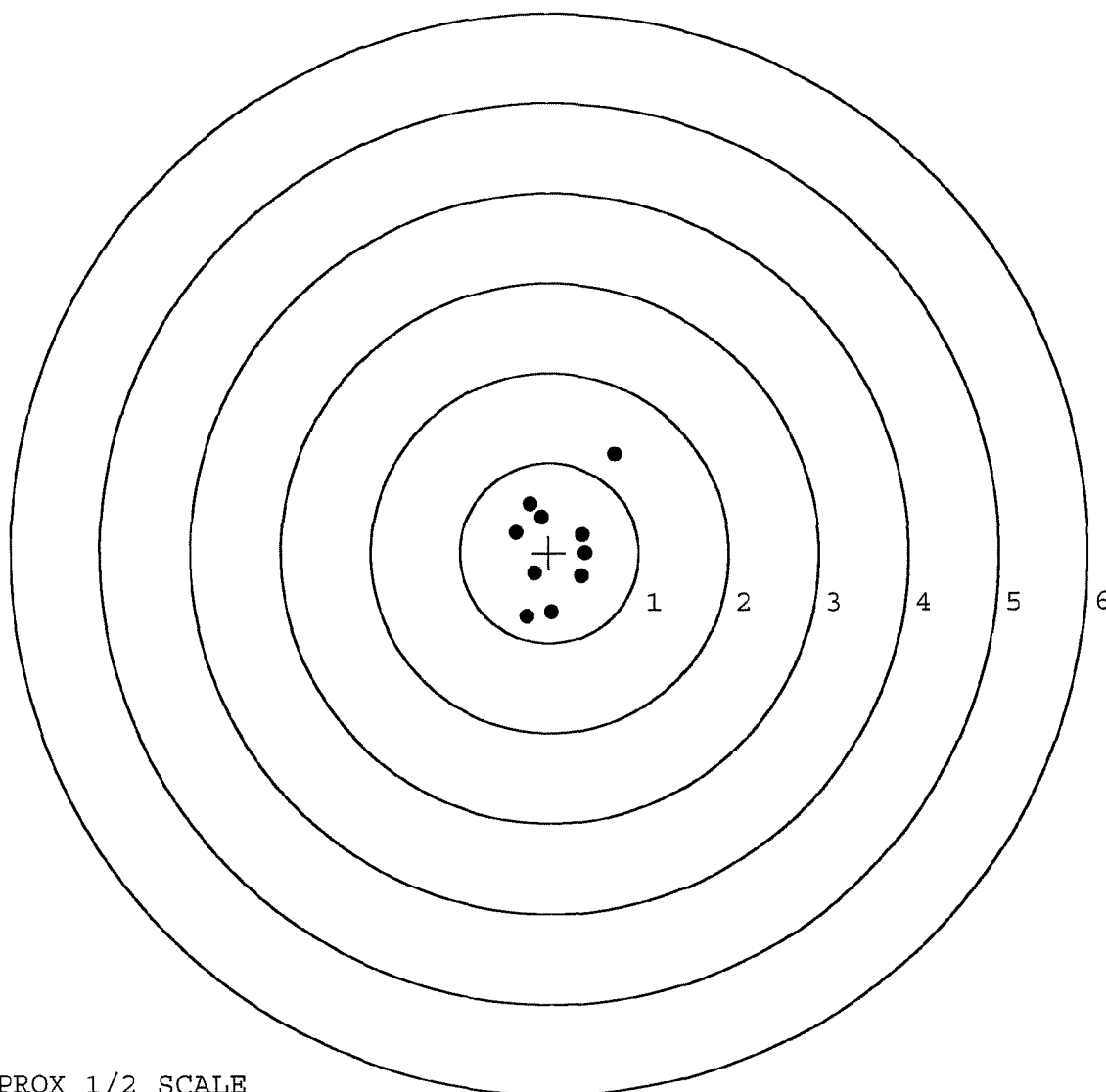


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. __0
TARGET NUMBER: 3
FILE DATE: 09/08/2007
FILE TIME: 07:08

X CENTROID: 0.080
Y CENTROID: 0.062
POA TO CENTROID: 0.101
HORZ SPREAD: 1.104
VERT SPREAD: 1.809
GROUP SPREAD: 2.063
MIN RADIUS: 0.330
MAX RADIUS: 1.227
MEAN RADIUS: 0.568
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.735	1.100
2:	-0.256	-0.709
3:	0.021	-0.664
4:	-0.167	-0.229
5:	0.363	-0.258
6:	0.404	0.001
7:	0.374	0.213
8:	-0.217	0.543
9:	-0.369	0.231
10:	-0.089	0.395



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. __0

TARGET NUMBER: 4

FILE DATE: 09/08/2007

FILE TIME: 07:08

X CENTROID: -0.041

Y CENTROID: -0.094

POA TO CENTROID: 0.103

HORZ SPREAD: 1.301

VERT SPREAD: 1.677

GROUP SPREAD: 2.036

MIN RADIUS: 0.188

MAX RADIUS: 1.144

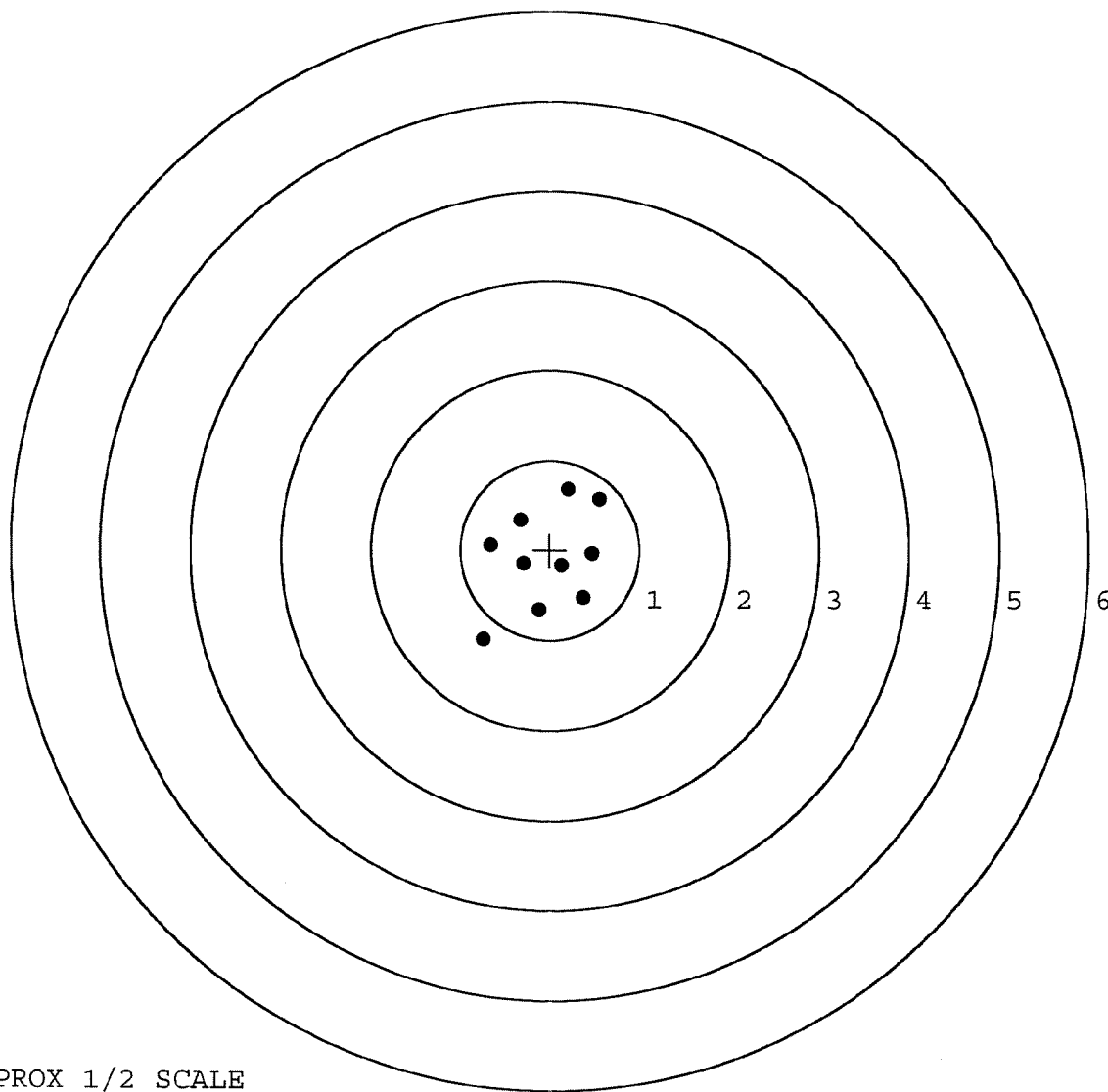
MEAN RADIUS: 0.617

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.329	0.334
2:	-0.664	0.055
3:	-0.294	-0.155
4:	0.130	-0.174
5:	0.475	-0.045
6:	0.557	0.569
7:	0.209	0.680
8:	0.379	-0.538
9:	-0.126	-0.670
10:	-0.744	-0.997



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. 0

TARGET NUMBER: 5

FILE DATE: 09/08/2007

FILE TIME: 07:08

POINT#	X	Y
1:	-1.114	0.449
2:	-0.679	0.745
3:	-0.483	0.529
4:	0.948	0.014
5:	0.541	-0.262
6:	0.176	-0.446
7:	-0.068	-0.452
8:	-0.377	-0.209
9:	-0.297	-1.274
10:	-0.808	2.100

X CENTROID: -0.216

Y CENTROID: 0.119

POA TO CENTROID: 0.247

HORZ SPREAD: 2.062

VERT SPREAD: 3.374

GROUP SPREAD: 3.412

MIN RADIUS: 0.366

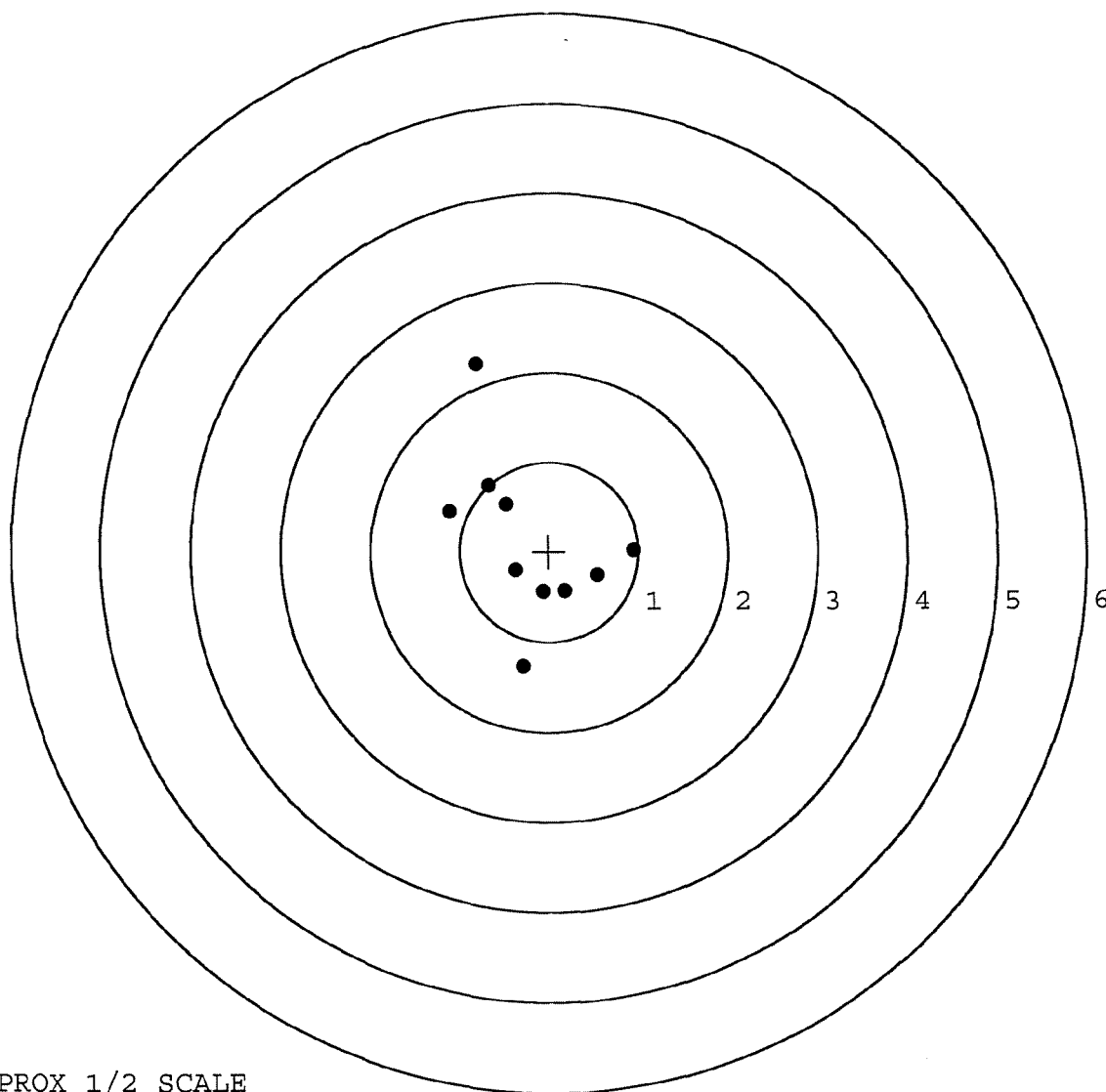
MAX RADIUS: 2.067

MEAN RADIUS: 0.935

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

131398

SERIAL NUMBER

06611789

LOG-IN DATE

7-17-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-14-07	RTZ
505	RE-BARREL	8-15-07	RTZ
560	ASSEMBLE	8-20-07	RTZ
600	PROOF	8-23-07	non
605	CHECK HEADSPACE	8-23-07	non
610	DIS-ASSEMBLE GUN	8-25-07	RTZ
612	MAGNAFLUX	8-30-07	JB
510	DRILL AND TAP	8-27-07	TRW
615	ROLLMARK CALIBER	8-28-07	CW
618	ROTO-BLAST	8-30-07	LY
620	APPLY COATINGS	8-31-07	ZB
625	FINAL ASSEMBLY	9-7-07	RTZ
640	FUNCTION TEST AND	9-17-07	non
650	TARGET	9-17-07	non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-10-07	non
	A) HEADSPACE	9-10-07	non
	B) TRIGGER PULL	300 302 2.94 301 300 9-10-07	DA
680	F) SAFETY ON FORCE	5.5 5.5 5.5 9-10-07	non
	G) SAFETY OFF FORCE	3.50 3.25 2.75 9-10-07	non
	I) FIRING PIN INDENT	.020 .021 .020 9-10-07	non
690	PACK	9-12-07	DA

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: RE00036673 Serial: C6611789 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 11/30/01 2:03:26 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: 28310 Country: US

FEL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Poor Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

Start nagle 11/30/01 2:15 PM CAPS NUM INS SCRL 2:15 PM

Serial Number: C6611789

Model: 700



RE00036673

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611789.___0
FILE DATE AND TIME: 12/16/2001 03:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.435
The Distance from POA to Centroid Target #1:	0.067
The Distance from Centroid Target #2 to Centroid Target #1:	0.182
The Distance from Centroid Target #3 to Centroid Target #1:	0.088
The Distance from Centroid Target #4 to Centroid Target #1:	0.122
The Distance from Centroid Target #5 to Centroid Target #1:	0.185

SERIAL NUMBER: C6611789. 0

TARGET NUMBER: 1

FILE DATE: 12/16/2001

FILE TIME: 03:40

POINT#	X	Y
1:	-0.676	0.782
2:	0.755	0.290
3:	0.539	0.066
4:	0.449	-0.209
5:	0.076	-0.394
6:	-0.209	0.343
7:	-0.602	-0.218
8:	-0.447	0.074
9:	-0.259	-0.045
10:	-0.135	-0.256

X CENTROID: -0.051

Y CENTROID: 0.043

POA TO CENTROID: 0.067

HORZ SPREAD: 1.431

VERT SPREAD: 1.176

GROUP SPREAD: 1.513

MIN RADIUS: 0.226

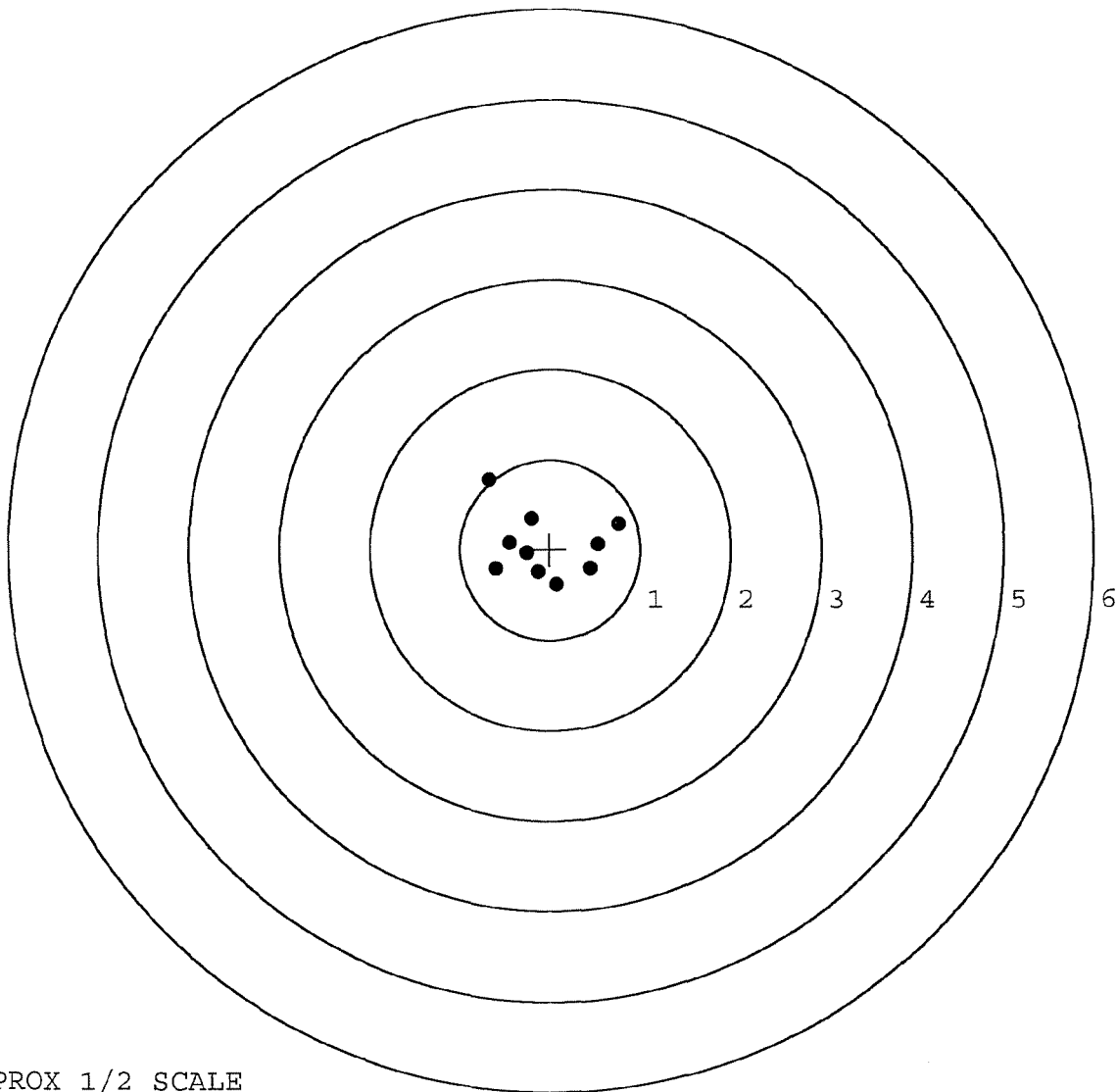
MAX RADIUS: 0.968

MEAN RADIUS: 0.530

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

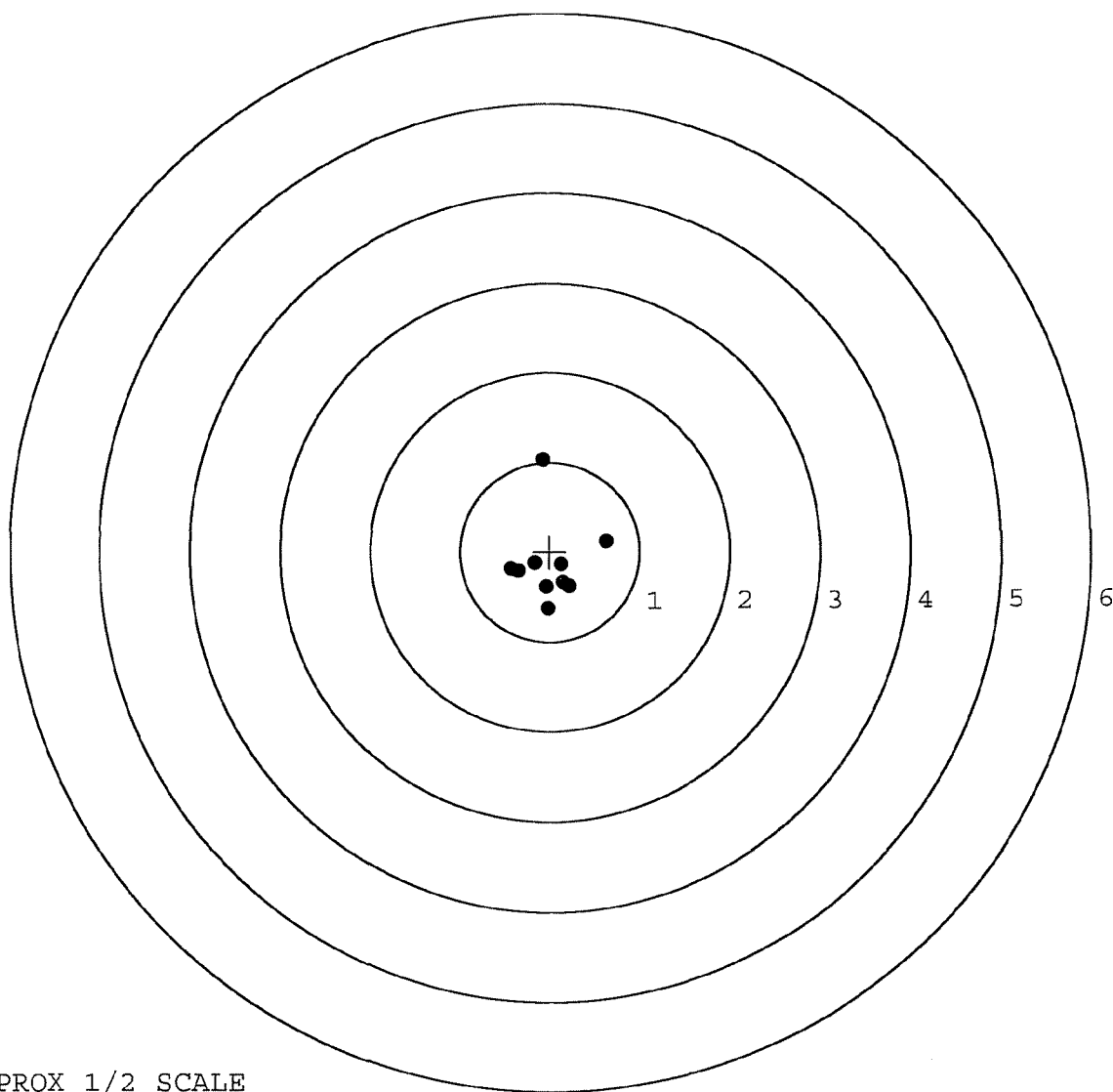


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. __0
TARGET NUMBER: 2
FILE DATE: 12/16/2001
FILE TIME: 03:40

X CENTROID: 0.003
Y CENTROID: -0.130
POA TO CENTROID: 0.130
HORZ SPREAD: 1.070
VERT SPREAD: 1.669
GROUP SPREAD: 1.670
MIN RADIUS: 0.128
MAX RADIUS: 1.166
MEAN RADIUS: 0.433
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.077	1.033
2:	0.633	0.115
3:	-0.437	-0.192
4:	-0.025	-0.636
5:	0.223	-0.392
6:	0.131	-0.145
7:	-0.168	-0.131
8:	-0.352	-0.214
9:	-0.041	-0.400
10:	0.147	-0.341

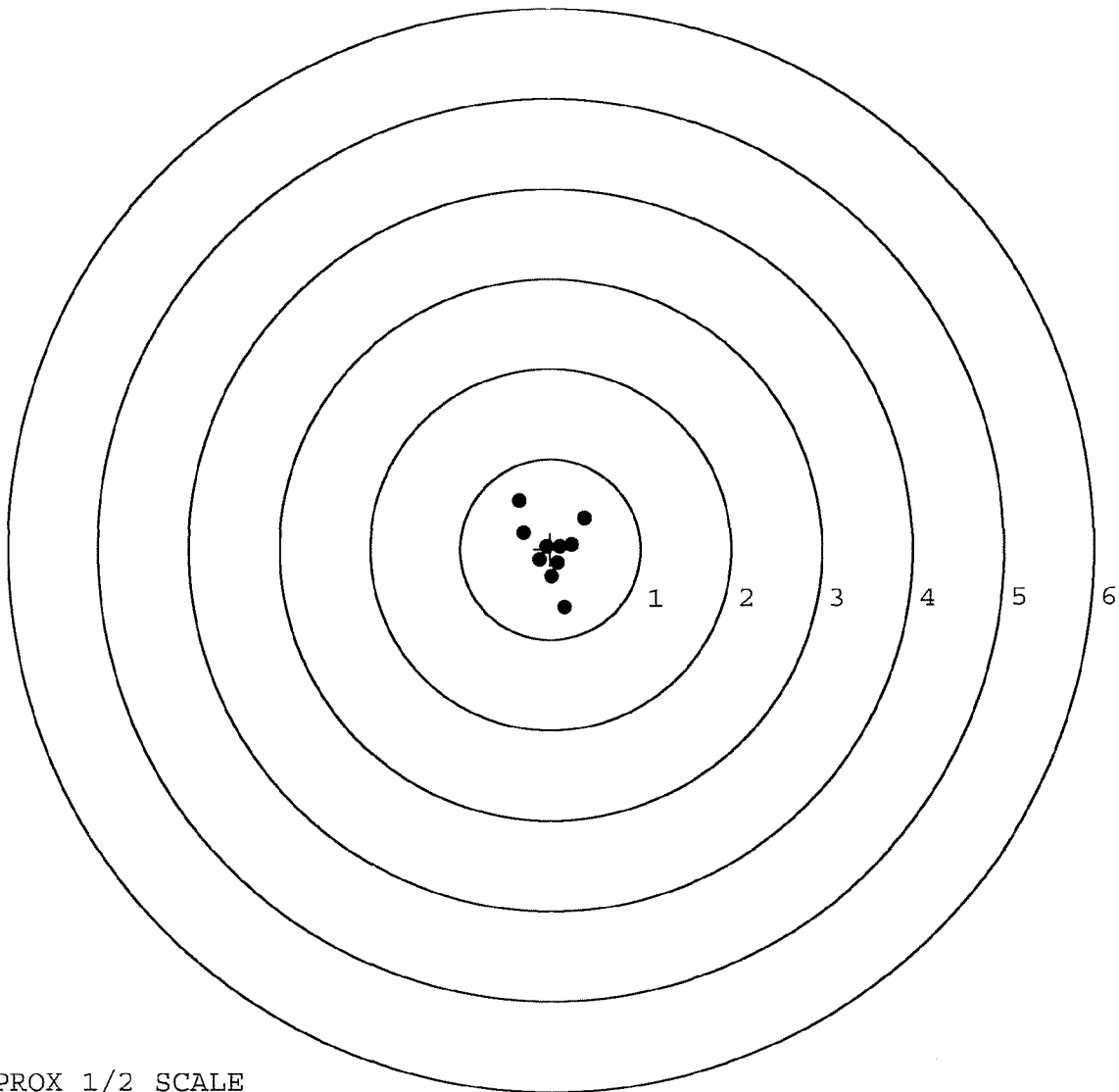


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. __0
TARGET NUMBER: 3
FILE DATE: 12/16/2001
FILE TIME: 03:40

X CENTROID: 0.021
Y CENTROID: -0.008
POA TO CENTROID: 0.023
HORZ SPREAD: 0.729
VERT SPREAD: 1.187
GROUP SPREAD: 1.287
MIN RADIUS: 0.072
MAX RADIUS: 0.658
MEAN RADIUS: 0.325
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.337	0.536
2:	0.392	0.346
3:	0.161	-0.651
4:	-0.294	0.180
5:	0.019	-0.313
6:	-0.126	-0.126
7:	-0.041	0.029
8:	0.086	-0.158
9:	0.108	0.033
10:	0.245	0.048



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. __0

TARGET NUMBER: 4

FILE DATE: 12/16/2001

FILE TIME: 03:40

POINT#	X	Y
1:	0.466	-0.672
2:	0.448	-0.413
3:	0.284	0.574
4:	-0.640	0.240
5:	0.028	0.322
6:	-0.178	-0.010
7:	-0.153	-0.295
8:	-0.025	-0.167
9:	0.136	0.049
10:	-0.047	-0.087

X CENTROID: 0.032

Y CENTROID: -0.046

POA TO CENTROID: 0.056

HORZ SPREAD: 1.106

VERT SPREAD: 1.246

GROUP SPREAD: 1.434

MIN RADIUS: 0.089

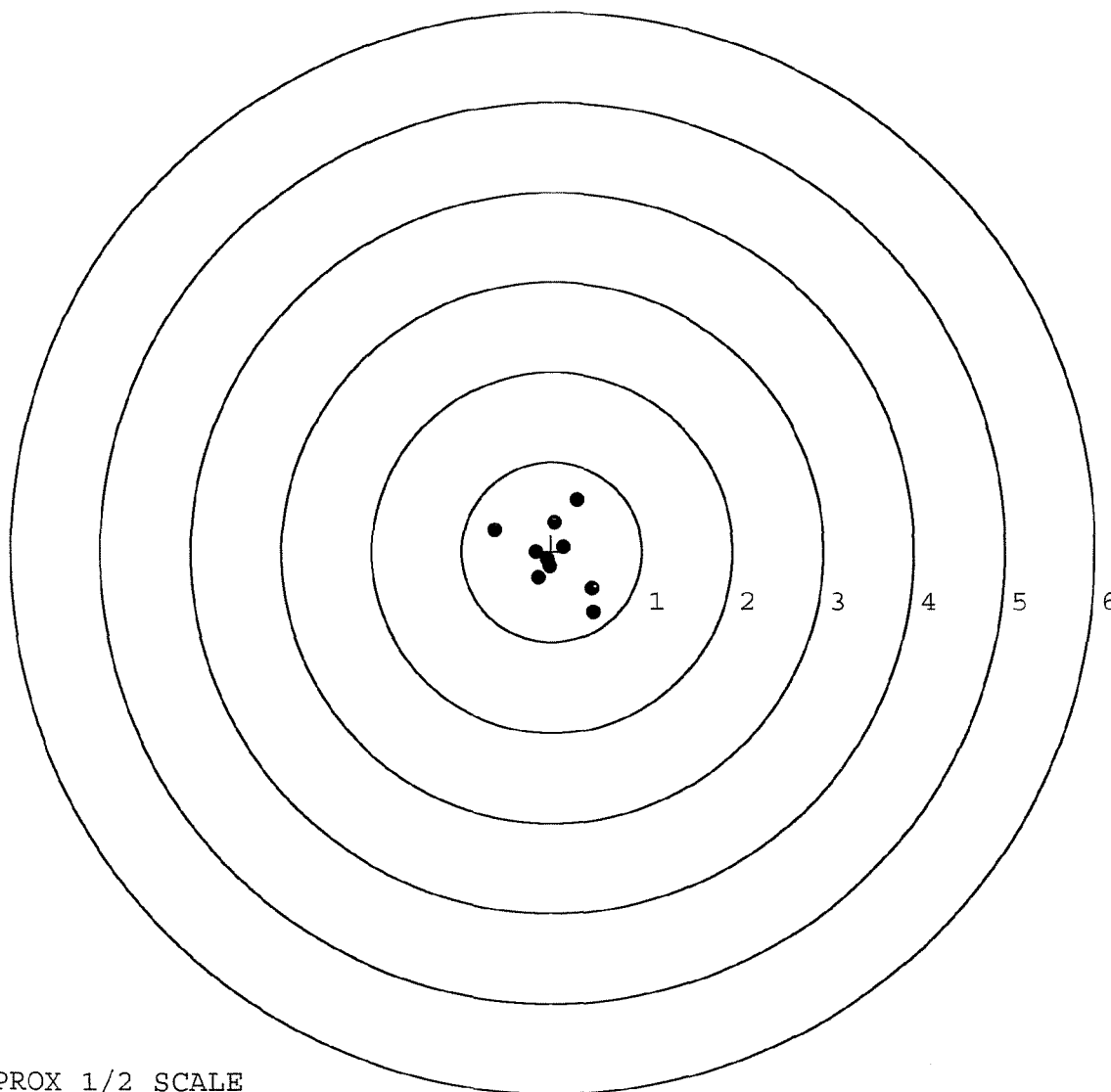
MAX RADIUS: 0.762

MEAN RADIUS: 0.397

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611789. __0

TARGET NUMBER: 5

FILE DATE: 12/16/2001

FILE TIME: 03:40

POINT#	X	Y
1:	0.396	-0.706
2:	-0.096	-0.995
3:	-0.351	0.995
4:	-0.268	0.367
5:	0.627	-0.021
6:	0.311	0.124
7:	0.334	-0.186
8:	0.061	-0.123
9:	-0.087	0.165
10:	0.220	-0.020

X CENTROID: 0.115

Y CENTROID: -0.040

POA TO CENTROID: 0.121

HORZ SPREAD: 0.978

VERT SPREAD: 1.990

GROUP SPREAD: 2.006

MIN RADIUS: 0.099

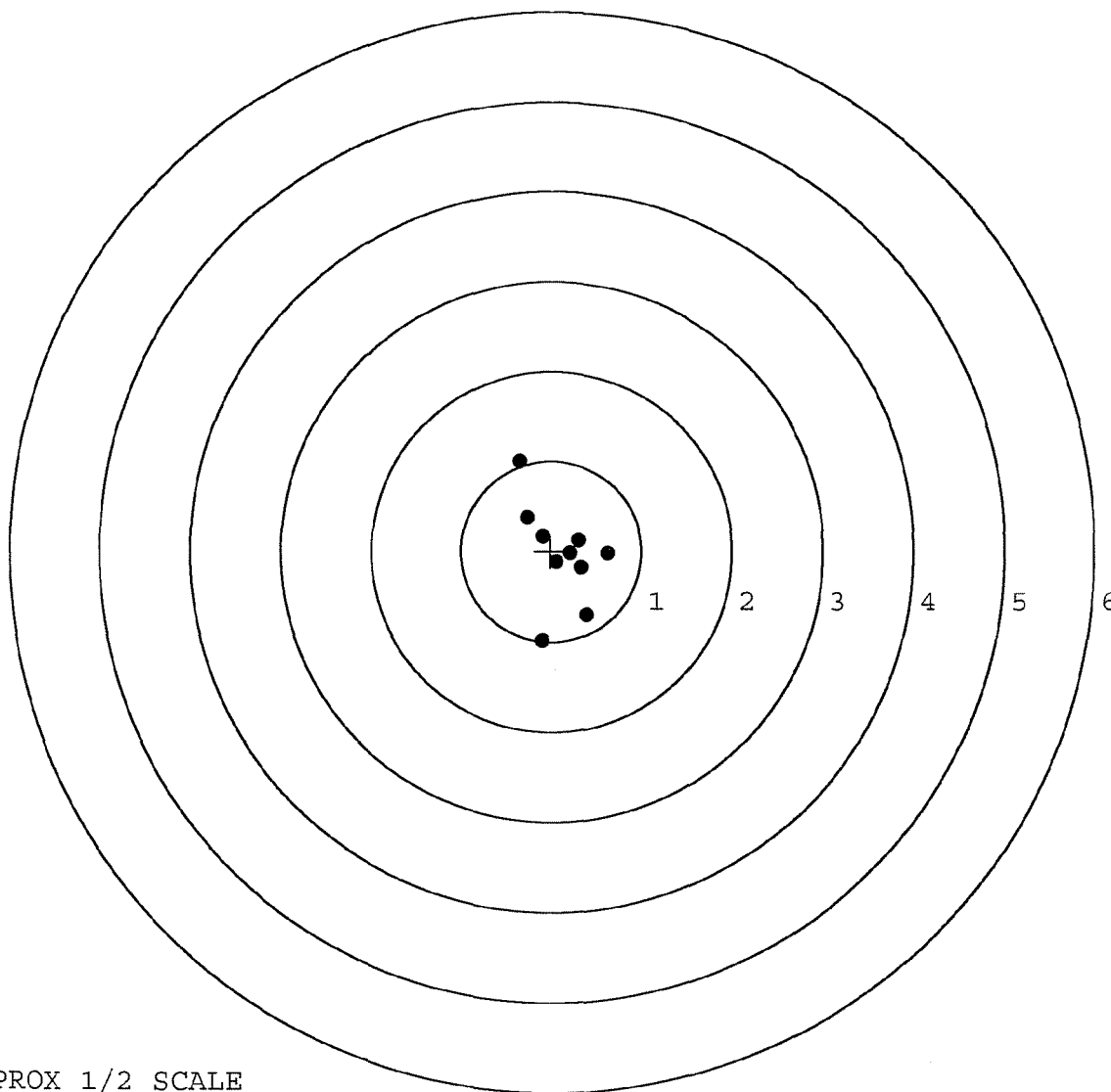
MAX RADIUS: 1.135

MEAN RADIUS: 0.492

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE




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

MODEL 700™ M24

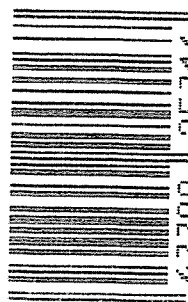
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6611789

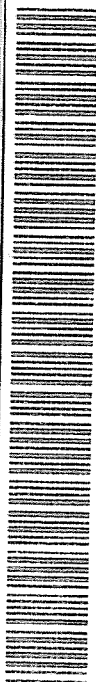
ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6611789

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611789

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	YB.
617	Drill and Tap Sight Holes	2 2 91		WB
618	Polish Barrel <i>ABB</i>	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/5/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KH
	C) Inspect Ejector Hole for Chamfer		3/5/91	KH
	D) Oil Firing Pin Ass'y		3/5/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 ³ / ₄	5 ³ / ₄	5 ¹ / ₂			3/7/91	WB
	G) Safety Off Force	2 ¹ / ₄	2 ¹ / ₄	2 ¹ / ₄			3/7/91	WB
	H) Trigger Pull Test & Retainability						3/7/91	WB
	I) Firing Pin Indent	.022	.021	.0215			3/7/91	WB
	J) Assemble Stock						3/8/91	KL
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/8/91	KL
	M) Iron Sight Alignment						3/8/91	KL
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	KL
	O) Attach Scope to Rifle						3/8/91	KL
	P) Detach & Attach Scope 20 Times						3/8/91	KL
640	Gallery Target & Test						3-9-91	AC
	A) Time						3-9-91	AC
	B) Malfunctions						3-9-91	AC
	C) Pierced Primers						3-9-91	AC
	D) Optical Clarity of Scope						3-9-91	AC
645	Inspect for Live Ammo						3-9-91	AC
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.34	2.34	2.32	2.22	2.23	3/11/91	KL
	C) Function						3-11-91	D/H
660	Pack						3-15-91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611789

DATE 3/17/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.30	2.36	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.31	2.35	2.34	
PULL #3	2.24	2.29	2.36	2.32	
PULL #4	2.29	2.36	2.35	2.22	
PULL #5	2.29	2.26	2.32	2.23	
TOTAL	11.49	11.52	11.74		
AVG.	2.30	2.30	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.18		
PULL #2	3.08	3.13		
PULL #3	3.18	3.19		
PULL #4	3.14	3.20		
PULL #5	3.18	3.19		
TOTAL	15.82	15.89		
AVG.	3.16	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.15		4.21
PULL #2	4.12	4.15		4.15
PULL #3	4.13	4.16		4.17
PULL #4	4.16	4.14		4.14
PULL #5	4.17	4.16		4.20
TOTAL	20.83	20.76		20.87
AVG.	4.17	4.15		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611789
9 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.189708
1 TO	2	.142695
1 TO	3	.540476
1 TO	4	.335195
1 TO	5	.10748

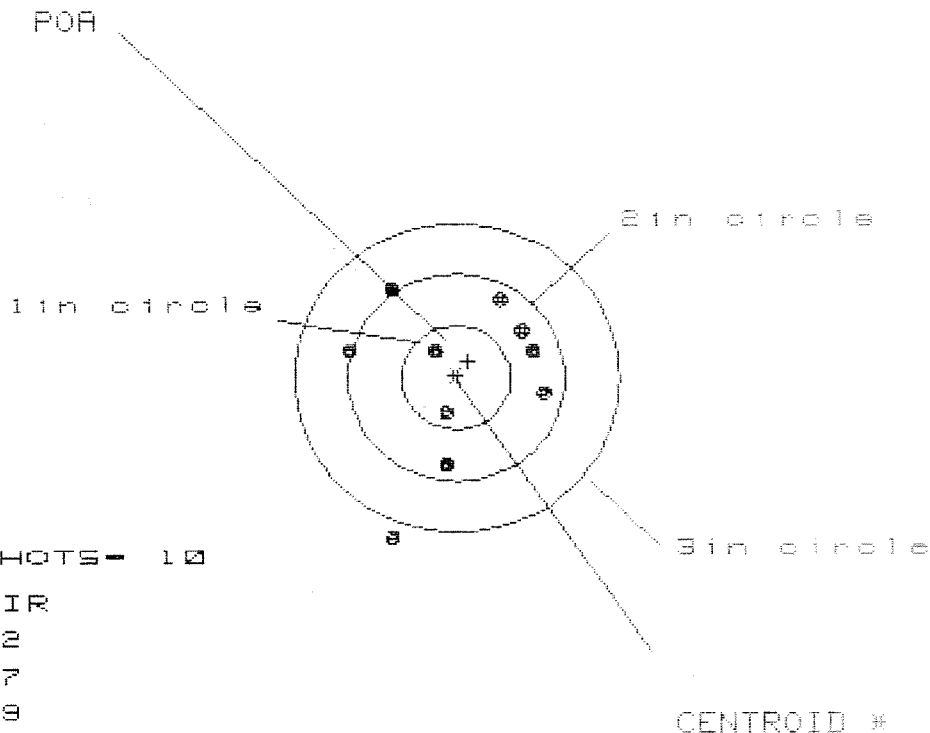
3
5th (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0098
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0152
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0910773
THE AMR FOR THIS RIFLE IS: .8718

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11789

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.782

VS= 2.403

GS= 2.585

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.809	.739	.609
MINIMUM X	:	-.973	-1.043	-.781
MAXIMUM Y	:	.826	.651	.663
MINIMUM Y	:	-1.577	-1.038	-1.026
CENTROID X	:	-.105	-.035	.095
CENTROID Y	:	-.158	.017	.005
POA TO CENTROID in.	:	.189	.039	.095
MIN RADIUS	:	.329	.332	.460
MEAN RADIUS	:	.852	.736	.682
MAX RADIUS	:	1.697	1.049	1.064
HORIZONTAL SPREAD	:	1.782	1.782	1.390
VERTICAL SPREAD	:	2.403	1.689	1.689
EXTREME SPREAD	:	2.585	1.819	1.762
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

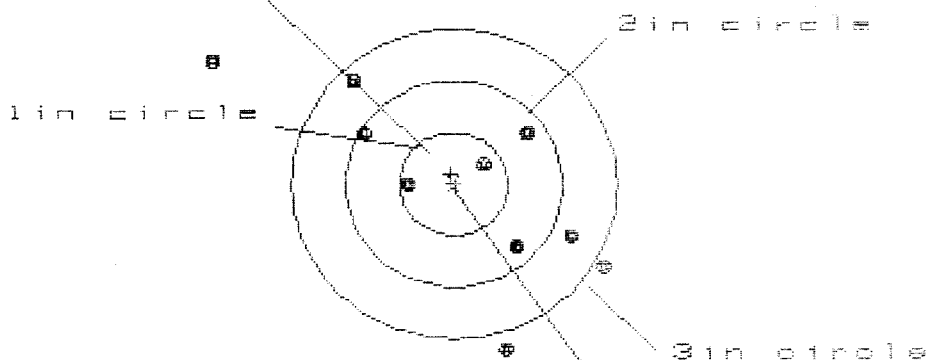
9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611789

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 3.538

VS= 2.821

GS= 4.082

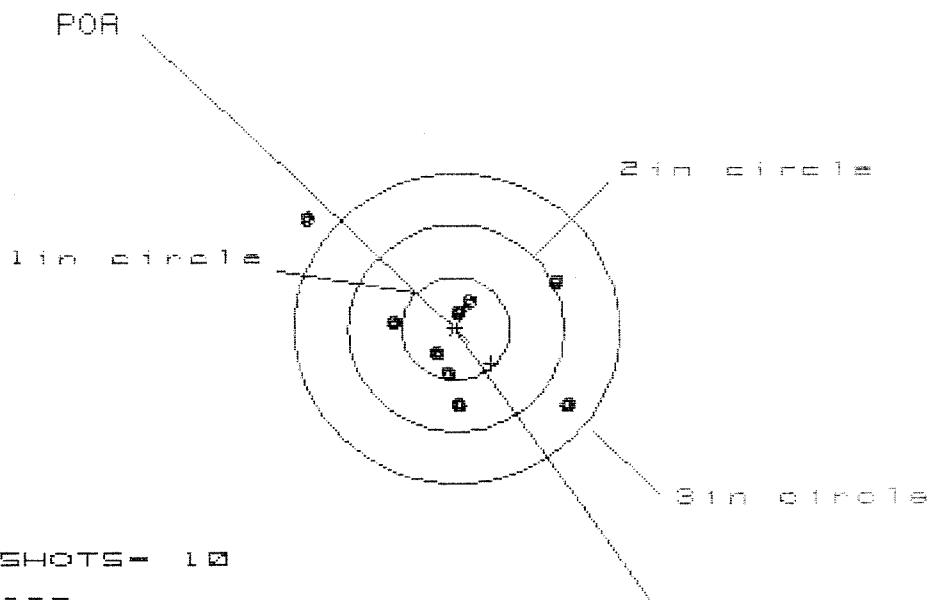
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.348	1.105	1.128
MINIMUM X	:	-2.190	-1.179	-1.156
MAXIMUM Y	:	1.239	1.109	.928
MINIMUM Y	:	-1.582	-1.444	-.839
CENTROID X	:	.024	.267	.244
CENTROID Y	:	-.097	-.235	-.055
POA TO CENTROID in.	:	.100	.356	.250
MIN RADIUS	:	.353	.368	.192
MEAN RADIUS	:	1.165	.987	.985
MAX RADIUS	:	2.516	1.619	1.483
HORIZONTAL SPREAD	:	3.538	2.284	2.284
VERTICAL SPREAD	:	2.821	2.553	1.767
EXTREME SPREAD	:	4.082	2.894	2.888
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

9 Mar 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 9

HS= 2.415

VS= 1.835

GS= 3.033

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.013	.858	.911
MINIMUM X	:	-1.402	-.691	-.584
MAXIMUM Y	:	1.070	.596	.515
MINIMUM Y	:	-.765	-.646	-.669
CENTROID X	:	-.322	-.167	-.274
CENTROID Y	:	.337	.218	.298
POA TO CENTROID in.	:	.466	.274	.405
MIN RADIUS	:	.159	.300	.194
MEAN RADIUS	:	.679	.577	.476
MAX RADIUS	:	1.764	1.074	1.047
HORIZONTAL SPREAD	:	2.415	1.549	1.495
VERTICAL SPREAD	:	1.835	1.242	1.185
EXTREME SPREAD	:	3.033	1.735	1.564
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Mar 1991

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.135

VS= 2.686

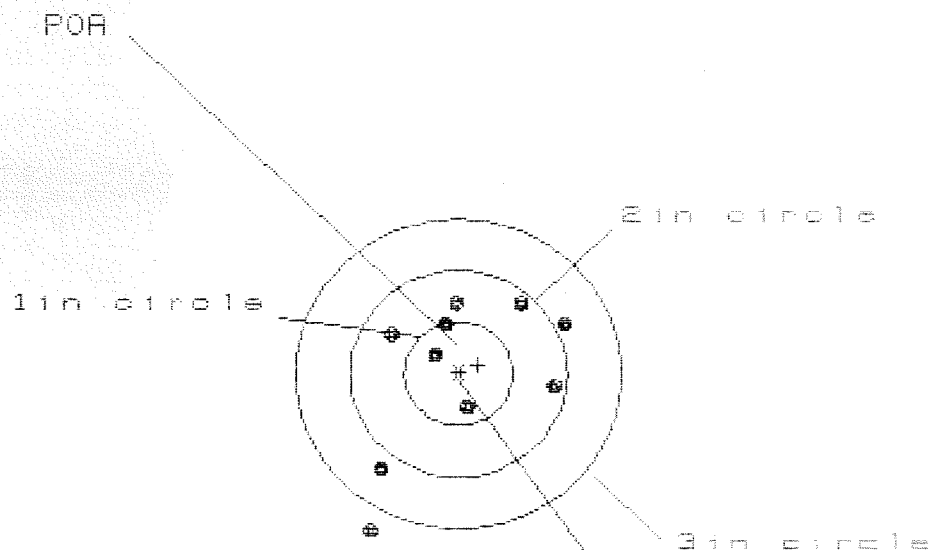
GS= 2.686

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	.981	.893
MINIMUM X	:	-1.087	-1.154	-1.242
MAXIMUM Y	:	1.431	.621	.484
MINIMUM Y	:	-1.255	-1.096	-.685
CENTROID X	:	.135	.202	.290
CENTROID Y	:	.076	-.083	.054
POA TO CENTROID in.	:	.155	.219	.295
MIN RADIUS	:	.280	.138	.179
MEAN RADIUS	:	.836	.747	.635
MAX RADIUS	:	1.554	1.300	1.267
HORIZONTAL SPREAD	:	2.135	2.135	2.135
VERTICAL SPREAD	:	2.686	1.717	1.169
EXTREME SPREAD	:	2.686	2.139	2.139
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Mar 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8611768

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 1.857

VS = 2.230

GS = 2.758

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.010	.916	.887
MINIMUM X	-.847	-.807	-.692
MAXIMUM Y	.691	.520	.561
MINIMUM Y	-1.539	-1.042	-1.001
CENTROID X	-.181	-.087	-.202
CENTROID Y	-.082	.089	.048
POA TO CENTROID in.	.199	.125	.207
MIN RADIUS	.293	.325	.236
MEAN RADIUS	.827	.695	.647
MAX RADIUS	1.756	1.318	1.217
HORIZONTAL SPREAD	1.857	1.723	1.579
VERTICAL SPREAD	2.230	1.562	1.562
EXTREME SPREAD	2.758	2.202	2.054
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	