

C6225521

MODEL 700™ M24

Model **5M5**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington.

Remington[®]

MODEL 700TM 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. & T.M. OFF.

SERIAL NO.
C6225521

ORDER NO.
5716

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225521

OP. #	OP. NAME	INTERCHANGEABILITY	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1 25	89	RW
600	Proof		1 25	89	RW
607	Check Headspace		1 25	89	RW
610	Dis-assemble Gun		1 25	89	RW
612	Magnaflux Barrel Action			1-27-89	RK.
	Magnaflux Bolt			1-27-89	KCR
615	Rollmark Caliber				
617	Drill and Tap Sight Holes		2 1	89	FB
618	Polish Barrel		2 1	89	BT
620	Apply Coatings (Barrel Action)				
	Apply Coating (Bolt)			2-10-89	TSA
625	Final Assembly A) Clean inside of Bolt Assembly			2/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			2/21/89	RW
	C) Inspect Ejector Hole for Chamfer			2/21/89	RW
	D) Oil Firing Pin Ass'y			2/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake			2/22/89	JS

op. #	OP. NAME	READINGS				DATE	INITIAL	
625 cont.	F) Safety On Force	5	5	5		23 Feb 89	JS	
	G) Safety Off Force	3	3	3		23 Feb 89	JS	
	H) Trigger Pull Test & Retainability					23 Feb 89	JS	
	I) Firing Pin Indent	.0215	.0215	.022		23 Feb 89	JS	
	J) Assemble Stock					2/23/89	RW	
	K) Assemble Swivel Studs					24 Feb 89	JS	
	L) Attach Front and Rear Sight Assemblies					2/23/89	RW	
	M) Iron Sight Alignment					2/23/89	RW	
	N) Detach Front & Rear Sights & place in numbered container					2/23/89	RW	
	O) Attach Scope to Rifle					24 Feb 89	JS	
	P) Detach & Attach Scope 20 Times					24 Feb 89	JS	
640	Gallery Target & Test	54 R	98 L			2/24/89	AC	
	A) Time					"	AC	
	B) Malfunctions		NONE			"	AC	
	C) Pierced Primers		NONE			"	AC	
	D) Optical Clarity of Scope		OK			2/24/89	AC	
645	Inspect for Live Ammo		NONE			2/24/89	AC	
655	Final Inspection							
	A) Headspace					24 Feb 89	JS	
	B) Trigger Pull	2.46	2.46	2.45	2.48	2.46	24 Feb 89	JS
	C) Function						24 Feb 89	JS
660	Pack					22 Mar 89	JS	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225521

DATE 4/3/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.38	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.32	2.15	
PULL #3	2.34	2.36	2.22	
PULL #4	2.30	2.37	2.19	
PULL #5	2.34	2.38	2.21	
TOTAL	11.60	11.81	11.03	
AVG.	2.32	2.36	2.21	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.21	3.13	
PULL #2	3.24	3.09	
PULL #3	3.24	3.06	
PULL #4	3.20	3.07	
PULL #5	3.11	3.09	
TOTAL	16.00	15.44	
AVG.	3.20	3.08	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.26		
PULL #2	4.30	4.21		
PULL #3	4.26	4.22		
PULL #4	4.24	4.21		
PULL #5	4.15	4.21		
TOTAL	21.30	21.11		
AVG.	4.26	4.22		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225521
20 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.391863
1 TO	2	.241106
1 TO	3	.507579
1 TO	4	.0967988
1 TO	5	.469317

34 <----POA

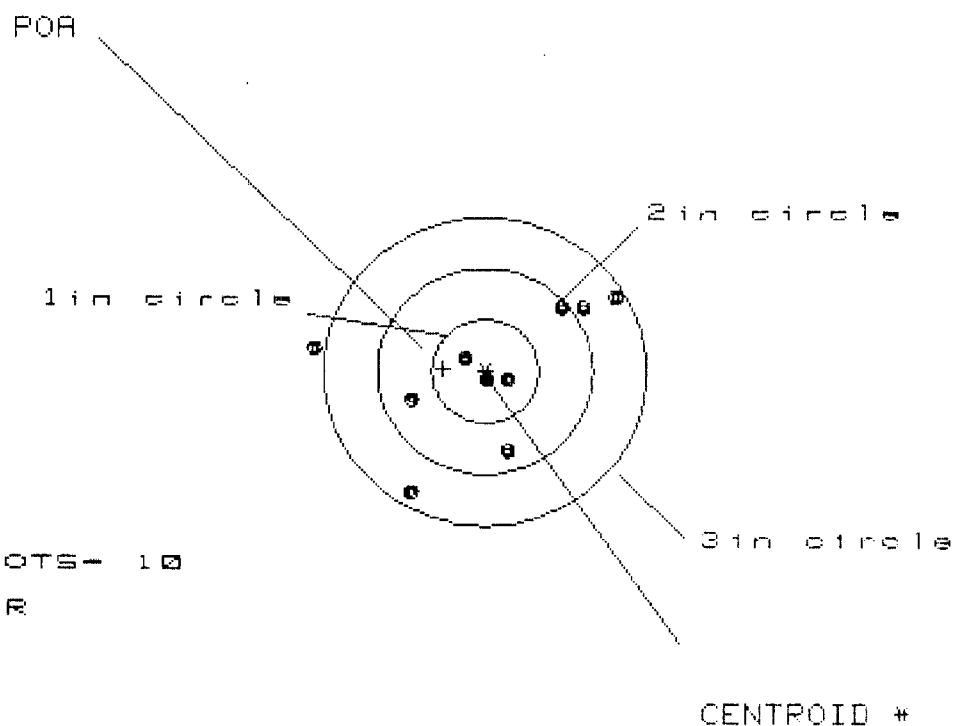
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1762
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1608
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .238544
THE AMR FOR THIS RIFLE IS: .8862

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225521

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.748

VS= 1.907

GS= 2.806

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.180	1.006	.873
MINIMUM X	:	-1.568	-.899	-.773
MAXIMUM Y	:	.753	.774	.772
MINIMUM Y	:	-1.153	-1.133	-1.036
CENTROID X	:	.391	.565	.439
CENTROID Y	:	-.026	-.046	-.143
POA TO CENTROID in.	:	.391	.567	.462
MIN RADIUS	:	.074	.064	.098
MEAN RADIUS	:	.853	.768	.694
MAX RADIUS	:	1.579	1.443	1.290
HORIZONTAL SPREAD	:	2.748	1.905	1.646
VERTICAL SPREAD	:	1.907	1.907	1.808
EXTREME SPREAD	:	2.806	2.692	2.384
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225521

CENTERFIRE PATTERNS

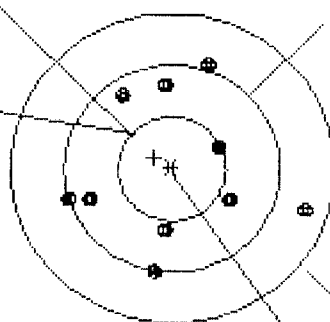
2

POA

1in circle

2in circle

3in circle



CENTROID #

OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.269

VS= 2.032

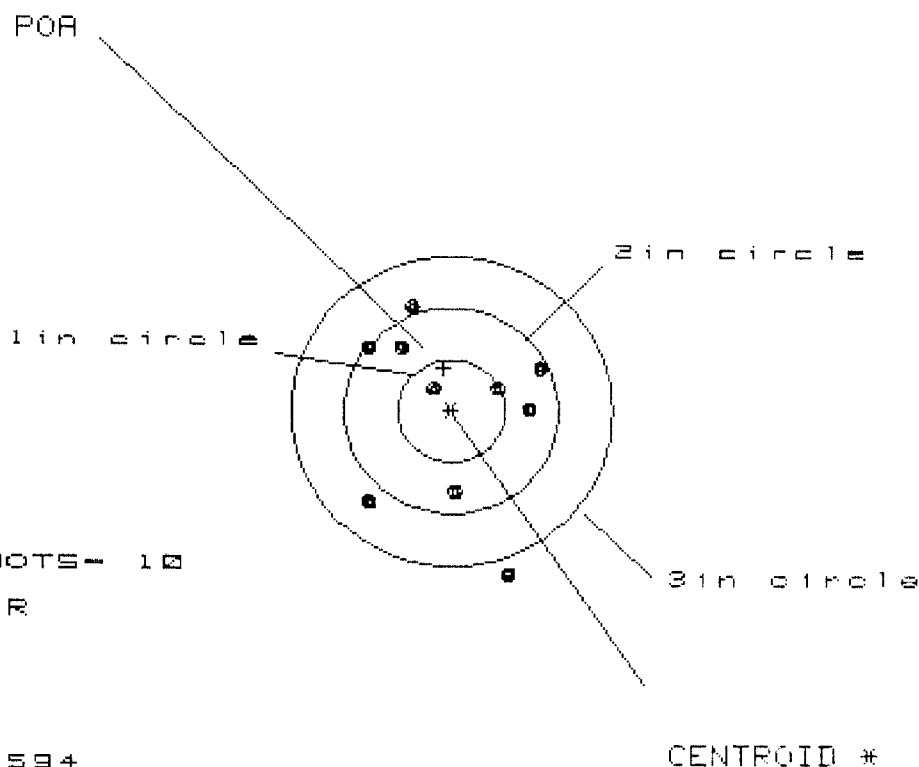
GS= 2.272

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.265	.654	.714
MINIMUM X	:	-1.004	-.863	-.803
MAXIMUM Y	:	1.013	.972	.845
MINIMUM Y	:	-1.019	-1.060	-.939
CENTROID X	:	.165	.024	-.036
CENTROID Y	:	-.110	-.069	-.190
POA TO CENTROID in.	:	.198	.073	.194
MIN RADIUS	:	.530	.587	.479
MEAN RADIUS	:	.853	.796	.748
MAX RADIUS	:	1.319	1.084	.939
HORIZONTAL SPREAD	:	2.269	1.517	1.517
VERTICAL SPREAD	:	2.032	2.032	1.784
EXTREME SPREAD	:	2.272	2.100	1.787
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225521

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.594

VS= 2.647

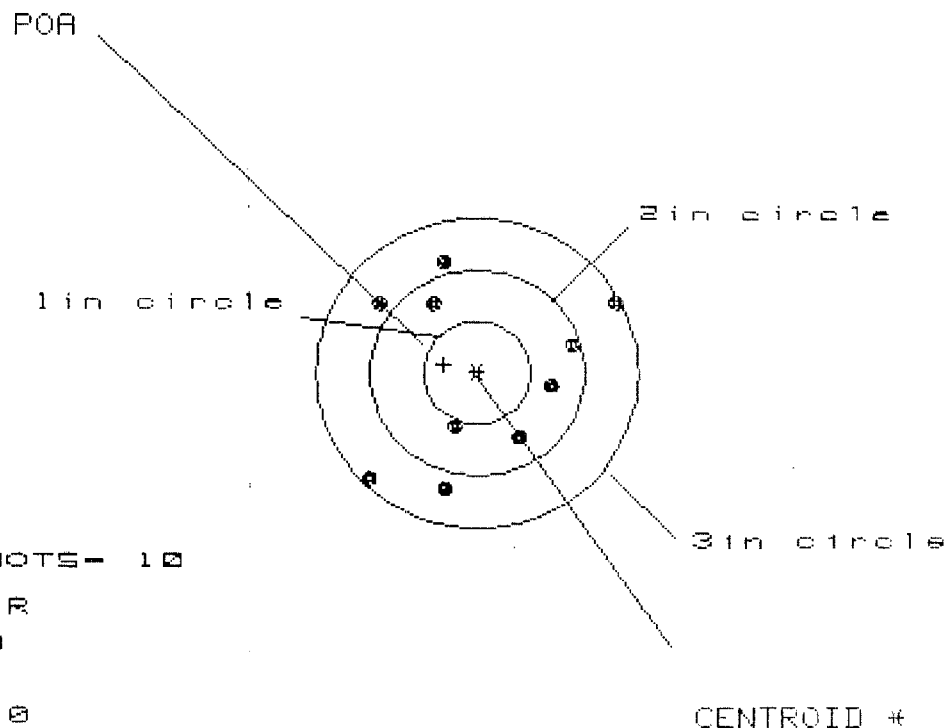
GS= 2.795

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.813	.872	.783
MINIMUM X	:	-.781	-.722	-.810
MAXIMUM Y	:	1.033	.854	.722
MINIMUM Y	:	-1.614	-1.058	-1.052
CENTROID X	:	.071	.012	.101
CENTROID Y	:	-.420	-.241	-.108
POA TO CENTROID in.	:	.426	.241	.148
MIN RADIUS	:	.299	.121	.185
MEAN RADIUS	:	.883	.752	.669
MAX RADIUS	:	1.698	1.271	1.053
HORIZONTAL SPREAD	:	1.594	1.594	1.594
VERTICAL SPREAD	:	2.647	1.912	1.774
EXTREME SPREAD	:	2.795	2.068	1.822
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225521

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 5

3 in - 10

HS- 2.288

VS- 2.275

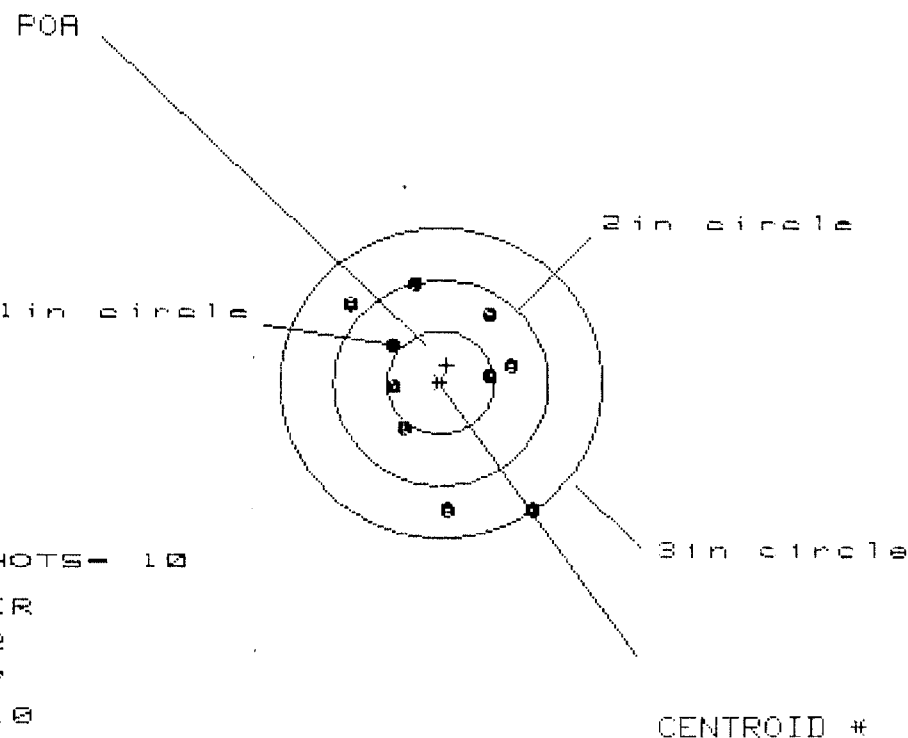
GS- 2.823

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.241	1.125	.874
MINIMUM X	:	-1.047	-1.045	-.905
MAXIMUM Y	:	1.114	1.003	1.072
MINIMUM Y	:	-1.161	-1.272	-1.203
CENTROID X	:	.310	.426	.286
CENTROID Y	:	-.079	.032	-.037
POA TO CENTROID in.	:	.320	.427	.288
MIN RADIUS	:	.554	.662	.582
MEAN RADIUS	:	1.015	.958	.915
MAX RADIUS	:	1.442	1.348	1.241
HORIZONTAL SPREAD	:	2.288	2.170	1.779
VERTICAL SPREAD	:	2.275	2.275	2.275
EXTREME SPREAD	:	2.823	2.408	2.275
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225521

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.700

VS= 2.200

GS= 2.586

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.821	.747	.760
MINIMUM X	:	-.879	-.787	-.774
MAXIMUM Y	:	.944	.811	.637
MINIMUM Y	:	-1.256	-1.389	-.743
CENTROID X	:	-.056	-.148	-.161
CENTROID Y	:	-.169	-.036	.138
POA TO CENTROID in.	:	.178	.152	.212
MIN RADIUS	:	.422	.382	.346
MEAN RADIUS	:	.827	.737	.642
MAX RADIUS	:	1.453	1.393	.899
HORIZONTAL SPREAD	:	1.700	1.534	1.534
VERTICAL SPREAD	:	2.200	2.200	1.380
EXTREME SPREAD	:	2.596	2.217	1.651
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225521
24 Feb 1989

CENTROIDAL DISTANCES

0 TO 1	.226433
1 TO 2	.231294
1 TO 3	.079511
1 TO 4	.383005
1 TO 5	.0696419

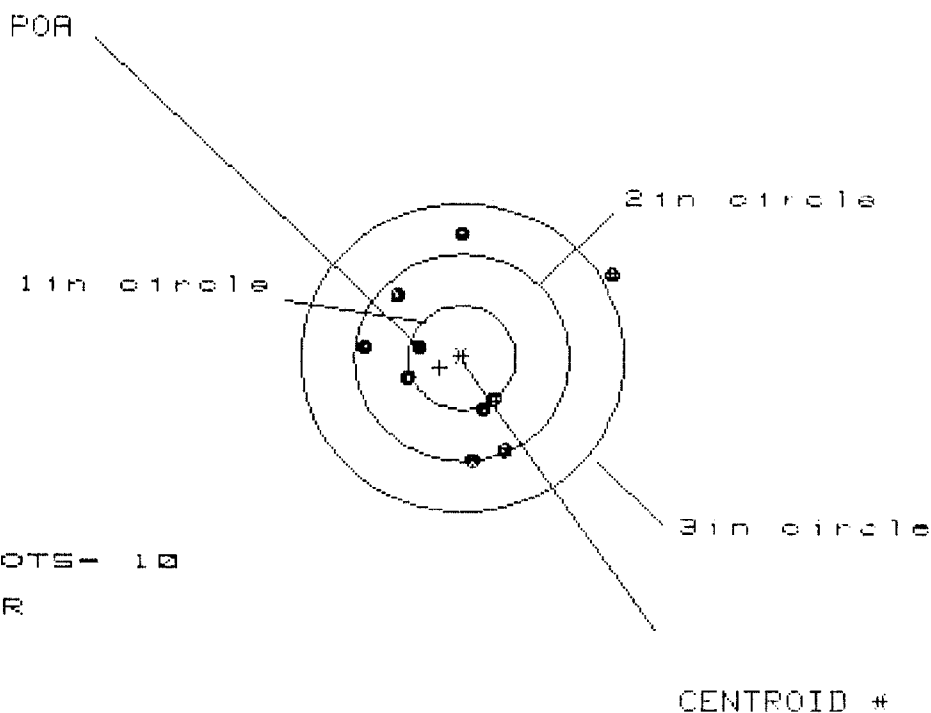
$\bar{x}^4$
48 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1916
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .16
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .249621
THE AMR FOR THIS RIFLE IS: .8226

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225521

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.270

VS= 2.141

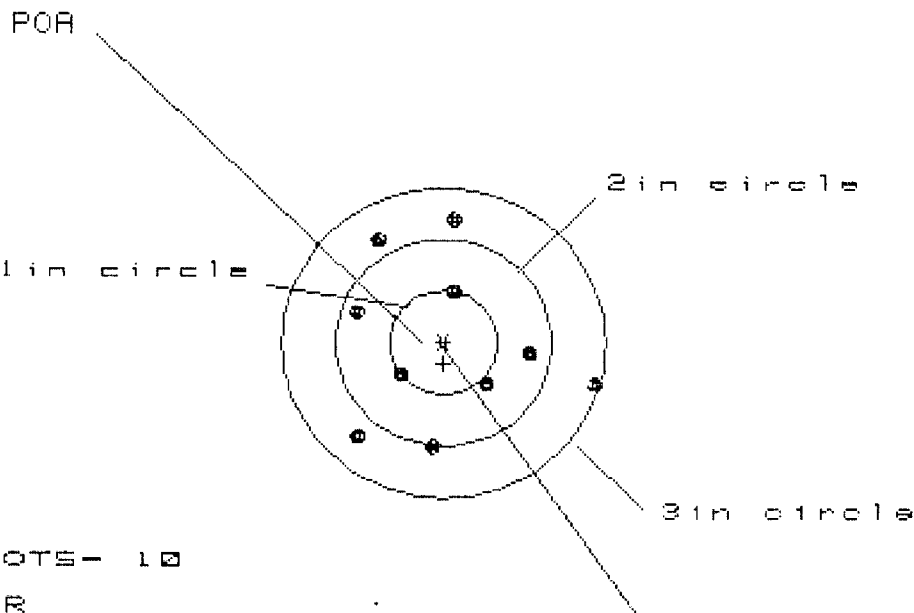
GS= 2.378

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	.582	.599
MINIMUM X	:	-.885	-.731	-.714
MAXIMUM Y	:	1.188	1.281	.855
MINIMUM Y	:	-.953	-.860	-.700
CENTROID X	:	.206	.052	.035
CENTROID Y	:	.094	.001	-.159
POA TO CENTROID in.	:	.227	.052	.163
MIN RADIUS	:	.417	.317	.306
MEAN RADIUS	:	.842	.717	.627
MAX RADIUS	:	1.621	1.289	.967
HORIZONTAL SPREAD	:	2.270	1.313	1.313
VERTICAL SPREAD	:	2.141	2.141	1.555
EXTREME SPREAD	:	2.378	2.144	1.798
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225521

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.167

VS= 2.193

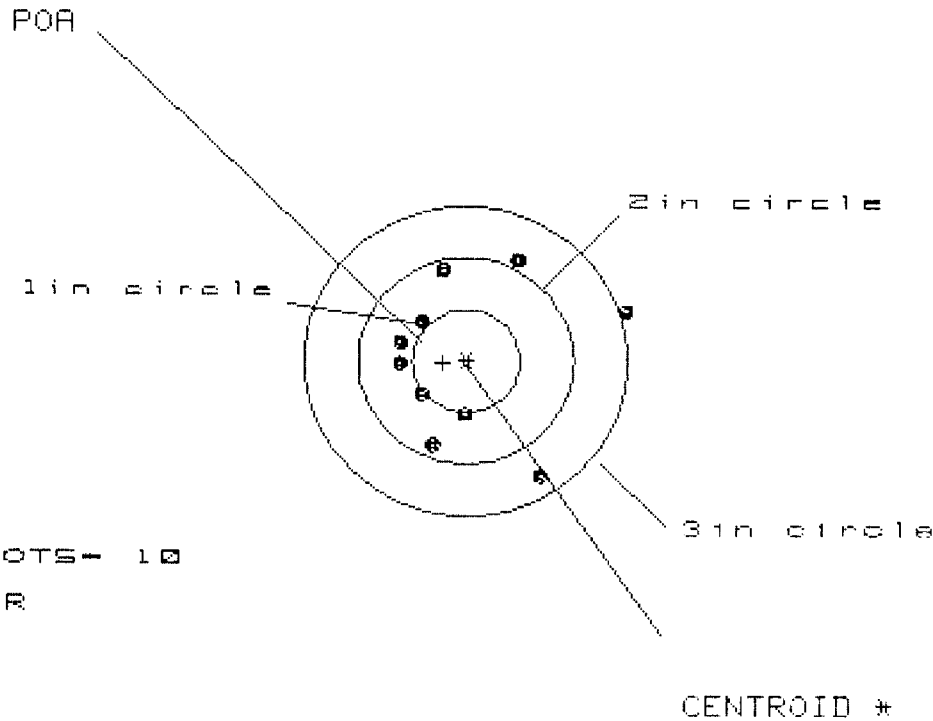
GS= 2.416

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.353	.912	.943
MINIMUM X	:	-.814	-.663	-.632
MAXIMUM Y	:	1.210	1.166	1.131
MINIMUM Y	:	-.983	-1.027	-.882
CENTROID X	:	.002	-.149	-.180
CENTROID Y	:	.203	.247	.102
POA TO CENTROID in.	:	.203	.289	.207
MIN RADIUS	:	.481	.400	.274
MEAN RADIUS	:	.913	.850	.789
MAX RADIUS	:	1.411	1.192	1.204
HORIZONTAL SPREAD	:	2.167	1.575	1.575
VERTICAL SPREAD	:	2.193	2.193	2.013
EXTREME SPREAD	:	2.416	2.265	2.078
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	6		

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225521

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in - 0

2in - 7

3in - 9

HS = 2.0000

VS = 2.132

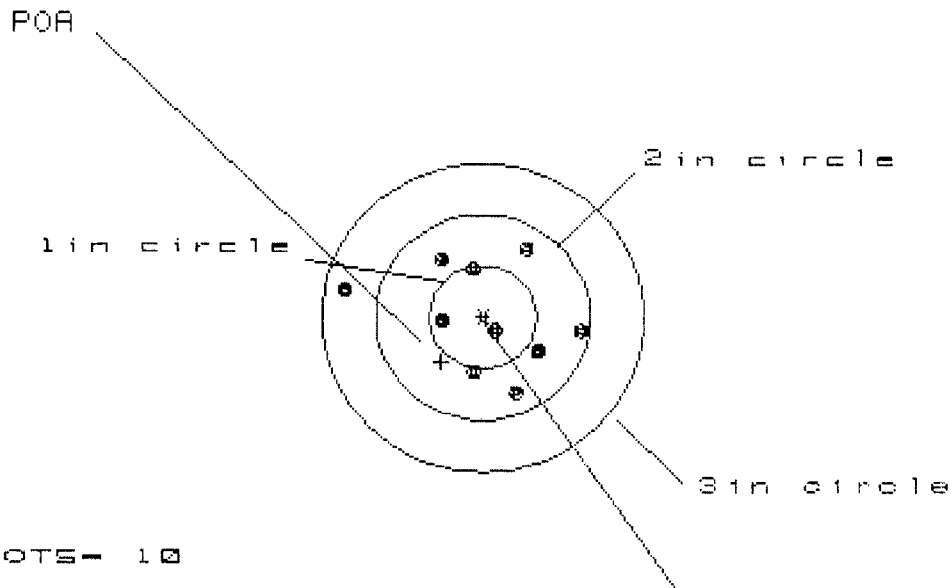
GS = 2.206

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.457	.886	.750
MINIMUM X	:	-.631	-.469	-.358
MAXIMUM Y	:	1.000	1.051	.916
MINIMUM Y	:	-1.132	-1.081	-.854
CENTROID X	:	.215	.053	-.058
CENTROID Y	:	.015	-.035	.100
POA TO CENTROID in.	:	.216	.064	.115
MIN RADIUS	:	.514	.392	.282
MEAN RADIUS	:	.850	.723	.607
MAX RADIUS	:	1.527	1.397	1.184
HORIZONTAL SPREAD	:	2.088	1.355	1.108
VERTICAL SPREAD	:	2.132	2.132	1.770
EXTREME SPREAD	:	2.206	2.206	1.949
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225521

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 9

3 in = 10

HS- 2.217

VS= 1.365

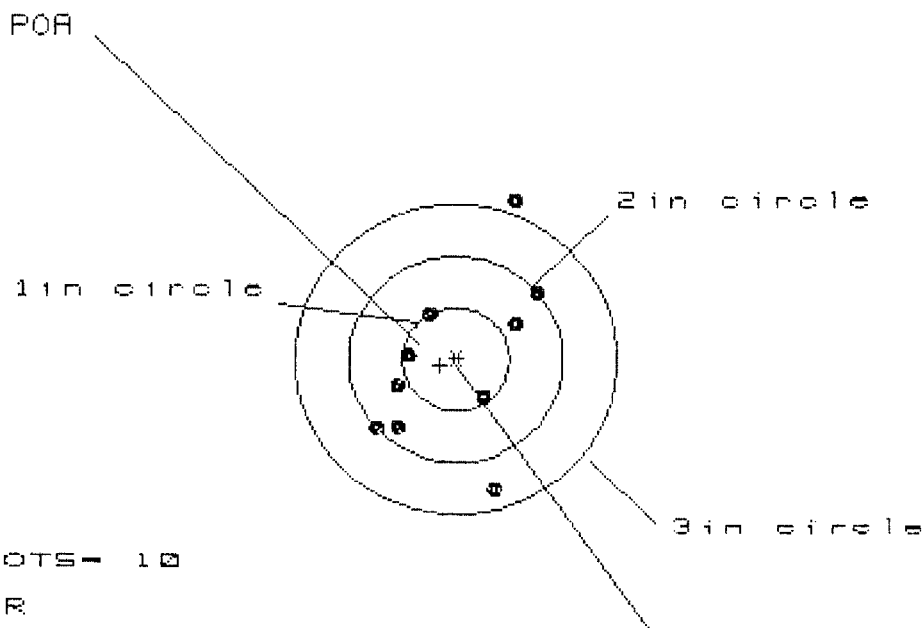
GS= 2.259

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.916	.772	.504
MINIMUM X	:	-1.301	-.565	-.469
MAXIMUM Y	:	.647	.678	.662
MINIMUM Y	:	-.718	-.687	-.703
CENTROID X	:	.388	.532	.436
CENTROID Y	:	.431	.400	.416
POA TO CENTROID in.	:	.579	.666	.602
MIN RADIUS	:	.184	.128	.148
MEAN RADIUS	:	.664	.579	.545
MAX RADIUS	:	1.330	.792	.755
HORIZONTAL SPREAD	:	2.217	1.337	.973
VERTICAL SPREAD	:	1.365	1.365	1.365
EXTREME SPREAD	:	2.259	1.500	1.436
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225521

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in - 2

2in - 7

3in - 9

HS - 1.550

VS - 2.798

GS - 2.807

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.801	.861	.907
MINIMUM X	-.749	-.689	-.643
MAXIMUM Y	1.576	.812	.681
MINIMUM Y	-1.222	-1.047	-.639
CENTROID X	.147	.087	.041
CENTROID Y	.057	-.118	.013
POA TO CENTROID in.	.158	.147	.043
MIN RADIUS	.427	.377	.374
MEAN RADIUS	.844	.732	.671
MAX RADIUS	1.665	1.183	1.134
HORIZONTAL SPREAD	1.550	1.550	1.550
VERTICAL SPREAD	2.798	1.859	1.320
EXTREME SPREAD	2.807	1.987	1.987
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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: RE00153045

Serial: C6225521 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/21/1989

Repairman:

Verify Repair

Status:

Closed 10/9/2008 10:13:41 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: GSC 7TH SFG

GSC 7TH SFG

Address 1: BLDG E-3928 77TH SFWAY

BLDG E-3928 77TH SFWAY

Address 2: PO Box:

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
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

10/14/2008

9:46 AM

CAPS

NUM

INS

SCRL



Serial Number: C6225521

Model: M24 SWS



RE00153045

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

R & E NUMBER 153045
SERIAL NUMBER C6225521
LOG-IN DATE 10-9-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-17-08	RTZ
505	RE-BARREL	10-21-08	RTZ
560	ASSEMBLE	10-21-08	RTZ
600	PROOF	10-21-08	SPD
605	CHECK HEADSPACE	10-21-08	SPD
610	DIS-ASSEMBLE GUN	10-21-08	SPD
612	MAGNAFLUX	10-21-08	SPD
510	DRILL AND TAP	10-22-08	SP
615	ROLLMARK CALIBER	10-24-08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-29	
625	FINAL ASSEMBLY	11-3-08	RTZ
640	FUNCTION TEST AND	PASS FAIL 11-4-08	TC
650	TARGET	PASS FAIL 11-4-08	TC
	MALFUNCTION <u>Box</u>	CORRECTION	11-4-08 TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	11-4-08 TC
670	FINAL INSPECTION	PASS FAIL 11-5-08	SPD
	A) HEADSPACE		11-5-08 SPD
	B) TRIGGER PULL	2.42 2.59 2.50 2.46 2.40	11-4-08 TC
680	F) SAFETY ON FORCE	4.0 4.0 4.0	11-5-08 SPD
	G) SAFETY OFF FORCE	5.0 5.0 5.0	11-5-08 SPD
	I) FIRING PIN INDENT	.022 .022 .022	11-5-08 SPD
690	PACK		11/7/08 FM

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE

10-15-08

TESTER

TAC

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	210	220		226	
PULL #2	212	243		210	
PULL #3	237	238		215	
PULL #4	241	230		215	
PULL #5	238	230		208	
TOTAL	1138	1161		1940	
AVERAGE	227	232		214	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	335	313		
PULL #2	352	360		
PULL #3	357	326		
PULL #4	344	302		
PULL #5	354	309		
TOTAL	1742	1610		
AVERAGE	348	322		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	432	441		434
PULL #2	428	412		434
PULL #3	410	427		421
PULL #4	428	438		422
PULL #5	441	419		411
TOTAL	2139	2137		2122
AVERAGE	427	427		424

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225521.___0

FILE DATE AND TIME: 11/04/2008 16:09

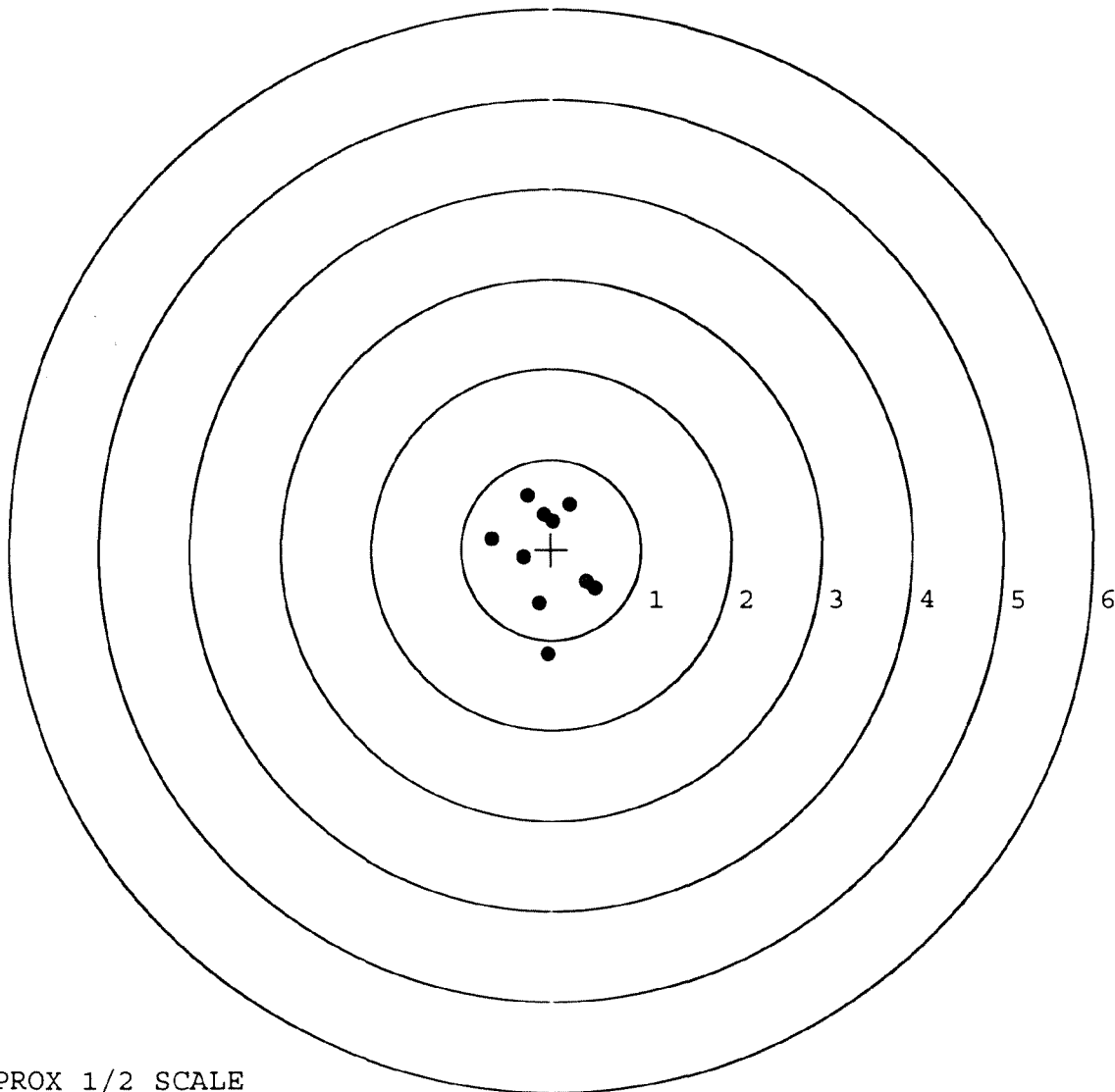
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.020
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.595
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.084
The Distance from Centroid Target #3 to Centroid Target #1:	0.081
The Distance from Centroid Target #4 to Centroid Target #1:	0.099
The Distance from Centroid Target #5 to Centroid Target #1:	0.143

SERIAL NUMBER: C6225521. __0
TARGET NUMBER: 1
FILE DATE: 11/04/2008
FILE TIME: 16:09

X CENTROID: -0.043
Y CENTROID: -0.070
POA TO CENTROID: 0.082
HORZ SPREAD: 1.159
VERT SPREAD: 1.768
GROUP SPREAD: 1.782
MIN RADIUS: 0.265
MAX RADIUS: 1.095
MEAN RADIUS: 0.590
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.045	-1.165
2:	-0.137	-0.595
3:	0.488	-0.432
4:	0.388	-0.357
5:	-0.307	-0.091
6:	-0.671	0.119
7:	-0.271	0.603
8:	0.204	0.503
9:	-0.092	0.392
10:	0.018	0.318



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225521. __0

TARGET NUMBER: 2

FILE DATE: 11/04/2008

FILE TIME: 16:09

POINT#	X	Y
1:	-0.354	1.093
2:	0.070	-1.108
3:	-0.493	-0.725
4:	-0.793	-0.555
5:	0.256	-0.378
6:	0.058	-0.247
7:	-0.069	0.011
8:	-0.082	0.227
9:	0.034	0.330
10:	0.206	0.258

X CENTROID: -0.117

Y CENTROID: -0.109

POA TO CENTROID: 0.160

HORZ SPREAD: 1.049

VERT SPREAD: 2.201

GROUP SPREAD: 2.241

MIN RADIUS: 0.130

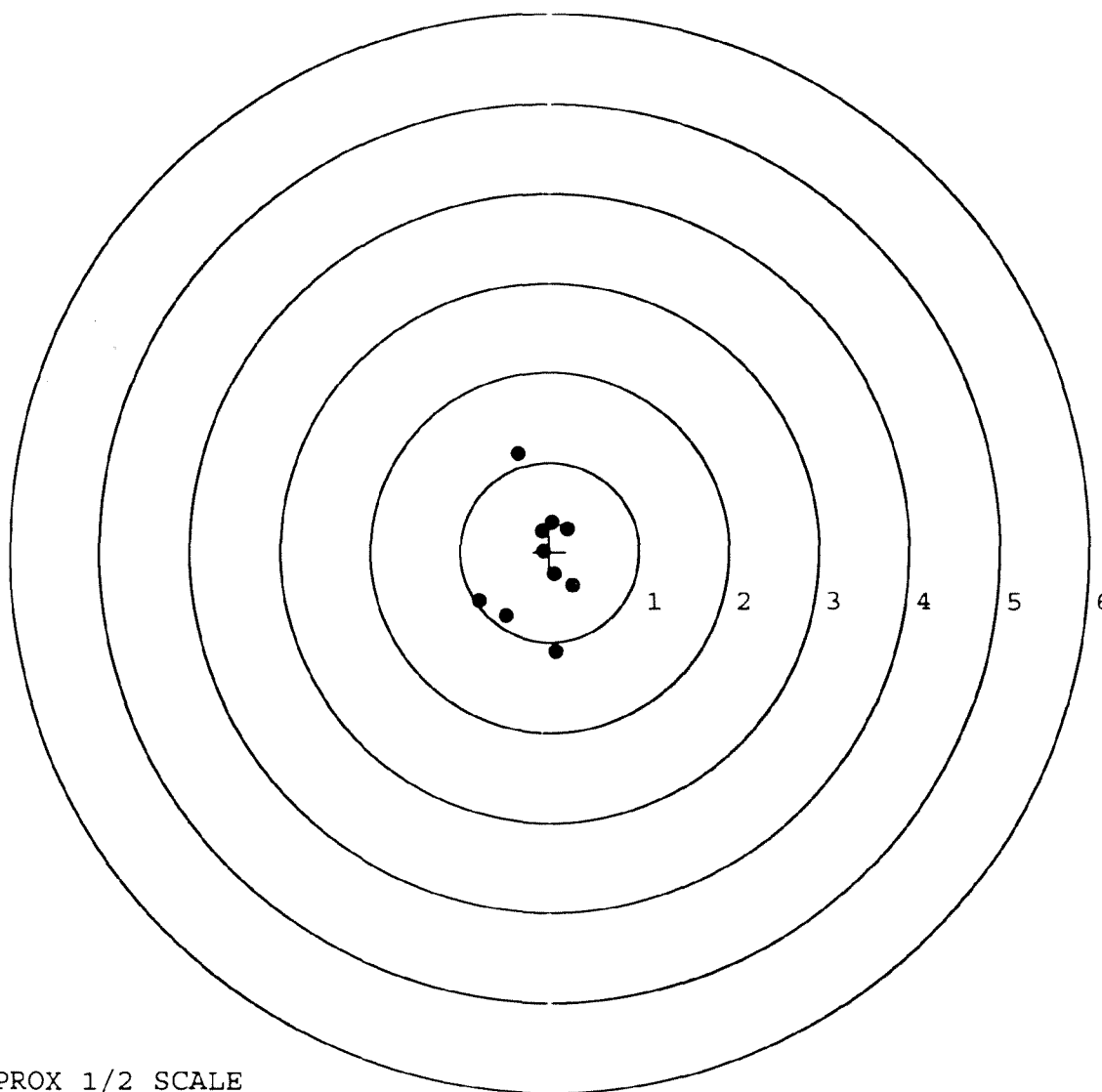
MAX RADIUS: 1.226

MEAN RADIUS: 0.588

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

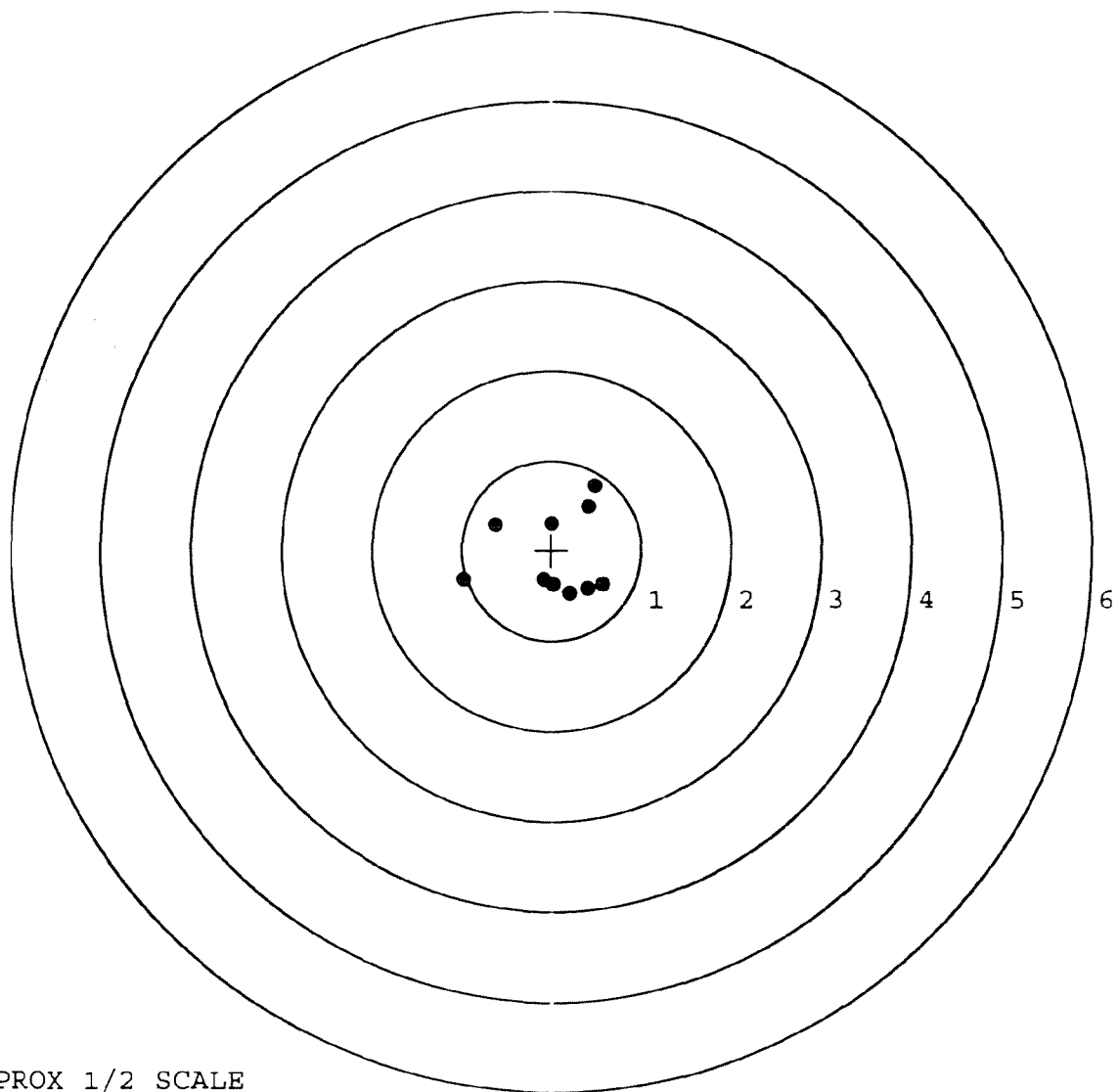


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225521. 0
TARGET NUMBER: 3
FILE DATE: 11/04/2008
FILE TIME: 16:09

POINT#	X	Y
1:	0.481	0.719
2:	0.413	0.482
3:	-0.005	0.298
4:	-0.633	0.277
5:	0.567	-0.382
6:	-0.986	-0.335
7:	-0.089	-0.330
8:	0.026	-0.382
9:	0.202	-0.485
10:	0.402	-0.428

X CENTROID: 0.038
Y CENTROID: -0.057
POA TO CENTROID: 0.068
HORZ SPREAD: 1.553
VERT SPREAD: 1.204
GROUP SPREAD: 1.806
MIN RADIUS: 0.301
MAX RADIUS: 1.061
MEAN RADIUS: 0.594
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225521. 0

TARGET NUMBER: 4

FILE DATE: 11/04/2008

FILE TIME: 16:09

POINT#	X	Y
1:	0.454	0.498
2:	-0.818	0.226
3:	0.066	0.324
4:	-0.113	0.313
5:	0.709	0.029
6:	0.538	-0.240
7:	-0.620	-0.380
8:	-0.490	-0.429
9:	0.708	-0.462
10:	0.013	-0.112

X CENTROID: 0.045

Y CENTROID: -0.023

POA TO CENTROID: 0.050

HORZ SPREAD: 1.527

VERT SPREAD: 0.960

GROUP SPREAD: 1.674

MIN RADIUS: 0.094

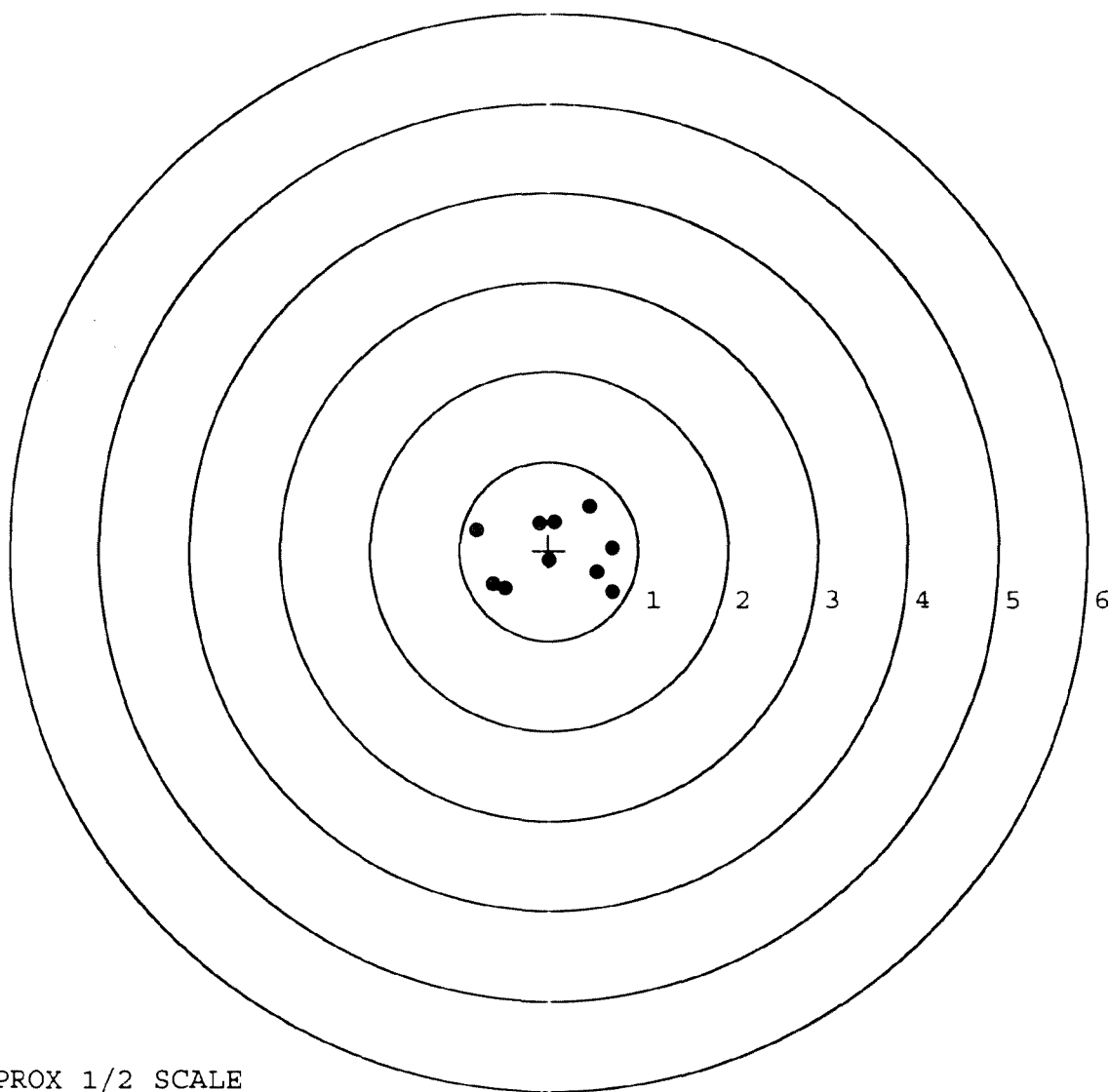
MAX RADIUS: 0.898

MEAN RADIUS: 0.580

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225521. 0

TARGET NUMBER: 5

FILE DATE: 11/04/2008

FILE TIME: 16:09

POINT#	X	Y
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1:	0.927	1.157
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2:	-0.206	-1.166
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3:	0.393	0.517
----	-------	-------

4:	0.285	0.706
----	-------	-------

5:	-0.716	0.232
----	--------	-------

6:	-0.452	-0.209
----	--------	--------

7:	-0.284	-0.374
----	--------	--------

8:	-0.107	0.028
----	--------	-------

9:	0.059	-0.060
----	-------	--------

10:	-0.146	-0.116
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X CENTROID: -0.025

Y CENTROID: 0.072

POA TO CENTROID: 0.076

HORZ SPREAD: 1.643

VERT SPREAD: 2.323

GROUP SPREAD: 2.585

MIN RADIUS: 0.093

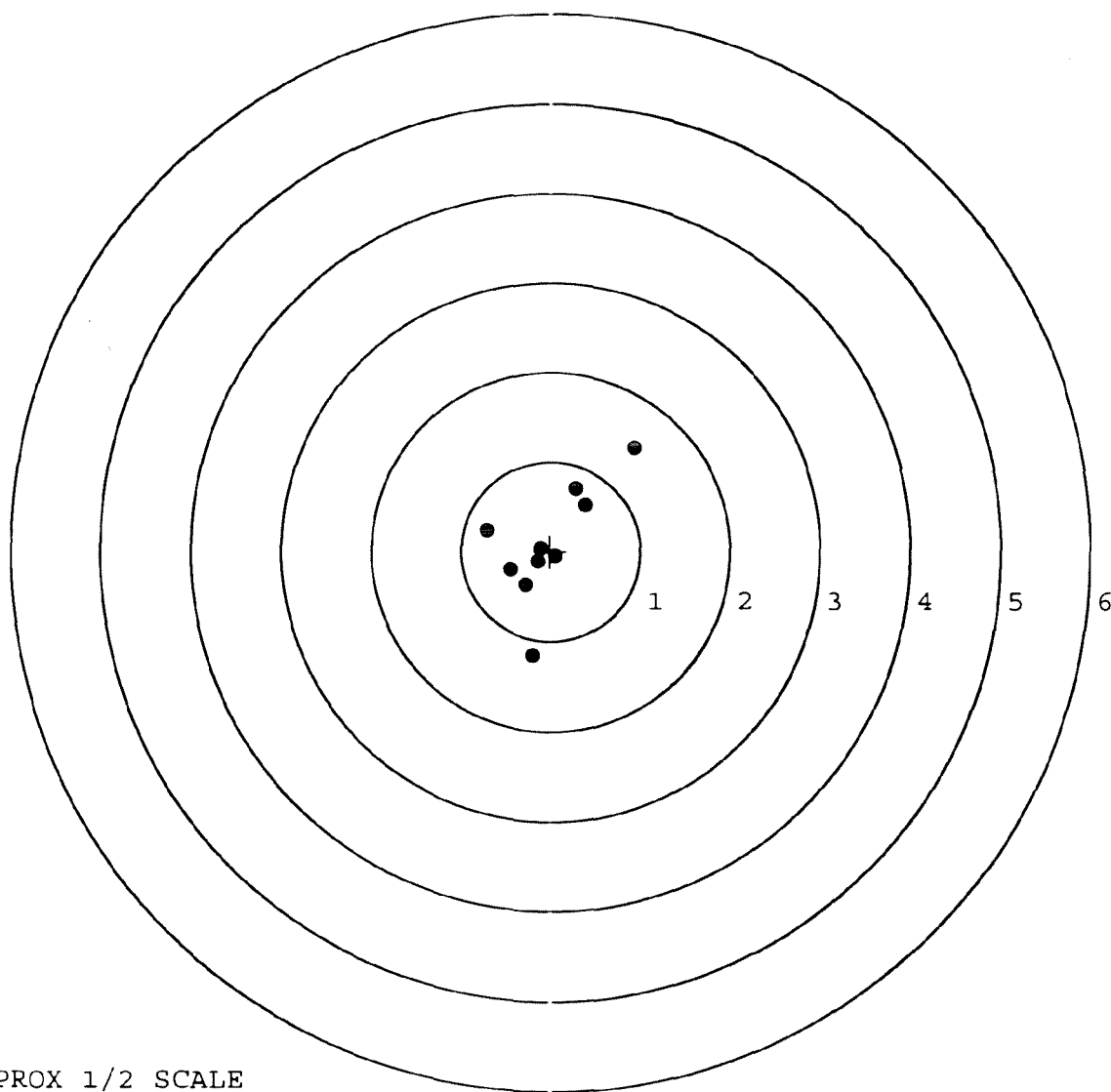
MAX RADIUS: 1.444

MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE