

C6225542

MODEL 700TM M24

Model SMSTM

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: RE00146506

Serial: C6225542 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/17/2008 9:50:30 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT

DEF DIST DEPOT

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201

Country: US

State: AL

Zip Code: 36201

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

Repair Search

Refresh

Close

naglej

6/17/2008

10:47 AM

CAPS

NUM

INS

SCRL

start

10 M

My ...

4 M

Par...

Ar...

Cre...

My...

10:47 AM

Number: C6225542

Model: M24 SWS



RE00146506

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225542.___0
FILE DATE AND TIME: 09/30/2009 07:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.034
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.699
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.225
The Distance from Centroid Target #3 to Centroid Target #1:	0.361
The Distance from Centroid Target #4 to Centroid Target #1:	0.268
The Distance from Centroid Target #5 to Centroid Target #1:	0.107

SERIAL NUMBER: C6225542. 0

TARGET NUMBER: 1

FILE DATE: 09/30/2009

FILE TIME: 07:12

POINT#	X	Y
1:	0.888	-1.984
2:	-0.043	-1.222
3:	-0.646	0.333
4:	-0.081	0.878
5:	-0.213	0.700
6:	-0.217	0.396
7:	0.381	0.542
8:	0.321	0.370
9:	0.261	0.174
10:	0.147	0.283

X CENTROID: 0.080

Y CENTROID: 0.047

POA TO CENTROID: 0.093

HORZ SPREAD: 1.534

VERT SPREAD: 2.862

GROUP SPREAD: 3.022

MIN RADIUS: 0.221

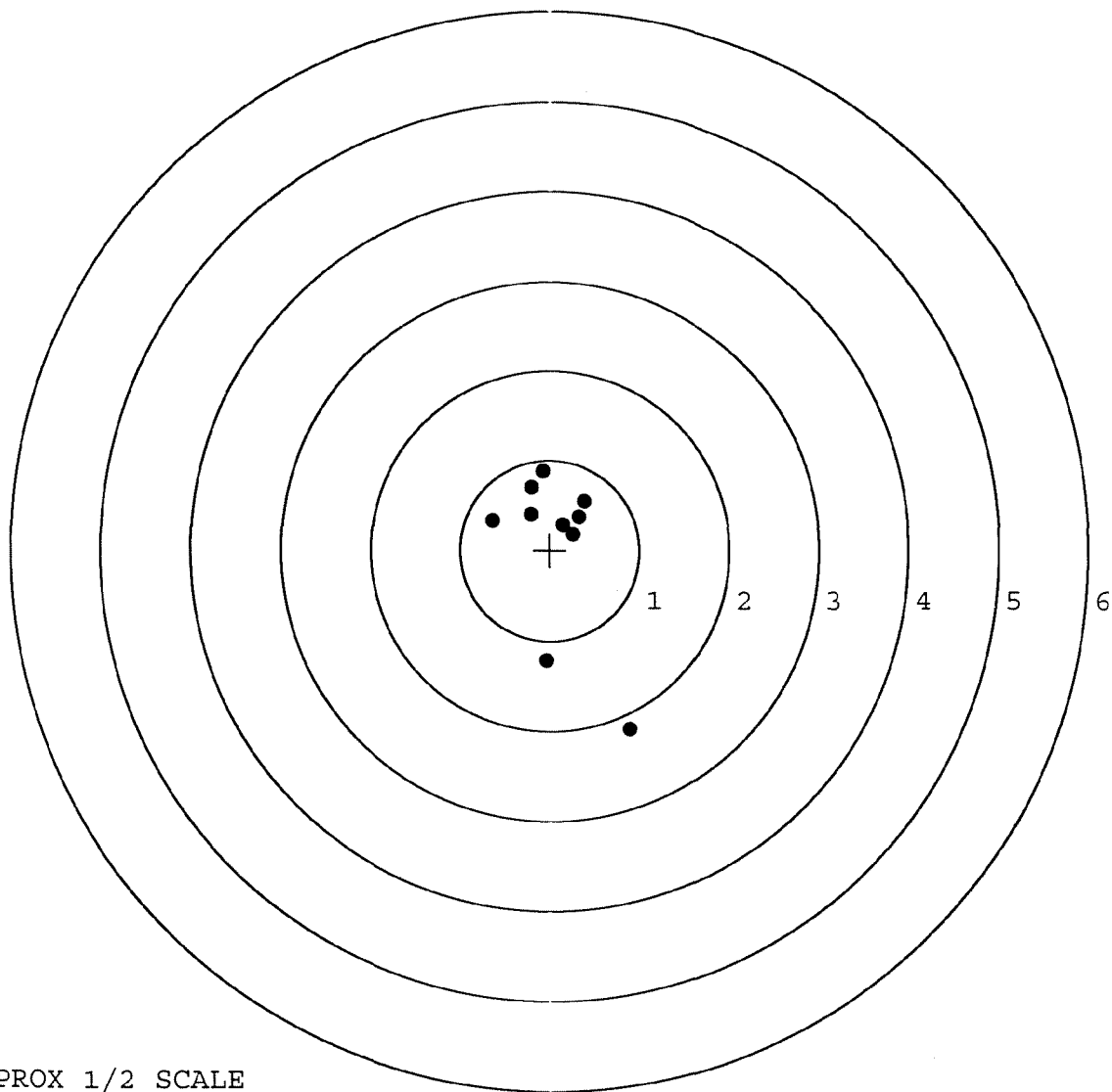
MAX RADIUS: 2.186

MEAN RADIUS: 0.771

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

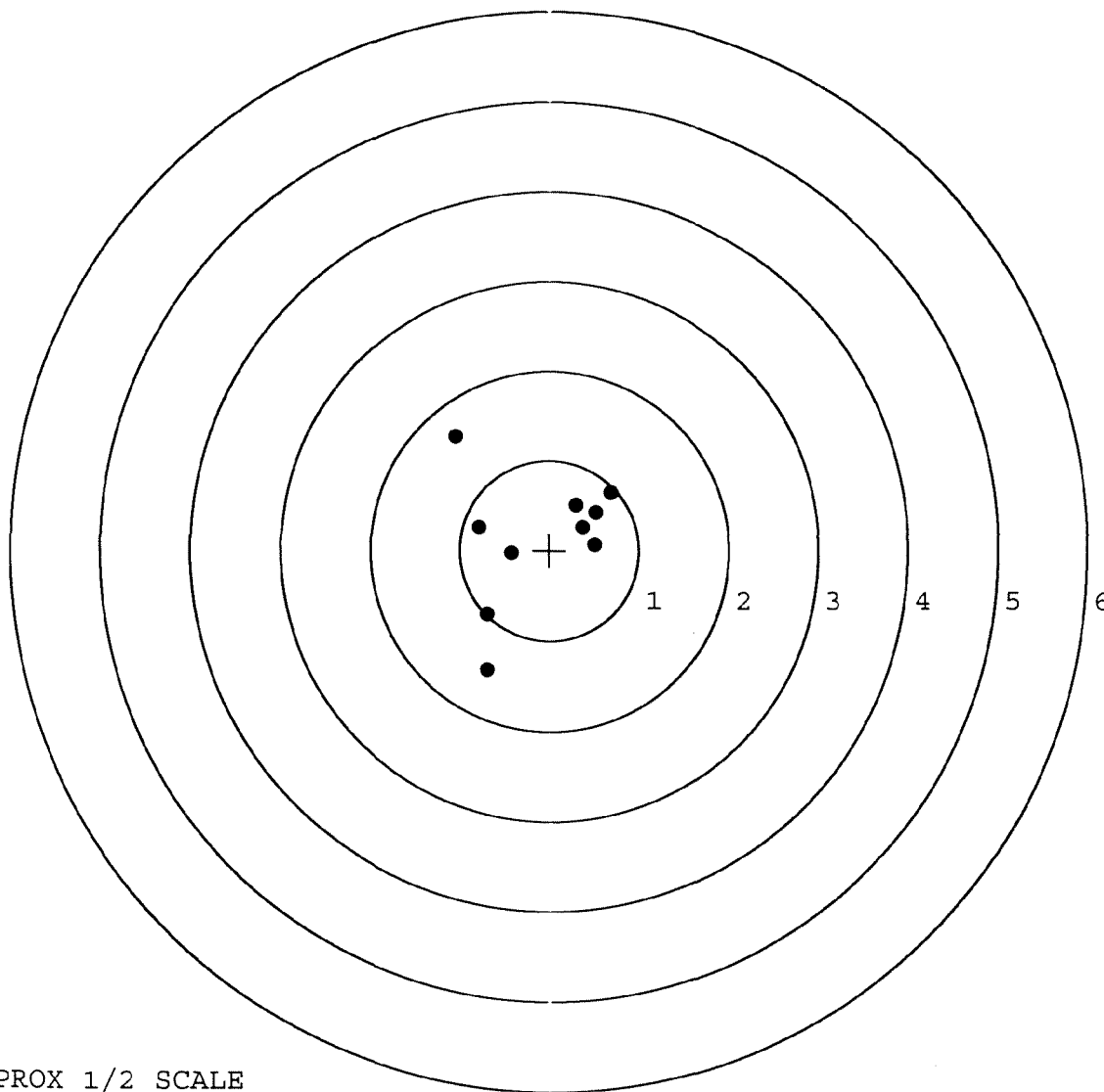


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542. __0
TARGET NUMBER: 2
FILE DATE: 09/30/2009
FILE TIME: 07:12

X CENTROID: -0.127
Y CENTROID: 0.136
POA TO CENTROID: 0.186
HORZ SPREAD: 1.737
VERT SPREAD: 2.594
GROUP SPREAD: 2.618
MIN RADIUS: 0.341
MAX RADIUS: 1.565
MEAN RADIUS: 0.844
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.698	-1.321
2:	-0.694	-0.710
3:	-0.790	0.259
4:	-1.049	1.273
5:	-0.420	-0.038
6:	0.688	0.643
7:	0.514	0.425
8:	0.300	0.501
9:	0.371	0.258
10:	0.508	0.066



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542. __0

TARGET NUMBER: 3

FILE DATE: 09/30/2009

FILE TIME: 07:12

POINT#	X	Y
1:	-0.716	-1.390
2:	1.239	0.343
3:	0.002	0.914
4:	-0.733	0.553
5:	0.432	-0.229
6:	-0.566	-0.126
7:	-0.364	-0.572
8:	-0.450	-0.714
9:	-0.152	-0.681
10:	-0.018	-0.551

X CENTROID: -0.133

Y CENTROID: -0.245

POA TO CENTROID: 0.279

HORZ SPREAD: 1.972

VERT SPREAD: 2.304

GROUP SPREAD: 2.613

MIN RADIUS: 0.326

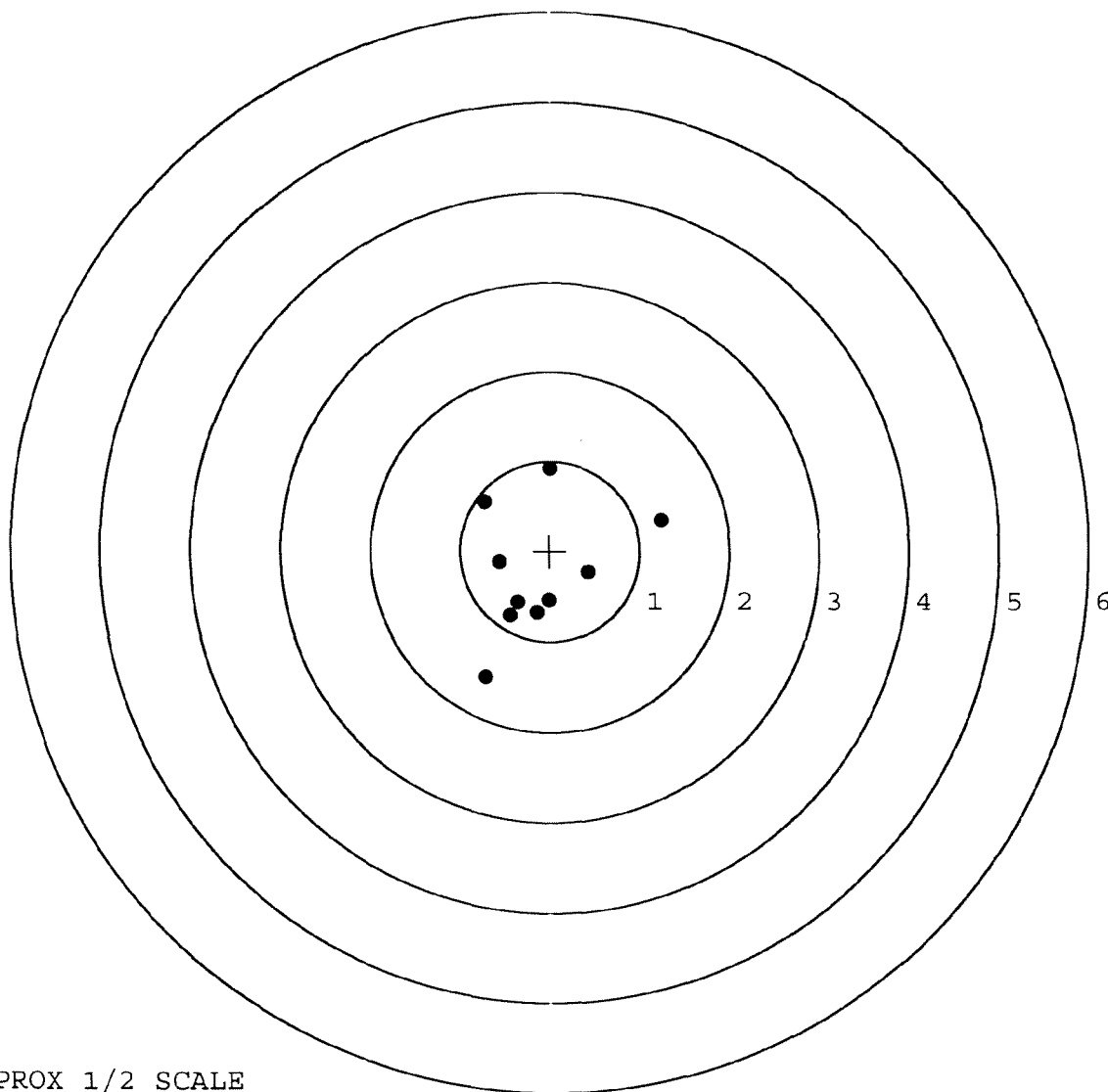
MAX RADIUS: 1.492

MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

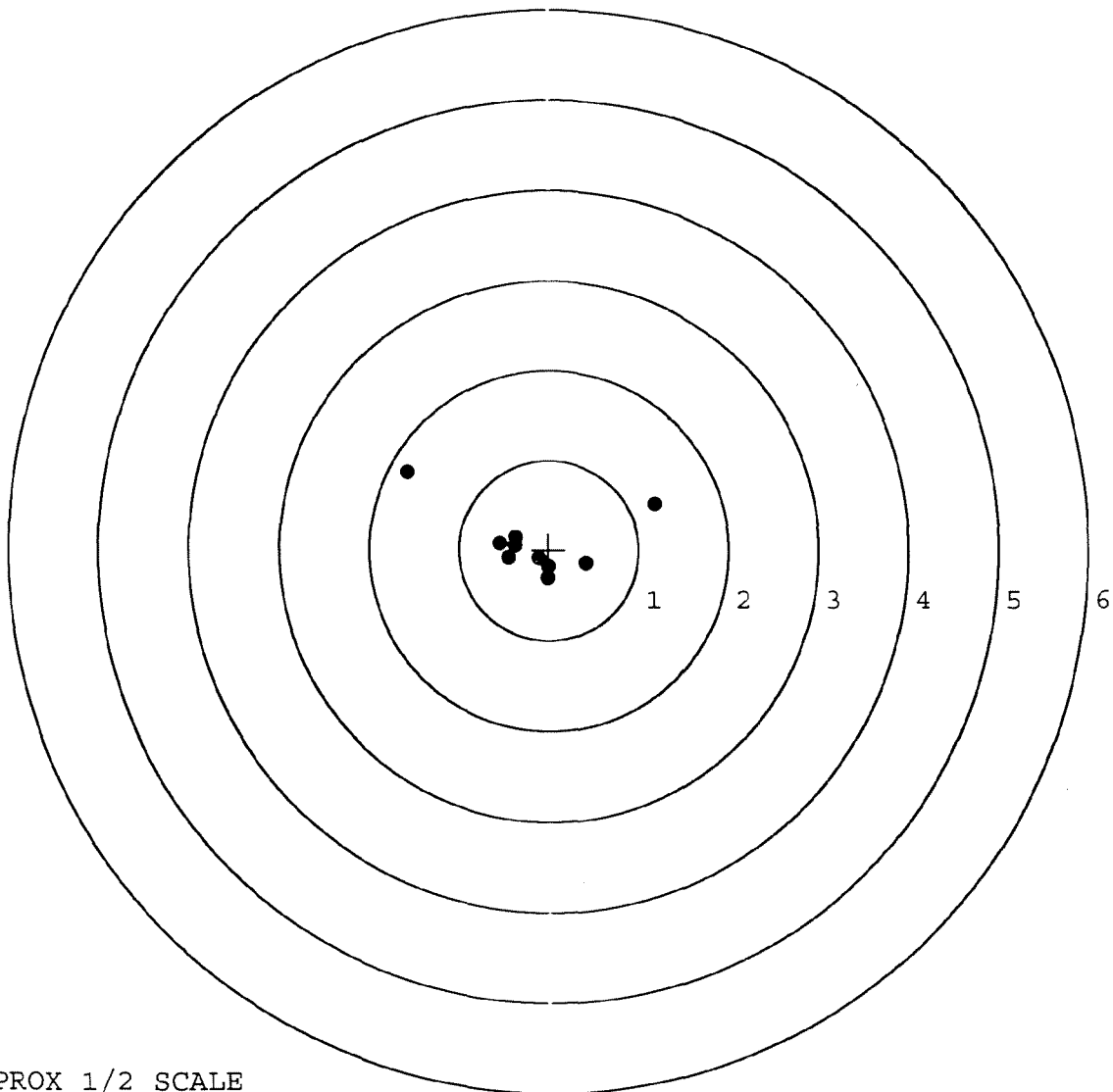


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542. __0
TARGET NUMBER: 4
FILE DATE: 09/30/2009
FILE TIME: 07:12

X CENTROID: -0.186
Y CENTROID: 0.082
POA TO CENTROID: 0.203
HORZ SPREAD: 2.757
VERT SPREAD: 1.189
GROUP SPREAD: 2.780
MIN RADIUS: 0.192
MAX RADIUS: 1.603
MEAN RADIUS: 0.569
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.580	0.873
2:	1.177	0.519
3:	0.418	-0.153
4:	-0.372	0.146
5:	-0.541	0.076
6:	-0.450	-0.090
7:	-0.376	0.051
8:	-0.108	-0.098
9:	-0.012	-0.191
10:	-0.018	-0.316



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542. __0

TARGET NUMBER: 5

FILE DATE: 09/30/2009

FILE TIME: 07:12

X CENTROID: 0.095

Y CENTROID: 0.152

POA TO CENTROID: 0.180

HORZ SPREAD: 1.702

VERT SPREAD: 1.189

GROUP SPREAD: 1.747

MIN RADIUS: 0.082

MAX RADIUS: 1.041

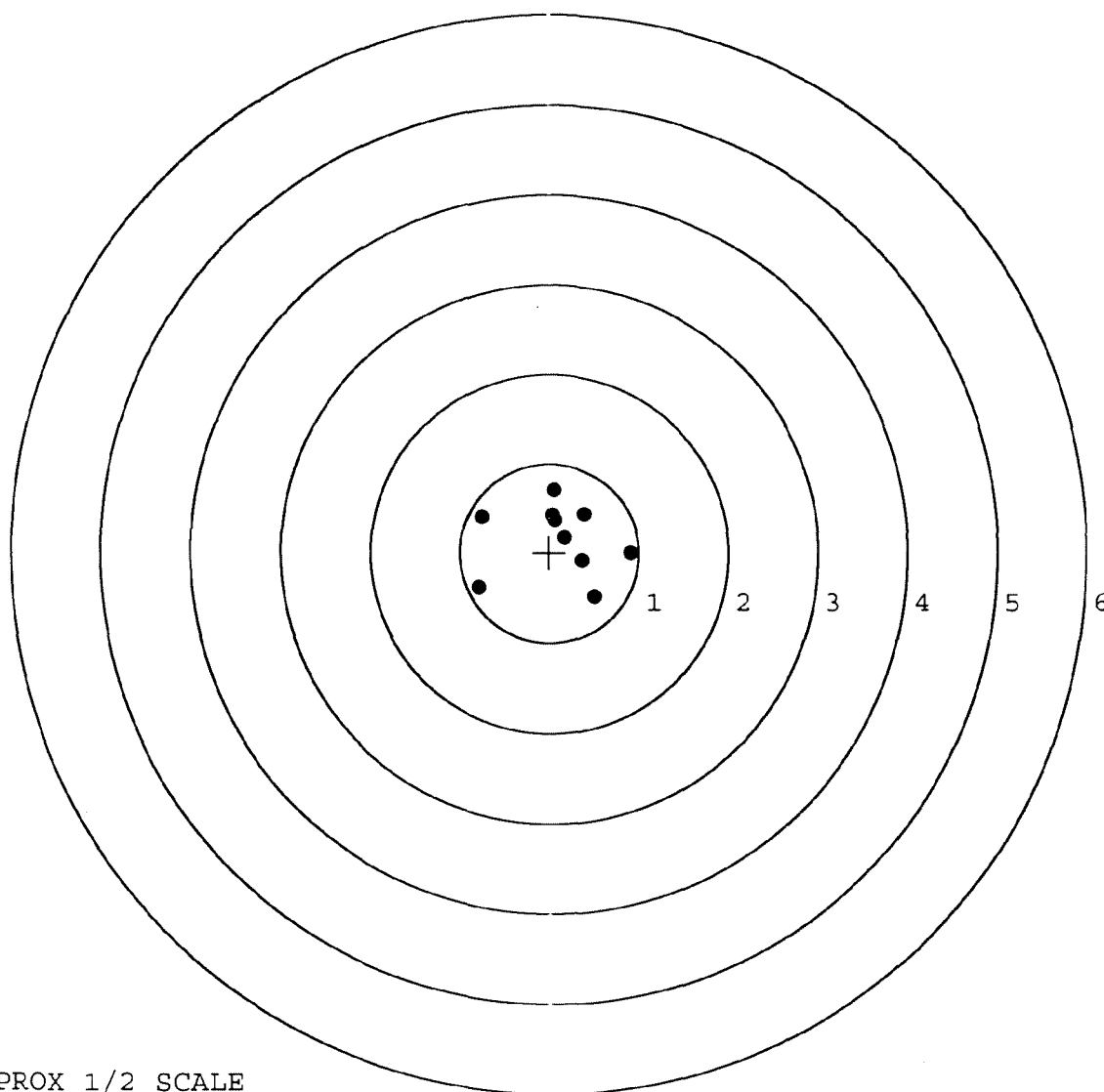
MEAN RADIUS: 0.542

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.758	0.402
2:	-0.791	-0.393
3:	0.504	-0.488
4:	0.911	0.002
5:	0.390	0.438
6:	0.368	-0.093
7:	0.062	0.364
8:	0.055	0.701
9:	0.039	0.420
10:	0.175	0.171



TARGET APPROX 1/2 SCALE

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER 146506
SERIAL NUMBER C0225342
LOG-IN DATE 6-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-8-09	RTZ
505	RE-BARREL	9-11-09	RTZ
420	ASSEMBLE	9-11-09	RTZ
440	PROOF	9-11-09	SPD
460	CHECK HEADSPACE	9-11-09	SPD
470	DIS-ASSEMBLE GUN	9-11-09	SPD
480	MAGNAFLUX	9-17-09	Ⓟ
510	DRILL AND TAP	9-17-09	SP
500	ROLLMARK CALIBER	9-17-09	SP
520	GOFF BLAST BBL / REC	9-17-09	SP
530 & 540	APPLY COATINGS	9-18-09	—
560	FINAL ASSEMBLY	9-29-09	RTZ
640	FUNCTION TEST AND	9-29-09	RP
650	TARGET	9-29-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION A) HEADSPACE	9-30-09	SP
	B) TRIGGER PULL	2.43 2.33 2.31 2.31 2.28 9-30-09	TL
680	F) SAFETY ON FORCE	3° 3° 3°	
	G) SAFETY OFF FORCE	5° 5° 5°	
	I) FIRING PIN INDENT	.020 .021 .021	
	PACK	10/9/09	Fm

F006 REV 1/2009

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: **RE00092671** Serial: C6225542 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/8/2005 7:41:43 AM

Verify Repair

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search Refresh Close

nagletj 2/8/2005 9:43 AM CAPS NUM INS SCPL

start 3 4

Serial Number: **C6225542**

Model: **M24 SWS**



RE00092671

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225542.___0
FILE DATE AND TIME: 03/09/2005 07:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.879
The Distance from POA to Centroid Target #1:	0.325
The Distance from Centroid Target #2 to Centroid Target #1:	0.412
The Distance from Centroid Target #3 to Centroid Target #1:	0.198
The Distance from Centroid Target #4 to Centroid Target #1:	0.173
The Distance from Centroid Target #5 to Centroid Target #1:	0.448

SERIAL NUMBER: C6225542. 0

TARGET NUMBER: 1

FILE DATE: 03/09/2005

FILE TIME: 07:35

POINT#	X	Y
1:	0.781	0.421
2:	0.626	0.808
3:	0.360	0.955
4:	-1.186	0.945
5:	-1.331	1.284
6:	-0.778	-0.359
7:	-0.601	-0.046
8:	-0.373	-0.425
9:	-0.177	-0.359
10:	-0.251	-1.808

X CENTROID: -0.293

Y CENTROID: 0.142

POA TO CENTROID: 0.325

HORZ SPREAD: 2.112

VERT SPREAD: 3.092

GROUP SPREAD: 3.275

MIN RADIUS: 0.361

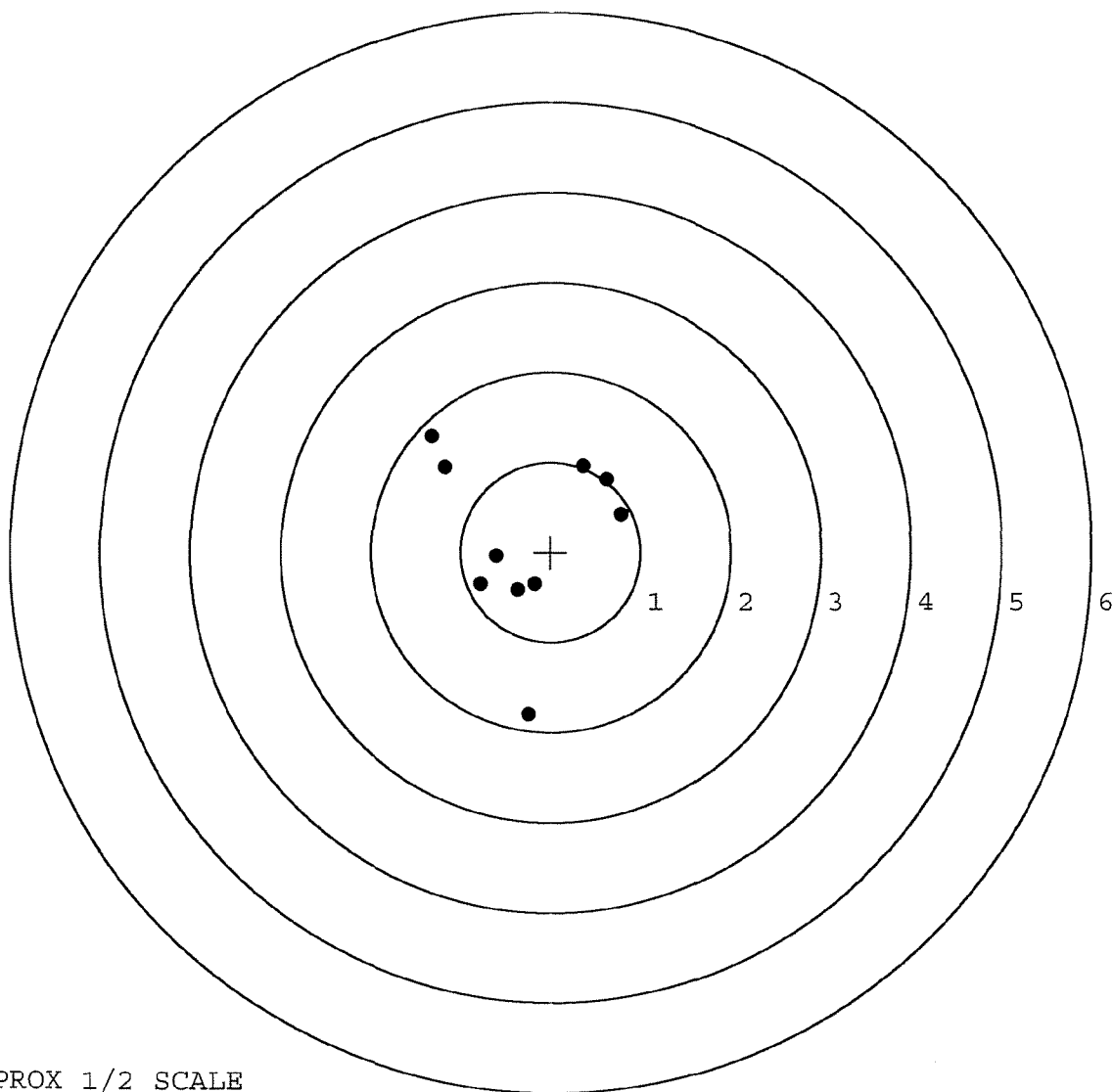
MAX RADIUS: 1.950

MEAN RADIUS: 1.013

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542.___0

TARGET NUMBER: 2

FILE DATE: 03/09/2005

FILE TIME: 07:35

X CENTROID: 0.111

Y CENTROID: 0.061

POA TO CENTROID: 0.127

HORZ SPREAD: 1.750

VERT SPREAD: 2.257

GROUP SPREAD: 2.514

MIN RADIUS: 0.343

MAX RADIUS: 1.506

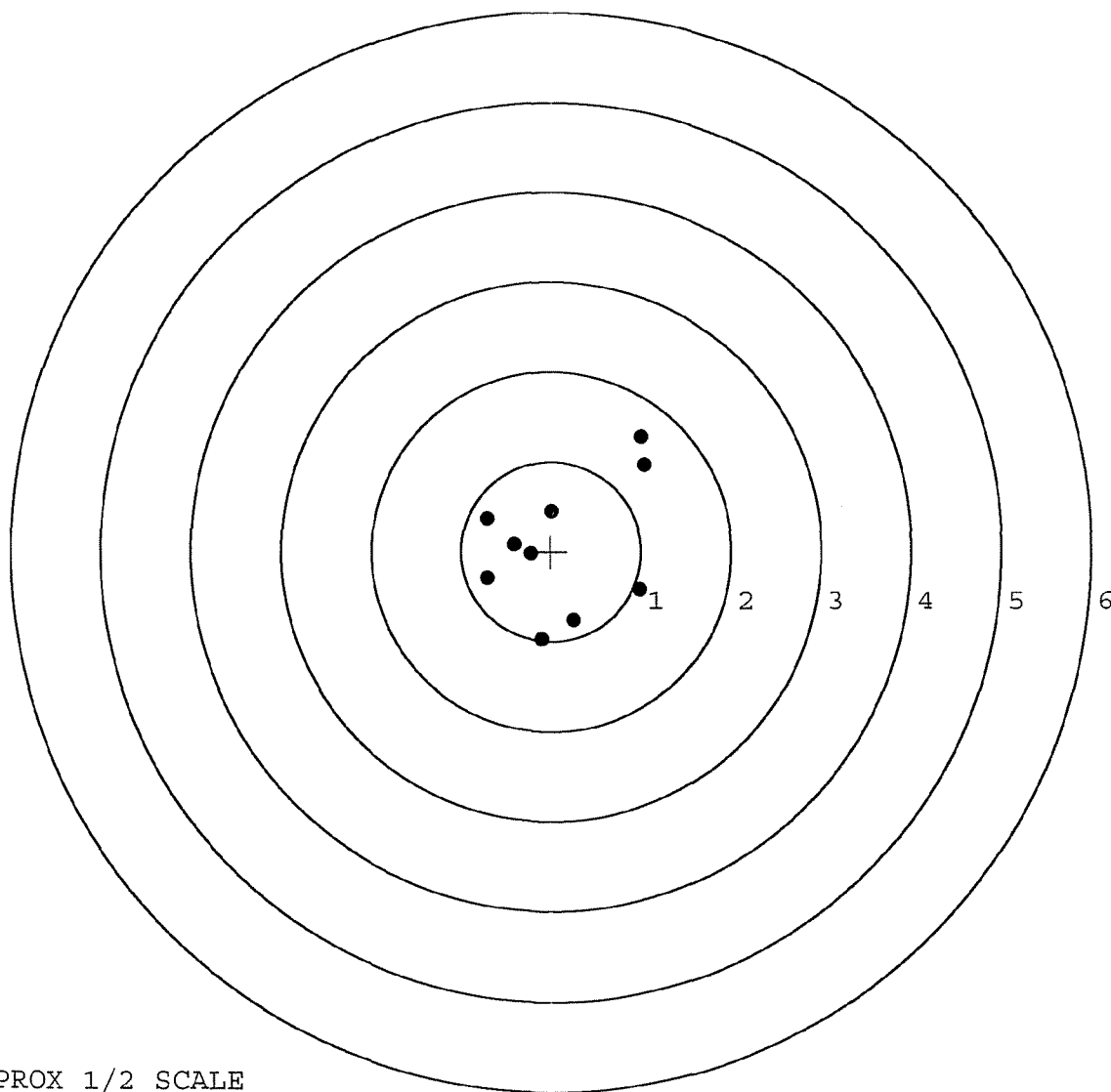
MEAN RADIUS: 0.876

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.990	-0.431
2:	0.258	-0.773
3:	-0.108	-0.981
4:	1.035	0.962
5:	1.000	1.276
6:	-0.005	0.449
7:	-0.221	-0.025
8:	-0.709	-0.305
9:	-0.413	0.074
10:	-0.715	0.360



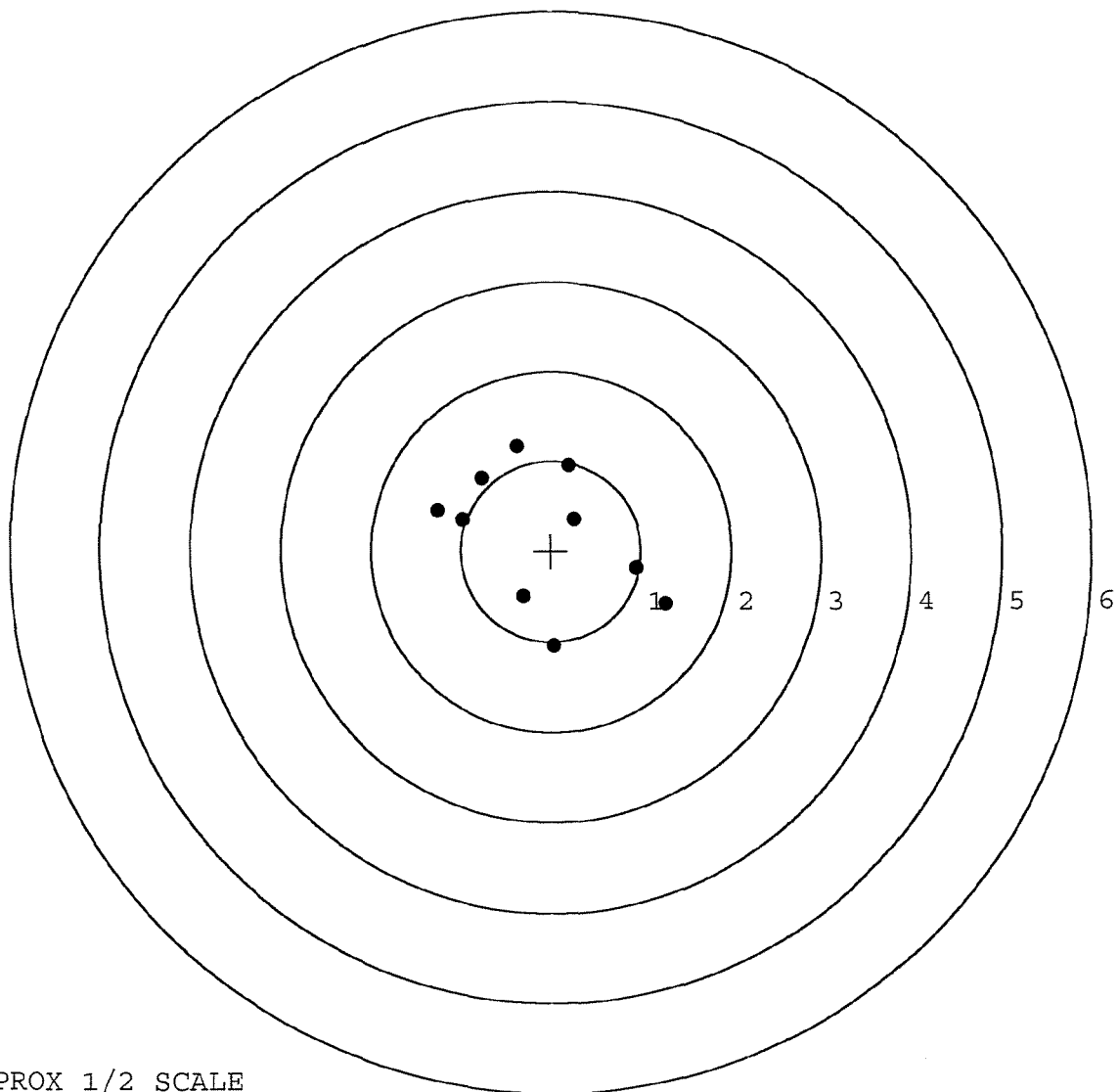
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542. __0
TARGET NUMBER: 3
FILE DATE: 03/09/2005
FILE TIME: 07:35

X CENTROID: -0.098
Y CENTROID: 0.173
POA TO CENTROID: 0.199
HORZ SPREAD: 2.532
VERT SPREAD: 2.210
GROUP SPREAD: 2.731
MIN RADIUS: 0.400
MAX RADIUS: 1.562
MEAN RADIUS: 0.989

POINT#	X	Y
1:	1.269	-0.583
2:	0.952	-0.191
3:	0.039	-1.050
4:	-0.307	-0.504
5:	0.259	0.353
6:	0.206	0.949
7:	-0.379	1.160
8:	-0.770	0.810
9:	-0.983	0.343
10:	-1.263	0.441

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542. 0

TARGET NUMBER: 4

FILE DATE: 03/09/2005

FILE TIME: 07:35

POINT#	X	Y
1:	1.345	0.497
2:	0.789	-0.368
3:	0.343	0.383
4:	-0.017	-0.436
5:	-0.112	-0.009
6:	-0.476	0.000
7:	-0.622	-0.309
8:	-0.832	-0.356
9:	-0.905	0.196
10:	-1.075	0.765

X CENTROID: -0.156

Y CENTROID: 0.036

POA TO CENTROID: 0.160

HORZ SPREAD: 2.420

VERT SPREAD: 1.201

GROUP SPREAD: 2.435

MIN RADIUS: 0.063

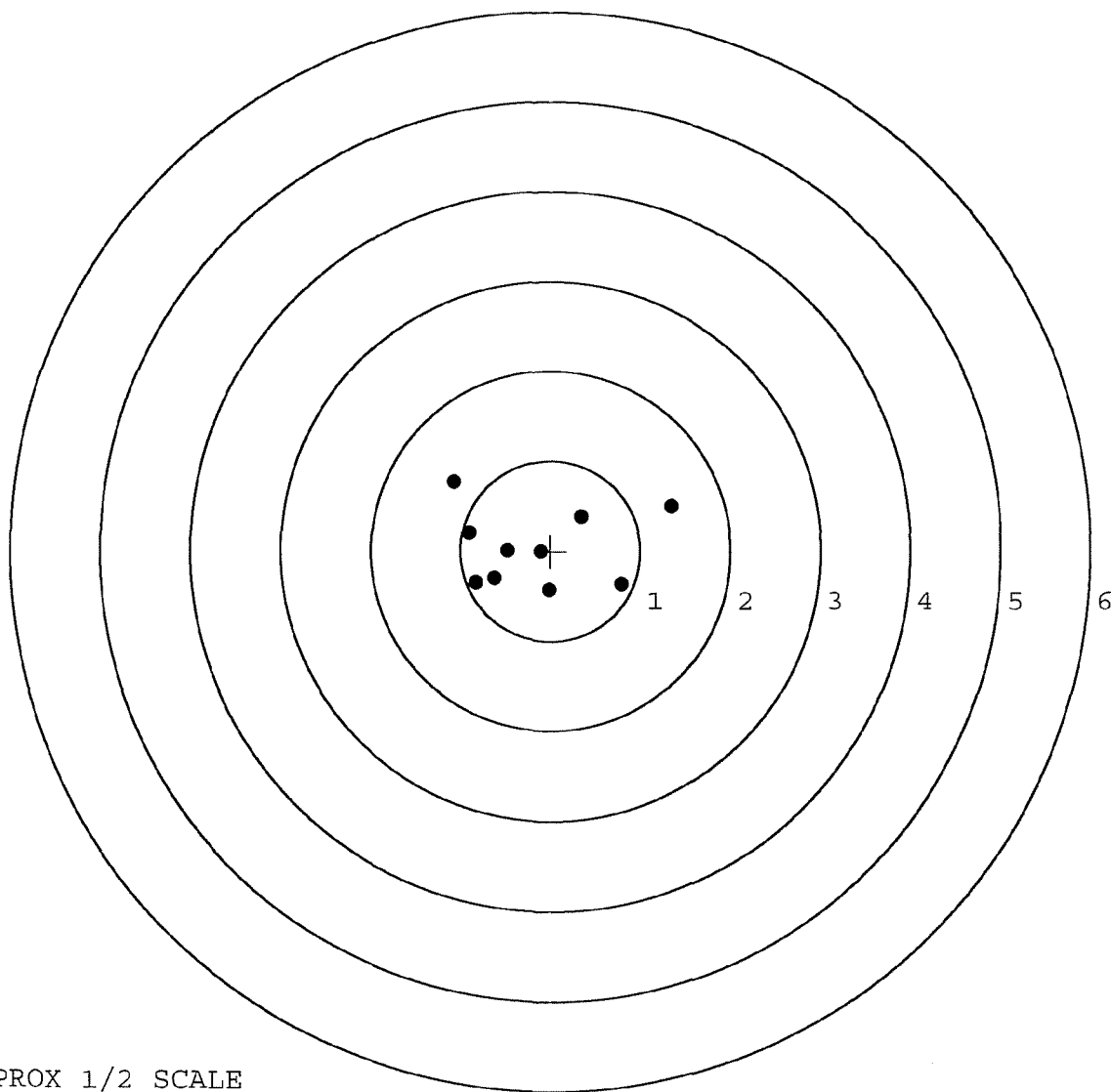
MAX RADIUS: 1.570

MEAN RADIUS: 0.738

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

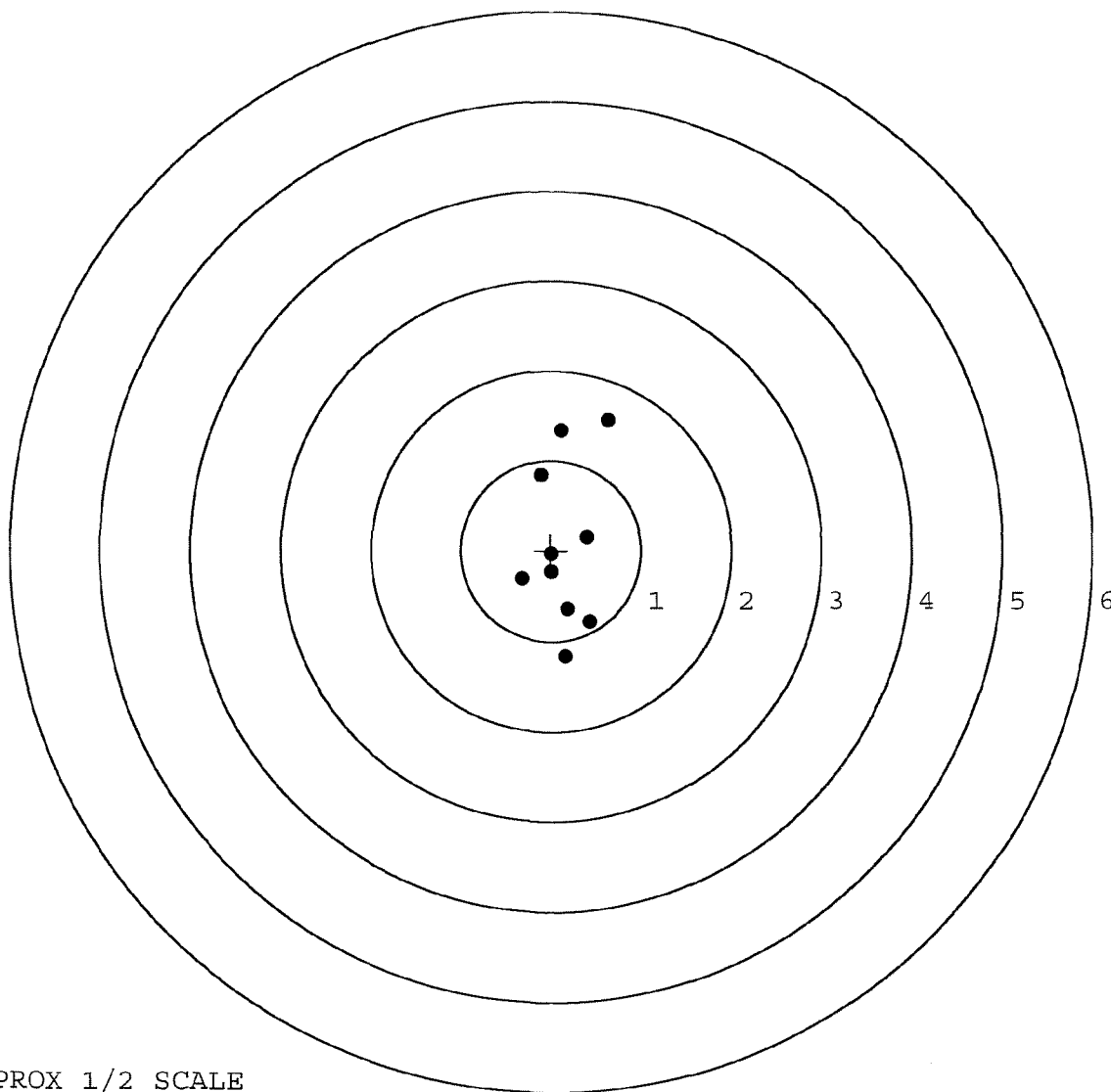


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225542. __0
TARGET NUMBER: 5
FILE DATE: 03/09/2005
FILE TIME: 07:35

X CENTROID: 0.148
Y CENTROID: 0.060
POA TO CENTROID: 0.159
HORZ SPREAD: 0.957
VERT SPREAD: 2.622
GROUP SPREAD: 2.666
MIN RADIUS: 0.172
MAX RADIUS: 1.475
MEAN RADIUS: 0.776
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.427	-0.780
2:	0.154	-1.170
3:	0.180	-0.640
4:	0.401	0.153
5:	0.005	-0.036
6:	-0.003	-0.235
7:	-0.321	-0.317
8:	-0.117	0.839
9:	0.115	1.334
10:	0.636	1.452



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92671		
SERIAL NUMBER	C 6225542		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-14-05	RTZ
560 A	RE-BARREL	2-16-05	RTZ
B	DRILL AND TAP	2-17-05	TRW
575	ASSEMBLE	2-16-05	RTZ
600	PROOF	2-17-05	MAGNA-FLUX AC
605	CHECK HEADSPACE	2-17-05	AC
610	DIS-ASSEMBLE GUN	2-17-05	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	2-18-05	CW
618	ROTO-BLAST	2-18-05	
620	APPLY COATINGS	3-1-05	HP
625 A	FINAL ASSEMBLY	3-8-05	RTZ
B	TRIGGER PULL TEST	3-9-05	AC
C	SAFETY "ON" FORCE	3-9-05	AC
D	SAFETY "OFF" FORCE	3-9-05	AC
E	FIRING PIN INDENT	3-9-05	AC
640	TARGET	3-9-05	TRW
655	FINAL INSPECT	3-9-05	AC
660	PACK	3-11-05	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6225542

ORDER NO.

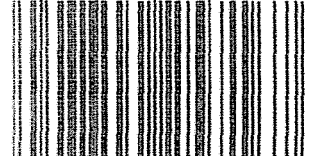
5716

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



5716 C6225542

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225542

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12/22/88	Pfc.
	Magnaflux Bolt		1-3-89	Pfc.
615	Rollmark Caliber		12/22/88	MBC
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJ
620	Apply Coatings (Barrel Action)		11/6/89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/89	RW
	C) Inspect Ejector Hole for Chamfer		2/2/89	RW
	D) Oil Firing Pin Ass'y		2/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/89	JD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/26/89	JS
	G) Safety Off Force	3	3	3			3/26/89	JS
	H) Trigger Pull Test & Retainability						2/4/89	JS
	I) Firing Pin Indent	.0215	.022	.0215			3/26/89	JS
	J) Assemble Stock						2/9/89	RW
	K) Assemble Swivel Studs						15/2/89	JS
	L) Attach Front and Rear Sight Assemblies						2/9/89	RW
	M) Iron Sight Alignment						2/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/9/89	RW
	O) Attach Scope to Rifle						9/26/89	JS
	P) Detach & Attach Scope 20 Times						9/26/89	JS
640	Gallery Target & Test	73 R	82 L				2/14/89	DH
	A) Time						2/14/89	DH
	B) Malfunctions						2/14/89	DH
	C) Pierced Primers						2/14/89	DH
	D) Optical Clarity of Scope						2/14/89	DH
645	Inspect for Live Ammo						2/14/89	DH
655	Final Inspection							
	A) Headspace						15/2/89	JS
	B) Trigger Pull	2.72	2.72	2.71	2.46	2.41	15/2/89	JS
	C) Function						15/2/89	JS
660	Pack						22/2/89	JS

SWS TRIGGER PULL TEST

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

5542

SERIAL NO. 06725207
DATE 3 April 89
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.43	2.36	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.26	2.33	2.11	
PULL #3	2.44	2.19	2.20	2.13	
PULL #4	2.33	2.13	2.27	2.02	
PULL #5	2.28	2.25	2.26	2.10	
TOTAL	11.83	11.26	11.42	10.64	
AVG.	2.366	2.252	2.284	2.128	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.08		
PULL #2	3.08	3.09		
PULL #3	3.12	3.08		
PULL #4	3.16	2.99		
PULL #5	3.14	3.06		
TOTAL	15.58	15.30		
AVG.	3.116	3.06		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.26		3.99
PULL #2	4.30	4.32		4.06
PULL #3	4.20	4.40		4.12
PULL #4	4.23	4.26		4.17
PULL #5	4.20	4.36		4.47
TOTAL	21.17	21.60		20.81
AVG.	4.234	4.32		4.162

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225542
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.54052
1 TO	2	.495202
1 TO	3	.718493
1 TO	4	.474026
1 TO	5	.1722

$\frac{4}{3}$ ⁵¹ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .224
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0218
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .225058
THE AMR FOR THIS RIFLE IS: .8472

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CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.414

VS= 1.975

GS= 2.872

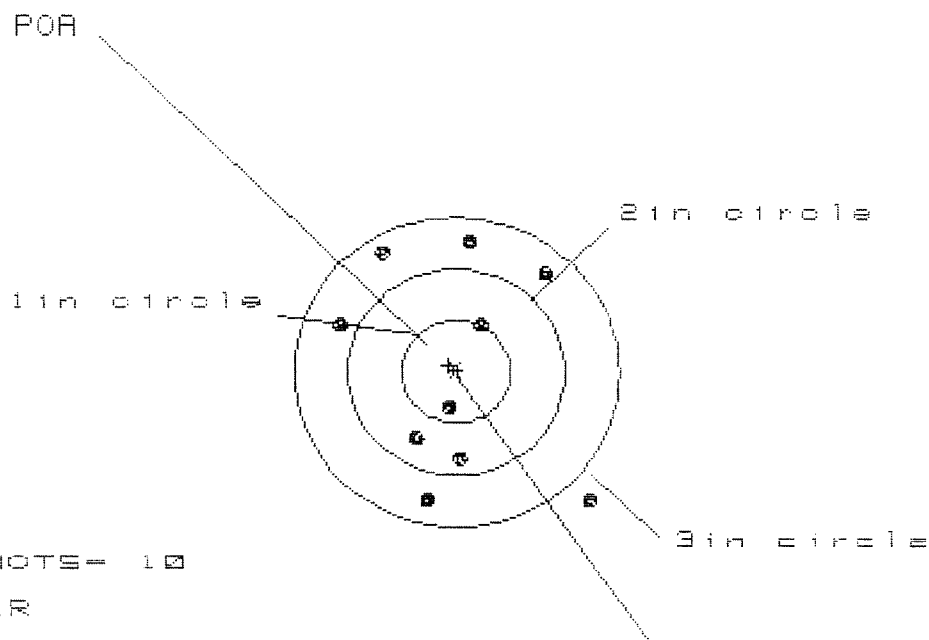
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.139	.634	.490
MINIMUM X	:	-1.276	-1.149	-.688
MAXIMUM Y	:	.765	.630	.657
MINIMUM Y	:	-1.210	-1.169	-1.142
CENTROID X	:	.519	.392	.536
CENTROID Y	:	.151	.286	.259
POA TO CENTROID in.	:	.540	.485	.595
MIN RADIUS	:	.176	.127	.122
MEAN RADIUS	:	.744	.618	.532
MAX RADIUS	:	1.662	1.330	1.243
HORIZONTAL SPREAD	:	2.414	1.783	1.178
VERTICAL SPREAD	:	1.975	1.799	1.799
EXTREME SPREAD	:	2.872	2.255	1.806
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.366

VS= 2.532

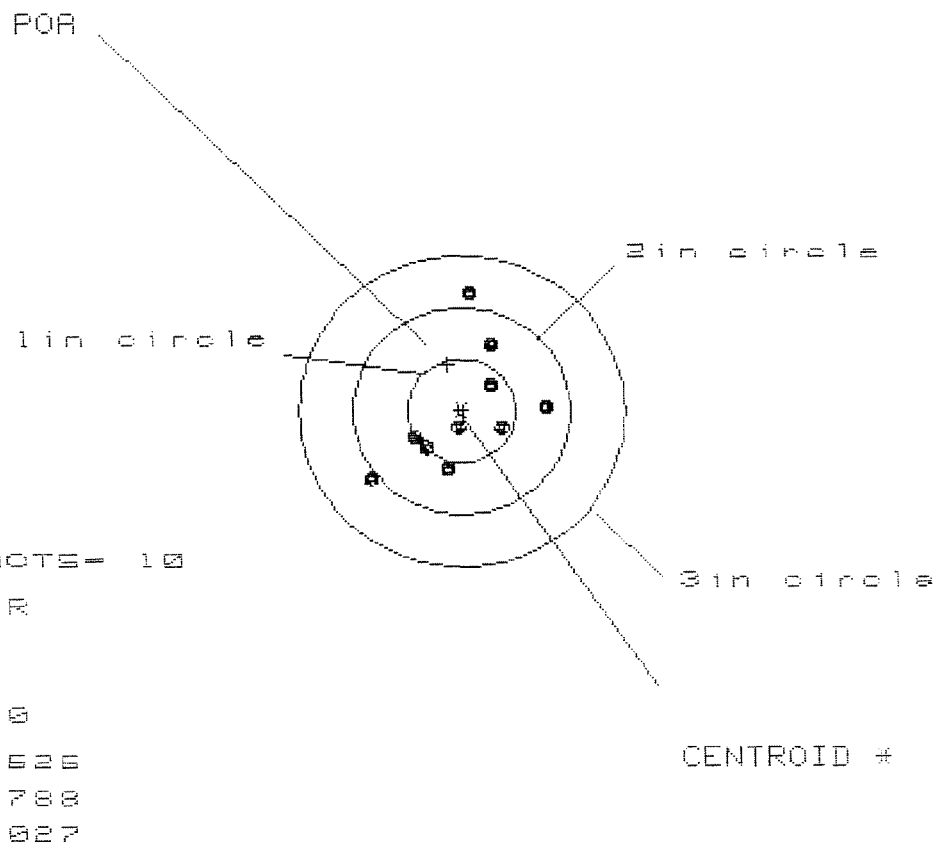
GS= 3.112

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.274	.955	.884
MINIMUM X	:	-1.092	-.951	-1.022
MAXIMUM Y	:	1.257	1.117	1.242
MINIMUM Y	:	-1.275	-1.415	-1.290
CENTROID X	:	.071	-.070	.001
CENTROID Y	:	-.060	.080	-.045
POA TO CENTROID in.	:	.093	.106	.045
MIN RADIUS	:	.316	.470	.333
MEAN RADIUS	:	1.056	.973	.929
MAX RADIUS	:	1.791	1.423	1.324
HORIZONTAL SPREAD	:	2.366	1.906	1.906
VERTICAL SPREAD	:	2.532	2.532	2.532
EXTREME SPREAD	:	3.112	2.560	2.560
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

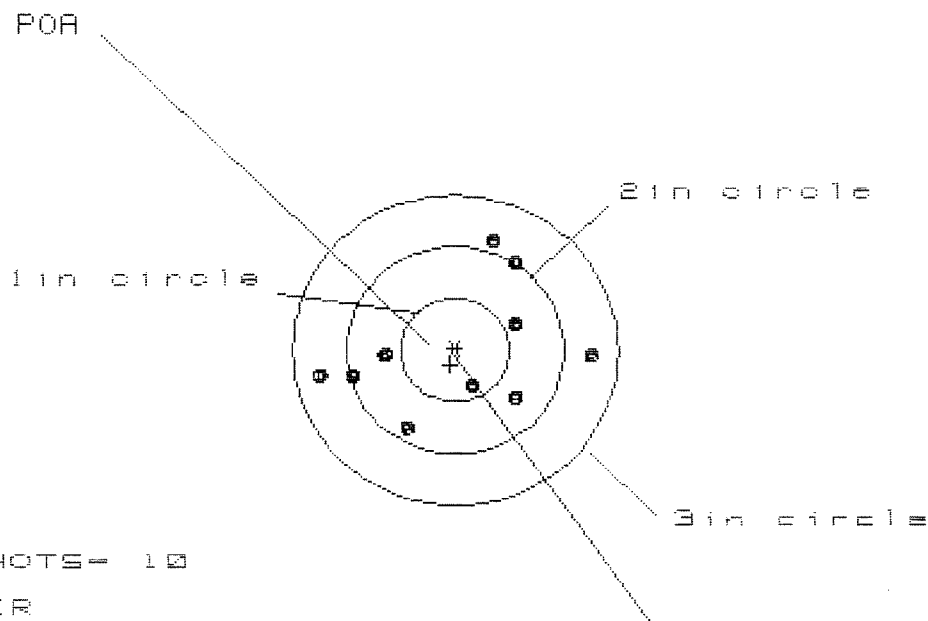


PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.773	.784	.679
MINIMUM X	:	-.853	-.842	-.531
MAXIMUM Y	:	1.122	.772	.704
MINIMUM Y	:	-.666	-.541	-.479
CENTROID X	:	.133	.122	.227
CENTROID Y	:	-.445	-.570	-.502
POA TO CENTROID in.	:	.465	.583	.551
MIN RADIUS	:	.188	.064	.163
MEAN RADIUS	:	.606	.522	.466
MAX RADIUS	:	1.127	1.001	.725
HORIZONTAL SPREAD	:	1.626	1.626	1.210
VERTICAL SPREAD	:	1.788	1.313	1.183
EXTREME SPREAD	:	2.027	1.790	1.249
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.474

VS = 1.775

GS = 2.482

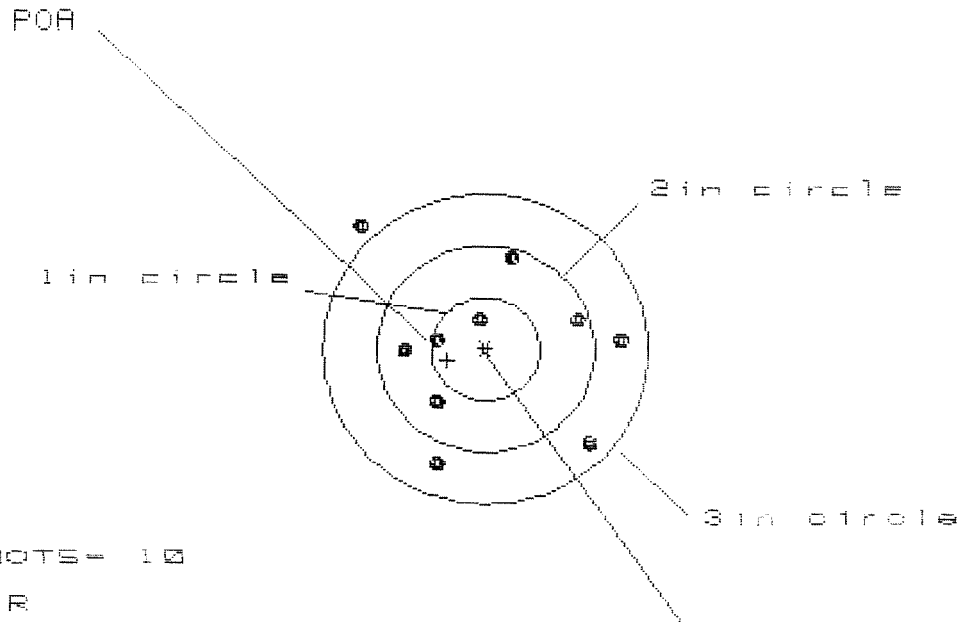
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.228	1.090	.580
MINIMUM X	:	-1.246	-1.112	-.976
MAXIMUM Y	:	1.020	.993	.985
MINIMUM Y	:	-.755	-.782	-.790
CENTROID X	:	.045	.183	.047
CENTROID Y	:	.146	.173	.181
POA TO CENTROID in.	:	.153	.252	.187
MIN RADIUS	:	.372	.379	.405
MEAN RADIUS	:	.888	.833	.801
MAX RADIUS	:	1.269	1.144	1.030
HORIZONTAL SPREAD	:	2.474	2.202	1.556
VERTICAL SPREAD	:	1.775	1.775	1.775
EXTREME SPREAD	:	2.482	2.211	1.930
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.357

VS= 2.297

GS= 2.966

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.227	1.101	1.208
MINIMUM X	-1.130	-.903	-.795
MAXIMUM Y	1.150	.972	.872
MINIMUM Y	-1.147	-1.020	-1.120
CENTROID X	.352	.478	.370
CENTROID Y	.109	-.018	.082
POA TO CENTROID in.	.369	.478	.379
MIN RADIUS	.270	.425	.299
MEAN RADIUS	.942	.882	.812
MAX RADIUS	1.612	1.176	1.214
HORIZONTAL SPREAD	2.357	2.004	2.004
VERTICAL SPREAD	2.297	1.992	1.992
EXTREME SPREAD	2.966	2.101	2.101
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	