

C6611518

MODEL 700TH M24

Model **SMS** TH

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400078169

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. 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: RE00146502

Serial: C6611518 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/17/2008 9:51:28 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
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

nagletj

6/17/2008

10:48 AM

CAPS

NUM

INS

SCRL

start

10 M

My ...

4 M

Par ...

Ar ...

Cre ...

My ...

10:48 AM

Number: C6611518
 Model: M24 SWS
 RE00146502

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

R & E NUMBER	<u>146502</u>			
SERIAL NUMBER	<u>C6611518</u>			
LOG-IN DATE	<u>6-17-08</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	9-8-09	RZ	
505	RE-BARREL	9-11-09	RZ	
420	ASSEMBLE	9-11-09	RZ	MAGNA - FLUX
440	PROOF	9-11-09	SP	
460	CHECK HEADSPACE	9-11-09	SP	
470	DIS-ASSEMBLE GUN	9-11-09	SP	OPERATOR
480	MAGNAFLUX	9-11-09	SP	
510	DRILL AND TAP	9-14-09	SP	
500	ROLLMARK CALIBER	9-17-09	SP	
520	GOFF BLAST BBL / REC	9-17-09	SP	
530 & 540	APPLY COATINGS	9-18		
560	FINAL ASSEMBLY	9-28-09	RZ	
640	FUNCTION TEST AND	9-30-09	SP	PASS FAIL
650	TARGET	9-30-09	SP	PASS FAIL
	MALFUNCTION			CORRECTION
	MALFUNCTION			CORRECTION
	MALFUNCTION			CORRECTION
	MALFUNCTION			CORRECTION
670	FINAL INSPECTION	9-30-09	RP	
	A) HEADSPACE	10/1/09	AB	PASS FAIL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		2.35 2.27 2.28 2.31 2.31 10-1-09 TC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX		2° 2° 2° 10/1/09 AB
	G) SAFETY OFF FORCE	2 LBS MIN		5° 5° 5°
	I) FIRING PIN INDENT	.020		.021 .022 .022
690	PACK	10/6/09	Ray	

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611518.__0
FILE DATE AND TIME: 10/01/2009 07:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	-0.003
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.658
The Distance from POA to Centroid Target #1:	0.070
The Distance from Centroid Target #2 to Centroid Target #1:	0.180
The Distance from Centroid Target #3 to Centroid Target #1:	0.110
The Distance from Centroid Target #4 to Centroid Target #1:	0.388
The Distance from Centroid Target #5 to Centroid Target #1:	0.098

SERIAL NUMBER: C6611518. __0

TARGET NUMBER: 1

FILE DATE: 10/01/2009

FILE TIME: 07:25

X CENTROID: -0.065

Y CENTROID: 0.025

POA TO CENTROID: 0.070

HORZ SPREAD: 1.404

VERT SPREAD: 1.707

GROUP SPREAD: 1.994

MIN RADIUS: 0.274

MAX RADIUS: 1.180

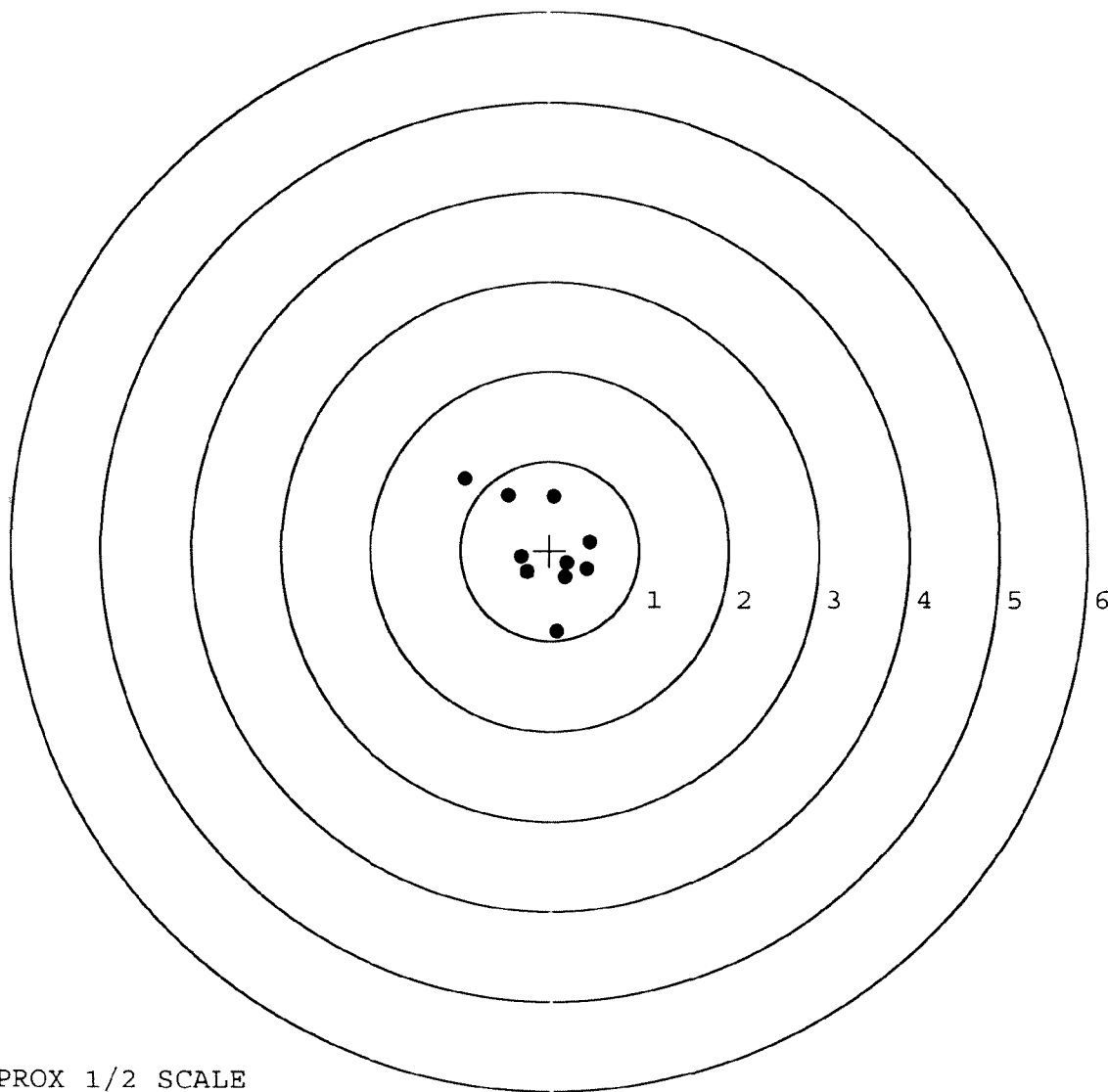
MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.079	-0.902
2:	0.453	0.098
3:	-0.471	0.614
4:	-0.951	0.805
5:	0.042	0.601
6:	-0.322	-0.071
7:	-0.257	-0.245
8:	0.173	-0.300
9:	0.188	-0.145
10:	0.414	-0.207



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518.___0

TARGET NUMBER: 2

FILE DATE: 10/01/2009

FILE TIME: 07:25

POINT#	X	Y
1:	-0.771	0.713
2:	-0.228	-0.670
3:	-1.094	0.342
4:	0.889	0.299
5:	0.734	-0.014
6:	0.572	-0.408
7:	0.408	-0.184
8:	0.342	-0.111
9:	0.113	-0.062
10:	0.169	0.128

X CENTROID: 0.113

Y CENTROID: 0.003

POA TO CENTROID: 0.113

HORZ SPREAD: 1.983

VERT SPREAD: 1.383

GROUP SPREAD: 1.983

MIN RADIUS: 0.065

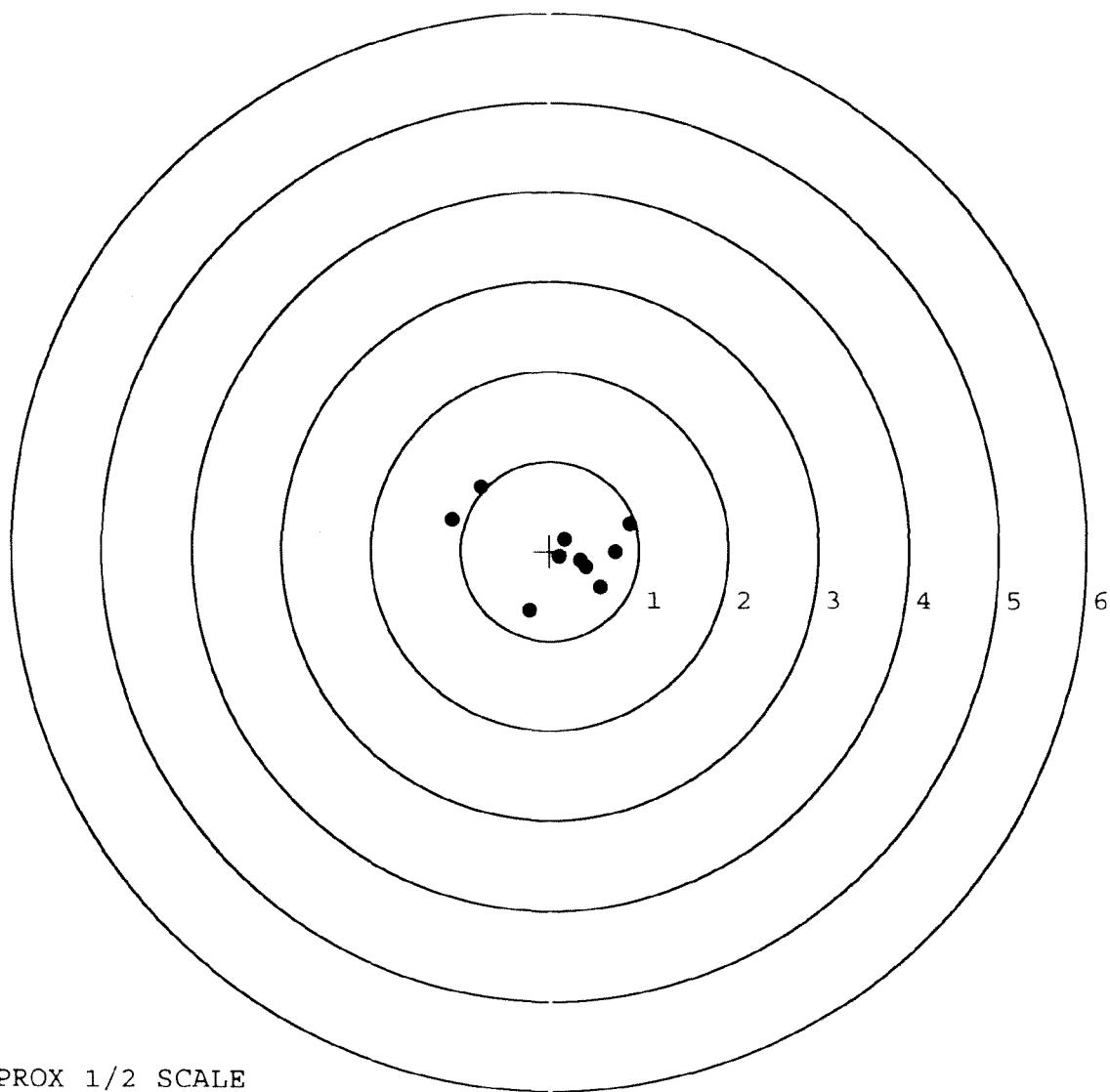
MAX RADIUS: 1.254

MEAN RADIUS: 0.602

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518.___0

TARGET NUMBER: 3

FILE DATE: 10/01/2009

FILE TIME: 07:25

X CENTROID: -0.118

Y CENTROID: -0.071

POA TO CENTROID: 0.138

HORZ SPREAD: 2.037

VERT SPREAD: 2.284

GROUP SPREAD: 2.473

MIN RADIUS: 0.221

MAX RADIUS: 1.621

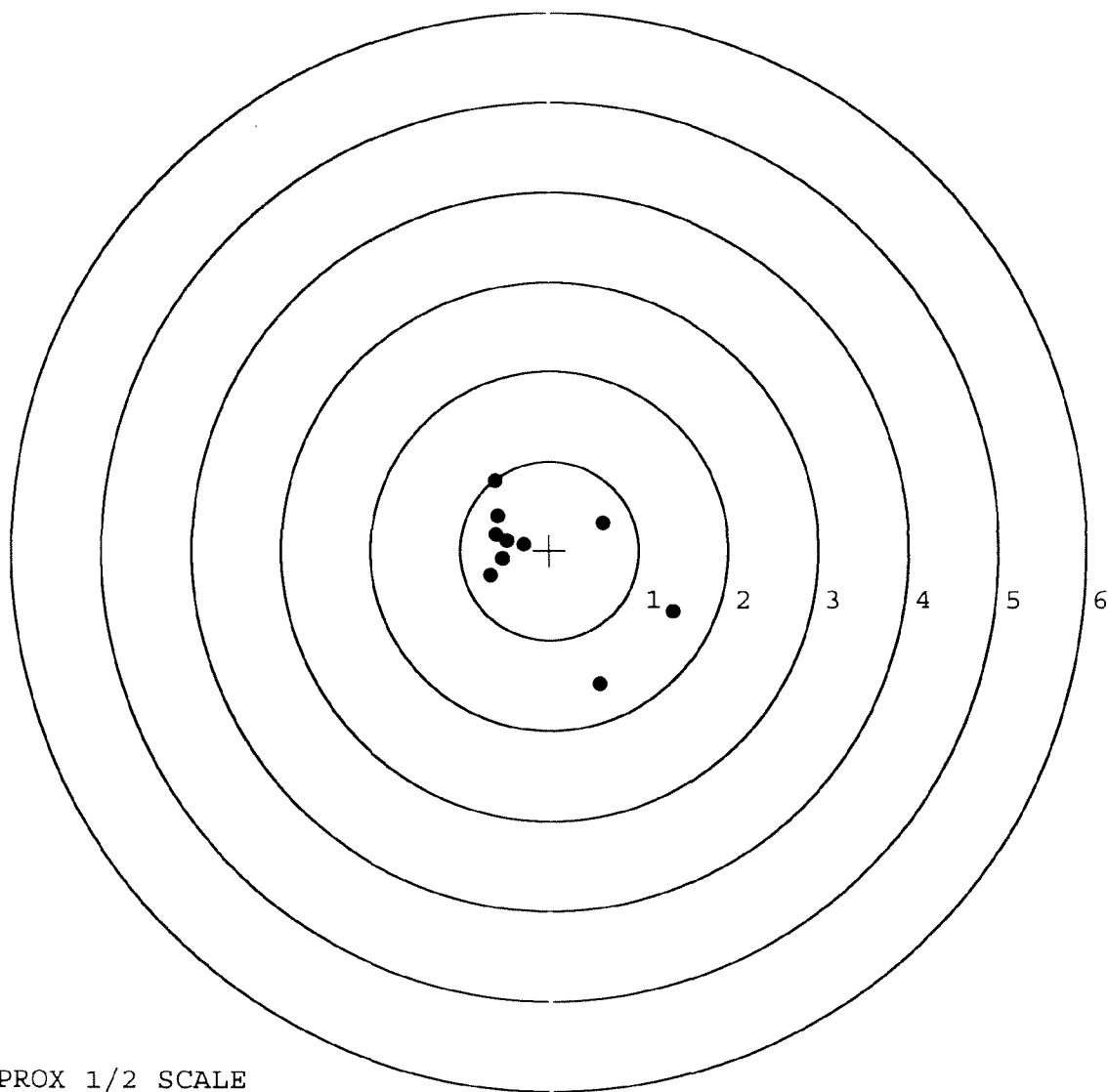
MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.562	-1.499
2:	0.596	0.310
3:	1.381	-0.687
4:	-0.606	0.785
5:	-0.584	0.389
6:	-0.594	0.182
7:	-0.474	0.117
8:	-0.287	0.071
9:	-0.520	-0.094
10:	-0.656	-0.285



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518. 0

TARGET NUMBER: 4

FILE DATE: 10/01/2009

FILE TIME: 07:25

POINT#	X	Y
1:	0.778	-1.567
2:	0.977	0.255
3:	-0.436	0.776
4:	0.592	0.697
5:	-0.383	-0.201
6:	-0.738	0.226
7:	0.873	-0.467
8:	0.684	-0.329
9:	0.549	-0.208
10:	0.200	0.053

X CENTROID: 0.310

Y CENTROID: -0.076

POA TO CENTROID: 0.319

HORZ SPREAD: 1.715

VERT SPREAD: 2.343

GROUP SPREAD: 2.639

MIN RADIUS: 0.170

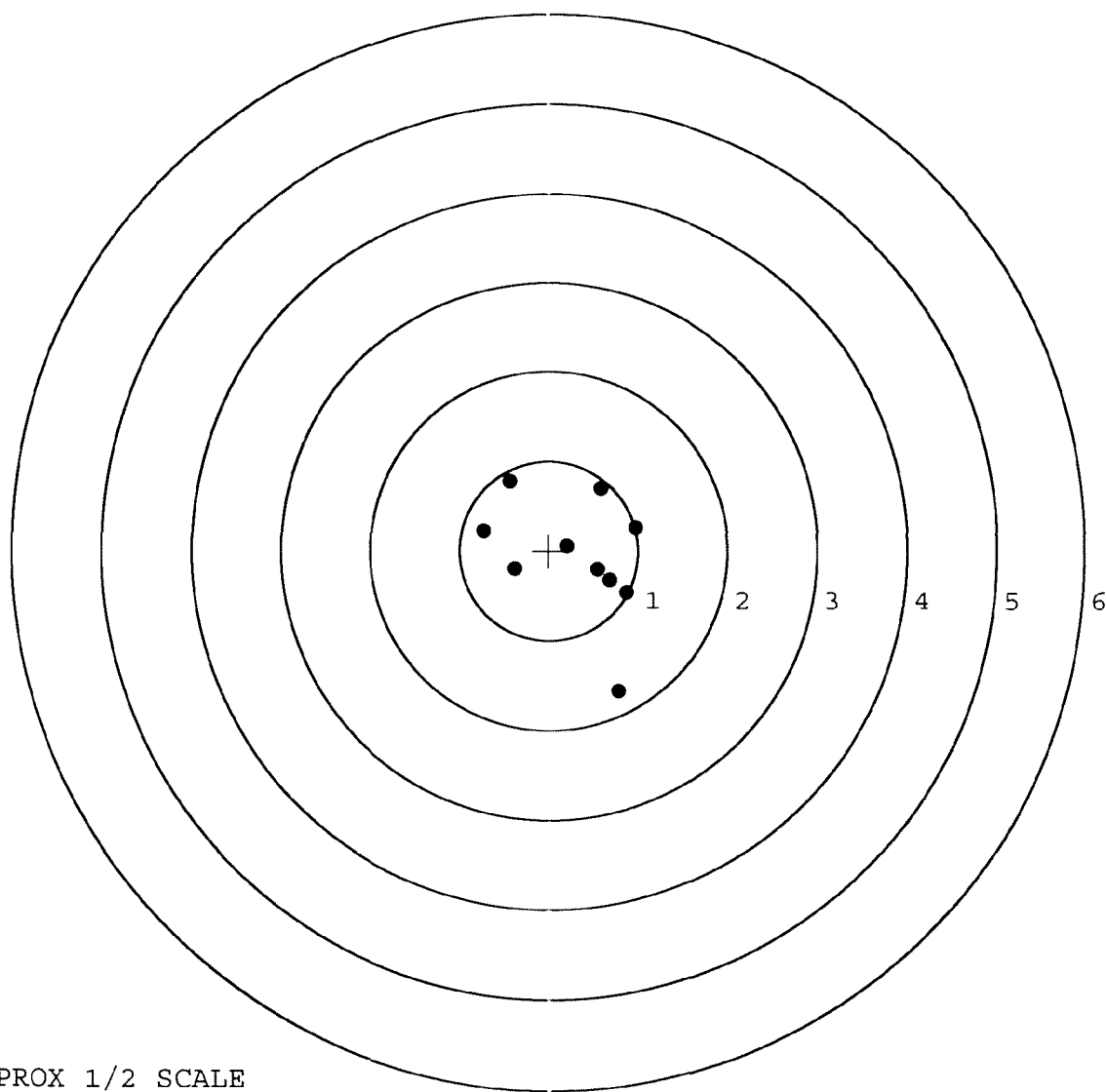
MAX RADIUS: 1.562

MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

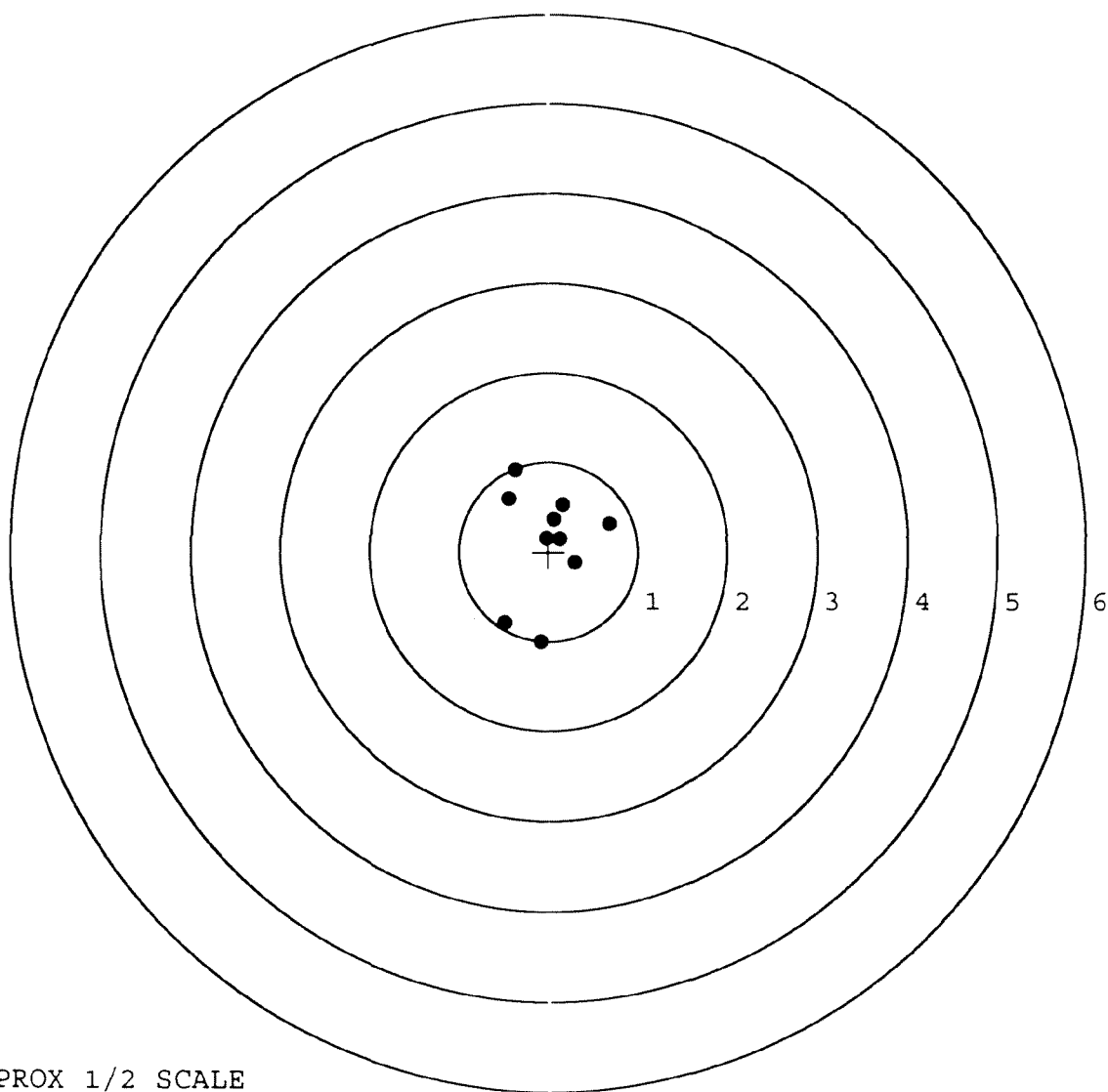


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518. 0
TARGET NUMBER: 5
FILE DATE: 10/01/2009
FILE TIME: 07:25

POINT#	X	Y
1:	-0.090	-1.011
2:	-0.488	-0.795
3:	0.677	0.313
4:	-0.370	0.910
5:	-0.453	0.590
6:	0.296	-0.125
7:	-0.021	0.152
8:	0.127	0.141
9:	0.059	0.363
10:	0.157	0.524

X CENTROID: -0.011
Y CENTROID: 0.106
POA TO CENTROID: 0.107
HORZ SPREAD: 1.165
VERT SPREAD: 1.921
GROUP SPREAD: 1.941
MIN RADIUS: 0.047
MAX RADIUS: 1.120
MEAN RADIUS: 0.568
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00092549** Serial: C6611518 Model: M24 SWS Center Fire Caliber: 7.62-NATO Repairman: Status: Closed 2/7/2005 8:19:07 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	Frt and Rear Sct Base	1

Repair Search Refresh Close

neglerj 2/7/2005 10:19 AM DAPS NUM IIS SCPL

start 3 2

Serial Number: **C6611518**

Model: **M24 SWS**



RE00092549

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611518.___0
FILE DATE AND TIME: 03/15/2005 09:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.104
The Average Y Centroid of the Five Target Set:	-0.113
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.817
The Distance from POA to Centroid Target #1:	0.132
The Distance from Centroid Target #2 to Centroid Target #1:	0.468
The Distance from Centroid Target #3 to Centroid Target #1:	0.496
The Distance from Centroid Target #4 to Centroid Target #1:	0.255
The Distance from Centroid Target #5 to Centroid Target #1:	0.158

SERIAL NUMBER: C6611518.___0

TARGET NUMBER: 1

FILE DATE: 03/15/2005

FILE TIME: 09:23

X CENTROID: 0.004

Y CENTROID: 0.132

POA TO CENTROID: 0.132

HORZ SPREAD: 1.746

VERT SPREAD: 2.140

GROUP SPREAD: 2.142

MIN RADIUS: 0.492

MAX RADIUS: 1.382

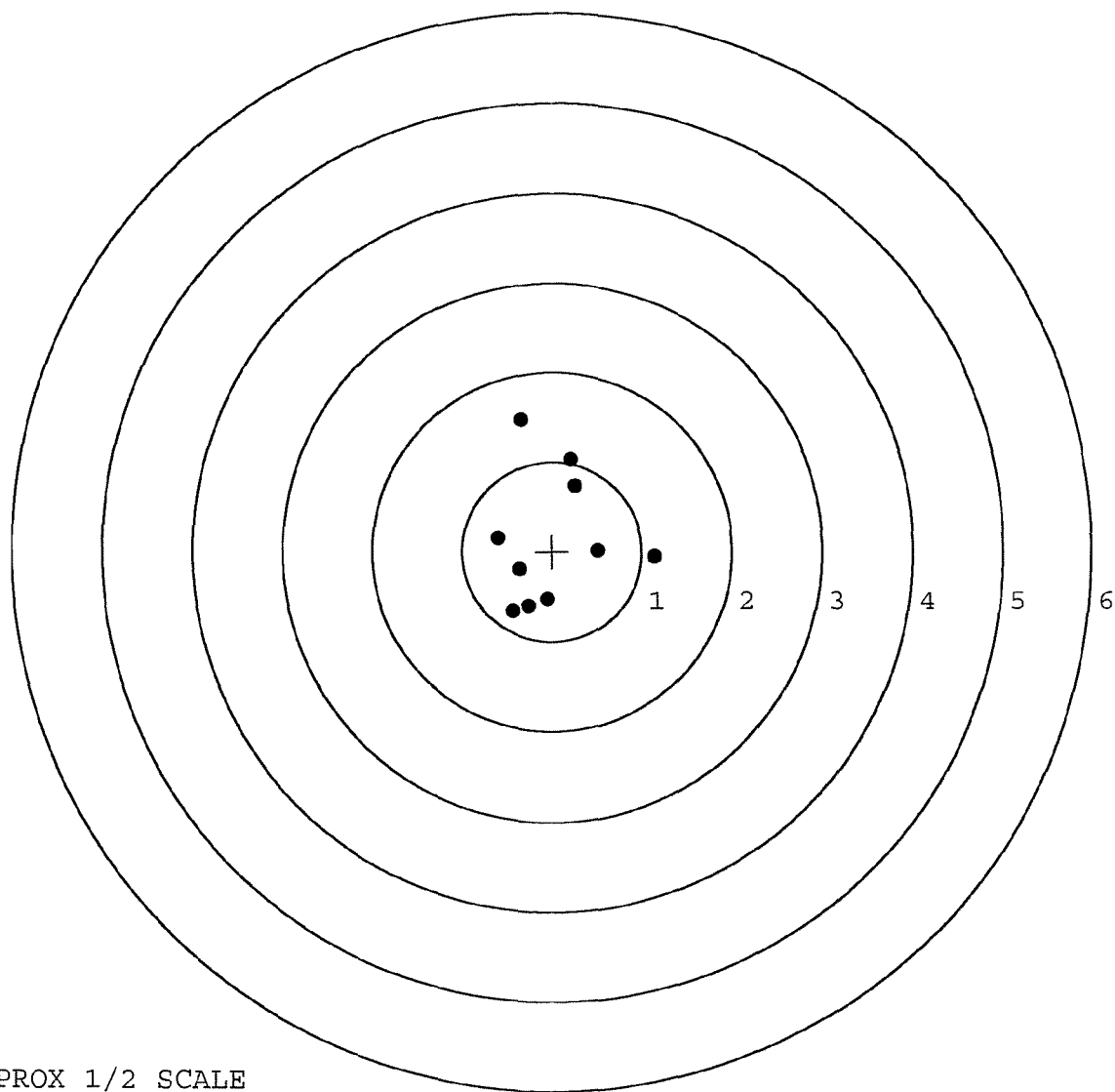
MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.142	-0.060
2:	0.511	0.016
3:	-0.055	-0.535
4:	-0.269	-0.607
5:	-0.437	-0.672
6:	-0.360	-0.199
7:	-0.604	0.153
8:	0.256	0.728
9:	0.208	1.024
10:	-0.347	1.468

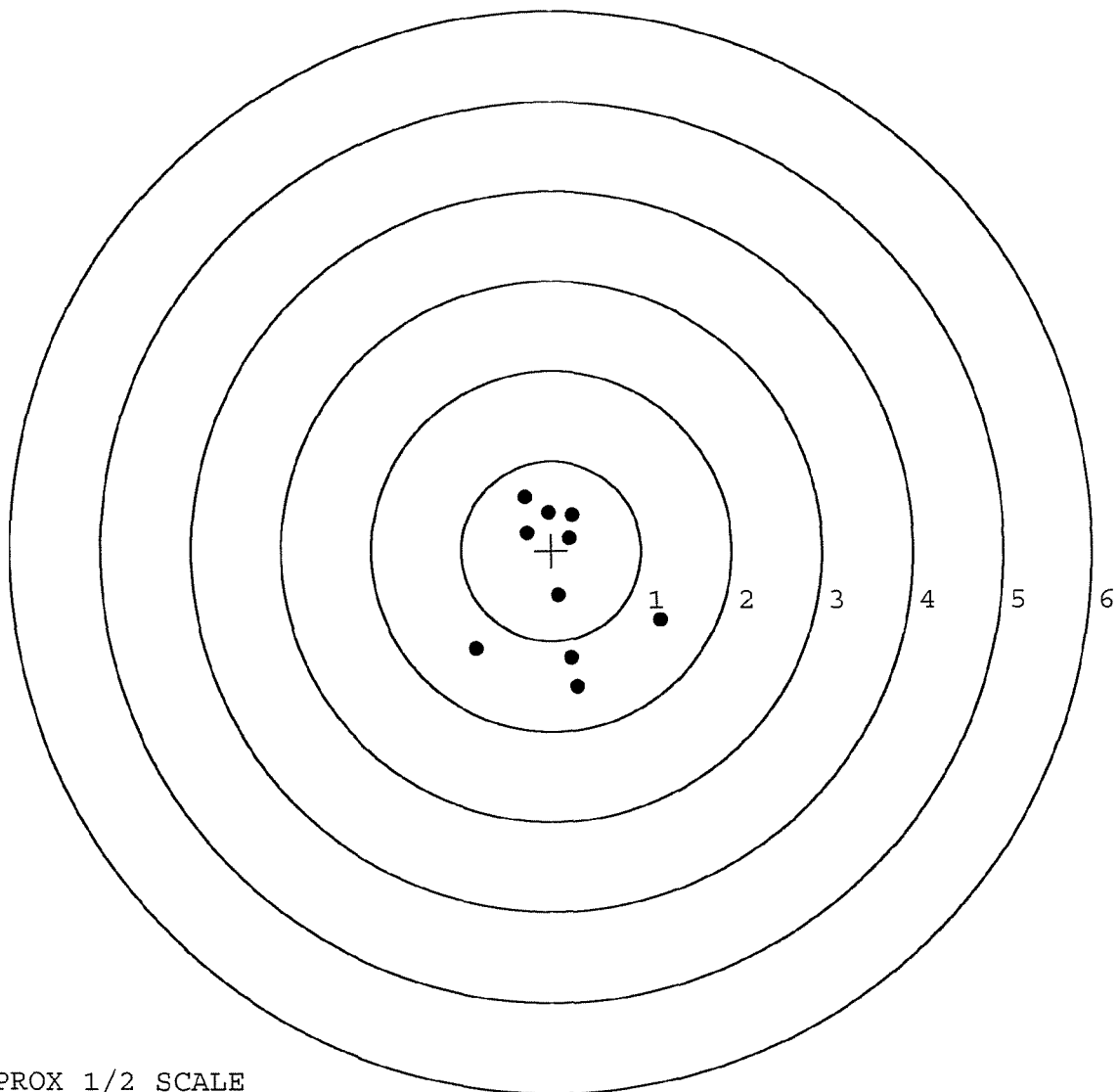


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518. __0
TARGET NUMBER: 2
FILE DATE: 03/15/2005
FILE TIME: 09:23

X CENTROID: 0.079
Y CENTROID: -0.330
POA TO CENTROID: 0.339
HORZ SPREAD: 2.046
VERT SPREAD: 2.100
GROUP SPREAD: 2.070
MIN RADIUS: 0.174
MAX RADIUS: 1.215
MEAN RADIUS: 0.827
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.291	-1.501
2:	0.221	-1.189
3:	1.209	-0.776
4:	0.077	-0.504
5:	-0.837	-1.093
6:	0.202	0.137
7:	0.228	0.406
8:	-0.271	0.196
9:	-0.036	0.424
10:	-0.296	0.599



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518. 0

TARGET NUMBER: 3

FILE DATE: 03/15/2005

FILE TIME: 09:23

X CENTROID: 0.326

Y CENTROID: -0.246

POA TO CENTROID: 0.408

HORZ SPREAD: 2.547

VERT SPREAD: 2.828

GROUP SPREAD: 3.243

MIN RADIUS: 0.603

MAX RADIUS: 1.820

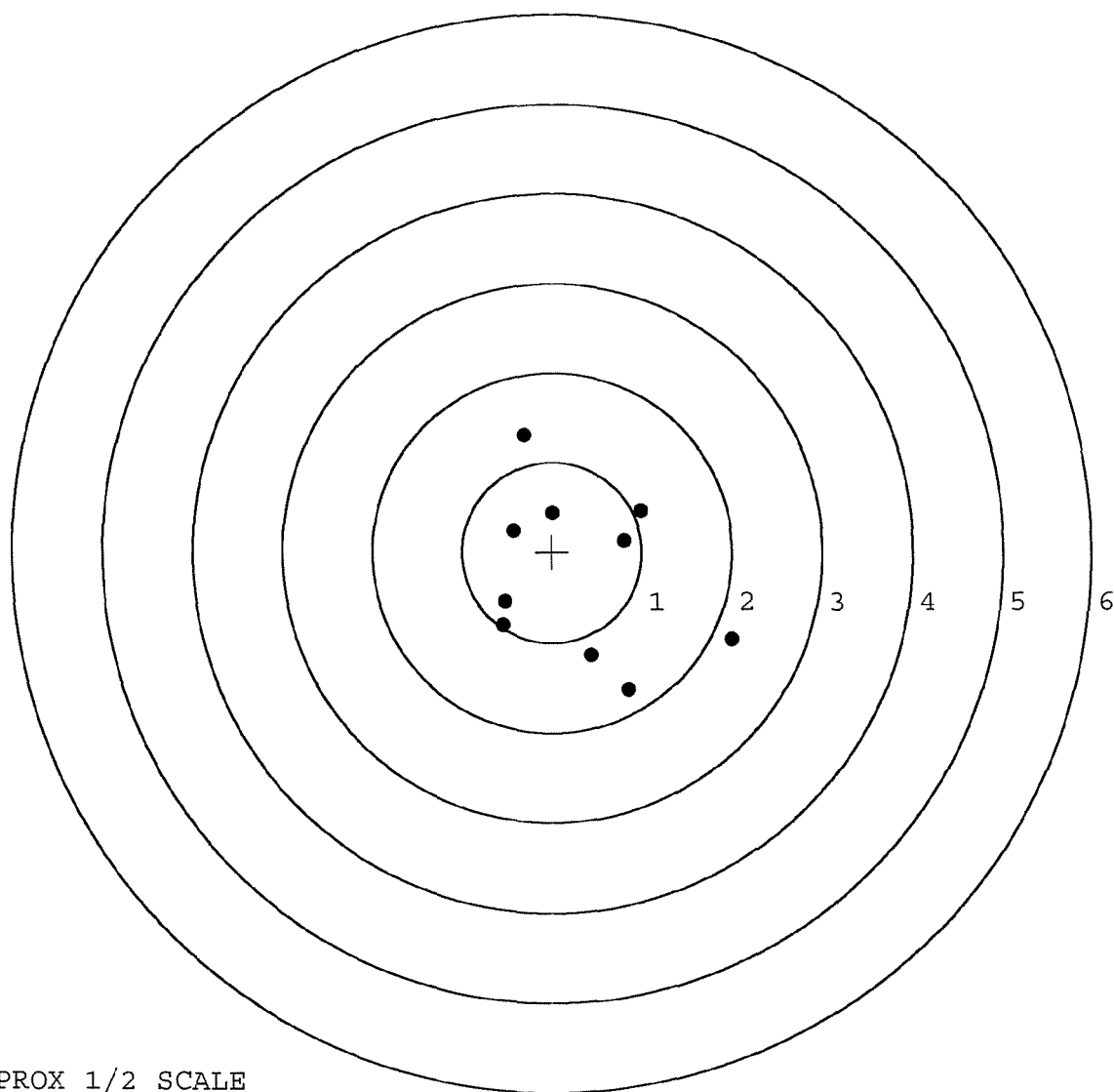
MEAN RADIUS: 1.095

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.994	-0.973
2:	0.854	-1.523
3:	0.438	-1.145
4:	0.804	0.122
5:	0.993	0.457
6:	-0.314	1.305
7:	0.001	0.429
8:	-0.427	0.230
9:	-0.533	-0.548
10:	-0.553	-0.812



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518. __0

TARGET NUMBER: 4

FILE DATE: 03/15/2005

FILE TIME: 09:23

POINT#	X	Y
1:	0.620	-1.002
2:	0.751	-0.120
3:	0.855	-0.037
4:	0.409	0.261
5:	0.287	-0.541
6:	0.021	0.093
7:	-0.438	-0.463
8:	-0.887	-0.422
9:	-0.639	0.341
10:	0.201	0.928

X CENTROID: 0.118

Y CENTROID: -0.096

POA TO CENTROID: 0.152

HORZ SPREAD: 1.742

VERT SPREAD: 1.930

GROUP SPREAD: 1.784

MIN RADIUS: 0.213

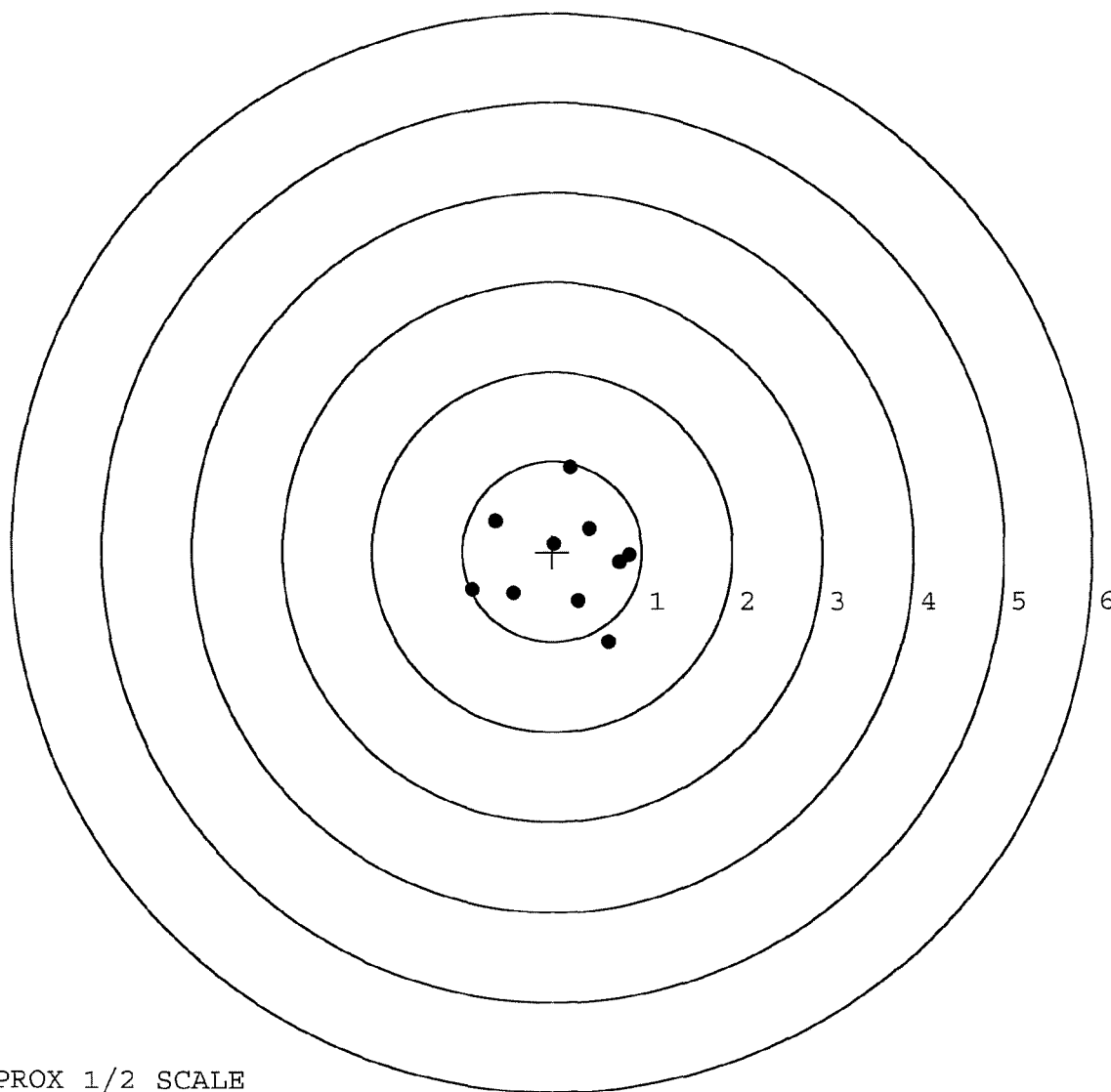
MAX RADIUS: 1.056

MEAN RADIUS: 0.718

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

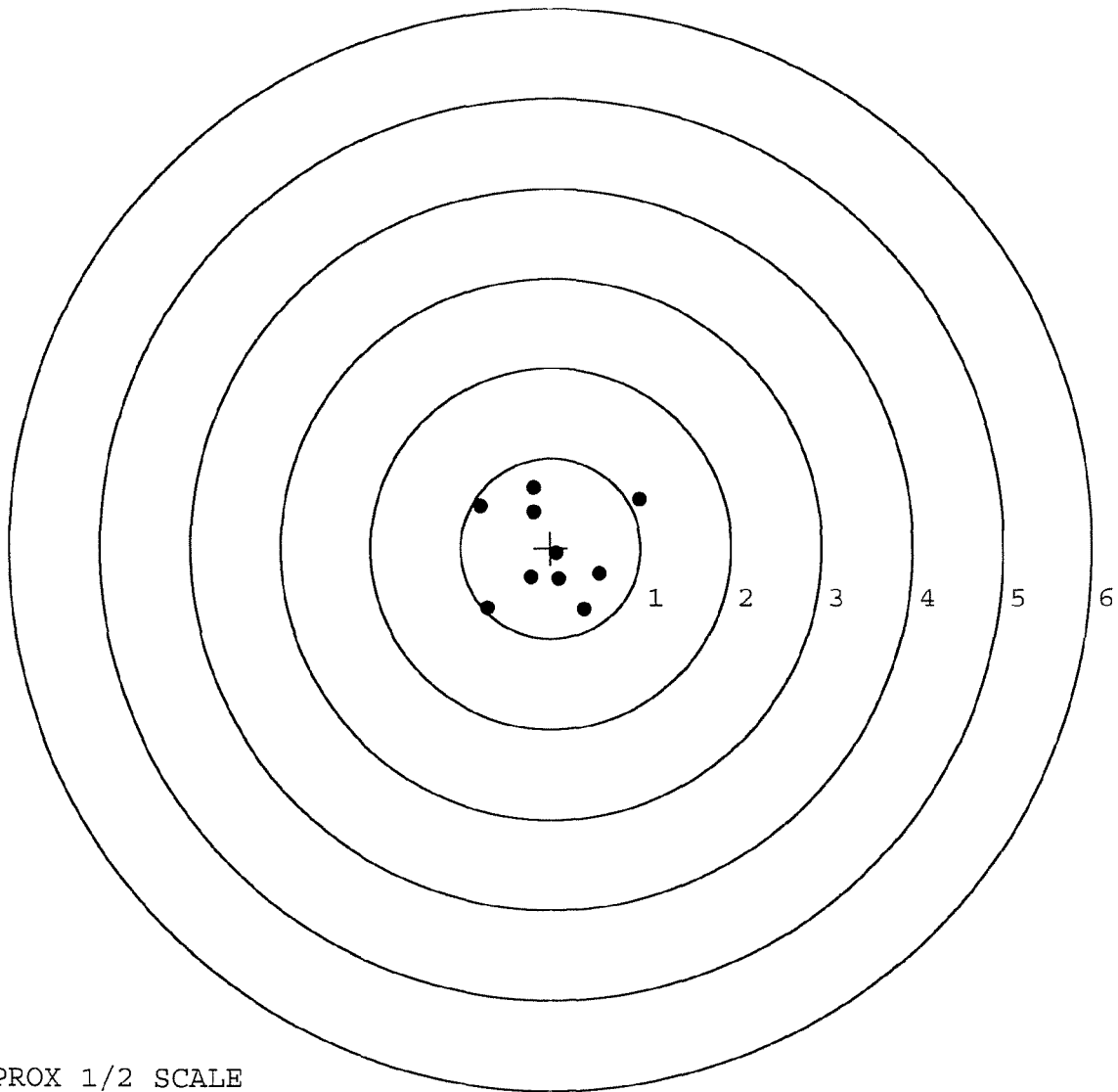


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611518.___0
TARGET NUMBER: 5
FILE DATE: 03/15/2005
FILE TIME: 09:23

X CENTROID: -0.007
Y CENTROID: -0.026
POA TO CENTROID: 0.027
HORZ SPREAD: 1.764
VERT SPREAD: 1.346
GROUP SPREAD: 2.071
MIN RADIUS: 0.078
MAX RADIUS: 1.140
MEAN RADIUS: 0.633
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.359	-0.678
2:	0.540	-0.285
3:	0.980	0.543
4:	0.065	-0.056
5:	0.088	-0.342
6:	-0.225	-0.325
7:	-0.199	0.404
8:	-0.200	0.668
9:	-0.784	0.467
10:	-0.706	-0.660



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92549				
SERIAL NUMBER	C6611518				
LOG-IN DATE	2-7-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN				
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST				
C	SAFETY "ON" FORCE			3-16-05	AC
D	SAFETY "OFF" FORCE			3-16-05	AC
E	FIRING PIN INDENT	3-16-05	AC		
640	TARGET TEST POA	3-15-05	AC		
655	FINAL INSPECT	3-16-05	AC		
660	PACK	3-17-05	DA		
		SHIP DATE			
QAR INSPECTION DATE					




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

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

MODEL 700™ H24

SERIAL NO.
C6611518

ORDER NO.
5716

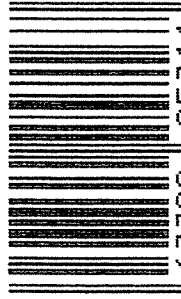
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20



5716 C6611518

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

Re Paired
Stock

GUN SERIAL # C6611518

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25	91	RW
600	Proof	3 25	91	RW
607	Check Headspace	3 25	91	RW
610	Dis-assemble Gun	3-25	91	RW
612	Magnaflux Barrel Action	3 28	91	KR
	Magnaflux Bolt	3 28	91	IC
615	Rollmark Caliber	3 28	91	GL
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-11-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/14/91	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-14-91	RL
	G) Safety Off Force	3	3	3			5-14-91	RL
	H) Trigger Pull Test & Retainability						5-14-91	RL
	I) Firing Pin Indent	.020	.021	.021			5-14-91	RL
	J) Assemble Stock						5/15/91	RW
	K) Assemble Swivel Studs						5-20-91	AF
	L) Attach Front and Rear Sight Assemblies						5/15/91	RW
	M) Iron Sight Alignment						5/15/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/15/91	RW
	O) Attach Scope to Rifle						5/15/91	RW
	P) Detach & Attach Scope 20 Times						5/15/91	RW
640	Gallery Target & Test						5-15-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-15-91	AF
655	Final Inspection							
	A) Headspace						5-20-91	AC
	B) Trigger Pull	2.19	2.15	2.21	2.19	2.21	5/20/91	RL
	C) Function						5-20-91	AC
660	Pack						6-19-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6611518
DATE 5/14/91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.34	2.40	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.32	2.45	2.15	
PULL #3	2.64	2.32	2.38	2.21	
PULL #4	2.64	2.38	2.42	2.19	
PULL #5	2.34	2.39	2.40	2.21	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.60		
PULL #2	3.52	3.64		
PULL #3	3.53	3.66		
PULL #4	3.59	3.57		
PULL #5	3.49	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.34		4.32
PULL #2	4.11	4.18		4.37
PULL #3	4.30	4.33		4.34
PULL #4	4.53	4.36		4.39
PULL #5	4.44	4.42		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611518
15 May 1991

CENTROIDAL DISTANCES

0 TO	1	.422522
1 TO	2	.467307
1 TO	3	.507209
1 TO	4	.220227
1 TO	5	.541025

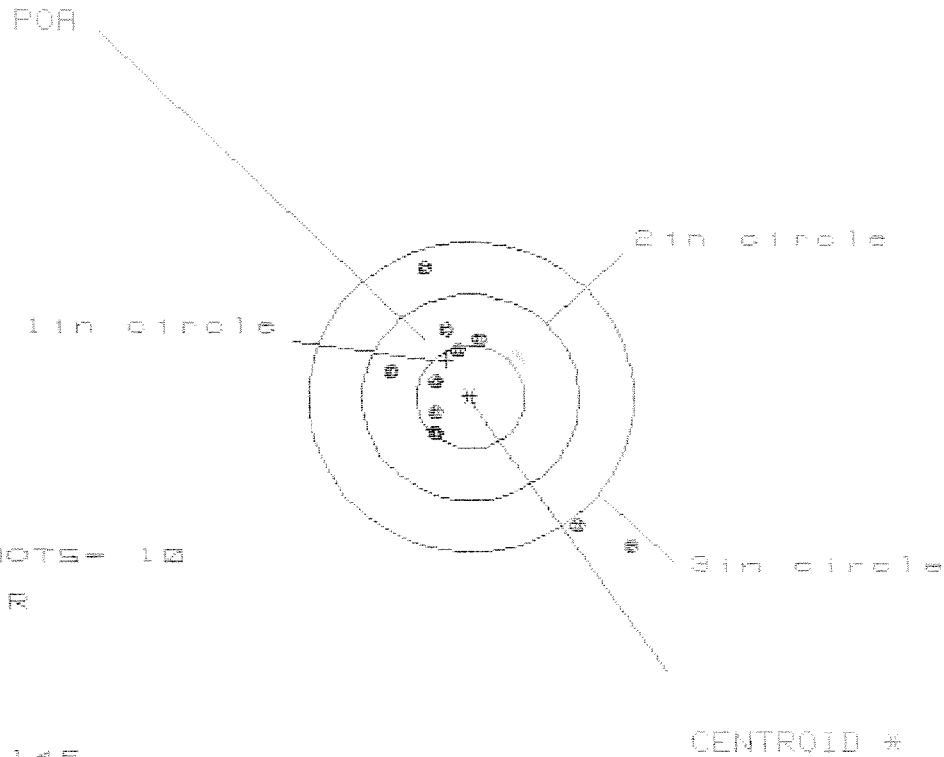
2.4 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0468
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0788
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0916498
THE AMR FOR THIS RIFLE IS: .8516

15 May 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.145

VS= 2.712

GS= 3.288

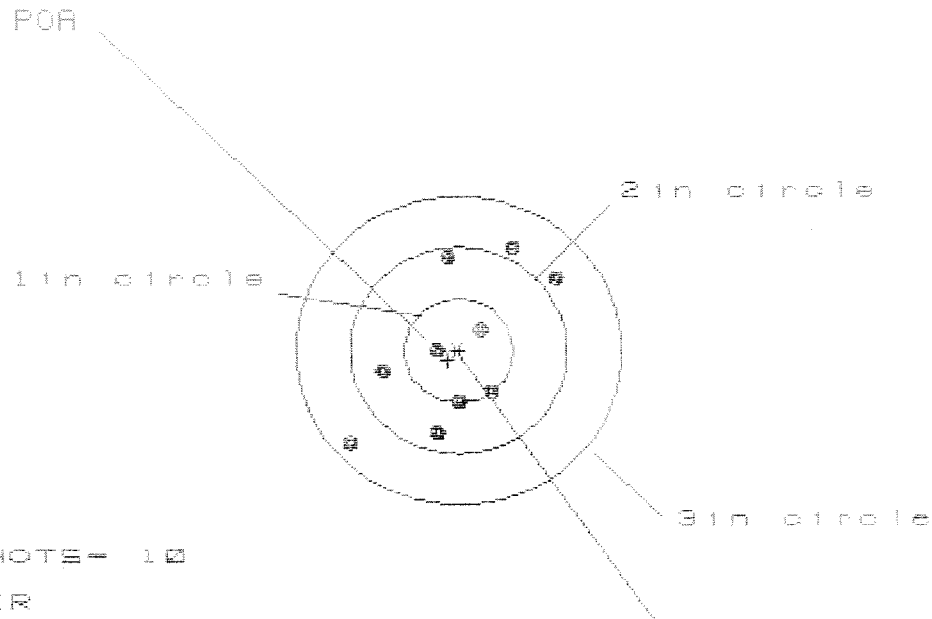
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.453	1.130	.403
MINIMUM X	-.692	-.531	-.390
MAXIMUM Y	1.221	1.055	.877
MINIMUM Y	-1.491	-1.422	-.727
CENTROID X	.226	.065	-.076
CENTROID Y	-.357	-.191	-.013
POA TO CENTROID in.	.422	.202	.078
MIN RADIUS	.363	.194	.178
MEAN RADIUS	.863	.638	.453
MAX RADIUS	2.082	1.817	.883
HORIZONTAL SPREAD	2.145	1.661	.792
VERTICAL SPREAD	2.712	2.477	1.604
EXTREME SPREAD	3.288	2.833	1.606
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.900

VS = 1.869

GS = 2.498

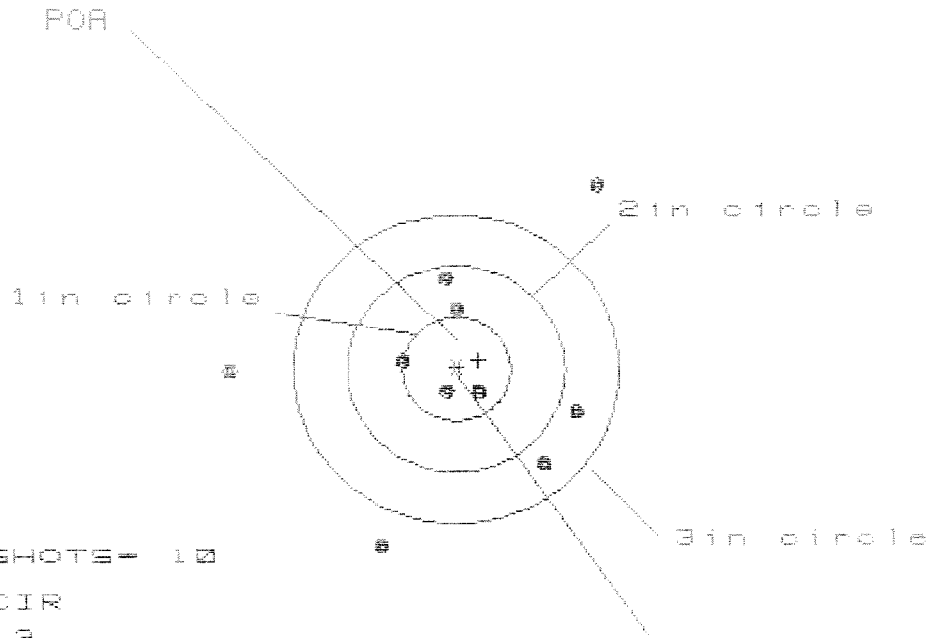
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.943	.837	.545
MINIMUM X	:	-.957	-.756	-.651
MAXIMUM Y	:	.961	.860	.937
MINIMUM Y	:	-.908	-.938	-.861
CENTROID X	:	.100	.206	.101
CENTROID Y	:	.093	.194	.117
POA TO CENTROID in.	:	.136	.283	.155
MIN RADIUS	:	.181	.169	.189
MEAN RADIUS	:	.752	.690	.630
MAX RADIUS	:	1.319	1.038	1.084
HORIZONTAL SPREAD	:	1.900	1.593	1.196
VERTICAL SPREAD	:	1.869	1.798	1.798
EXTREME SPREAD	:	2.498	1.960	1.960
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 7

HS = 3.374

VS = 3.429

GS = 3.968

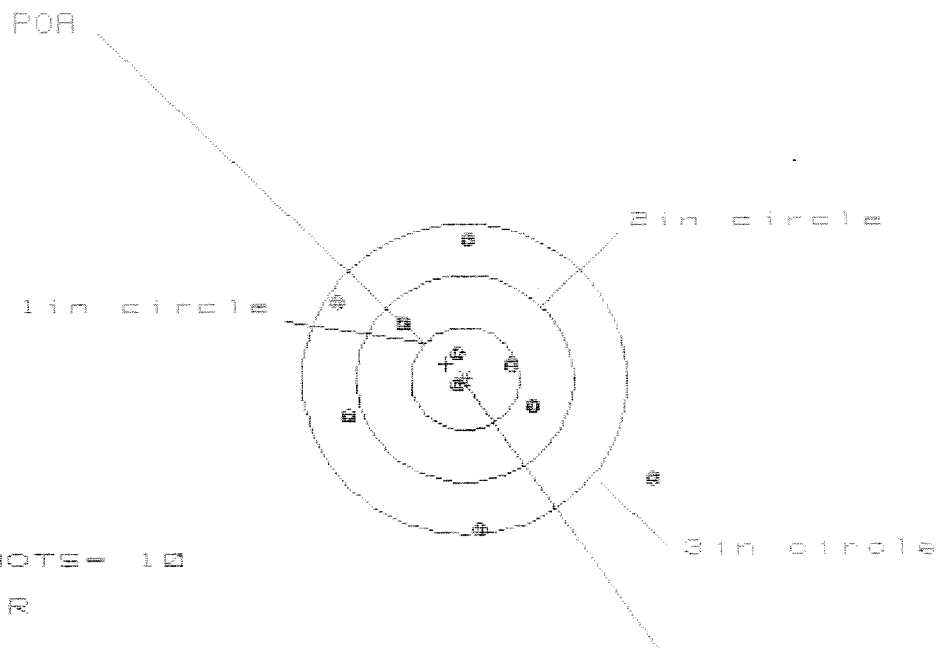
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.326	1.232	.995
MINIMUM X	:	-2.048	-1.901	-.760
MAXIMUM Y	:	1.762	1.126	1.152
MINIMUM Y	:	-1.667	-1.471	-1.445
CENTROID X	:	-.204	-.351	-.114
CENTROID Y	:	-.088	-.284	-.310
POA TO CENTROID in.	:	.222	.452	.330
MIN RADIUS	:	.190	.083	.103
MEAN RADIUS	:	1.095	.971	.821
MAX RADIUS	:	2.205	1.912	1.633
HORIZONTAL SPREAD	:	3.374	3.133	1.755
VERTICAL SPREAD	:	3.429	2.597	2.597
EXTREME SPREAD	:	3.968	3.166	2.655
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.916

VS= 2.842

GS= 3.330

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.709	.827	.871
MINIMUM X	:	-1.207	-1.017	-.973
MAXIMUM Y	:	1.360	1.259	1.061
MINIMUM Y	:	-1.482	-1.583	-.636
CENTROID X	:	.174	-.016	-.060
CENTROID Y	:	-.143	-.042	.156
POA TO CENTROID (in.)	:	.225	.045	.167
MIN RADIUS	:	.081	.173	.176
MEAN RADIUS	:	.951	.831	.727
MAX RADIUS	:	1.938	1.622	1.099
HORIZONTAL SPREAD	:	2.916	1.844	1.844
VERTICAL SPREAD	:	2.842	2.842	1.697
EXTREME SPREAD	:	3.330	2.844	2.082
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 5

2in = 9

3in = 10

HS= 1.626

VS= 1.515

GS= 1.756

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.796	.770	.663
MINIMUM X	-.830	-.856	-.722
MAXIMUM Y	.381	.255	.283
MINIMUM Y	-1.134	-.404	-.375
CENTROID X	-.062	-.036	.071
CENTROID Y	.101	.227	.198
POA TO CENTROID in.	.119	.230	.211
MIN RADIUS	.234	.138	.169
MEAN RADIUS	.597	.515	.470
MAX RADIUS	1.159	.886	.730
HORIZONTAL SPREAD	1.626	1.626	1.385
VERTICAL SPREAD	1.515	.659	.659
EXTREME SPREAD	1.759	1.642	1.387
NUMBER IN ONE INCH CIRCLE	= 5		
NUMBER IN TWO INCH CIRCLE	= 9		
NUMBER IN THREE INCH CIRCLE	= 10		