

C6523399

MODEL 760TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400027453

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON


 2
  3
  3
 



Serial Number: C6523399

Model: M24 SWS



RE00080680

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523399.___0
FILE DATE AND TIME: 06/04/2004 06:05

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:	0.050
The Average Point of Impact of the Five Target Set:	0.073
The Average Mean Radius of the Five Target Set:	0.568
The Distance from POA to Centroid Target #1:	0.046
The Distance from Centroid Target #2 to Centroid Target #1:	0.073
The Distance from Centroid Target #3 to Centroid Target #1:	0.080
The Distance from Centroid Target #4 to Centroid Target #1:	0.234
The Distance from Centroid Target #5 to Centroid Target #1:	0.218

SERIAL NUMBER: C6523399. __0

TARGET NUMBER: 1

FILE DATE: 06/04/2004

FILE TIME: 06:05

POINT#	X	Y
1:	1.313	-0.233
2:	0.889	-0.035
3:	0.672	0.035
4:	0.391	-0.075
5:	-0.130	-0.138
6:	-0.925	-0.246
7:	-0.320	0.523
8:	-0.487	0.189
9:	-0.554	-0.047
10:	-0.394	-0.005

X CENTROID: 0.046

Y CENTROID: -0.003

POA TO CENTROID: 0.046

HORZ SPREAD: 2.238

VERT SPREAD: 0.769

GROUP SPREAD: 2.238

MIN RADIUS: 0.221

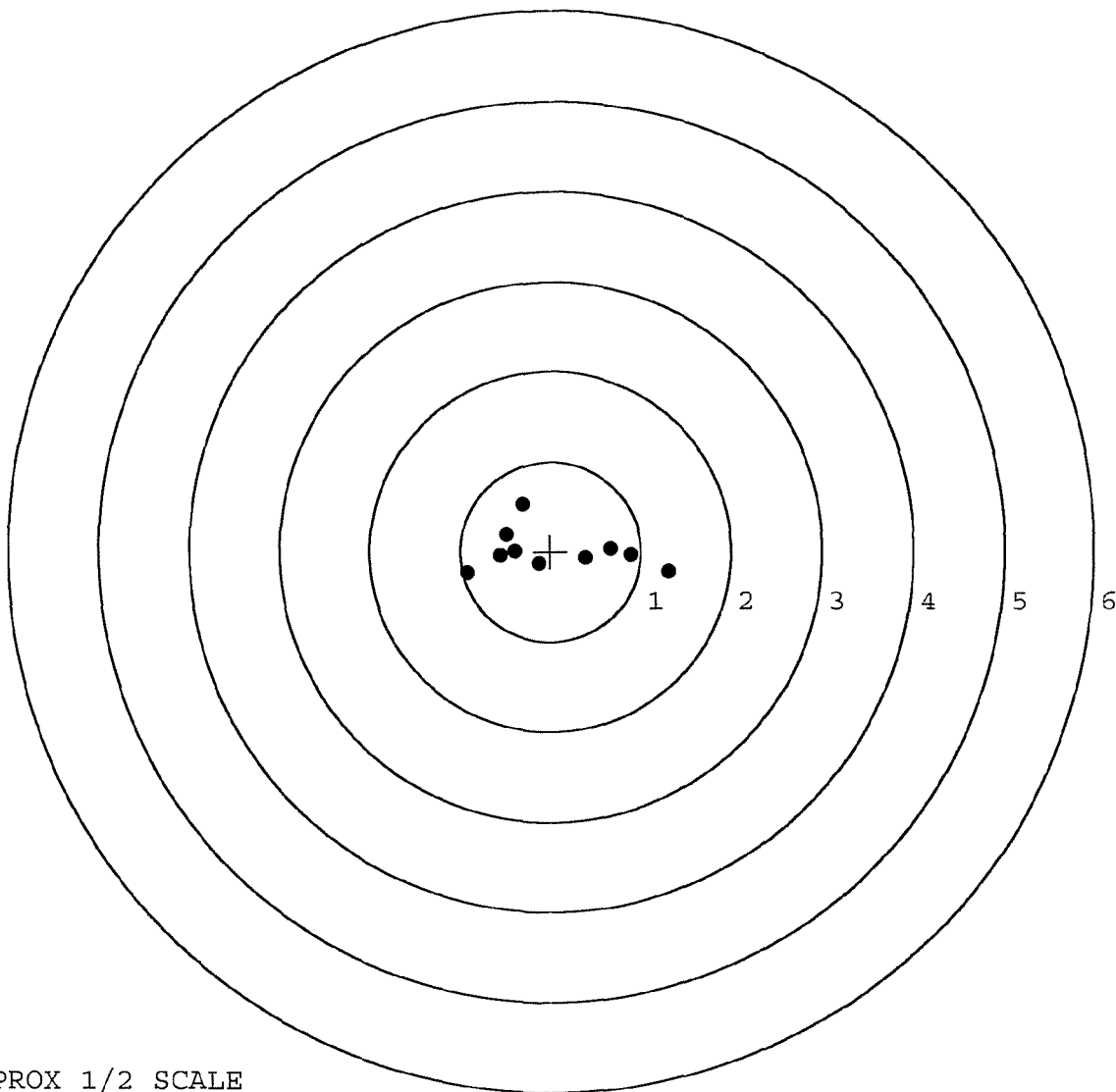
MAX RADIUS: 1.288

MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523399. __0

TARGET NUMBER: 2

FILE DATE: 06/04/2004

FILE TIME: 06:05

POINT#	X	Y
1:	0.225	0.982
2:	-0.326	0.780
3:	-0.616	0.341
4:	-0.195	0.071
5:	0.469	0.255
6:	0.289	0.059
7:	-0.123	-0.352
8:	-0.206	-0.791
9:	0.219	-0.467
10:	0.048	-0.613

X CENTROID: -0.022

Y CENTROID: 0.026

POA TO CENTROID: 0.034

HORZ SPREAD: 1.085

VERT SPREAD: 1.773

GROUP SPREAD: 1.825

MIN RADIUS: 0.179

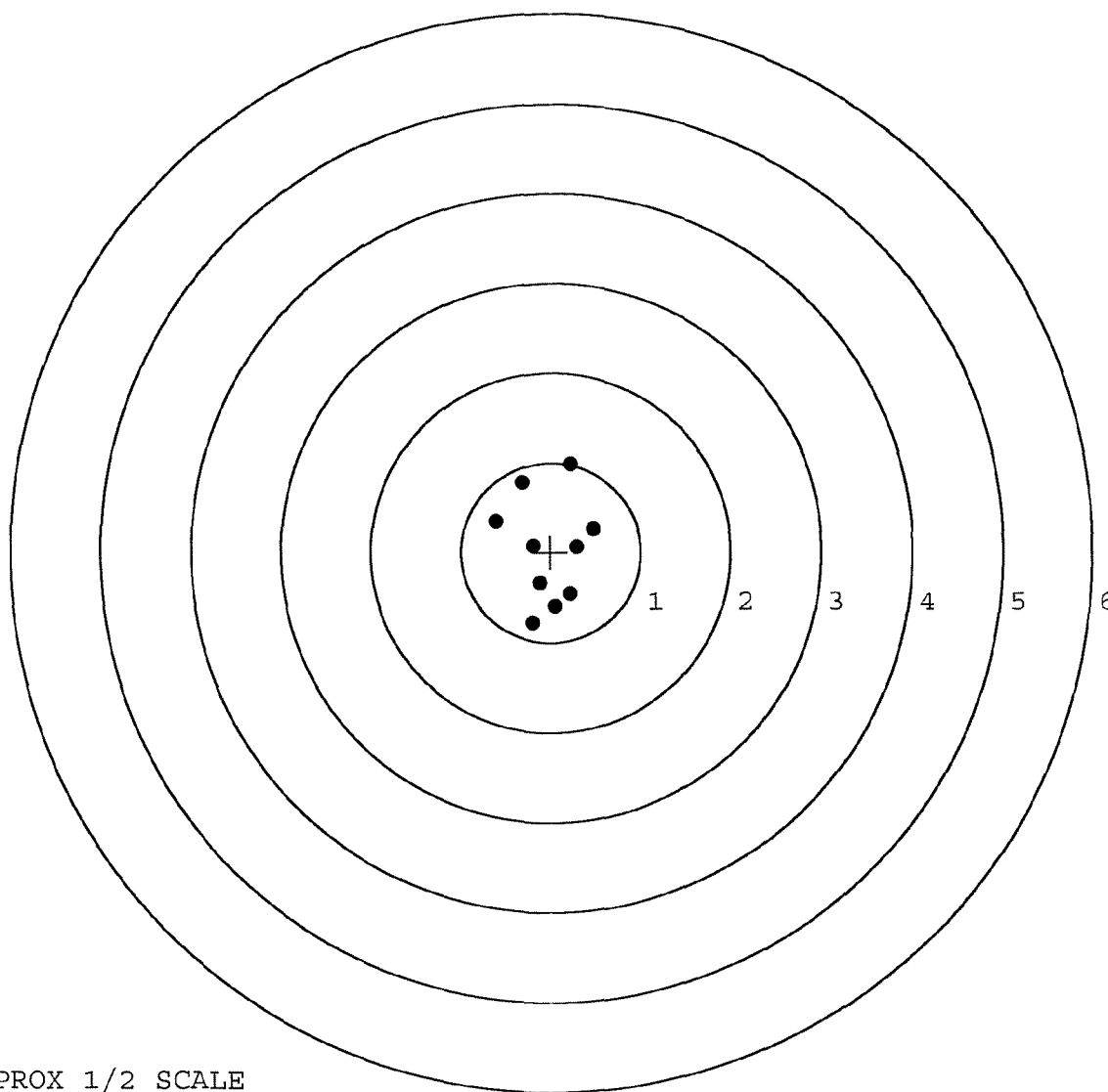
MAX RADIUS: 0.987

MEAN RADIUS: 0.593

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523399. 0

TARGET NUMBER: 3

FILE DATE: 06/04/2004

FILE TIME: 06:05

POINT#	X	Y
1:	-0.943	-0.085
2:	-0.380	-0.114
3:	0.225	0.094
4:	0.616	0.119
5:	-0.013	-0.524
6:	-0.050	-0.231
7:	0.569	0.878
8:	-0.093	0.774
9:	0.189	0.043
10:	-0.161	-0.361

X CENTROID: -0.004

Y CENTROID: 0.059

POA TO CENTROID: 0.059

HORZ SPREAD: 1.559

VERT SPREAD: 1.402

GROUP SPREAD: 1.793

MIN RADIUS: 0.194

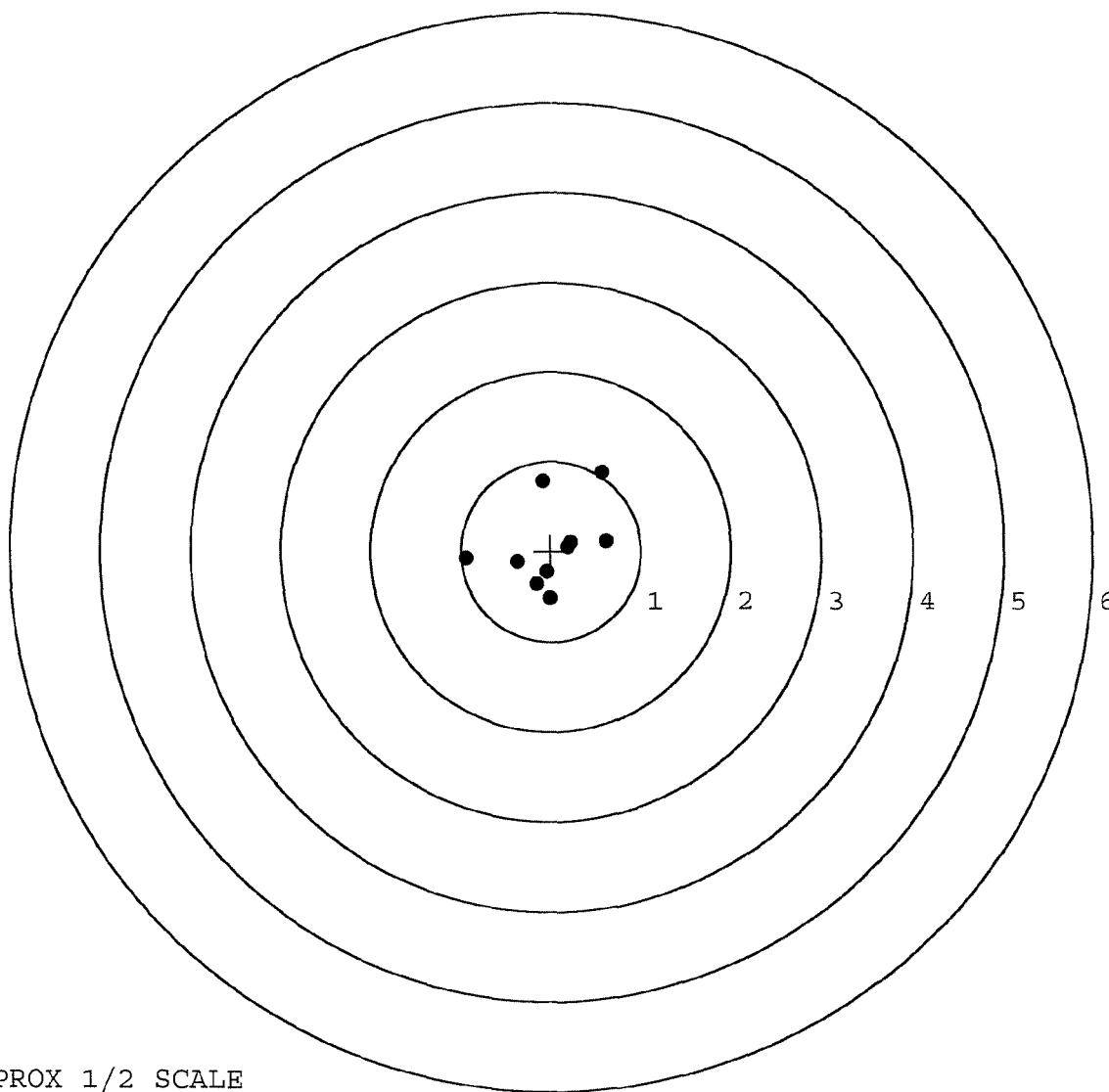
MAX RADIUS: 0.999

MEAN RADIUS: 0.546

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523399. __0

TARGET NUMBER: 4

FILE DATE: 06/04/2004

FILE TIME: 06:05

POINT#	X	Y
1:	-0.656	0.523
2:	-0.879	-0.242
3:	-0.633	-0.305
4:	-0.405	0.160
5:	-0.017	0.331
6:	0.332	0.003
7:	0.327	-0.145
8:	0.052	-0.243
9:	-0.086	-0.066
10:	0.078	0.056

X CENTROID: -0.189

Y CENTROID: 0.007

POA TO CENTROID: 0.189

HORZ SPREAD: 1.211

VERT SPREAD: 0.828

GROUP SPREAD: 1.236

MIN RADIUS: 0.126

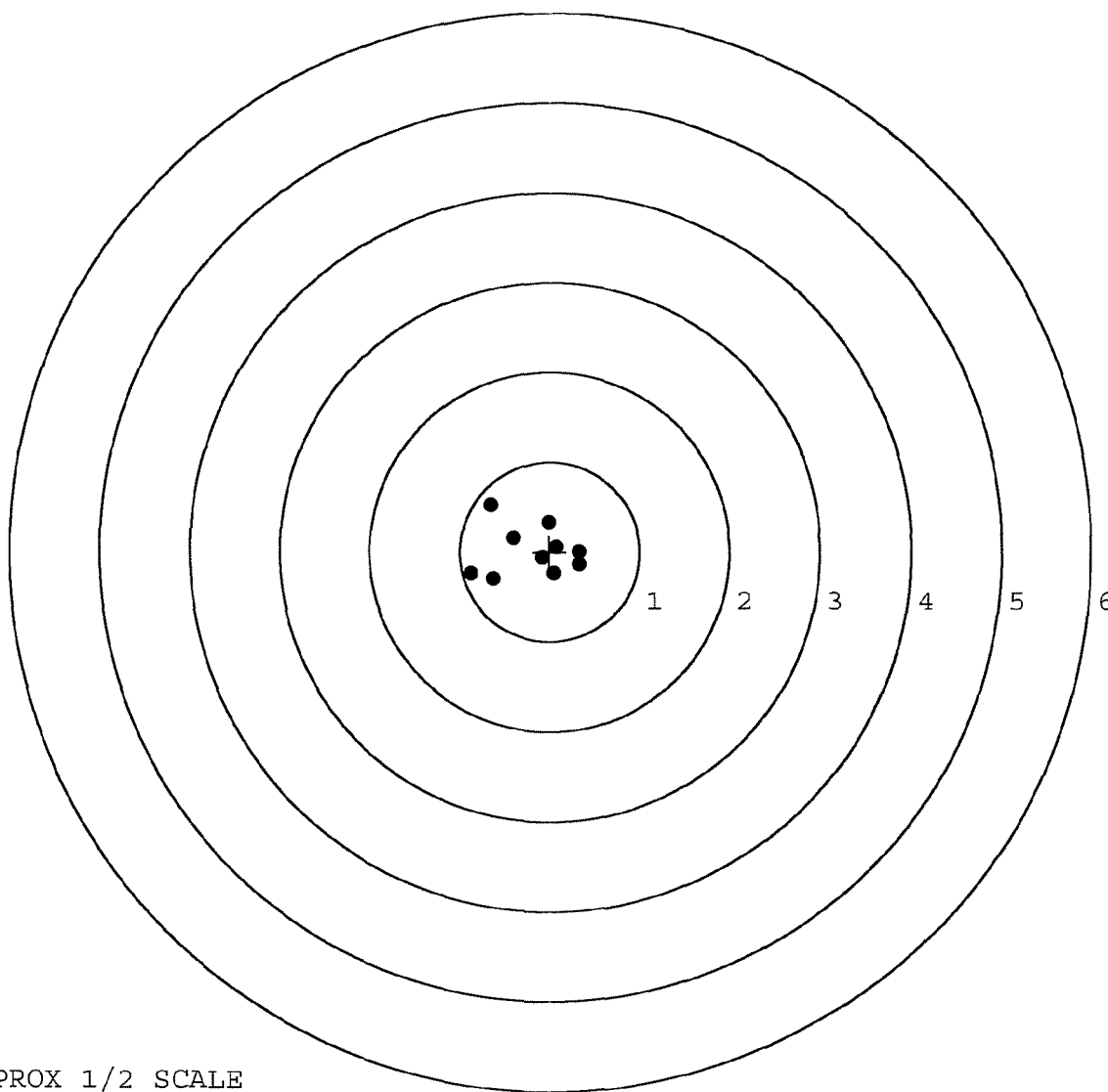
MAX RADIUS: 0.734

MEAN RADIUS: 0.441

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523399. __0

TARGET NUMBER: 5

FILE DATE: 06/04/2004

FILE TIME: 06:05

POINT#	X	Y
1:	0.261	0.785
2:	0.573	0.629
3:	-0.480	0.478
4:	-0.847	0.411
5:	-0.988	-0.003
6:	-0.025	-0.599
7:	-0.243	-0.078
8:	-0.019	0.211
9:	0.240	0.069
10:	0.540	-0.297

X CENTROID: -0.099

Y CENTROID: 0.161

POA TO CENTROID: 0.189

HORZ SPREAD: 1.561

VERT SPREAD: 1.384

GROUP SPREAD: 1.684

MIN RADIUS: 0.094

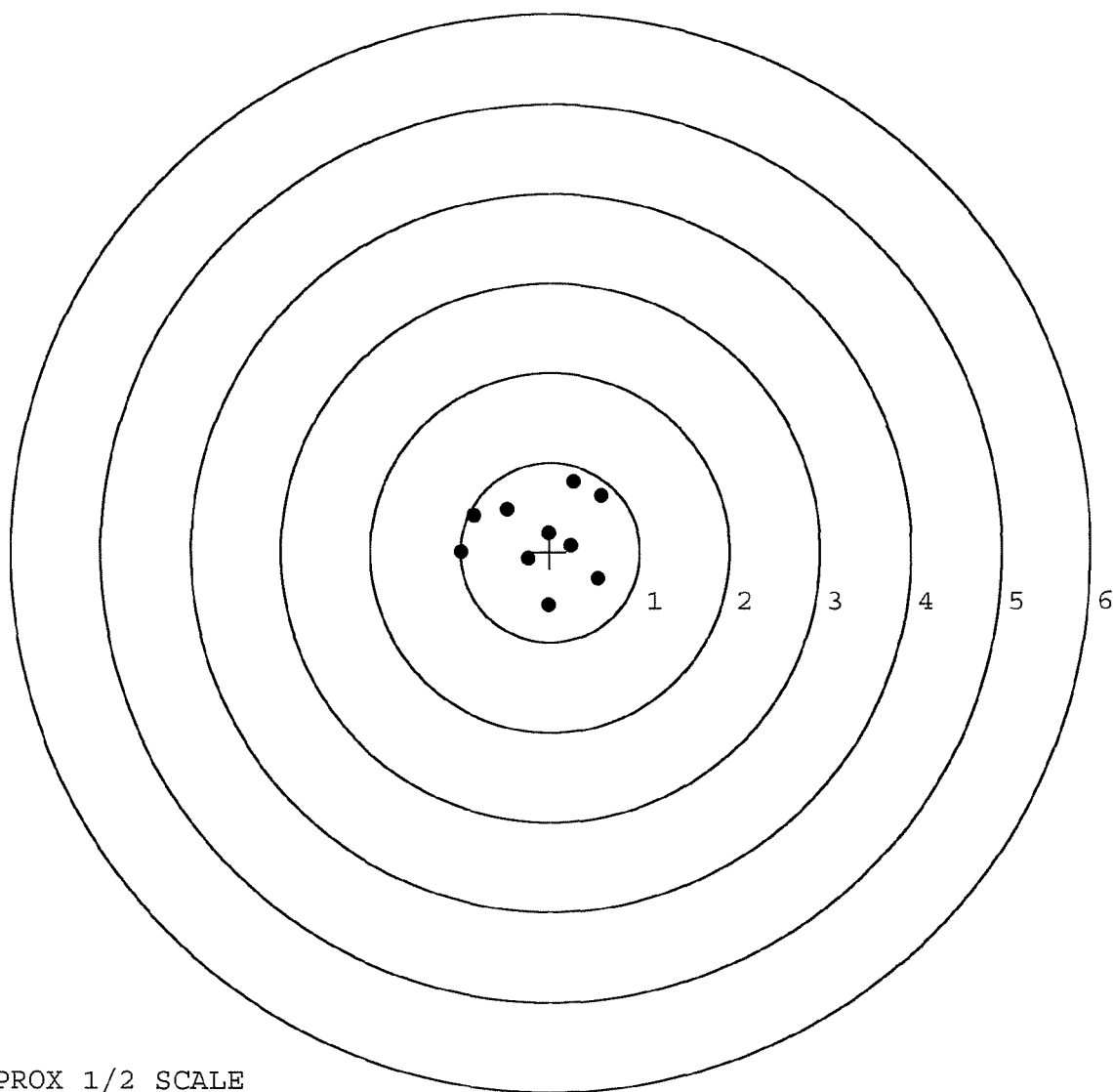
MAX RADIUS: 0.904

MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	80680		
SERIAL NUMBER	065Z3399		
LOG-IN DATE	5-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-10-04	RTL
560 A	RE-BARREL	5-14-04	RTL
B	DRILL AND TAP	5-20-04	TRW
575	ASSEMBLE	5-04-04	RTL
600	PROOF	5-18-04	AC
605	CHECK HEADSPACE	5-11-04	AC
610	DIS-ASSEMBLE GUN	5-18-04	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	5/28/04	AB
618	ROTO-BLAST	5/24/04	DG
620	APPLY COATINGS	6-1	TA
625 A	FINAL ASSEMBLY	6-3-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-4-04	AC
655	FINAL INSPECT	6-7-04	RTL
660	PACK	6-7-04	NA
		SHIP DATE	
QAR INSPECTION DATE			

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

SERIAL # C6523399 INSPECTED BY: RTZ

DATE REC'D: 5/6-04 DATE RET'D: 6-7-04

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

GFM

CONTRACT # DAAA21-87-C-0086

Repair

GUN SERIAL # C6523399

OP. #	OP. NAME	READINGS	DATE	INIT
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		2/23/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/23/93	RW
	C) Inspect Ejector Hole for Chamfer		2/23/93	RW
	D) Oil Firing Pin Ass'y		2/23/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/23/93	RW

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/23/93	RW
	G) Safety Off Force	3	2.5	2.5			2/23/93	RW
	H) Trigger Pull Test & Retainability						2/23/93	RW
	I) Firing Pin Indent							
	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						2/23/93	RW
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						3/1/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						3/1/93	RW
655	Final Inspection							
	A) Headspace						3/1/93	RW
	B) Trigger Pull	2.65	2.68	2.69	2.73	2.53	3/1/93	RW
	C) Function						3/1/93	RW
660	Pack							

SWS TRIGGER PULL TEST

New Trigger Assy.

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

SERIAL NO. C6523399

DATE 2/23/93

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.55	2.61		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.48	2.62		
PULL #3	2.38	2.50	2.58		
PULL #4	2.39	2.53	2.62		
PULL #5	2.40	2.51	2.64		
TOTAL	11.78	12.57	13.07		
AVG.	2.36	2.51	2.61		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.10		
PULL #2	3.23	3.07		
PULL #3	3.10	3.03		
PULL #4	3.17	3.20		
PULL #5	3.15	3.14		
TOTAL	15.79	15.54		
AVG.	3.16	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.15		4.23
PULL #2	4.10	4.13		4.25
PULL #3	4.28	4.17		4.18
PULL #4	4.19	4.12		4.27
PULL #5	4.19	4.25		4.19
TOTAL	21.04	20.84		21.12
AVG.	4.21	4.17		4.22

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 93-02463

INITIAL CUSTOMER ORDER NO.

WOG 13 OF 30 W/10X SCOPE & DEPLOYMENT KIT
N24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/25/93

01/25/93

EK 10-90

C6523399

700 7-62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

SOFT CASE

SCOPE BASE

FROM:

SHIP TO:

MCHALE, EDWARD J CPT,SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

MCHALE, EDWARD J CPT,SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO:073985 C.E.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE



CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UPS

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

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400027466

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



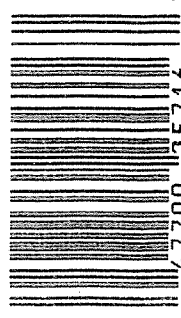

REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO. C6523399	ORDER NO. 5716
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UPC



0 47700 25716 7



5716 C6523399

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523399

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10 9	90	RW
612	Magnaflux Barrel Action		10/17/90	KR
	Magnaflux Bolt		10/17/90	KR
615	Rollmark Caliber		10/17/90	LS
617	Drill and Tap Sight Holes		10/18/90	FJB
618	Polish Barrel <i>AB</i>		10/19/90	WBS
620	Apply Coatings (Barrel Action)		11-5-90	<i>JA</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-90	<i>JA</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/13/90	WB
	G) Safety Off Force	2	2	2			11/13/90	WB
	H) Trigger Pull Test & Retainability						11-13-90	ELL
	I) Firing Pin Indent	1020	1020	1020			11/13/90	WB
	J) Assemble Stock						11/14/90	RW
	K) Assemble Swivel Studs						11/14/90	928
	L) Attach Front and Rear Sight Assemblies						11/14/90	RW
	M) Iron Sight Alignment						11/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/14/90	RW
	O) Attach Scope to Rifle						11/14/90	RW
	P) Detach & Attach Scope 20 Times						11/14/90	RW
640	Gallery Target & Test						11-15-90	AC
	A) Time						11-15-90	AC
	B) Malfunctions						11-15-90	AC
	C) Pierced Primers						11-15-90	AC
	D) Optical Clarity of Scope						11-15-90	AC
645	Inspect for Live Ammo						11-15-90	AC
655	Final Inspection							
	A) Headspace						11/19/90	928
	B) Trigger Pull	209	206	210	211	215	11/19/90	928
	C) Function						11/19/90	928
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6523394

DATE 11-13-90

TESTER: JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.36	2.32	2.09	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.24	2.27	2.06	
PULL #3	2.23	2.33	2.31	2.10	
PULL #4	2.26	2.50	2.33	2.11	
PULL #5	2.31	2.44	2.45	2.15	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.42		
PULL #2	3.41	3.37		
PULL #3	3.41	3.38		
PULL #4	3.35	3.46		
PULL #5	3.35	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.17		4.27
PULL #2	4.20	4.18		4.18
PULL #3	4.17	4.20		4.33
PULL #4	4.20	4.24		4.32
PULL #5	4.19	4.22		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523399
15 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.292282
1 TO	2	.249776
1 TO	3	.636958
1 TO	4	.461374
1 TO	5	.120416

$\frac{1}{3}$ 3 <-----POA

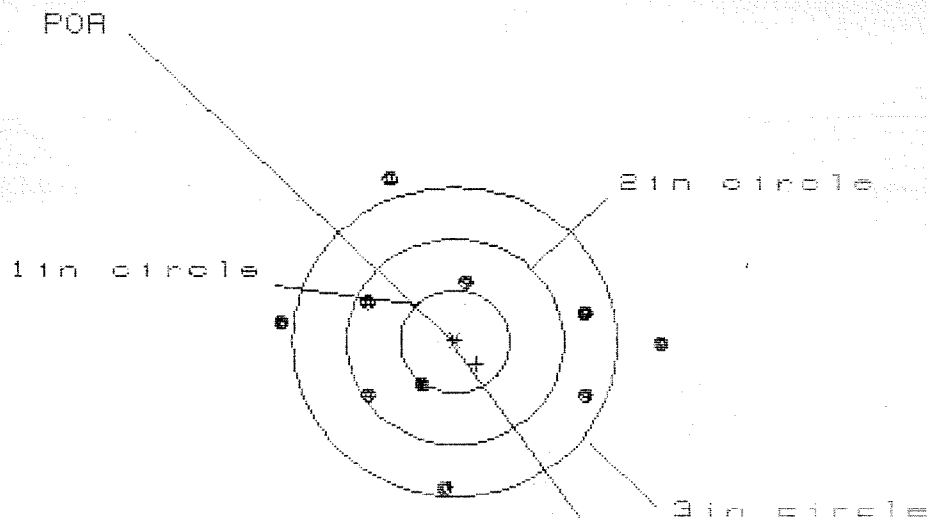
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1084
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .109275

THE AMR FOR THIS RIFLE IS: 1.1

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523359

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 0

2in - 4

3in = 7

HS- 3.551

VS= 3.028

GS= 3.557

CENTROID *

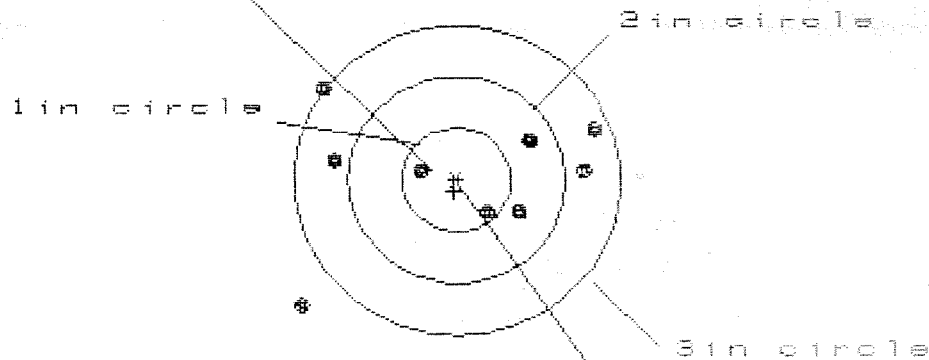
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.926	1.384	1.334
MINIMUM X	:	-1.625	-1.411	-1.461
MAXIMUM Y	:	1.567	1.562	.762
MINIMUM Y	:	-1.461	-1.466	-1.271
CENTROID X	:	-.198	-.412	-.362
CENTROID Y	:	.215	.221	.026
POA TO CENTROID in.	:	.293	.468	.363
MIN RADIUS	:	.553	.459	.304
MEAN RADIUS	:	1.212	1.100	1.023
MAX RADIUS	:	1.927	1.614	1.501
HORIZONTAL SPREAD	:	3.551	2.795	2.795
VERTICAL SPREAD	:	3.028	3.028	2.030
EXTREME SPREAD	:	3.557	3.068	2.879
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523399

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 5

3 in - 8

HS= 2.706

VS= 2.117

GS= 3.169

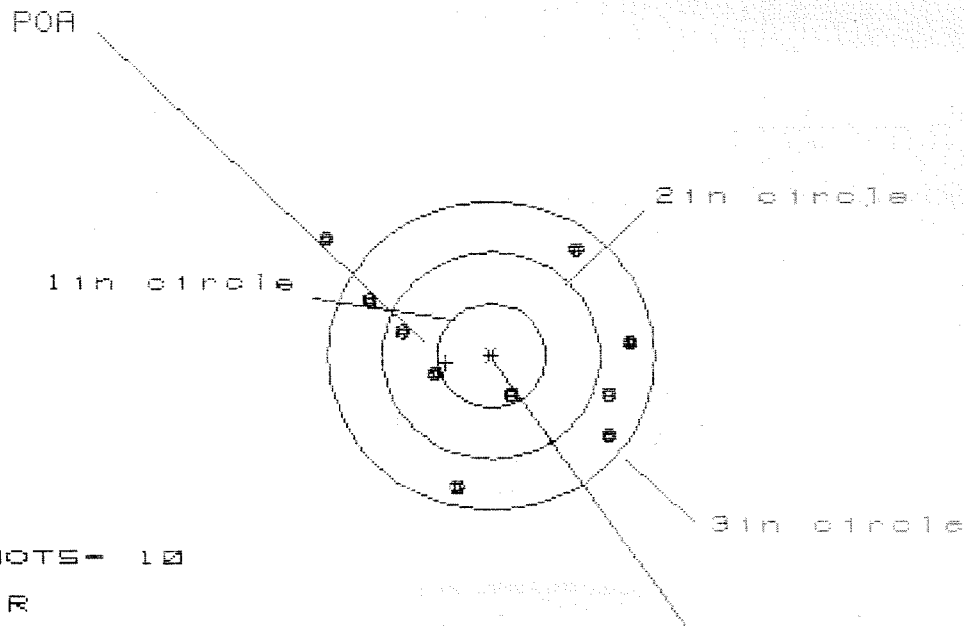
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.262	1.102	.932
MINIMUM X	:	-1.444	-1.355	-1.488
MAXIMUM Y	:	.934	.803	.436
MINIMUM Y	:	-1.183	-.460	-.360
CENTROID X	:	.030	.190	.360
CENTROID Y	:	.113	.244	.144
POA TO CENTROID in.	:	.117	.310	.388
MIN RADIUS	:	.347	.412	.323
MEAN RADIUS	:	.963	.848	.708
MAX RADIUS	:	1.867	1.575	1.496
HORIZONTAL SPREAD	:	2.706	2.457	2.420
VERTICAL SPREAD	:	2.117	1.263	.796
EXTREME SPREAD	:	3.169	2.514	2.436
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523399

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 2.802

VS= 2.400

GS= 3.270

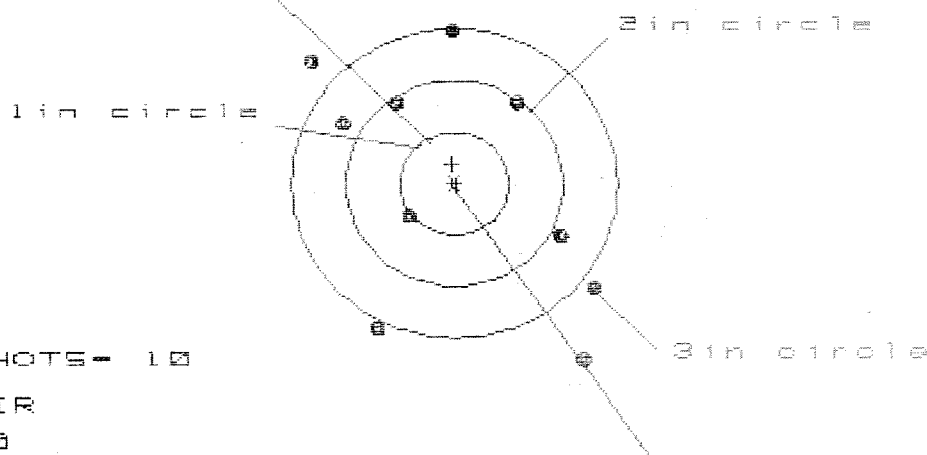
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.240
MINIMUM X	-1.562
MAXIMUM Y	1.115
MINIMUM Y	-1.285
CENTROID X	.422
CENTROID Y	.069
POA TO CENTROID in.	.428
MIN RADIUS	.399
MEAN RADIUS	1.126
MAX RADIUS	1.919
HORIZONTAL SPREAD	2.802
VERTICAL SPREAD	2.400
EXTREME SPREAD	3.270
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	9

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CENTERFIRE PATTERNS # 4

POR



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 2.687

VS= 3.118

GS= 3.832

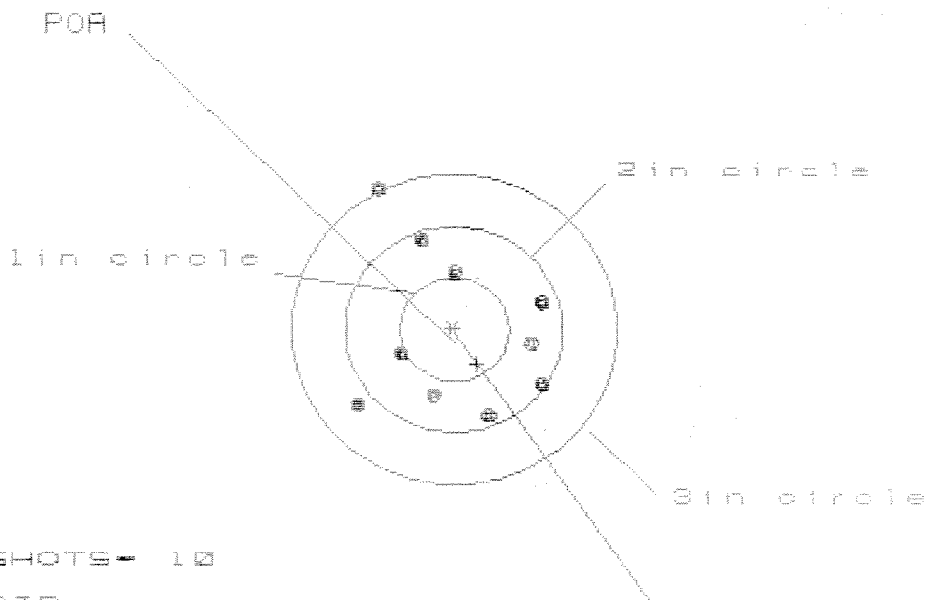
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.321	1.450	1.295
MINIMUM X	:	-1.366	-1.237	-1.054
MAXIMUM Y	:	1.457	1.272	1.402
MINIMUM Y	:	-1.661	-1.558	-1.428
CENTROID X	:	.023	-.106	.049
CENTROID Y	:	-.190	-.005	-.135
POR TO CENTROID in.	:	.191	.106	.143
MIN RADIUS	:	.529	.588	.584
MEAN RADIUS	:	1.327	1.218	1.175
MAX RADIUS	:	2.026	1.893	1.691
HORIZONTAL SPREAD	:	2.687	2.687	2.349
VERTICAL SPREAD	:	3.118	2.830	2.830
EXTREME SPREAD	:	3.832	3.507	2.919
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 8

3in = 9

HS= 1.691

VS= 2.141

CS= 2.410

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.838	.759	.642
MINIMUM X	:	-.854	-.932	-.729
MAXIMUM Y	:	1.334	.988	.920
MINIMUM Y	:	-.807	-.658	-.726
CENTROID X	:	-.208	-.130	-.013
CENTROID Y	:	.335	.186	.254
POA TO CENTROID in.	:	.394	.227	.254
MIN RADIUS	:	.579	.590	.474
MEAN RADIUS	:	.872	.782	.734
MAX RADIUS	:	1.510	1.078	1.033
HORIZONTAL SPREAD	:	1.691	1.691	1.371
VERTICAL SPREAD	:	2.141	1.646	1.646
EXTREME SPREAD	:	2.410	1.915	1.754
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

