

G6616375
Replaced

C.6225493

Repair Inquiry

Repair Number: RE00120771

Serial: C6225493 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 11/27/2006 1:08:17 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SFC KIRCHNER

SFC KIRCHNER

Address 1: HSC 1/7 SFG (A)

HSC 1/7 SFG (A)

Address 2: BLDG E-3622 JUST CAUSE DR

PO Box:

BLDG E-3622 JUST CAUSE DR

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: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglet

11/27/2006

1:35 PM

CAPS

NUM

JNS

SCPL

Serial
Number:G6616375
~~C6225493~~

Model: M24 SWS



RE00120771

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616375.___0

FILE DATE AND TIME: 12/16/2006 06:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.051
The Average Y Centroid of the Five Target Set:	-0.031
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.173
The Distance from Centroid Target #3 to Centroid Target #1:	0.112
The Distance from Centroid Target #4 to Centroid Target #1:	0.073
The Distance from Centroid Target #5 to Centroid Target #1:	0.083

SERIAL NUMBER: G6616375. __0

TARGET NUMBER: 1

FILE DATE: 12/16/2006

FILE TIME: 06:05

X CENTROID: -0.036

Y CENTROID: 0.039

POA TO CENTROID: 0.053

HORZ SPREAD: 1.005

VERT SPREAD: 2.037

GROUP SPREAD: 2.039

MIN RADIUS: 0.058

MAX RADIUS: 1.267

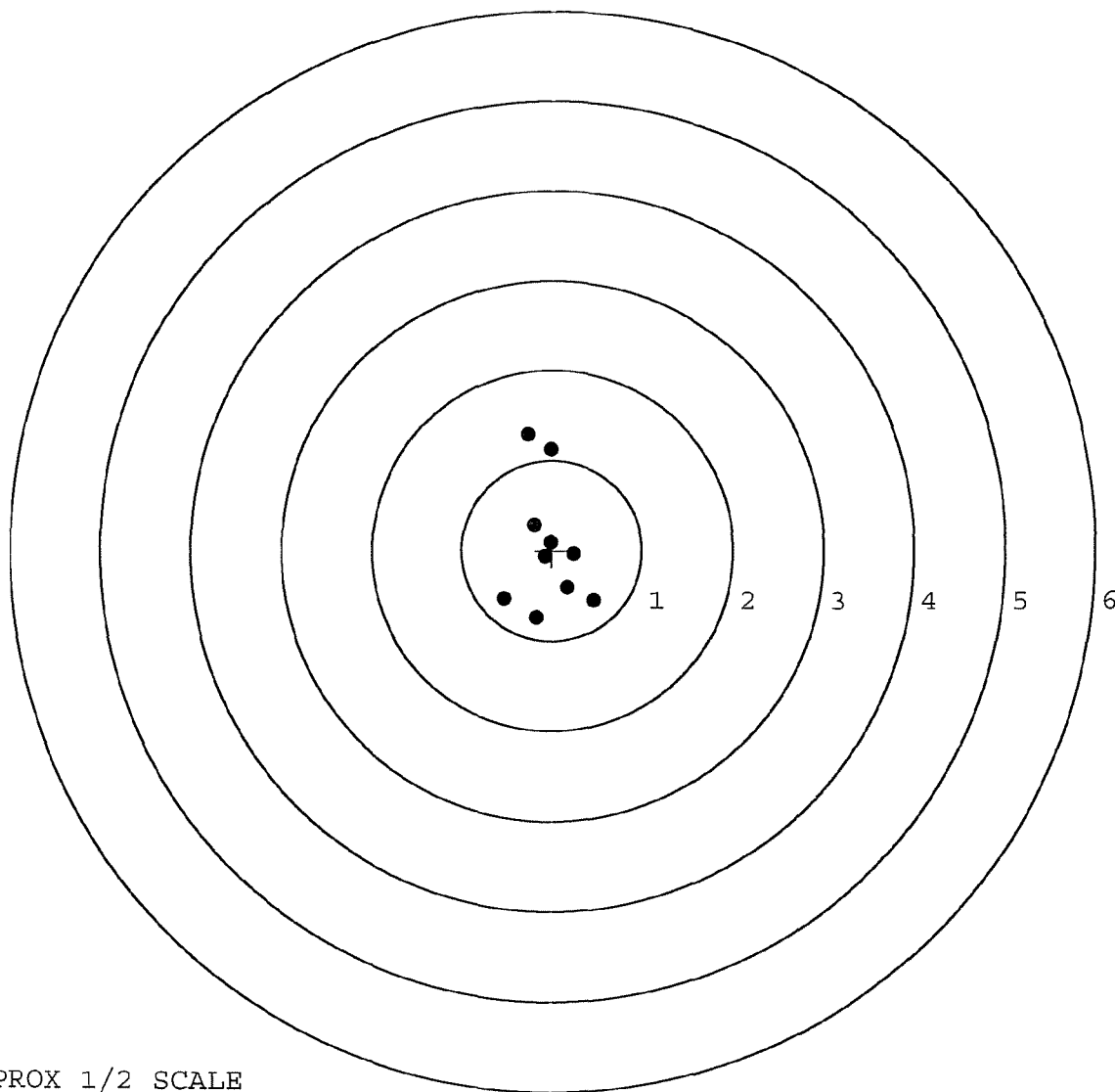
MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.266	1.285
2:	-0.007	1.114
3:	-0.167	-0.752
4:	-0.533	-0.540
5:	0.472	-0.558
6:	0.179	-0.415
7:	0.249	-0.045
8:	-0.075	-0.071
9:	-0.197	0.281
10:	-0.013	0.092

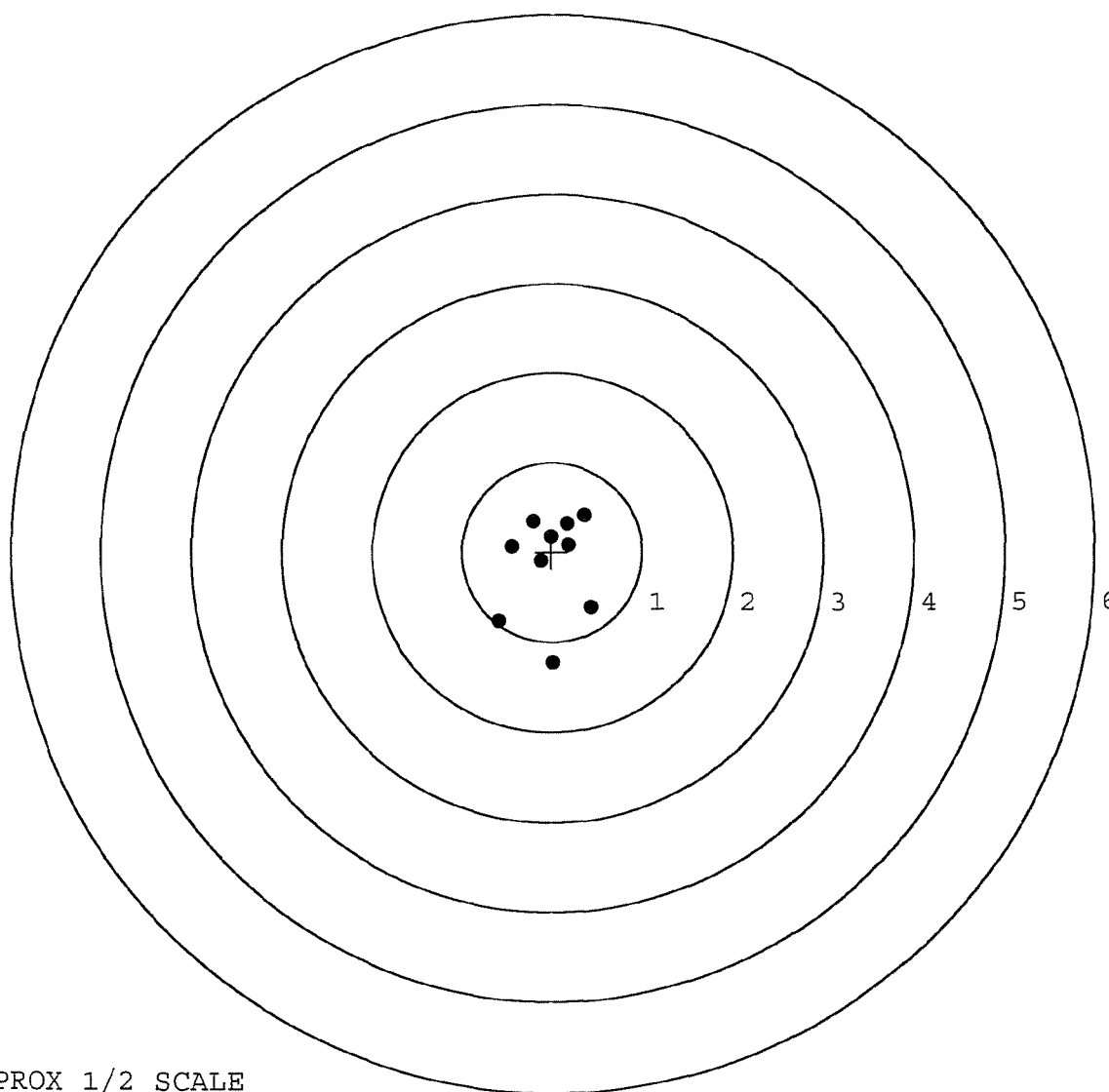


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0
TARGET NUMBER: 2
FILE DATE: 12/16/2006
FILE TIME: 06:05

POINT#	X	Y
1:	-0.593	-0.767
2:	0.017	-1.235
3:	0.436	-0.618
4:	-0.122	-0.100
5:	-0.445	0.063
6:	0.193	0.076
7:	-0.212	0.343
8:	0.360	0.419
9:	0.168	0.315
10:	-0.009	0.167

X CENTROID: -0.021
Y CENTROID: -0.134
POA TO CENTROID: 0.135
HORZ SPREAD: 1.029
VERT SPREAD: 1.654
GROUP SPREAD: 1.689
MIN RADIUS: 0.107
MAX RADIUS: 1.102
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

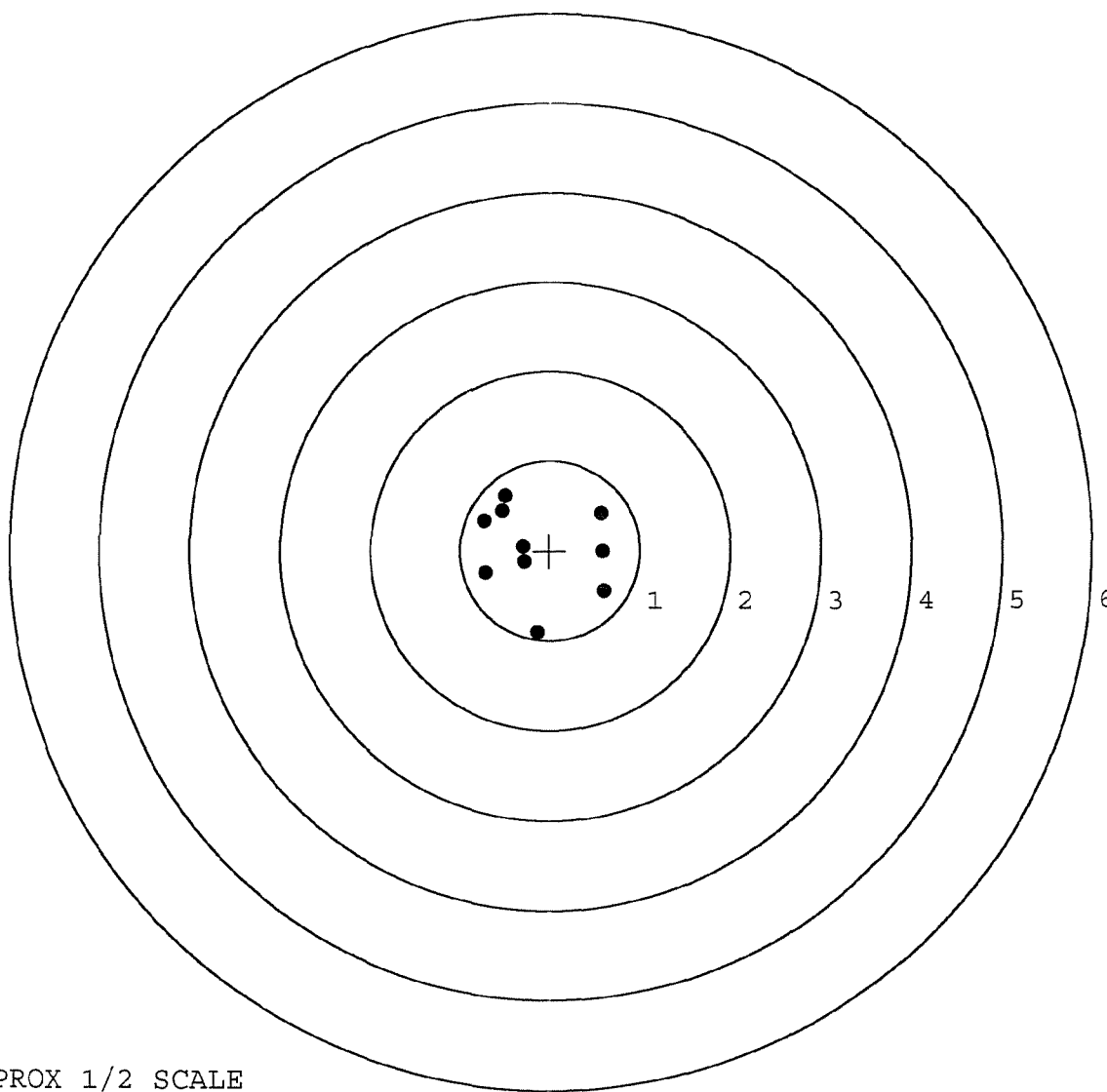


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0
TARGET NUMBER: 3
FILE DATE: 12/16/2006
FILE TIME: 06:05

POINT#	X	Y
1:	-0.145	-0.916
2:	0.602	-0.448
3:	0.591	-0.013
4:	0.569	0.415
5:	-0.717	-0.246
6:	-0.284	-0.123
7:	-0.297	0.050
8:	-0.495	0.613
9:	-0.735	0.335
10:	-0.532	0.440

X CENTROID: -0.144
Y CENTROID: 0.011
POA TO CENTROID: 0.145
HORZ SPREAD: 1.337
VERT SPREAD: 1.529
GROUP SPREAD: 1.569
MIN RADIUS: 0.158
MAX RADIUS: 0.927
MEAN RADIUS: 0.629
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0

TARGET NUMBER: 4

FILE DATE: 12/16/2006

FILE TIME: 06:05

X CENTROID: -0.045

Y CENTROID: -0.033

POA TO CENTROID: 0.056

HORZ SPREAD: 1.635

VERT SPREAD: 1.709

GROUP SPREAD: 1.754

MIN RADIUS: 0.162

MAX RADIUS: 1.023

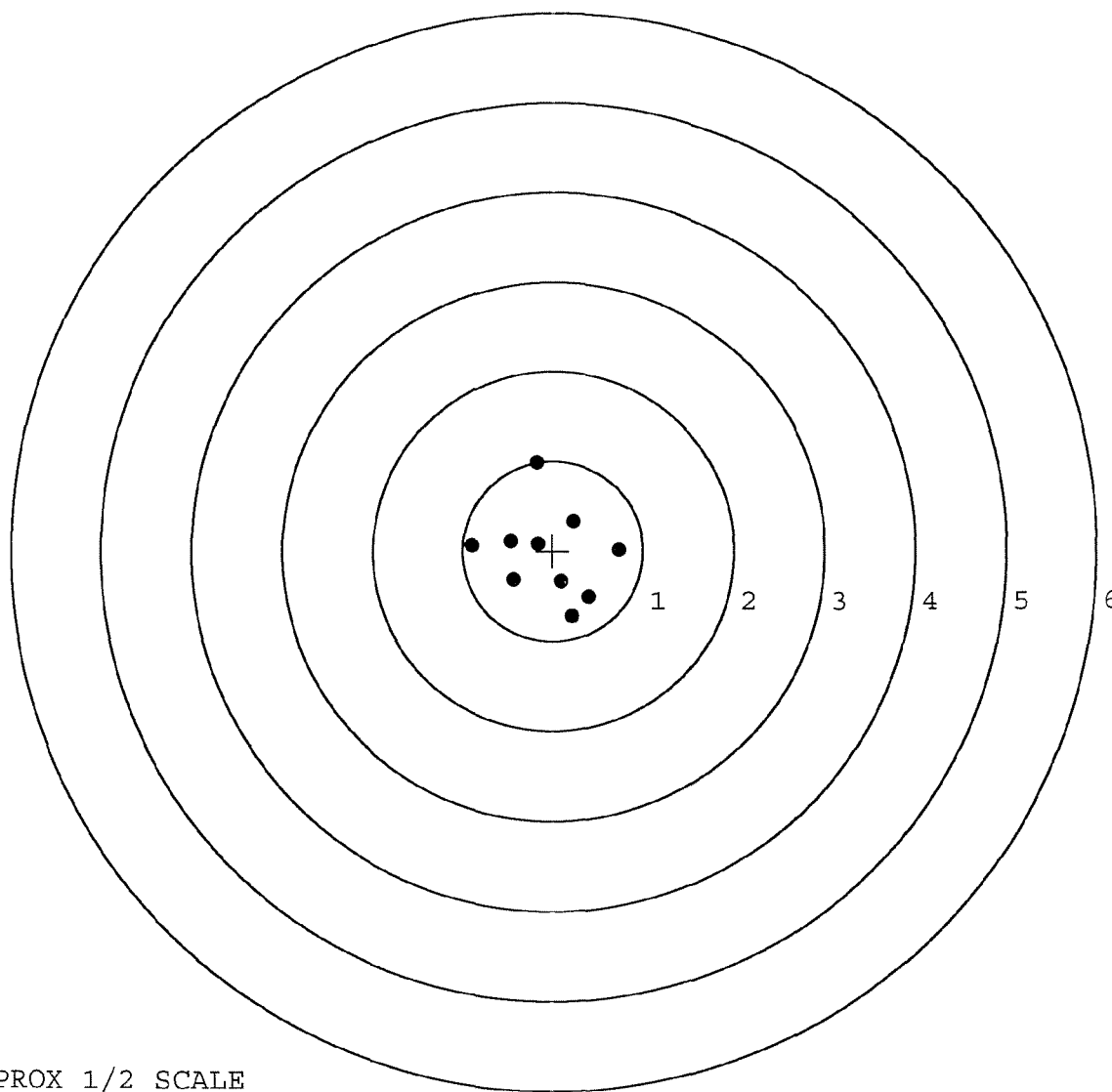
MEAN RADIUS: 0.594

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.178	0.982
2:	0.231	0.325
3:	-0.165	0.076
4:	-0.462	0.113
5:	-0.896	0.062
6:	-0.436	-0.322
7:	0.094	-0.341
8:	0.403	-0.509
9:	0.217	-0.727
10:	0.739	0.013

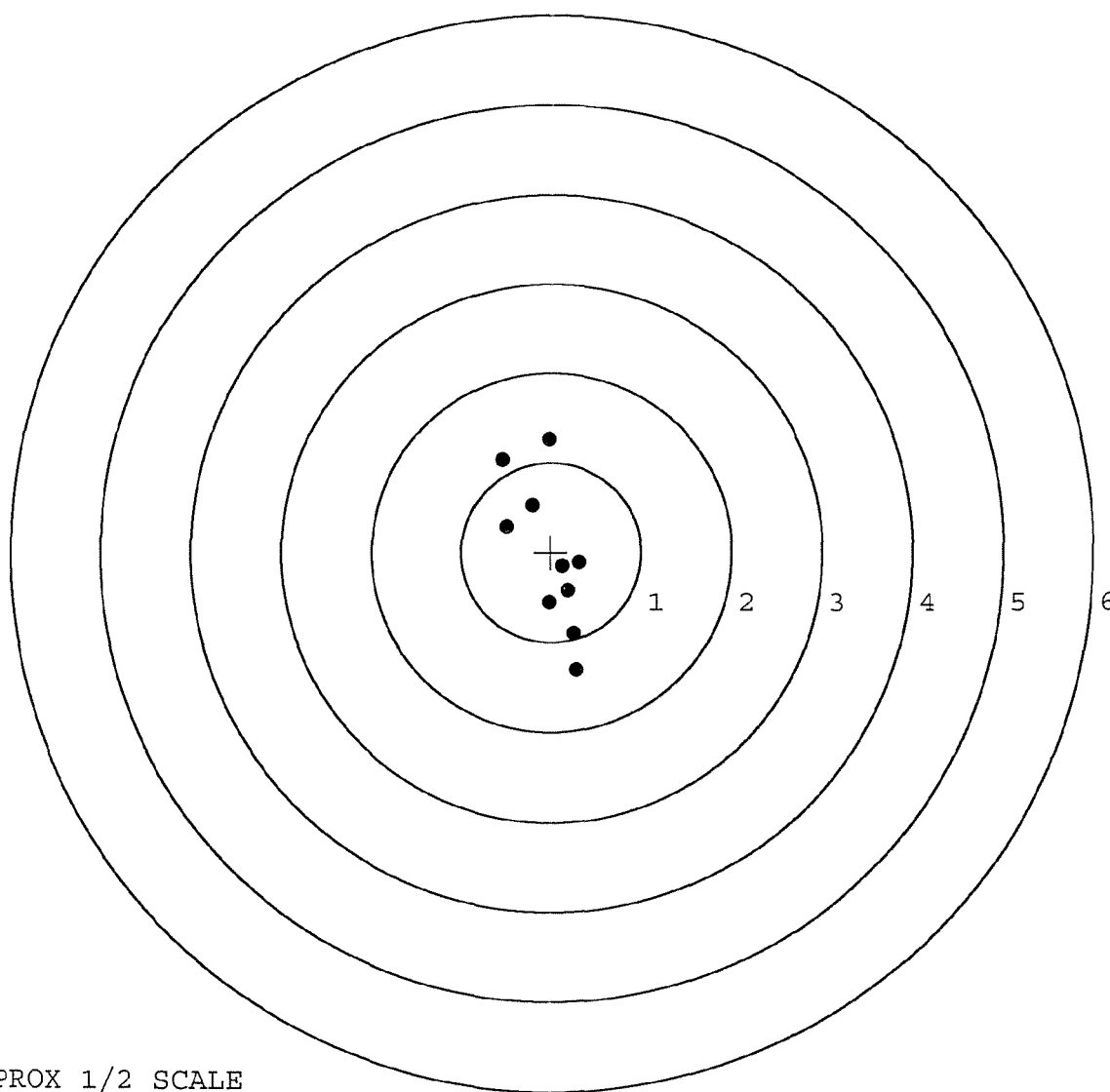


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0
TARGET NUMBER: 5
FILE DATE: 12/16/2006
FILE TIME: 06:05

POINT#	X	Y
1:	-0.026	1.258
2:	-0.543	1.030
3:	-0.212	0.525
4:	-0.497	0.282
5:	0.292	-1.316
6:	0.257	-0.913
7:	-0.023	-0.566
8:	0.191	-0.429
9:	0.319	-0.117
10:	0.130	-0.160

X CENTROID: -0.011
Y CENTROID: -0.041
POA TO CENTROID: 0.042
HORZ SPREAD: 0.862
VERT SPREAD: 2.574
GROUP SPREAD: 2.594
MIN RADIUS: 0.185
MAX RADIUS: 1.311
MEAN RADIUS: 0.739
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	120771		
SERIAL NUMBER	G66016375		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	RTZ
505	RE-BARREL	11-30-06	RTZ
420	ASSEMBLE	12-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED DEC 05 2006 OPERATOR <u>APD</u>	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLC
480	MAGNAFLUX	12-5-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CLW
520	GOFF BLAST BBL / REC	12-5-06	PA
530 & 540	APPLY COATINGS	12-7-06	FB
560	FINAL ASSEMBLY	12-14-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 12-15-06	TRW
650	TARGET	PASS FAIL 12-15-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	12-15-06	WIR
	A) HEADSPACE	PASS FAIL 12-19-06	BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS <u>2.68</u> <u>2.72</u> <u>2.66</u> <u>2.69</u> <u>2.81</u> 12-16-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX <u>5.2</u> <u>6.5</u> <u>6.5</u> 12-16-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN <u>2.4</u> <u>2.2</u> <u>2.2</u> 12-16-06	DA
	I) FIRING PIN INDENT	.020 <u>.023</u> <u>.022</u> <u>.022</u> 12-16-06	DA
690	PACK	12-20-06	DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY BARREL RECEIVER FRONT SIGHT BASE REAR SIGHT BASE SCREWS FINISH		STOCK ASSEMBLY STOCK SLING SWIVEL STUDS BUTT PATE LOCK NUTS BARREL CLEARANCE COLOR / FINISH	
SCOPE ASSEMBLY SCOPE SCOPE RINGS MOUNTING SCREWS MOUNTING BASE SCREWS FINISH CLARITY		SYSTEM CASE SCOPE CASE IRON SIGHTS DEPLOYMENT KIT TRIGGER ASSEMBLY SAFETY OPERATION RE-SET TO FACTORY SPECS	
COMMENTS:			

F006 REV 5/2006

Serial Number: C6225493

Model: M24 SWS



RE00079568

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225493.___0
FILE DATE AND TIME: 04/28/2004 06:19

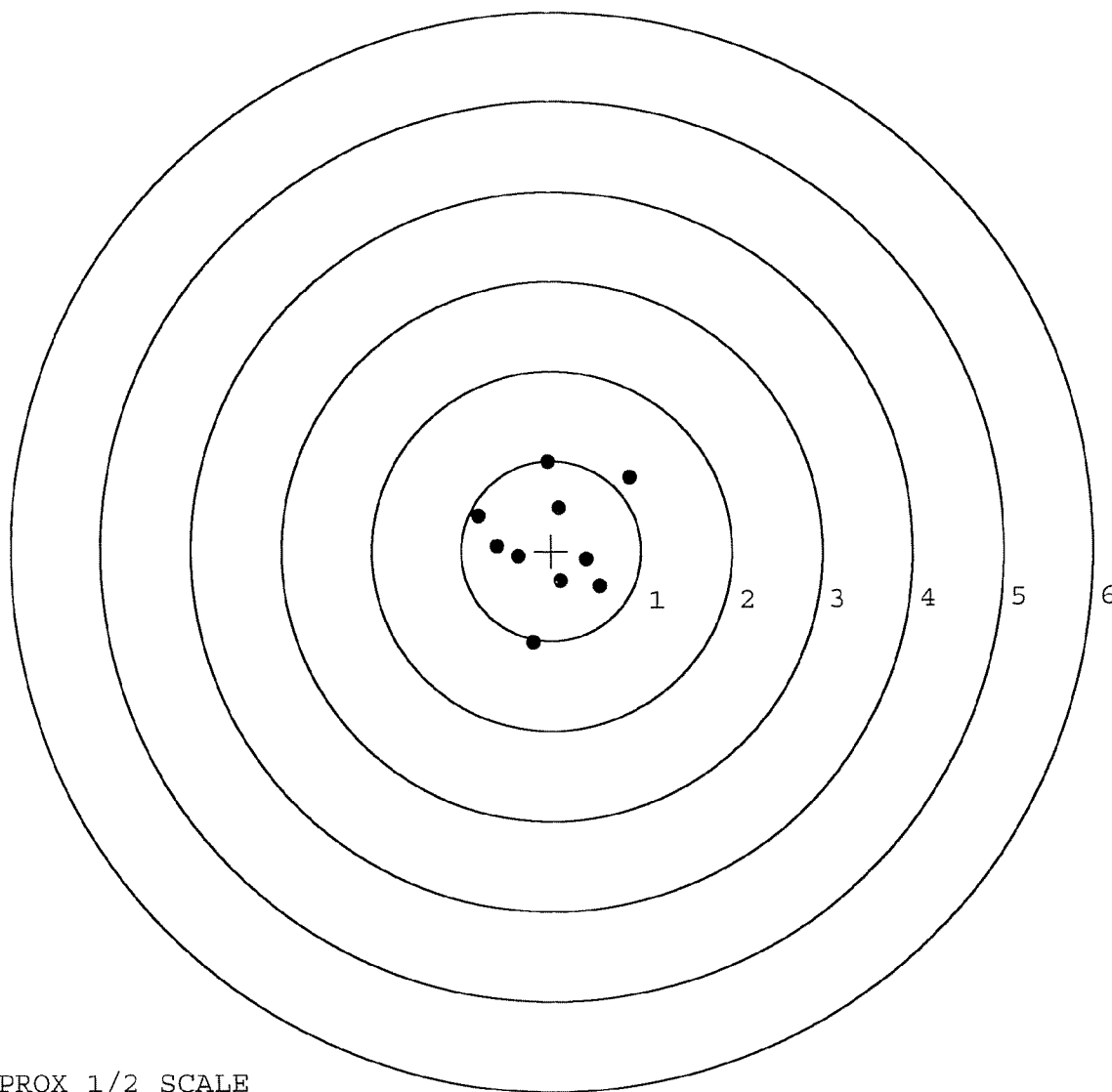
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.015
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.624
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.090
The Distance from Centroid Target #3 to Centroid Target #1:	0.124
The Distance from Centroid Target #4 to Centroid Target #1:	0.353
The Distance from Centroid Target #5 to Centroid Target #1:	0.319

SERIAL NUMBER: C6225493. __0
TARGET NUMBER: 1
FILE DATE: 04/28/2004
FILE TIME: 06:19

X CENTROID: -0.003
Y CENTROID: 0.082
POA TO CENTROID: 0.082
HORZ SPREAD: 1.684
VERT SPREAD: 2.014
GROUP SPREAD: 2.134
MIN RADIUS: 0.391
MAX RADIUS: 1.141
MEAN RADIUS: 0.703
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.212	-1.024
2:	0.874	0.813
3:	-0.035	0.990
4:	0.092	0.477
5:	-0.810	0.400
6:	-0.367	-0.061
7:	-0.604	0.055
8:	0.102	-0.335
9:	0.393	-0.097
10:	0.537	-0.394

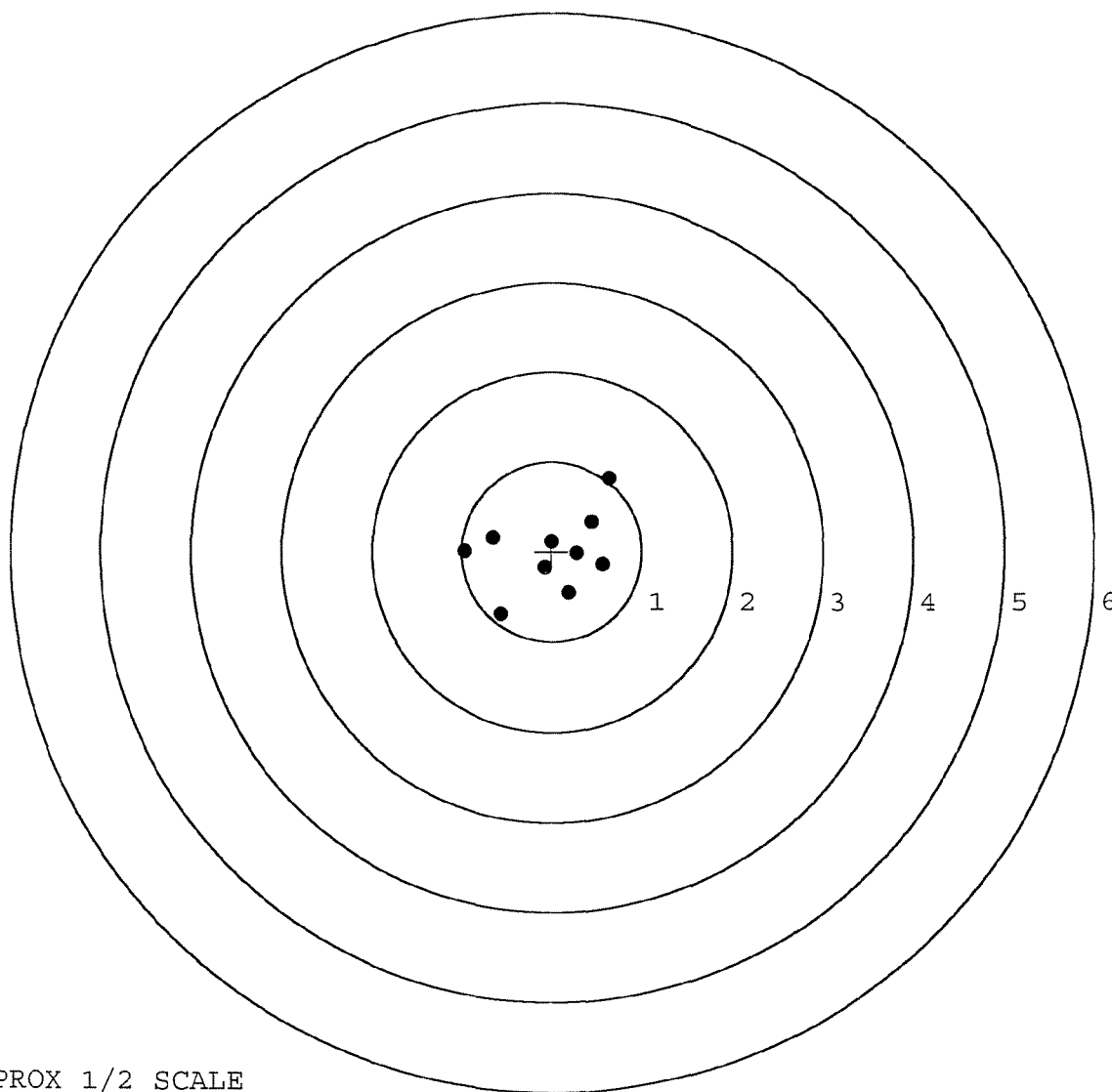


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. __0
TARGET NUMBER: 2
FILE DATE: 04/28/2004
FILE TIME: 06:19

X CENTROID: -0.014
Y CENTROID: -0.007
POA TO CENTROID: 0.016
HORZ SPREAD: 1.599
VERT SPREAD: 1.518
GROUP SPREAD: 1.939
MIN RADIUS: 0.119
MAX RADIUS: 1.054
MEAN RADIUS: 0.582
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.636	0.823
2:	0.571	-0.144
3:	0.189	-0.465
4:	-0.571	-0.695
5:	0.443	0.338
6:	-0.963	0.005
7:	-0.649	0.156
8:	-0.079	-0.182
9:	0.000	0.111
10:	0.285	-0.020



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. 0

TARGET NUMBER: 3

FILE DATE: 04/28/2004

FILE TIME: 06:19

POINT#	X	Y
1:	0.869	-0.366
2:	0.391	0.333
3:	0.108	1.439
4:	-0.612	-0.895
5:	-0.572	-0.459
6:	-0.504	-0.285
7:	-0.391	-0.027
8:	-0.120	-0.019
9:	0.042	0.051
10:	0.170	-0.037

X CENTROID: -0.062

Y CENTROID: -0.026

POA TO CENTROID: 0.067

HORZ SPREAD: 1.481

VERT SPREAD: 2.334

GROUP SPREAD: 2.443

MIN RADIUS: 0.059

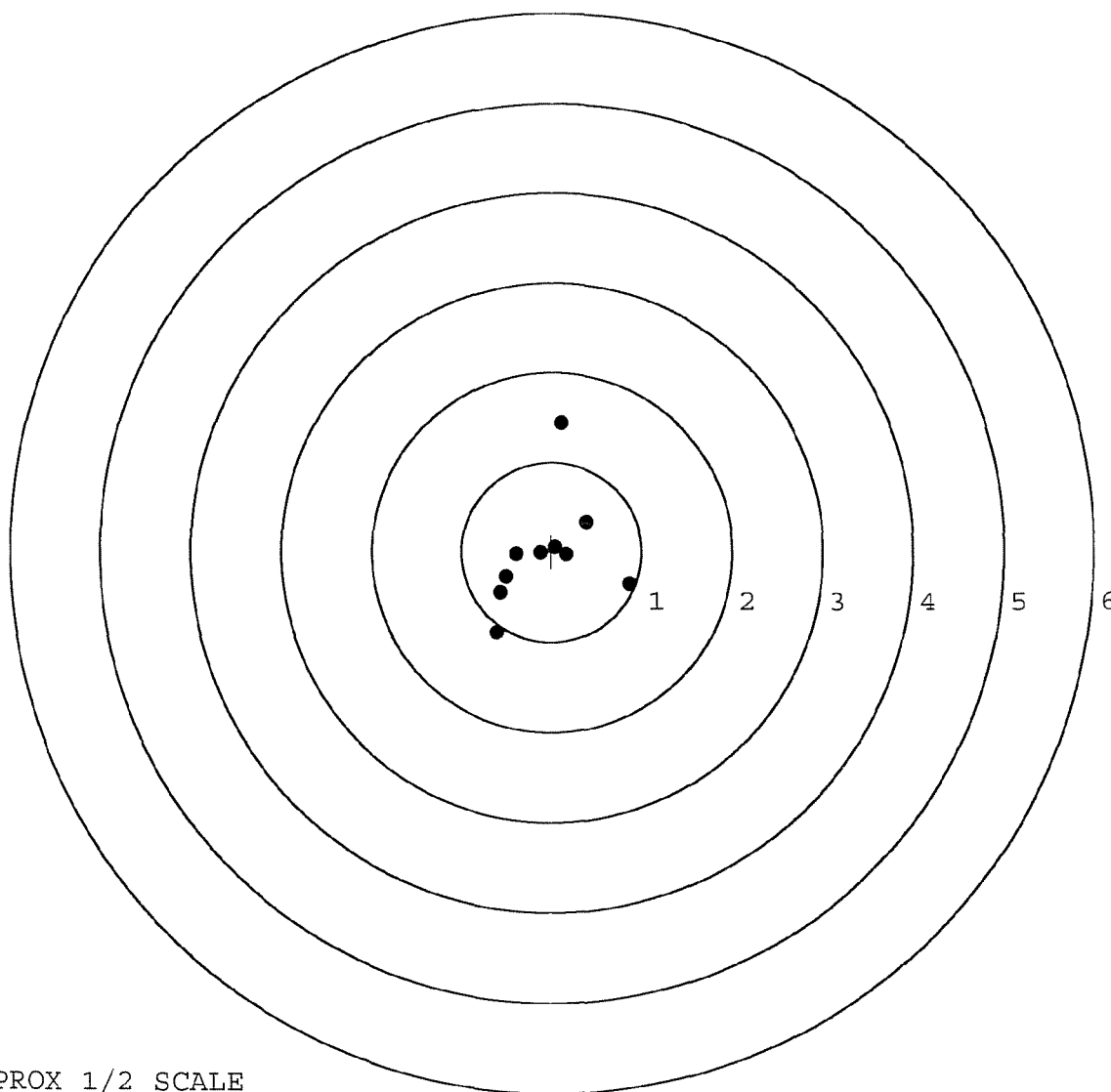
MAX RADIUS: 1.475

MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. __0

TARGET NUMBER: 4

FILE DATE: 04/28/2004

FILE TIME: 06:19

POINT#	X	Y
1:	0.695	0.648
2:	0.706	-0.276
3:	0.341	-0.146
4:	-0.571	-1.043
5:	-0.866	-0.900
6:	-0.583	-0.760
7:	-0.531	-0.250
8:	-0.286	-0.063
9:	-0.128	0.463
10:	-1.018	0.395

X CENTROID: -0.224

Y CENTROID: -0.193

POA TO CENTROID: 0.296

HORZ SPREAD: 1.724

VERT SPREAD: 1.691

GROUP SPREAD: 2.198

MIN RADIUS: 0.144

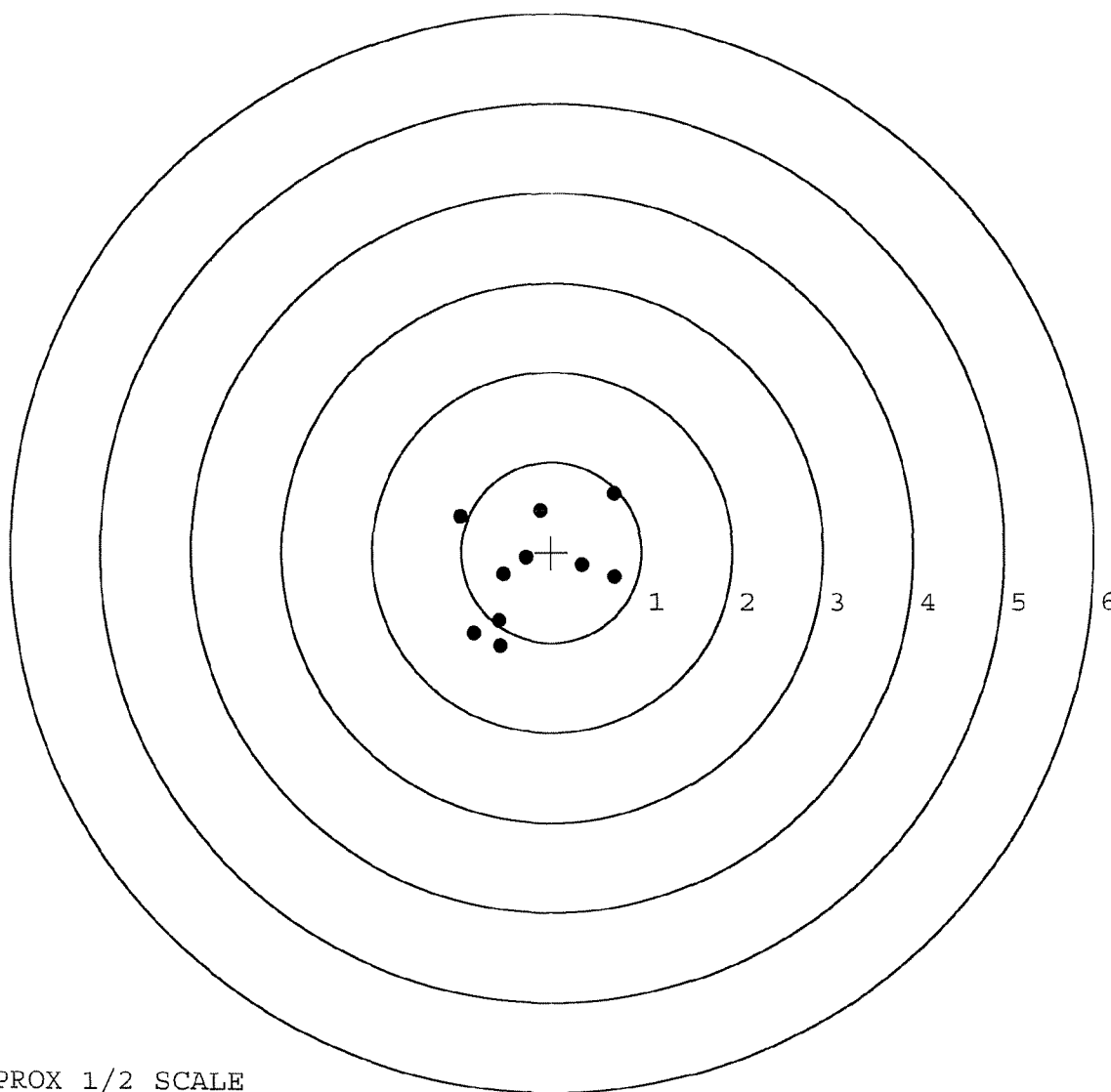
MAX RADIUS: 1.246

MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

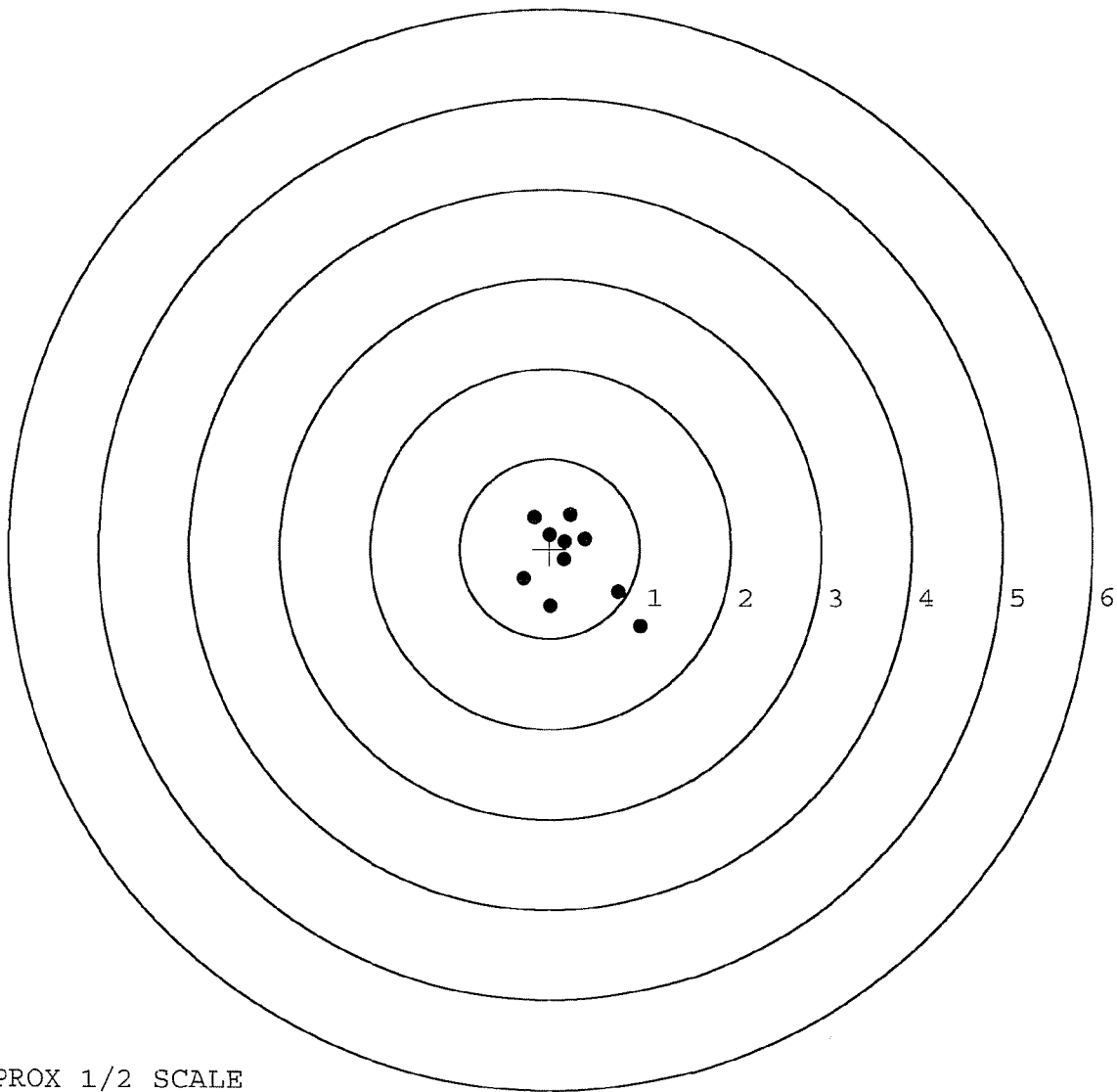


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. 0
TARGET NUMBER: 5
FILE DATE: 04/28/2004
FILE TIME: 06:19

X CENTROID: 0.228
Y CENTROID: -0.138
POA TO CENTROID: 0.266
HORZ SPREAD: 1.303
VERT SPREAD: 1.260
GROUP SPREAD: 1.705
MIN RADIUS: 0.067
MAX RADIUS: 1.075
MEAN RADIUS: 0.495
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.010	-0.875
2:	0.761	-0.489
3:	0.007	-0.643
4:	-0.293	-0.339
5:	0.163	-0.123
6:	0.399	0.111
7:	0.228	0.385
8:	-0.174	0.352
9:	0.006	0.158
10:	0.172	0.083



TARGET APPROX 1/2 SCALE

KINZER V. REMINGTON

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

PREVIOUS EDITION MAY BE USED

USAPA V1.00

For $\frac{1}{2}$

M2400137744

USAPA V1.00

For P/O 2 APR 04

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

SERIAL # C 6225493

INSPECTED BY: RTL

DATE REC'D: 4-2-04

DATE RET'D: 4-28-04

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:

R & E NUMBER	79568		
SERIAL NUMBER	C6225493		E
LOG-IN DATE	4-2-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-04	RTL
560 A	RE-BARREL	4-6-04	RTL
B	DRILL AND TAP		
575	ASSEMBLE	4-6-04	RTL
600	PROOF	4-12-04	RTL
605	CHECK HEADSPACE	4-12-04	RTL
610	DIS-ASSEMBLE GUN	4-13-04	RTL
612	MAGNAFLUX		OPERATOR BS
615	ROLLMARK CALIBER	4-13-04	RTL
618	ROTO-BLAST	4/14/04	DG
620	APPLY COATINGS	4-16	TA
625 A	FINAL ASSEMBLY	4-20-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-28-04	AE
655	FINAL INSPECT	4-28-04	RTL
660	PACK	4-28-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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

R & E NUMBER <u>RF00027154</u>			
SERIAL NUMBER <u>C-6225493</u>			
LOG-IN DATE <u>5-4-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-7-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-7-01	CK
605	CHECK HEADSPACE	5-7-01	CK
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		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	5-16-01	BL
655	FINAL INSPECT	5-16-01	BL
660	PACK	5-16-01	DA
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S.N. C-6225493 | DATE REC'D: 5-4-01 | DATE RET'D: 5-16-01

AUDITOR:

Item:

Barrel Assy.

☒ BARREL

☒ RECEIVER

☒ FRONT SIGHT BLOCK

☒ REAR SIGHT BLOCK

☒ SCREWS

☒ FINISH

Scope Assy.

☒ Scope

☒ Scope Rings

☒ Mounting Screws

☒ Mounting Base

☒ Screws

☒ Finish

☒ Looseness

☒ Clarity

Misc.

☐ DD-250

☐ BAR CODE

☐ PACKAGING

Item:

Stock Assy.

☒ Stock

☒ Sling Swivel Studs

☒ ADJUSTABLE BUTT PLATE

☒ Lock Nuts

☒ BARREL CLEARANCE

☒ COLOR/FINISH

Systems Case

☐ Scope Case

☐ Iron Sights

☐ Deployment Kit

Trigger

☒ SAFETY OPERATION

☒ Set

Comments: _____

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225493
16 May 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1766
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187839

THE AMR FOR THIS RIFLE IS: 1.161

CENTROIDAL DISTANCES

Ø TO	1	.438744
1 TO	2	.343804
1 TO	3	.503543
1 TO	4	.470473
1 TO	5	.163012

2+ <----POA
5 4
1

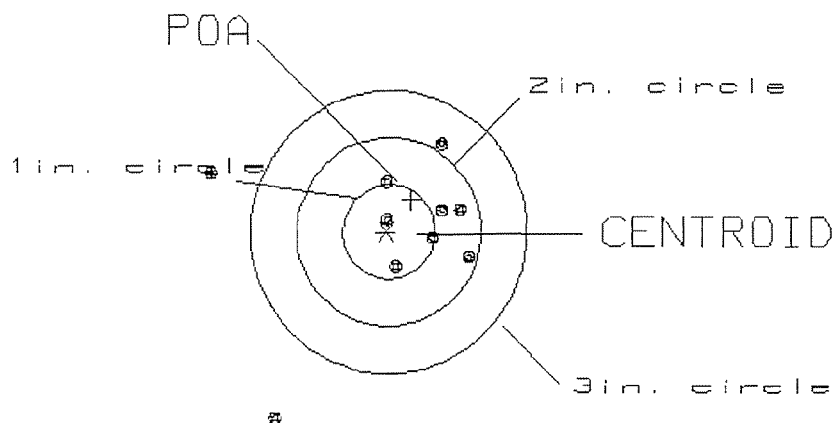
PATTERN #: 1

POA TO CENTROID: .431
 MIN RADIUS : .111
 MEAN RADIUS : .933
 MAX RADIUS : 2.346
 CENTROID X : -.272
 CENTROID Y : -.334

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.83

3

VS= 2.93

7

GS= 3.42

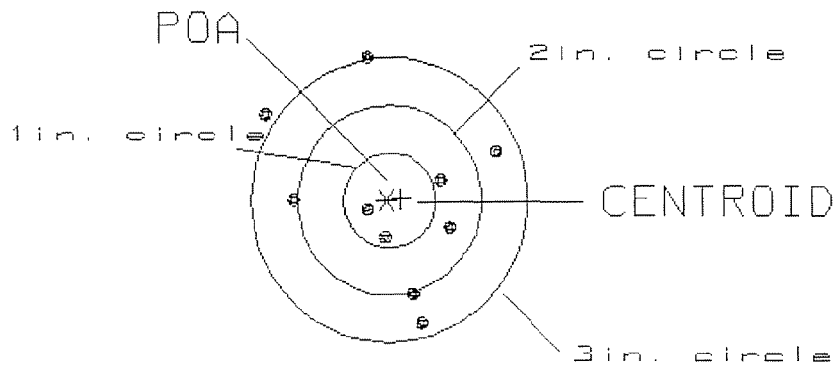
8

PATTERN #: 2
 POA TO CENTROID: .157
 MIN RADIUS : .300
 MEAN RADIUS : .972
 MAX RADIUS : 1.633
 CENTROID X : -.157
 CENTROID Y : -.010

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.47
 VS= 2.86
 GS= 2.92

2
 4
 8

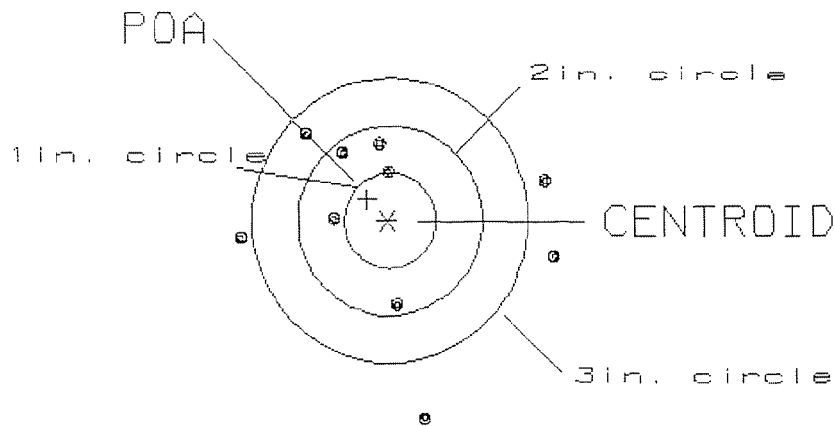
PATTERN #: 03

POA TO CENTROID: .308
 MIN RADIUS : .540
 MEAN RADIUS : 1.242
 MAX RADIUS : 2.125
 CENTROID X : .218
 CENTROID Y : -.218

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.44
 VS= 3.06
 GS= 3.45

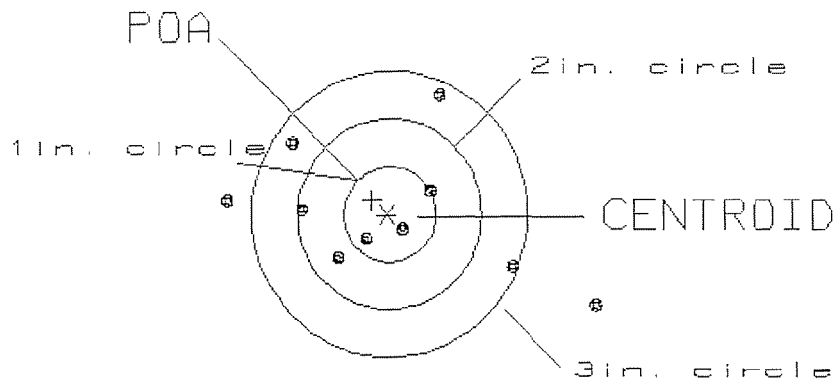
0
 5
 6

PATTERN #: 4
 POA TO CENTROID: .220
 MIN RADIUS : .188
 MEAN RADIUS : 1.088
 MAX RADIUS : 2.406
 CENTROID X : .161
 CENTROID Y : -.150

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.93
 VS= 2.24
 GS= 4.08

3
 5
 2

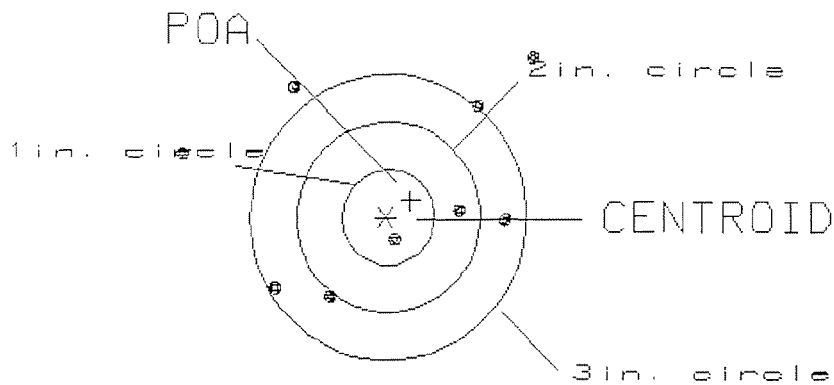
PATTERN #: 050

POA TO CENTROID: .319
 MIN RADIUS : .295
 MEAN RADIUS : 1.572
 MAX RADIUS : 3.089
 CENTROID X : -.270
 CENTROID Y : -.171

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.81
 VS= 4.68
 GS= 4.82

1
 2
 5

Remington



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

MODEL 700™ H24

SERIAL NO.

C6225493

ORDER NO.

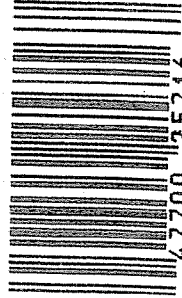
5716

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



5716 C6225493

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225493

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		1/22/88	M/C,
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJP
620	Apply Coatings (Barrel Action)		1-17-89	SA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/23/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/23/89	RW
	C) Inspect Ejector Hole for Chamfer		1/23/89	RW
	D) Oil Firing Pin Ass'y		1/23/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		23 Jan 89	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			24 Jan 89	JS
	G) Safety Off Force	3	3	3			24 Jan 89	JS
	H) Trigger Pull Test & Retainability						23 Jan 89	JS
	I) Firing Pin Indent	.0015	.0022	.0015			24 Jan 89	JS
	J) Assemble Stock						2/2/89	RW
	K) Assemble Swivel Studs						7 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/2/89	RW
	M) Iron Sight Alignment						2/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/2/89	RW
	O) Attach Scope to Rifle						1/13	RW
	P) Detach & Attach Scope 20 Times						3 Feb 89	JS
640	Gallery Target & Test	47 R	105 L				2/6/89	DAH
	A) Time						2/6/89	DAH
	B) Malfunctions						2/6/89	DAH
	C) Pierced Primers						2/6/89	DAH
	D) Optical Clarity of Scope						2/6/89	DAH
645	Inspect for Live Ammo						2/6/89	DAH
655	Final Inspection							
	A) Headspace						7 Feb 89	JS
	B) Trigger Pull	2.30	2.39	2.29	2.40	2.24	7 Feb 89	JS
	C) Function						7 Feb 89	JS
660	Pack						27 Mar 89	JS

SWS TRIGGER PULL TEST

5493

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. B6896620

DATE 15 June 89

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.19	2.27	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.19	2.29	2.30	
PULL #3	2.32	2.19	2.29	2.35	
PULL #4	2.34	2.18	2.26	2.33	
PULL #5	2.32	2.22	2.29	2.33	
TOTAL	11.66	10.97	11.40	11.55	
AVG.	2.332	2.194	2.28	2.31	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.24		
PULL #2	3.21	3.31		
PULL #3	3.30	3.34		
PULL #4	3.36	3.30		
PULL #5	3.27	3.34		
TOTAL	16.49	16.53		
AVG.	3.298	3.306		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.49		4.25
PULL #2	4.55	4.43		4.14
PULL #3	4.49	4.46		4.29
PULL #4	4.62	4.45		4.32
PULL #5	4.54	4.52		4.40
TOTAL	22.57	22.35		21.46
AVG.	4.514	4.47		4.292

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225493
10 Feb 1989

CENTROIDAL DISTANCES

Ø TO	1	.430153
1 TO	2	.361836
1 TO	3	.523689
1 TO	4	1.00063
1 TO	5	1.00975

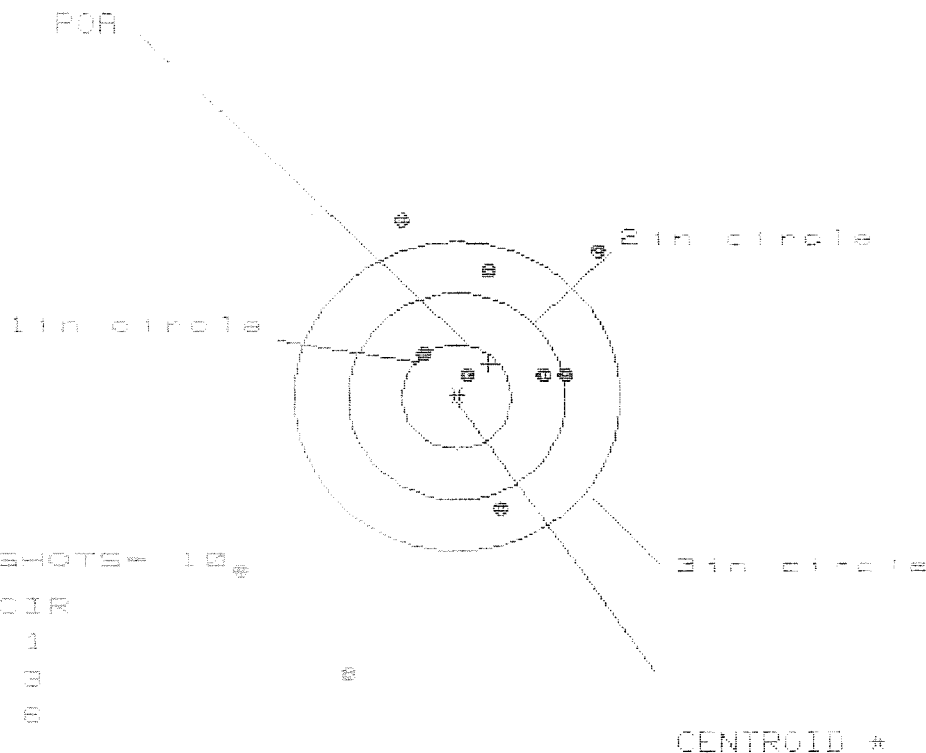
5
4 <----POA
1
2 4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1404
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .265551
THE AMR FOR THIS RIFLE IS: .9312

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225483

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.367

VS = 4.307

GS = 4.652

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.328	1.217	.948
MINIMUM X	-2.039	-2.150	-.858
MAXIMUM Y	1.670	1.377	1.131
MINIMUM Y	-2.637	-1.975	-1.588
CENTROID X	-.294	-.183	.086
CENTROID Y	-.314	-.021	.225
POR TO CENTROID in.	.431	.184	.241
MIN RADIUS	.219	.099	.462
MEAN RADIUS	1.404	1.160	.913
MAX RADIUS	2.820	2.919	1.589
HORIZONTAL SPREAD	3.367	3.367	1.806
VERTICAL SPREAD	4.307	3.352	2.719
EXTREME SPREAD	4.652	4.557	2.841
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225493

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

CF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.730

VS= 2.676

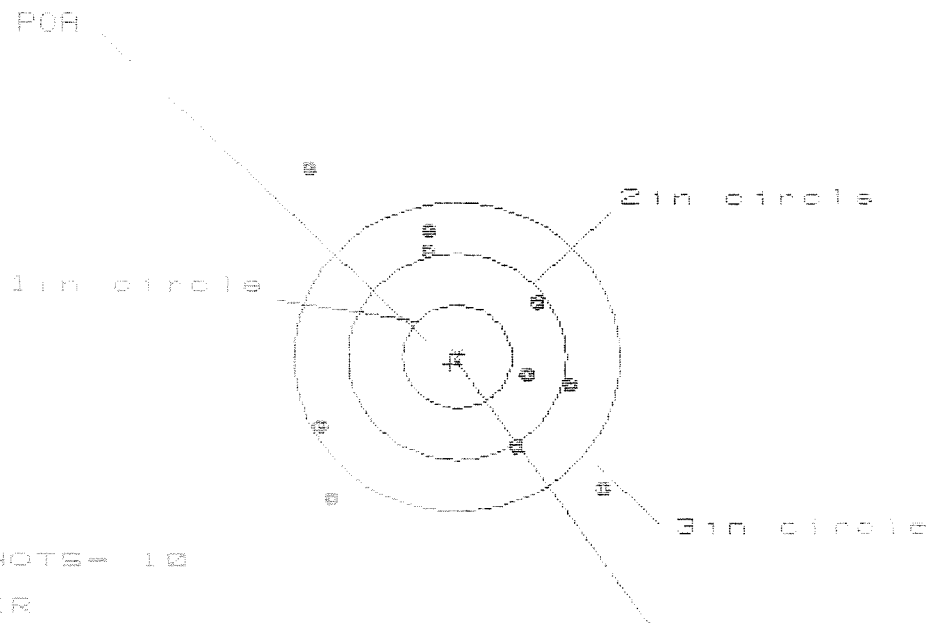
GS= 2.772

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.771	.664	.622
MINIMUM X	-.959	-.809	-.851
MAXIMUM Y	1.447	1.311	.362
MINIMUM Y	-1.229	-.469	-.305
CENTROID X	-.137	-.030	.012
CENTROID Y	-.640	-.504	-.668
POA TO CENTROID in.	.655	.505	.668
MIN RADIUS	.212	.130	.124
MEAN RADIUS	.653	.536	.399
MAX RADIUS	1.559	1.355	.869
HORIZONTAL SPREAD	1.730	1.473	1.473
VERTICAL SPREAD	2.676	1.780	.667
EXTREME SPREAD	2.772	1.813	1.487
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225493

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.274

VS= 0.024

GS= 4.081

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.332	1.183	.990
MINIMUM X	:	-1.342	-1.416	-1.268
MAXIMUM Y	:	1.812	1.445	1.311
MINIMUM Y	:	-1.412	-1.210	-1.344
CENTROID X	:	.061	.210	.062
CENTROID Y	:	.071	-.131	.003
POA TO CENTROID in.	:	.093	.247	.062
MIN RADIUS	:	.646	.482	.633
MEAN RADIUS	:	1.328	1.186	1.148
MAX RADIUS	:	2.255	1.761	1.757
HORIZONTAL SPREAD	:	2.674	2.599	2.258
VERTICAL SPREAD	:	3.224	2.655	2.655
EXTREME SPREAD	:	4.081	2.959	2.804
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

8 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225493

CENTERFIRE PATTERNS

4

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HE= 2.503

VS= 1.340

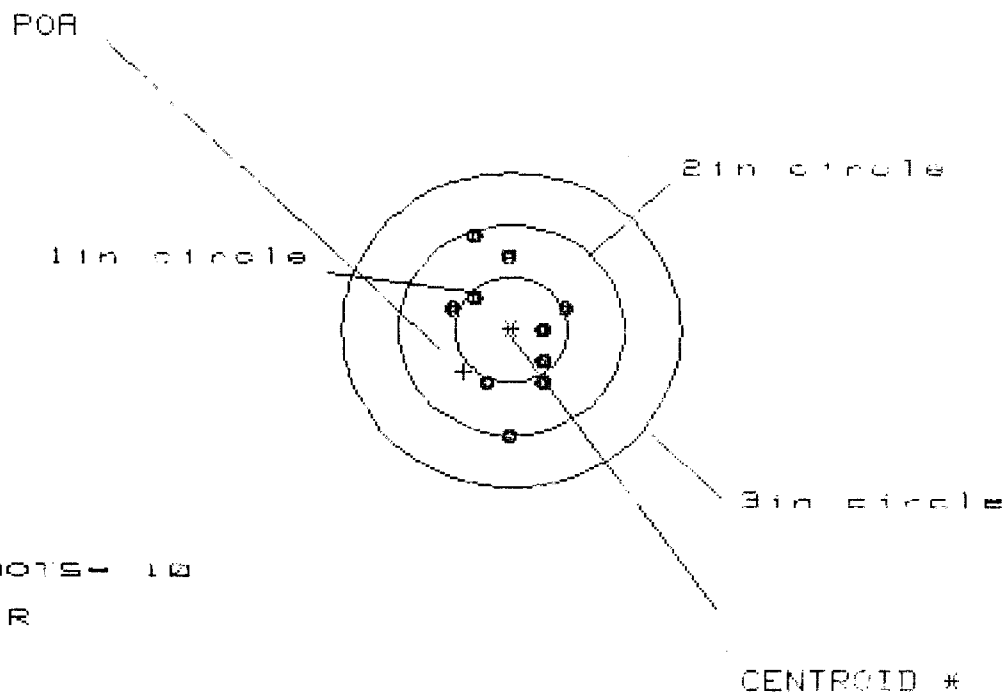
CS= 2.653

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.318	1.186	.777
MINIMUM X	:	-1.185	-.989	-.841
MAXIMUM Y	:	.529	.439	.437
MINIMUM Y	:	-.811	-.652	-.654
CENTROID X	:	.651	.783	.635
CENTROID Y	:	-.643	-.553	-.551
POB TO CENTROID in.	:	.915	.959	.840
MIN RADIUS	:	.160	.045	.122
MEAN RADIUS	:	.672	.555	.479
MAX RADIUS	:	1.436	1.186	1.065
HORIZONTAL SPREAD	:	2.503	2.175	1.618
VERTICAL SPREAD	:	1.340	1.091	1.091
EXTREME SPREAD	:	2.653	2.265	1.799
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225493

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.026

VS= 1.883

GS= 1.918

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.500	.503	.461
MINIMUM X	:	-.526	-.523	-.565
MAXIMUM Y	:	.861	.748	.695
MINIMUM Y	:	-1.022	-.584	-.491
CENTROID X	:	.421	.418	.460
CENTROID Y	:	.399	.512	.419
POA TO CENTROID in.	:	.579	.661	.622
MIN RADIUS	:	.323	.338	.283
MEAN RADIUS	:	.599	.548	.502
MAX RADIUS	:	1.022	.820	.701
HORIZONTAL SPREAD	:	1.026	1.026	1.026
VERTICAL SPREAD	:	1.883	1.332	1.186
EXTREME SPREAD	:	1.918	1.472	1.231
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-05077

INITIALS CUSTOMER ORDER NO.

WOG 5 OF 16

JJA 011945

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/25/97

02/25/97

BJ 1-89

C6225493

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

CDR, HSC
1/7 SFG (A)
FT BRAGG

NC 28307

CDR, HSC
1/7 SFG (A)
FT BRAGGNC
28307

CUST NO:162915 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER NC

WRITE ☐

FROM DATE

ESTIMATED

VIA

DOOR

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

R1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel - 94003
Repair Coat - Trigger Guard
Assy, Front & Rear Sight Bases
Re-line Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400137766

Final Inspection

Sn: C6225493

DATE REC'D: 2/25/97

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

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

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☒ Mounting Base☒ SCREWS☐ FINISH☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

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

Systems Case

☐ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

21 DAY TURN - AROUND

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225493*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>3/3/99</i>	<i>A</i>
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>4/2/99</i>	<i>A</i>
655	FINAL INSPECT	<i>4/10/99</i>	<i>RW</i>
660	PACK		
	QAR INSPECTION		
	SHIP DATE		

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225493

4 Apr 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0688

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2278

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .237963

THE AMR FOR THIS RIFLE IS: 1.04

CENTROIDAL DISTANCES

Ø TO	1	.494228
1 TO	2	.475925
1 TO	3	.926883
1 TO	4	1.25883
1 TO	5	.849753

4 3₅ + 1<----POA
2

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .495

MIN RADIUS : .072

MEAN RADIUS : 1.040

MAX RADIUS : 2.229

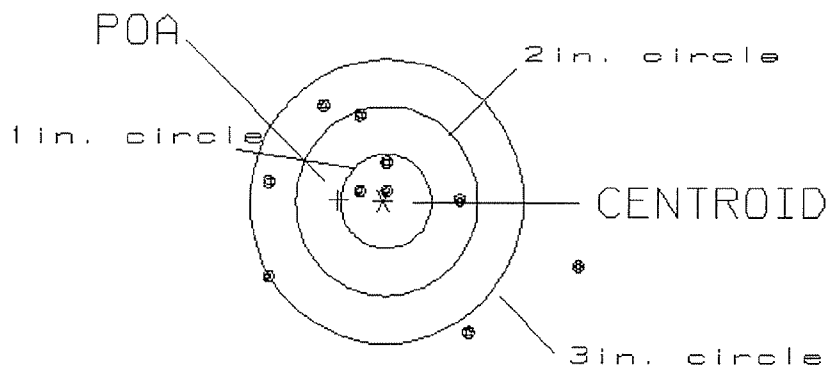
CENTROID X : .494

CENTROID Y : -.015

3 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.40

3

VS= 2.46

5

GS= 3.50

8

PATTERN #: 2

POA TO CENTROID: .796

MIN RADIUS : .252

MEAN RADIUS : 1.046

MAX RADIUS : 2.593

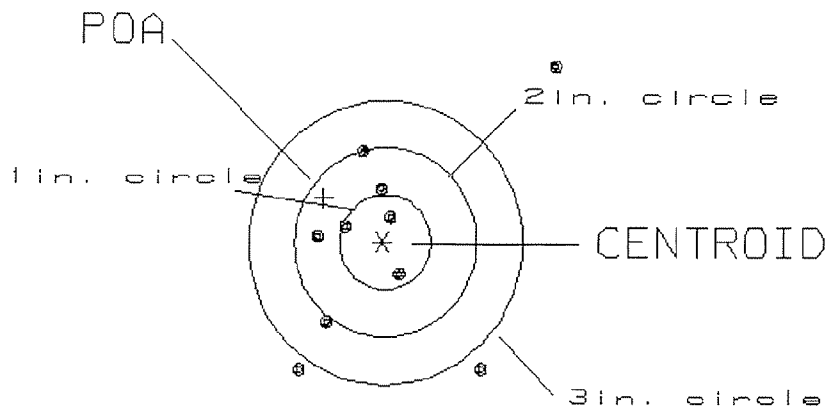
CENTROID X : .646

CENTROID Y : -.466

3 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.80

3

VS= 3.15

6

GS= 4.22

7

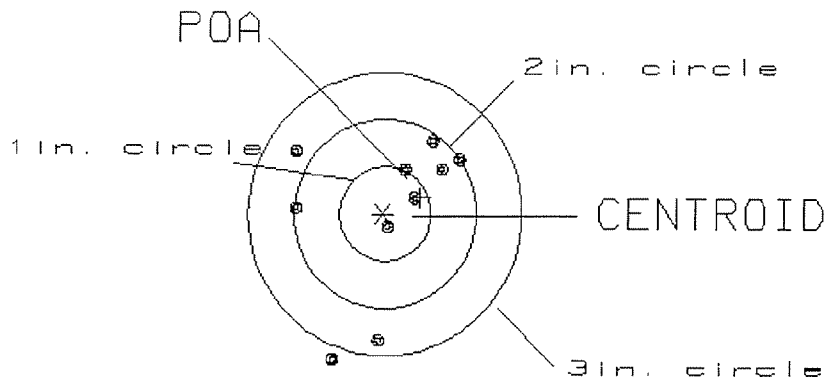
PATTERN #: 3

POA TO CENTROID: .453
 MIN RADIUS : .083
 MEAN RADIUS : .882
 MAX RADIUS : 1.669
 CENTROID X : -.420
 CENTROID Y : -.169

3 Apr 1997

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.85

3

VS= 2.37

7

GS= 2.57

9

PATTERN #: 4

POA TO CENTROID: .779

MIN RADIUS : .342

MEAN RADIUS : 1.007

MAX RADIUS : 1.426

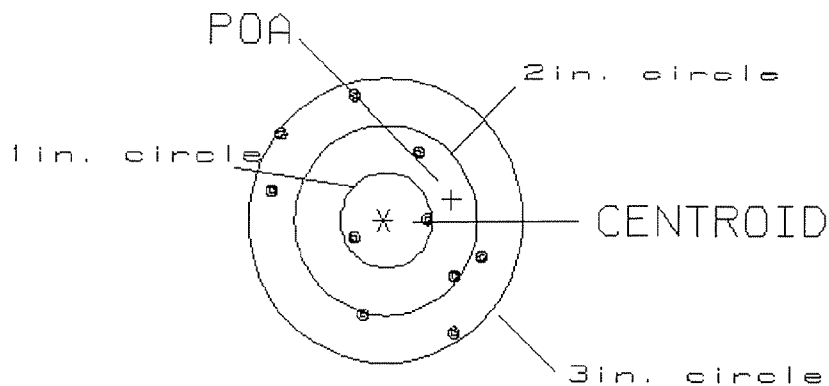
CENTROID X : -.749

CENTROID Y : -.214

3 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.30

2

VS= 2.40

5

GS= 2.80

10

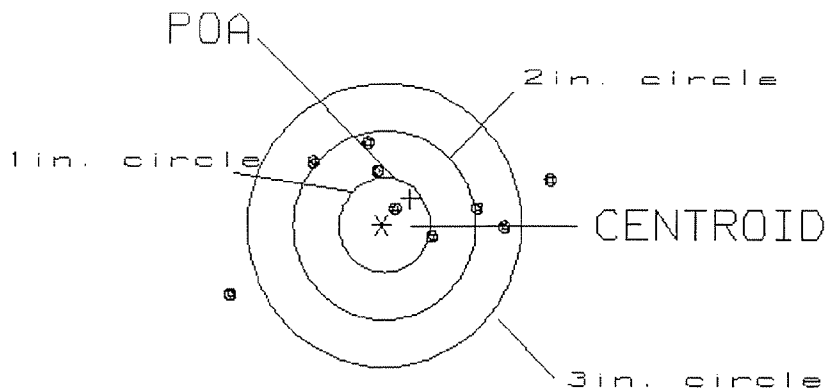
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .418
 MIN RADIUS : .216
 MEAN RADIUS : 1.225
 MAX RADIUS : 2.911
 CENTROID X : -.315
 CENTROID Y : -.275

3 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.76
 VS= 3.01
 GS= 4.57

1
 4
 7