

C6349009

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

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: RE00151224

Serial: C6349009 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 9/16/2008 2:27:23 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

9/16/2008

3:26 PM

CAPS

NUM

INS

SCRL

start

8 M.

21..

3 M.

Ar...

Par...

Eas...

Sto...

9:26 AM

Serial Number:

C6349009

Model M24 SWS



RE00151224

M-24 INSPECTION CHECKLIST
 CONTRACT #: DAAE-23-02-C-0149

WALSH, MBI- 151224
 SERIAL NUMBER C6349009
 LOGIN DATE 9-16-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-17-08	RTZ
505	RE-BARREL	9-22-08	RTZ
530	ASSEMBLE	9-22-08	RTZ
600	PROOF	9-22-08	SPD
605	CHECK HEADSPACE	9-22-08	SPD
610	DIS-ASSEMBLE GUN	9-22-08	SPD
612	MAGNAFLUX	9/24/08	HS
610	DRILL AND TAP	9-23-08	SP
615	ROLLMARK CALIBER	9/24/08	RT
618	ROTO-BLAST	9/24/08	RT
620	APPLY COATINGS	10-1-08	W
625	FINAL ASSEMBLY	10-6-08	RTZ
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-7-08	TC
	A) HEADSPACE	PASS	FAIL
	MIN 2.50 LBS	3.13	3.08
	MAX 4.0 LBS	3.11	3.12
	MIN 2 LBS	4.0	4.0
	MAX 4 LBS	4.0	4.0
	MIN 2 LBS	5.0	5.0
	MAX 4 LBS	6.0	6.0
	MIN 2 LBS	.021	.021
	MAX 4 LBS	.021	.021

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349009.___0

FILE DATE AND TIME: 10/07/2008 15:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

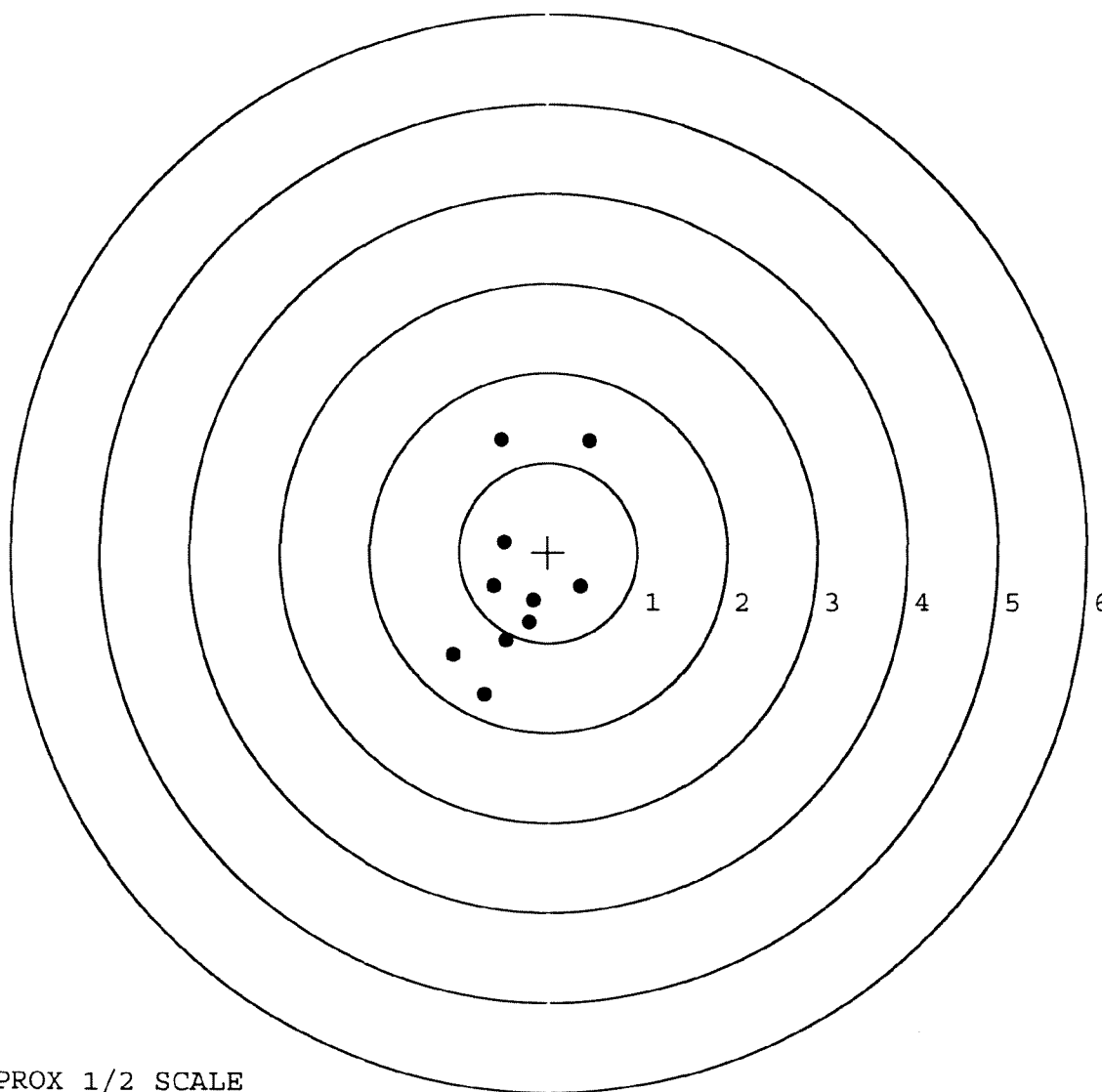
The Average X Centroid of the Five Target Set:	-0.108
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.652
The Distance from POA to Centroid Target #1:	0.469
The Distance from Centroid Target #2 to Centroid Target #1:	0.622
The Distance from Centroid Target #3 to Centroid Target #1:	0.163
The Distance from Centroid Target #4 to Centroid Target #1:	0.460
The Distance from Centroid Target #5 to Centroid Target #1:	0.639

BARBER - M24 0105579

SERIAL NUMBER: C6349009. __0
 TARGET NUMBER: 1
 FILE DATE: 10/07/2008
 FILE TIME: 15:29

POINT#	X	Y
1:	-0.533	1.257
2:	0.463	1.243
3:	-0.504	0.118
4:	-0.615	-0.374
5:	0.361	-0.381
6:	-0.168	-0.534
7:	-0.215	-0.774
8:	-0.482	-0.975
9:	-1.068	-1.138
10:	-0.723	-1.580

X CENTROID: -0.348
 Y CENTROID: -0.314
 POA TO CENTROID: 0.469
 HORZ SPREAD: 1.531
 VERT SPREAD: 2.837
 GROUP SPREAD: 3.062
 MIN RADIUS: 0.273
 MAX RADIUS: 1.756
 MEAN RADIUS: 0.863
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0105580

SERIAL NUMBER: C6349009. __0

TARGET NUMBER: 2

FILE DATE: 10/07/2008

FILE TIME: 15:29

POINT#	X	Y
1:	-1.540	-0.114
2:	-0.449	0.799
3:	-0.217	1.130
4:	0.002	0.292
5:	0.164	0.279
6:	0.801	0.479
7:	0.609	-0.188
8:	0.676	-0.330
9:	0.321	-0.462
10:	0.603	-0.684

X CENTROID: 0.097

Y CENTROID: 0.120

POA TO CENTROID: 0.154

HORZ SPREAD: 2.341

VERT SPREAD: 1.814

GROUP SPREAD: 2.415

MIN RADIUS: 0.172

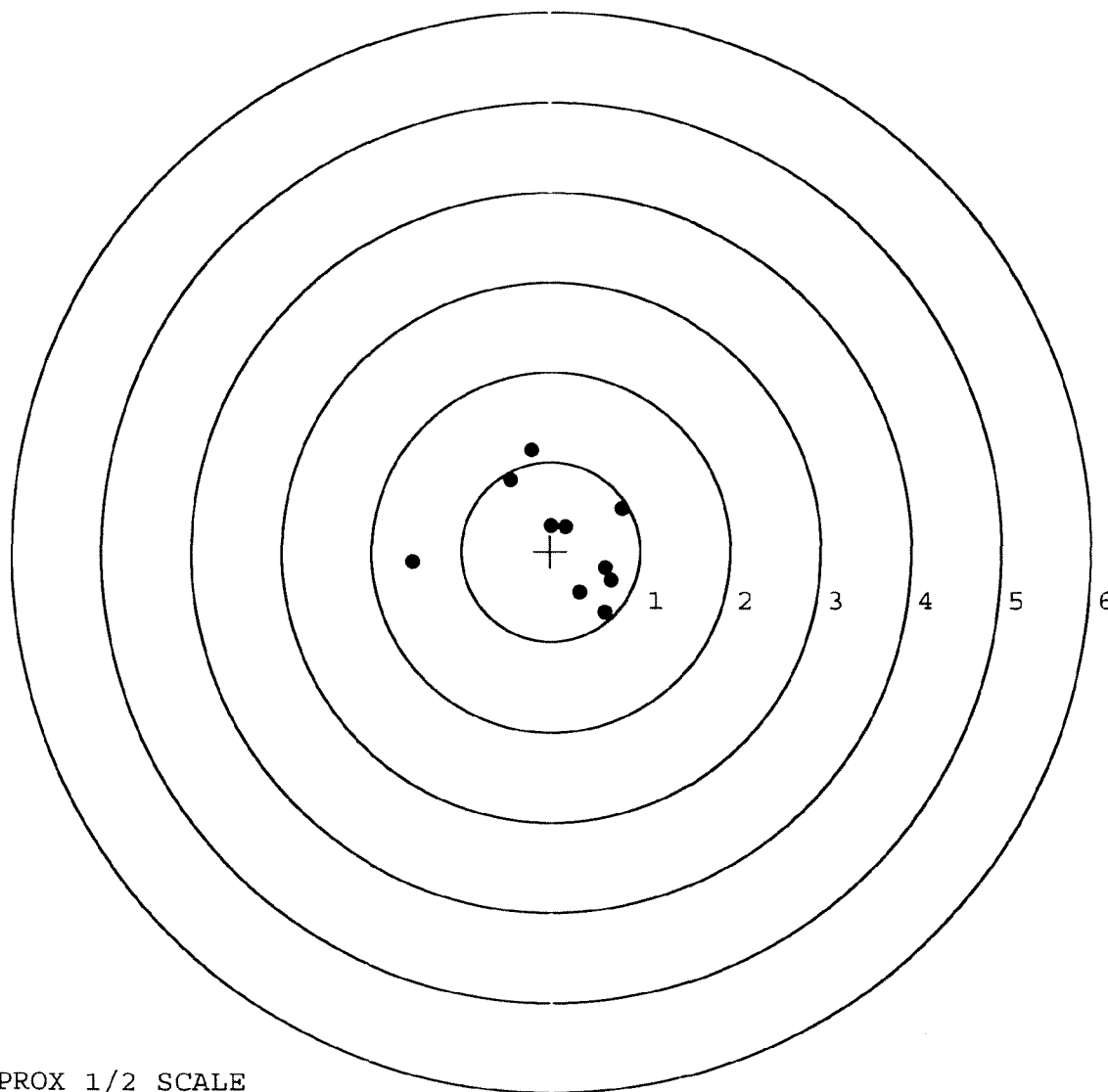
MAX RADIUS: 1.654

MEAN RADIUS: 0.765

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



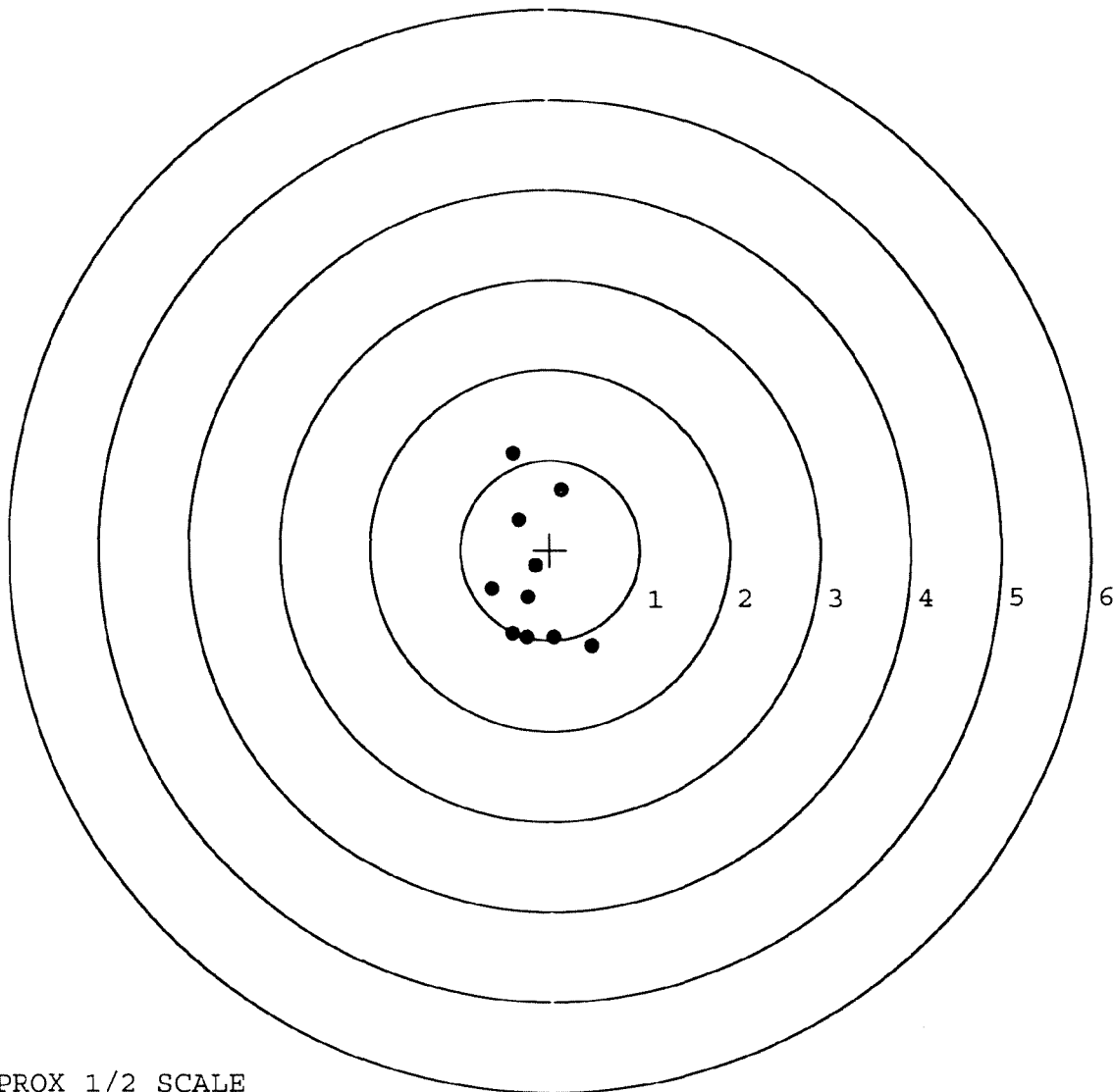
TARGET APPROX 1/2 SCALE

BARBER - M24 0105581

SERIAL NUMBER: C6349009. __0
 TARGET NUMBER: 3
 FILE DATE: 10/07/2008
 FILE TIME: 15:29

POINT#	X	Y
1:	-0.405	1.080
2:	0.135	0.673
3:	-0.344	0.340
4:	-0.162	-0.179
5:	-0.655	-0.428
6:	-0.252	-0.528
7:	-0.421	-0.932
8:	-0.264	-0.977
9:	0.041	-0.979
10:	0.465	-1.073

X CENTROID: -0.186
 Y CENTROID: -0.300
 POA TO CENTROID: 0.353
 HORZ SPREAD: 1.120
 VERT SPREAD: 2.153
 GROUP SPREAD: 2.322
 MIN RADIUS: 0.124
 MAX RADIUS: 1.398
 MEAN RADIUS: 0.701
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



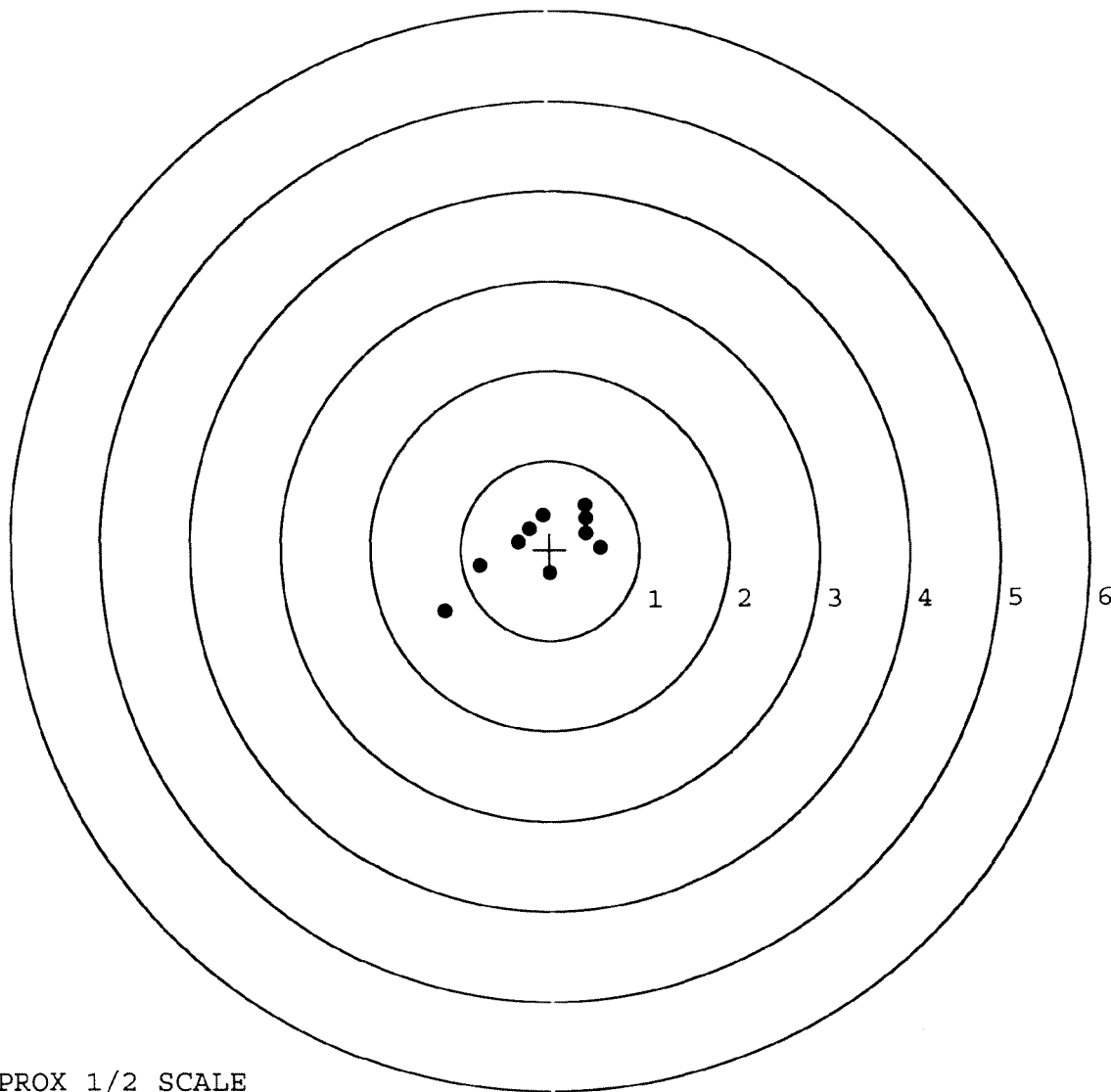
TARGET APPROX 1/2 SCALE

BARBER - M24 0105582

SERIAL NUMBER: C6349009. __0
 TARGET NUMBER: 4
 FILE DATE: 10/07/2008
 FILE TIME: 15:29

POINT#	X	Y
1:	-1.175	-0.686
2:	-0.792	-0.175
3:	-0.352	0.083
4:	-0.226	0.233
5:	-0.071	0.382
6:	-0.001	-0.266
7:	0.401	0.497
8:	0.409	0.352
9:	0.407	0.185
10:	0.560	0.023

X CENTROID: -0.084
 Y CENTROID: 0.063
 POA TO CENTROID: 0.105
 HORZ SPREAD: 1.735
 VERT SPREAD: 1.183
 GROUP SPREAD: 1.971
 MIN RADIUS: 0.222
 MAX RADIUS: 1.323
 MEAN RADIUS: 0.559
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0105583

SERIAL NUMBER: C6349009. __0

TARGET NUMBER: 5

FILE DATE: 10/07/2008

FILE TIME: 15:29

POINT#	X	Y
1:	0.145	-0.402
2:	0.360	0.287
3:	0.223	0.773
4:	0.123	0.610
5:	0.102	0.461
6:	0.058	0.312
7:	-0.032	0.246
8:	-0.148	0.119
9:	-0.372	0.058
10:	-0.629	-0.137

X CENTROID: -0.017

Y CENTROID: 0.233

POA TO CENTROID: 0.233

HORZ SPREAD: 0.989

VERT SPREAD: 1.175

GROUP SPREAD: 1.247

MIN RADIUS: 0.020

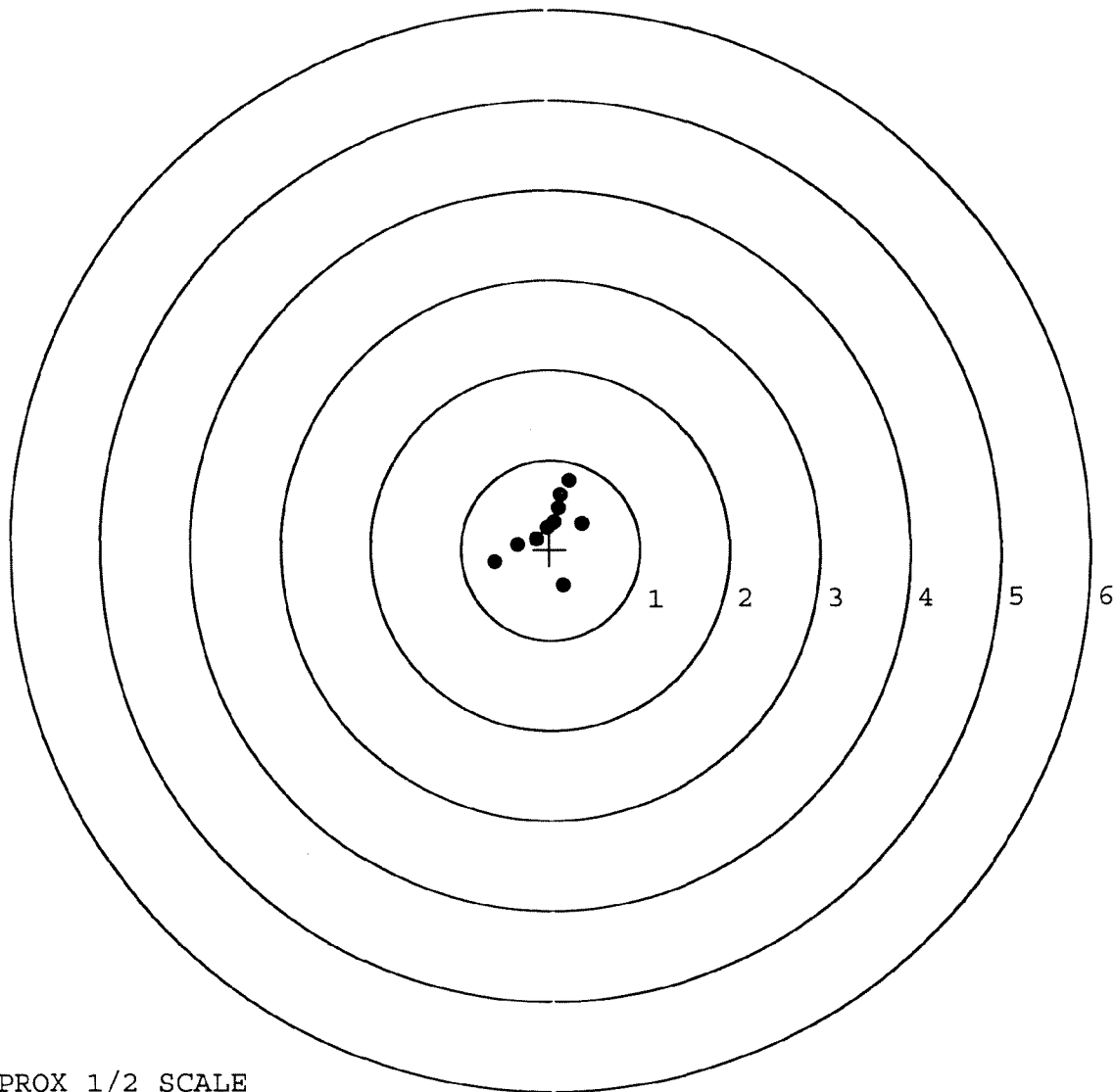
MAX RADIUS: 0.715

MEAN RADIUS: 0.370

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-09175

INITIAL CUSTOMER ORDER NO.

SWS

376

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/07/99

04/08/99

KJ 5-89

C6349009

700 7.62

M24

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

US ARMY
ATTN: JAMES C STARNES JR
GSC 5TH SFG (A)
FORT CAMPBELL KY 42223

US ARMY
ATTN: JAMES C STARNES JR
GSC 5TH SFG (A)
FORT CAMPBELL KY 42223

CUST NO: 208414 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. 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	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

Barrel
Extractor

96003
91816

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 M249984105623

Receipt Of Firearm(s) Delivered to the Plant for Repair
Firearm Checked For Live Ammunition []

File # 00376

Delivery Date 4/7/99Customer Name (Print) US Army James C Starns Jr
Address GSC 5th SFG, Ft Campbell State KY Zip 42223
Phone Number (502)-798-2882/7932Firearm Description Model 700 (m24) Cal./ Ga. 7.62
Serial Number C 6349009Stock/ Fore-end Condition circle the description
(Excellent; Good; Fair; Poor; Fancy; Plain; Synthetic, Wood)

Comments on Stock/ Fore-end condition _____

Metal Condition circle the description

(Excellent; Good; Fair; Poor; Fancy; Plain Stainless Steel)

Comments on Metal condition _____

Barrel Type (VT. Rib; Plain; Deer; Stainless Steel) Barrel length _____List additional accessories IE Scope, Sling, Gun case and description;
_____Customer request: ReconditioningReturn Process Return to Clark St. Ent. [] Return via UPS ☒**By signing this receipt the person delivering the firearm understands to be the only person to receive the firearm upon completion of repairs.**Signature James C Starns Jr Date 4/7/99
person delivering firearm.Signature [Signature] Date 4/7/99
security officerSignature Angela Langumire Date 4/7/99
arms service / CSR

Customer Pick Up Verification

I certify, I am the same person whom delivered the above described firearm to the Remington Ilion plant for repair and may lawfully possess a firearm in New York StateSignature _____ Date ____/____/____
person receiving firearm must be the same whom deliveredSignature _____ Date ____/____/____
security officer or other witness returning the firearm

BARBER - M24 0105586

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349009
21 Jun 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1128

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.146

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184499

THE AMR FOR THIS RIFLE IS: 1.193

CENTROIDAL DISTANCES

Ø TO	1	.383986
1 TO	2	.552305
1 TO	3	.691344
1 TO	4	.704865
1 TO	5	.920313

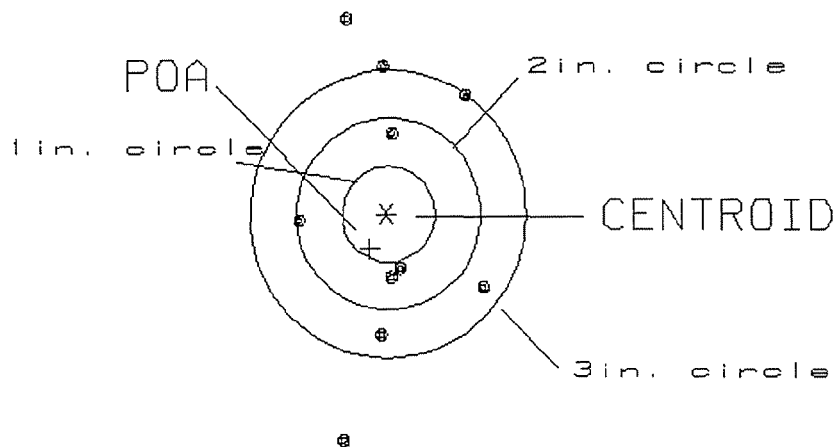
4
1 + 5-----POA
2 3

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .399
 MIN RADIUS : .529
 MEAN RADIUS : 1.308
 MAX RADIUS : 2.374
 CENTROID X : .171
 CENTROID Y : .360

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349009

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.02

0

VS= 4.33

4

GS= 4.33

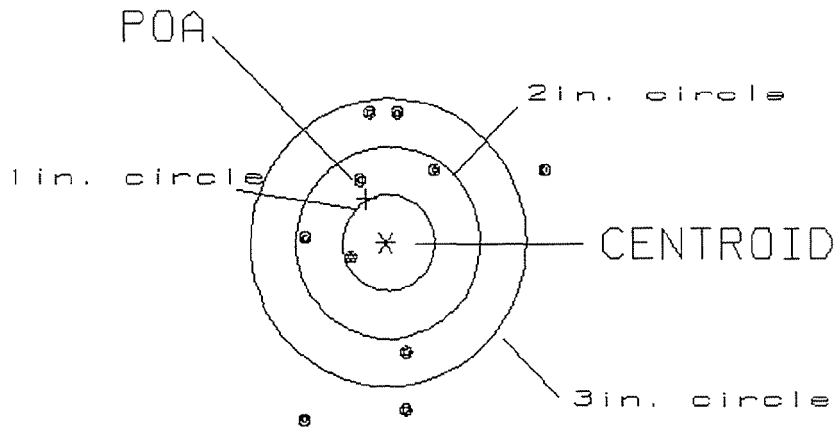
7

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .502
 MIN RADIUS : .477
 MEAN RADIUS : 1.258
 MAX RADIUS : 2.060
 CENTROID X : .210
 CENTROID Y : -.457

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349009

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.60
 VS= 3.23
 GS= 3.66

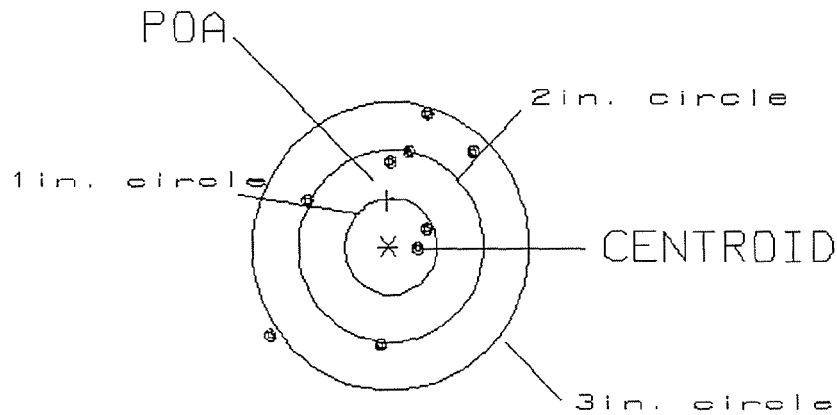
1
 4
 7

PATTERN #: 4
 POA TO CENTROID: .483
 MIN RADIUS : .301
 MEAN RADIUS : 1.209
 MAX RADIUS : 2.983
 CENTROID X : .011
 CENTROID Y : -.483

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349009

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.26

2

VS= 4.39

4

GS= 4.39

8

BARBER - M24 0105590

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .384

MIN RADIUS : .137

MEAN RADIUS : 1.246

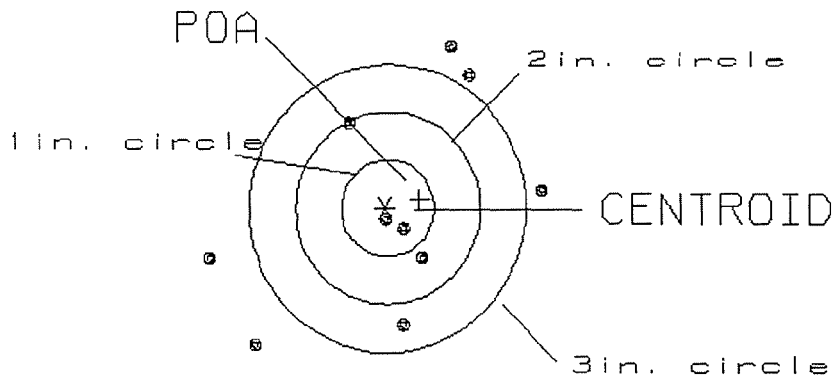
MAX RADIUS : 2.069

CENTROID X : -.374

CENTROID Y : -.087

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349009

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 3.61

2

VS= 3.13

4

GS= 3.82

5

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

Ø1

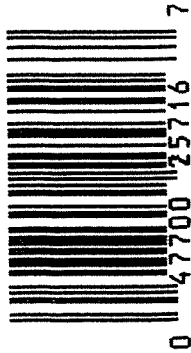
SERIAL NO.
C6349009

ORDER NO.
5716

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

5716 C6349009

UPC



GUN SERIAL # C6349009

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12-20 89	RW
600	Proof		12-20 89	A
607	Check Headspace		12-20 89	A
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action		1-5-90	RWR
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/4/90	CB
617	Drill and Tap Sight Holes		4/8/90	LB
618	Polish Barrel RWB		4/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		22 Jan 90	MS

BARBER - M24 0105593

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-22-90	JS
	G) Safety Off Force	4	4	4			1-22-90	JS
	H) Trigger Pull Test & Retainability						2/29/90	JS
	I) Firing Pin Indent	.022	.0215	.0215			1-22-90	JS
	J) Assemble Stock						1/29/90	RW
	K) Assemble Swivel Studs						3/15/90	WB
	L) Attach Front and Rear Sight Assemblies						1/29/90	RW
	M) Iron Sight Alignment						1/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/29/90	RW
	O) Attach Scope to Rifle						2/27/90	WB
	P) Detach & Attach Scope 20 Times						2/27/90	WB
640	Gallery Target & Test						2-28-90	J.S. Temporary
	A) Time							"
	B) Malfunctions							"
	C) Pierced Primers							"
	D) Optical Clarity of Scope							"
645	Inspect for Live Ammo							"
655	Final Inspection						15 Mar 90	JS
	A) Headspace						15 Mar 90	JS
	B) Trigger Pull	228	228	229	233	233	15 Mar 90	JS
	C) Function						15 Mar 90	JS
660	Pack						19 Mar 90	JS

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

SERIAL NO. C6349009
DATE 19 Jan 90
TESTER 128

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.38	2.26	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.38	2.36	2.28	
PULL #3	2.39	2.39	2.37	2.29	
PULL #4	2.38	2.38	2.36	2.33	
PULL #5	2.37	2.36	2.35	2.33	
TOTAL	1189	1189	1180	1151	
AVG.	2.378	2.378	2.36	2.302	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.39		
PULL #2	3.33	3.29		
PULL #3	3.33	3.35		
PULL #4	3.34	3.30		
PULL #5	3.38	3.33		
TOTAL	16.54	16.66		
AVG.	3.308	3.332		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.16		3.95
PULL #2	4.20	4.12		3.99
PULL #3	4.23	4.18		4.07
PULL #4	4.23	4.19		4.10
PULL #5	4.20	4.21		4.02
TOTAL	21.29	20.86		20.13
AVG.	4.258	4.172		4.026

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349009
28 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.392505
1 TO	2	.40143
1 TO	3	.244632
1 TO	4	.598078
1 TO	5	.749017

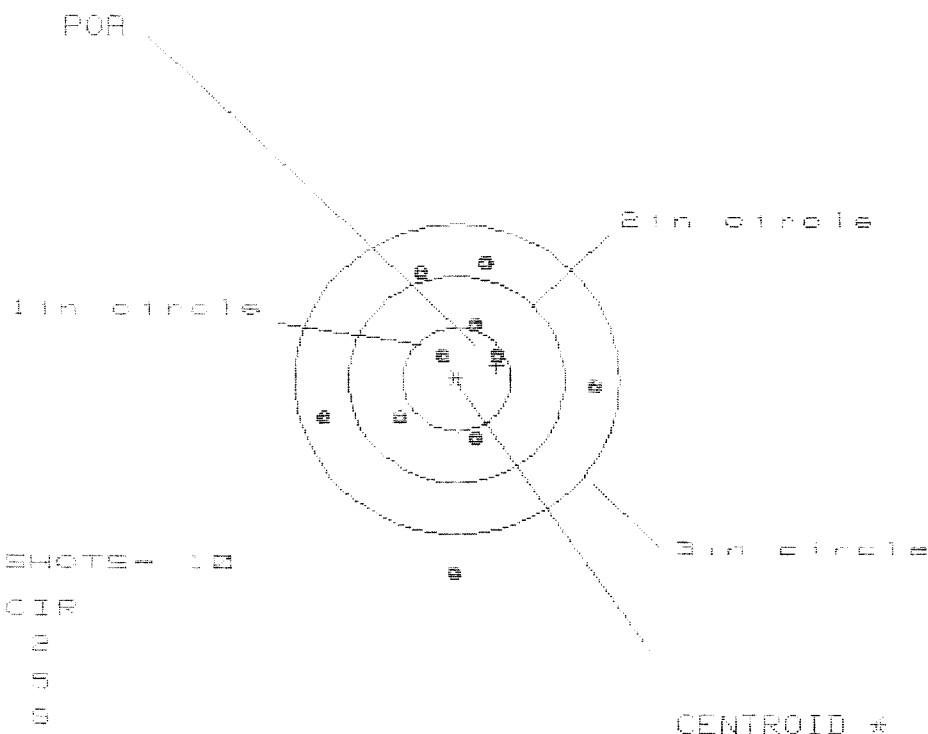
74P (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.034
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0554
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0650012
THE RMR FOR THIS RIFLE IS: .9244

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349008

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.485

VS = 2.935

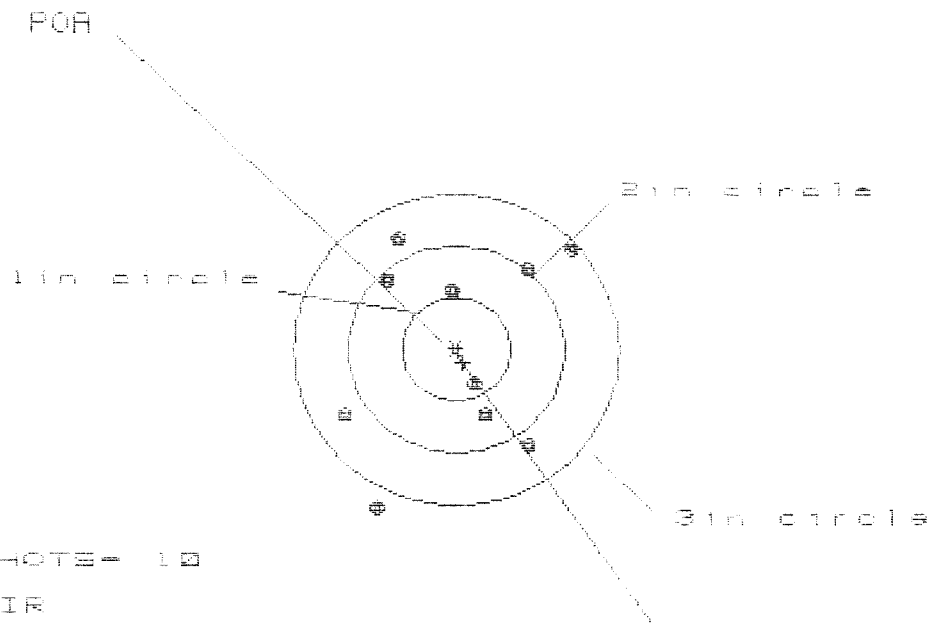
GS = 2.943

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.296	1.298	.498
MINIMUM X	-1.189	-1.187	-1.025
MAXIMUM Y	1.095	.890	.854
MINIMUM Y	-1.840	-.745	-.781
CENTROID X	-.370	-.372	-.534
CENTROID Y	-.131	.074	.110
POR TO CENTROID in.	.392	.379	.545
MIN RADIUS	.275	.153	.016
MEAN RADIUS	.907	.764	.682
MAX RADIUS	1.840	1.329	1.178
HORIZONTAL SPREAD	2.485	2.485	1.523
VERTICAL SPREAD	2.935	1.635	1.635
EXTREME SPREAD	2.943	2.499	2.025
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06049003

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.103

VS = 2.595

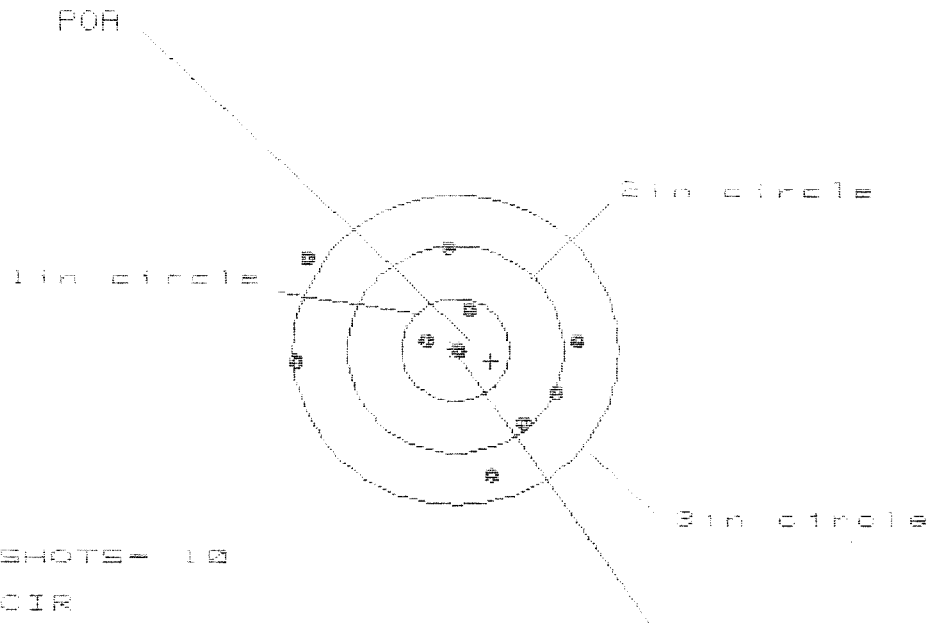
GS = 3.008

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.000	1.000	.739
MINIMUM X	-1.023	-1.103	-.978
MAXIMUM Y	1.106	.940	1.035
MINIMUM Y	-1.490	-1.074	-.979
CENTROID X	-.065	.015	-.110
CENTROID Y	.130	.295	.200
POA TO CENTROID in.	.145	.295	.228
MIN RADIUS	.390	.421	.474
MEAN RADIUS	1.012	.927	.881
MAX RADIUS	1.654	1.343	1.225
HORIZONTAL SPREAD	2.103	2.103	1.717
VERTICAL SPREAD	2.595	2.014	2.014
EXTREME SPREAD	3.008	2.597	2.346
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349009

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.598

VS= 2.198

GS= 2.693

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.164	1.011	.812
MINIMUM X	-1.434	-1.587	-.628
MAXIMUM Y	.981	1.083	1.085
MINIMUM Y	-1.209	-1.107	-1.105
CENTROID X	-.328	-.175	.024
CENTROID Y	.110	.008	.006
POA TO CENTROID in.	.346	.175	.024
MIN RADIUS	.045	.140	.328
MEAN RADIUS	.922	.842	.748
MAX RADIUS	1.651	1.587	1.171
HORIZONTAL SPREAD	2.598	2.598	1.440
VERTICAL SPREAD	2.190	2.190	2.190
EXTREME SPREAD	2.693	2.602	2.222
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

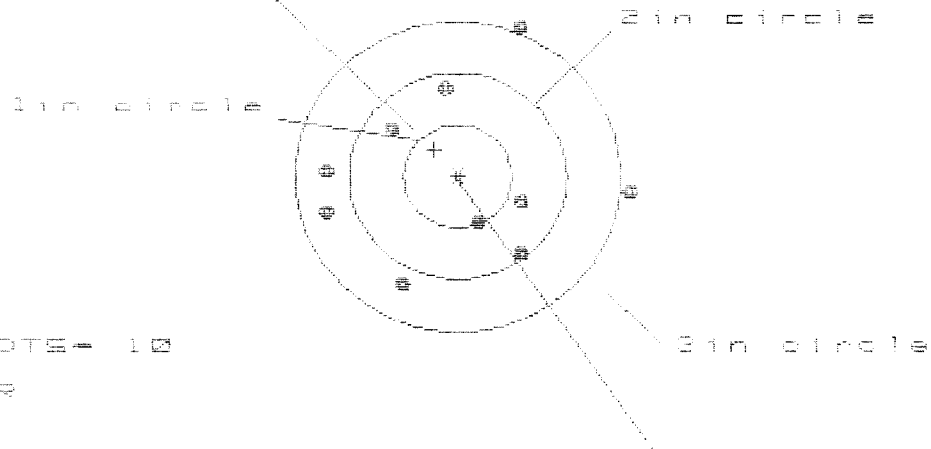
28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349003

CENTERFIRE PATTERNS

4

POA



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.794

VS = 2.493

GS = 2.801

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.563	1.629	1.903
MINIMUM X	-1.231	-1.165	-1.962
MAXIMUM Y	1.502	1.057	1.065
MINIMUM Y	-0.991	-0.825	-0.817
CENTROID X	.214	.148	-0.055
CENTROID Y	-.260	-.426	-.434
POA TO CENTROID in.	.337	.451	.438
MIN RADIUS	.502	.399	.554
MEAN RADIUS	1.051	.968	.878
MAX RADIUS	1.615	1.630	1.078
HORIZONTAL SPREAD	2.794	2.794	1.865
VERTICAL SPREAD	2.493	1.882	1.882
EXTREME SPREAD	2.801	2.801	1.974
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06348000

CENTERFIRE PATTERNS

5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.897

VS = 1.676

GS = 2.471

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.983	.403	.291
MINIMUM X	-.994	-.894	-.505
MAXIMUM Y	.926	1.021	.941
MINIMUM Y	-.750	-.655	-.735
CENTROID X	.379	.279	.391
CENTROID Y	-.126	-.221	-.141
POR TO CENTROID in.	.400	.356	.416
MIN RADIUS	.191	.215	.209
MEAN RADIUS	.730	.681	.685
MAX RADIUS	1.243	1.096	.944
HORIZONTAL SPREAD	1.897	1.297	.796
VERTICAL SPREAD	1.676	1.676	1.676
EXTREME SPREAD	2.471	1.898	1.713
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	