

C6348847

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00140034

Serial: C6348847 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 1/17/2008 1:21:15 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: PEDRO H MOJICA

PEDRO H MOJICA

Address 1: 68 LEXINGTON AVE

68 LEXINGTON AVE

Address 2: PO Box:

PO Box:

City: NEW YORK

NEW YORK

State: NY Zip Code: 10010

Country: US

State: NY Zip Code: 10010

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 973 752 3525

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagleij

1/22/2008

11:07 AM

NUM

Serial Number: C6348847

Model: M24 SWS



RE00140034

BARBER - M24 0039701		MAINTENANCE REQUEST		PG. NO.	NO. REQ.	QSM CONTROL SYMBOL						
				1		SYM: 8VZAAA803667						
CUSTOMER DATA				MAINTENANCE ACTIVITY DATA								
UIC CUST	CUSTOMER UNIT NAME			S-T WON	SHOP	PHONE NO						
W8SS14	FMS 14											
PHONE NO	SAMS-2 UIC	UTIL CD	U C SUPPORT	SUPPORT UNIT NAME								
	W8SSAA	7										
EQUIPMENT DATA												
MNT CD	ID	NSN	QDSK	END	MSAGECODE	CURRENT USAGE						
1	A	1005012402136				0						
MODEL	PROC CD			APC	IN WARRANTY							
M24RIFLE					N							
NOUN	LEVEL WORK			ADMIN NO								
RIFLE 7.62MM SNIP	F			M24-1								
ORG WON	QTY			AUTHENTICATING SIGNATURE:								
8SS14A800686	1											
SER NO												
C6611592												
MALFUNCTION DESCRIPTION/REMARKS: T.I. FOR SERVICE												
Unserviceable Supply Condition Code <u>G</u> <i>min 4 mts</i>												
TECHNICAL REFERENCES												
TASK / PART REQUIREMENTS												
ACT CDE	TASK NO	ACT RQD	TASK DESCRIPTION	QTY RPR	WRK CTR	FAIL CODE	MH PROJ	MH EXP				
	W01	F	T.I. FOR SERVICE	1	ARM	106	1.5	1.5				
ACT CDE	TASK NO	ID	REQUIRED NSN / PART NUMBER	SFX CDE	QTY RQD	ISL	NS	FAIL CODE	STORAGE LOC	INIT	SCOST	
TOTAL MANHOURS			TOTAL MANHOURS / SFS				TOTAL PARTS COSTS					
QTY RPR	QTY CONDEMN	QTY NRTS	EVAC WON				EVAC UNIT NAME					
SUBMITTED BY			ACCEPTED BY		WORKED BY			INSPECTED BY		PICKED UP BY		
<i>R. Abies</i>			<i>JHR</i>		<i>JHR</i>			<i>JHR</i>		<i>R. Abies</i>		
DATE	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME
8010	A	8010	.5	F	8010	.5	W	8015	.5	U	8015	

DA FORM 2407-E (FACSIMILE)

A01-V0218-1.5

1/9/2008 11:58:41AM

Maintenance & Inspection Worksheet

Page 1 of 2

UIC: WPAOTO

HHC 1/69 INFANTRY

DA FORM 5988-E

EQUIPMENT DATA.

ADMIN NUM: M24-1

EQUIP SERIAL NUM: C6611592

MODEL: M24RIFLE

REGISTRATION NUM:

EQUIP NOUN: RIFLE 7.62MM SNIP

TYPE INSPECTION: D

EQUIP NSN: 1005012402136

CURRENT READING: 0

NUMBER

DATE _____

CHANGE NUMBER

TM 9-1005-306-10

06/03

03

INSPECTORS LIC# :

TIME:

SIGNATURE:

TIME :

SERVICE DUE DATA

Service Description

TYPE

DATE _____

MI/KM/HR

Annual

A

7/31/07

0

PARTS REQUESTED

MAINTENANCE FAULTS

[illegible]

SAMS-1E - L21 - 12.04.00

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

File. 003705

Delivery Date 1/17/08Customer Name (Print) PEDRO H. MOSICAAddress 68 LEXINGTON AVE NEW YORK State NY Zip 10010
973Phone Number (752)- 752-3525Fireman Description Model MODEL 700 MAX Cal./Ga. 7.62 NATOSerial Number 66348847

Stock/ 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;

SCOPE MOUNT BASE & SCOPECustomer request: UP DATE TO A2 VERSION / CROWN COVERReturn 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 [Signature] Date 1/17/08

person delivering firearm

Signature _____ Date 1/17/08

security officer

Signature _____ Date ____/____/____

arms service / CSR

Customer Pick Up Verification

I certify, I am the person whom delivered the above described firearm to the Remington Ilion plant for repair and may lawfully possess a firearm in New York State.

Signature _____ Date ____/____/____

person receiving firearm must be the same who delivered

Signature _____ Date ____/____/____

security officer or other witness returning the firearm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348847.__0

FILE DATE AND TIME: 02/26/2008 08:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.143
The Average Y Centroid of the Five Target Set:	0.121
The Average Point of Impact of the Five Target Set:	0.187
The Average Mean Radius of the Five Target Set:	1.000
The Distance from POA to Centroid Target #1:	0.491
The Distance from Centroid Target #2 to Centroid Target #1:	0.718
The Distance from Centroid Target #3 to Centroid Target #1:	0.545
The Distance from Centroid Target #4 to Centroid Target #1:	0.855
The Distance from Centroid Target #5 to Centroid Target #1:	0.704

BARBER - M24 0039705

SERIAL NUMBER: C6348847. __0

TARGET NUMBER: 1

FILE DATE: 02/26/2008

FILE TIME: 08:00

POINT#	X	Y
1:	-0.021	-1.154
2:	-0.155	-0.837
3:	-0.501	-0.809
4:	-0.041	-0.092
5:	-0.424	0.191
6:	0.727	0.607
7:	0.796	0.821
8:	0.430	1.122
9:	-0.468	1.107
10:	-0.336	3.953

X CENTROID: 0.001

Y CENTROID: 0.491

POA TO CENTROID: 0.491

HORZ SPREAD: 1.297

VERT SPREAD: 5.107

GROUP SPREAD: 5.117

MIN RADIUS: 0.520

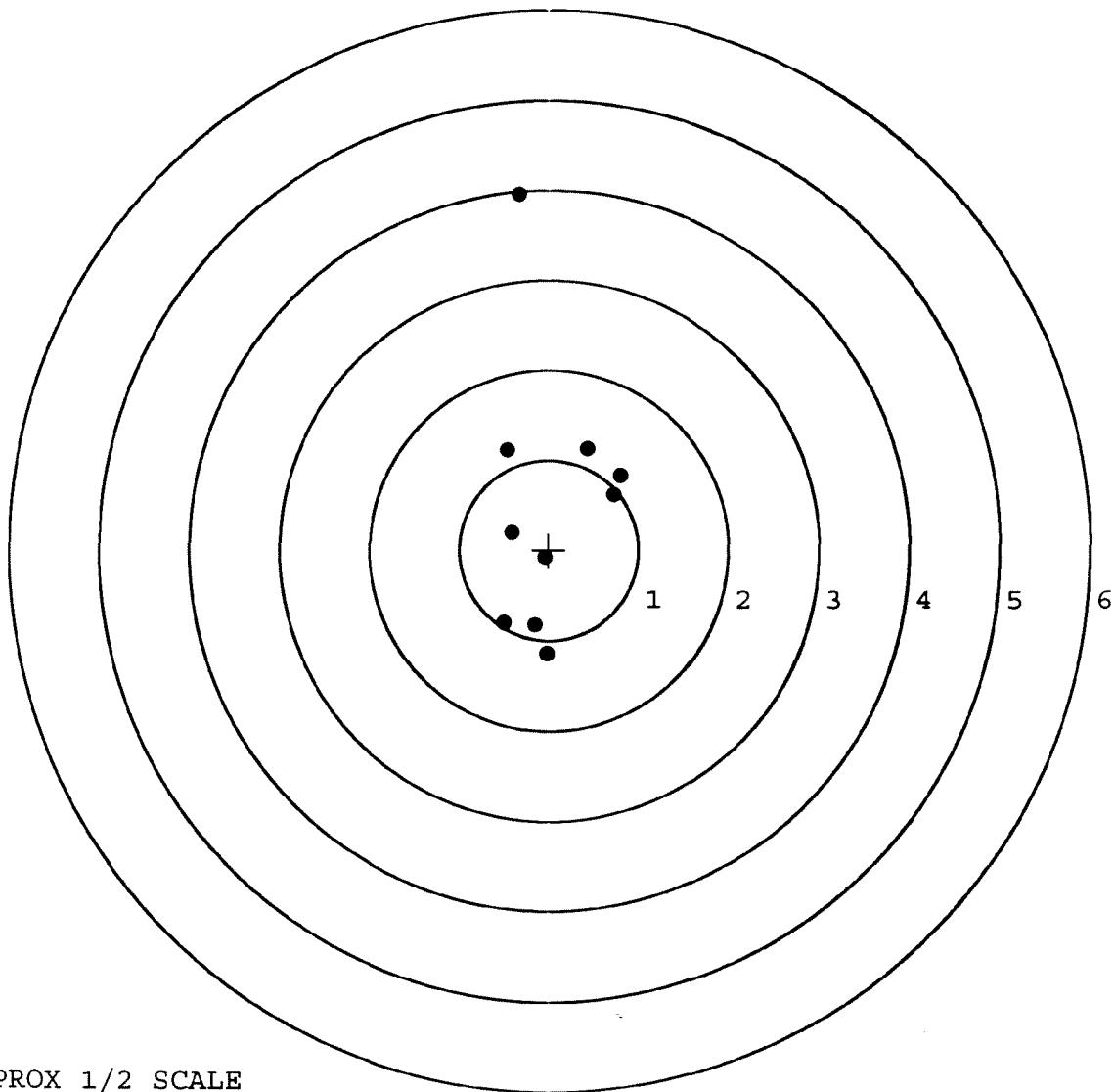
MAX RADIUS: 3.478

MEAN RADIUS: 1.209

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0039706

SERIAL NUMBER: C6348847. __0

TARGET NUMBER: 2

FILE DATE: 02/26/2008

FILE TIME: 08:00

POINT#	X	Y
1:	0.587	1.112
2:	-0.276	0.523
3:	-1.597	-0.430
4:	0.420	-0.043
5:	0.192	0.079
6:	-0.184	0.069
7:	-0.262	-0.414
8:	-0.390	-0.270
9:	-0.100	-1.046
10:	0.176	-1.709

X CENTROID: -0.143

Y CENTROID: -0.213

POA TO CENTROID: 0.257

HORZ SPREAD: 2.184

VERT SPREAD: 2.821

GROUP SPREAD: 2.851

MIN RADIUS: 0.233

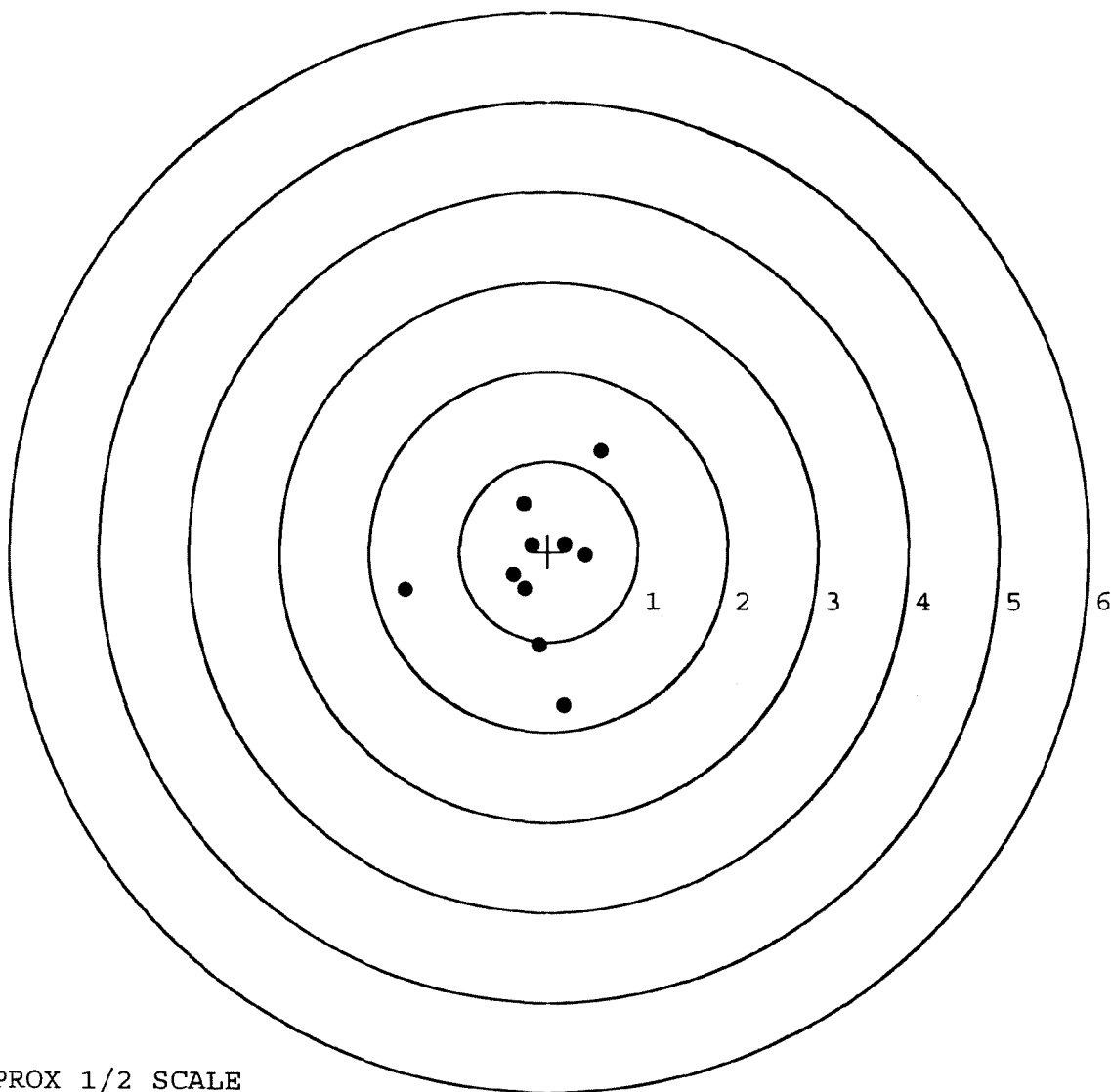
MAX RADIUS: 1.530

MEAN RADIUS: 0.790

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0039707

SERIAL NUMBER: C6348847. __0

TARGET NUMBER: 3

FILE DATE: 02/26/2008

FILE TIME: 08:00

POINT#	X	Y
1:	-0.289	-0.377
2:	0.154	-0.264
3:	0.316	0.022
4:	-0.313	0.007
5:	-0.055	0.478
6:	-0.019	0.087
7:	-1.360	1.149
8:	-1.665	1.036
9:	-0.658	3.513
10:	-0.340	2.686

X CENTROID: -0.423

Y CENTROID: 0.834

POA TO CENTROID: 0.935

HORZ SPREAD: 1.981

VERT SPREAD: 3.890

GROUP SPREAD: 3.907

MIN RADIUS: 0.512

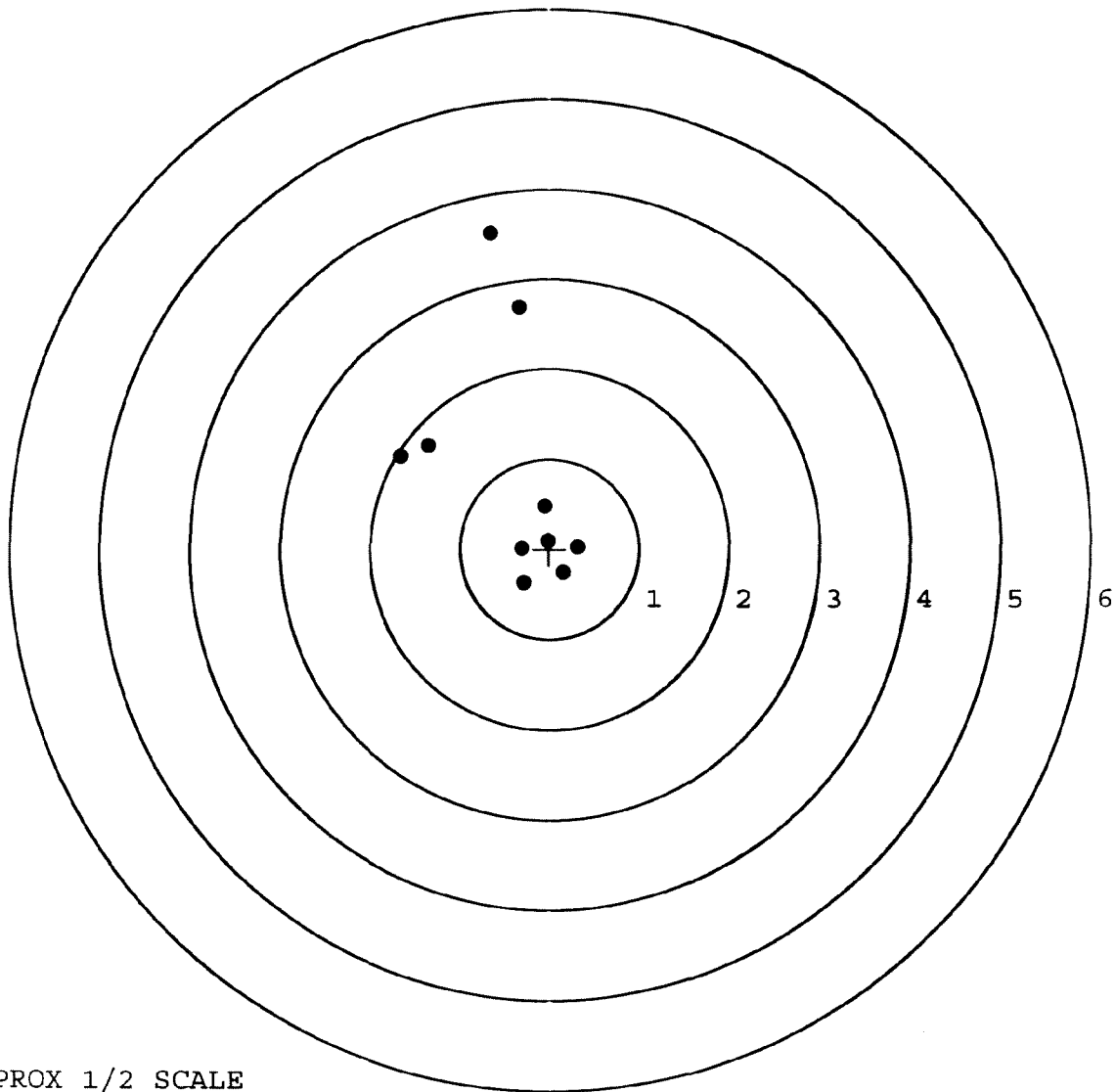
MAX RADIUS: 2.690

MEAN RADIUS: 1.254

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0039708

SERIAL NUMBER: C6348847. __0

TARGET NUMBER: 4

FILE DATE: 02/26/2008

FILE TIME: 08:00

POINT#	X	Y
1:	0.433	0.919
2:	0.069	0.342
3:	-0.246	0.257
4:	-0.605	0.097
5:	-0.281	-0.141
6:	-0.519	-0.384
7:	-0.152	-0.947
8:	0.581	-0.117
9:	1.080	-0.969
10:	0.977	-2.597

X CENTROID: 0.134

Y CENTROID: -0.354

POA TO CENTROID: 0.378

HORZ SPREAD: 1.685

VERT SPREAD: 3.516

GROUP SPREAD: 3.558

MIN RADIUS: 0.466

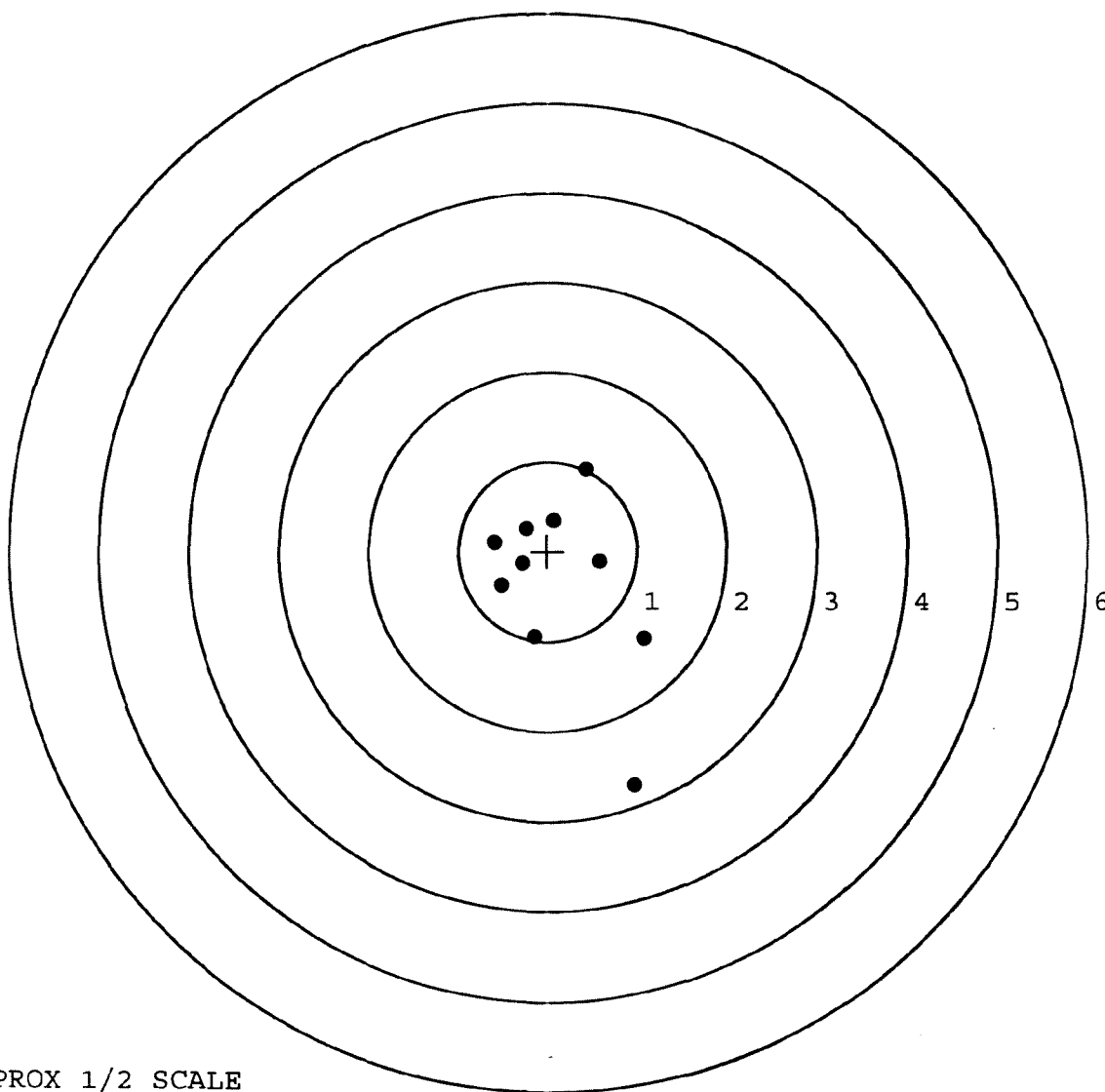
MAX RADIUS: 2.396

MEAN RADIUS: 0.940

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

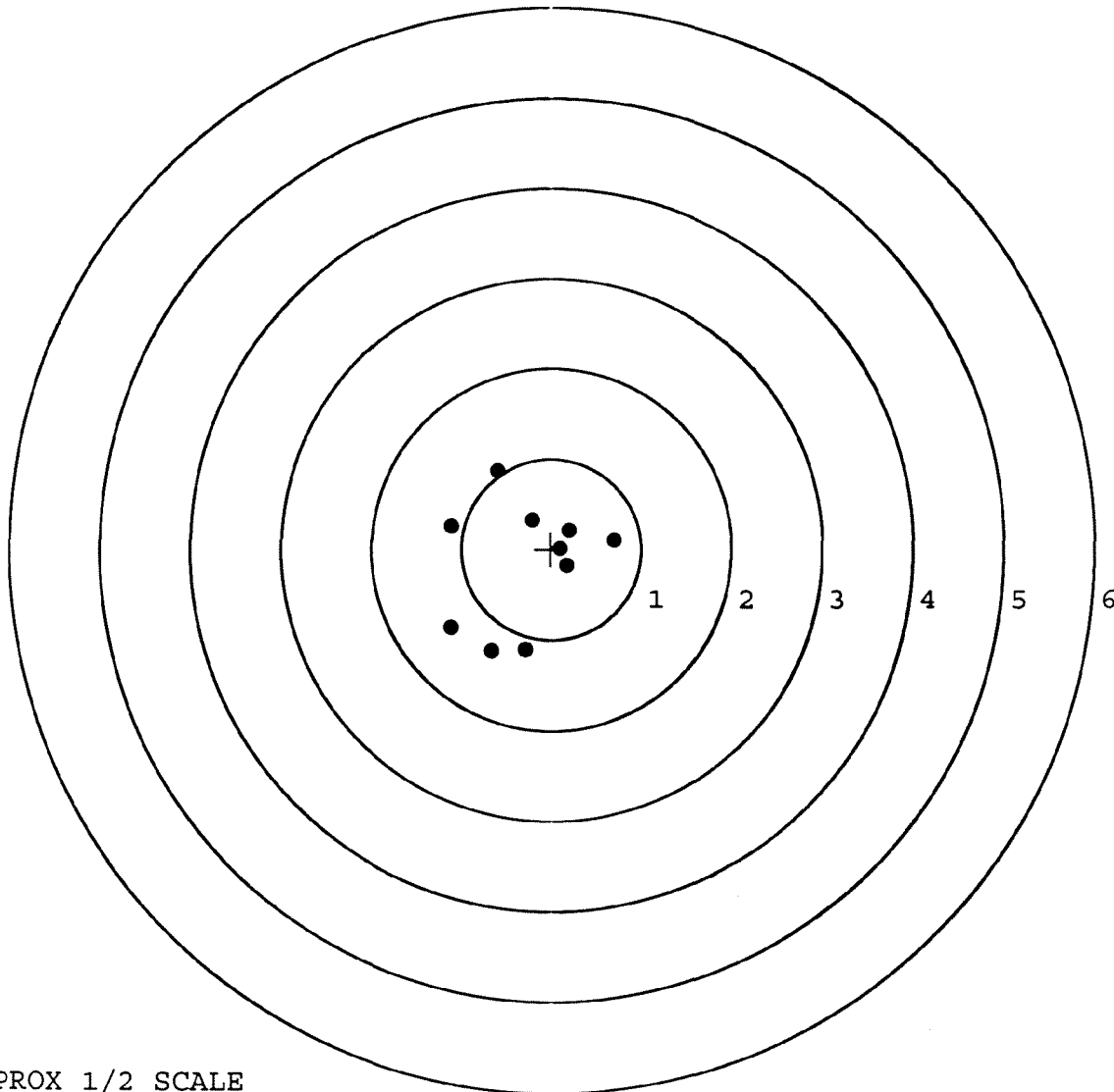


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348847. 0
 TARGET NUMBER: 5
 FILE DATE: 02/26/2008
 FILE TIME: 08:00

POINT#	X	Y
1:	-0.287	-1.117
2:	-0.670	-1.131
3:	-1.115	-0.872
4:	-1.118	0.254
5:	-0.596	0.873
6:	0.699	0.095
7:	0.178	-0.182
8:	0.101	0.013
9:	0.196	0.211
10:	-0.214	0.322

X CENTROID: -0.283
 Y CENTROID: -0.153
 POA TO CENTROID: 0.322
 HORZ SPREAD: 1.817
 VERT SPREAD: 2.004
 GROUP SPREAD: 2.056
 MIN RADIUS: 0.418
 MAX RADIUS: 1.100
 MEAN RADIUS: 0.809
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER

140034

SERIAL NUMBER

C6348847

LOG-IN DATE

1-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-8-08	RTZ
505	RE-BARREL	2-11-08	RTZ
560	ASSEMBLE	2-11-08	RTZ
600	PROOF	2-11-08	TRW
605	CHECK HEADSPACE	2-11-08	TRW
610	DIS-ASSEMBLE GUN	2-11-08	J.P.D.
612	MAGNAFLUX	2/13/08	unib
510	DRILL AND TAP		
615	ROLLMARK CALIBER	2-20-08	CW
618	ROTO-BLAST	2-14-08	DG
620	APPLY COATINGS	2-14-08	CW
625	FINAL ASSEMBLY	2-20-08	J.P.D.
640	FUNCTION TEST AND	(PASS) FAIL	2-20-08 TRW
650	TARGET	(PASS) FAIL	2-20-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		2-20-08 RP
	A) HEADSPACE	(PASS) FAIL	2-21-08 DA
	B) TRIGGER PULL	2.24 2.26 2.32 2.37 2.34 2.21.08	DA
680	F) SAFETY ON FORCE	5.5 5.5 5.75 2-21-08	DA
	G) SAFETY OFF FORCE	2.75 3.2 2.75 2-21-08	DA
	I) FIRING PIN INDENT	.022 .022 .023 2-21-08	DA
690	PACK	3-4-08	DA

MAGNA - FLUX

FEB 13 2008

OPERATOR unib

N/A

Remington®

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

Remington

MODEL 700™ M24

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

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

SERIAL NO.
C6348847

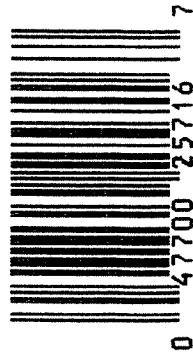
ORDER NO.
5716

01



5716 C6348847

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348847

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/5-89	GS
617	Drill and Tap Sight Holes	9 15	89	VB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9/5/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/28/89	JS

BARBER - M24 0039713		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	5	4	5			18 Oct 89	912
	G) Safety Off Force	4	4	4			18 Oct 89	914
	H) Trigger Pull Test & Retainability						16 Oct 89	912
	I) Firing Pin Indent	.0215	.21	.0205			18 Oct 89	912
	J) Assemble Stock						10/20/89	RW
	K) Assemble Swivel Studs						24 Oct 89	922
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						20 Oct 89	912
	P) Detach & Attach Scope 20 Times						20 Oct 89	912
640	Gallery Target & Test						10-23-89	DH
	A) Time						10-23-89	DH
	B) Malfunctions						10-23-89	DH
	C) Pierced Primers						10-23-89	DH
	D) Optical Clarity of Scope						10-23-89	DH
645	Inspect for Live Ammo						10-23-89	DH
655	Final Inspection						24 Oct 89	912
	A) Headspace						24 Oct 89	912
	B) Trigger Pull	2.83	2.80	2.76	2.80	2.83	24 Oct 89	912
	C) Function						24 Oct 89	912
660	Pack						13 Dec 89	912

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO

6348847

DATE 3-13-90

TESTER

JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.60	2.25		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.40	2.19		
PULL #3	2.20	2.32	2.18		
PULL #4	2.57	2.19	2.20		
PULL #5	2.22	2.47	2.22		
TOTAL	12.07	11.88	11.04		
AVG.	2.414	2.376	2.208		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.32		
PULL #2	3.34	3.33		
PULL #3	3.39	3.37		
PULL #4	3.37	3.39		
PULL #5	3.39	3.41		
TOTAL	16.85	16.82		
AVG.	3.37	3.364		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.27		
PULL #2	4.30	4.30		
PULL #3	4.39	4.12		
PULL #4	4.36	4.23		
PULL #5	4.24	4.24		
TOTAL	21.61	21.16		
AVG.	4.322	4.232		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348847
24 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.562193
1 TO	2	.597509
1 TO	3	.686289
1 TO	4	.596934
1 TO	5	.674003

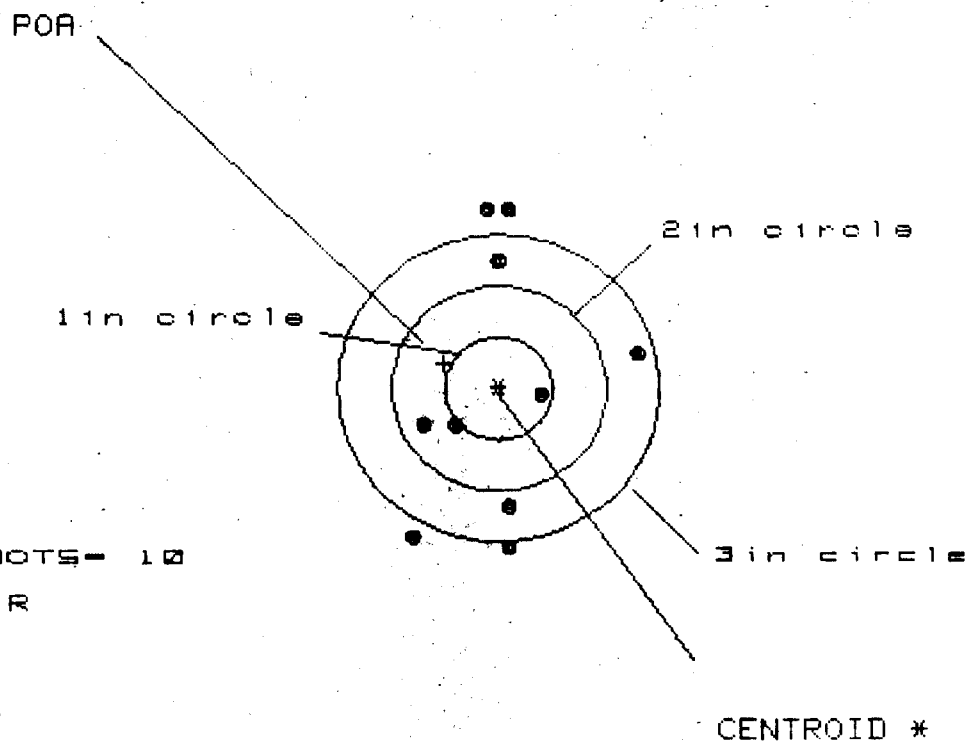
SP 1 <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .125
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .084
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .150602
THE AMR FOR THIS RIFLE IS: 1.155

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG348847

CENTERFIRE PATTERNS. # 1



OF SHOTS - 10

IN CIR

1in - 1

2in - 3

3in - 6

HS - 2.124

VS - 3.311

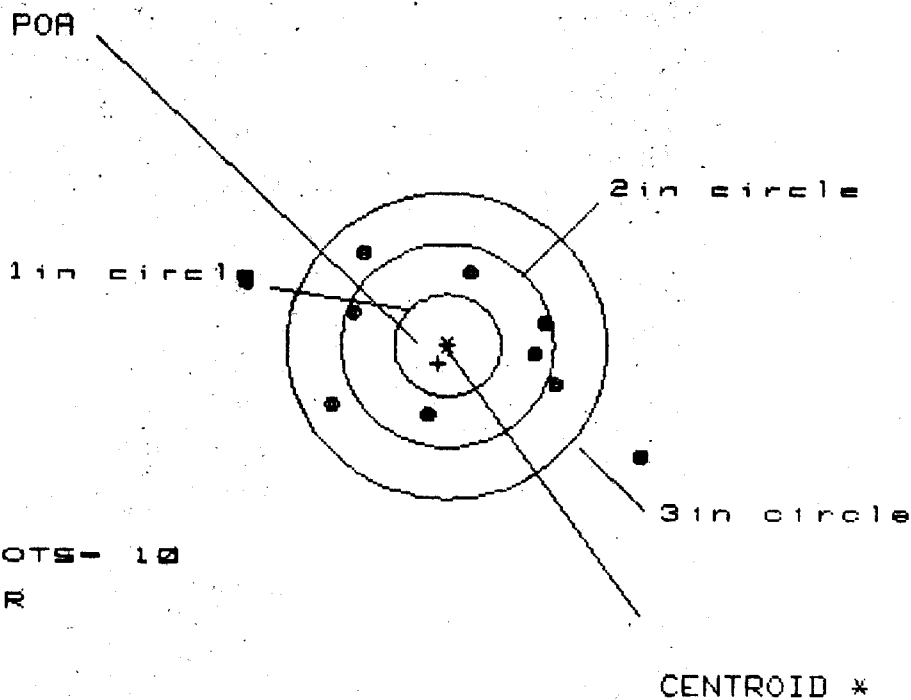
GS - 3.340

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.330	1.339	1.329
MINIMUM X	-.804	-.795	-.805
MAXIMUM Y	1.727	1.908	1.694
MINIMUM Y	-1.585	-1.393	-1.154
CENTROID X	.506	.497	.507
CENTROID Y	-.245	-.437	-.676
POA TO CENTROID in.	.562	.662	.845
MIN RADIUS	.394	.396	.392
MEAN RADIUS	1.230	1.144	1.017
MAX RADIUS	1.729	1.910	1.694
HORIZONTAL SPREAD	2.134	2.134	2.134
VERTICAL SPREAD	3.311	3.301	2.848
EXTREME SPREAD	3.340	3.307	2.880
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346847

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 3.600

VS= 1.944

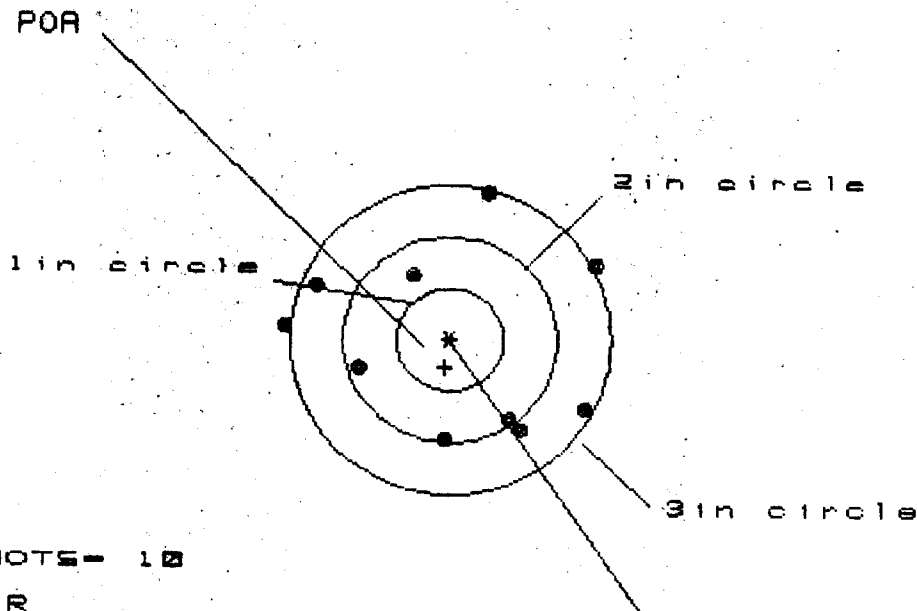
GS= 4.057

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.811	1.239	1.029
MINIMUM X	-1.878	-1.676	-1.067
MAXIMUM Y	.908	.792	.860
MINIMUM Y	-1.036	-.788	-.720
CENTROID X	.085	-.117	.093
CENTROID Y	.179	.295	.227
POA TO CENTROID in.	.198	.317	.246
MIN RADIUS	.697	.669	.706
MEAN RADIUS	1.174	1.064	.956
MAX RADIUS	2.087	1.760	1.230
HORIZONTAL SPREAD	3.689	2.915	2.096
VERTICAL SPREAD	1.944	1.580	1.580
EXTREME SPREAD	4.057	3.103	2.287
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

24 Oct 1989

FILE: PATTERNING/CENTERFIRE_PATT/C8348847

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.860

VS = 2.360

GS = 2.927

CENTROID *

PATTERN

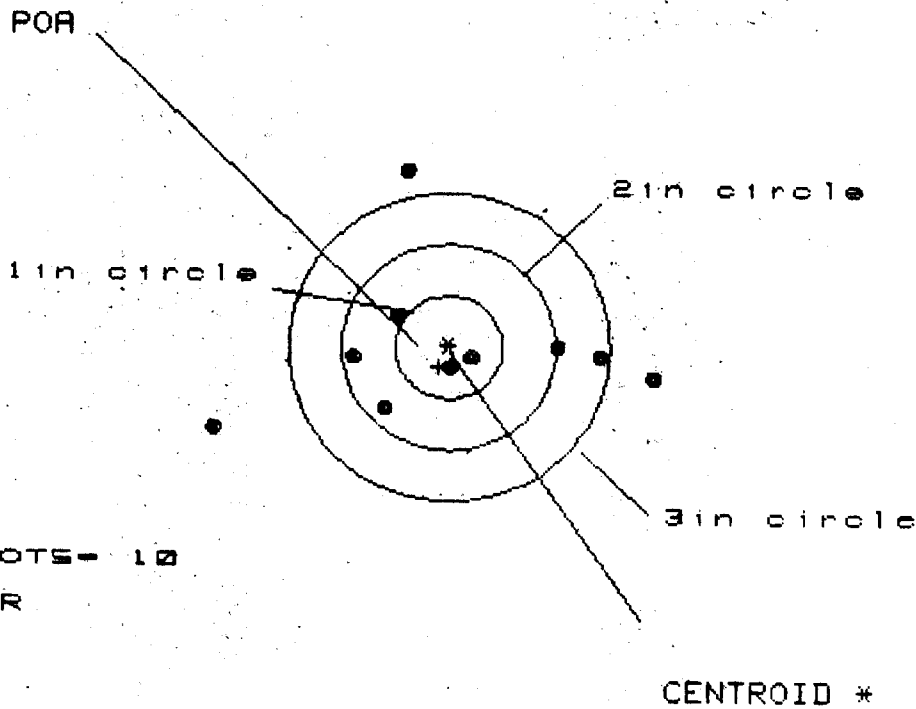
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.301	1.128	1.217
MINIMUM X	-1.559	-1.409	-1.268
MAXIMUM Y	1.417	1.431	1.527
MINIMUM Y	-.943	-.929	-.833
CENTROID X	.049	.222	.081
CENTROID Y	.267	.253	.157
POA TO CENTROID in.	.272	.337	.177
MIN RADIUS	.775	.837	.842
MEAN RADIUS	1.188	1.139	1.089
MAX RADIUS	1.564	1.498	1.552
HORIZONTAL SPREAD	2.860	2.537	2.485
VERTICAL SPREAD	2.360	2.360	2.360
EXTREME SPREAD	2.927	2.736	2.736
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

24 Oct 1989

FILE: PATTERNING/CENTERFIRE_PATT/C034B047

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

ME = 4.026

VS = 2.538

GS = 4.062

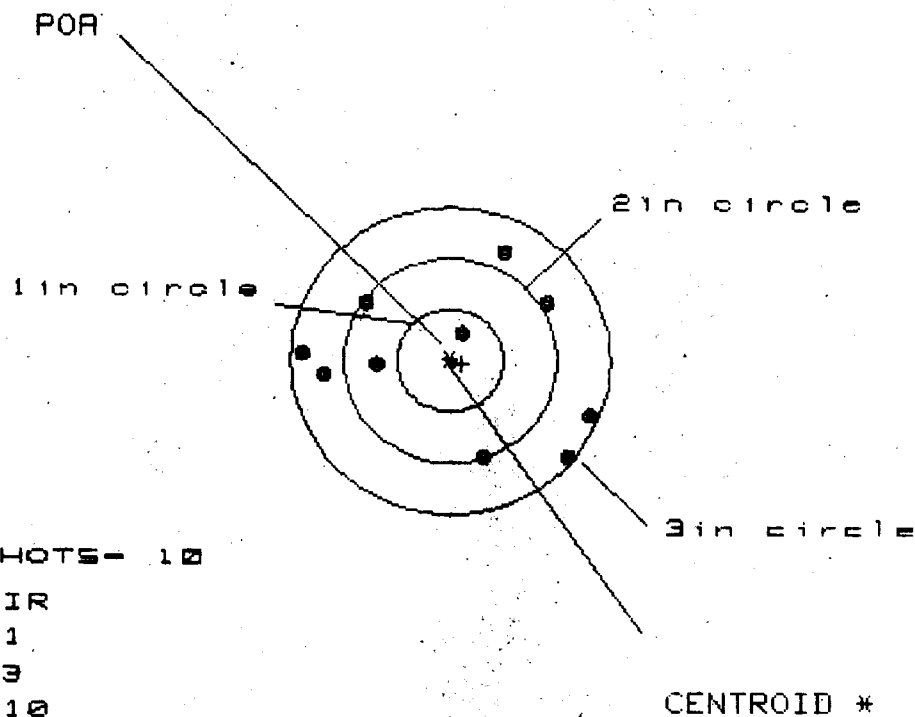
PATTERN

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.867	1.627	1.351
MINIMUM X	-2.159	-1.172	-0.968
MAXIMUM Y	1.732	1.642	1.597
MINIMUM Y	-0.806	-0.689	-0.734
CENTROID X	0.093	0.333	0.130
CENTROID Y	0.186	0.276	0.321
POA TO CENTROID in.	0.208	0.432	0.346
MIN RADIUS	0.215	0.179	0.302
MEAN RADIUS	1.125	0.998	0.901
MAX RADIUS	2.305	1.745	1.644
HORIZONTAL SPREAD	4.026	2.799	2.319
VERTICAL SPREAD	2.538	2.331	2.331
EXTREME SPREAD	4.062	2.989	2.493
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HM = 2.745

VS = 2.052

GS = 2.805

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.307	1.147	1.043
MINIMUM X	-1.438	-1.337	-1.193
MAXIMUM Y	1.082	1.090	1.028
MINIMUM Y	-.970	-.962	-1.024
CENTROID X	-.108	.052	-.092
CENTROID Y	.033	.025	.087
POA TO CENTROID in.	.113	.057	.126
MIN RADIUS	.295	.288	.239
MEAN RADIUS	1.060	1.014	.963
MAX RADIUS	1.440	1.340	1.411
HORIZONTAL SPREAD	2.745	2.484	2.236
VERTICAL SPREAD	2.052	2.052	2.052
EXTREME SPREAD	2.805	2.516	2.373
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		