

C6349019

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 0105787
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: **RE00151229** Serial: C6349019 Model M24 SWS Center Fire Repairman: _____
 Verify Repair _____ Caliber: 7.62 NATO Status: Closed 9/16/2008 2:28:36 PM

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **ISD ARMSROOM** _____
 Address 1: **8TH DESERT STORM** _____
 Address 2: **BLDG 5210 BAY DOOR #30** PO Box: _____
 City: **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 _____ Condition Notes: _____ CSR Notes: _____	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	A057	Fit and Rear Sgt Base	1		
Code	Desc	Qty														
A007	With Stud	3														
A017	Scope Base	1														
A057	Fit and Rear Sgt Base	1														

Repair Search Refresh Close

naglelj 9/16/2008 3:27 PM CAPS NUM INS SCRL

start 8 M. 2 I. 3 M. Ar... Par... Eas... Sto... 3:27 PM

Serial Number: **C6349019**
 Model: **M24 SWS**

RE00151229

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-26-02-C-0146

CASE NUMBER 151229
 SERIAL NUMBER C6349019
 WORK DATE 9-16-08

OPERATION #	OPERATION NAME	DATE	INITIALS
590	DIS-ASSEMBLE GUN	9-17-08	RTZ
595	RE-BARREL	9-22-08	RTZ
600	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	9/30/08	TD
610	DRILL AND TAP	9-23-08	SP
615	ROLLMARK CALIBER	9/30/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-1	~
625	FINAL ASSEMBLY	10-7-08	RTZ
640	FUNCTION TEST AND	10-8-08	TC
650	TARGET	10-8-08	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-8-08	PSW
	A) HEADSPACE	10-22-08	SPD
		10-22-08	SPD
	B) TRIGGER PULL	2.54 2.51 2.54 2.54 2.54	10-13-08 TC
	C) SAFETY ON FORCE	3.0 3.5 4.0	10-22-08 SPD
	D) SAFETY OFF FORCE	4.0 4.0 4.5	10-22-08 SPD
	E) FIRING PIN INDENT	.022 .022 .022	10-22-08 SPD
690	PACK	10/2/08	FM

MAGNA-FLUX

SEP 30 2008

OPERATOR

PASS

FAIL

PASS

FAIL

CORRECTION

CORRECTION

CORRECTION

CORRECTION

PASS

FAIL

2.54 2.51 2.54 2.54 2.54

10-13-08 TC

3.0 3.5 4.0

10-22-08 SPD

4.0 4.0 4.5

10-22-08 SPD

.022 .022 .022

10-22-08 SPD

10/2/08 FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349019.___0
FILE DATE AND TIME: 10/08/2008 15:57

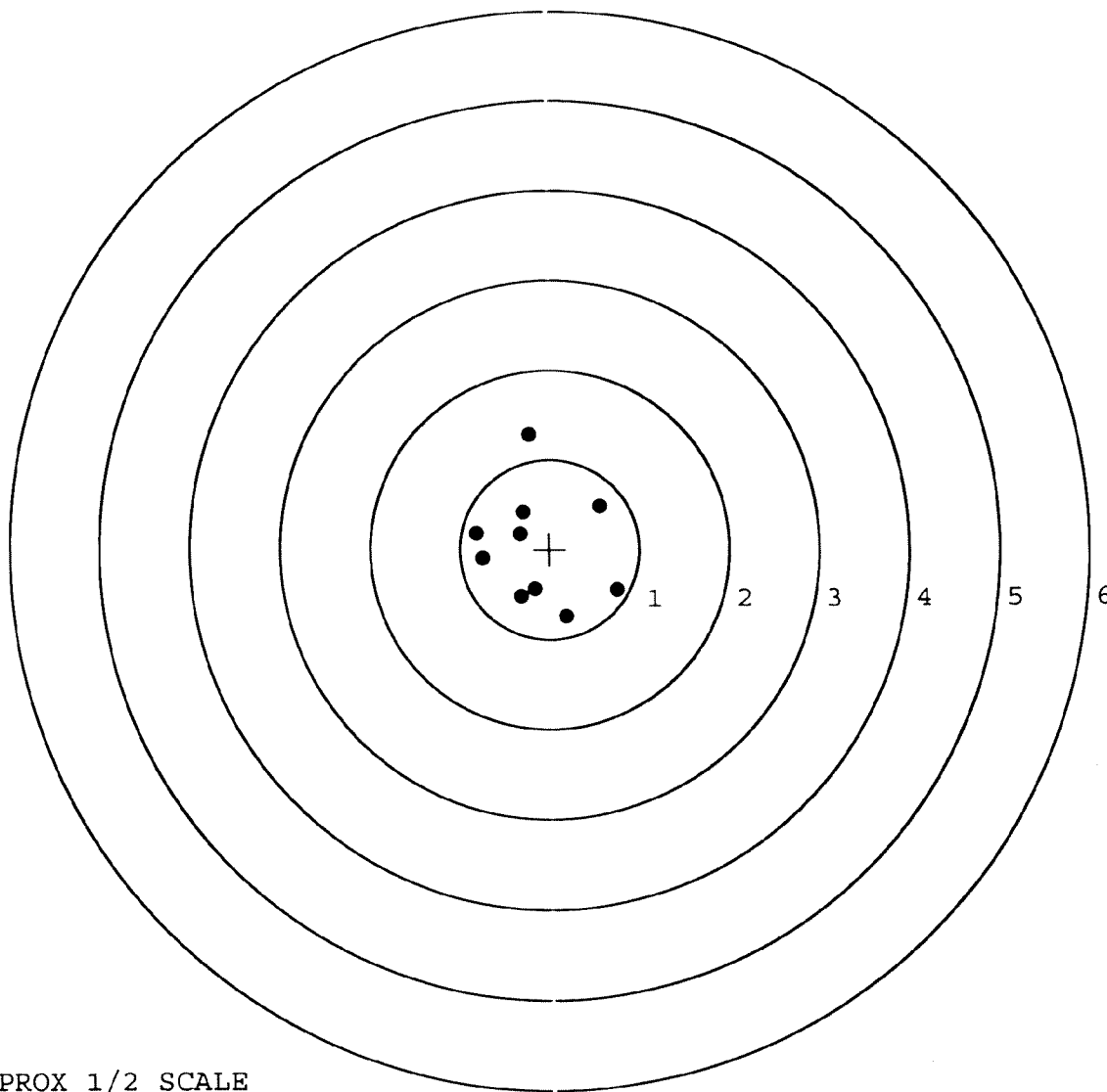
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.742
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.241
The Distance from Centroid Target #3 to Centroid Target #1:	0.026
The Distance from Centroid Target #4 to Centroid Target #1:	0.071
The Distance from Centroid Target #5 to Centroid Target #1:	0.182

SERIAL NUMBER: C6349019. __ 0
 TARGET NUMBER: 1
 FILE DATE: 10/08/2008
 FILE TIME: 15:57

POINT#	X	Y
1:	-0.225	1.280
2:	0.185	-0.749
3:	0.750	-0.455
4:	0.563	0.474
5:	-0.323	-0.526
6:	-0.173	-0.440
7:	-0.751	-0.096
8:	-0.818	0.184
9:	-0.329	0.171
10:	-0.295	0.414

X CENTROID: -0.142
 Y CENTROID: 0.026
 POA TO CENTROID: 0.144
 HORZ SPREAD: 1.568
 VERT SPREAD: 2.029
 GROUP SPREAD: 2.070
 MIN RADIUS: 0.237
 MAX RADIUS: 1.257
 MEAN RADIUS: 0.696
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

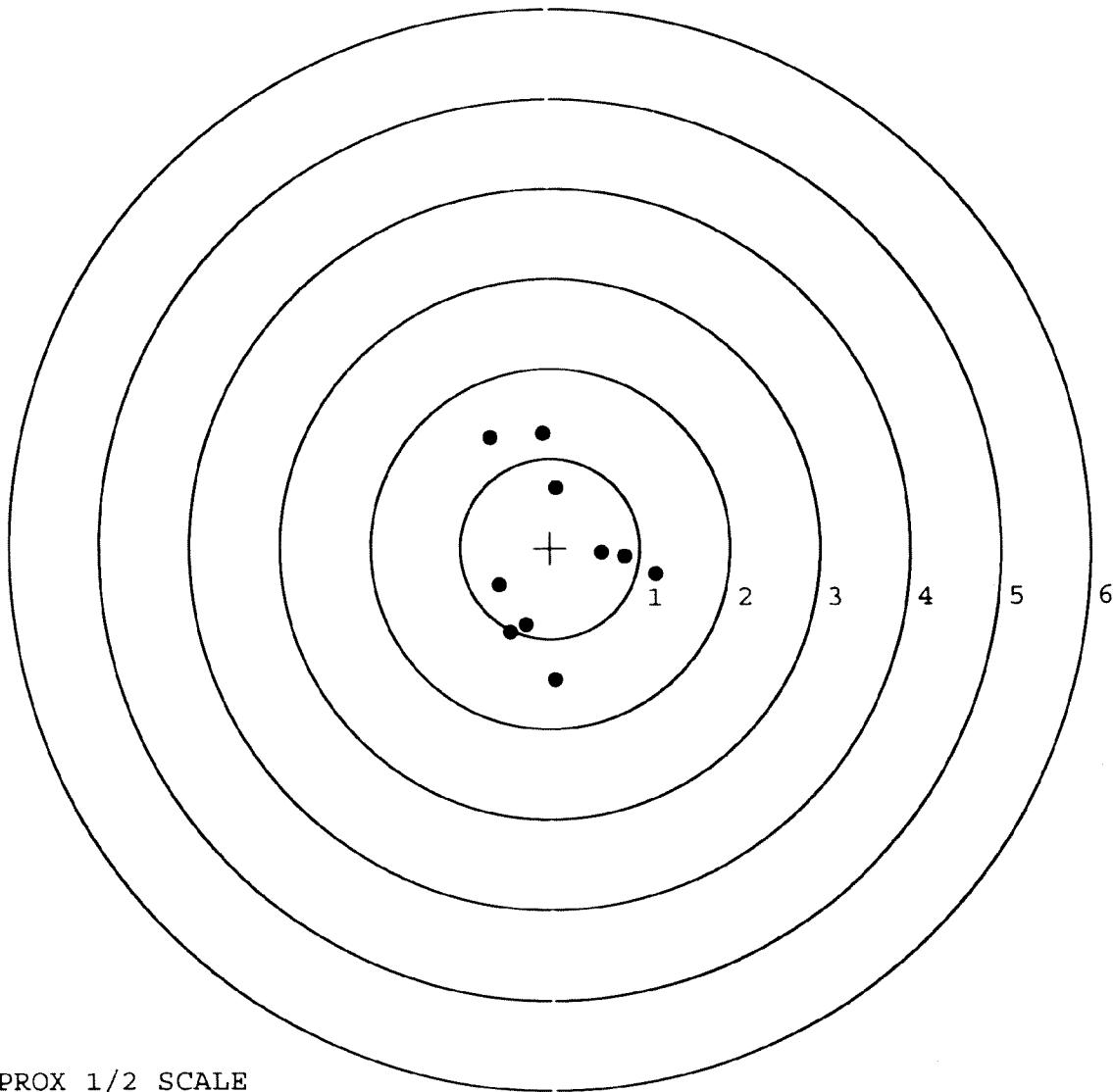


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349019. __0
 TARGET NUMBER: 2
 FILE DATE: 10/08/2008
 FILE TIME: 15:57

POINT#	X	Y
1:	-0.654	1.239
2:	-0.077	1.275
3:	0.048	-1.462
4:	-0.448	-0.929
5:	-0.280	-0.849
6:	-0.568	-0.412
7:	1.177	-0.306
8:	0.830	-0.106
9:	0.578	-0.059
10:	0.071	0.673

X CENTROID: 0.068
 Y CENTROID: -0.094
 POA TO CENTROID: 0.116
 HORZ SPREAD: 1.831
 VERT SPREAD: 2.737
 GROUP SPREAD: 2.791
 MIN RADIUS: 0.511
 MAX RADIUS: 1.515
 MEAN RADIUS: 0.995
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349019. 0

TARGET NUMBER: 3

FILE DATE: 10/08/2008

FILE TIME: 15:57

POINT#	X	Y
1:	-1.641	0.908
2:	1.156	-0.741
3:	-0.316	-0.572
4:	-0.176	-0.661
5:	-0.006	-0.621
6:	0.533	-0.151
7:	-0.115	0.158
8:	-0.609	0.430
9:	-0.138	0.582
10:	0.074	0.736

X CENTROID: -0.124

Y CENTROID: 0.007

POA TO CENTROID: 0.124

HORZ SPREAD: 2.797

VERT SPREAD: 1.649

GROUP SPREAD: 3.247

MIN RADIUS: 0.151

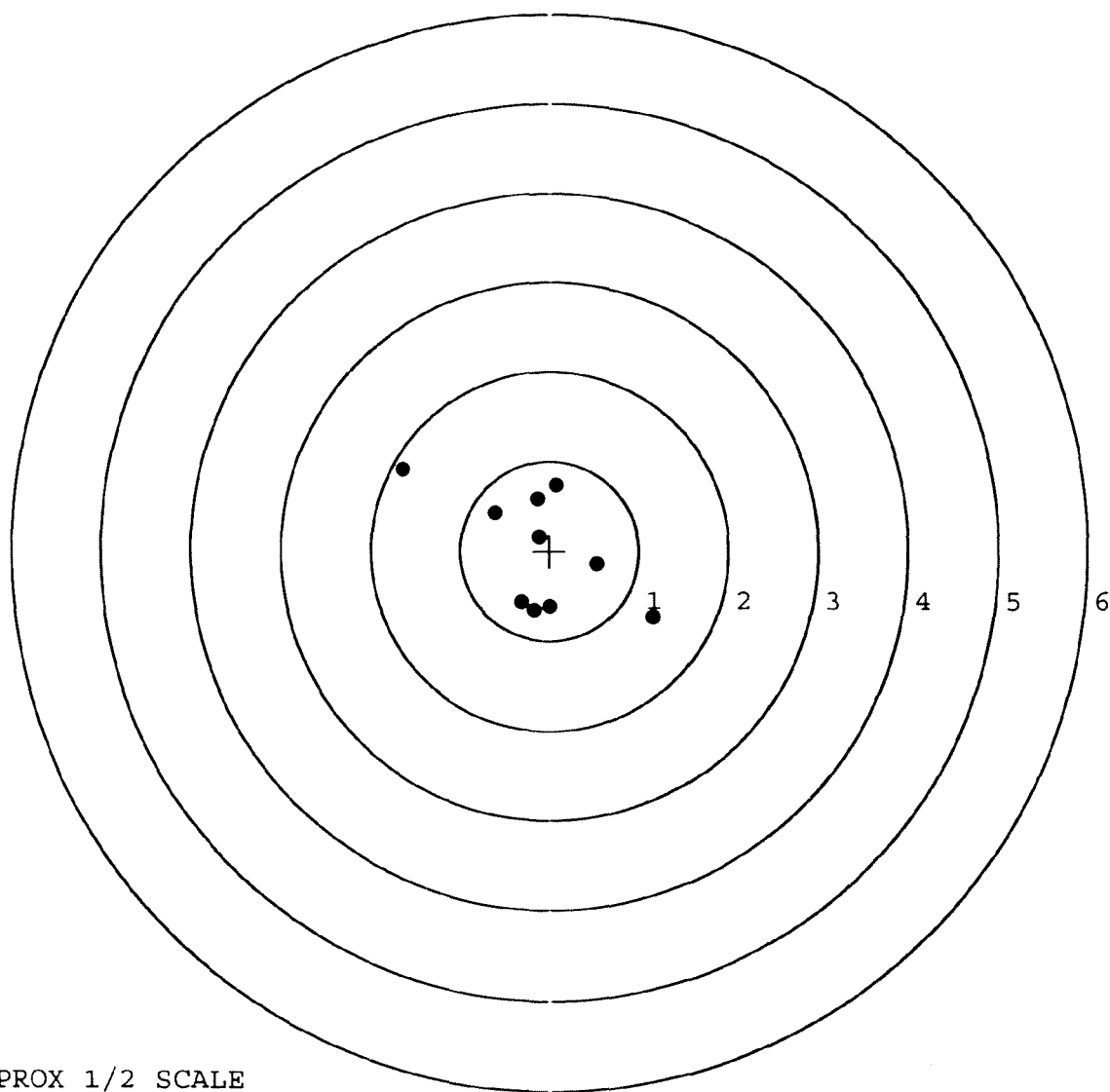
MAX RADIUS: 1.765

MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349019. 0

TARGET NUMBER: 4

FILE DATE: 10/08/2008

FILE TIME: 15:57

POINT#	X	Y
1:	-0.221	-0.965
2:	0.073	-0.755
3:	-0.937	-0.188
4:	-0.420	0.228
5:	-0.089	0.167
6:	-0.341	0.342
7:	-0.240	0.417
8:	0.011	0.661
9:	0.285	0.519
10:	0.383	0.537

X CENTROID: -0.150

Y CENTROID: 0.096

POA TO CENTROID: 0.178

HORZ SPREAD: 1.320

VERT SPREAD: 1.626

GROUP SPREAD: 1.642

MIN RADIUS: 0.093

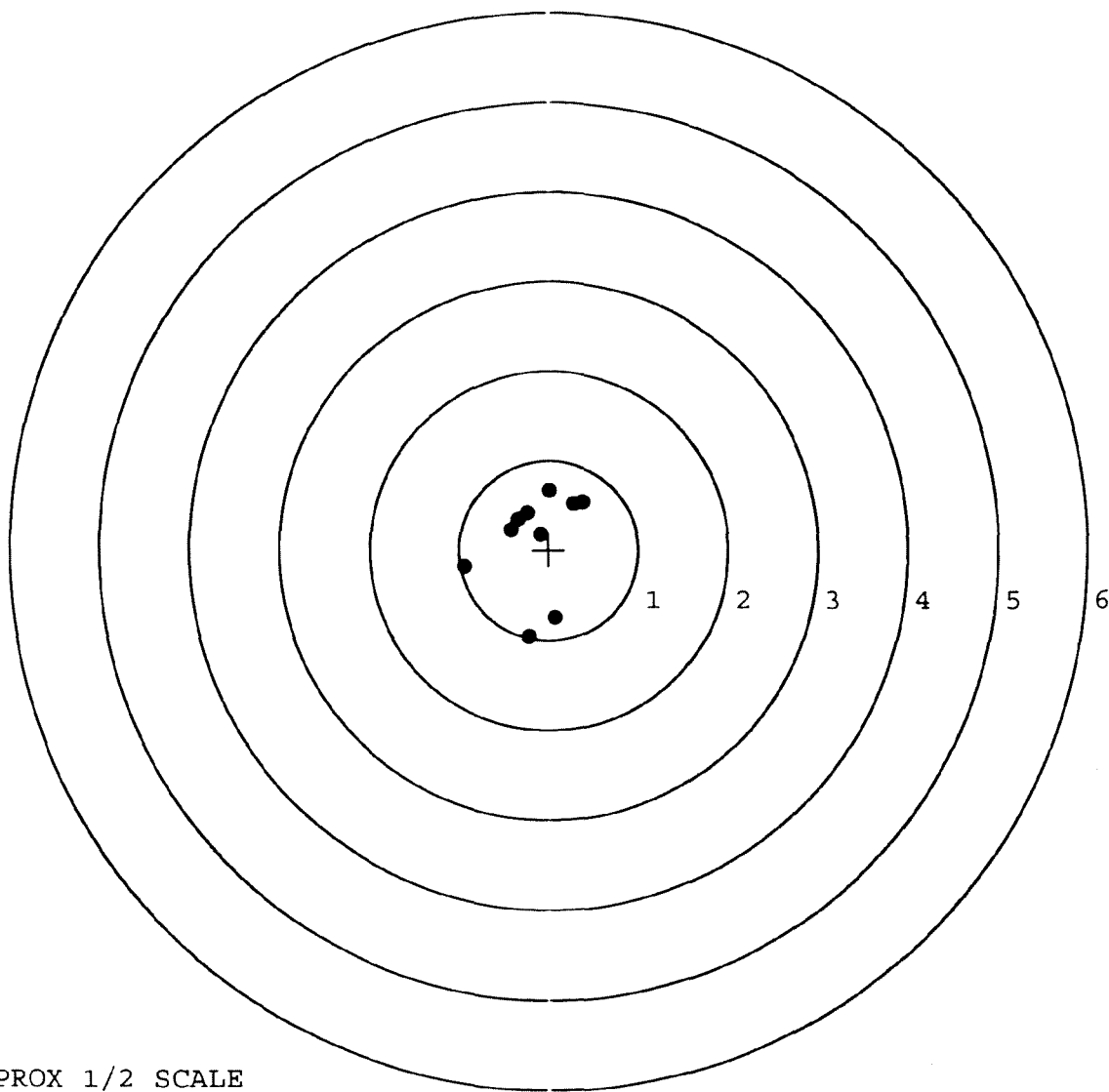
MAX RADIUS: 1.064

MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0105794

SERIAL NUMBER: C6349019. 0

TARGET NUMBER: 5

FILE DATE: 10/08/2008

FILE TIME: 15:57

POINT#	X	Y
1:	-0.747	-0.436
2:	0.623	-0.644
3:	-0.008	0.763
4:	0.378	0.738
5:	-0.877	-0.092
6:	0.398	-0.449
7:	0.581	-0.544
8:	-0.340	-0.049
9:	0.112	0.190
10:	0.204	0.262

X CENTROID: 0.032

Y CENTROID: -0.026

POA TO CENTROID: 0.042

HORZ SPREAD: 1.500

VERT SPREAD: 1.407

GROUP SPREAD: 1.598

MIN RADIUS: 0.230

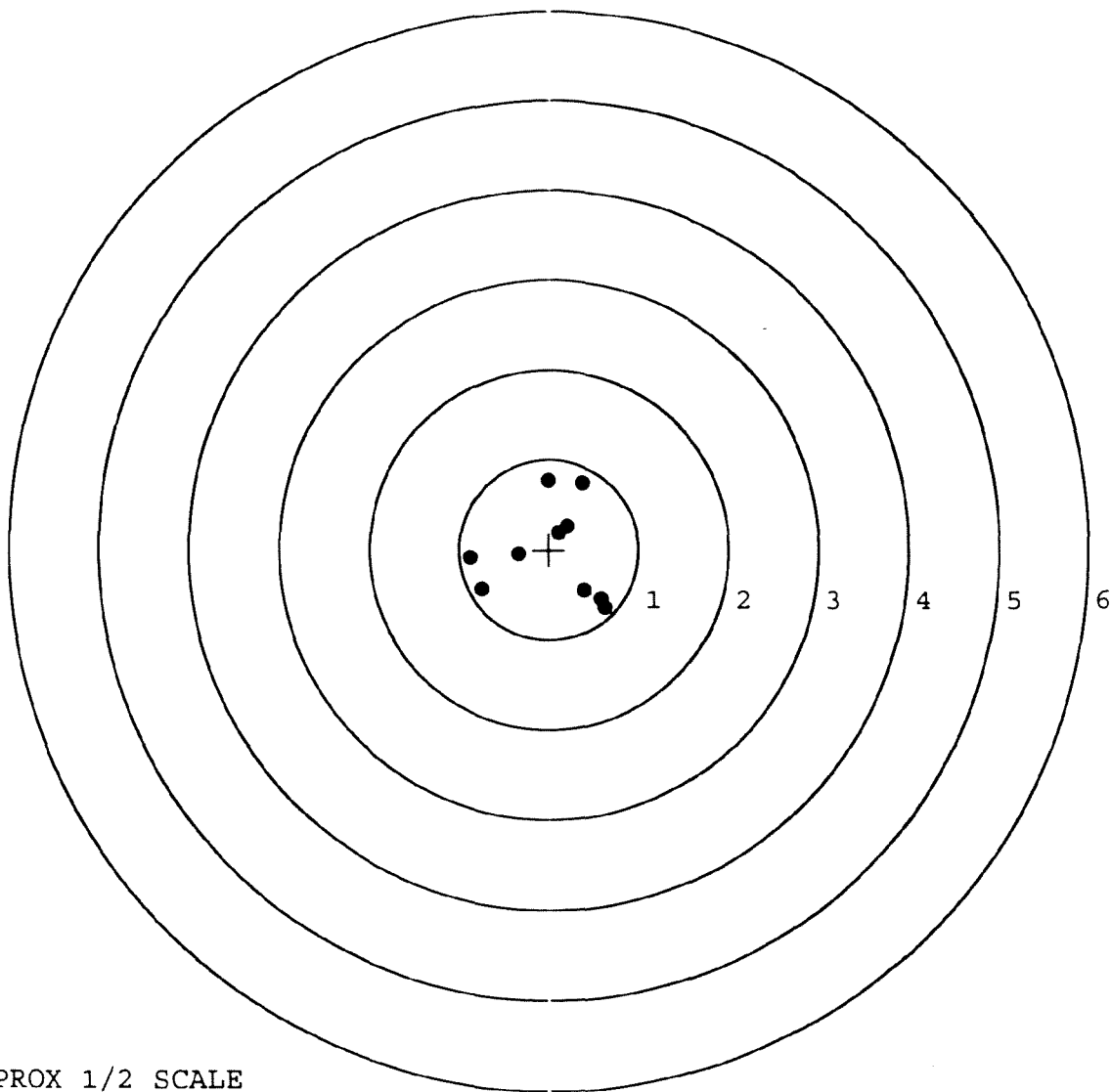
MAX RADIUS: 0.912

MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24-0105795

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-09164

INITIAL
SWS

CUSTOMER ORDER NO.
369

DATE RECEIVED 04/09/99	DATE OPENED 04/08/99	DATE CODE XJ 12-89	SERIAL NUMBER C6349019	NEW SERIAL NUMBER	MODEL AND GRADE 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-D.DL

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
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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 96003
Extractor 91816

REPAIRMAN RW	PROOF C	CLEAN C	TEST C	TARGET C	PATTERN
GALLERY TESTER RW	DATE	DATE	DATE	DATE	DATE
		6-12-99	6-16-99	6-16-99	

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 M24099105834

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

File # 00369

Delivery Date 4/7/99Customer Name (Print) US Army, James C Starns Jr.
Address GSC SFG(A) Ft. Campbell State KY Zip 42223
Phone Number (502)- 798-2882/7932Firearm Description Model 700 (M24) Cal./ Ga. 7.62Serial Number C6349019

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;
_____Customer request: Re-conditioning

Return 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 Ang Sangume 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

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349019
18 Jun 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0582
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0652
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0873973

THE AMR FOR THIS RIFLE IS: .9754

CENTROIDAL DISTANCES

Ø TO	1	.258805
1 TO	2	.447282
1 TO	3	.305277
1 TO	4	.416581
1 TO	5	.521024

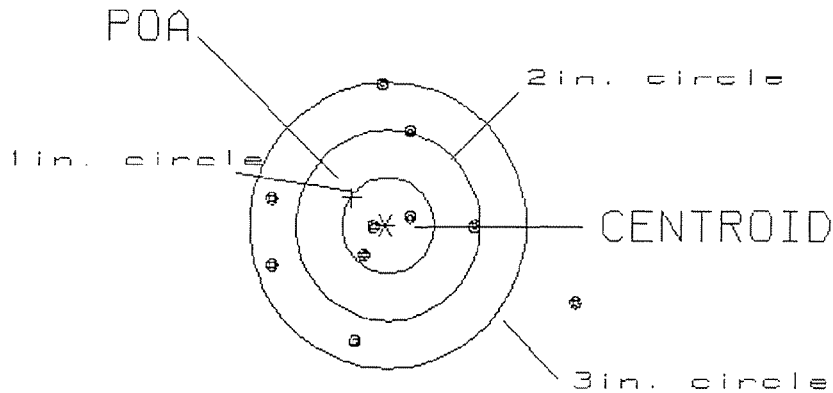
4 2
+ <----POA
1 3 5

PATTERN #: 1
 POA TO CENTROID: .461
 MIN RADIUS : .197
 MEAN RADIUS : 1.040
 MAX RADIUS : 2.181
 CENTROID X : .361
 CENTROID Y : -.287

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349819

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

MS= 3.31
 VS= 2.67
 GS= 3.48

3
 4
 9

BARBER - M24 0105799

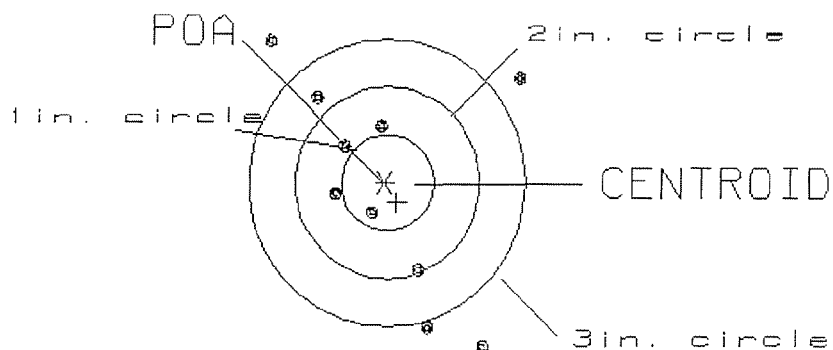
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
POA TO CENTROID: .247
MIN RADIUS : .386
MEAN RADIUS : 1.150
MAX RADIUS : 1.976
CENTROID X : -.132
CENTROID Y : .208

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.66

1

VS= 3.19

5

GS= 3.91

6

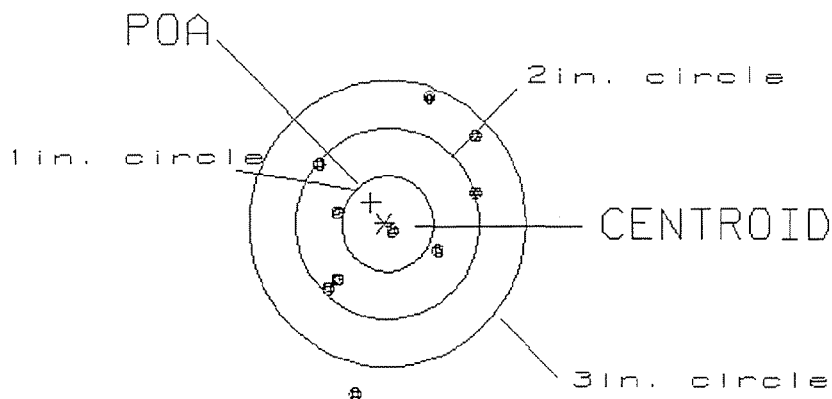
PATTERN #: 3

POA TO CENTROID: .267
 MIN RADIUS : .098
 MEAN RADIUS : .948
 MAX RADIUS : 1.791
 CENTROID X : .151
 CENTROID Y : -.221

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.58
 VS= 3.09
 GS= 3.20

1
 6
 3

REMINGTON CENTERFIRE ACCURACY TEST

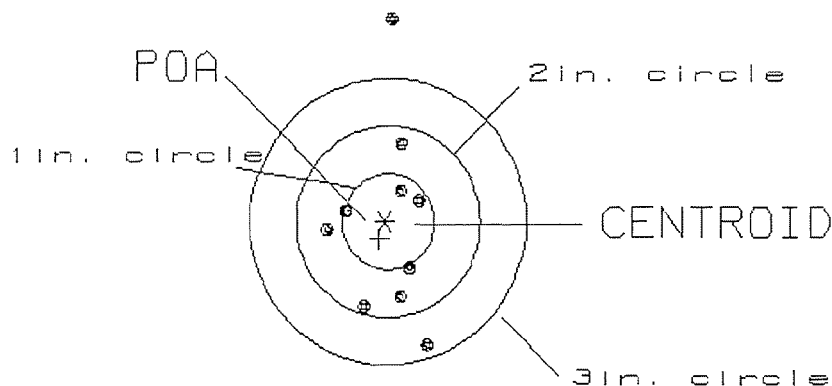
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .193
 MIN RADIUS : .299
 MEAN RADIUS : .834
 MAX RADIUS : 2.083
 CENTROID X : .065
 CENTROID Y : .182

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.14

3

VS= 3.37

6

GS= 3.39

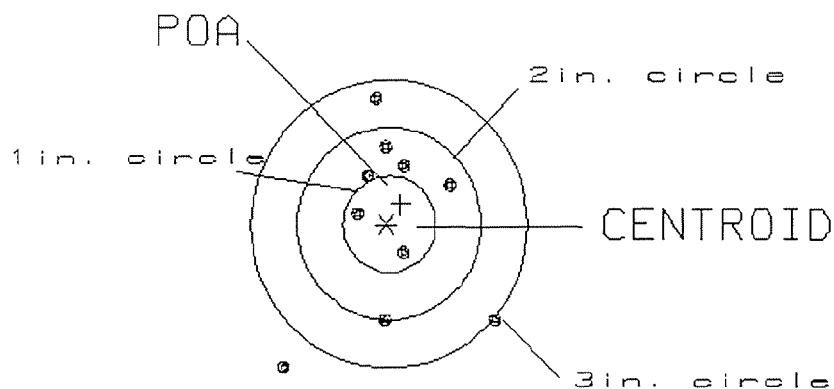
9

PATTERN #: 5
 POA TO CENTROID: .259
 MIN RADIUS : .316
 MEAN RADIUS : .905
 MAX RADIUS : 1.899
 CENTROID X : -.154
 CENTROID Y : -.208

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.30

2

VS= 2.78

7

GS= 2.96

9

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

MODEL 700™ H24

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

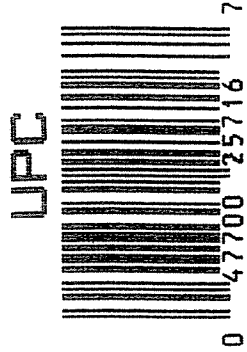
DU PONT

SERIAL NO. C6349019

ORDER NO. 5716

01

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349019

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20 89	12-20 89	RW
600	Proof	QUALITY 12-20 89	12-20 89	A
607	Check Headspace	AUDIT 12-20 89	12-20 89	A
610	Dis-assemble Gun	12-20 89	12-20 89	RW
612	Magnaflux Barrel Action	1-5-90	1-5-90	RWR
	Magnaflux Bolt	1-5-90	1-5-90	
615	Rollmark Caliber		1/9/90	GS
617	Drill and Tap Sight Holes		1/9/90	FB
618	Polish Barrel RWB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	JA
	Apply Coating (Bolt)		1-15-90	JA
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		23/1/90	GS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	1-23-90	JH
	G) Safety Off Force	3	3	3	1-23-90	Rep
	H) Trigger Pull Test & Retainability				2/24/90	JS
	I) Firing Pin Indent	.0225	.023	.023	1-23-90	JH
	J) Assemble Stock				1/23/90	AW
	K) Assemble Swivel Studs				3/15/90	WB
	L) Attach Front and Rear Sight Assemblies				1/26/90	AW
	M) Iron Sight Alignment				1/26/90	AW
	N) Detach Front & Rear Sights & place in numbered container				1/26/90	AW
	O) Attach Scope to Rifle				3/6/90	WB
	P) Detach & Attach Scope 20 Times				3/6/90	WB
640	Gallery Target & Test				3-6-90	JS Emp. Help
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection				16 Mar 90	JS
	A) Headspace				16 Mar 90	JS
	B) Trigger Pull	230	240	243	16 Mar 90	JS
	C) Function				16 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. C6349019DATE 23 Jan 90TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.07	2.39	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.03	2.25	2.40	
PULL #3	2.27	2.06	2.16	2.43	
PULL #4	2.37	2.02	2.14	2.36	
PULL #5	2.31	2.26	2.03	2.48	
TOTAL	11.54	10.44	10.97	11.97	
AVG.	2.308	2.088	2.194	2.394	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	2.72		
PULL #2	2.77	2.94		
PULL #3	3.05	2.97		
PULL #4	3.00	2.95		
PULL #5	2.99	2.71		
TOTAL	14.94	14.29		
AVG.	2.988	2.858		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	3.99		4.11
PULL #2	4.09	4.00		3.65
PULL #3	4.12	4.04		3.68
PULL #4	4.13	4.02		3.68
PULL #5	4.13	3.99		3.70
TOTAL	20.67	20.04		18.72
AVG.	4.128	4.008		3.744

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349019
6 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.272883
1 TO	2	.342958
1 TO	3	.624424
1 TO	4	.281514
1 TO	5	.570561

$\frac{5}{221}$
 $\frac{5}{221}$
<----POA

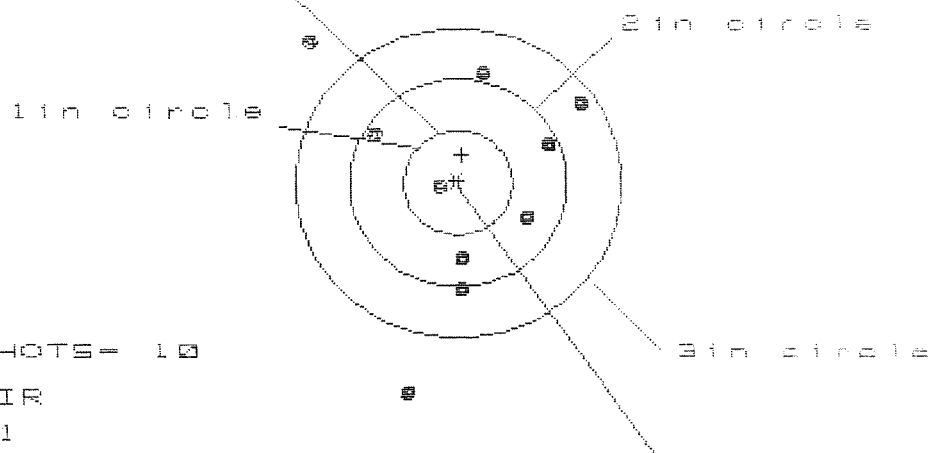
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1836
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0092
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .19389
 THE AMR FOR THIS RIFLE IS: 1.138

8 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06345013

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.440

VS= 3.332

GS= 3.456

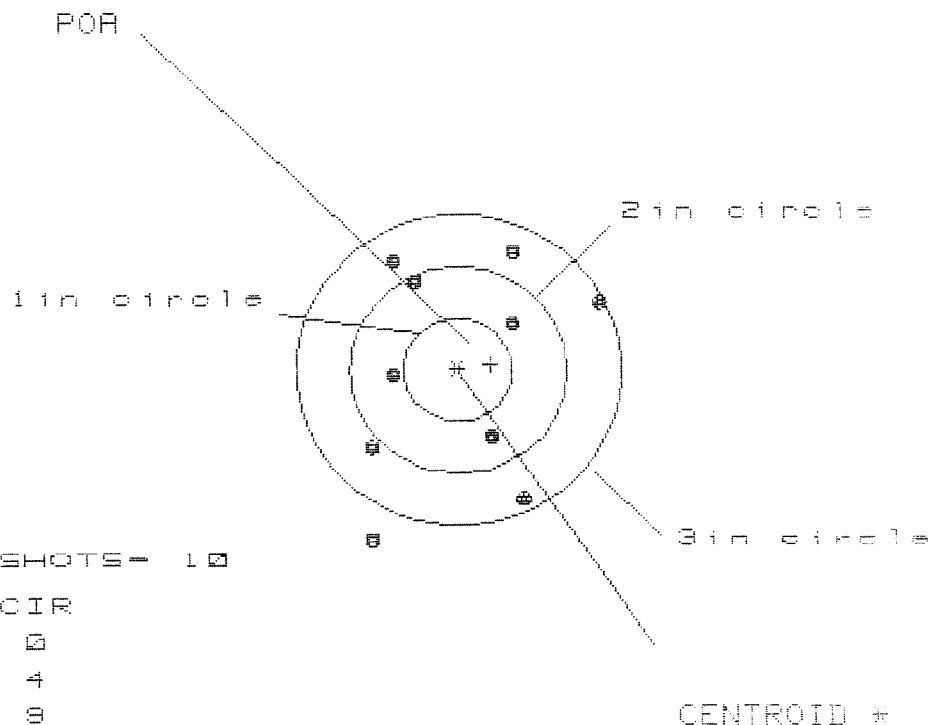
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.089	1.041	.066
MINIMUM X	-1.351	-1.399	-.986
MAXIMUM Y	1.351	1.131	.998
MINIMUM Y	-1.981	-1.261	-1.120
CENTROID X	-.032	.016	.191
CENTROID Y	-.271	-.051	-.192
POA TO CENTROID in.	.273	.053	.271
MIN RADIUS	.201	.352	.435
MEAN RADIUS	1.086	.984	.855
MAX RADIUS	2.028	1.799	1.144
HORIZONTAL SPREAD	2.440	2.440	1.852
VERTICAL SPREAD	3.332	2.392	2.118
EXTREME SPREAD	3.456	2.744	2.156
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.099

VS= 2.739

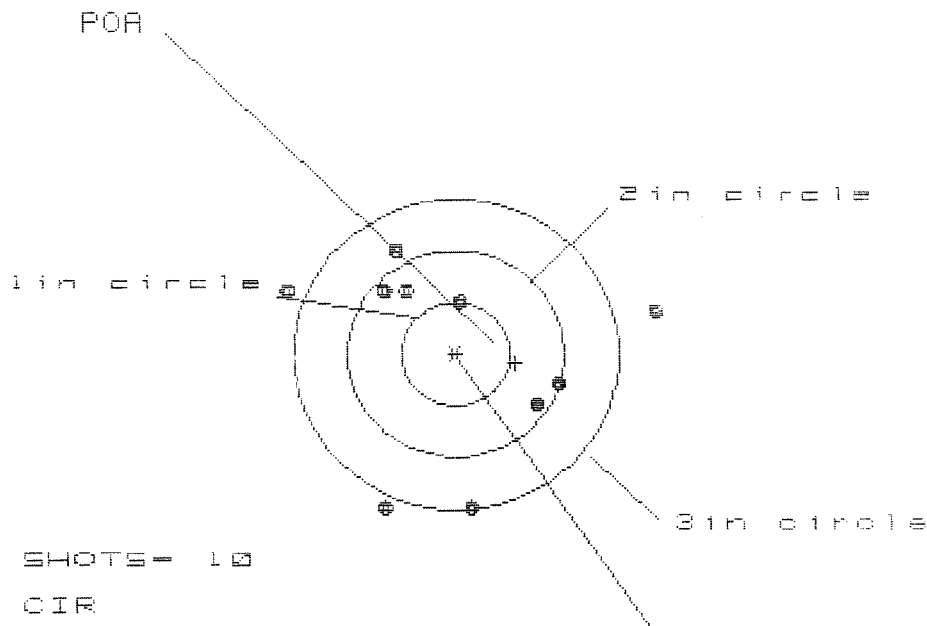
GS= 3.104

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.265	1.174	.668
MINIMUM X	:	-.834	-.925	-.778
MAXIMUM Y	:	1.146	.969	1.035
MINIMUM Y	:	-1.593	-1.442	-1.376
CENTROID X	:	-.300	-.209	-.356
CENTROID Y	:	-.057	.120	.054
POA TO CENTROID in.	:	.306	.241	.360
MIN RADIUS	:	.636	.472	.601
MEAN RADIUS	:	1.121	1.026	.986
MAX RADIUS	:	1.793	1.533	1.530
HORIZONTAL SPREAD	:	2.099	2.099	1.446
VERTICAL SPREAD	:	2.739	2.411	2.411
EXTREME SPREAD	:	3.104	2.641	2.641
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 3.410

VS= 2.478

GS= 3.416

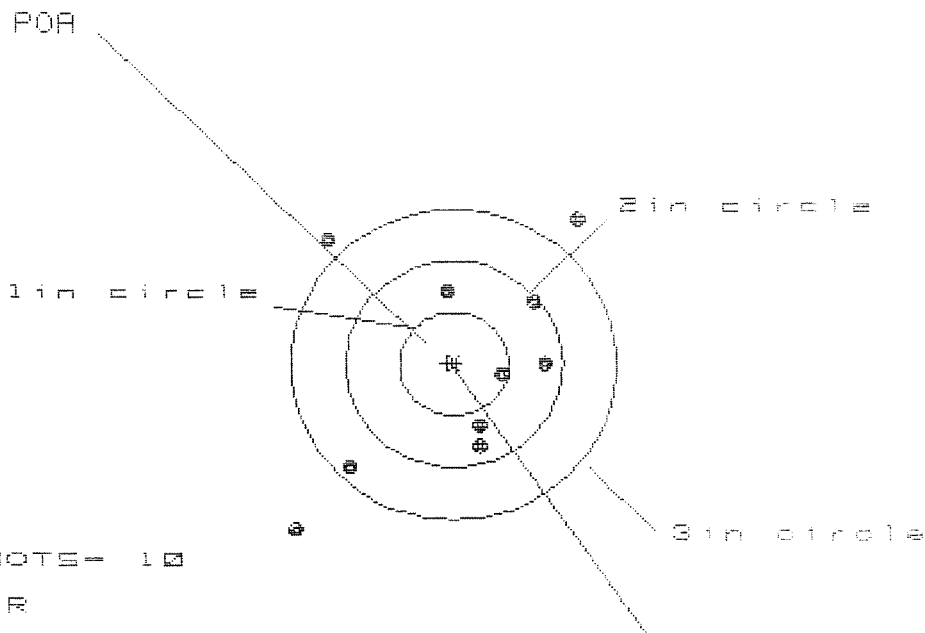
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.871	1.196	1.029
MINIMUM X	:	-1.539	-1.331	-.632
MAXIMUM Y	:	1.006	1.051	1.133
MINIMUM Y	:	-1.472	-1.427	-1.345
CENTROID X	:	-.545	-.753	-.586
CENTROID Y	:	.085	.040	-.042
POA TO CENTROID in.	:	.551	.754	.588
MIN RADIUS	:	.485	.601	.610
MEAN RADIUS	:	1.181	1.096	1.045
MAX RADIUS	:	1.915	1.501	1.486
HORIZONTAL SPREAD	:	3.410	2.527	1.661
VERTICAL SPREAD	:	2.478	2.478	2.478
EXTREME SPREAD	:	3.416	2.672	2.535
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 2.655

VS= 3.061

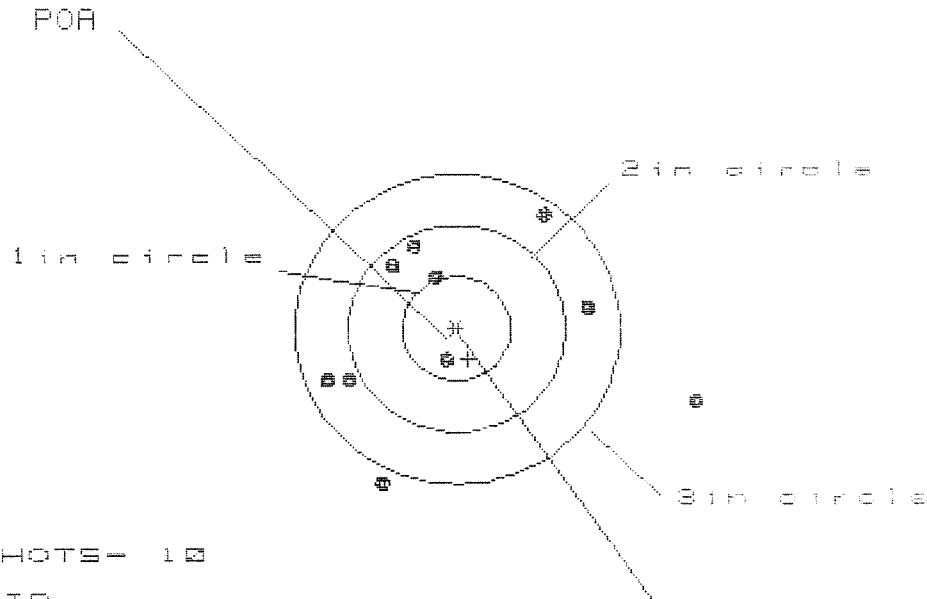
GS= 4.052

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	1.014	.814
MINIMUM X	:	-1.477	-1.350	-1.224
MAXIMUM Y	:	1.453	1.275	1.219
MINIMUM Y	:	-1.608	-1.125	-.966
CENTROID X	:	.063	.227	.101
CENTROID Y	:	-.006	.172	.013
POA TO CENTROID in.	:	.063	.285	.101
MIN RADIUS	:	.466	.419	.437
MEAN RADIUS	:	1.145	.998	.918
MAX RADIUS	:	2.183	1.716	1.727
HORIZONTAL SPREAD	:	2.655	2.364	2.037
VERTICAL SPREAD	:	3.061	2.400	2.185
EXTREME SPREAD	:	4.052	3.188	2.465
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 3.404

VS= 2.612

GS= 3.408

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.171	1.436	1.374
MINIMUM X	:	-1.233	-0.992	-1.054
MAXIMUM Y	:	1.140	1.065	.871
MINIMUM Y	:	-1.472	-1.547	-1.780
CENTROID X	:	-.184	-.345	-.283
CENTROID Y	:	.295	.370	.564
POA TO CENTROID in.	:	.313	.506	.631
MIN RADIUS	:	.284	.370	.252
MEAN RADIUS	:	1.156	.985	.876
MAX RADIUS	:	2.273	1.624	1.375
HORIZONTAL SPREAD	:	3.404	2.428	2.428
VERTICAL SPREAD	:	2.612	2.612	1.651
EXTREME SPREAD	:	3.408	3.036	2.631
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	