

C6225319

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00151959

Serial: C6225319 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

Status:

Closed 9/26/2008 9:49:43 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON AL DEF DIST DEPOT ANNISTON AL

Address 1: 7 FRANKFORD AVE BLDG 362 7 FRANKFORD AVE BLDG 362

Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201-4199 Country: US State: AL Zip Code: 36201-4199 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	2
A008	With Swivel	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

9/29/2008

2:39 PM

CAPS

NUM

INS

SCRL



Serial Number: C6225319

Model M24 SWS



RE00151959

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

151959

SERIAL NUMBER

06225319

LOG-IN DATE

9-26-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-25-09	RT
505	RE-BARREL	3-27-09	RT
420	ASSEMBLE	3-27-09	RT
440	PROOF	3-27-09	TC
460	CHECK HEADSPACE	3-27-09	TC
470	DIS-ASSEMBLE GUN		
480	MAGNAFLUX	4/2/09	(RT)
510	DRILL AND TAP	3-28-09	J
500	ROLLMARK CALIBER	4/3/09	RT
520	GOFF BLAST BBL / REC	4-2	nd
530 & 540	APPLY COATINGS	4-3	yc
560	FINAL ASSEMBLY	4-8-09	RT
640	FUNCTION TEST AND	4-8-09	RT
650	TARGET	4-8-09	RT
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION A) HEADSPACE	PASS FAIL	4-15-09
	B) TRIGGER PULL	234 236 240 237 240 4409	RT
680	F) SAFETY ON FORCE	4 4 4 4-15-09	
	G) SAFETY OFF FORCE	3 3 3 4-15-09	
	I) FIRING PIN INDENT	.021 .022 .022 4-15-09	
690	PACK	4/3/09	Fay

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225319.__1
FILE DATE AND TIME: 04/09/2009 05:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

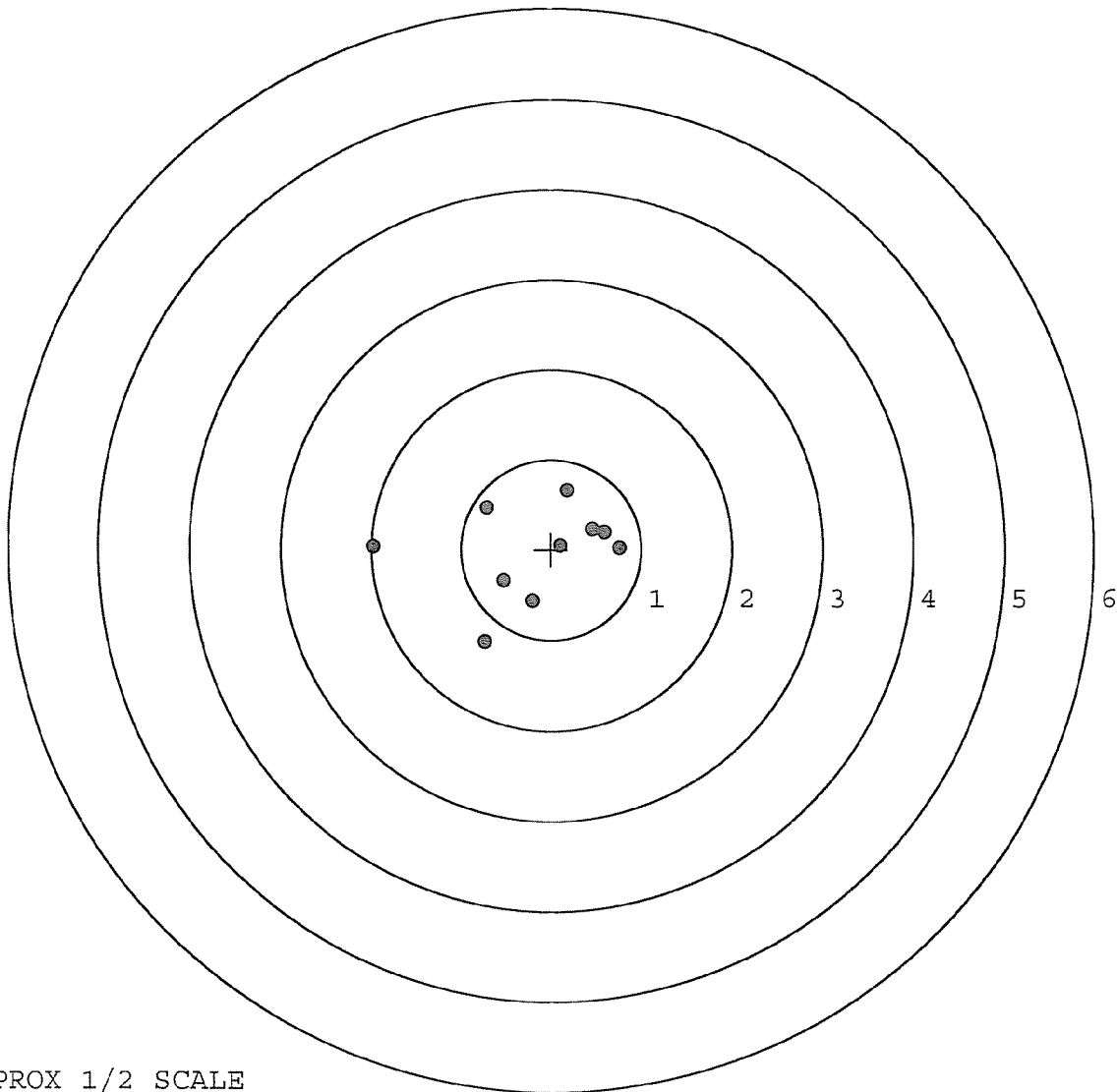
The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.010
The Average Mean Radius of the Five Target Set:	0.691
The Distance from POA to Centroid Target #1:	0.212
The Distance from Centroid Target #2 to Centroid Target #1:	0.330
The Distance from Centroid Target #3 to Centroid Target #1:	0.357
The Distance from Centroid Target #4 to Centroid Target #1:	0.203
The Distance from Centroid Target #5 to Centroid Target #1:	0.281

BARBER - M24 0012700

SERIAL NUMBER: C6225319. __1
TARGET NUMBER: 1
FILE DATE: 04/09/2009
FILE TIME: 05:38

POINT#	X	Y
1:	-1.982	0.040
2:	-0.717	0.463
3:	-0.742	-1.026
4:	-0.209	-0.579
5:	-0.531	-0.353
6:	0.184	0.660
7:	0.755	0.016
8:	0.592	0.191
9:	0.101	0.043
10:	0.455	0.221

X CENTROID: -0.209
Y CENTROID: -0.032
POA TO CENTROID: 0.212
HORZ SPREAD: 2.737
VERT SPREAD: 1.686
GROUP SPREAD: 2.737
MIN RADIUS: 0.319
MAX RADIUS: 1.774
MEAN RADIUS: 0.824
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0012701

SERIAL NUMBER: C6225319. __1

TARGET NUMBER: 2

FILE DATE: 04/09/2009

FILE TIME: 05:38

POINT#	X	Y
1:	-1.202	0.239
2:	-0.536	0.151
3:	-0.179	0.217
4:	-0.045	0.815
5:	0.522	0.456
6:	0.686	0.053
7:	0.652	-0.129
8:	0.516	-0.199
9:	0.347	-0.296
10:	0.062	-0.085

X CENTROID: 0.082

Y CENTROID: 0.122

POA TO CENTROID: 0.147

HORZ SPREAD: 1.888

VERT SPREAD: 1.111

GROUP SPREAD: 1.897

MIN RADIUS: 0.208

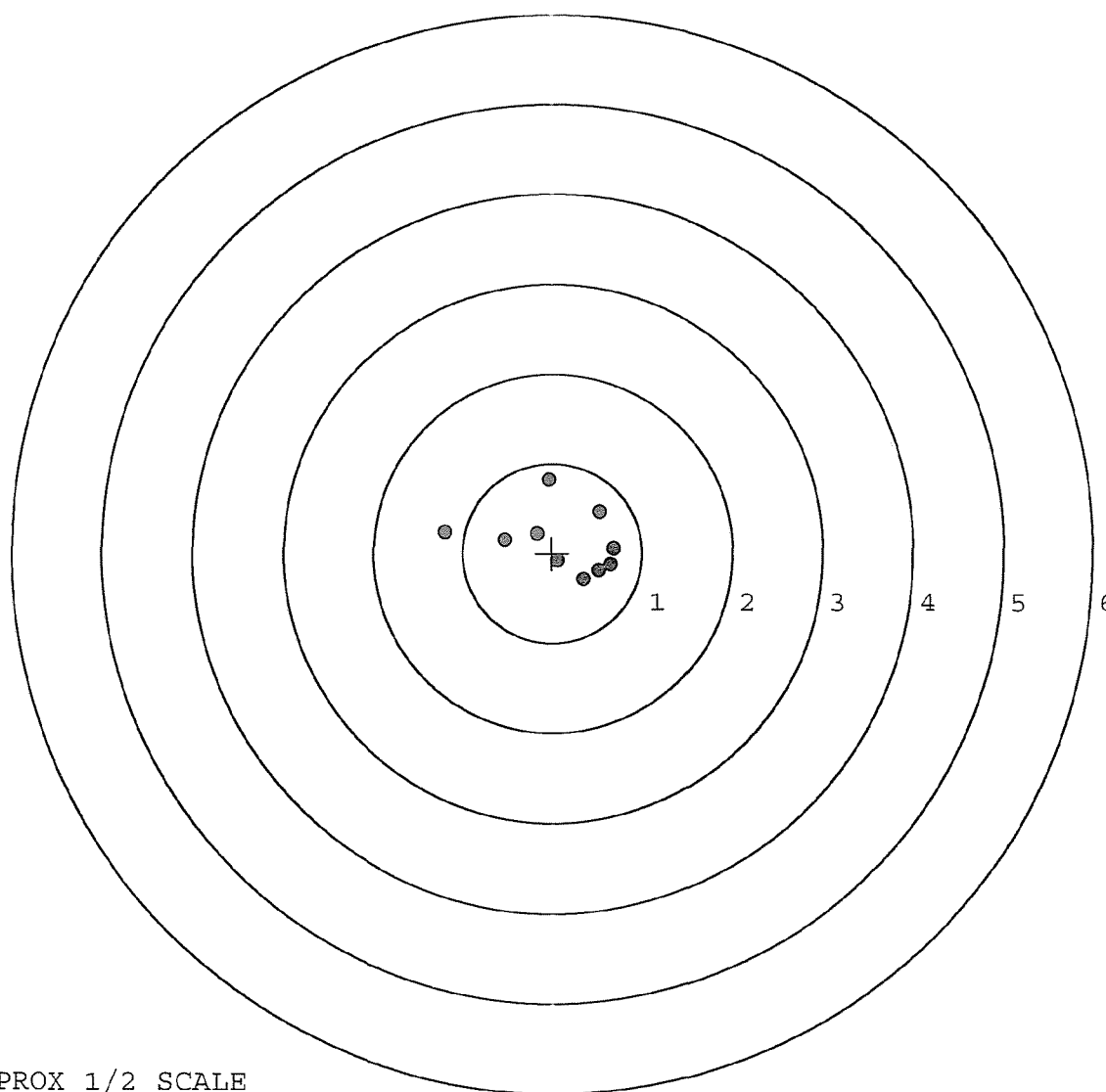
MAX RADIUS: 1.290

MEAN RADIUS: 0.592

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0012702

SERIAL NUMBER: C6225319. __1

TARGET NUMBER: 3

FILE DATE: 04/09/2009

FILE TIME: 05:38

POINT#	X	Y
1:	0.565	-0.948
2:	0.173	-0.656
3:	0.664	-0.431
4:	-0.118	-0.094
5:	-0.368	-0.311
6:	0.614	0.222
7:	0.239	0.333
8:	-0.010	0.321
9:	-0.355	0.484
10:	0.070	0.806

X CENTROID: 0.147

Y CENTROID: -0.027

POA TO CENTROID: 0.150

HORZ SPREAD: 1.032

VERT SPREAD: 1.754

GROUP SPREAD: 1.823

MIN RADIUS: 0.274

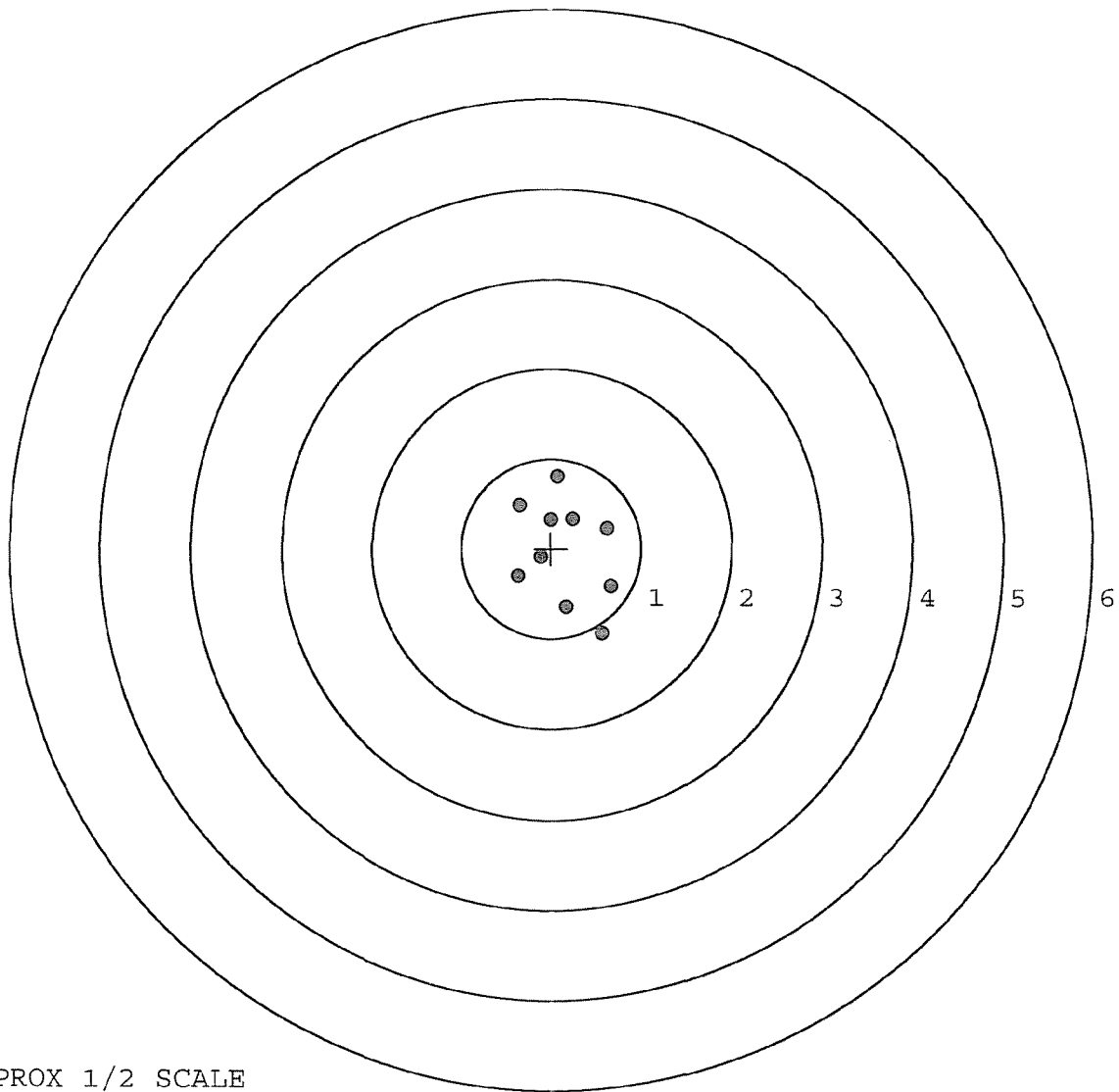
MAX RADIUS: 1.011

MEAN RADIUS: 0.599

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0012703

SERIAL NUMBER: C6225319. __1

TARGET NUMBER: 4

FILE DATE: 04/09/2009

FILE TIME: 05:38

POINT#	X	Y
1:	0.465	1.215
2:	0.241	0.350
3:	1.127	-0.012
4:	0.832	-0.086
5:	-0.057	-0.674
6:	-0.083	-0.136
7:	-0.319	-0.325
8:	-1.259	0.047
9:	-0.730	0.156
10:	-0.540	0.132

X CENTROID: -0.032

Y CENTROID: 0.067

POA TO CENTROID: 0.074

HORZ SPREAD: 2.386

VERT SPREAD: 1.889

GROUP SPREAD: 2.082

MIN RADIUS: 0.209

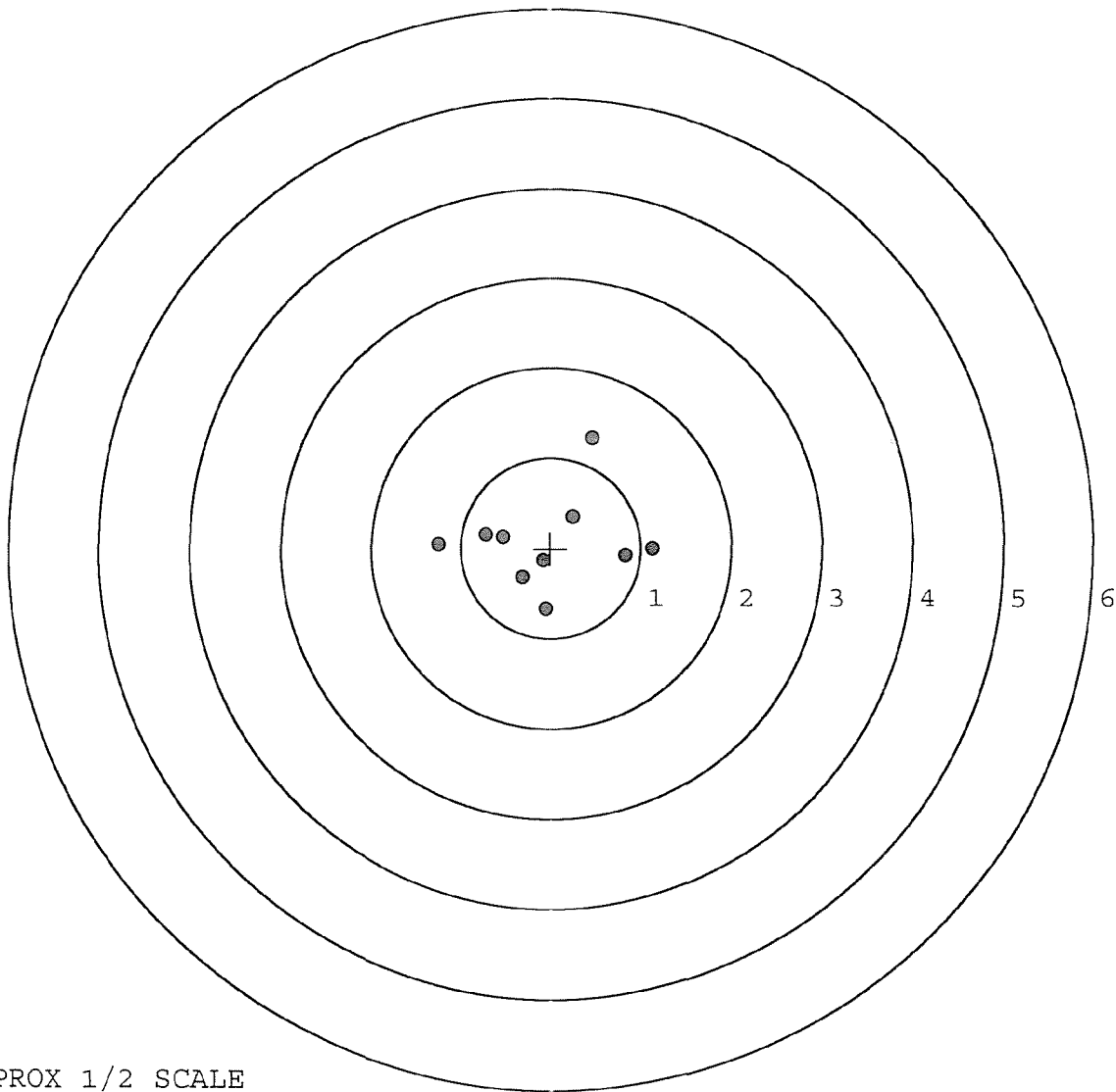
MAX RADIUS: 1.251

MEAN RADIUS: 0.756

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



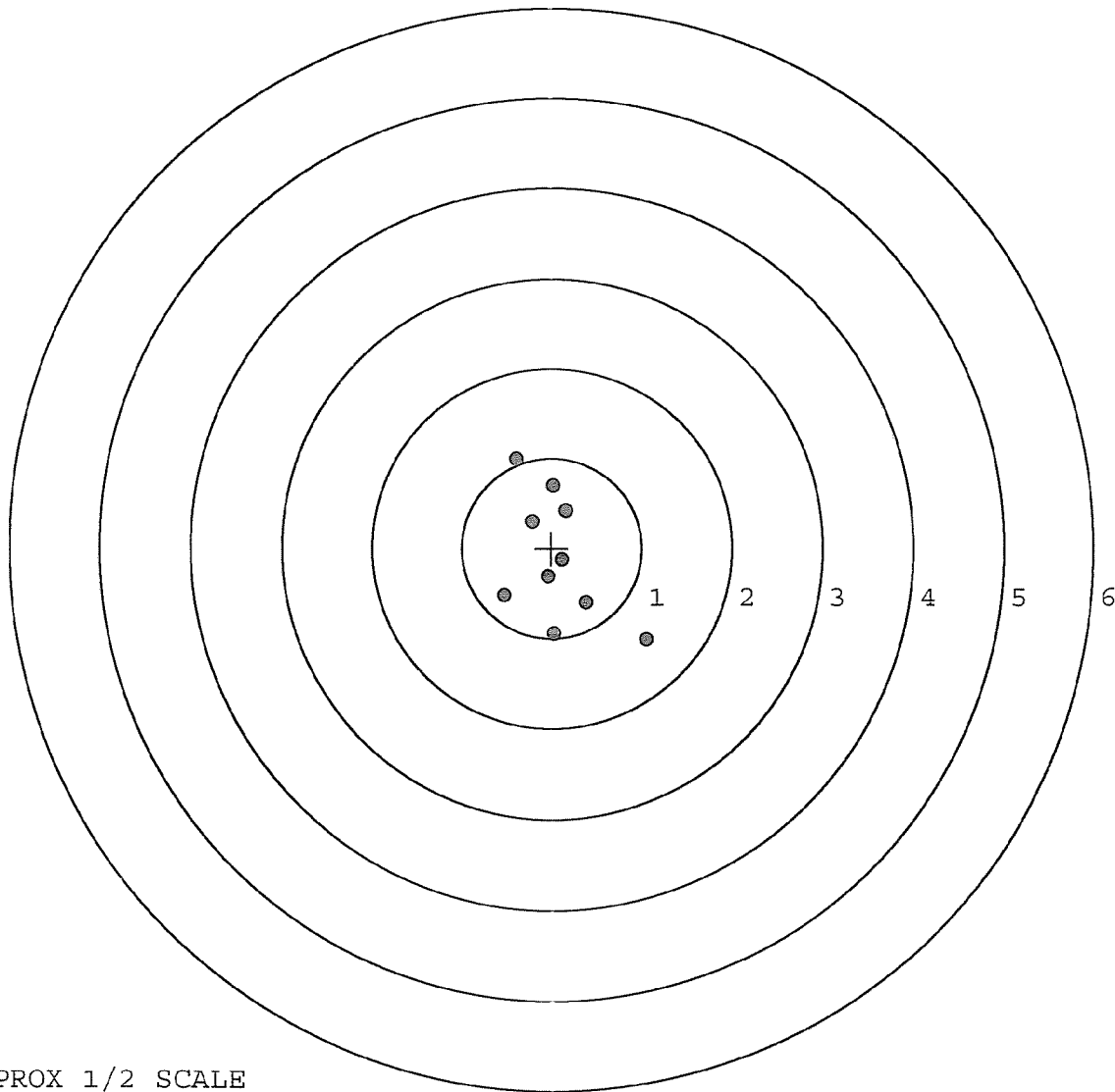
TARGET APPROX 1/2 SCALE

BARBER - M24 0012704

SERIAL NUMBER: C6225319. __1
 TARGET NUMBER: 5
 FILE DATE: 04/09/2009
 FILE TIME: 05:38

POINT#	X	Y
1:	-0.391	0.991
2:	0.021	0.698
3:	0.161	0.416
4:	-0.214	0.296
5:	1.051	-1.024
6:	0.031	-0.957
7:	0.381	-0.609
8:	0.120	-0.132
9:	-0.041	-0.319
10:	-0.532	-0.529

X CENTROID: 0.059
 Y CENTROID: -0.117
 POA TO CENTROID: 0.131
 HORZ SPREAD: 1.583
 VERT SPREAD: 2.015
 GROUP SPREAD: 2.478
 MIN RADIUS: 0.063
 MAX RADIUS: 1.344
 MEAN RADIUS: 0.683
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: RE00133016

Serial: C6225319 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:14:07 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

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

naglej

8/22/2007

7:53 AM

CAPS

NUM

INS

SCRL



Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...



7:53 AM

Serial Number: C6225319

Model: M24 SWS



RE00133016

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225319.___0

FILE DATE AND TIME: 09/20/2007 22:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.100
The Average Y Centroid of the Five Target Set:	-0.161
The Average Point of Impact of the Five Target Set:	0.190
The Average Mean Radius of the Five Target Set:	0.632
The Distance from POA to Centroid Target #1:	0.515
The Distance from Centroid Target #2 to Centroid Target #1:	0.555
The Distance from Centroid Target #3 to Centroid Target #1:	0.438
The Distance from Centroid Target #4 to Centroid Target #1:	0.339
The Distance from Centroid Target #5 to Centroid Target #1:	0.365

BARBER - M24 0012707

SERIAL NUMBER: C6225319. __0

TARGET NUMBER: 1

FILE DATE: 09/20/2007

FILE TIME: 22:48

POINT#	X	Y
1:	0.099	0.299
2:	0.401	0.598
3:	0.848	0.178
4:	0.706	0.053
5:	-0.151	-0.244
6:	-0.392	-0.125
7:	-0.508	-0.953
8:	-0.118	-1.316
9:	-0.481	-1.879
10:	1.173	-1.509

X CENTROID: 0.158

Y CENTROID: -0.490

POA TO CENTROID: 0.515

HORZ SPREAD: 1.681

VERT SPREAD: 2.477

GROUP SPREAD: 2.629

MIN RADIUS: 0.395

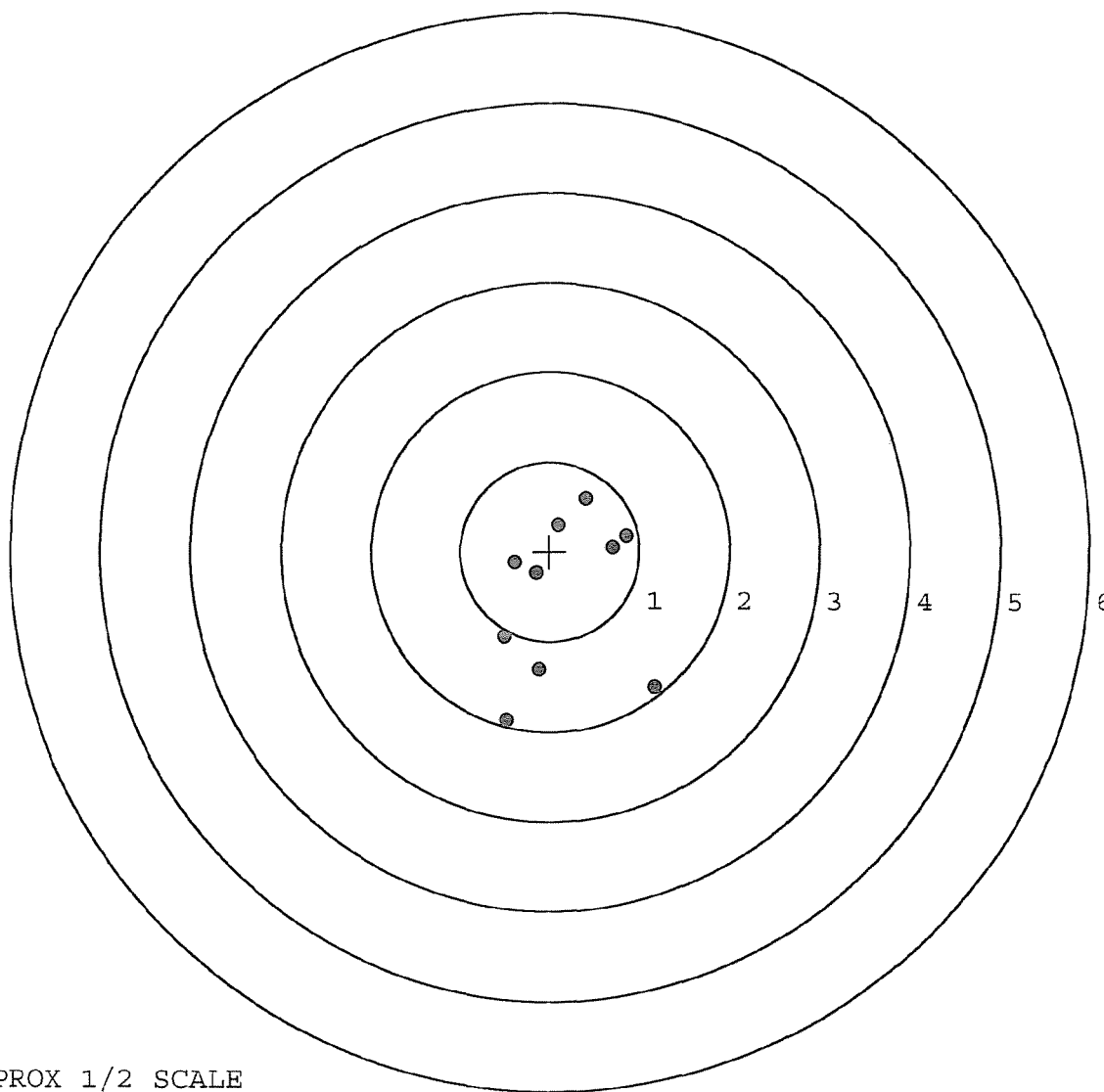
MAX RADIUS: 1.529

MEAN RADIUS: 0.934

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0012708

SERIAL NUMBER: C6225319. __0

TARGET NUMBER: 2

FILE DATE: 09/20/2007

FILE TIME: 22:48

POINT#	X	Y
1:	-0.726	0.661
2:	-0.705	0.432
3:	-0.971	0.145
4:	-0.275	0.072
5:	-0.252	0.226
6:	0.187	-0.623
7:	0.274	0.160
8:	0.638	-0.125
9:	0.896	0.138
10:	1.064	-0.625

X CENTROID: 0.013

Y CENTROID: 0.046

POA TO CENTROID: 0.048

HORZ SPREAD: 2.035

VERT SPREAD: 1.286

GROUP SPREAD: 2.204

MIN RADIUS: 0.285

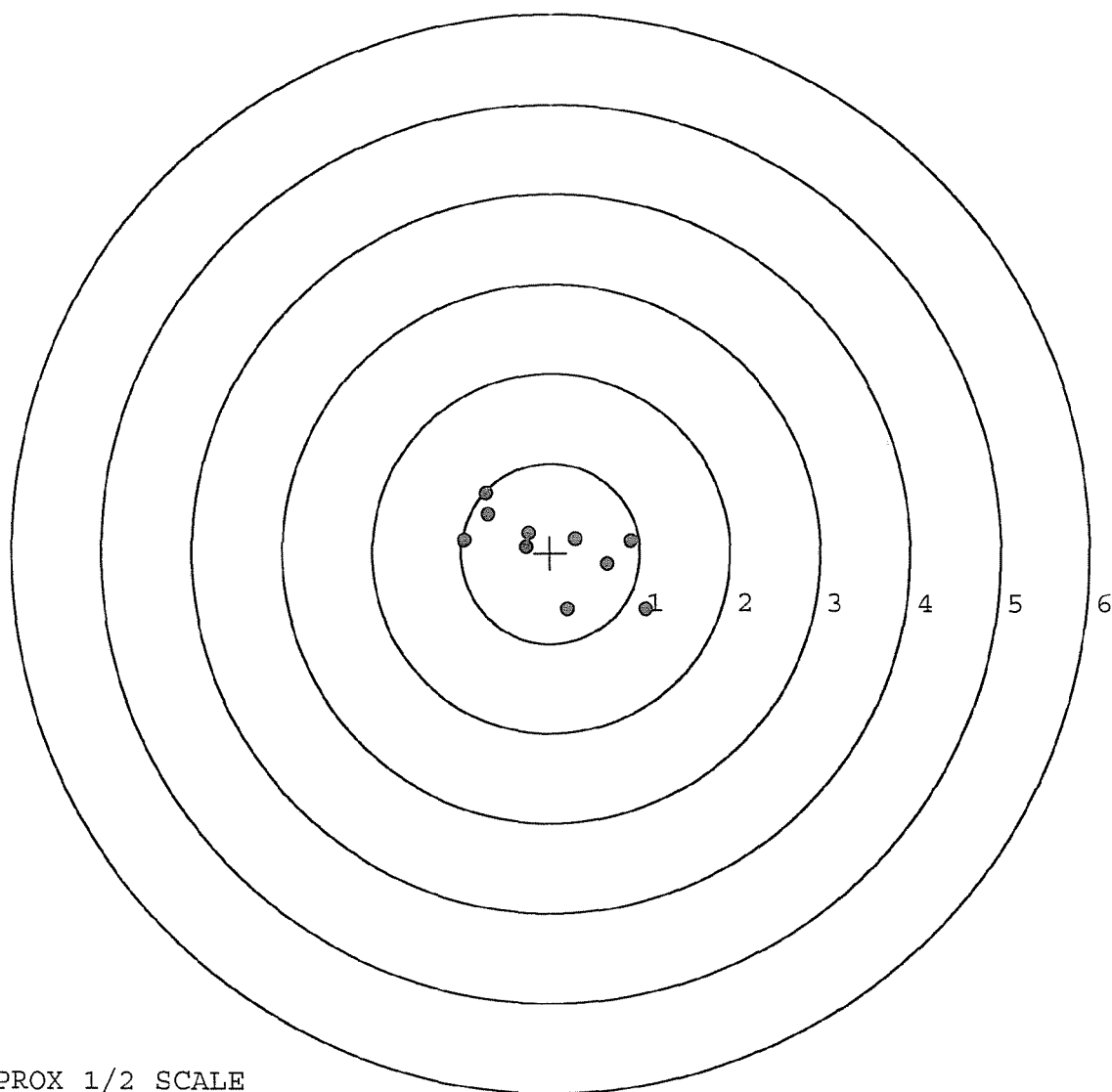
MAX RADIUS: 1.247

MEAN RADIUS: 0.713

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



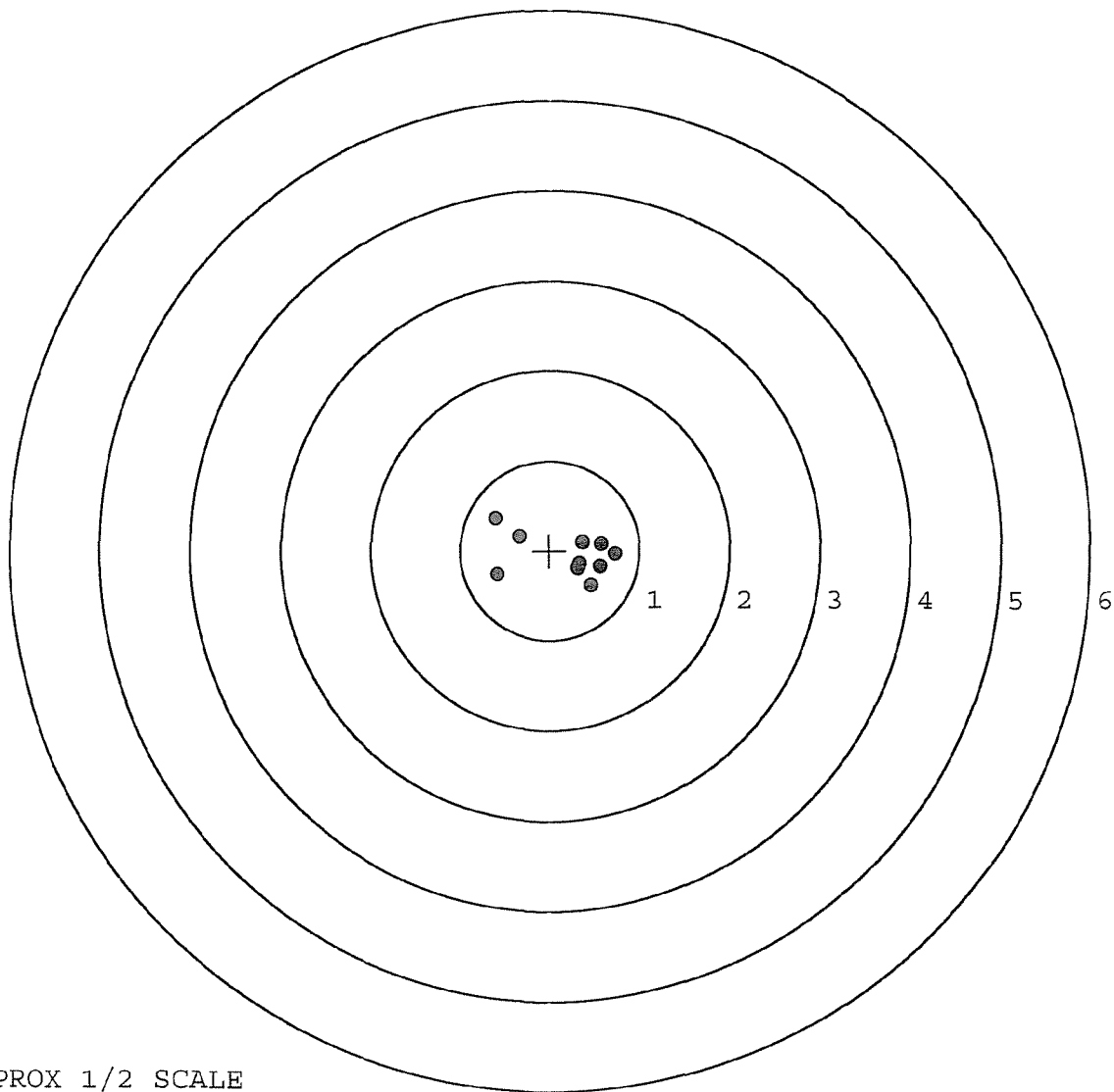
TARGET APPROX 1/2 SCALE

BARBER - M24 0012709

SERIAL NUMBER: C6225319.____0
 TARGET NUMBER: 3
 FILE DATE: 09/20/2007
 FILE TIME: 22:48

POINT#	X	Y
1:	-0.608	0.354
2:	-0.344	0.160
3:	-0.586	-0.272
4:	0.463	-0.391
5:	0.318	-0.197
6:	0.364	0.099
7:	0.575	0.076
8:	0.732	-0.038
9:	0.565	-0.174
10:	0.337	-0.140

X CENTROID: 0.182
 Y CENTROID: -0.052
 POA TO CENTROID: 0.189
 HORZ SPREAD: 1.340
 VERT SPREAD: 0.745
 GROUP SPREAD: 1.396
 MIN RADIUS: 0.178
 MAX RADIUS: 0.888
 MEAN RADIUS: 0.467
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



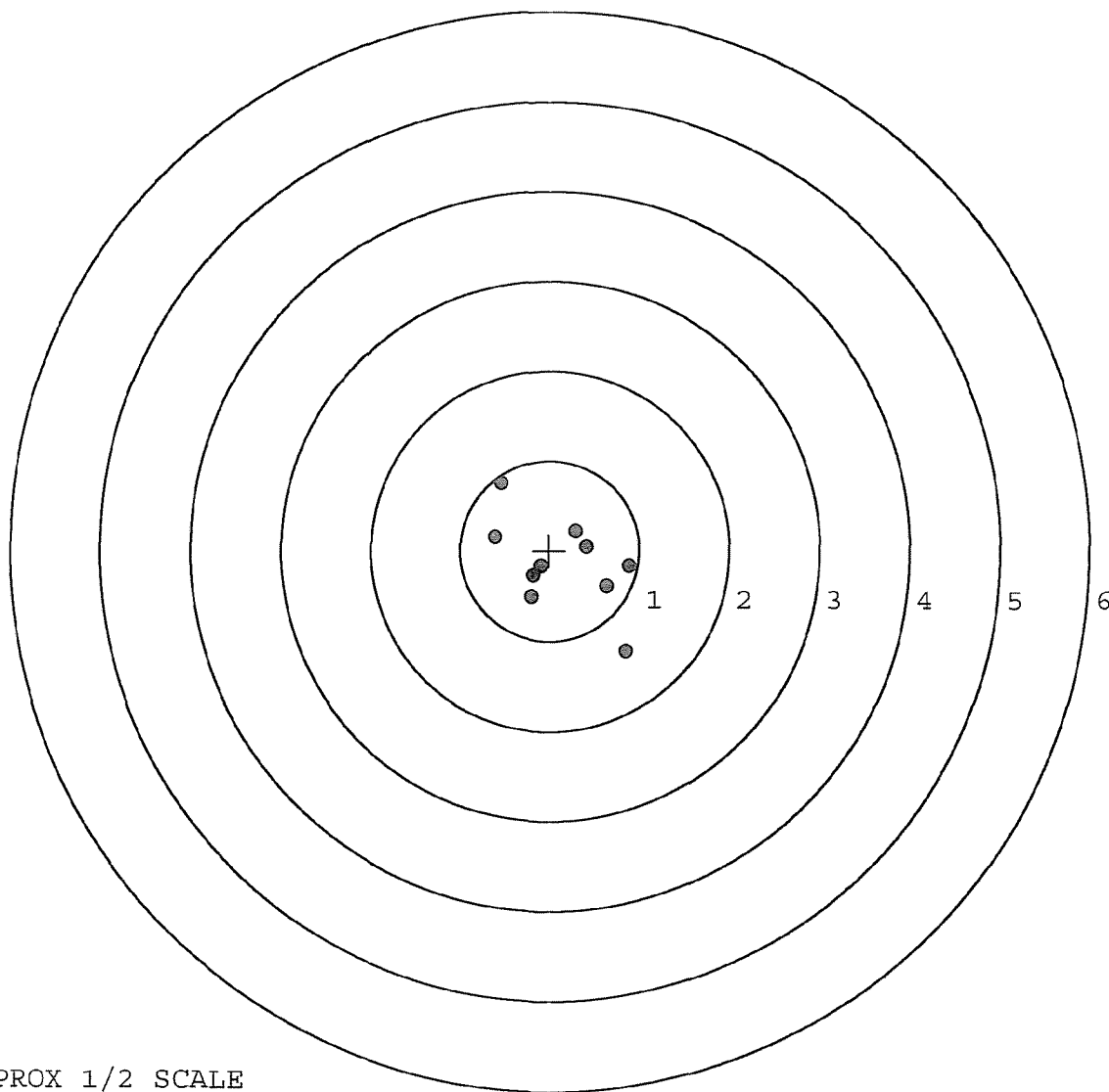
TARGET APPROX 1/2 SCALE

BARBER - M24 0012710

SERIAL NUMBER: C6225319. __0
 TARGET NUMBER: 4
 FILE DATE: 09/20/2007
 FILE TIME: 22:48

POINT#	X	Y
1:	-0.546	0.748
2:	-0.617	0.150
3:	-0.095	-0.178
4:	-0.205	-0.517
5:	0.288	0.219
6:	0.418	0.044
7:	0.892	-0.177
8:	0.636	-0.402
9:	0.852	-1.114
10:	-0.186	-0.285

X CENTROID: 0.144
 Y CENTROID: -0.151
 POA TO CENTROID: 0.209
 HORZ SPREAD: 1.509
 VERT SPREAD: 1.862
 GROUP SPREAD: 2.328
 MIN RADIUS: 0.240
 MAX RADIUS: 1.195
 MEAN RADIUS: 0.628
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



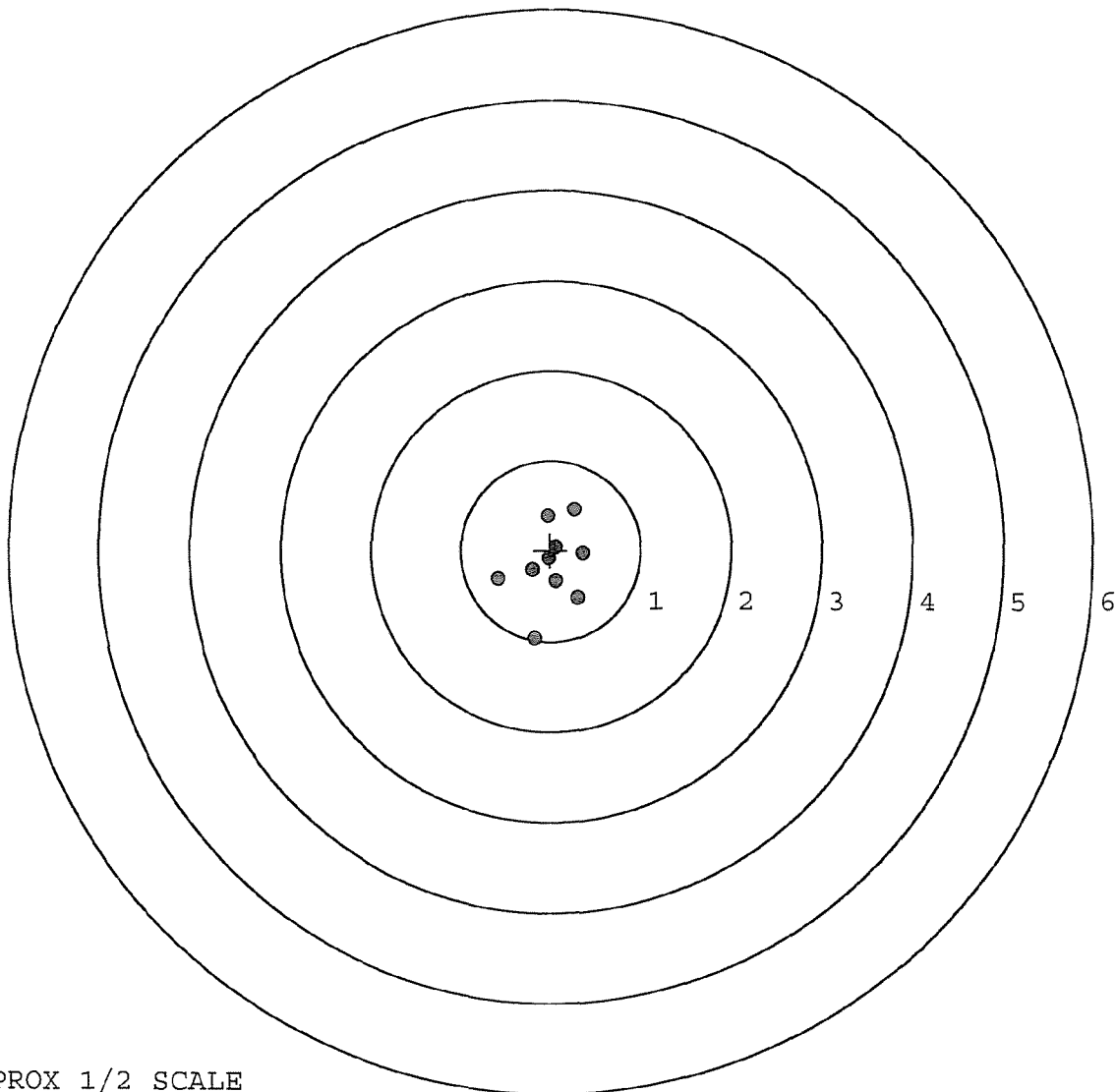
TARGET APPROX 1/2 SCALE

BARBER - M24 0012711

SERIAL NUMBER: C6225319. __0
 TARGET NUMBER: 5
 FILE DATE: 09/20/2007
 FILE TIME: 22:48

POINT#	X	Y
1:	-0.040	0.382
2:	0.263	0.457
3:	0.364	-0.027
4:	-0.026	-0.092
5:	-0.201	-0.217
6:	0.304	-0.514
7:	0.062	-0.335
8:	-0.584	-0.310
9:	-0.184	-0.972
10:	0.066	0.038

X CENTROID: 0.002
 Y CENTROID: -0.159
 POA TO CENTROID: 0.159
 HORZ SPREAD: 0.948
 VERT SPREAD: 1.429
 GROUP SPREAD: 1.497
 MIN RADIUS: 0.073
 MAX RADIUS: 0.834
 MEAN RADIUS: 0.418
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER 133016SERIAL NUMBER C6225319LOG-IN DATE 8-22-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		9-18-07	RTZ
505	RE-BARREL		9-11-07	RTZ
560	ASSEMBLE		9-11-07	RTZ
600	PROOF	MAGNA-FLUX	9-12-07	TRW
605	CHECK HEADSPACE		9-12-07	TRW
610	DIS-ASSEMBLE GUN		9-12-07	RTZ
612	MAGNAFLUX	OPERATOR J.B.	9-13-07	J.B.
510	DRILL AND TAP		9-12-07	FM
615	ROLLMARK CALIBER		9-12-07	CW
618	ROTO-BLAST		9-12-07	(LC)
620	APPLY COATINGS		9/14/07	RP
625	FINAL ASSEMBLY		9-20-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	9/20/07	9/20/07
650	TARGET	PASS FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-20-07	SD
670	FINAL INSPECTION		9/21/07	mm
	A) HEADSPACE	PASS FAIL	9/21/07	mm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.88 2.86 2.80 2.83 2.84 9/21/07	DA
		2 LBS MIN 10 LBS MAX	5.2 5.2 5.2 9/21/07	DA
680	F) SAFETY ON FORCE	2 LBS MIN	2.5 2.5 2.5 9/21/07	DA
	G) SAFETY OFF FORCE		1.022 1.022 1.0225 9/21/07	DA
	I) FIRING PIN INDENT	.020		
690	PACK		9-24-07	RA

RECEIVED BARBER M24 00912752 PORT

COMMENTS

ORDER
R 95-29442

INITIAL CUSTOMER ORDER NO.

ATTN FRED MARTIN W/DEPLOYMENT KIT
W/10X LEUPOLD SCOPE

Scope # 88-1130

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

11/17/95

11/20/95

DI 9-88

C6225319

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

HARD CASE

FROM:

SHIP TO:

CDR 1/75TH RGR REGT
ATTN PBO CW3 HUMES
HAAF

GA 31409

CDR 1/75TH RGR REGT
ATTN PBO CW3 HUMES
HAAFGA
31409

CUST NO: 119494 C.O.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

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 96043 Scope Dust Cover Rem

96003 - Barrel

COMMENTS

Re powder Coat ~~the scope~~
Trigger Guard Assy
Front & Rear Sight Bases
Re Line - Scope Base, & Rings
& Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00912752

BARBER - M24 0012714

DOC IDENT.		FSC		NIN		ADD		QUANTITY		DOCUMENT NUMBER		SUPPLEMENTARY ADDRESS		UNIT PRICE					
FTE AW9K		1005-01-240-2136		EA		00001W33GJ1		5320-0006		W33NYN				\$5,145.00					
SHIP FROM CDR, 1/75TH RGR.REGT. ATTN: PBO, CW3 HUMES HAAF, GA. 31409-5120								SHIP TO REMINGTON ARMS COMPANY ATTN: FABRICATED PRODUCTS DEPT. 14 HOEFLER AVE. ILION, NEW YORK 13357-1816								TOTAL PRICE DOLLARS			
WAREHOUSE LOCATION		TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE					
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)								FREIGHT CLASSIFICATION NOMENCLATURE											
								SER.# C6225319											
								ITEM NOMENCLATURE											
								7.62MM M-24 (SWS)											
SELECTED BY AND DATE				TYPE OF CONTAINER(S)				TOTAL WEIGHT				RECEIVED BY AND DATE				INSPECTED BY AND DATE			
PACKED BY AND DATE				NO. OF CONTAINER(S)				TOTAL CUBE				WAREHOUSED BY AND DATE				WAREHOUSE LOCATION			
REMARKS UNSERVICEABLE TURN-IN PLEASE SIGN/DATE AND RETURN ONE COPY																			
FIRST DESTINATION ADDRESS								DATE SHIPPED											
13 TRANSPORTATION CHARGEABLE TO								14 BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)								15 RECEIVER'S DOCUMENT NUMBER			

DD Form 1348-1, SEP 87

Jun 86 edition may be used.

FORM APPROVED. OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

DOC IDENT.		FSC		NIN		ADD		QUANTITY		DOCUMENT NUMBER		SUPPLEMENTARY ADDRESS		UNIT PRICE					
AOE AW9K		1005-01-240-2136		EA		0001 W33GJ1		5320-0005		W33NYN				\$5,145.00					
SHIP FROM CDR, 1/75TH RGR.REGT. ATTN: PBO, CW3 HUMES HAAF, GA. 31409-5120								SHIP TO REMINGTON ARMS CO. ATTN: FABRICATED PROD. DEPT. FROM: 14 HOEFLER AVE. ILION, NEW YORK, 13357-1816								TOTAL PRICE DOLLARS			
WAREHOUSE LOCATION		TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE					
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)								FREIGHT CLASSIFICATION NOMENCLATURE											
								SER.# C6225319											
								ITEM NOMENCLATURE											
								7.62MM M-24 (SWS)											
SELECTED BY AND DATE				TYPE OF CONTAINER(S)				TOTAL WEIGHT				RECEIVED BY AND DATE				INSPECTED BY AND DATE			
PACKED BY AND DATE				NO. OF CONTAINER(S)				TOTAL CUBE				WAREHOUSED BY AND DATE				WAREHOUSE LOCATION			
REMARKS PLEASE SIGN/DATE AND RETURN ONE COPY																			
FIRST DESTINATION ADDRESS								DATE SHIPPED											
13 TRANSPORTATION CHARGEABLE TO								14 BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)								15 RECEIVER'S DOCUMENT NUMBER			

DD Form 1348-1, SEP 87

Jun 86 edition may be used.

FORM APPROVED. OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0012753

NMP COPY 2

C6225319 11 SEP 95

#13 .050 KEY, SOCKET HEAD SCREW

#12 SOCKET WRENCH ATTACHMENT
3/8" DRIVE HEX BIT 5/32"

#20 T handle Combs wrench (screwdriver, flat tip)

#35 SOCKET, SOCKET WRENCH 1/2"

#41 Lens Cleaning Kit: Brush, ARTIST
Alcohol, ISOPROPYL
Swabs, Q-TIPS

#1 Deployment Case (broken)

#30 Brush, chamber

WEAPON RECORD DATA

For use of this form, see DA PAMs 738-750 and 738-751; the proponent agency is DSCLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1051

1. TUBE SERIAL NO. 06225319	2. CANNON TYPE, MODEL OR SERIES M24 7.62 SWS	3. ORGANIZATION (UIC) WH3 LAD ACO 175	4. SPECIAL LIFE DATA 10,000 rds
5. END ITEM IDENTIFICATION Sniper Weapons System		6. RDS/EFC COMPUTATION N/A	
7. CANNON SERIAL NO.		8. RETUBINGS N/A	9. REBUSHINGS N/A

10. Date <i>a</i>	Projectile Type <i>b</i>	Zone or Charge <i>c</i>	Rounds Fired <i>d</i>	EFC RDS Fired <i>e</i>	Cumulative RDS Fired <i>f</i>	Cumulative EFC RDS <i>g</i>			Remaining Life (EFC RDS) <i>h</i>	Remarks: Recoil Exercise (RE), Gage or Velocity Read- ing, Safety Inspection (SI) <i>i</i>	Signature
30 Mar 95	(Previous DA Form 2408-4 final entries)				9760				240		David A. Woscarum CPT, IN Dale E. Wiedel
July 95	M118 7.62		100		9860				140		Dale E. Wiedel
Aug 95	M118 7.62		70		9930				70		Dale E. Wiedel
Sept 95	M118 7.62		70		10,000				0		Dale E. Wiedel
19 Sept	19 Sept Final Report										James Ch CPT, IN, Cindy

CONTINUE ON REVERSE

DA FORM 2408-4
1 JAN 79

EDITION OF 1 DEC 77 WILL BE USED

10. Date <i>a</i>	Projectile Type <i>b</i>	Zone or Charge <i>c</i>	Rounds Fired <i>d</i>	EFC RDS Fired <i>e</i>	Cumulative RDS Fired <i>f</i>	Cumulative EFC RDS <i>g</i>			Remaining Life (EFC RDS) <i>h</i>	Remarks: Recoil Exercise (RE), Gage or Velocity Read- ing, Safety Inspection (SI) <i>i</i>	Signature <i>j</i>

NOTE: START A NEW FORM BEFORE MAILING THIS ONE

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225319

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/5/95	RW
600	Proof		12/5/95	RW
607	Check Headspace		12/5/95	RW
610	Dis-assemble Gun		12/5/95	RW
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		12/15/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/15/95	RW
	C) Inspect Ejector Hole for Chamfer		12/15/95	RW
	D) Oil Firing Pin Ass'y		12/15/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	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			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		12/16/95	RB
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		12/16/95	RB
655	Final Inspection			
	A) Headspace		12/19/95	RW
	B) Trigger Pull			
	C) Function		12/19/95	RW
660	Pack			

Final Inspection

Sn: C6225319

DATE REC'D: 11/17/95

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

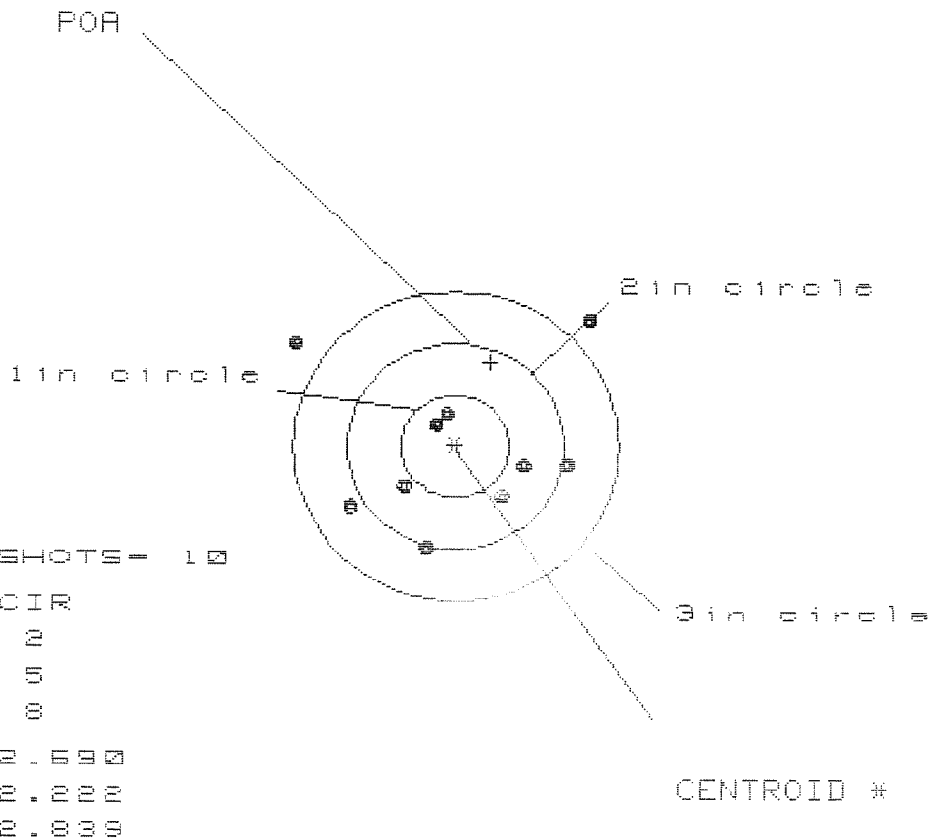
☒ SAFETY OPERATION☒ SET☒

Comments:

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225319

CENTERFIRE PATTERNS # 1



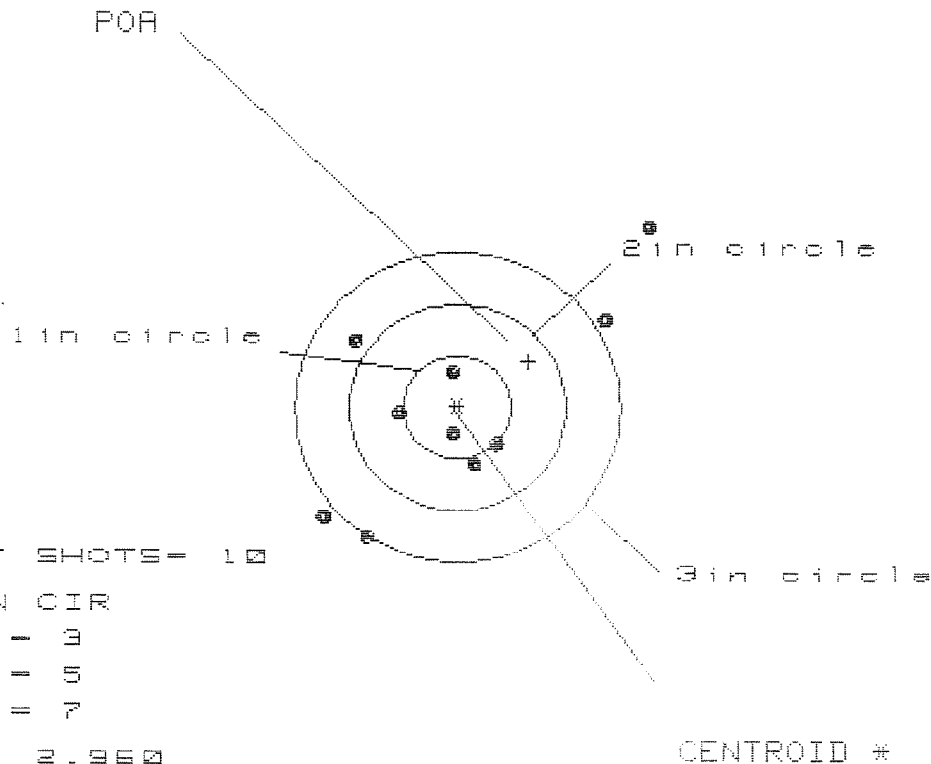
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.261	1.151	.990
MINIMUM X	-1.429	-1.289	-.959
MAXIMUM Y	1.217	1.107	.631
MINIMUM Y	-1.005	-.870	-.732
CENTROID X	-.327	-.467	-.306
CENTROID Y	-.816	-.951	-1.089
POA TO CENTROID in.	.879	1.060	1.132
MIN RADIUS	.337	.392	.471
MEAN RADIUS	.923	.819	.694
MAX RADIUS	1.752	1.699	1.006
HORIZONTAL SPREAD	2.690	2.440	1.949
VERTICAL SPREAD	2.222	1.977	1.363

EXTREME SPREAD	2.839	2.682	1.997
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225319

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 2.960

VS= 2.981

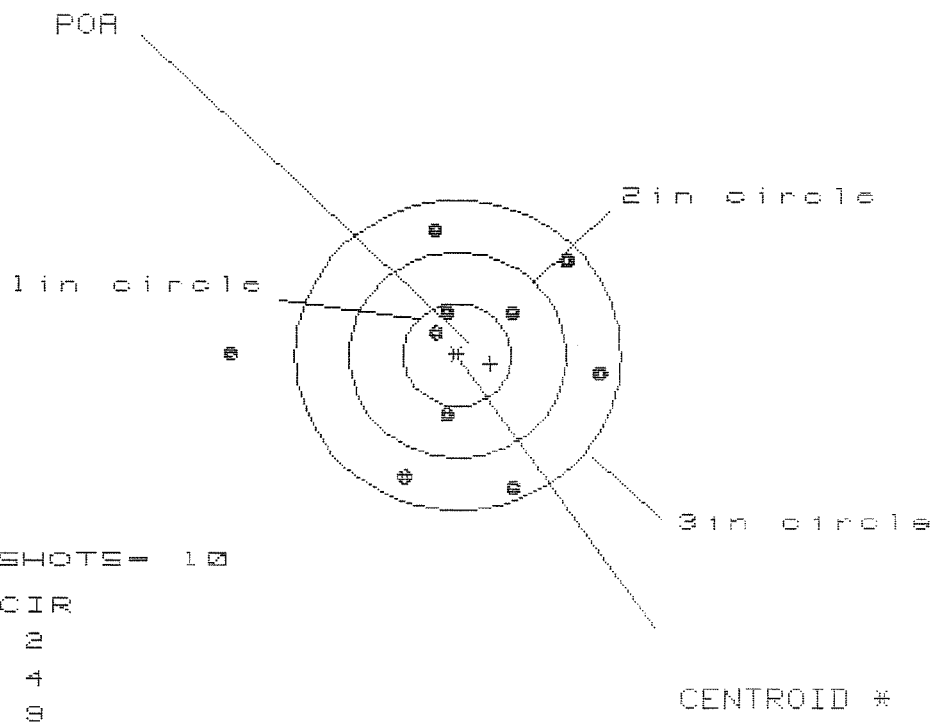
GS= 4.112

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.711	1.523	1.391
MINIMUM X	:	-1.249	-1.059	-0.856
MAXIMUM Y	:	1.756	1.036	.923
MINIMUM Y	:	-1.225	-1.030	-1.143
CENTROID X	:	-.659	-.849	-.717
CENTROID Y	:	-.448	-.643	-.530
POA TO CENTROID in.	:	.797	1.065	.892
MIN RADIUS	:	.236	.162	.154
MEAN RADIUS	:	1.050	.860	.783
MAX RADIUS	:	2.452	1.842	1.669
HORIZONTAL SPREAD	:	2.960	2.582	2.247
VERTICAL SPREAD	:	2.981	2.066	2.066
EXTREME SPREAD	:	4.112	3.229	2.995
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225313

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 9

HS = 3.366

VS = 2.511

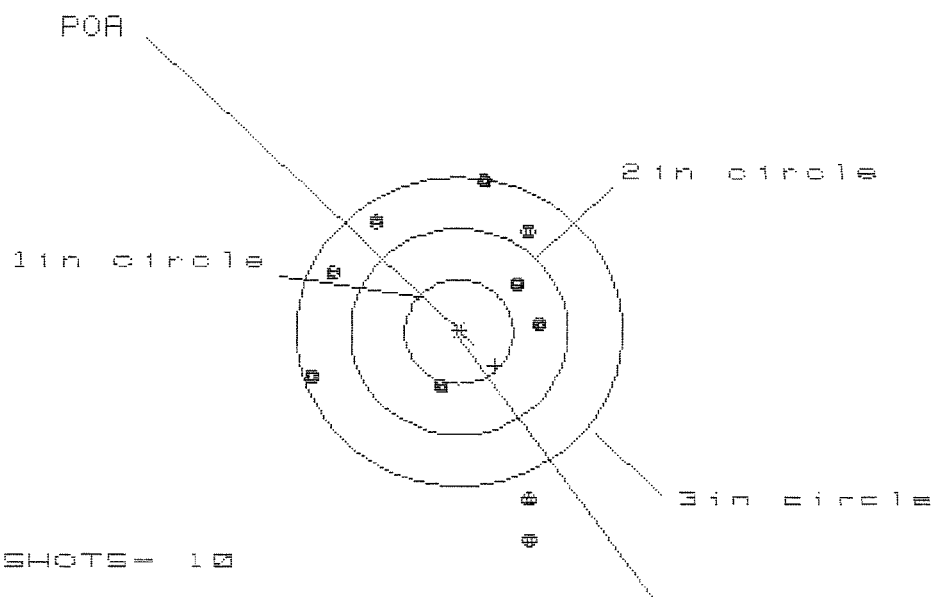
GS = 3.377

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.270	1.037	1.068
MINIMUM X	-2.096	-0.771	-0.740
MAXIMUM Y	1.231	1.237	1.078
MINIMUM Y	-1.280	-1.274	-1.322
CENTROID X	-0.305	-0.072	-0.103
CENTROID Y	.082	.076	.235
POA TO CENTROID in.	.315	.105	.257
MIN RADIUS	.316	.503	.365
MEAN RADIUS	1.058	.937	.860
MAX RADIUS	2.097	1.396	1.515
HORIZONTAL SPREAD	3.366	1.808	1.808
VERTICAL SPREAD	2.511	2.511	2.400
EXTREME SPREAD	3.377	2.607	2.565
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225319

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 2.152

VS = 3.485

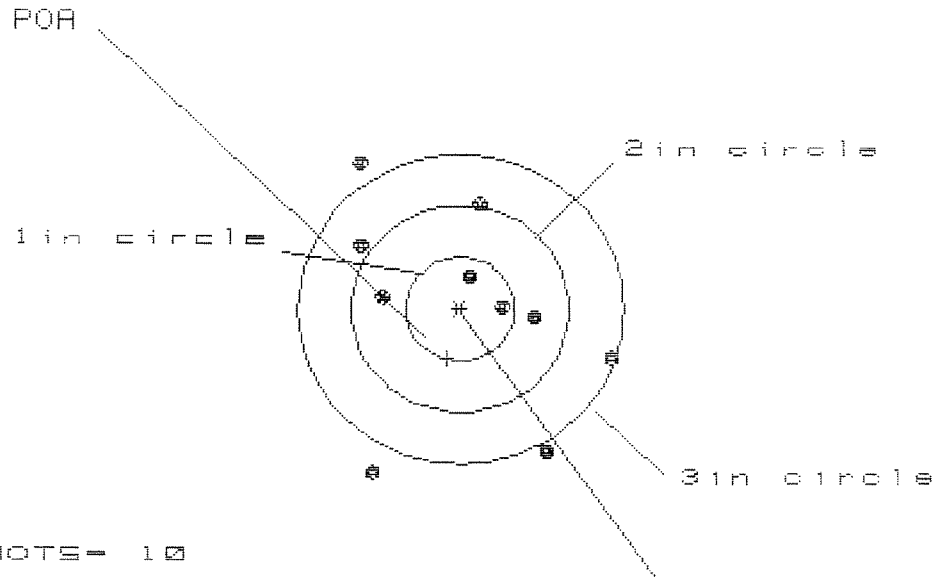
GS = 3.519

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.743	.819	.982
MINIMUM X	:	-1.409	-1.333	-1.250
MAXIMUM Y	:	1.440	1.212	.982
MINIMUM Y	:	-2.055	-1.839	-.993
CENTROID X	:	-.337	-.413	-.496
CENTROID Y	:	.329	.557	.787
POA TO CENTROID in.	:	.471	.693	.930
MIN RADIUS	:	.569	.701	.726
MEAN RADIUS	:	1.269	1.144	1.021
MAX RADIUS	:	2.164	1.956	1.520
HORIZONTAL SPREAD	:	2.152	2.152	2.152
VERTICAL SPREAD	:	3.495	3.051	1.975
EXTREME SPREAD	:	3.519	3.068	2.497

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225319

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 2.347

VS = 3.024

GS = 3.296

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.384	1.295	1.163
MINIMUM X	-.963	-1.052	-1.146
MAXIMUM Y	1.439	1.263	.984
MINIMUM Y	-1.585	-1.549	-1.391
CENTROID X	.115	.204	.336
CENTROID Y	.479	.655	.497
POA TO CENTROID in.	.493	.686	.600
MIN RADIUS	.313	.132	.151
MEAN RADIUS	1.070	.951	.857
MAX RADIUS	1.778	1.687	1.491
HORIZONTAL SPREAD	2.347	2.347	2.309
VERTICAL SPREAD	3.024	2.812	2.375
EXTREME SPREAD	3.296	3.296	2.612
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225319

SCOPE #
1130

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	p/c.
	Magnaflux Bolt		9-14-88	p/c.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/2/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		21NOV88	JS
	F) Safety on Force	4.5 : 4 : 4	21NOV88	JS
	G) Safety off Force	4.5 : 4.5 : 4.5	21NOV88	JS
	H) Trigger Pull Test & Retainability		21NOV88	JS
	I) Firing Pin Indent	.0205 : .020 : .021	21NOV88	JS
	J) Assemble Stock		11/2/88	RW
	K) Attach Front & Rear Sight Assemblies		11/2/88	RW
	L) Iron Sight Alignment		11/2/88	RW
	M) Detach Front & Rear Sights & place in numbered container		11/2/88	RW
	N) Attach Scope to Rifle		11/7/88	RW
	O) Detach & Attach Scope 20 times		11/7/88	W.B.
640	Gallery Target & Test	73 R 79L	11/8/88	DH
	A) Optical Clarity of Scope		11/8/88	DH
645	Inspect for Live Ammo		11/8/88	DH
655	Final Inspection			
	A) Headspace		29NOV88	JS
	B) Trigger Pull	2.31 : 2.43 : 2.48	2.45 : 2.54	JS
	C) Function		29NOV88	JS
	D) Assemble Swivel Studs		29NOV88	JS
660	Pack		15DEC88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225319

DATE 1/10/88

TESTER J. U. + G. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.45	2.51	2.31	MIN. SETTING,
PULL #2	2.42	2.42	2.52	2.43	NO AVG. OF 5
PULL #3	2.44	2.42	2.49	2.48	READINGS ACCEPT-
PULL #4	2.40	2.33	2.50	2.45	ABLE LESS THAN 2#
PULL #5	2.44	2.47	2.48	2.54	
TOTAL	12.13	12.09	12.50	12.21	
AVG.	2.426	2.418	2.50	2.442	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.31		
PULL #2	3.25	3.30		
PULL #3	3.26	3.25		
PULL #4	3.26	3.28		
PULL #5	3.27	3.31		
TOTAL	16.31	16.45		
AVG.	3.262	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.04		4.04
PULL #2	4.26	4.30		4.33
PULL #3	4.26	4.32		4.36
PULL #4	4.26	4.33		4.37
PULL #5	4.28	4.30		4.37
TOTAL	21.14	21.29		21.47
AVG.	4.228	4.258		4.294

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225319

CENTROIDAL DISTANCES

0 TO	1	.399531
1 TO	2	.436602
1 TO	3	.500301
1 TO	4	.48225
1 TO	5	.284918

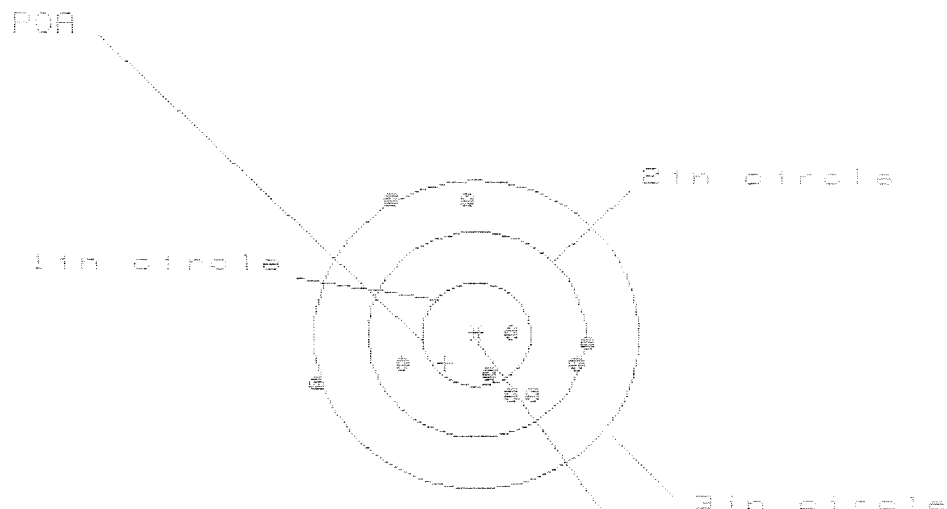
45 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0188
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1208
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .122254
 THE AMR FOR THIS RIFLE IS: .9384

8 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C82253.9

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.538

VS = 1.929

GS = 2.569

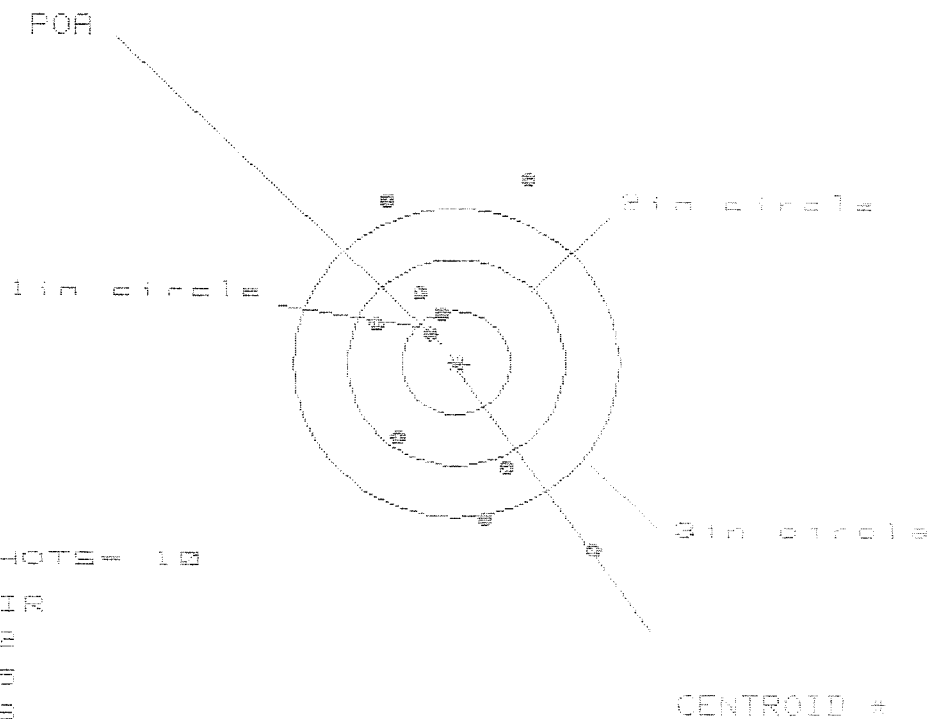
CENTROID +>

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.021	.953	.739
MINIMUM X	-1.517	-.912	-.976
MAXIMUM Y	1.357	1.302	1.417
MINIMUM Y	-.572	-.627	-.464
CENTROID X	.285	.453	.567
CENTROID Y	.280	.335	.172
POA TO CENTROID in.	.399	.563	.593
MIN RADIUS	.304	.157	.085
MEAN RADIUS	.924	.822	.653
MAX RADIUS	1.595	1.590	1.474
HORIZONTAL SPREAD	2.538	1.765	1.715
VERTICAL SPREAD	1.929	1.929	1.881
EXTREME SPREAD	2.569	2.323	1.979
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

8 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225319

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 1.995

VS = 3.656

GS = 3.889

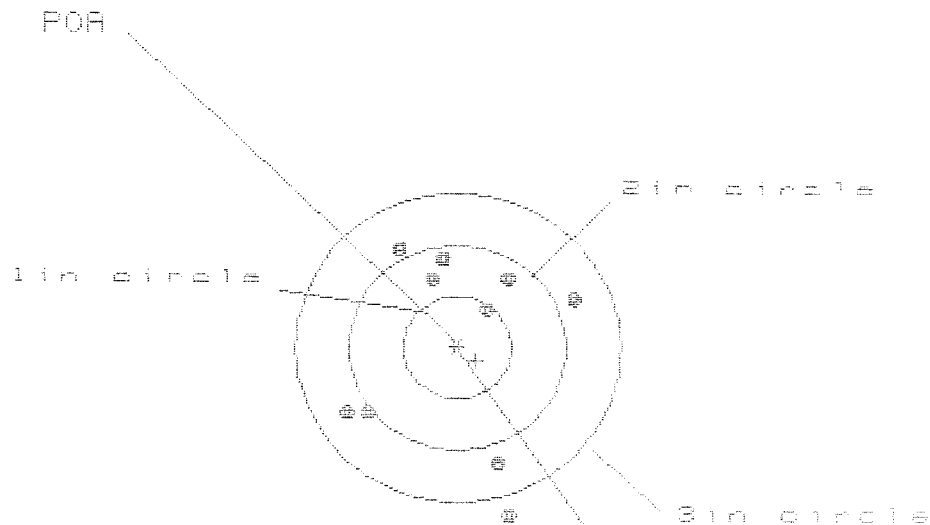
PATTERN # : 2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.255	.774	.675
MINIMUM X	:	-.748	-.600	-.583
MAXIMUM Y	:	1.795	1.588	1.554
MINIMUM Y	:	-1.861	-1.739	-1.540
CENTROID X	:	-.065	-.205	-.302
CENTROID Y	:	.019	.226	.027
POR TO CENTROID in.	:	.068	.305	.303
MIN RADIUS	:	.421	.176	.312
MEAN RADIUS	:	1.194	.999	.928
MAX RADIUS	:	2.245	1.783	1.616
HORIZONTAL SPREAD	:	1.995	1.374	1.178
VERTICAL SPREAD	:	3.656	3.327	3.094
EXTREME SPREAD	:	3.889	3.349	3.207
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

8 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225319

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.677

VS = 2.568

GS = 2.754

PATTERN #

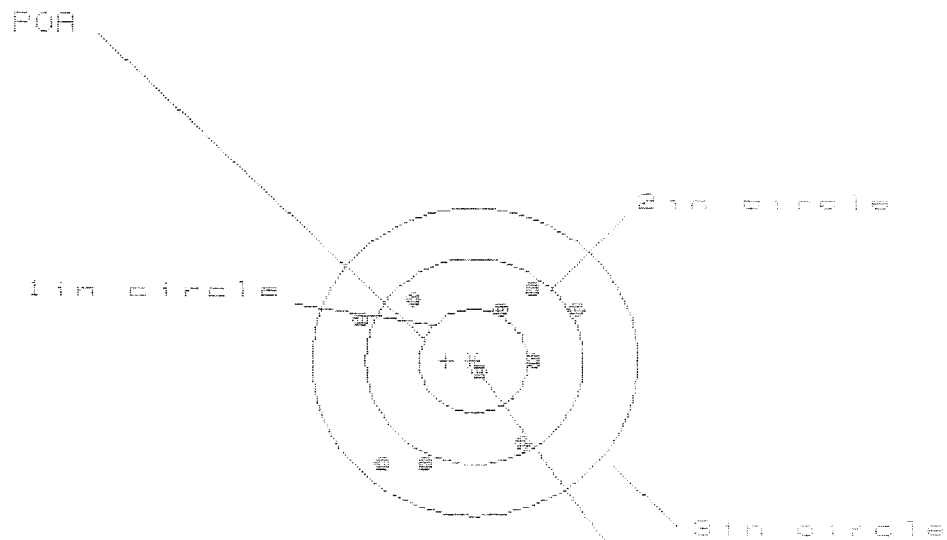
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.966	1.122	1.181
MINIMUM X	-1.011	-0.955	-0.896
MAXIMUM Y	.942	.762	.682
MINIMUM Y	-1.618	-1.283	-0.987
CENTROID X	-0.173	-0.229	-0.288
CENTROID Y	.129	.309	.469
POA TO CENTROID in.	.216	.384	.550
MIN RADIUS	.412	.335	.357
MEAN RADIUS	1.017	.898	.798
MAX RADIUS	1.694	1.367	1.239
HORIZONTAL SPREAD	2.077	2.077	2.077
VERTICAL SPREAD	2.568	2.045	1.589
EXTREME SPREAD	2.754	2.317	2.317
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

8 NOV 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08285313

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 10

ME = 2.026

VS = 1.758

GS = 2.356

CENTROID +

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.977	.885	.814
MINIMUM X	-1.049	-1.141	-1.212
MAXIMUM Y	.742	.631	.490
MINIMUM Y	-1.016	-1.127	-1.016
CENTROID X	.252	.344	.415
CENTROID Y	-.003	.108	.249
POA TO CENTROID in.	.252	.361	.484
MIN RADIUS	.065	.171	.251
MEAN RADIUS	.855	.788	.707
MAX RADIUS	1.295	1.263	1.220
HORIZONTAL SPREAD	2.026	2.026	2.026
VERTICAL SPREAD	1.758	1.758	1.506
EXTREME SPREAD	2.356	2.115	2.030
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		