

C6225319

MODEL 700™ M24

Model **700 M24™**

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: 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

H Start

13 M...

4 M...

HR Ba...

2 Int...

Arms...

Part 5...

2:39 PM

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 2.40 2.37 2.40 4-15-09	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	4-15-09	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

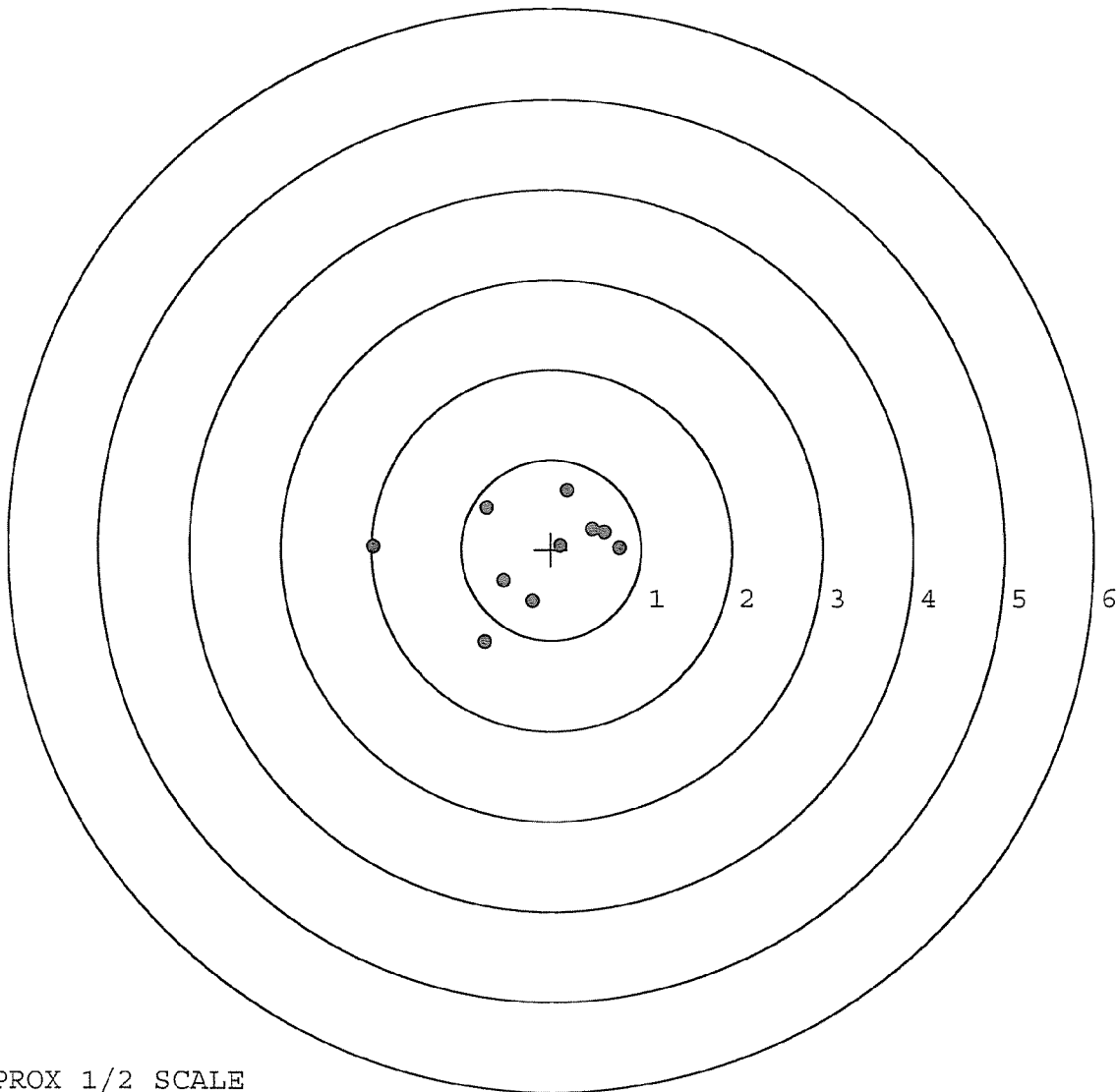
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

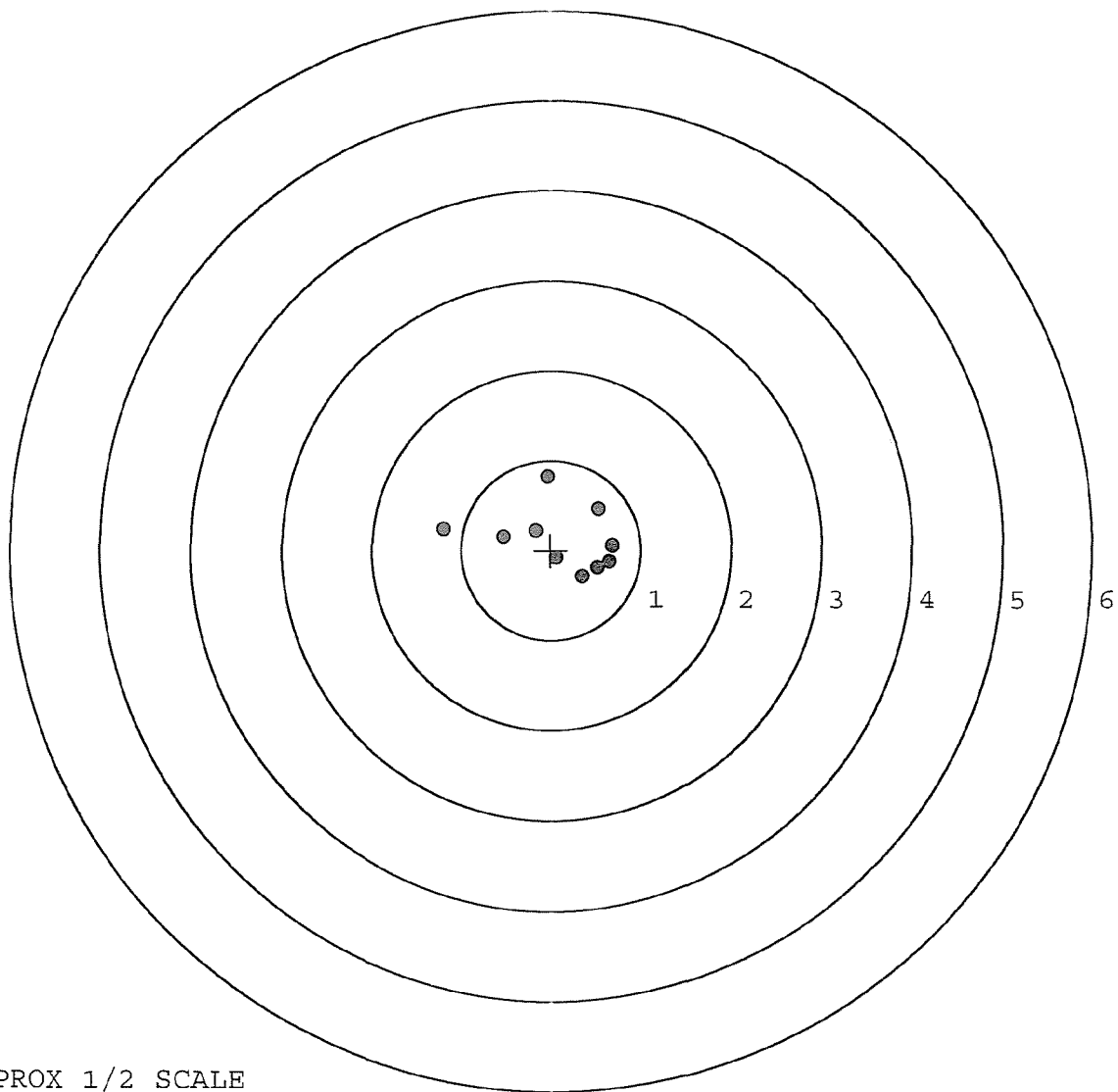


TARGET APPROX 1/2 SCALE

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

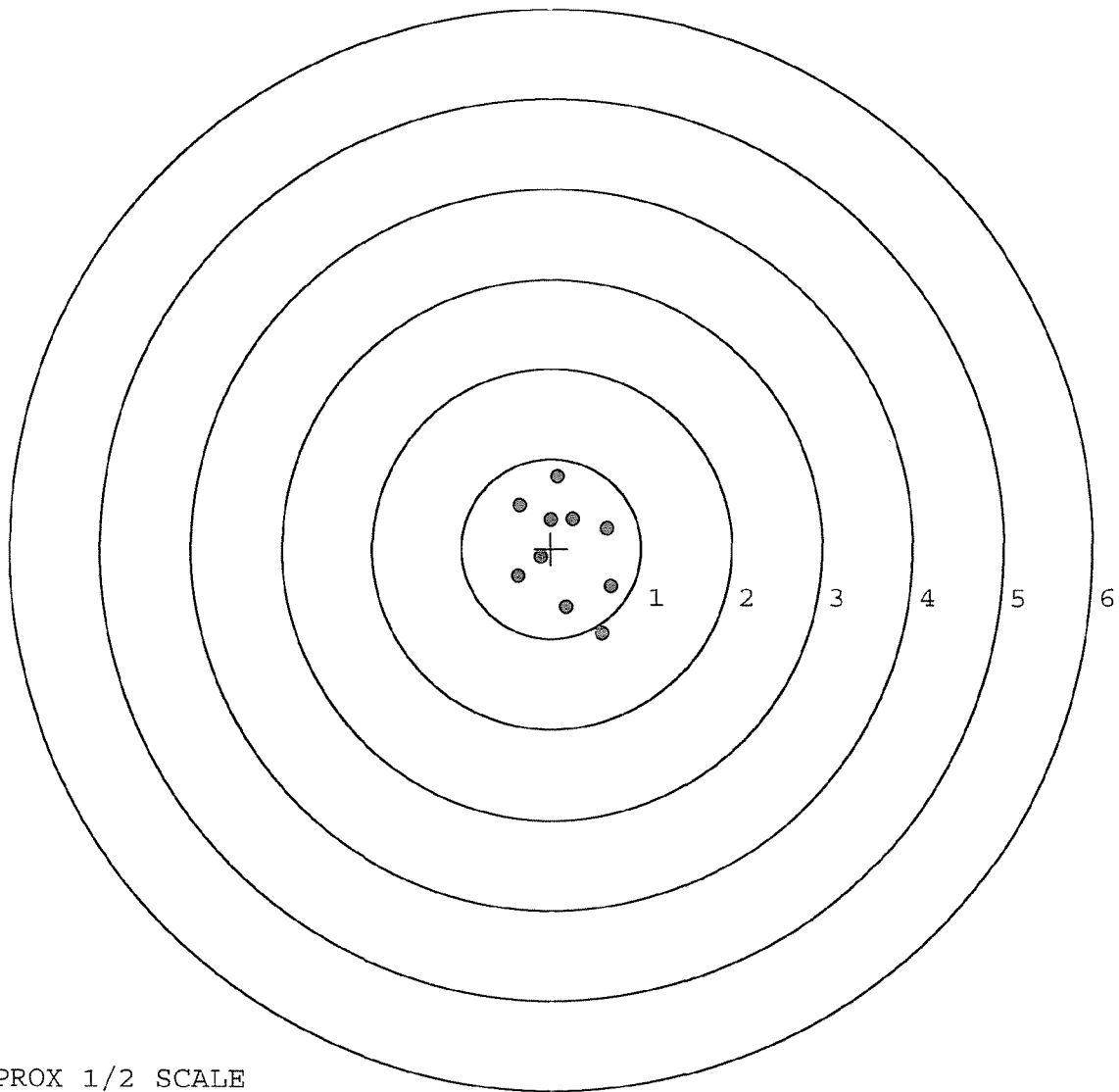


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225319. __1
TARGET NUMBER: 3
FILE DATE: 04/09/2009
FILE TIME: 05:38

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

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



TARGET APPROX 1/2 SCALE

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

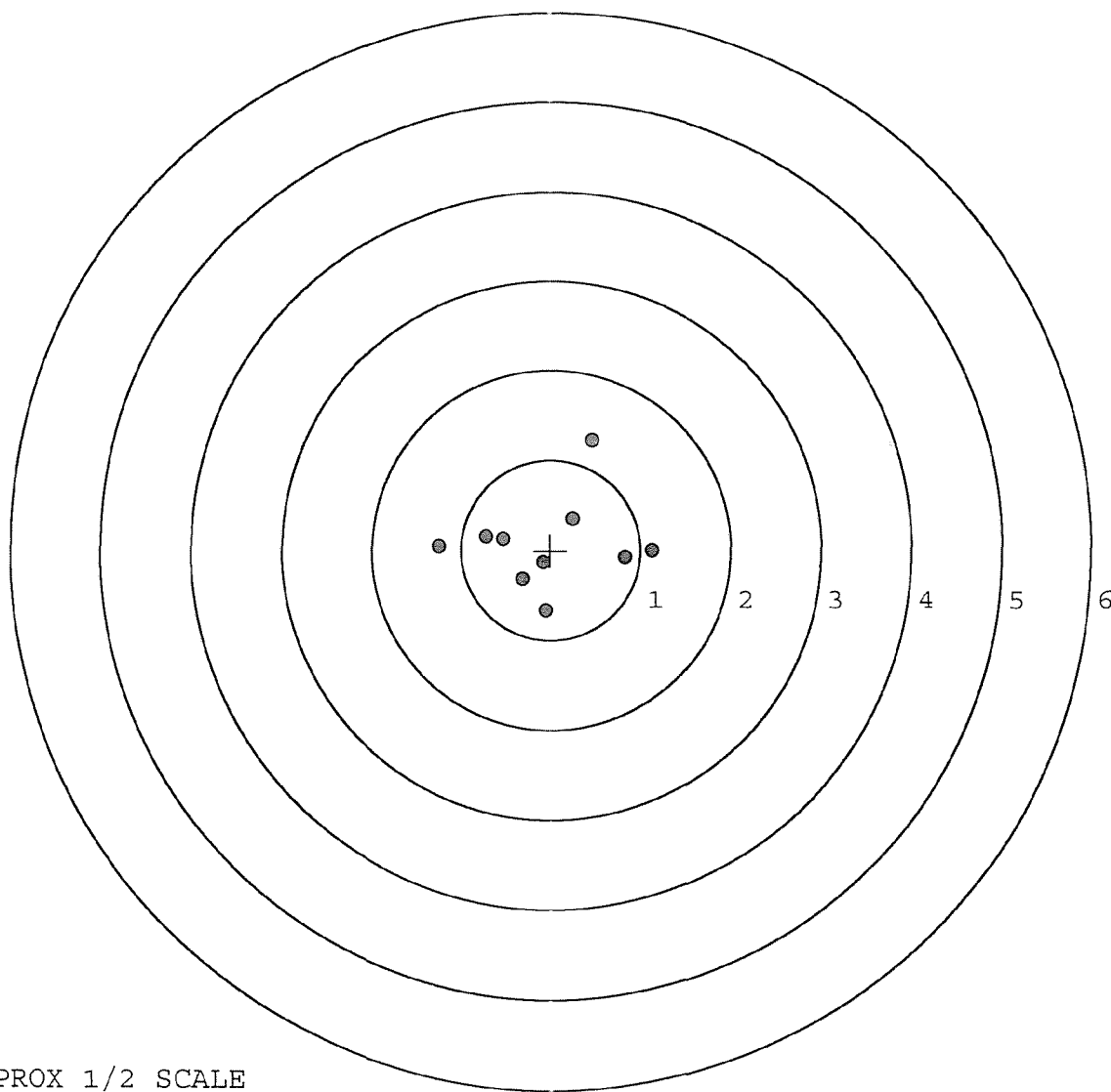
MAX RADIUS: 1.251

MEAN RADIUS: 0.756

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

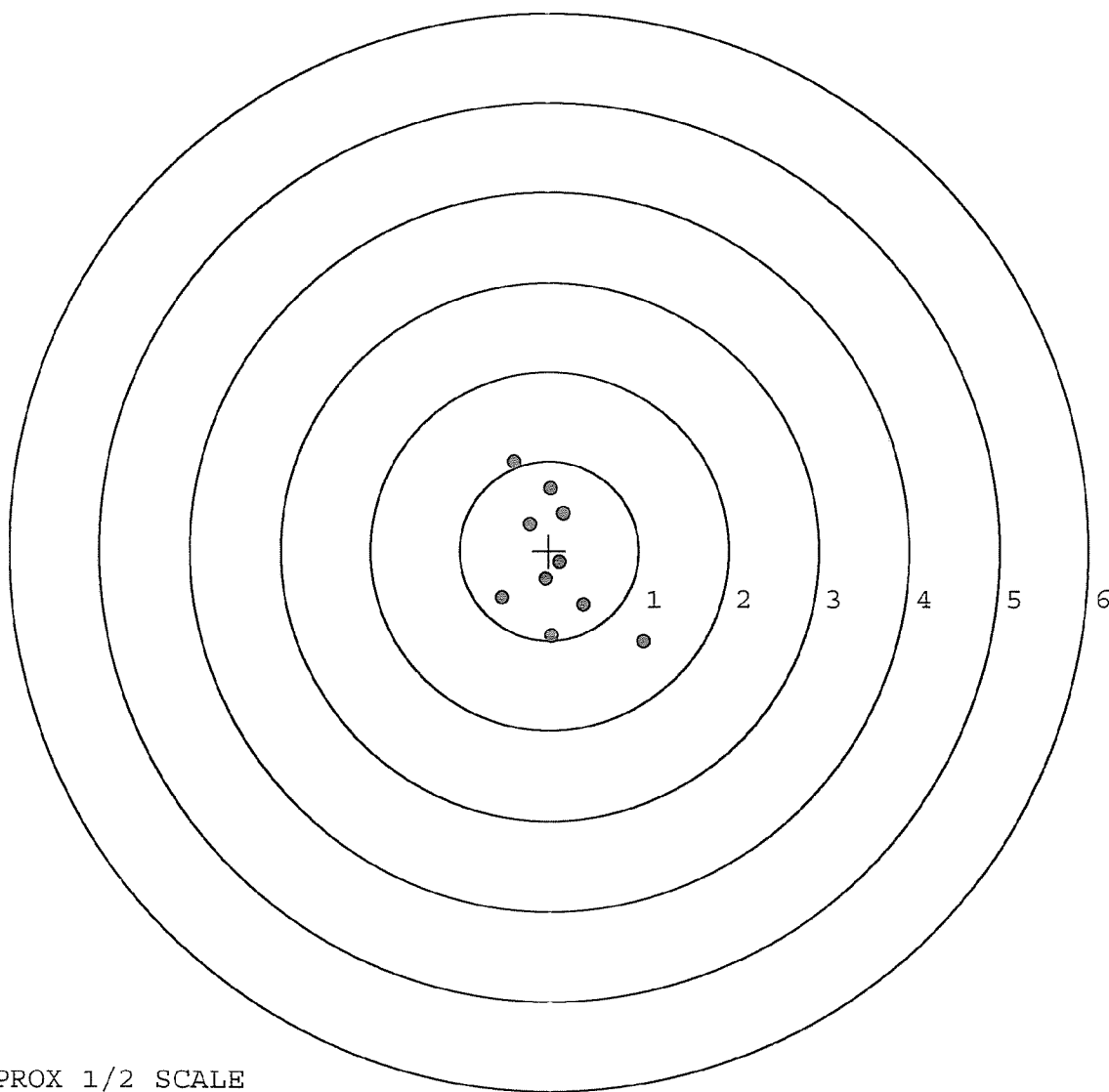


TARGET APPROX 1/2 SCALE

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

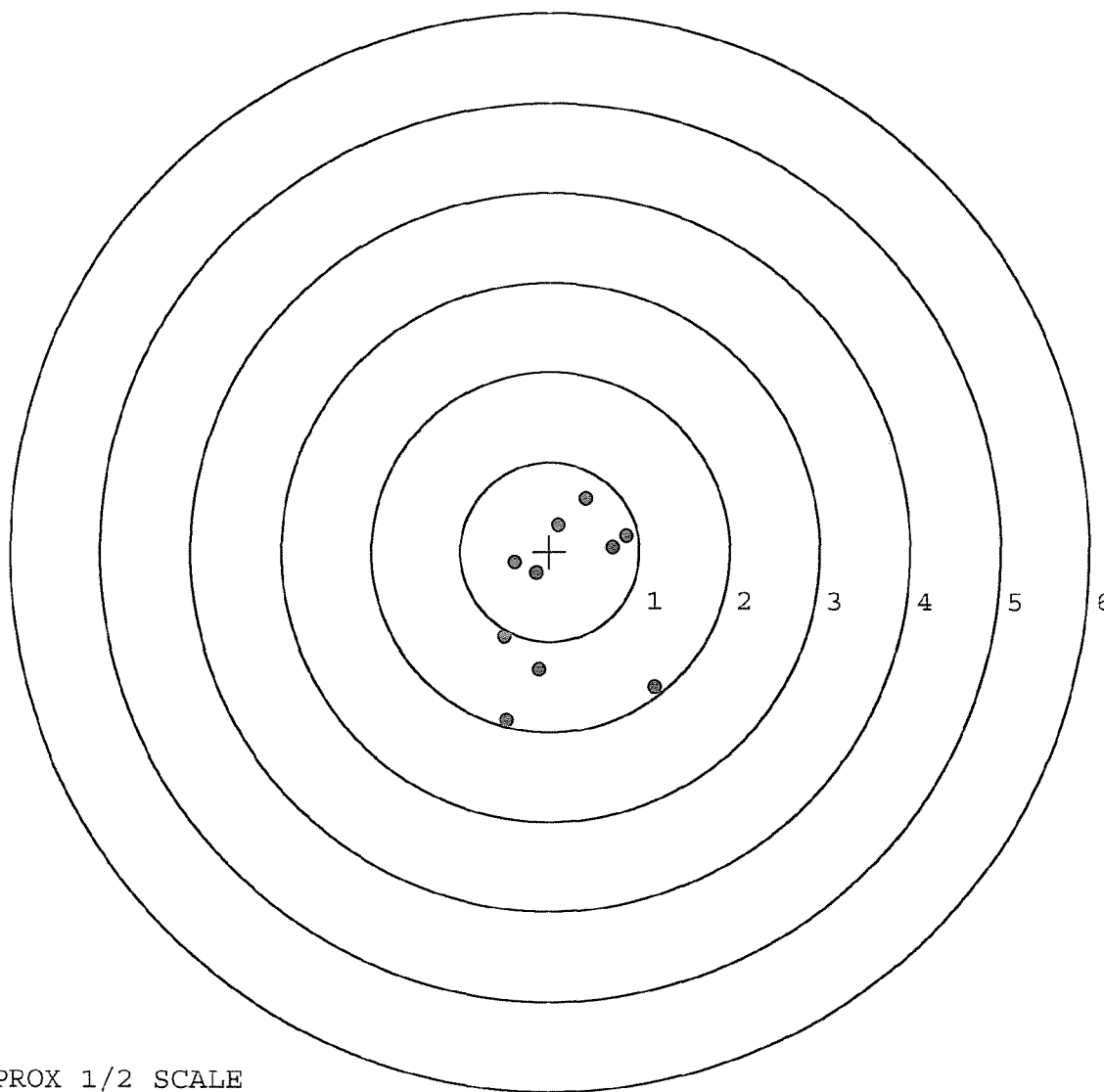
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

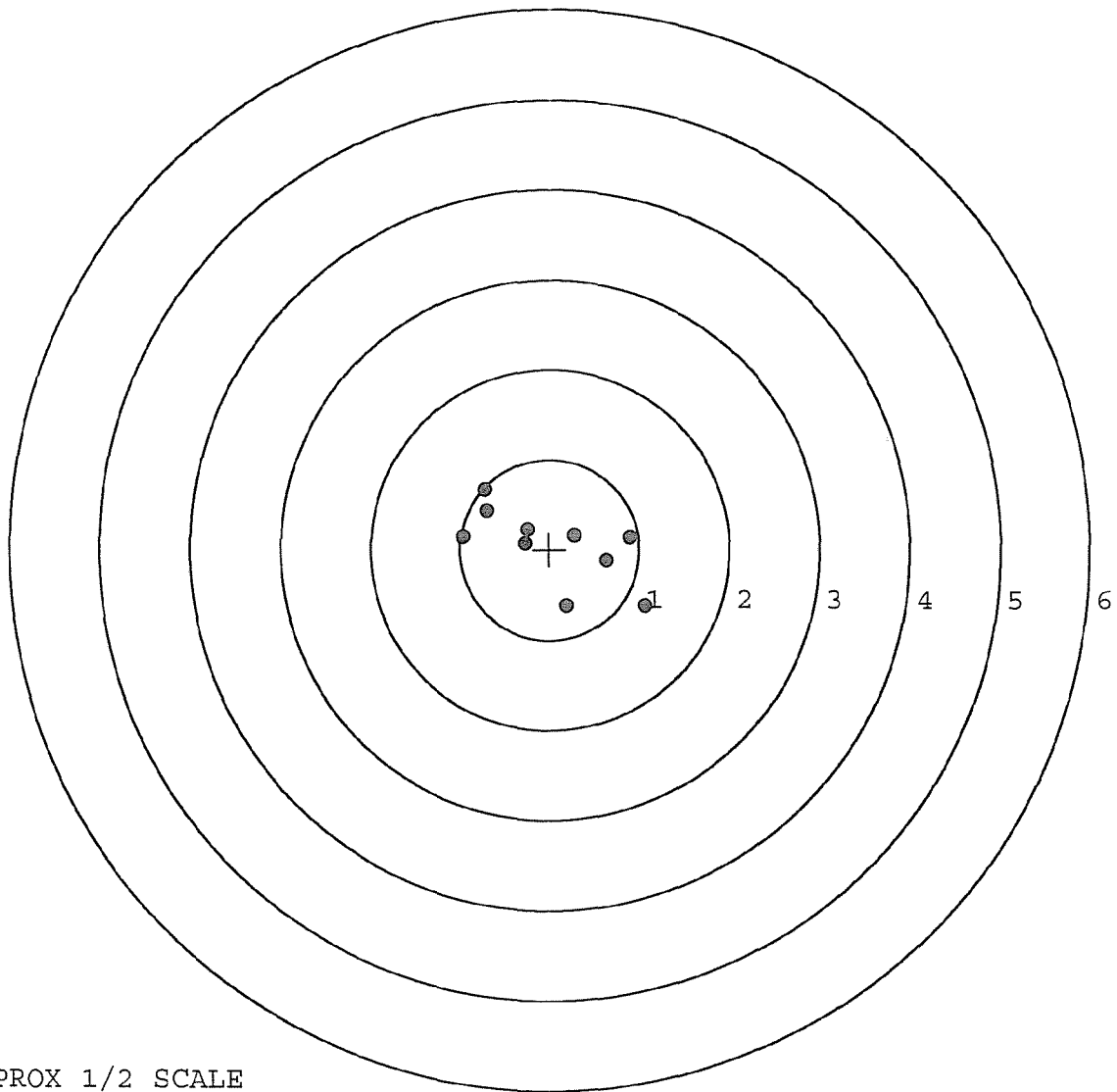


TARGET APPROX 1/2 SCALE

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

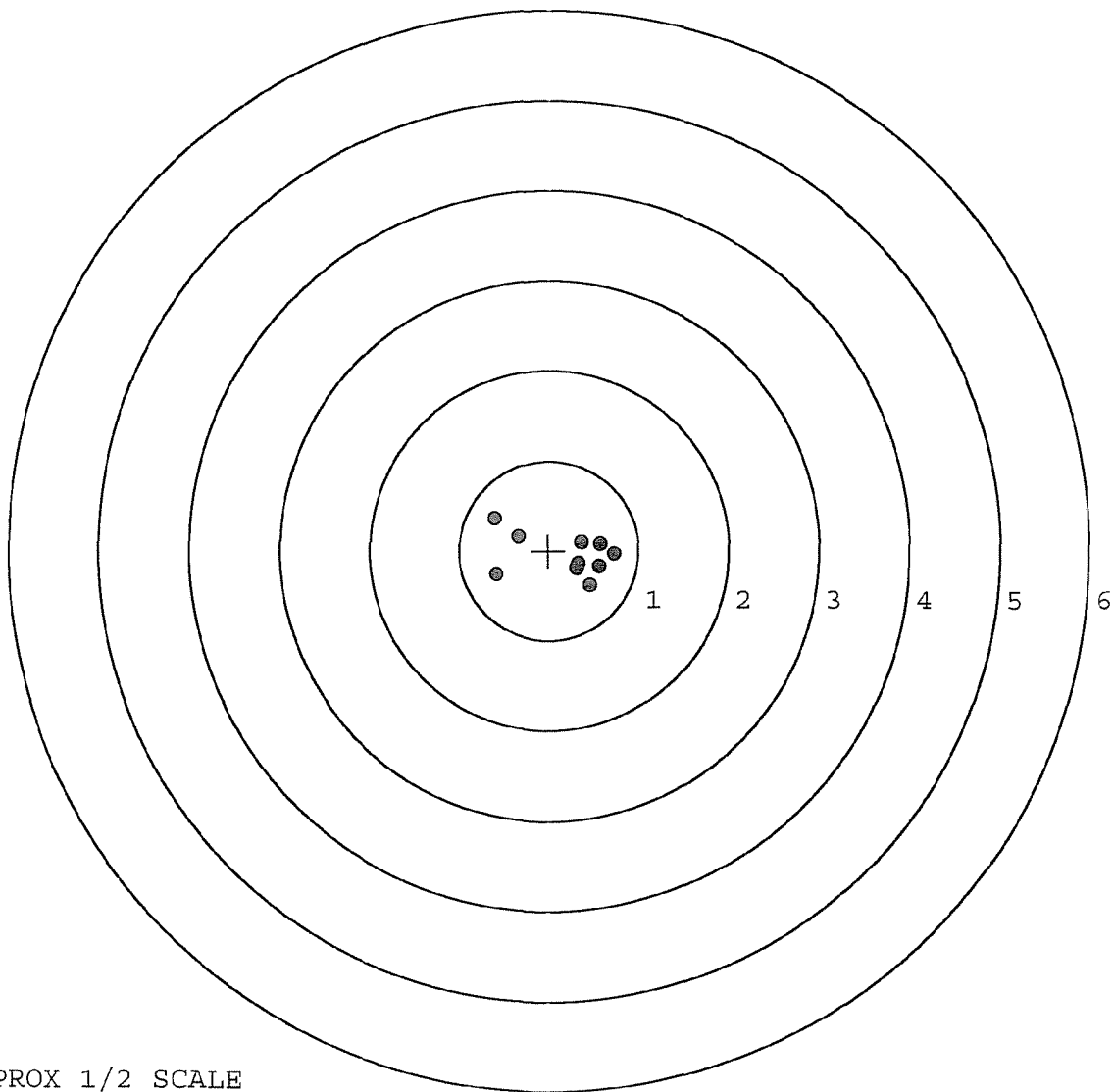


TARGET APPROX 1/2 SCALE

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

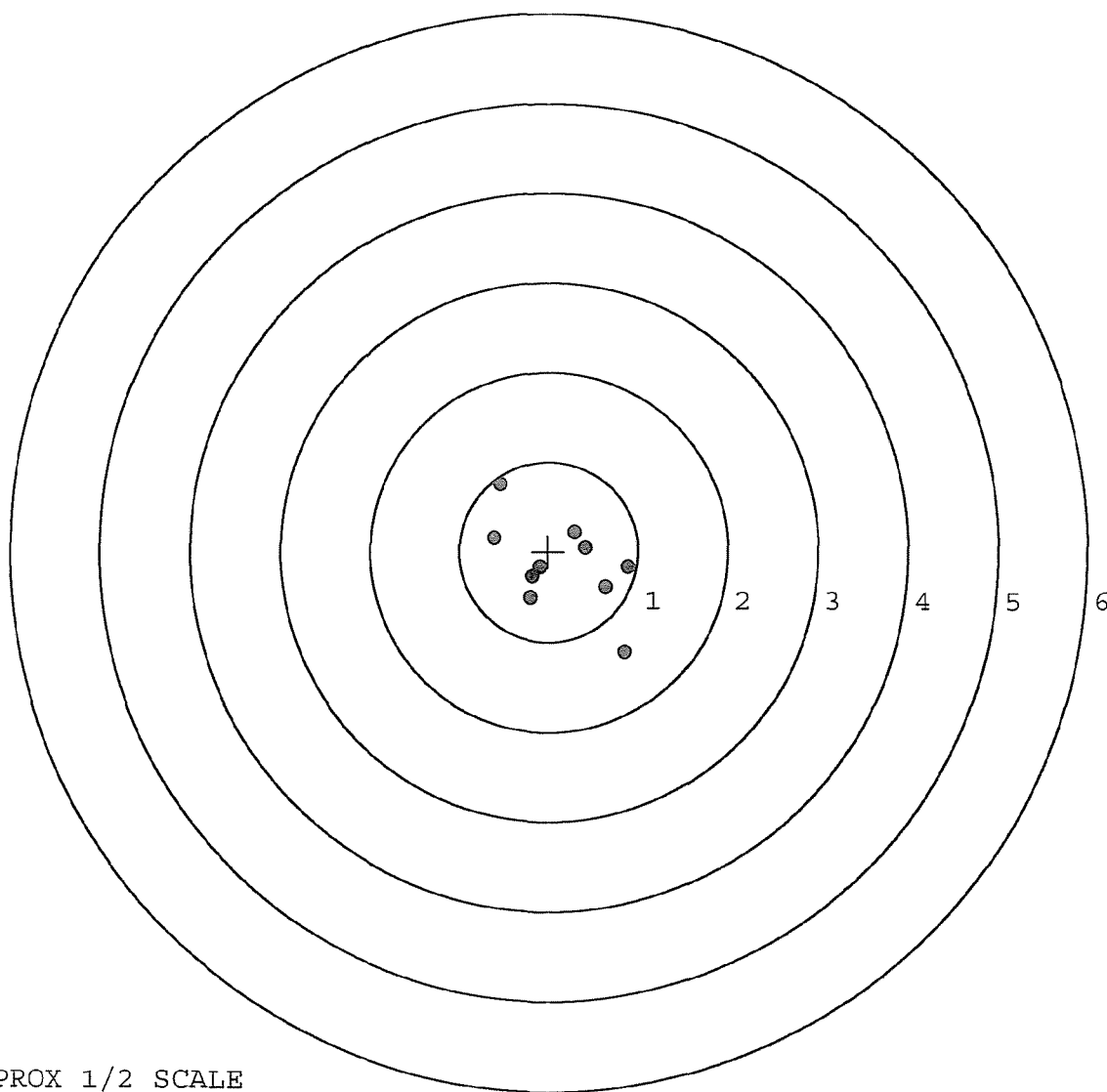
POINT#	X	Y
1:	-0.608	0.354
2:	-0.344	0.160
3:	-0.586	-0.272
4:	0.463	-0.391
5:	0.318	-0.197
6:	0.364	0.099
7:	0.575	0.076
8:	0.732	-0.038
9:	0.565	-0.174
10:	0.337	-0.140

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

SERIAL NUMBER: C6225319. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.546	0.748
FILE DATE: 09/20/2007	2:	-0.617	0.150
FILE TIME: 22:48	3:	-0.095	-0.178
	4:	-0.205	-0.517
X CENTROID: 0.144	5:	0.288	0.219
Y CENTROID: -0.151	6:	0.418	0.044
POA TO CENTROID: 0.209	7:	0.892	-0.177
HORZ SPREAD: 1.509	8:	0.636	-0.402
VERT SPREAD: 1.862	9:	0.852	-1.114
GROUP SPREAD: 2.328	10:	-0.186	-0.285
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			

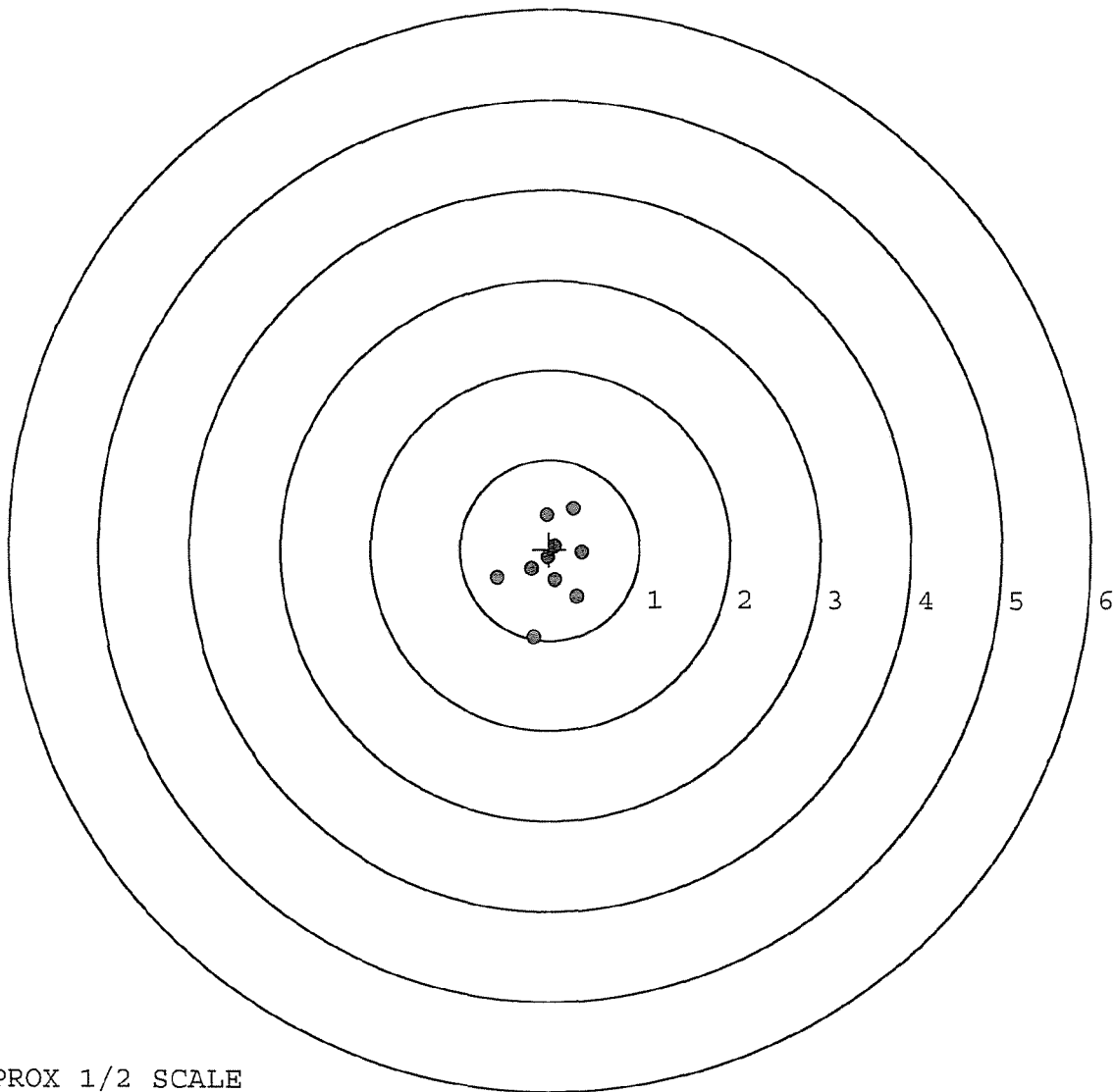


TARGET APPROX 1/2 SCALE

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

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

R & E NUMBER 133016
SERIAL NUMBER C6225319
LOG-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			
	I) FIRING PIN INDENT	.020	.022 .022 .0225 9/21/07	DA
690	PACK		9-24-07	RA

DOC. IDENT.		RI FROM		STOCK NUMBER		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						MARK FOR		PROJECT	
WAREHOUSE LOCATION						TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UNIT PRICE	
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)						FREIGHT CLASSIFICATION NOMENCLATURE						TOTAL PRICE			
						SER.# C6225319						DOLLARS CT			
						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									
TRANSPORTATION CHARGEABLE TO						BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)						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.		RI FROM		STOCK NUMBER		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						MARK FOR		PROJECT	
WAREHOUSE LOCATION						TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UNIT PRICE	
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)						FREIGHT CLASSIFICATION NOMENCLATURE						TOTAL PRICE			
						SER.# C6225319						DOLLARS CT			
						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									
TRANSPORTATION CHARGEABLE TO						BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)						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

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. 06005319	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		

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 Reading, 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, comd

CONTINUE ON REVERSE

DA FORM 2408-4
1 JAN 79

EDITION OF 1 DEC 77 WILL BE USED

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400012756

KINZER V. REMINGTON

M2400012757

[illegible]

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: _____

CENTROIDAL DISTANCES

0 TO	1	.879082
1 TO	2	.495629
1 TO	3	.898269
1 TO	4	1.14504
1 TO	5	1.36835

$\frac{1}{2} \frac{d^2}{dt^2}$ $\leftarrow$ $F = G$

1

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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0748
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .311708

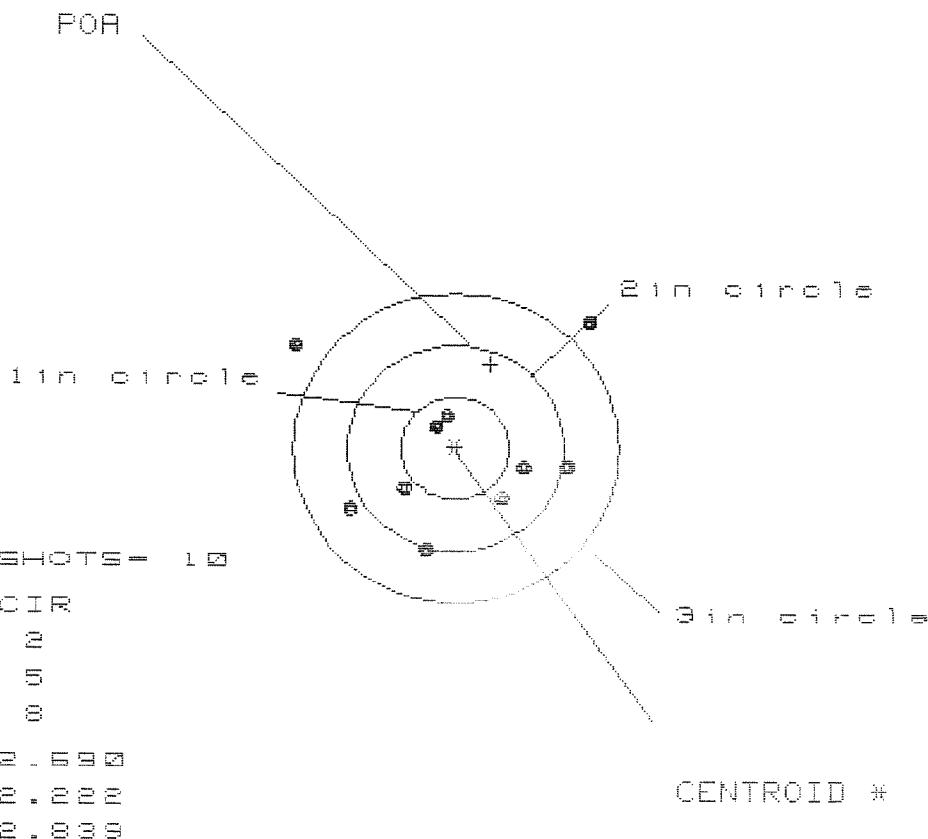
THE AMR FOR THIS RIFLE IS: 1.074

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1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225319

CENTERFIRE PATTERNS # 1



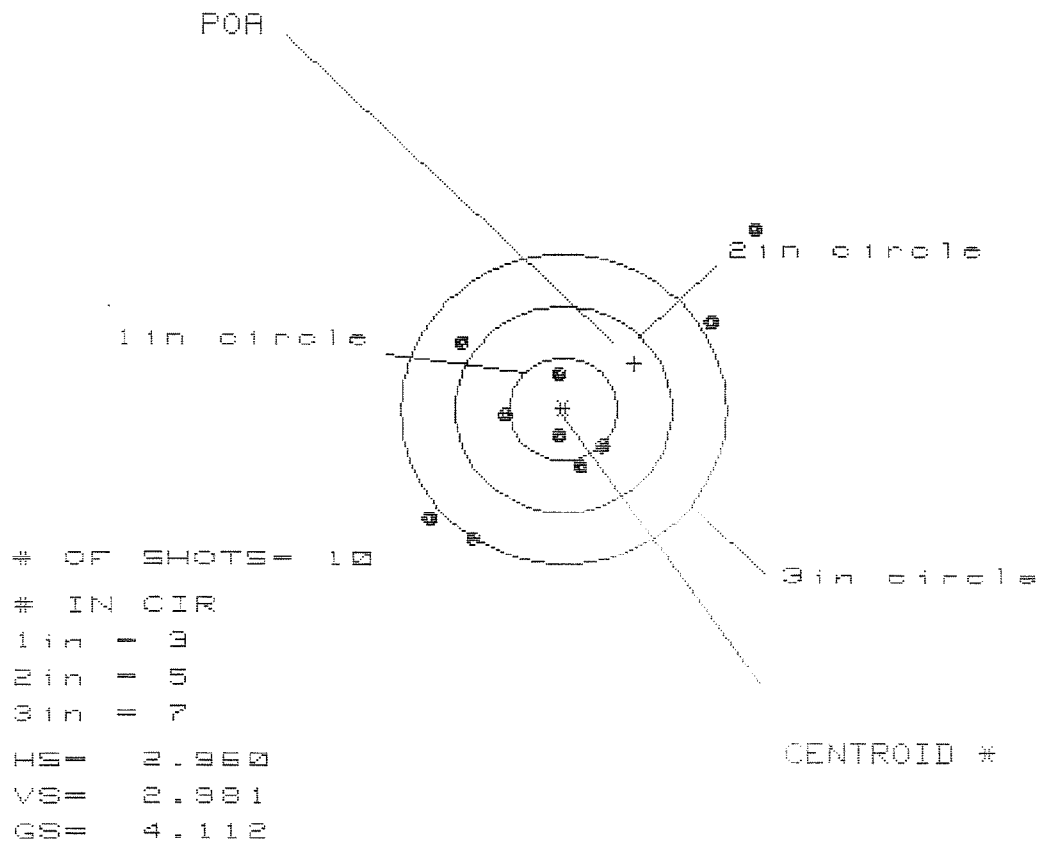
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.261	1.151	.990
MINIMUM X	-1.429	-1.289	-.959
MAXIMUM Y	1.217	1.107	.631
MINIMUM Y	-1.005	-.870	-.732
CENTROID X	-.327	-.467	-.306
CENTROID Y	-.816	-.951	-1.089
POA TO CENTROID in.	.879	1.060	1.132
MIN RADIUS	.337	.392	.471
MEAN RADIUS	.923	.819	.694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

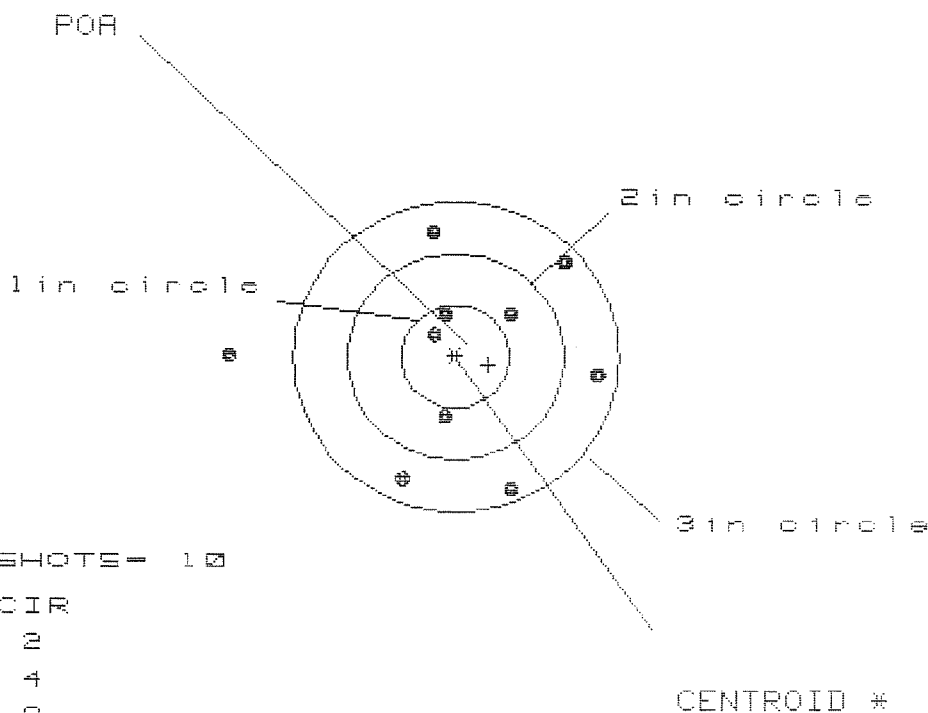


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.711	1.523	1.391
MINIMUM X	:	-1.249	-1.059	-.856
MAXIMUM Y	:	1.756	1.036	.923
MINIMUM Y	:	-1.225	-1.030	-1.143
CENTROID X	:	-.659	-.849	-.717
CENTROID Y	:	-.448	-.643	-.530
POA TO CENTROID in.	:	.797	1.065	.892
MIN RADIUS	:	.236	.162	.154
MEAN RADIUS	:	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 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06225319

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 9

HS = 3.366

VS = 2.511

GS = 3.377

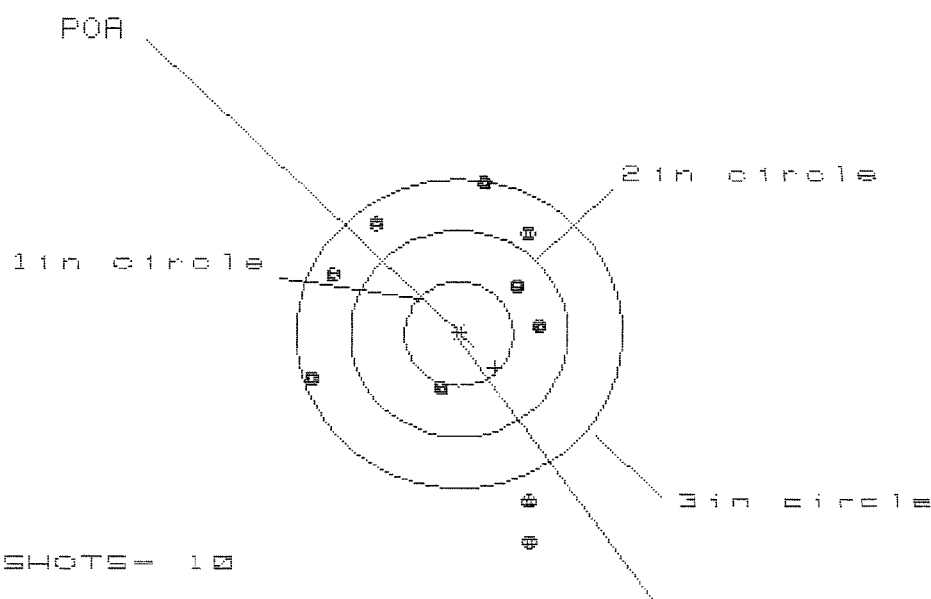
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.270	1.037	1.068
MINIMUM X	:	-2.096	-1.771	-1.740
MAXIMUM Y	:	1.231	1.237	1.078
MINIMUM Y	:	-1.280	-1.274	-1.322
CENTROID X	:	-.305	-.072	-.103
CENTROID Y	:	.082	.076	.235
POR 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

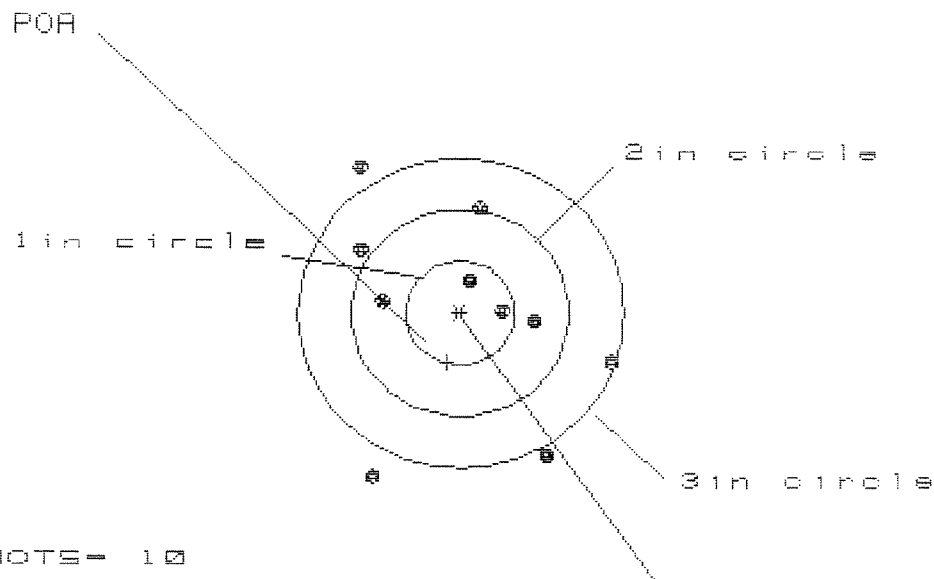
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.743	.819	.982
MINIMUM X	:	-1.489	-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

PATTERN #	:	5		
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	

M-24

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

SWS TRIGGER PULL TEST

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

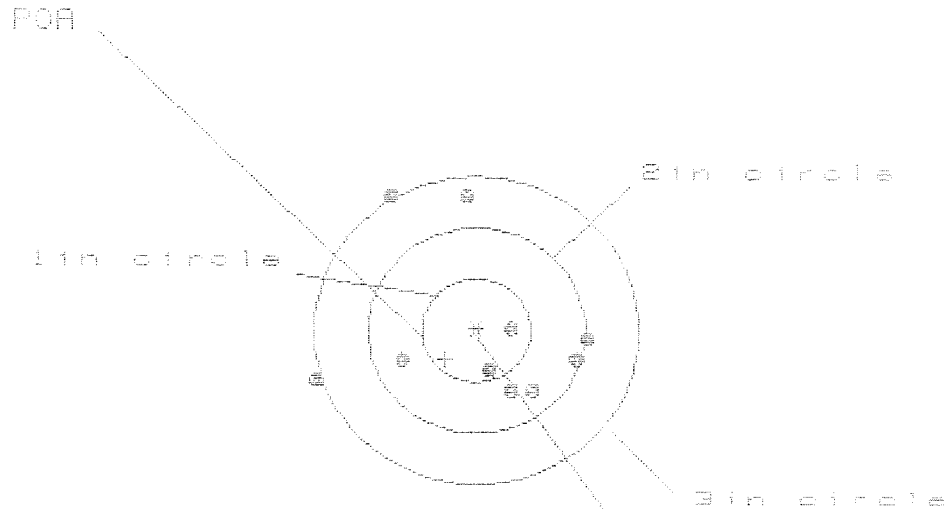
45 <----POA

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

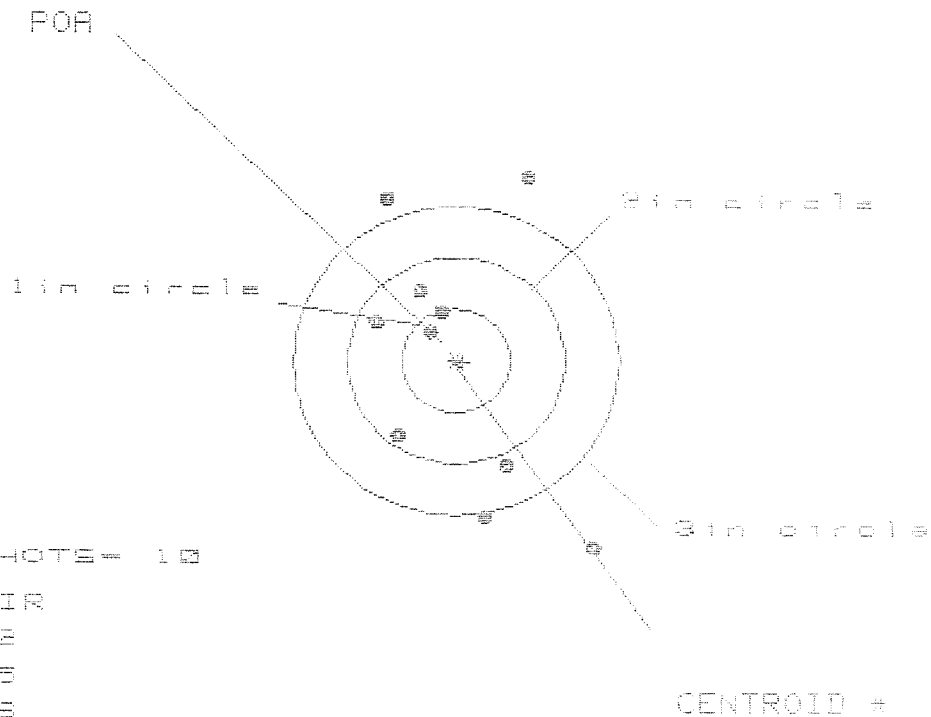
CENTROID +>

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	1.891
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

1in = 2

2in = 5

3in = 6

CE = 1.995

VE = 3.656

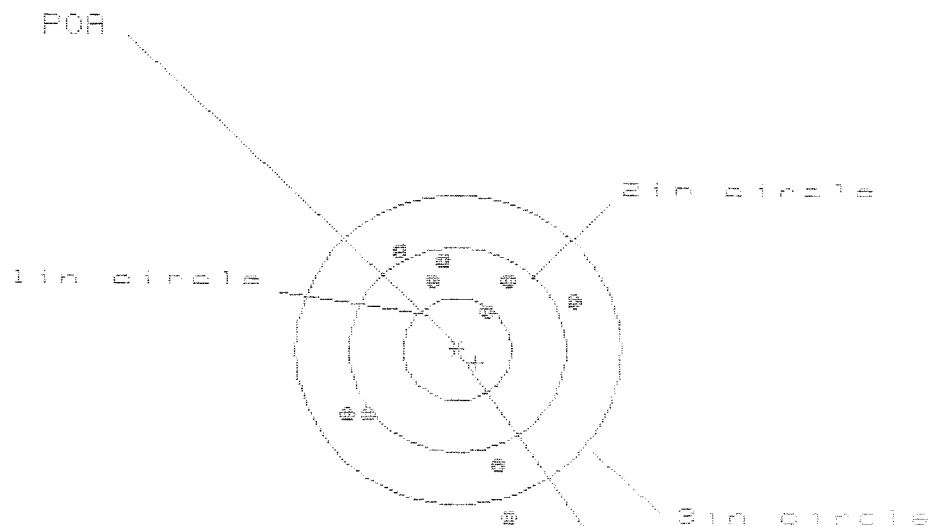
GE = 3.889

PATTERN #	1	2	3
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	-1.546
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	3.267
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		6	

B May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225319

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HSE = 2.577

VSE = 2.568

GSE = 2.754

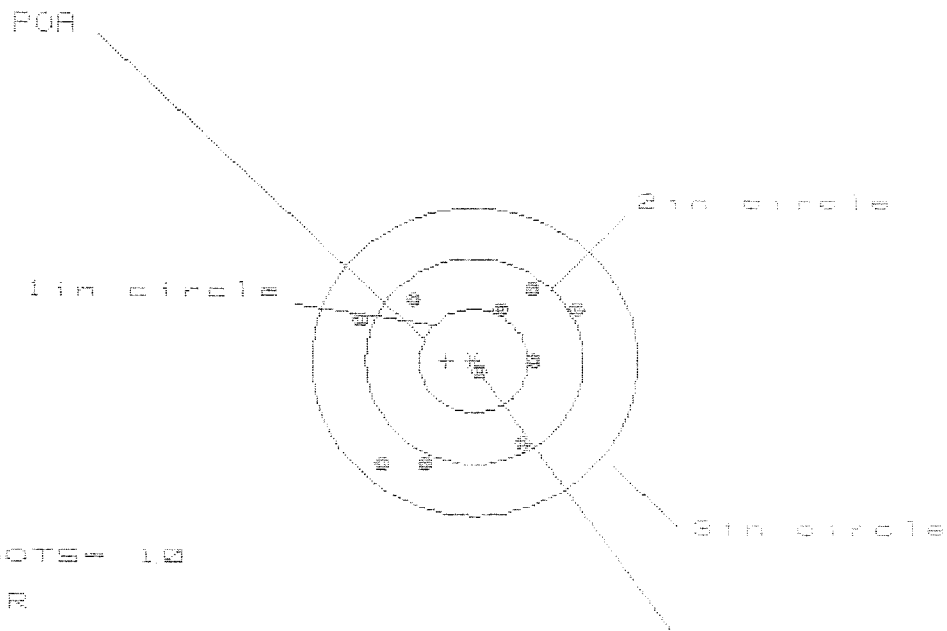
CENTROID

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.966	1.122	1.181
MINIMUM X	-1.011	-.955	-.896
MAXIMUM Y	.942	.762	.682
MINIMUM Y	-1.618	-1.283	-.987
CENTROID X	-.173	-.229	-.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

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	1.586
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		