

06349149

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

RECEIVED REMINGTON REPORT

COMMENTS

ORDER
R 96-20348

INITIAL
FPS

CUSTOMER ORDER NO.

W/BI-POD
M-24 SWS

DATE RECEIVED
09/13/96

DATE OPENED
09/13/96

DATE CODE
EJ 10-89

SERIAL NUMBER
C6349149

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

HARD CASE

SCOPE BASE

FROM:

U.S. ARMY
2/5 SFG (A)
BLDG 3213
FT CAMPBELL

KY 42223

SHIP TO:

U.S. ARMY
2/5 SFG (A)
BLDG 3213
FT CAMPBELL

KY
42223

CUST NO: 149382 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

☐

PRGM. 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

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

W52H096 295H 243

PARTS

COMMENTS

Barrel

96003

Repowder Coat Trigger
Guard ASSY Front +
Rear Sight Bases

ReZinc Scope Base + Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400108855

DA FORM 2407 AUG 88

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)				
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG												
SECTION I - EQUIPMENT DATA												
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION			
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION 2/5 SFG (A)			B. LOCATION BLDG # 3213 FT CAMPBELL, KY 42223			C. UNIT IDENT CODE WTRKRS WTRKRS DO				
2. SERIAL NO. SC/N 910543 66349149		3. NOUN NOMENCLATURE SNIPER WPN SYS 7.62 MM			4. LINE NO.		5. MODEL M 24		6. NATIONAL STOCK NUMBER 1005-01-240-2136			
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. VCSR ITEM		9B. ERC		9C. PACING ITEM		
14. FAILURE DETECTED DURING (Select one - use ✓ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X)						
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 058 Inoperative		☐ 258 Overheating		
☐ B Handling		☐ D Normal Op		☐ F Inspection		☒ H Other		☐ 008 Noisy		☐ 387 Low Performance		
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). WTRKRS SURPASSED TEN THOUSAND ROUNDS SHOT THROUGHOUT EFFECT												
B. REMARKS												
SECTION II - WORK ACCOMPLISHED												
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE				18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ✓ or X)				
B. LOCATION								☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				
20A. ACT. CODE		B. FAILURE CODE		C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)		E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	
				(1) CB CODE (2) REF DESIGN. (3) MFR. CODE							G. QTY.	
											H. PARTS COST	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
				I. TOTAL MANHOURS				J. TOTAL MANHOURS COST		K. TOTAL PARTS COST		
								\$		\$		
21. DELAY (Select One)												
☐ 1 Parts		☐ 2 Manpower		☐ 3 Facilities		☐ 4 Funds		☐ 5 Tools		22. Data Transcribed		
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)		
										☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged		
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE				

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

ORGANIZATION COPY 4

21 DAY TURN - AROUND

Barrel

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6349149

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>9/19/96</i>	<i>RW</i>
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>10/15/96</i>	<i>AT</i>
655	FINAL INSPECT	<i>10/18/96</i>	<i>RW</i>
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6349/49

DATE REC'D: 9/13/96

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 DISTANCE CALCULATIONS
FOR RIFLE # C6349149
3 Jan 1900

CENTROIDAL DISTANCES

0 TO 1	.240902
1 TO 2	.482029
1 TO 3	.279145
1 TO 4	.392237
1 TO 5	.0678012

23
P4 <----POR

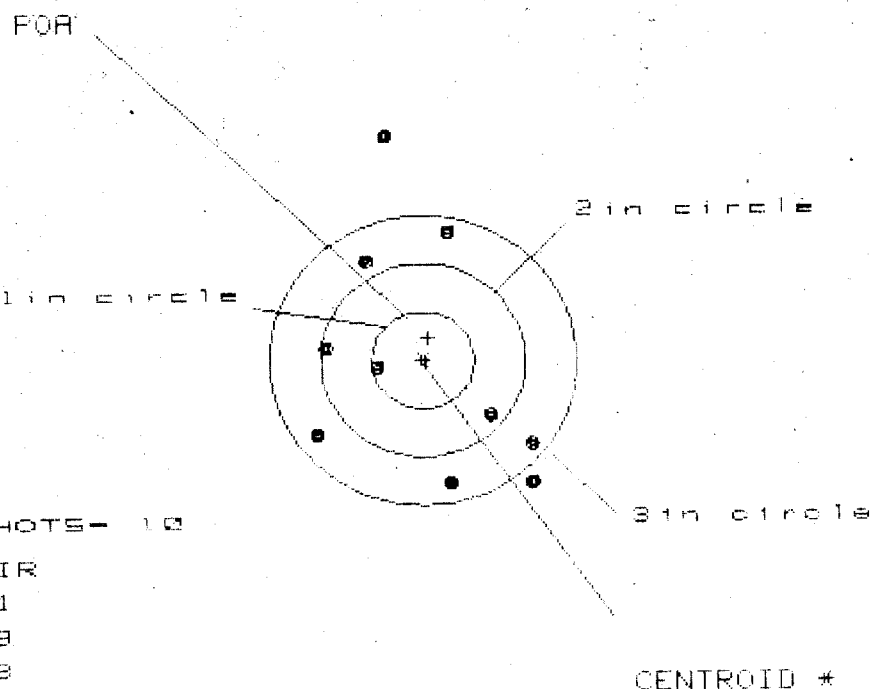
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0324
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1222
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126422

THE AMR FOR THIS RIFLE IS: 1.072

2 Jan 1908

FILE: PATTERNING/CENTERFIRE_PATT/08349149

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 2.161

VS= 3.639

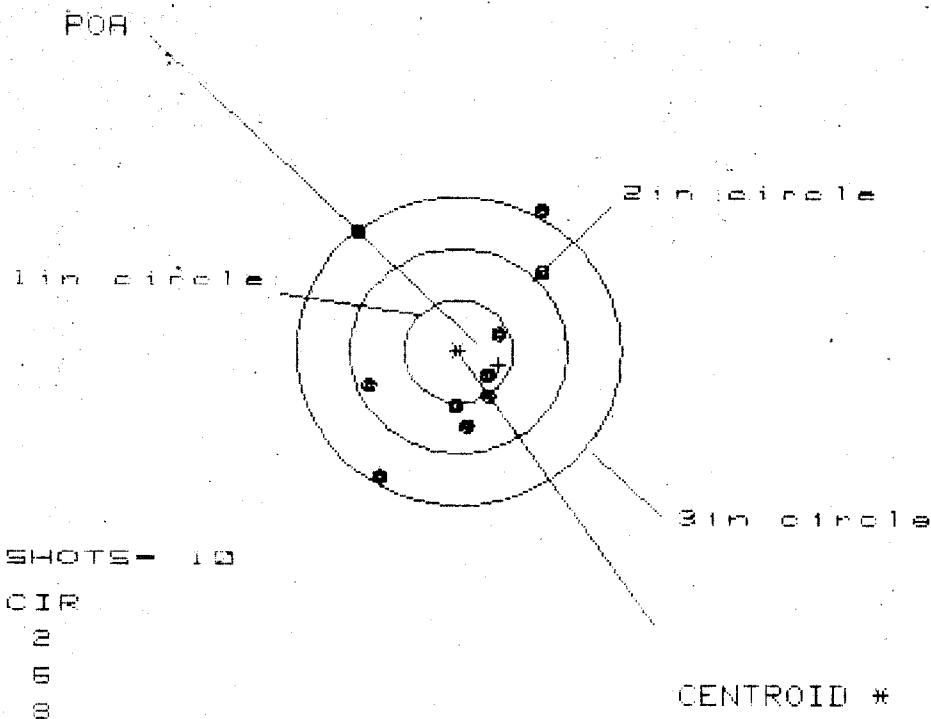
GS= 3.901

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.101	1.067	1.147
MINIMUM X	:	-1.060	-1.094	-.961
MAXIMUM Y	:	2.325	1.586	1.454
MINIMUM Y	:	-1.314	-1.056	-1.118
CENTROID X	:	-.053	-.019	-.152
CENTROID Y	:	-.235	-.493	-.361
FOR TO CENTROID in.	:	.240	.493	.392
MIN RADIUS	:	.489	.556	.392
MEAN RADIUS	:	1.298	1.152	1.092
MAX RADIUS	:	2.345	1.603	1.500
HORIZONTAL SPREAD	:	2.161	2.161	2.108
VERTICAL SPREAD	:	3.639	2.642	2.572
EXTREME SPREAD	:	3.901	2.913	2.572
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/05349149

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 1.709

VS= 2.543

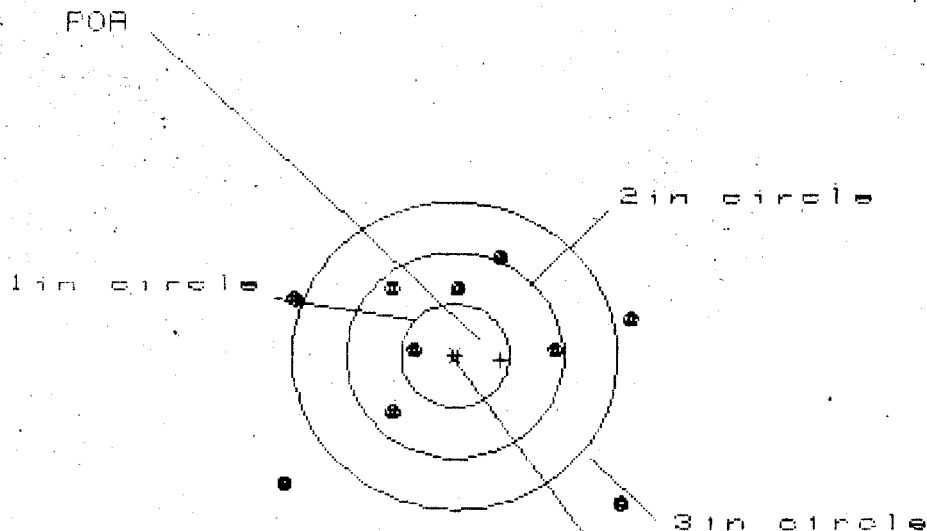
GS= 2.934

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.788	.872	.767
MINIMUM X	-.921	-.837	-.651
MAXIMUM Y	1.346	1.342	1.047
MINIMUM Y	-1.197	-1.048	-.860
CENTROID X	-.369	-.453	-.348
CENTROID Y	.129	-.020	-.188
POA TO CENTROID in.	.391	.453	.396
MIN RADIUS	.391	.360	.201
MEAN RADIUS	.893	.793	.627
MAX RADIUS	1.542	1.582	1.298
HORIZONTAL SPREAD	1.709	1.709	1.618
VERTICAL SPREAD	2.543	2.390	1.927
EXTREME SPREAD	2.934	2.441	2.441
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349149

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 6

HS= 3.293

VS= 2.445

GS= 3.638

CENTROID *

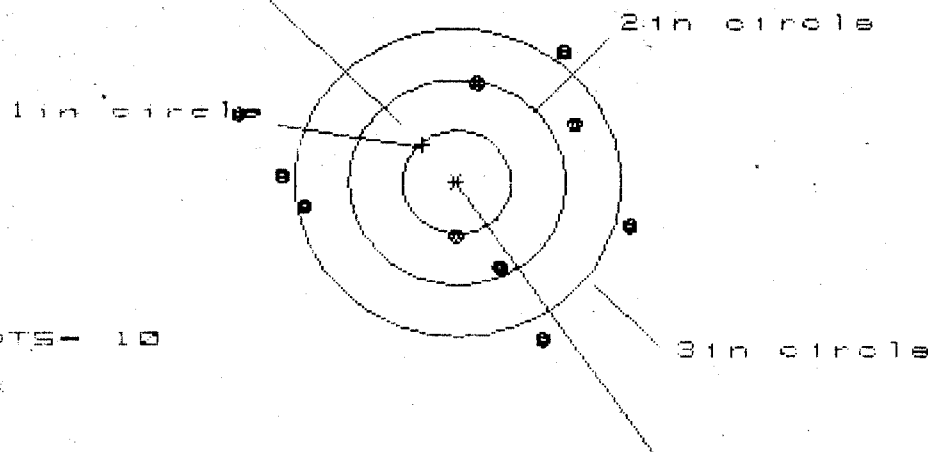
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.670
MINIMUM X	-1.623
MAXIMUM Y	.990
MINIMUM Y	-1.455
CENTROID X	-.421
CENTROID Y	.044
POA TO CENTROID in.	.423
MIN RADIUS	.413
MEAN RADIUS	1.206
MAX RADIUS	2.101
HORIZONTAL SPREAD	3.293
VERTICAL SPREAD	2.445
EXTREME SPREAD	3.638
NUMBER IN ONE INCH CIRCLE	= 1
NUMBER IN TWO INCH CIRCLE	= 5
NUMBER IN THREE INCH CIRCLE	= 6

2 Jan 1900

FILE: PATTERNING/CENTERFIRE_PATT/C8349149

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 5

HS= 3.524

VS= 2.790

GS= 3.686

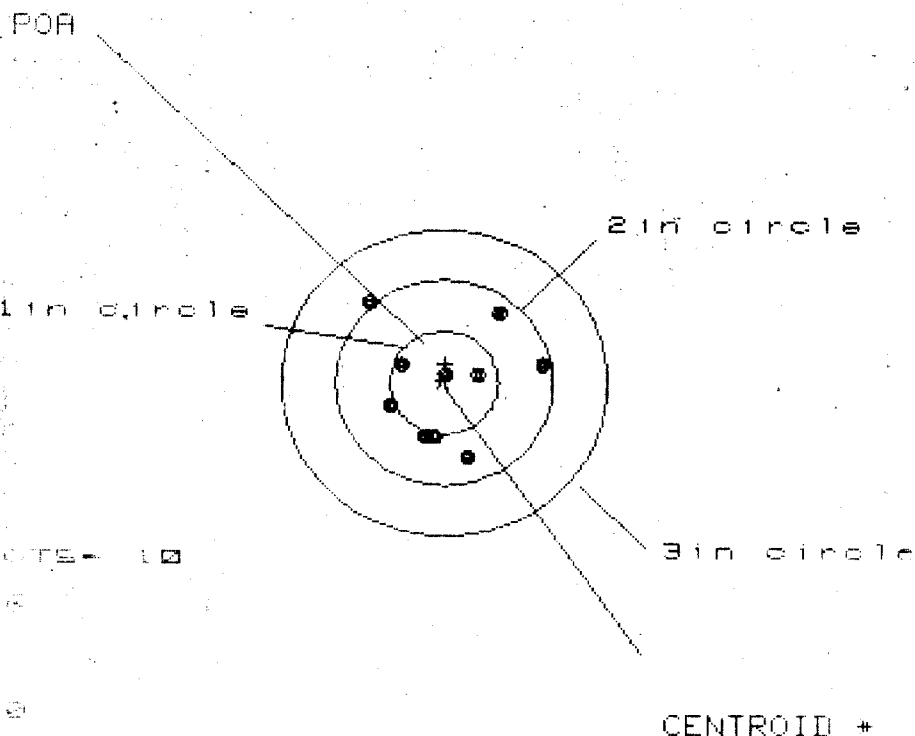
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.547	1.327	1.402
MINIMUM X	-1.977	-1.849	-1.774
MAXIMUM Y	1.275	1.346	1.165
MINIMUM Y	-1.515	-1.444	-.915
CENTROID X	.316	.536	.461
CENTROID Y	-.368	-.439	-.258
POA TO CENTROID in.	.486	.693	.528
MIN RADIUS	.536	.516	.662
MEAN RADIUS	1.369	1.261	1.226
MAX RADIUS	2.076	1.854	1.775
HORIZONTAL SPREAD	3.524	3.176	3.176
VERTICAL SPREAD	2.790	2.790	2.080
EXTREME SPREAD	3.686	3.217	3.217
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

2 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06349149

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 4

2in - 9

3in - 10

HS- 1.598

VS- 1.480

GS- 1.778

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.863	.781	.496
MINIMUM X	:	-.735	-.584	-.487
MAXIMUM Y	:	.756	.721	.751
MINIMUM Y	:	-.724	-.640	-.610
CENTROID X	:	-.012	.070	-.027
CENTROID Y	:	-.181	-.265	-.295
POA TO CENTROID in.	:	.181	.274	.296
MIN RADIUS	:	.071	.160	.185
MEAN RADIUS	:	.595	.542	.496
MAX RADIUS	:	1.055	.824	.900
HORIZONTAL SPREAD	:	1.598	1.365	.983
VERTICAL SPREAD	:	1.480	1.361	1.361
EXTREME SPREAD	:	1.778	1.424	1.380
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	

GUN SERIAL # C6349149

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10 1689		FB
618	Polish Barrel RB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/89	WB

op. #	OP. NAME	READINGS				DATE	INIT	
625 cont.	F) Safety On Force	4	4	4		11/1/89	JP	
	G) Safety Off Force	3	4	3		11/1/89	JP	
	H) Trigger Pull Test & Retainability					11/1/89	WB	
	I) Firing Pin Indent	.0225	.022	.022		11/1/89	JP	
	J) Assemble Stock					11/1/89	RW	
	K) Assemble Swivel Studs					11/1/89	JP	
	L) Attach Front and Rear Sight Assemblies					11/1/89	RW	
	M) Iron Sight Alignment					11/1/89	RW	
	N) Detach Front & Rear Sights & place in numbered container					11/1/89	RW	
	O) Attach Scope to Rifle					11/2/89	JP	
	P) Detach & Attach Scope 20 Times					11/2/89	JP	
640	Gallery Target & Test					11-6-89	AC	
	A) Time					11-6-89	AC	
	B) Malfunctions					11-6-89	AC	
	C) Pierced Primers					11-6-89	AC	
	D) Optical Clarity of Scope					11-6-89	AC	
645	Inspect for Live Ammo					11-6-89	AC	
655	Final Inspection							
	A) Headspace					7 Nov 89	JP	
	B) Trigger Pull	227	210	216	214	222	7 Nov 89	JP
	C) Function						7 Nov 89	JP
660	Pack						14 Dec 89	JP

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349149

DATE 4-6-90

TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.41	2.37	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.26	2.53	
PULL #3	2.38	2.17	2.52	
PULL #4	2.37	2.38	2.47	
PULL #5	2.37	2.28	2.50	
TOTAL	11.91	11.46	12.53	
AVG.	2.38	2.29	2.51	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.22	3.31	
PULL #2	3.06	3.18	
PULL #3	3.25	3.29	
PULL #4	3.28	3.24	
PULL #5	3.30	3.32	
TOTAL	16.11	16.34	
AVG.	3.22	3.26	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.15		
PULL #2	4.22	4.15		
PULL #3	4.28	4.20		
PULL #4	4.32	4.15		
PULL #5	4.32	4.20		
TOTAL	21.37	20.85		
AVG.	4.27	4.17		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349149
6 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.211936
1 TO	2	.440845
1 TO	3	.188521
1 TO	4	.188241
1 TO	5	.188733

0.003

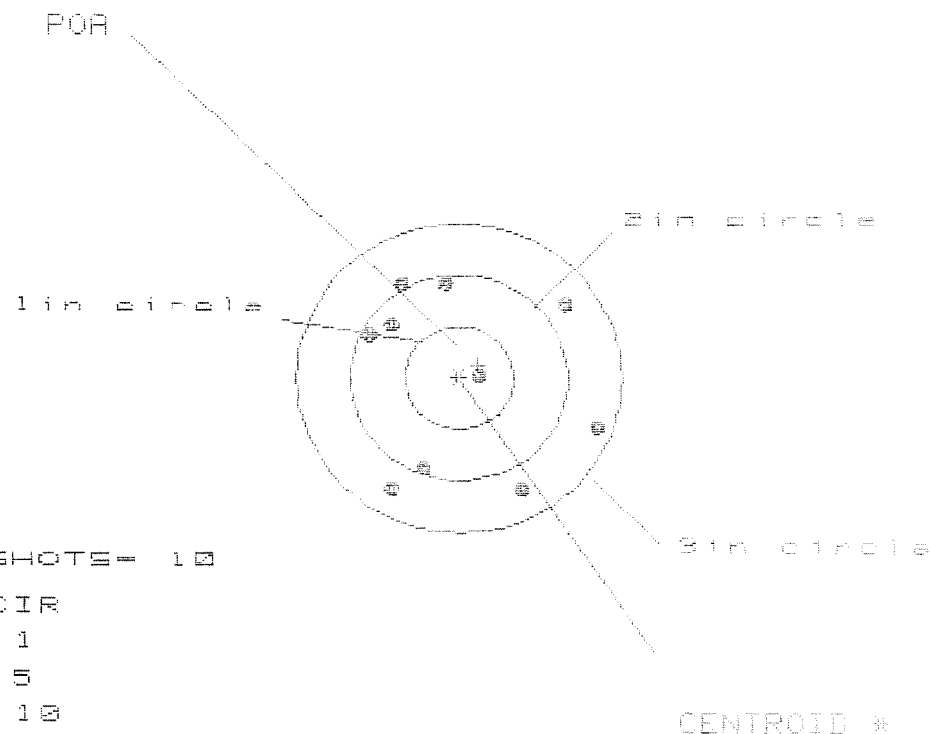
-----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1554
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .25597
THE AMR FOR THIS RIFLE IS: .9596

6 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349149

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 0.000

VS = 0.010

GS = 0.370

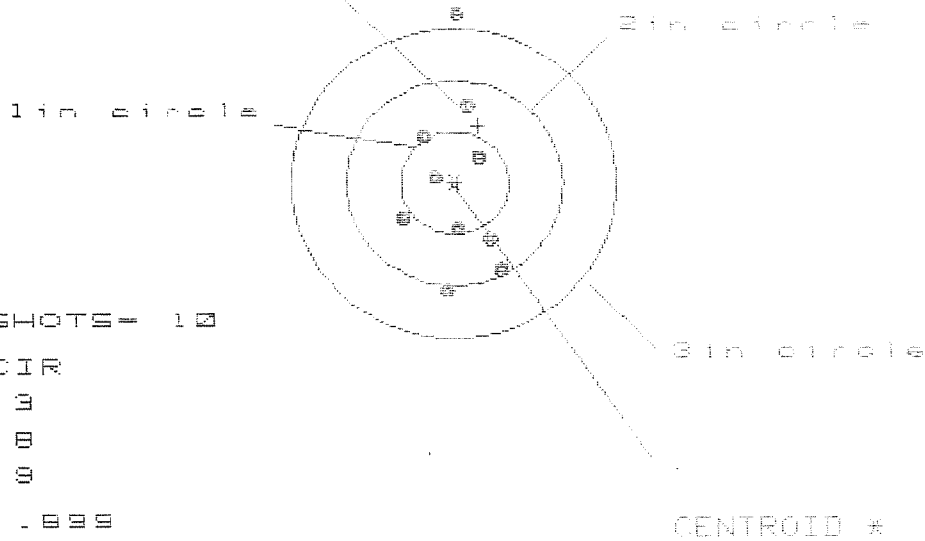
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.228	1.101	1.043
MINIMUM X	-0.861	-0.725	-0.783
MAXIMUM Y	.938	.888	.750
MINIMUM Y	-1.080	-1.130	-1.268
CENTROID X	-0.174	-0.310	-0.252
CENTROID Y	-0.121	-0.071	.067
FOR TO CENTROID in.	.212	.318	.261
MIN RADIUS	.214	.351	.337
MEAN RADIUS	.971	.922	.868
MAX RADIUS	1.308	1.327	1.420
HORIZONTAL SPREAD	2.089	1.825	1.925
VERTICAL SPREAD	2.018	2.018	2.018
EXTREME SPREAD	2.370	2.370	2.272
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08349149

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= .899

VS= 2.708

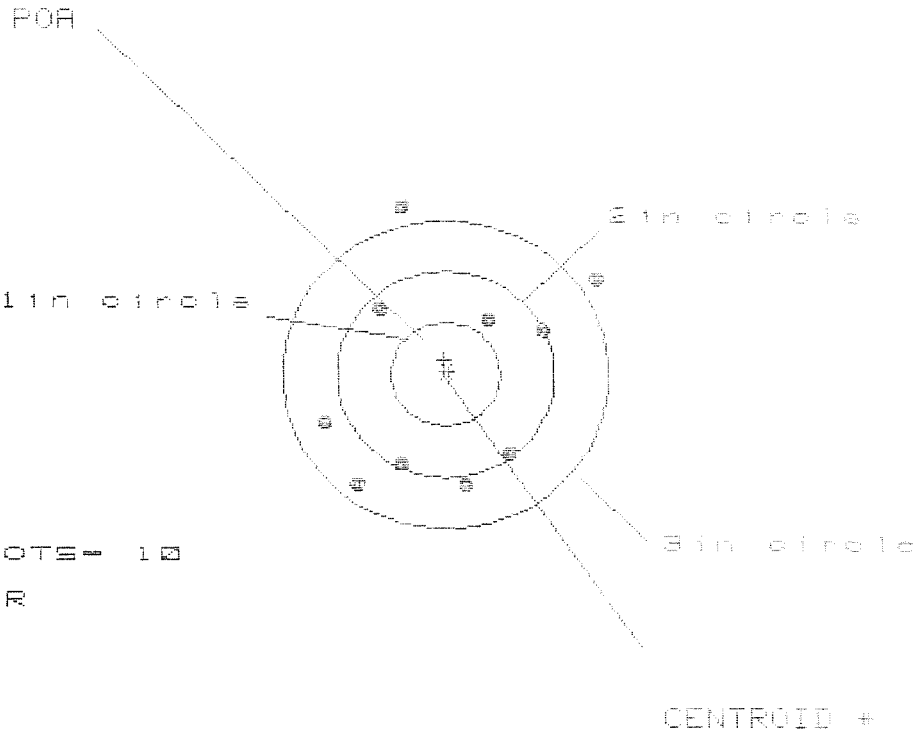
GS= 2.714

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.415	.422	.488
MINIMUM X	:	-.484	-.477	-.491
MAXIMUM Y	:	1.682	.975	.870
MINIMUM Y	:	-1.026	-.839	-.771
CENTROID X	:	-.224	-.231	-.217
CENTROID Y	:	-.559	-.746	-.641
FOR TO CENTROID in.	:	.602	.780	.677
MIN RADIUS	:	.212	.211	.249
MEAN RADIUS	:	.715	.589	.552
MAX RADIUS	:	1.683	.979	.873
HORIZONTAL SPREAD	:	.899	.899	.899
VERTICAL SPREAD	:	2.708	1.814	1.641
EXTREME SPREAD	:	2.714	1.825	1.674
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08349149

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.496

VS = 2.667

GS = 2.955

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.377	1.325	1.069
MINIMUM X	-1.119	-1.171	-1.005
MAXIMUM Y	1.632	1.090	.920
MINIMUM Y	-1.035	-0.853	-0.717
CENTROID X	.014	.006	-.100
CENTROID Y	-.135	-.317	-.453
POA TO CENTROID in.	.136	.323	.464
MIN RADIUS	.639	.774	.625
MEAN RADIUS	1.135	1.054	.945
MAX RADIUS	1.696	1.716	1.283
HORIZONTAL SPREAD	2.496	2.496	2.014
VERTICAL SPREAD	2.667	1.943	1.637
EXTREME SPREAD	2.955	2.955	2.307
NUMBER IN ONE INCH CIRCLE =	0	4	8
NUMBER IN TWO INCH CIRCLE =			
NUMBER IN THREE INCH CIRCLE =			

5 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08848049

CENTERFIRE PATTERNS

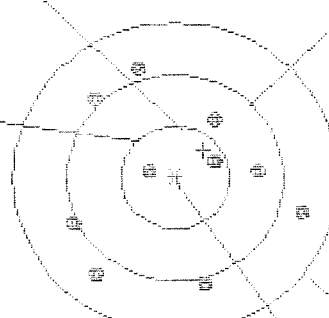
4

POA

1 in circle

2 in circle

3 in circle



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS = 2.167

VS = 2.123

GS = 2.229

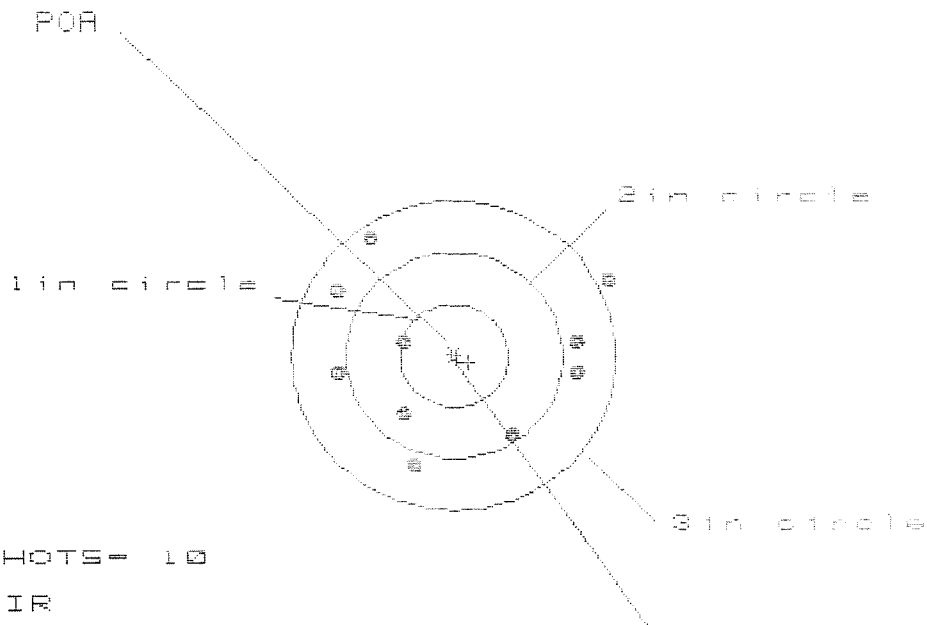
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.200	.923	.850
MINIMUM X	:	-.967	-.833	-.906
MAXIMUM Y	:	1.082	1.044	.923
MINIMUM Y	:	-1.041	-1.079	-1.200
CENTROID X	:	-.261	-.395	-.322
CENTROID Y	:	-.265	-.227	-.106
POA TO CENTROID in.	:	.372	.456	.399
MIN RADIUS	:	.276	.138	.210
MEAN RADIUS	:	.891	.840	.787
MAX RADIUS	:	1.247	1.163	1.253
HORIZONTAL SPREAD	:	2.167	1.756	1.756
VERTICAL SPREAD	:	2.123	2.123	2.123
EXTREME SPREAD	:	2.229	2.216	2.216
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Nov 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C8349149

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.544

VS= 2.167

GS= 2.688

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.470
MINIMUM X	-1.074
MAXIMUM Y	1.102
MINIMUM Y	-1.065
CENTROID X	-0.132
CENTROID Y	0.063
POA TO CENTROID in.	0.147
MIN RADIUS	0.443
MEAN RADIUS	1.086
MAX RADIUS	1.659
HORIZONTAL SPREAD	2.544
VERTICAL SPREAD	2.167
EXTREME SPREAD	2.688
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	9




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

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

MODEL 700™ H24

SERIAL NO.
D6349149

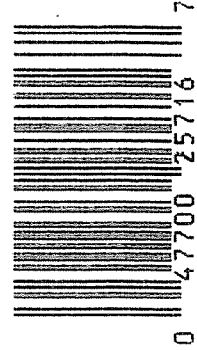
ORDER NO.
5716

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



5716 D6349149

UPC



0 47700 25716 7

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: RE00153043

Serial: G6349149 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 11/05/2003

Repairman:

Status: Closed 10/9/2008 10:13:48 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: GSC 7TH SFG

GSC 7TH SFG

Address 1: BLDG E-3928 77TH SFWAY

BLDG E-3928 77TH SFWAY

Address 2: PO Box:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC Zip Code: 28310

Country: US

State: NC Zip Code: 28310

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
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/14/2008

9:46 AM

CAPS

NUM

INS

SCRL



C



6349149

Model: M24 SWS



RE00153043

IA-24 INSPECTION CHECKLIST
CONTRACT # DAAE-20-02-C-0145

WORK ORDER: 153043
SERIAL NUMBER: C6349149
DATE: 10-9-08

OPERATION #	OPERATION NAME	DATE	INITIAL
570	DIS-ASSEMBLE GUN	10-20-08	RTZ
580	RE-BARREL	10-21-08	RTZ
580	ASSEMBLE	10-21-08	RTZ
600	PROOF	10-21-08	SP
605	CHECK HEADSPACE	10-21-08	SP
610	DIS-ASSEMBLE GUN	10-21-08	SP
612	MAGNAFLUX	10-24-08	SP
510	DRILL AND TAP	10-22-08	SP
615	ROLLMARK CALIBER	10-24-08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-29	C
625	FINAL ASSEMBLY	11-3-08	RTZ
640	FUNCTION TEST AND	PASS FAIL 11-4-08	TC
650	TARGET	PASS FAIL 11-4-08	TC
	MALFUNCTION BAC	CORRECTION 11-4-08	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	11-4-08 SP
670	FINAL INSPECTION		11-5-08 SP
	A) HEADSPACE	PASS FAIL 11-5-08	SP
	B) TRIGGER PULL	2.52 2.55 2.59 2.59 2.78 11-4-08	TC
	F. SAFETY ON FORCE	4.0 4.0 5.0 11-5-08	SP
	G. SAFETY OFF FORCE	4.0 4.0 4.0 11-5-08	SP
	H. FIRING PIN INDENT	.023 .023 .023 11-5-08	SP
690	PACK		11/6/08 FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349149.___0
FILE DATE AND TIME: 11/04/2008 16:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.045
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.051
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.163
The Distance from Centroid Target #2 to Centroid Target #1:	0.142
The Distance from Centroid Target #3 to Centroid Target #1:	0.106
The Distance from Centroid Target #4 to Centroid Target #1:	0.046
The Distance from Centroid Target #5 to Centroid Target #1:	0.284

SERIAL NUMBER: C6349149. __0

TARGET NUMBER: 1

FILE DATE: 11/04/2008

FILE TIME: 16:28

POINT#	X	Y
1:	-0.194	1.457
2:	-0.195	-0.907
3:	-0.562	0.456
4:	-0.323	0.478
5:	0.003	-0.501
6:	-0.163	-0.285
7:	0.169	-0.042
8:	0.147	0.183
9:	-0.031	0.207
10:	-0.088	0.023

X CENTROID: -0.124

Y CENTROID: 0.107

POA TO CENTROID: 0.163

HORZ SPREAD: 0.731

VERT SPREAD: 2.364

GROUP SPREAD: 2.364

MIN RADIUS: 0.091

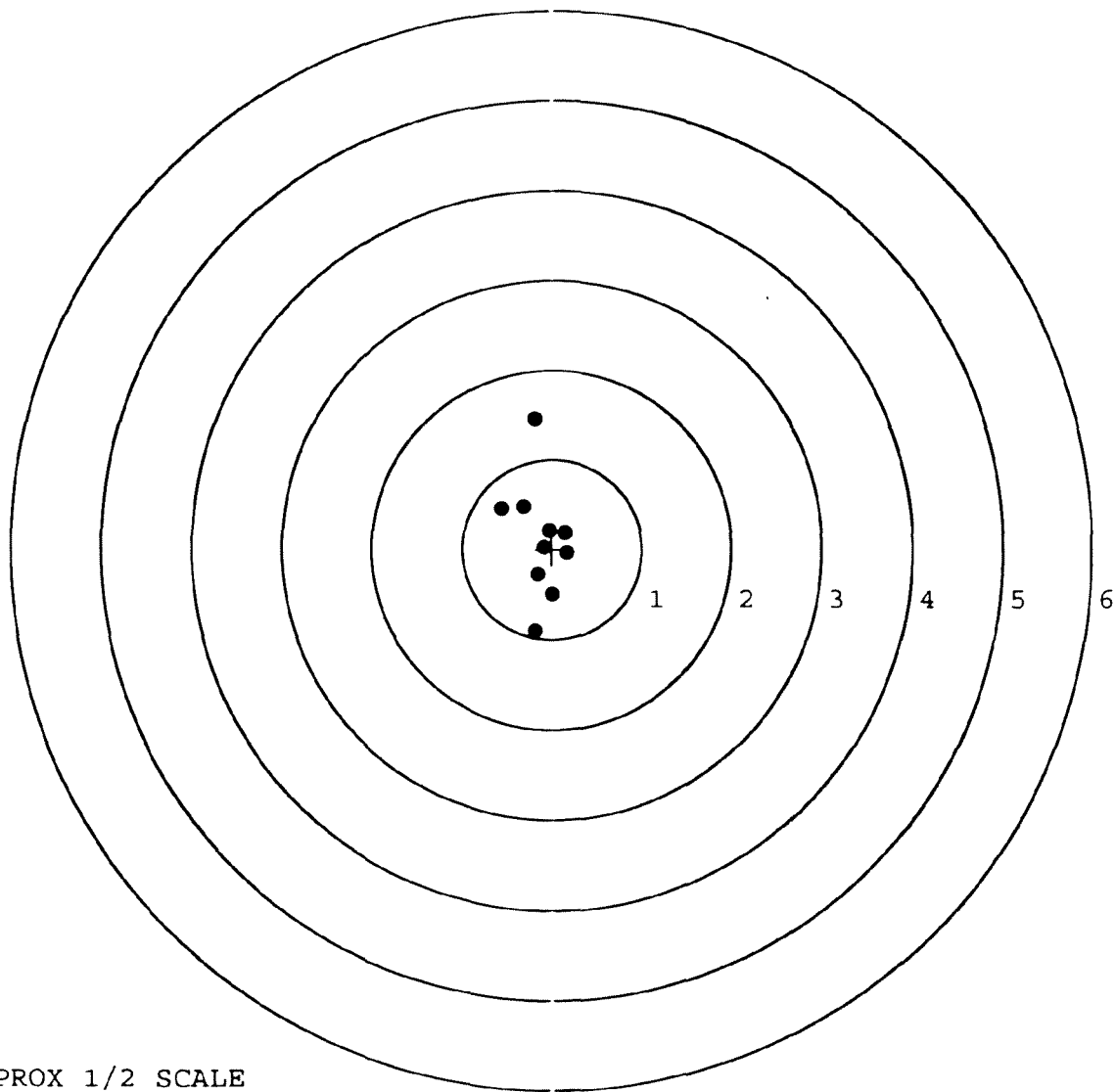
MAX RADIUS: 1.352

MEAN RADIUS: 0.520

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

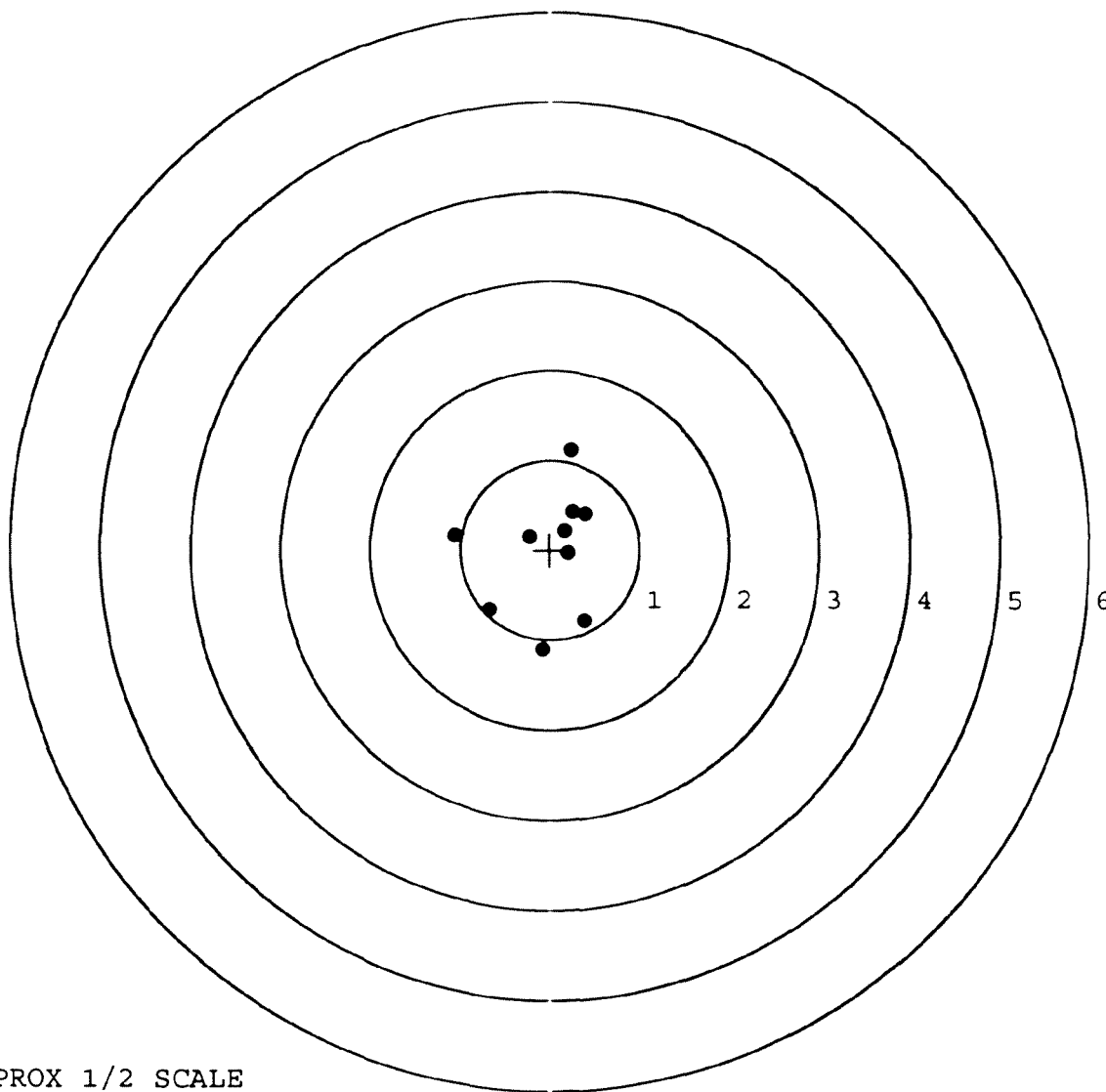


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349149. __0
TARGET NUMBER: 2
FILE DATE: 11/04/2008
FILE TIME: 16:28

POINT#	X	Y
1:	0.239	1.117
2:	-1.064	0.162
3:	-0.679	-0.663
4:	-0.084	-1.114
5:	0.384	-0.787
6:	-0.232	0.152
7:	0.202	-0.038
8:	0.253	0.434
9:	0.387	0.409
10:	0.156	0.219

X CENTROID: -0.044
Y CENTROID: -0.011
POA TO CENTROID: 0.045
HORZ SPREAD: 1.451
VERT SPREAD: 2.231
GROUP SPREAD: 2.254
MIN RADIUS: 0.247
MAX RADIUS: 1.163
MEAN RADIUS: 0.704
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349149. __0

TARGET NUMBER: 3

FILE DATE: 11/04/2008

FILE TIME: 16:28

POINT#	X	Y
1:	-0.456	-1.148
2:	-0.409	-0.876
3:	-0.888	0.877
4:	0.473	0.501
5:	0.685	0.308
6:	0.646	-0.217
7:	0.268	0.068
8:	-0.487	0.075
9:	-0.242	0.419
10:	-0.269	0.155

X CENTROID: -0.068

Y CENTROID: 0.016

POA TO CENTROID: 0.070

HORZ SPREAD: 1.573

VERT SPREAD: 2.025

GROUP SPREAD: 2.071

MIN RADIUS: 0.244

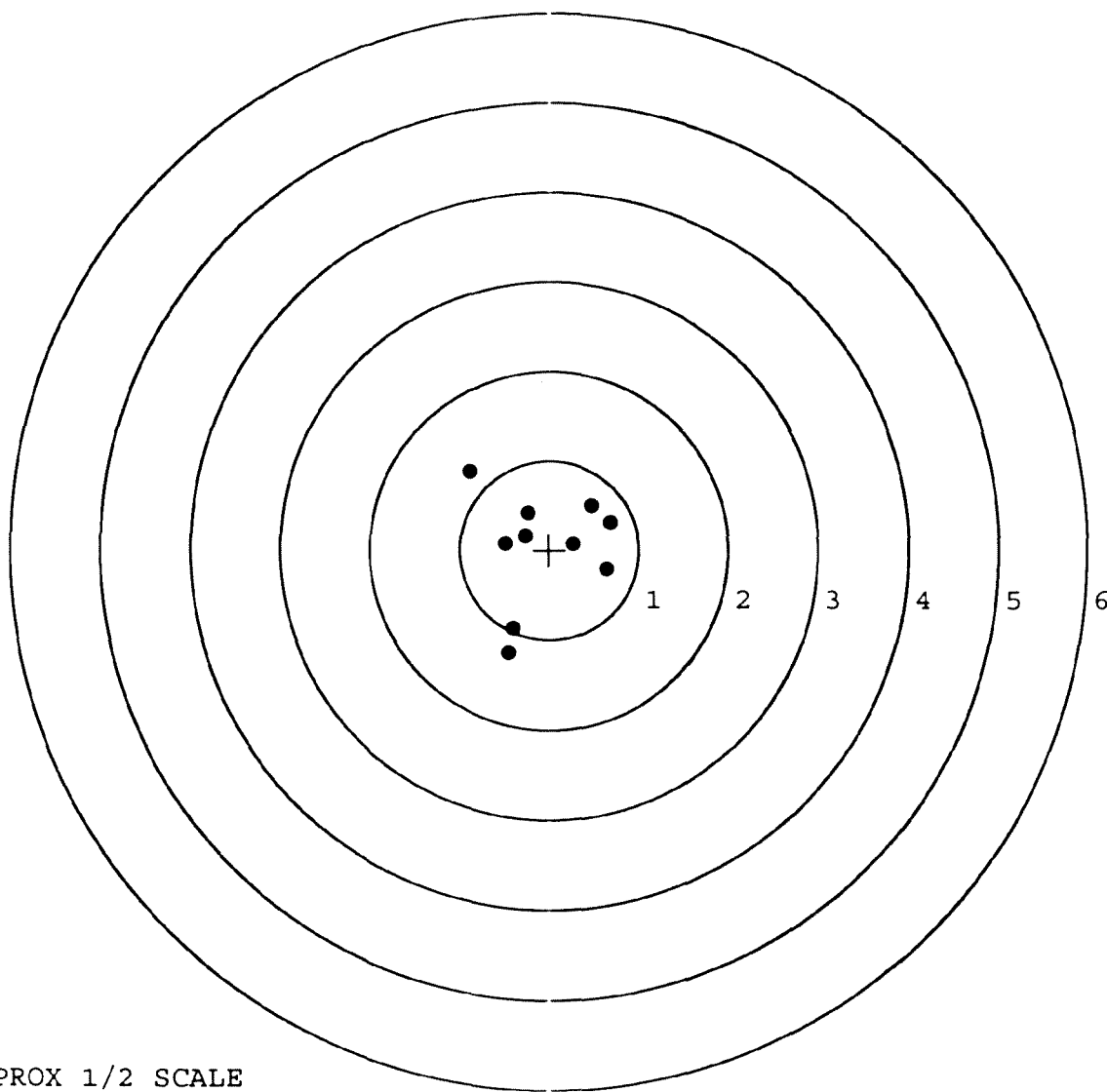
MAX RADIUS: 1.227

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349149. __0

TARGET NUMBER: 4

FILE DATE: 11/04/2008

FILE TIME: 16:28

POINT#	X	Y
1:	-0.710	-0.612
2:	-0.534	-0.286
3:	0.384	-0.682
4:	0.974	-0.187
5:	0.703	0.217
6:	-0.030	0.707
7:	-0.711	0.659
8:	-0.511	0.571
9:	-0.409	0.492
10:	0.008	-0.040

X CENTROID: -0.084

Y CENTROID: 0.084

POA TO CENTROID: 0.118

HORZ SPREAD: 1.685

VERT SPREAD: 1.389

GROUP SPREAD: 1.885

MIN RADIUS: 0.154

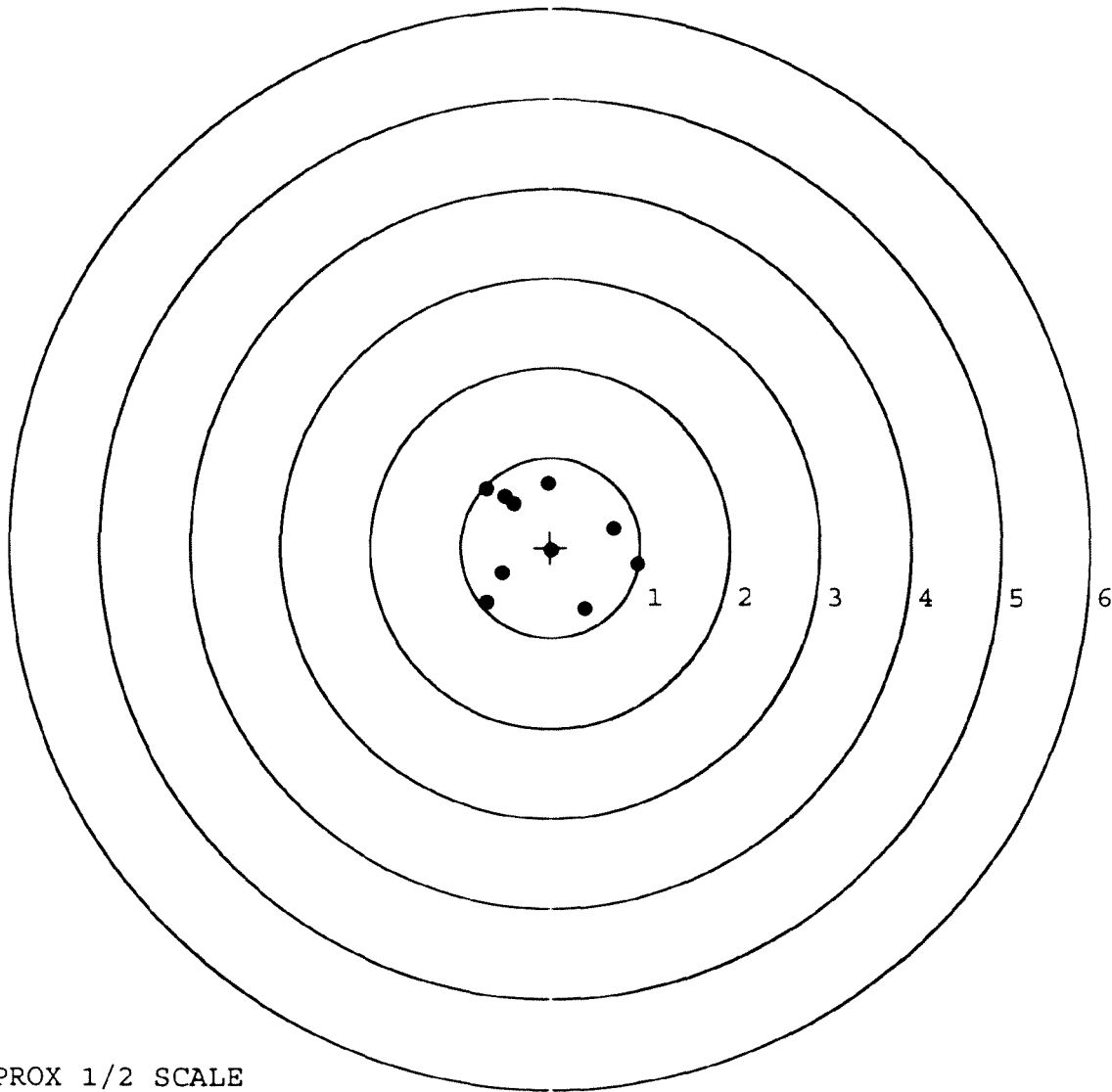
MAX RADIUS: 1.092

MEAN RADIUS: 0.711

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349149. __0

TARGET NUMBER: 5

FILE DATE: 11/04/2008

FILE TIME: 16:28

POINT#	X	Y
1:	-0.780	0.966
2:	0.396	0.971
3:	0.010	0.706
4:	-0.117	-0.843
5:	0.283	-0.834
6:	0.686	-0.499
7:	0.490	-0.474
8:	0.353	-0.515
9:	-0.549	-0.336
10:	0.190	0.127

X CENTROID: 0.096

Y CENTROID: -0.073

POA TO CENTROID: 0.121

HORZ SPREAD: 1.466

VERT SPREAD: 1.814

GROUP SPREAD: 2.090

MIN RADIUS: 0.221

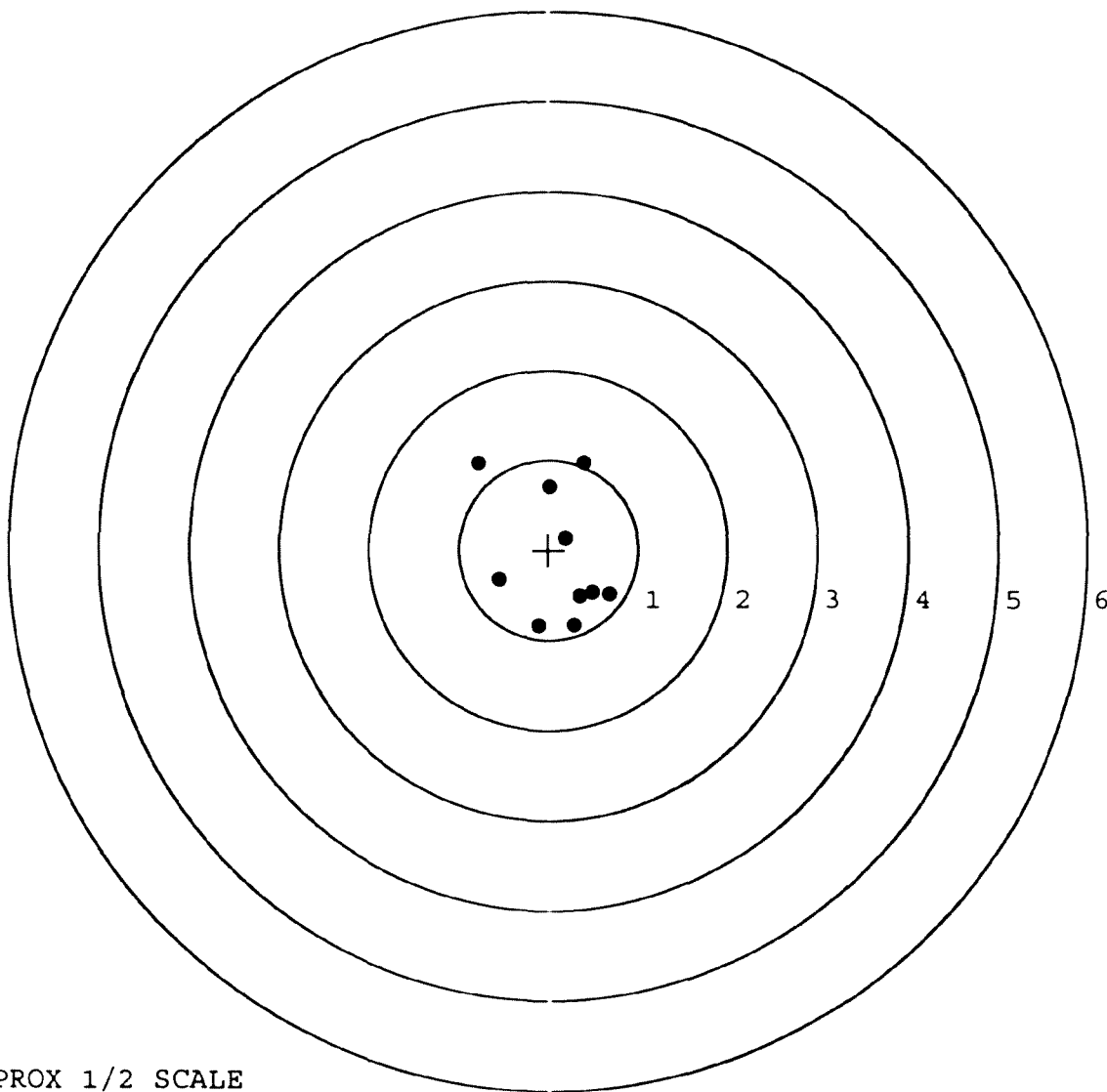
MAX RADIUS: 1.359

MEAN RADIUS: 0.753

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE