

06349149

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

BARBER - M24 0108816
IMATING 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
ACCESSORIES W/STUDS		HARD CASE		SCOPE BASE
MODEL AND GRADE 700 7.62		NATO		

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 ☐	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

W52H096 295H 243

PARTS	COMMENTS
Barrel 96003	Repowder Coat Trigger Guard ASSY Front + Rear Sight Bases Reticle Scope Base + Swivel Studs
REPAIRMAN RW	PROOF ✓
CLEAN ✓	TEST ✓
TARGET ✓	PATTERN ✓
GALLERY TESTER RW	DATE 9/19/96
DATE 10/15/96	DATE 10/15/96
DATE 10/15/96	DATE 10/15/96

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0108816 08855

#32 2175441

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG						PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)																																
SECTION I - EQUIPMENT DATA																																								
CONTROL NUMBER		WORK ORDER NO.				WESDC		ORG. PD		PD AUTHENTICATION																														
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION BP 2/5 SFG (A)				B. LOCATION BLDG # 3213 FT CAMPBELL, KY 42223				C. UNIT IDENT CODE WH05 DO WH05 DO																														
2. SERIAL NO. SC/N 890543 C6349149		3. NOUN NOMENCLATURE SWIFER VPN 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. MCSR ITEM	9B. ERC		9C. PACING ITEM		10. HOURS		11. MILES	12. ROUNDS	13. STARTS																										
14. FAILURE DETECTED DURING (Select one - use ✓ or X) <table border="1"><tr><td>A</td><td>Sch. Main.</td><td>C</td><td>Test</td><td>E</td><td>Storage</td><td>G</td><td>Flight</td></tr><tr><td>B</td><td>Handling</td><td>D</td><td>Normal Op</td><td>F</td><td>Inspection</td><td>H</td><td>Other</td></tr></table>						A	Sch. Main.	C	Test	E	Storage	G	Flight	B	Handling	D	Normal Op	F	Inspection	H	Other	15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X) <table border="1"><tr><td>068</td><td>Inoperative</td><td>258</td><td>Overheating</td><td>790</td><td>Out of Adjustment</td></tr><tr><td>008</td><td>Noisy</td><td>387</td><td>Low Performance</td><td>X</td><td>Other</td></tr></table>							068	Inoperative	258	Overheating	790	Out of Adjustment	008	Noisy	387	Low Performance	X	Other
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16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). WEAPON SURPASSED TEN THOUSAND ROUNDS SHOT THROUGH BARREL																																								
B REMARKS																																								
SECTION II - WORK ACCOMPLISHED																																								
17A. REPAIR ORGANIZATION/ACTIVITY						C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPISHING WORK (Select one - use ✓ or X) <table border="1"><tr><td>1</td><td>TOE</td><td>2</td><td>TD</td><td>3</td><td>Con-tractor</td></tr></table>				1	TOE	2	TD	3	Con-tractor	19. AMS ACCT. CODE																						
1	TOE	2	TD	3	Con-tractor																																			
B. LOCATION																																								
20A. ACT. CODE		B. FAILURE CODE		C. COMPONENT/PART NOUN, SVC, OR MWO NO. (1) CB CODE (2) REF DESIGN. (3) MFR. CODE			D. MANHOURS (Hrs. & tenths)		E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE		G. QTY.	H. PARTS COST																										
													\$																											
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21. DELAY (Select One) <table border="1"><tr><td>1</td><td>Parts</td><td>2</td><td>Manpower</td><td>3</td><td>Facilities</td><td>4</td><td>Funds</td><td>5</td><td>Tools</td></tr></table>						1	Parts	2	Manpower	3	Facilities	4	Funds	5	Tools	22. Data Transcribed																								
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23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One) <table border="1"><tr><td>A</td><td>To User</td><td>D</td><td>Evacuated</td></tr><tr><td>B</td><td>To Stock</td><td>E</td><td>Cannibalization</td></tr><tr><td>C</td><td>Salvaged</td><td></td><td></td></tr></table>				A	To User	D	Evacuated	B	To Stock	E	Cannibalization	C	Salvaged																	
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☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION 2/5 SFG (A)			B. LOCATION BLDG # 3213 FT CAMPBELL, KY 42223			C. UNIT IDENT CODE WTRK 5 WTRK 5 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		
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											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		
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										☐ 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

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

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>AL</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

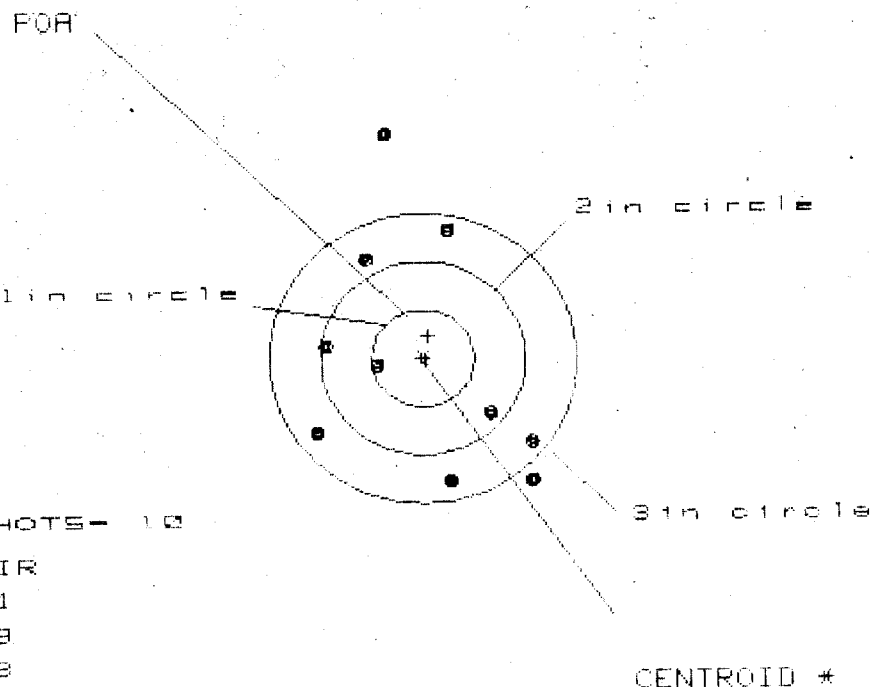
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0324
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1222
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126422

THE AMR FOR THIS RIFLE IS: 1.072

2 Jan 1908

FILE: PATTERNING/CENTERFIRE_PATT/08349149

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 8

HS = 2.161

VS = 3.639

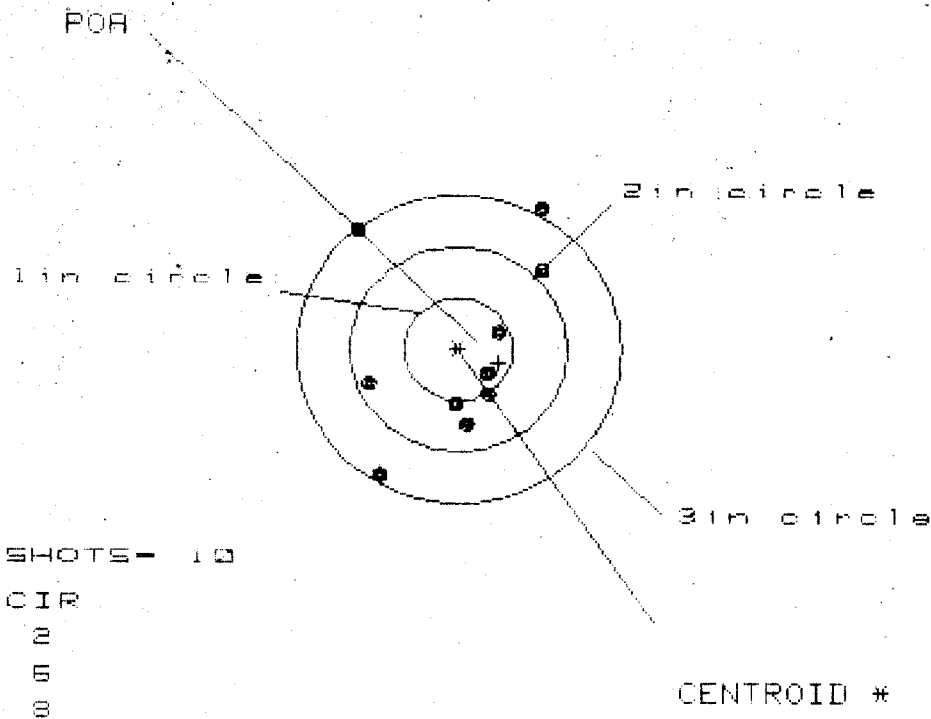
CS = 3.901

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	=		8	

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

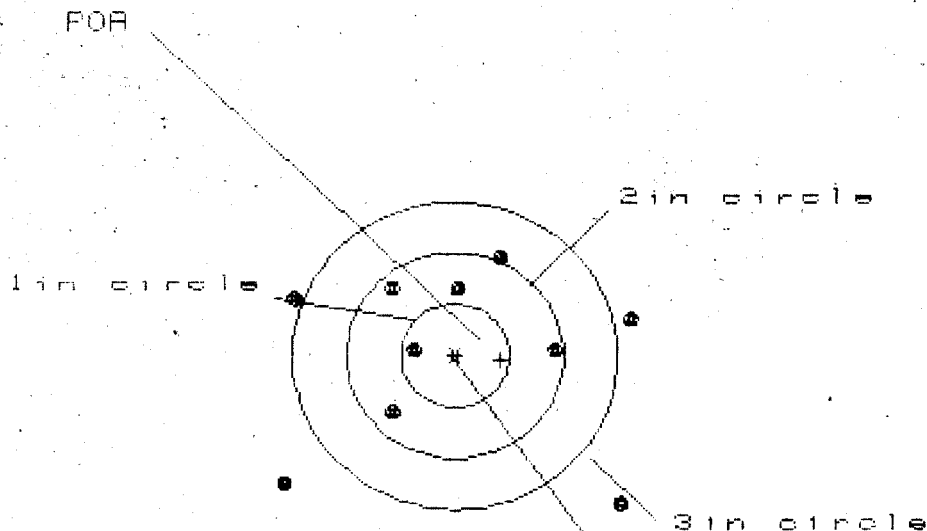
GS- 2.934

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

1 in = 1

2 in = 5

3 in = 6

HS= 3.293

VS= 2.445

GS= 3.638

CENTROID *

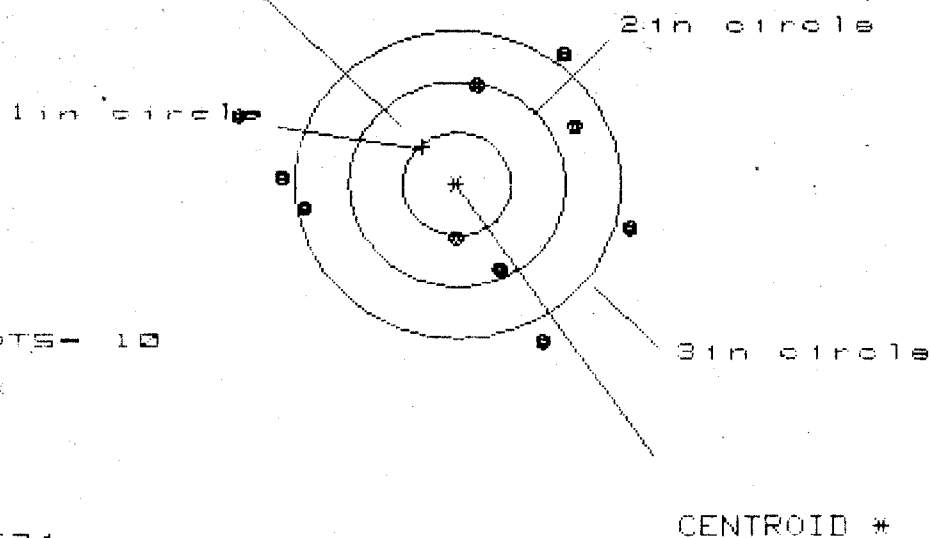
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.670
MINIMUM X	-1.623
MAXIMUM Y	.990
MINIMUM Y	-1.455
CENTROID X	-.421
CENTROID Y	.044
POA TO CENTROID in.	.423
MIN RADIUS	.413
MEAN RADIUS	1.206
MAX RADIUS	2.101
HORIZONTAL SPREAD	3.293
VERTICAL SPREAD	2.445
EXTREME SPREAD	3.638
NUMBER IN ONE INCH CIRCLE	1
NUMBER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

2 Jan 1900

FILE: PATTERNING/CENTERFIRE_PATT/C6349149

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 3

3 in - 5

HS - 3.524

VS - 2.790

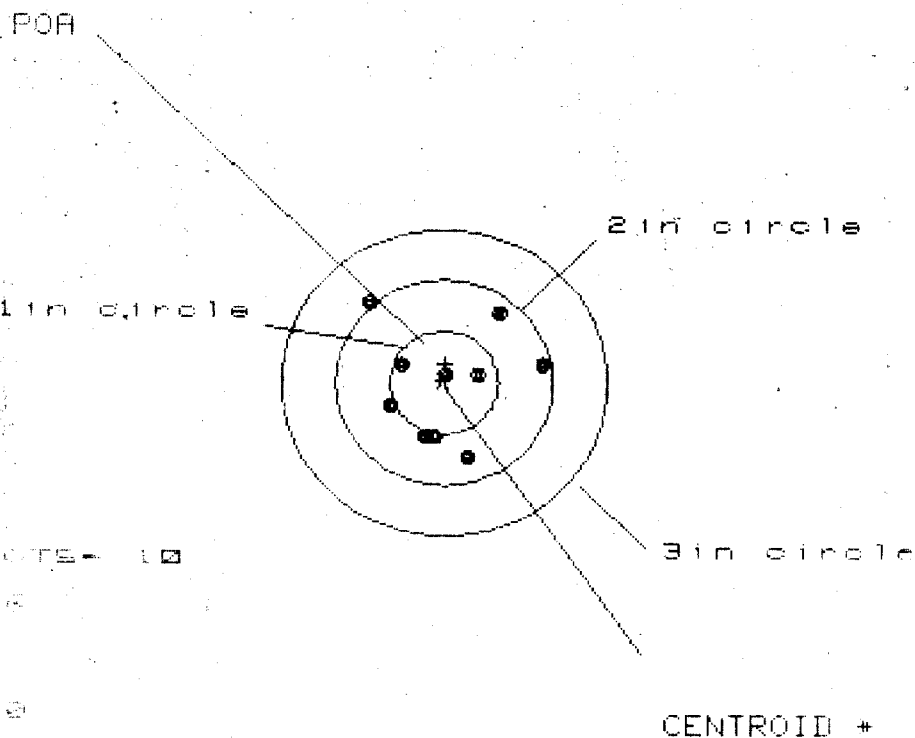
GS - 3.686

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

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

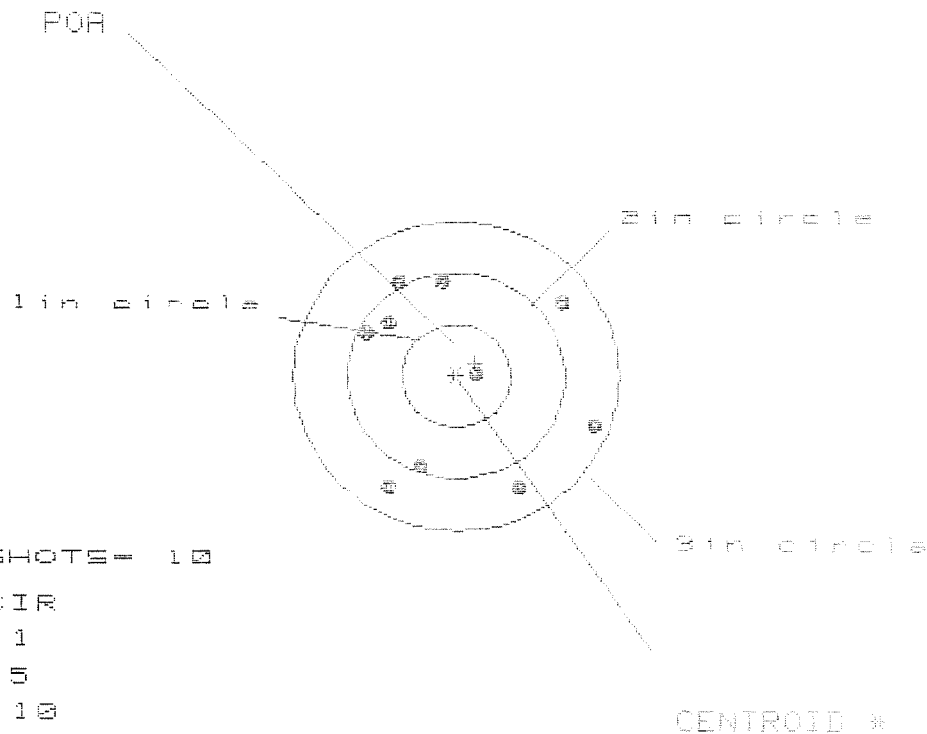
-----POB

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 = 2.0000

VS = 2.010

GS = 2.370

CENTROID *

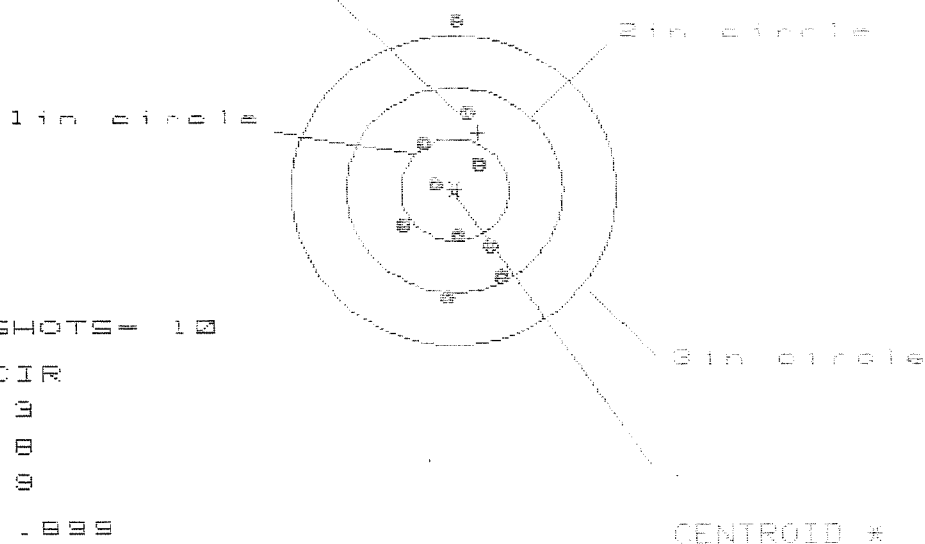
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.228	1.101	1.043
MINIMUM X	-.861	-.725	-.783
MAXIMUM Y	.938	.888	.750
MINIMUM Y	-1.080	-1.130	-1.268
CENTROID X	-.174	-.310	-.252
CENTROID Y	-.121	-.071	.067
POR TO CENTROID in.	.212	.318	.261
MIN RADIUS	.214	.351	.337
MEAN RADIUS	.971	.922	.868
MAX RADIUS	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

POR



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= .899

VS= 2.708

GS= 2.714

CENTROID *

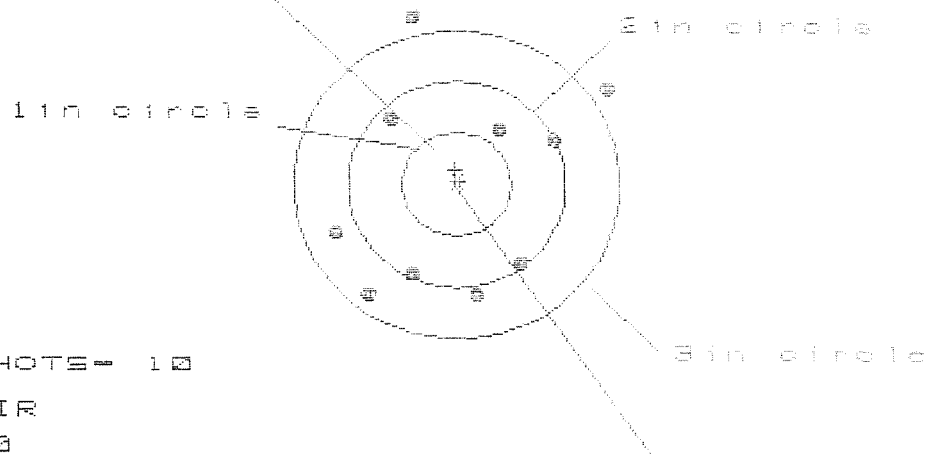
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.415	.422	.488
MINIMUM X	:	-.484	-.477	-.491
MAXIMUM Y	:	1.682	.975	.870
MINIMUM Y	:	-1.026	-.839	-.771
CENTROID X	:	-.224	-.231	-.217
CENTROID Y	:	-.559	-.746	-.641
POR TO CENTROID in.	:	.602	.780	.677
MIN RADIUS	:	.212	.211	.249
MEAN RADIUS	:	.715	.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/06349149

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.496

VS = 2.667

GS = 2.955

CENTROID +

PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.377
MINIMUM X	:	-1.119
MAXIMUM Y	:	1.632
MINIMUM Y	:	-1.035
CENTROID X	:	.014
CENTROID Y	:	-.135
POA TO CENTROID in.	:	.136
MIN RADIUS	:	.639
MEAN RADIUS	:	1.135
MAX RADIUS	:	1.696
HORIZONTAL SPREAD	:	2.496
VERTICAL SPREAD	:	2.667
EXTREME SPREAD	:	2.955
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	4
NUMBER IN THREE INCH CIRCLE	=	8

5 Nov 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08849049

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS = 2.167

VS = 2.123

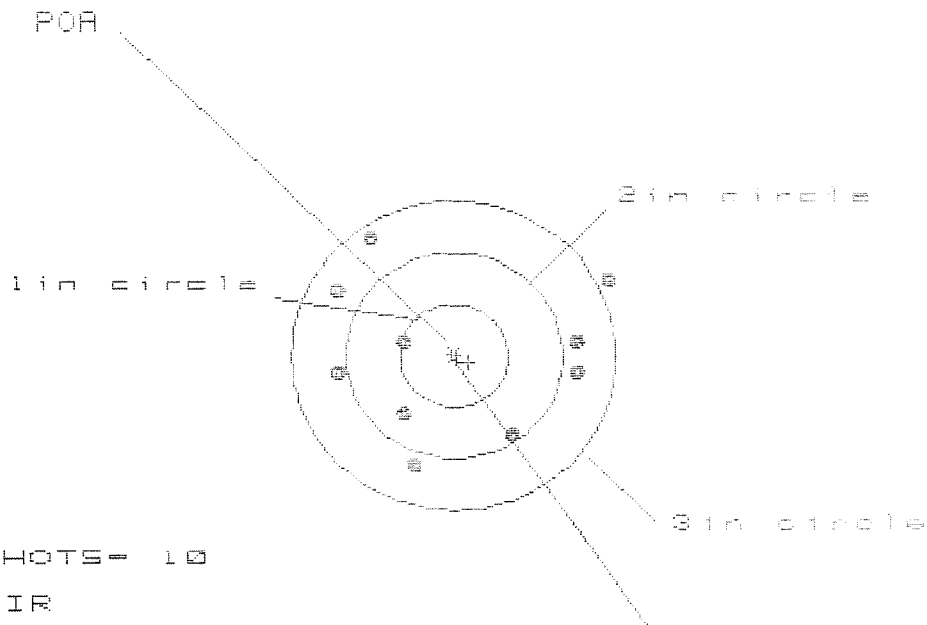
GS = 2.229

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

CENTROID *

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

Remington
 VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
 DUPONT
 REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

SERIAL NO. C6349149

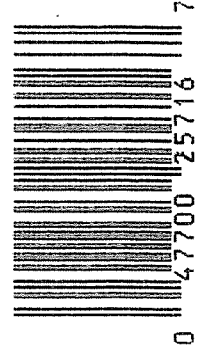
ORDER NO. 5716

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



5716 C6349149

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

Serial Number: 6349149

Model: M24 SWS



RE00153043

M-24 INSPECTION CHECKLIST
CONTRACT # DAAE-29-02-C-0145

WORK ORDER 153043
 SERIAL NUMBER C6349049
 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
610	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

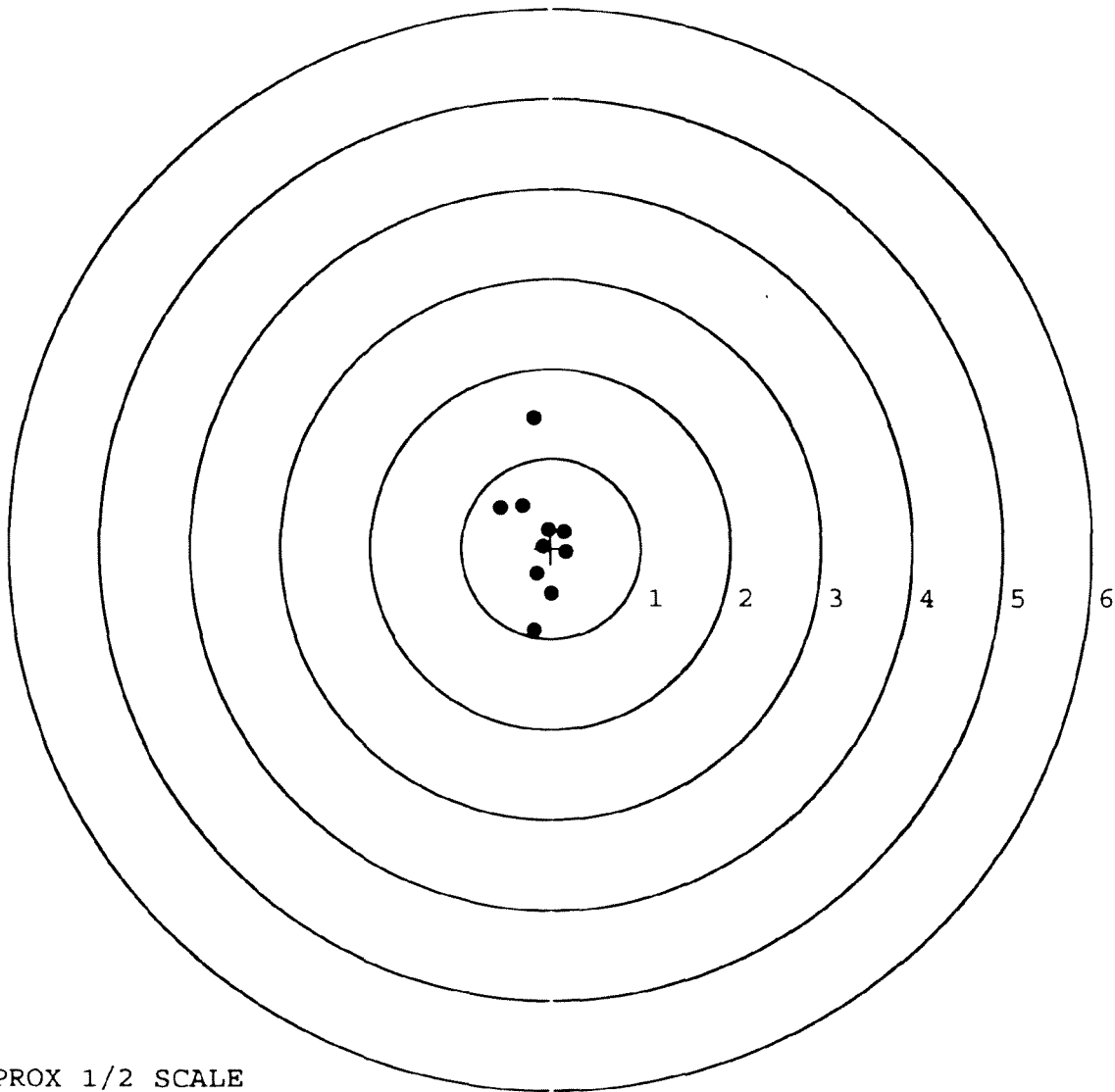
MAX RADIUS: 1.352

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

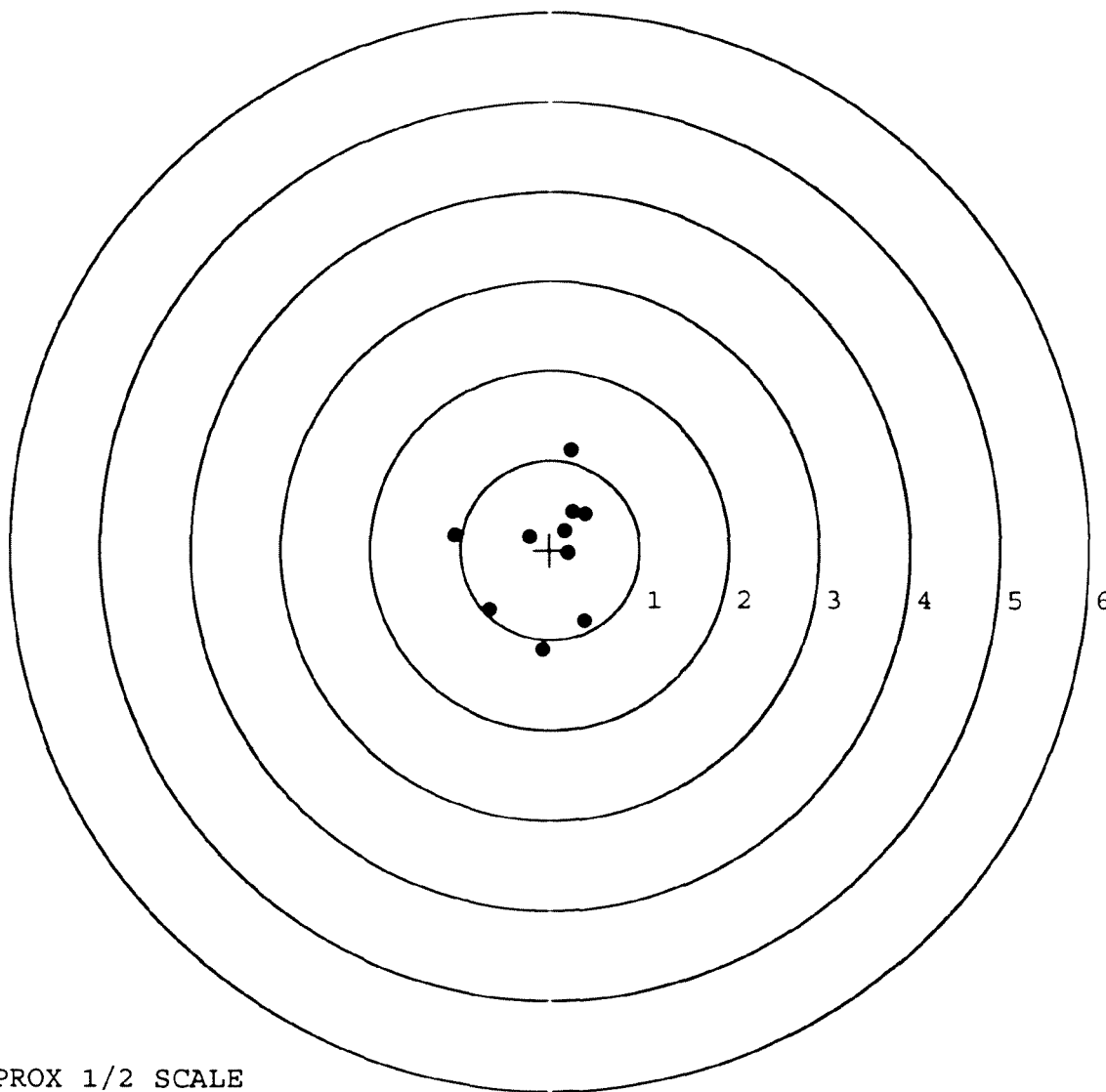
MAX RADIUS: 1.163

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

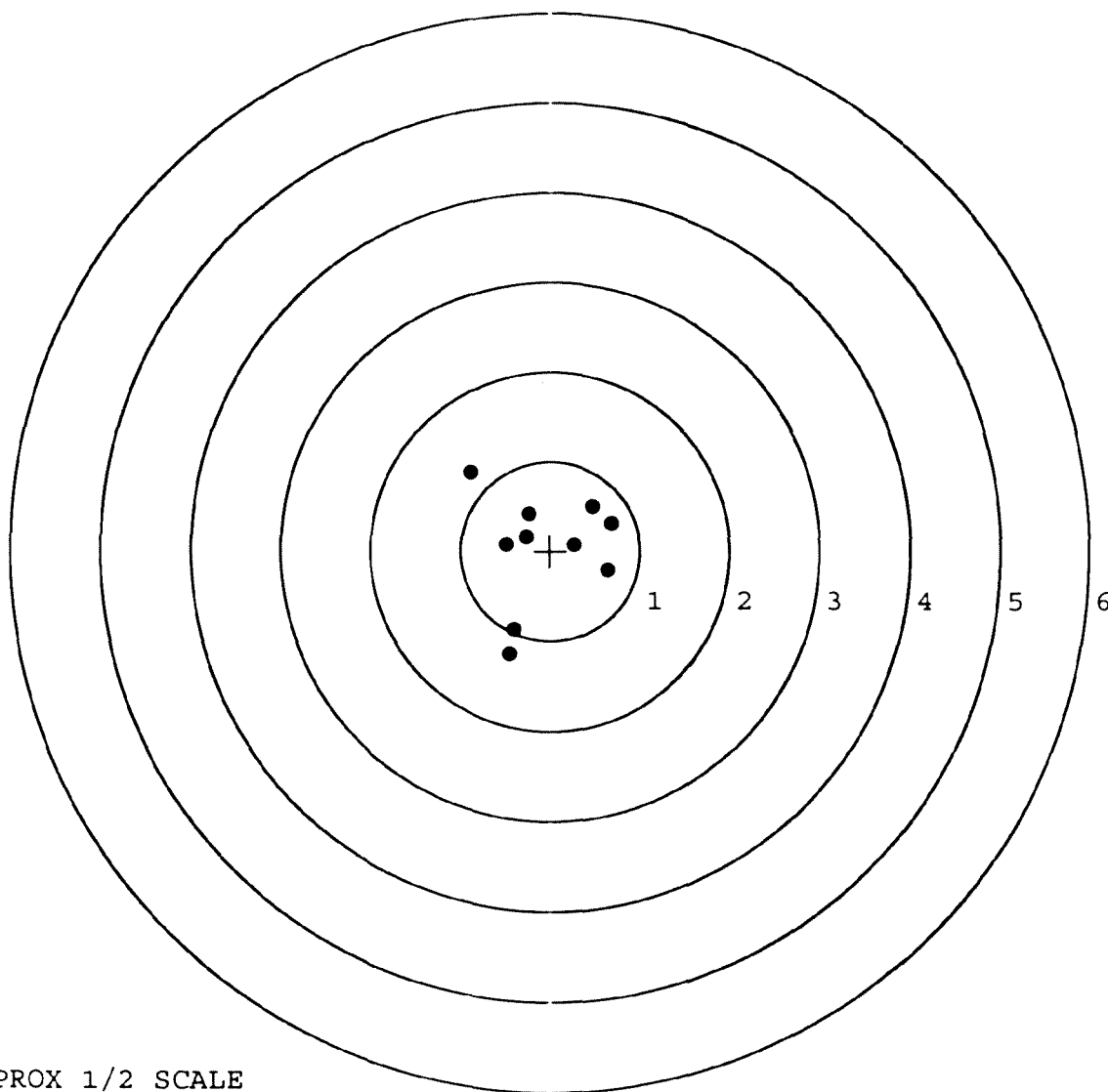
MAX RADIUS: 1.227

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

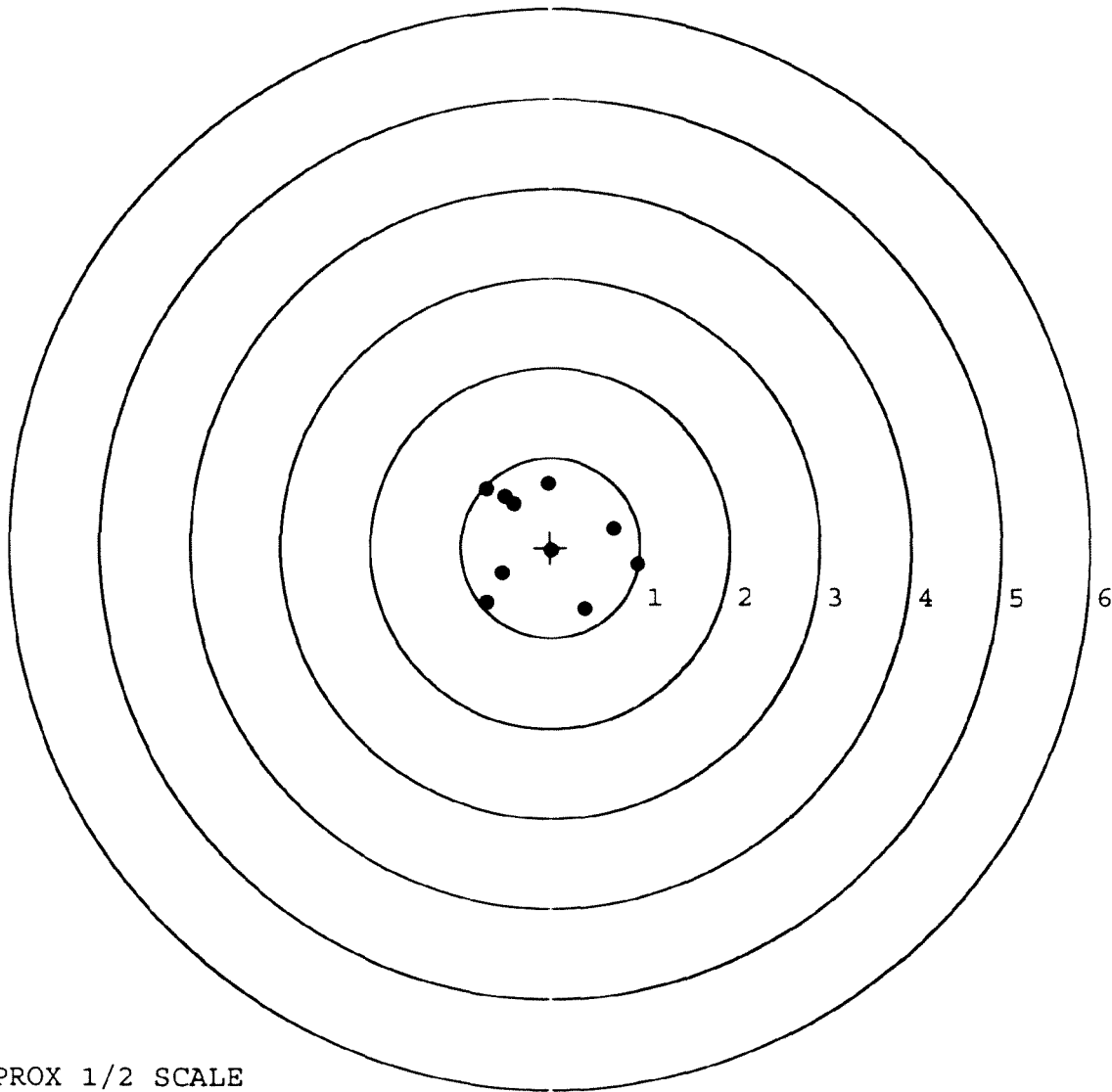
MAX RADIUS: 1.092

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

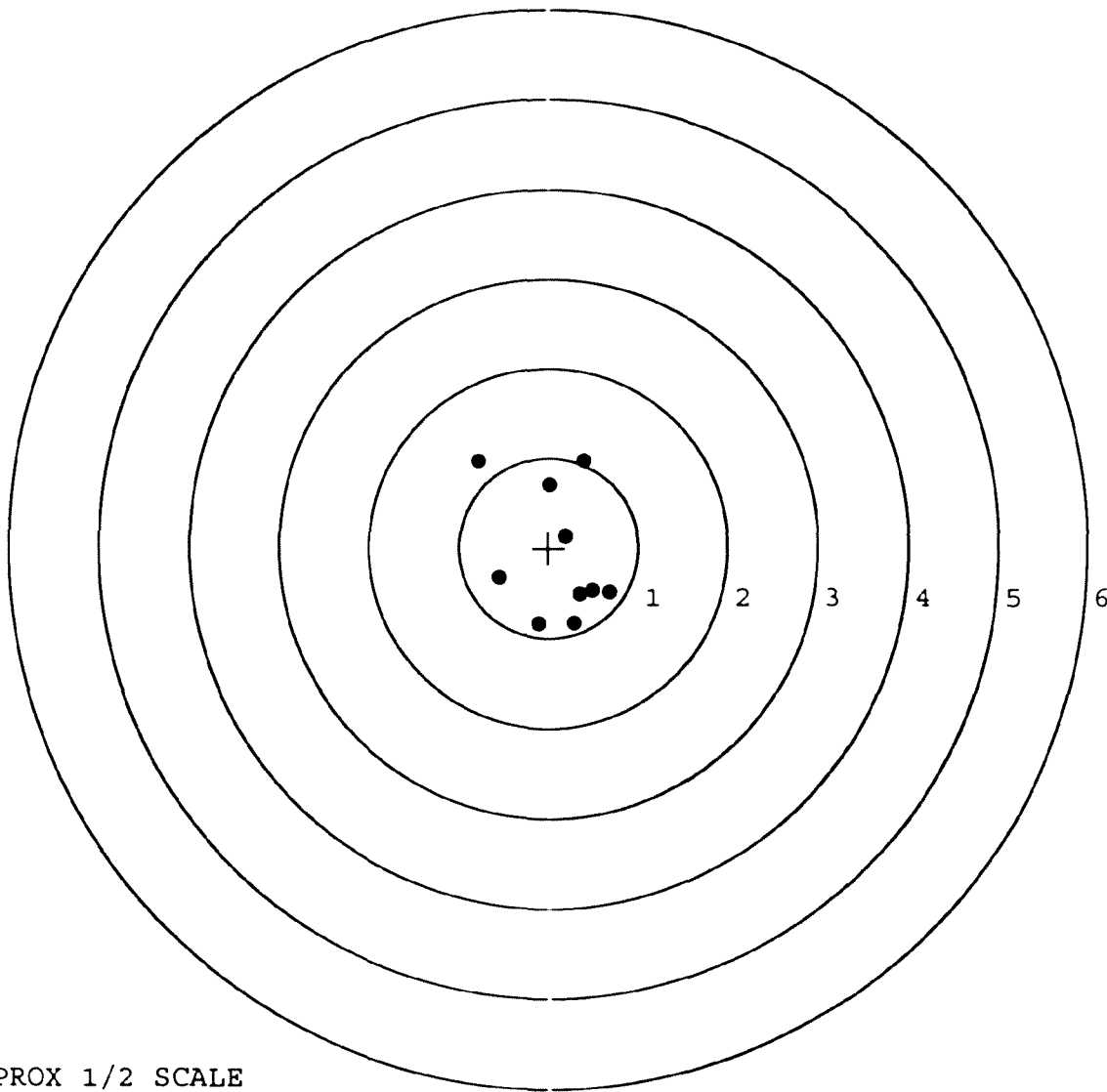
MAX RADIUS: 1.359

MEAN RADIUS: 0.753

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE