

C6498839

79

MODEL 700TM M24

Model **SMS**TM

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: **RE00112660**

Serial: C6498839 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status:

Closed 5/22/2006 2:49:07 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: HQ-STARC (-) COARNG

HQ-STARC (-) COARNG

Address 1: 6848 S REVERE PARKWAY

6848 S REVERE PARKWAY

Address 2: ATTN: USPFO-TRANS.

PO Box:

ATTN: USPFO-TRANS.

PO Box:

City: CENTENNIAL

CENTENNIAL

State: CO

Zip Code: 80112

Country: US

State: CO

Zip Code: 80112

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
C000	SCOPE CASE	1

Repair Search

Refresh

Close

maglet

5/23/2006

7:24 AM

CAPS

NUM

INS

SDRL

start

2 Micr...

Microsof...

2 Inter...

Part Sea...

Arms Se...

7:24 AM

Serial Number: **C6498839**
Model: **M24 SWS**

RE00112660

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498839.___0
FILE DATE AND TIME: 06/15/2006 07:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.071
The Average Y Centroid of the Five Target Set:	-0.144
The Average Point of Impact of the Five Target Set:	0.160
The Average Mean Radius of the Five Target Set:	0.596
The Distance from POA to Centroid Target #1:	0.186
The Distance from Centroid Target #2 to Centroid Target #1:	0.155
The Distance from Centroid Target #3 to Centroid Target #1:	0.062
The Distance from Centroid Target #4 to Centroid Target #1:	0.177
The Distance from Centroid Target #5 to Centroid Target #1:	0.233

SERIAL NUMBER: C6498839. __0

TARGET NUMBER: 1

FILE DATE: 06/15/2006

FILE TIME: 07:57

POINT#	X	Y
1:	0.917	-0.323
2:	-0.159	-0.937
3:	-0.466	-0.313
4:	-0.184	0.592
5:	-0.141	0.415
6:	0.359	-0.024
7:	0.040	-0.007
8:	-0.096	-0.321
9:	0.168	-0.562
10:	0.145	-0.291

X CENTROID: 0.058

Y CENTROID: -0.177

POA TO CENTROID: 0.186

HORZ SPREAD: 1.383

VERT SPREAD: 1.529

GROUP SPREAD: 1.432

MIN RADIUS: 0.143

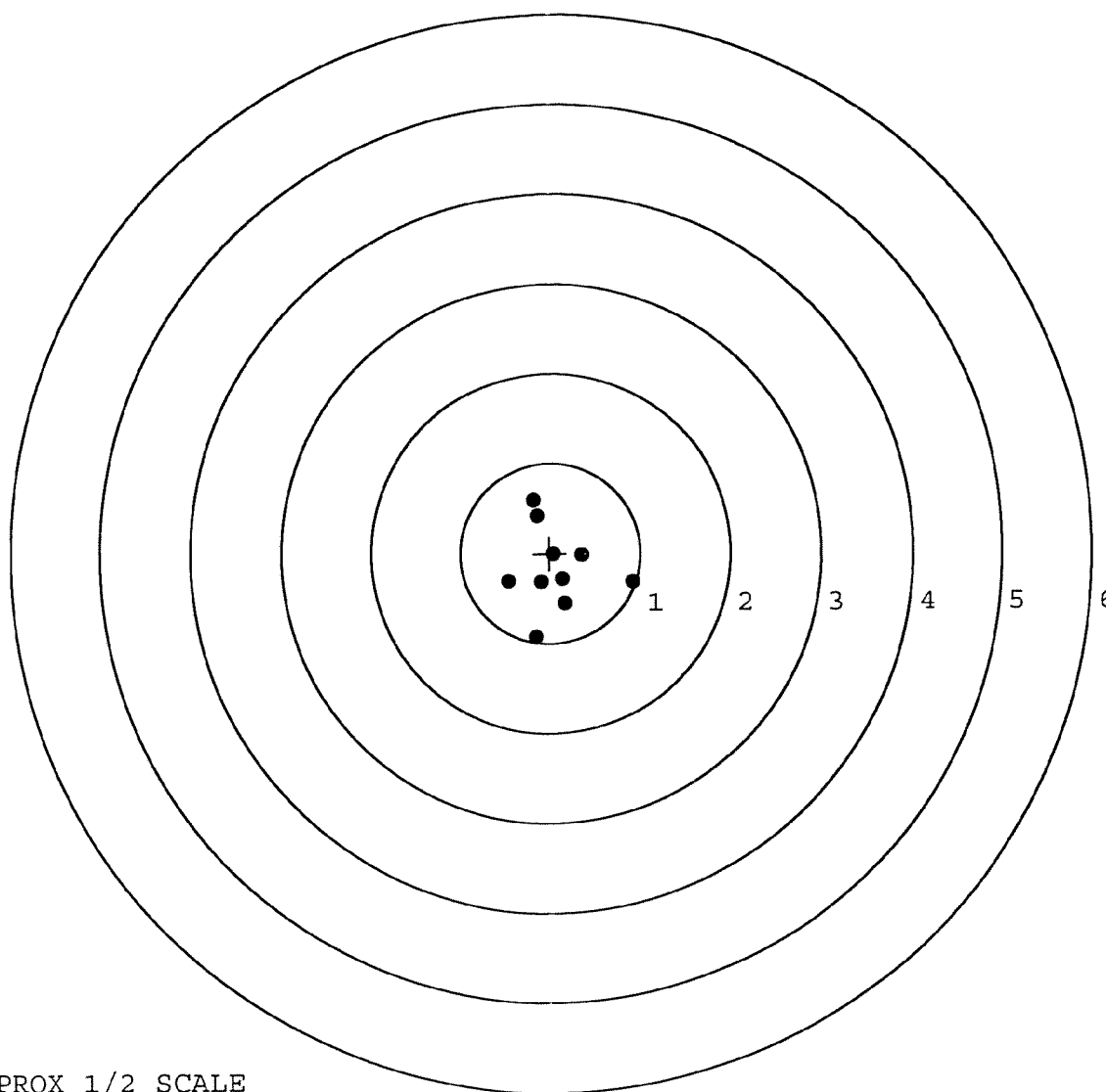
MAX RADIUS: 0.871

MEAN RADIUS: 0.490

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

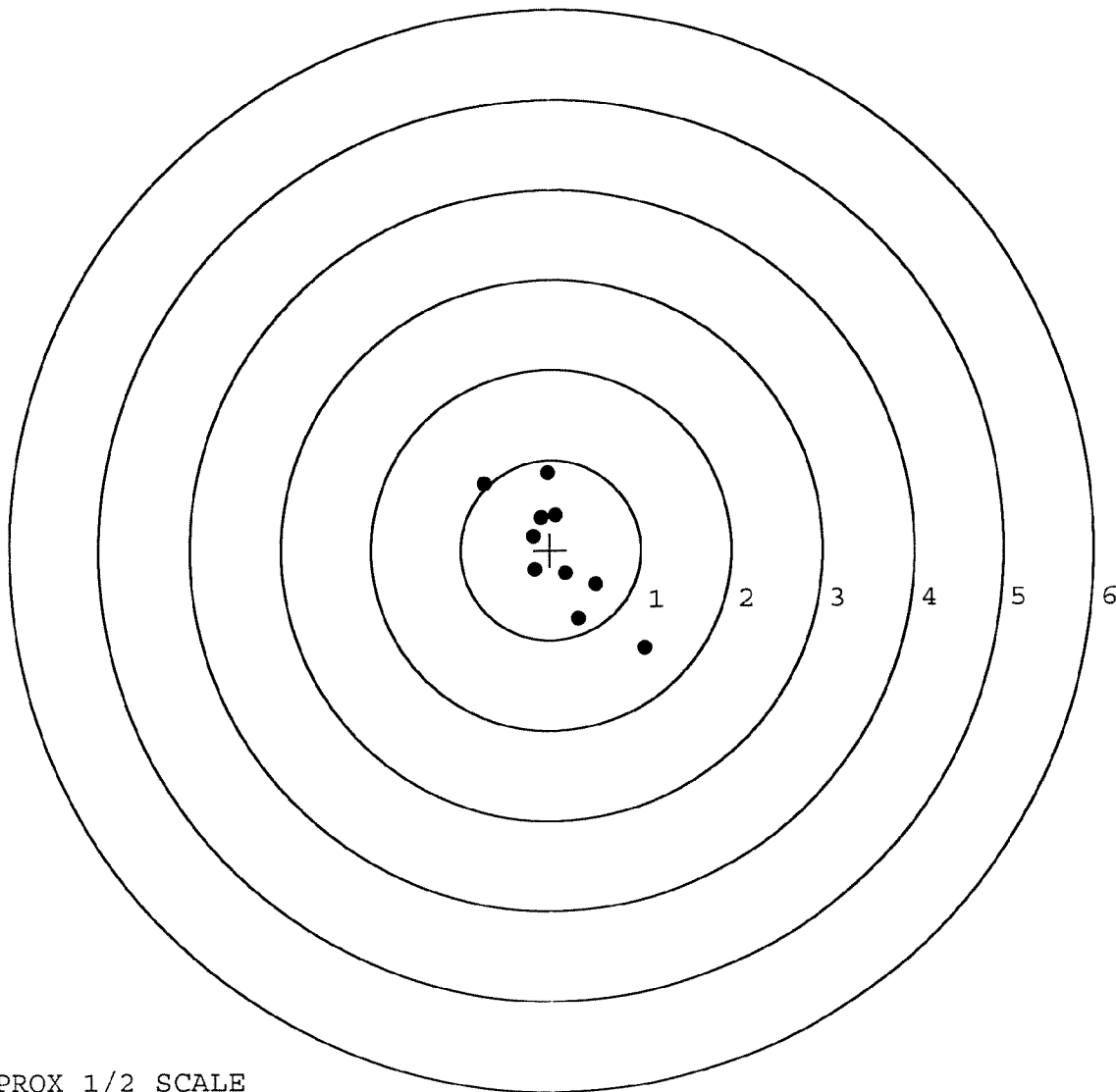


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498839. __0
 TARGET NUMBER: 2
 FILE DATE: 06/15/2006
 FILE TIME: 07:57

POINT#	X	Y
1:	1.035	-1.097
2:	0.309	-0.773
3:	0.503	-0.392
4:	0.170	-0.262
5:	-0.177	-0.223
6:	-0.187	0.154
7:	-0.101	0.363
8:	0.062	0.390
9:	-0.027	0.855
10:	-0.734	0.744

X CENTROID: 0.085
 Y CENTROID: -0.024
 POA TO CENTROID: 0.089
 HORZ SPREAD: 1.769
 VERT SPREAD: 1.952
 GROUP SPREAD: 2.553
 MIN RADIUS: 0.253
 MAX RADIUS: 1.433
 MEAN RADIUS: 0.653
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

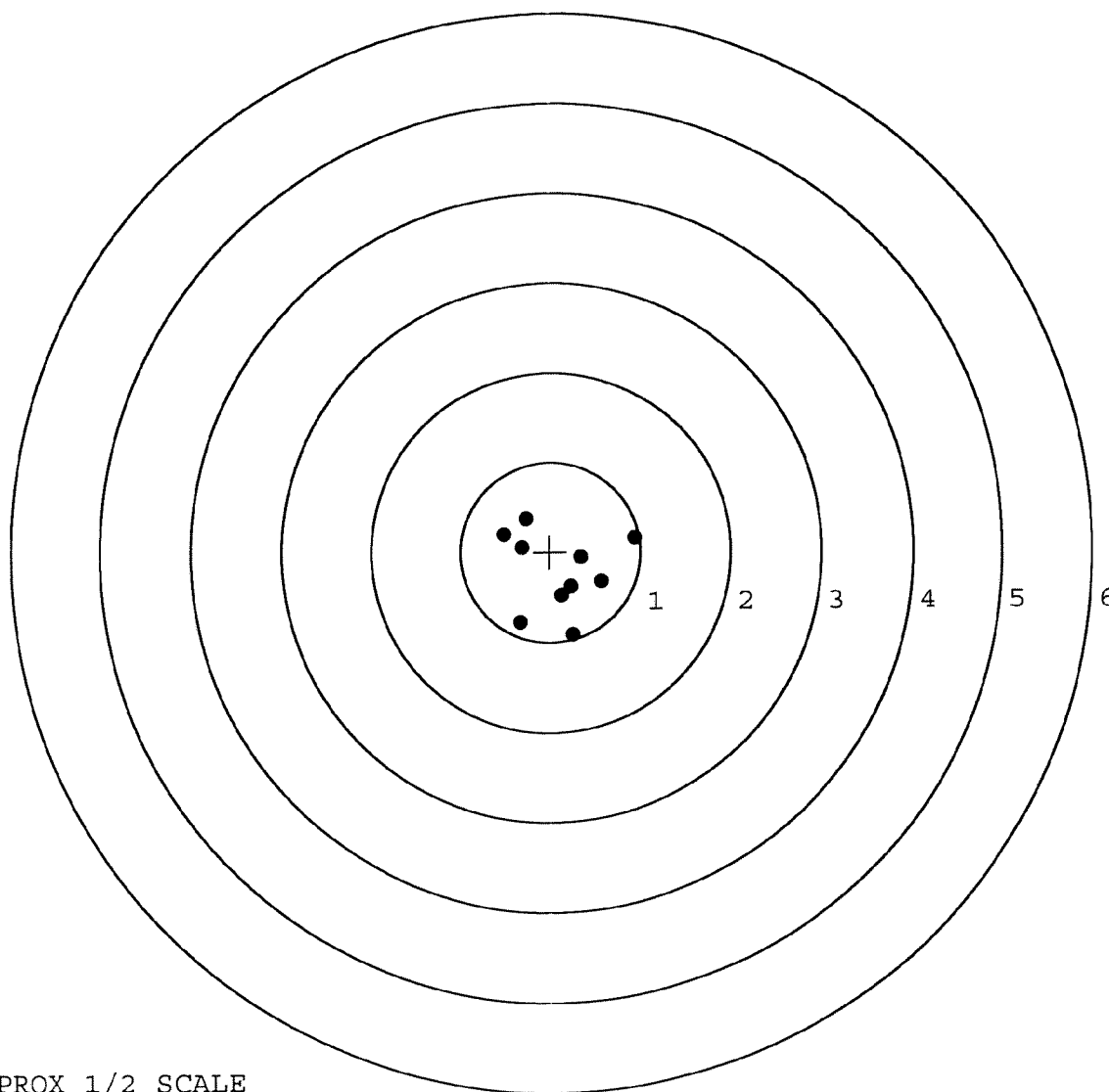


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498839. __0
 TARGET NUMBER: 3
 FILE DATE: 06/15/2006
 FILE TIME: 07:57

POINT#	X	Y
1:	0.257	-0.922
2:	-0.339	-0.782
3:	0.939	0.160
4:	0.568	-0.329
5:	0.346	-0.060
6:	0.127	-0.488
7:	0.238	-0.392
8:	-0.318	0.047
9:	-0.518	0.200
10:	-0.268	0.369

X CENTROID: 0.103
 Y CENTROID: -0.220
 POA TO CENTROID: 0.243
 HORZ SPREAD: 1.457
 VERT SPREAD: 1.291
 GROUP SPREAD: 1.588
 MIN RADIUS: 0.219
 MAX RADIUS: 0.918
 MEAN RADIUS: 0.555
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

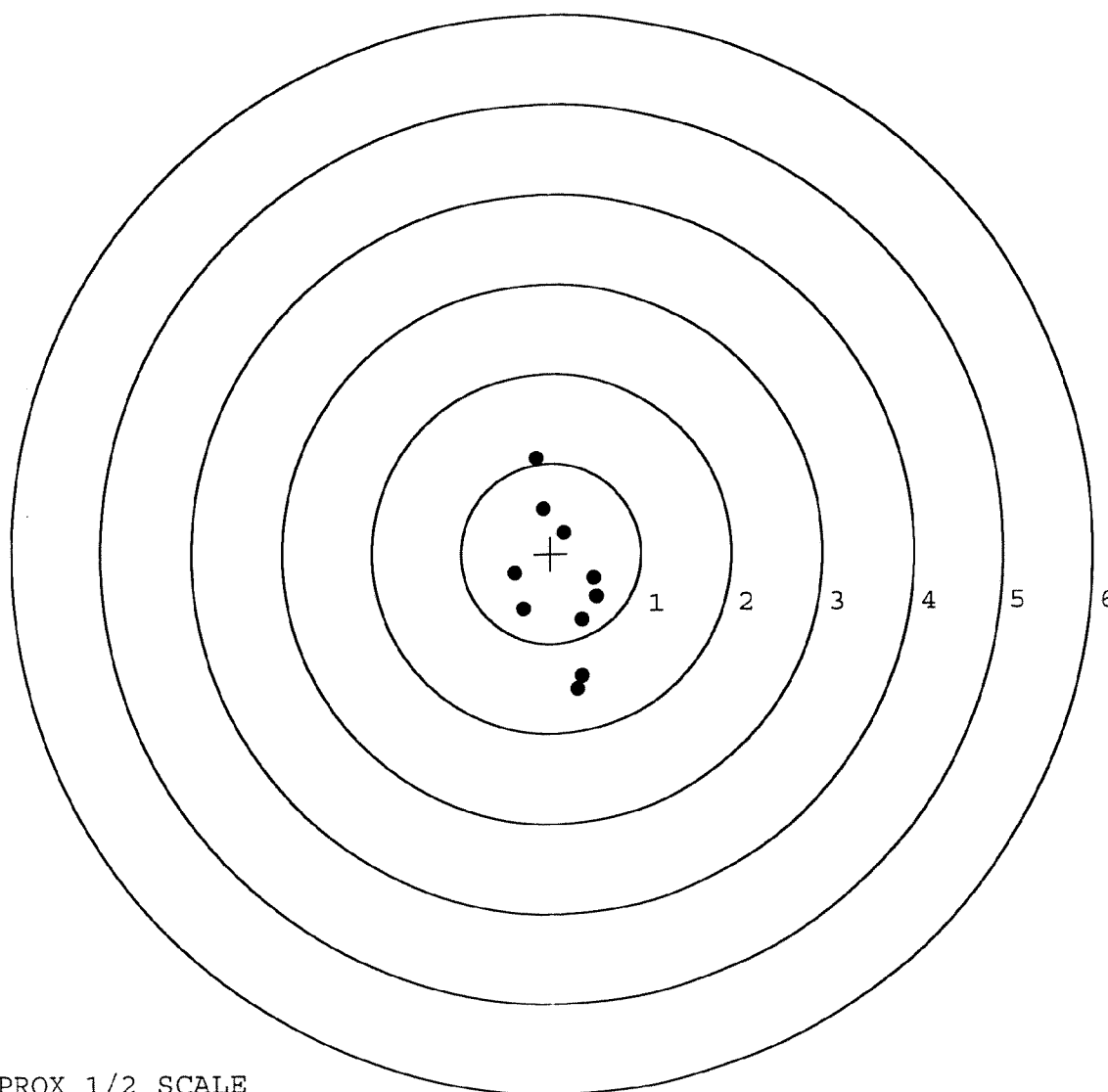


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498839. __0
 TARGET NUMBER: 4
 FILE DATE: 06/15/2006
 FILE TIME: 07:57

POINT#	X	Y
1:	0.298	-1.516
2:	0.353	-1.370
3:	0.353	-0.742
4:	0.508	-0.483
5:	0.478	-0.276
6:	-0.311	-0.616
7:	-0.405	-0.215
8:	0.153	0.231
9:	-0.081	0.495
10:	-0.161	1.056

X CENTROID: 0.118
 Y CENTROID: -0.344
 POA TO CENTROID: 0.363
 HORZ SPREAD: 0.913
 VERT SPREAD: 2.572
 GROUP SPREAD: 2.613
 MIN RADIUS: 0.366
 MAX RADIUS: 1.427
 MEAN RADIUS: 0.739
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

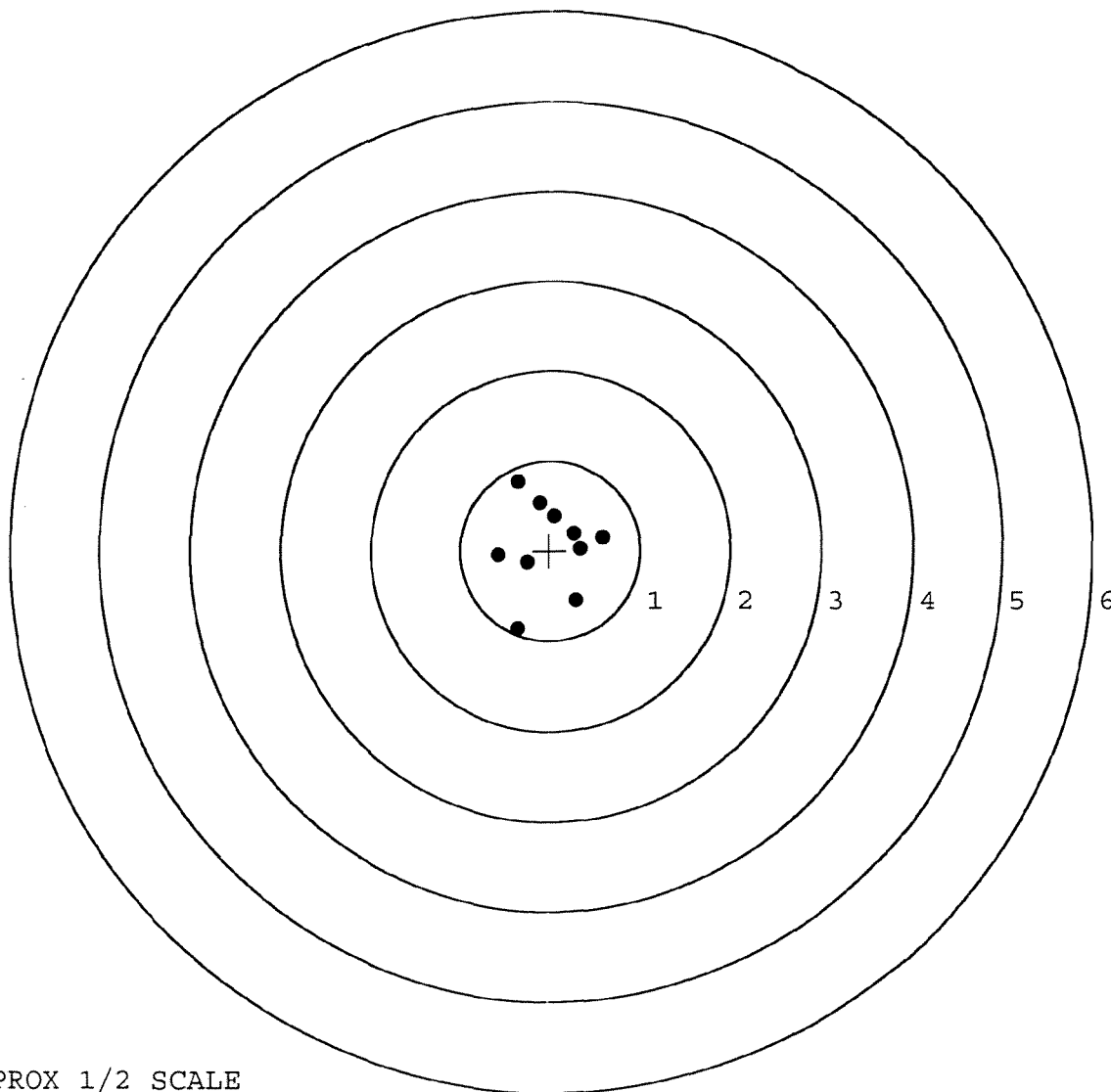


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498839. __0
 TARGET NUMBER: 5
 FILE DATE: 06/15/2006
 FILE TIME: 07:57

POINT#	X	Y
1:	0.296	-0.557
2:	-0.359	-0.871
3:	-0.252	-0.127
4:	-0.574	-0.048
5:	0.582	0.152
6:	0.345	0.023
7:	0.050	0.384
8:	-0.120	0.531
9:	-0.357	0.771
10:	0.270	0.190

X CENTROID: -0.012
 Y CENTROID: 0.045
 POA TO CENTROID: 0.046
 HORZ SPREAD: 1.156
 VERT SPREAD: 1.642
 GROUP SPREAD: 1.642
 MIN RADIUS: 0.295
 MAX RADIUS: 0.979
 MEAN RADIUS: 0.545
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 6-1-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	257	249		256	
PULL #2	256	249		258	
PULL #3	255	238		256	
PULL #4	249	257		256	
PULL #5	250	253		251	
TOTAL	1267	1246		1277	
AVERAGE	253	249		255	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	317	300		
PULL #2	309	305		
PULL #3	315	307		
PULL #4	317	309		
PULL #5	297	308		
TOTAL	1555	1529		
AVERAGE	311	305		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	421	428		417
PULL #2	419	421		411
PULL #3	417	411		414
PULL #4	420	429		412
PULL #5	418	419		414
TOTAL	2095	2108		2068
AVERAGE	419	421		413

R & E NUMBER	112660		
SERIAL NUMBER	06498839		
LOG-IN DATE	5-22-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-5-06	RTZ
505	RE-BARREL	6-6-06	RTZ
560	ASSEMBLE	6-7-06	RTZ
600	PROOF	6-7-06	TRW
605	CHECK HEADSPACE	6-7-06	RTZ
610	DIS-ASSEMBLE GUN	6-7-06	RTZ
612	MAGNAFLUX	6-9-06	APD
510	DRILL AND TAP	6-8-06	TRW
615	ROLLMARK CALIBER	6-9-06	CW
618	ROTO-BLAST	6-9-06	LB
620	APPLY COATINGS	6/13/06	TB
625	FINAL ASSEMBLY	6-15-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-15-06 TRW
650	TARGET	PASS FAIL	6-15-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-15-06 RP
	A) HEADSPACE	PASS FAIL	6-20-06 RP
	B) TRIGGER PULL	2.61 2.77 2.68 2.70 2.69	6-16-06 OA
680	F) SAFETY ON FORCE	6.5 6.5 6.5	OA
	G) SAFETY OFF FORCE	3.2 3.2 3.2	OA
	I) FIRING PIN INDENT	.023 .023 .023	OA
690	PACK		6-28-06 OA

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 96-02797

INITIAL JLM	CUSTOMER ORDER NO.	M-24 SNIPER W/LEUPOLD 10X SCOPE			
DATE RECEIVED 01/22/96	DATE OPENED 01/23/96	DATE CODE KK 5-90	SERIAL NUMBER C6498839	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SOFT CASE		SCOPE MNTS SCOPE BASE W/BI-POD			

FROM:

SHIP TO:

US ARMY
CO B 5TH SF BN 19TH SFGA
PUEBLO CO B1004

US ARMY
CO B 5TH SF BN 19TH SFGA
PUEBLO CO B1004

CUST NO: 136446 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION			REPAIR CHARGE		
☐ NEW			EXCISE		
☐ LIGHTLY WORN			TAX		
☐ WORN			INSURANCE		
☐ VERY WORN			UPS		
☐ UNREPAIRABLE			PARCEL POST		
☐ MARRED			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 W52H096024/245	COMMENTS Did Normal Checks on Rifle Could find no faults				
REPAIRMAN RW	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 0008702

M2400008741

PACKING LIST	PACKED BY: CO B 5/19TH SFGA 1215 ACERO AVE PUEBLO, CO 81004-2603 SFODA- 980	NO BOXES	REQUISITION NO		
			ORDER NO		
END ITEM			DATE 18 JAN 1996		
			PAGE 1 OF 1 PAGES		
BOX NO.	CONTENTS. STOCK NUMBER & NOMENCLATURE	UNIT OF ISSUE	PACKS # IN BOX	WEIGHT OF EACH ITEM	TOTAL WT
	7.62MM, M24 SNIPER RIFLE SN: C6498839	EA	01		
	OPTIC SIGHT SN: 890695	EA	01		
	SOFT CARRYING CASE	EA	01		
"THIS ITEM DOES NOT CONTAIN HAZARDOUS CARGO IAW CFR. 49"					
THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES					
TYPED NAME AND TITLE ALLEN M. KINCAID, SUPPLY SGT			SIGNATURE		

DD FORM 1750

MAINTENANCE REQUEST						PAGE NO 1	NO OF PAGES 1	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 03		PD AUTHENTICATION 																
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION CO B 5TH SF BN 19TH SFGA		B. LOCATION 1215 ACERO AVE PUEBLO, CO 81004			C. UNIT IDENT CODE WTP9BO (WTP9AA																	
2. SERIAL NO 06498839-890695		3. NOUN NOMENCLATURE 7.62mm SNIPER RIFLE		4. LINE NO. R95387		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136																
7A. MAINTENANCE ACTIVITY REMINGTON		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="0"><tr><td>☐ A Sch Main.</td><td>☐ C Test</td><td>☐ E Storage</td><td>☐ G Flight</td></tr><tr><td>☐ B Handling</td><td>☒ D Normal Op</td><td>☐ F Inspection</td><td>☐ H 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="0"><tr><td>☒ 068 Inoperative</td><td>☐ 258 Overheating</td><td>☐ 790 Out of Adjustment</td></tr><tr><td>☐ 008 Noisy</td><td>☐ 387 Low Performance</td><td>☐ Other</td></tr></table>						☒ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment	☐ 008 Noisy	☐ 387 Low Performance	☐ Other
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☐ B Handling	☒ D Normal Op	☐ F Inspection	☐ H Other																					
☒ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment																						
☐ 008 Noisy	☐ 387 Low Performance	☐ Other																						
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).																								
TRIGGER GUARD SCREWS OR TRIGGER GUARD IS BENT PREVENTING THE TRIGGER GUARD FROM PROPERLY LINING UP WITH THE BARREL ASSEMBLY FOR ASSEMBLY.																								
B. REMARKS CO B 5TH SF BN 19TH SFGA POC: SGT ALLEN KINCAID 719-564-8991 PBO 5TH SF BN 19TH SFGA POC: CW3 ROBERT PEACHER 303-273-1647 DSN: 877-1647																								
SECTION II - WORK ACCOMPLISHED																								
17A. REPAIR ORGANIZATION/ACTIVITY			C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X) <table border="0"><tr><td>☐ 1 TOE</td><td>☐ 2 TD</td><td>☐ 3 Contractor</td></tr></table>			☐ 1 TOE	☐ 2 TD	☐ 3 Contractor	19. AMS ACCT CODE													
☐ 1 TOE	☐ 2 TD	☐ 3 Contractor																						
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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				I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$																		
21. DELAY (Select One) <table border="0"><tr><td>☐ 1 Parts</td><td>☐ 2 Manpower</td><td>☐ 3 Facilities</td><td>☐ 4 Funds</td><td>☐ 5 Tools</td></tr></table>				☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22. Data Transcribed															
☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools																				
23. SUBMITTED BY KINCAID		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY																
JULIAN DATE 96018		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE																
28. DISPOSITION (Select One) <table border="0"><tr><td>☐ A To User</td><td>☐ D Evacuated</td></tr><tr><td>☐ B To Stock</td><td>☐ E Cannibalization</td></tr><tr><td>☐ C Salvaged</td><td></td></tr></table>					☐ A To User	☐ D Evacuated	☐ B To Stock	☐ E Cannibalization	☐ C Salvaged															
☐ A To User	☐ D Evacuated																							
☐ B To Stock	☐ E Cannibalization																							
☐ C Salvaged																								

SHIPPED FROM:

Co B 5TH SF BN 19TH SFGA
1215 ALERO AVE
PUEBLO, CO 81004

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

DU PONT

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

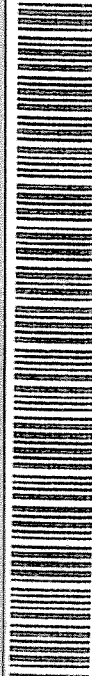
MODEL 700™ M24

SERIAL NO. C6498839

ORDER NO. 5716

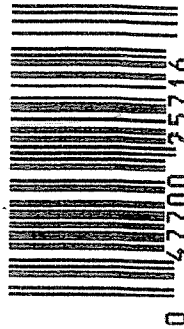
MADE IN LION, N.Y. USA. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

01



5716 C6498839

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498839

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	G.S.
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RWB		5/24/90	WS
620	Apply Coatings (Barrel Action)		6-4-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	TH

BARBER - M24 0008708		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			6/12/90	WB
	G) Safety Off Force	2	2	2			6/12/90	WB
	H) Trigger Pull Test & Retainability						6/11/90	JH
	I) Firing Pin Indent	.023	.023	.023			6/12/90	WB
	J) Assemble Stock						6/13/90	RW
	K) Assemble Swivel Studs						6/14/90	JH
	L) Attach Front and Rear Sight Assemblies						6/13/90	RW
	M) Iron Sight Alignment						6/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/13/90	RW
	O) Attach Scope to Rifle						6/13/90	WB
	P) Detach & Attach Scope 20 Times						6/13/90	WB
640	Gallery Target & Test						6-13-90	DH
	A) Time						6-13-90	DH
	B) Malfunctions						6-13-90	DH
	C) Pierced Primers						6-13-90	DH
	D) Optical Clarity of Scope						6-13-90	DH
645	Inspect for Live Ammo						6-13-90	DH
655	Final Inspection							
	A) Headspace						6/14/90	JH
	B) Trigger Pull	2.38	2.39	2.44	2.44	2.47	6-14-90	JH
	C) Function						6/14/90	JH
660	Pack						6-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498839DATE 6/11/90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.25	2.30	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.26	2.25	2.39	
PULL #3	2.26	2.26	2.22	2.44	
PULL #4	2.26	2.27	2.35	2.44	
PULL #5	2.26	2.26	2.40	2.47	
TOTAL	11.27	11.30	11.52		
AVG.	2.254	2.26	2.304		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.36		
PULL #2	3.34	3.42		
PULL #3	3.41	3.41		
PULL #4	3.40	3.46		
PULL #5	3.42	3.45		
TOTAL	16.96	17.09		
AVG.	3.392	3.418		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.26		4.47
PULL #2	4.32	4.53		4.50
PULL #3	4.19	4.30		4.32
PULL #4	4.41	4.41		4.27
PULL #5	4.34	4.37		4.35
TOTAL	21.55	21.87		21.91
AVG.	4.31	4.374		4.382

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498839
13 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.220045
1 TO	2	.183505
1 TO	3	.164451
1 TO	4	.279508
1 TO	5	.269141

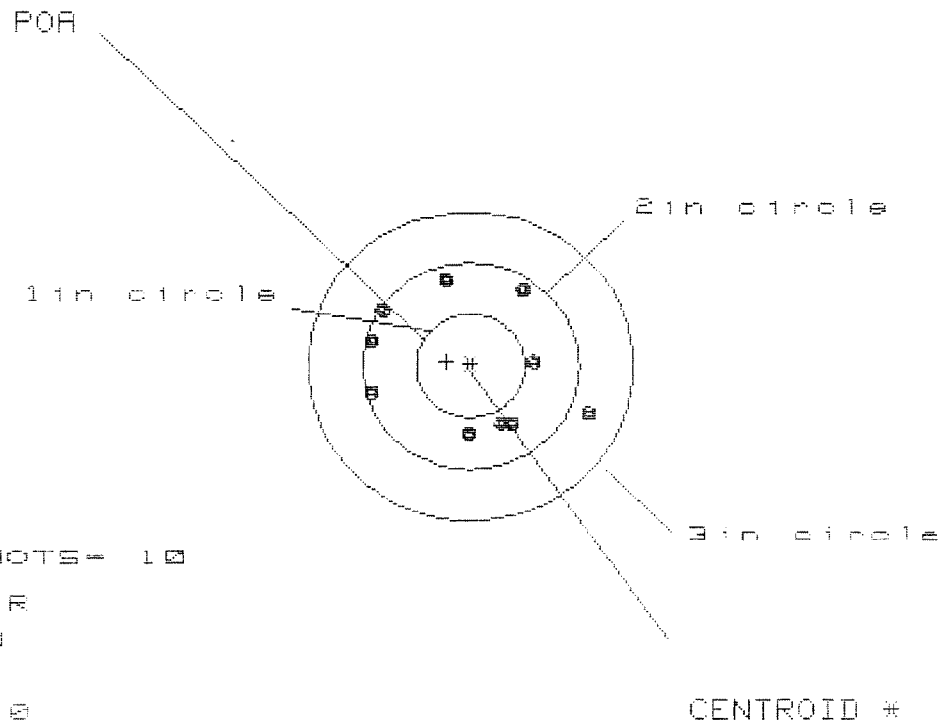
8 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0642
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0398
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .075536
THE ANR FOR THIS RIFLE IS: .7286

13 Jun 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6436839

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 9

3in = 10

HS= 1.876

VS= 1.471

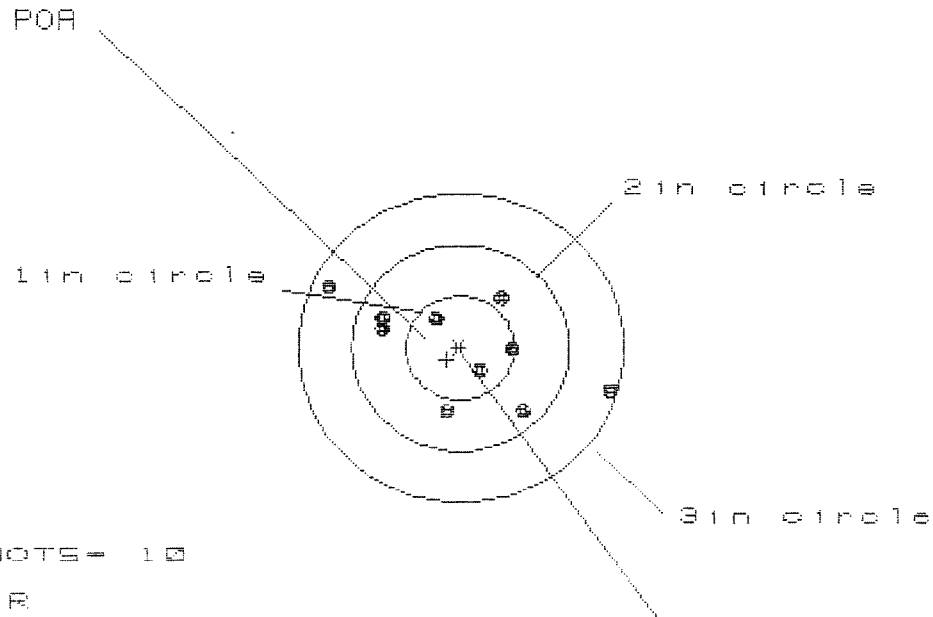
GS= 2.085

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.065	.677	.578
MINIMUM X	-.911	-.793	-.862
MAXIMUM Y	.837	.791	.748
MINIMUM Y	-.634	-.680	-.723
CENTROID X	.216	.098	.197
CENTROID Y	-.042	.004	.047
POR TO CENTROID in.	.220	.098	.203
MIN RADIUS	.562	.677	.579
MEAN RADIUS	.828	.793	.775
MAX RADIUS	1.143	.950	.890
HORIZONTAL SPREAD	1.976	1.470	1.440
VERTICAL SPREAD	1.471	1.471	1.471
EXTREME SPREAD	2.085	1.766	1.603
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 2.543

VS = 1.220

GS = 2.744

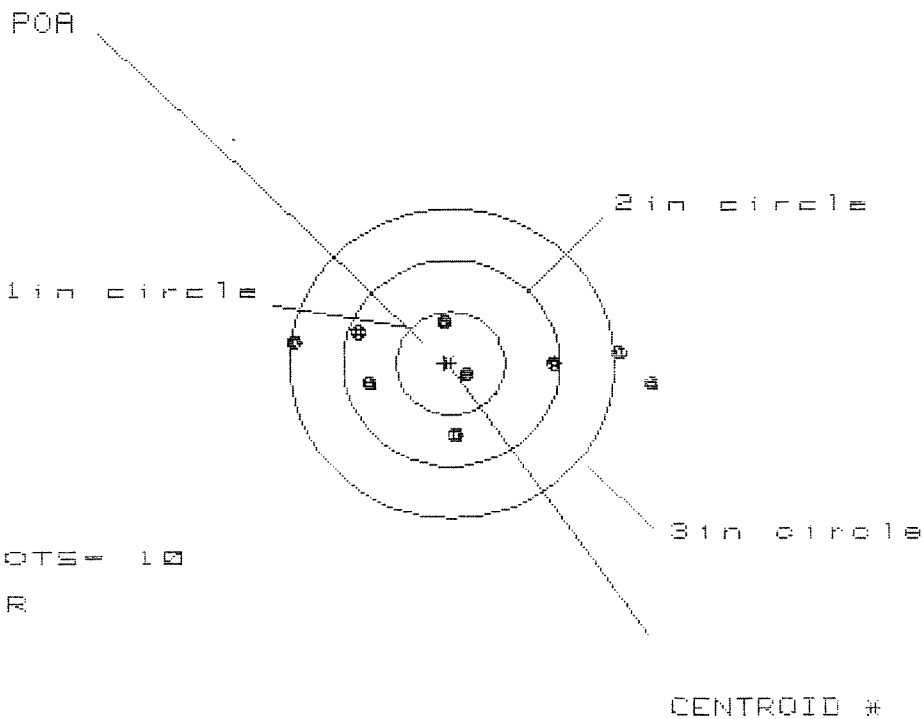
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	.741	.610
MINIMUM X	:	-1.199	-1.050	-.746
MAXIMUM Y	:	.582	.533	.532
MINIMUM Y	:	-.638	-.687	-.621
CENTROID X	:	.121	-.028	.103
CENTROID Y	:	.115	.164	.098
POA TO CENTROID in.	:	.167	.167	.142
MIN RADIUS	:	.292	.269	.295
MEAN RADIUS	:	.750	.672	.594
MAX RADIUS	:	1.417	1.177	.870
HORIZONTAL SPREAD	:	2.543	1.791	1.356
VERTICAL SPREAD	:	1.220	1.220	1.153
EXTREME SPREAD	:	2.744	2.167	1.604
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 3.229

VS = 1.028

GS = 3.249

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.811	1.703	1.392
MINIMUM X	:	-1.418	-1.216	-1.004
MAXIMUM Y	:	.380	.363	.378
MINIMUM Y	:	-.648	-.665	-.650
CENTROID X	:	.056	-.146	-.358
CENTROID Y	:	-.004	.013	-.002
POA TO CENTROID in.	:	.056	.146	.358
MIN RADIUS	:	.227	.375	.390
MEAN RADIUS	:	1.011	.905	.783
MAX RADIUS	:	1.818	1.707	1.393
HORIZONTAL SPREAD	:	3.229	2.919	2.396
VERTICAL SPREAD	:	1.028	1.028	1.028
EXTREME SPREAD	:	3.249	2.920	2.406
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 5

2 in = 10

3 in = 10

HS= 1.516

VS= .992

GS= 1.553

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.859	.712	.642
MINIMUM X	:	-.657	-.561	-.577
MAXIMUM Y	:	.431	.441	.285
MINIMUM Y	:	-.561	-.551	-.496
CENTROID X	:	-.034	-.130	-.060
CENTROID Y	:	.083	.073	.018
POA TO CENTROID in.	:	.090	.149	.062
MIN RADIUS	:	.119	.026	.115
MEAN RADIUS	:	.490	.433	.404
MAX RADIUS	:	.864	.742	.706
HORIZONTAL SPREAD	:	1.516	1.273	1.219
VERTICAL SPREAD	:	.992	.992	.781
EXTREME SPREAD	:	1.553	1.429	1.244
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 10

3in = 10

HS = 1.433

VS = 1.270

GS = 1.691

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.699	.617	.594
MINIMUM X	:	-.734	-.603	-.526
MAXIMUM Y	:	.614	.670	.629
MINIMUM Y	:	-.656	-.600	-.641
CENTROID X	:	-.038	.044	-.033
CENTROID Y	:	.047	-.009	.032
POA TO CENTROID in.	:	.061	.045	.046
MIN RADIUS	:	.105	.186	.119
MEAN RADIUS	:	.564	.527	.494
MAX RADIUS	:	.894	.804	.799
HORIZONTAL SPREAD	:	1.433	1.220	1.120
VERTICAL SPREAD	:	1.270	1.270	1.270
EXTREME SPREAD	:	1.691	1.587	1.587
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	