

C6498767

MODEL 700TM M24

Model **SMS**

TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00128536

Serial: C6498767 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 4/24/2007 7:50:43 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: ISSD ARMSROOM

ISSD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

4/24/2007

8:10 AM

CAPS

NUM

INS

SCRL

start

3 Mi...

5 In...

Arms ...

Part ...

6 Mi...

2 W...

8:10 AM

Serial Number: C6498767

Model: M24 SWS



RE00128536

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498767.___0

FILE DATE AND TIME: 06/01/2007 15:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.031
The Average Y Centroid of the Five Target Set:	-0.110
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.552
The Distance from POA to Centroid Target #1:	0.275
The Distance from Centroid Target #2 to Centroid Target #1:	0.372
The Distance from Centroid Target #3 to Centroid Target #1:	0.500
The Distance from Centroid Target #4 to Centroid Target #1:	0.641
The Distance from Centroid Target #5 to Centroid Target #1:	0.054

BARBER - M24 0007322

SERIAL NUMBER: C6498767. __0

TARGET NUMBER: 1

FILE DATE: 06/01/2007

FILE TIME: 15:38

POINT#	X	Y
1:	-0.118	0.321
2:	0.158	0.262
3:	0.481	0.379
4:	0.587	-0.108
5:	0.057	-0.275
6:	-0.424	-0.415
7:	-0.083	-0.728
8:	0.413	-0.796
9:	1.366	-0.207
10:	-0.177	0.002

X CENTROID: 0.226

Y CENTROID: -0.156

POA TO CENTROID: 0.275

HORZ SPREAD: 1.790

VERT SPREAD: 1.175

GROUP SPREAD: 1.802

MIN RADIUS: 0.206

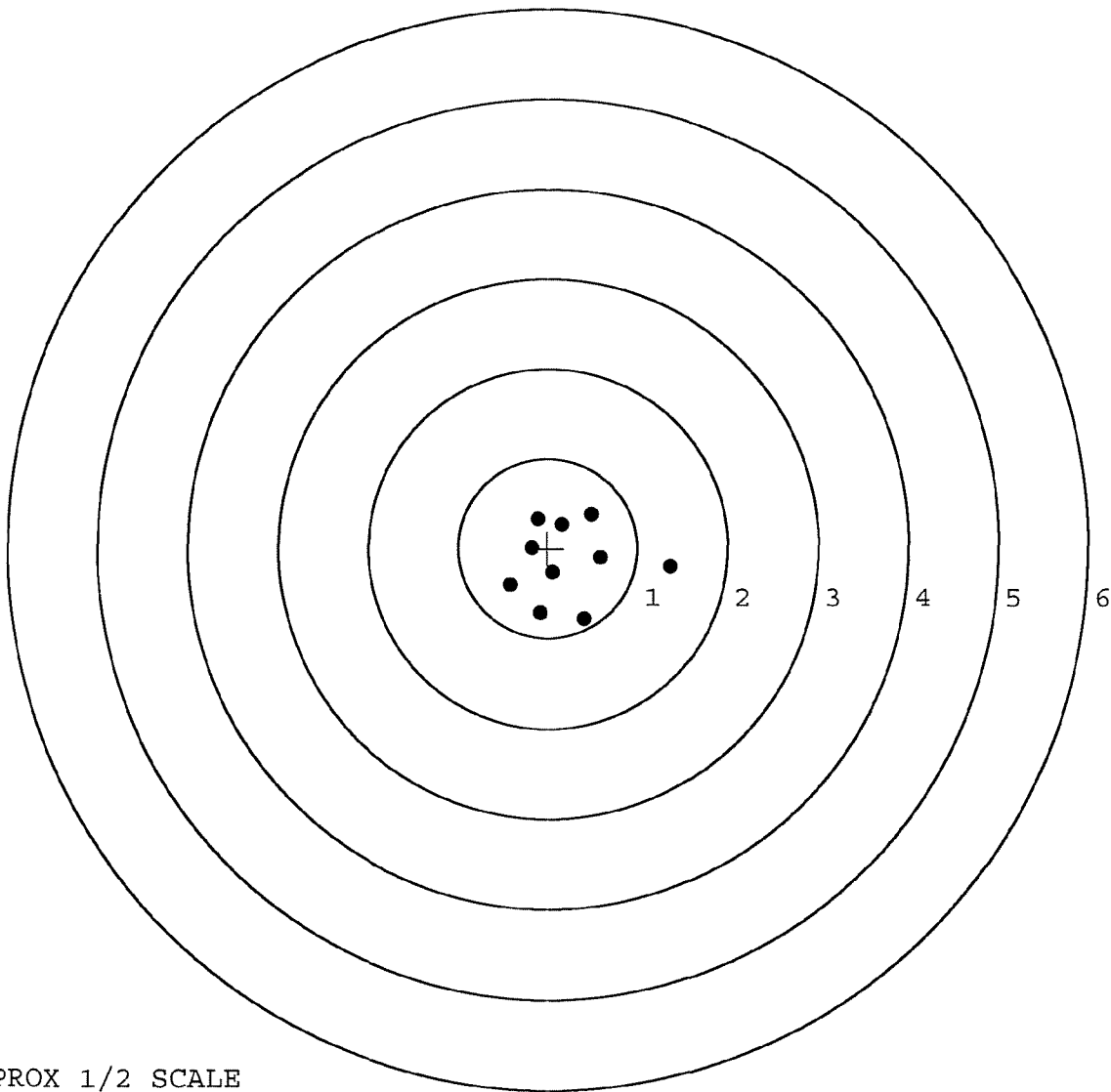
MAX RADIUS: 1.141

MEAN RADIUS: 0.577

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



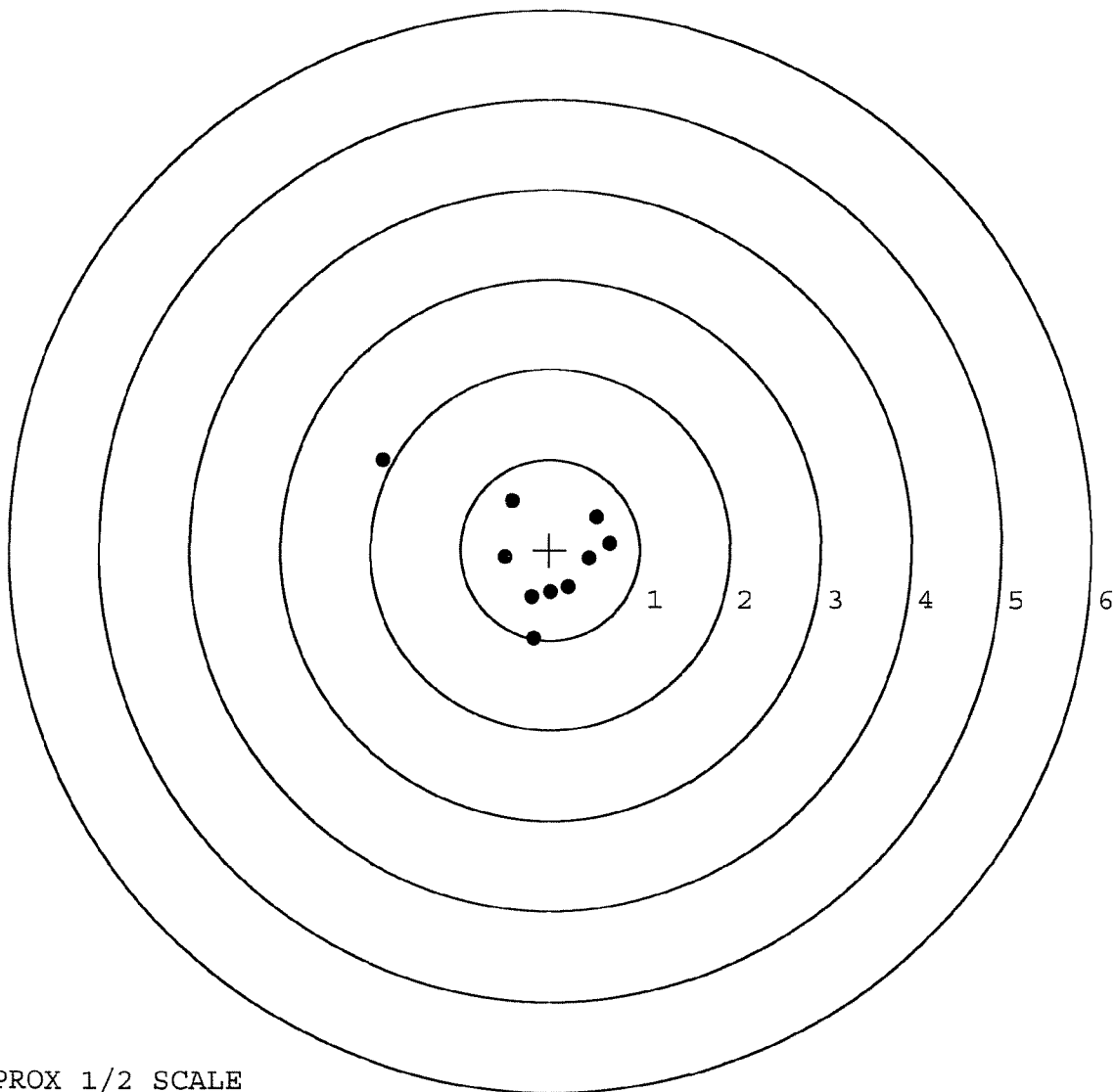
TARGET APPROX 1/2 SCALE

BARBER - M24 0007323

SERIAL NUMBER: C6498767. __0
 TARGET NUMBER: 2
 FILE DATE: 06/01/2007
 FILE TIME: 15:38

POINT#	X	Y
1:	-0.430	0.541
2:	-0.501	-0.082
3:	0.518	0.365
4:	0.663	0.068
5:	0.435	-0.096
6:	0.211	-0.416
7:	0.011	-0.470
8:	-0.201	-0.521
9:	-0.180	-0.984
10:	-1.861	0.993

X CENTROID: -0.134
 Y CENTROID: -0.060
 POA TO CENTROID: 0.146
 HORZ SPREAD: 2.524
 VERT SPREAD: 1.977
 GROUP SPREAD: 2.688
 MIN RADIUS: 0.368
 MAX RADIUS: 2.023
 MEAN RADIUS: 0.754
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0007324

SERIAL NUMBER: C6498767. __0

TARGET NUMBER: 3

FILE DATE: 06/01/2007

FILE TIME: 15:38

POINT#	X	Y
1:	0.019	0.742
2:	-0.120	0.702
3:	-0.414	0.326
4:	-0.050	0.250
5:	0.378	0.483
6:	-0.031	0.136
7:	-0.015	0.111
8:	0.111	-0.004
9:	-0.079	-0.150
10:	-0.395	-0.052

X CENTROID: -0.060

Y CENTROID: 0.254

POA TO CENTROID: 0.261

HORZ SPREAD: 0.792

VERT SPREAD: 0.892

GROUP SPREAD: 0.897

MIN RADIUS: 0.011

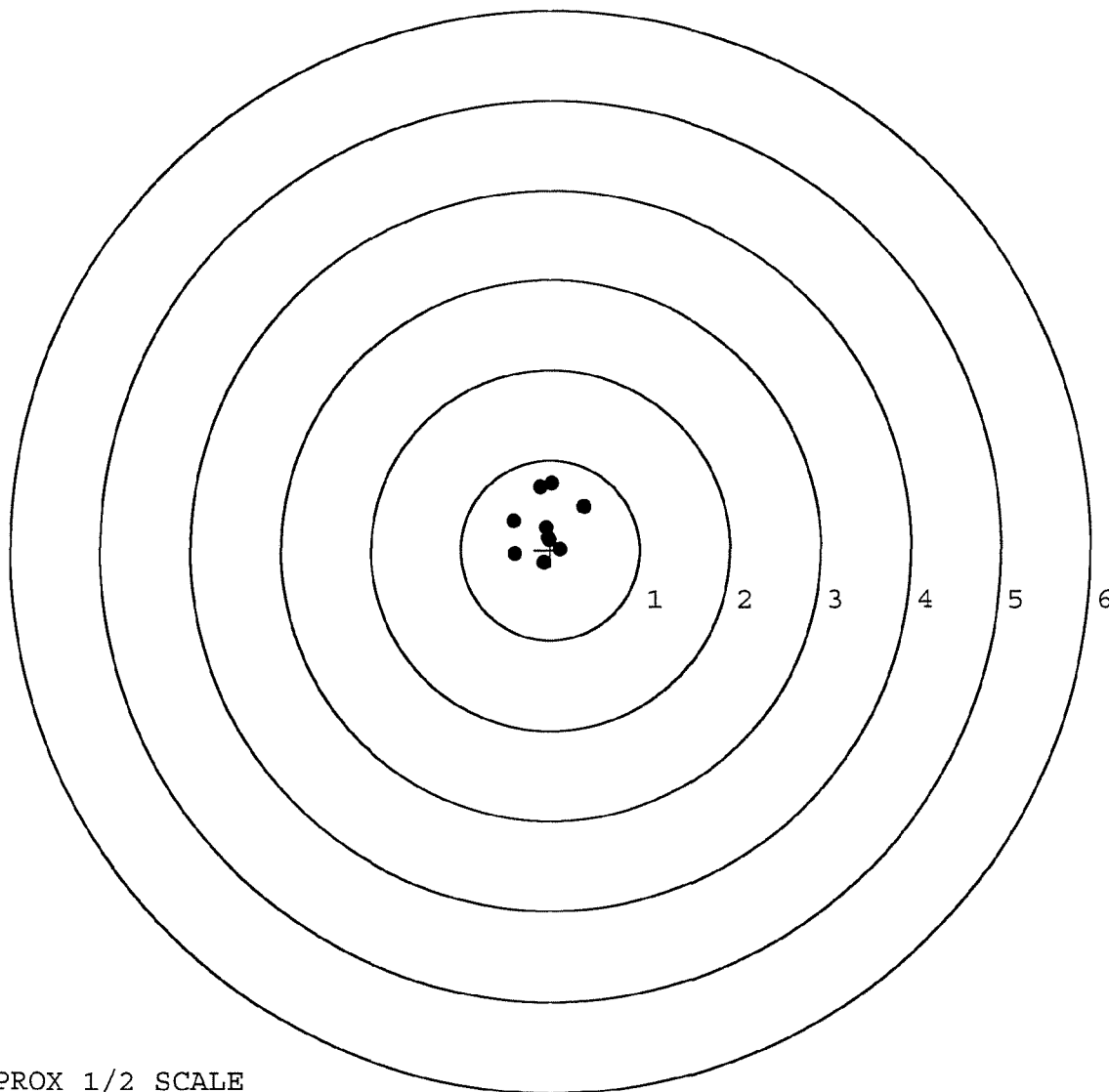
MAX RADIUS: 0.494

MEAN RADIUS: 0.325

IN 1 IN DIAMETER: 10

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0007325

SERIAL NUMBER: C6498767. __0

TARGET NUMBER: 4

FILE DATE: 06/01/2007

FILE TIME: 15:38

POINT#	X	Y
1:	-0.281	-0.111
2:	-0.349	0.132
3:	-0.387	0.119
4:	-0.216	0.079
5:	-0.953	-0.319
6:	-0.540	-0.460
7:	-1.009	-0.769
8:	0.221	-1.066
9:	0.102	-1.529
10:	-0.239	-0.123

X CENTROID: -0.365

Y CENTROID: -0.405

POA TO CENTROID: 0.545

HORZ SPREAD: 1.230

VERT SPREAD: 1.661

GROUP SPREAD: 1.721

MIN RADIUS: 0.183

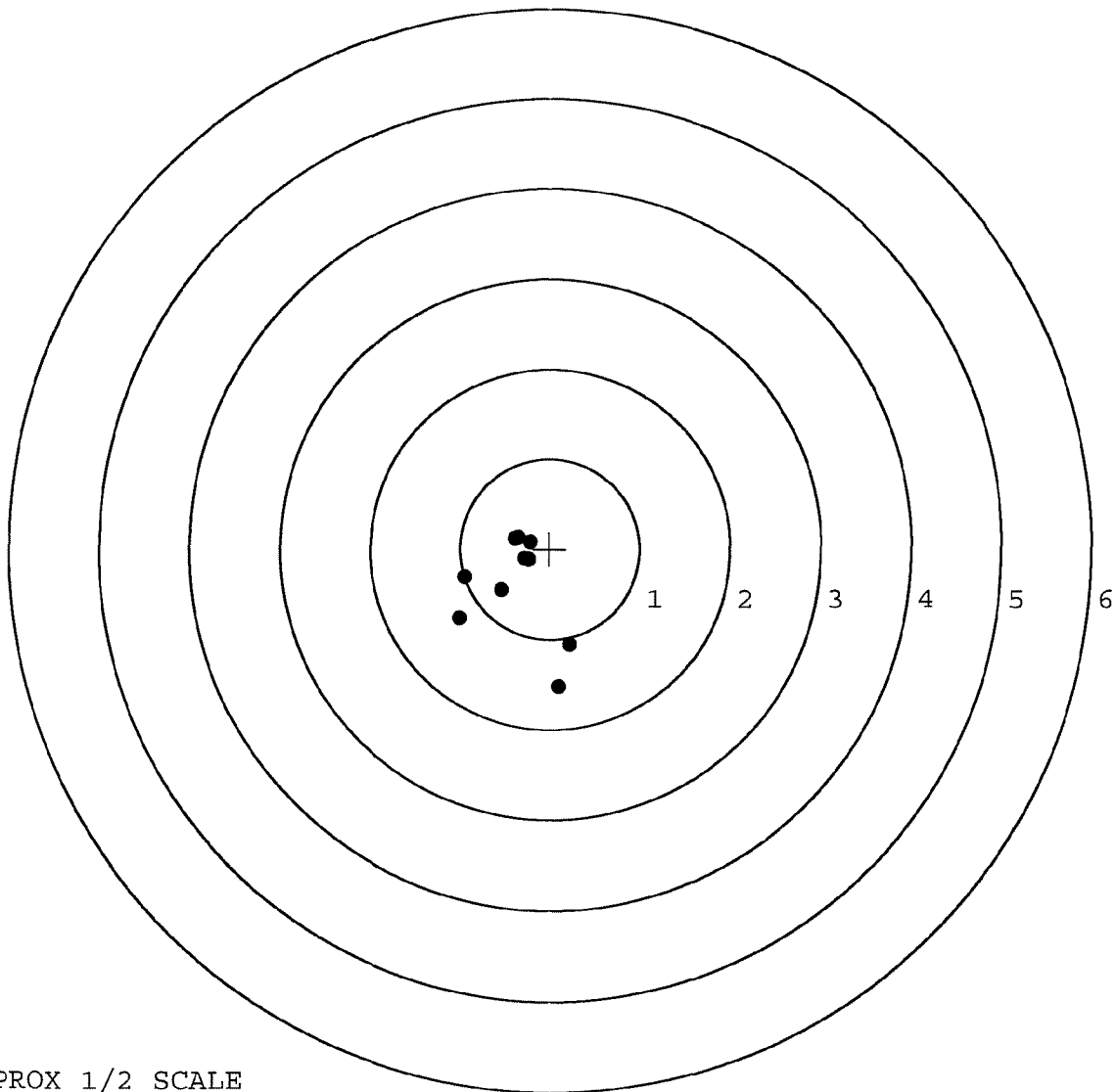
MAX RADIUS: 1.217

MEAN RADIUS: 0.580

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0007326

SERIAL NUMBER: C6498767. __0

TARGET NUMBER: 5

FILE DATE: 06/01/2007

FILE TIME: 15:38

POINT#	X	Y
1:	0.229	0.305
2:	0.444	0.228
3:	0.463	0.045
4:	0.298	0.155
5:	0.102	-0.182
6:	0.706	-0.259
7:	0.676	-0.839
8:	-0.169	-0.805
9:	-0.479	-0.461
10:	-0.475	-0.021

X CENTROID: 0.179

Y CENTROID: -0.183

POA TO CENTROID: 0.257

HORZ SPREAD: 1.185

VERT SPREAD: 1.144

GROUP SPREAD: 1.412

MIN RADIUS: 0.078

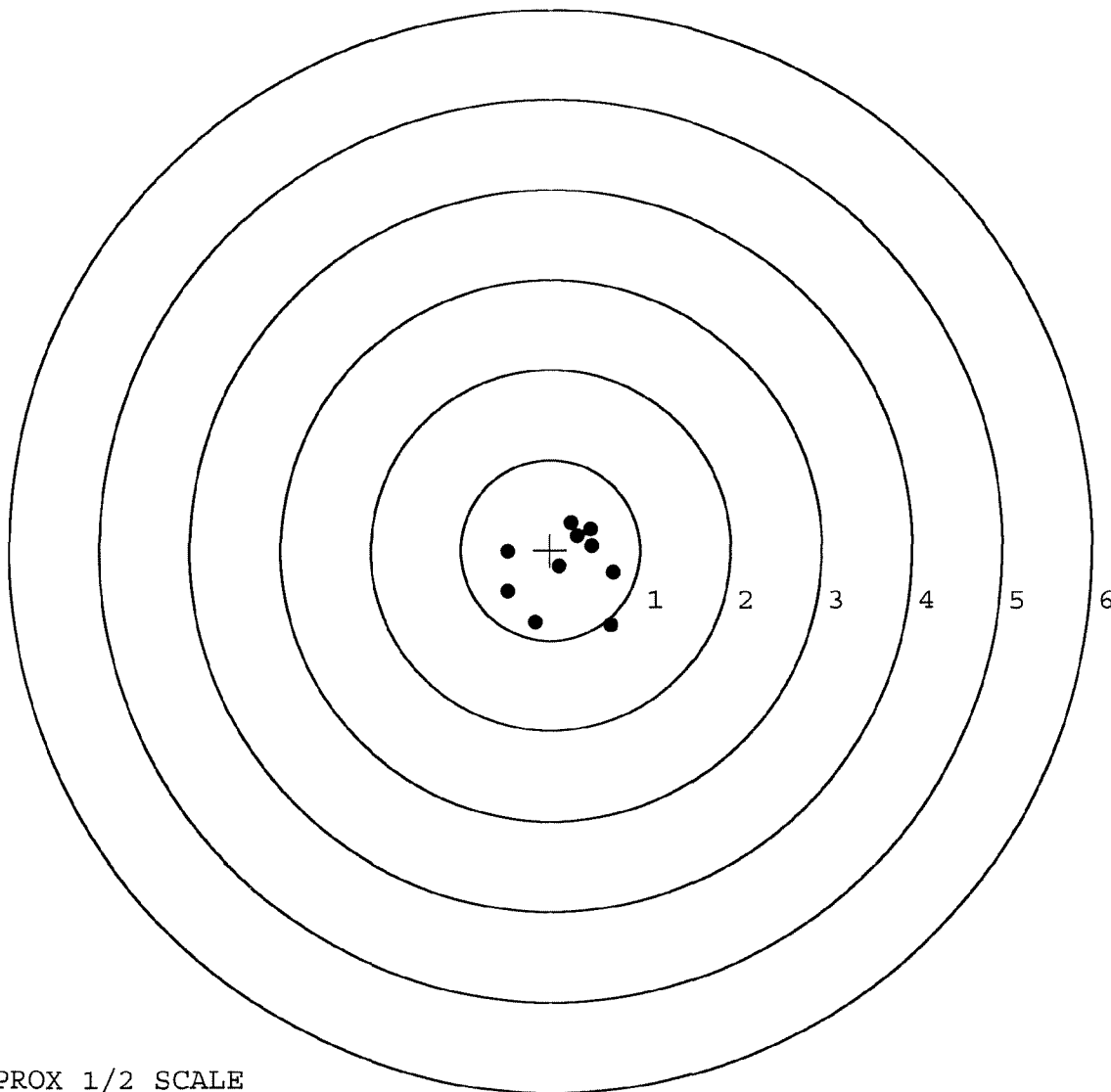
MAX RADIUS: 0.822

MEAN RADIUS: 0.524

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 5-16-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.84	2.66		2.66	
PULL #2	2.82	2.59		2.64	
PULL #3	2.86	2.63		2.67	
PULL #4	2.90	2.59		2.66	
PULL #5	2.91	2.59		2.66	
TOTAL	14.33	13.06		13.29	
AVERAGE	2.86	2.61		2.65	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.28		
PULL #2	3.32	3.25		
PULL #3	3.38	3.30		
PULL #4	3.33	3.38		
PULL #5	3.36	3.40		
TOTAL	16.75	16.61		
AVERAGE	3.35	3.32		

	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	4.18	4.14		4.60
PULL #2	4.24	4.10		4.54
PULL #3	4.24	4.22		4.57
PULL #4	4.12	4.25		4.62
PULL #5	4.20	4.26		4.59
TOTAL	20.98	20.97		22.92
AVERAGE	4.19	4.19		4.58

R & E NUMBER		128536		
SERIAL NUMBER		C6498767		
LOG-IN DATE		5-24-07		
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	5-16-07	RTZ	
505	RE-BARREL	5-18-07	RTZ	
560	ASSEMBLE	5-18-07	RTZ	
600	PROOF	5-18-07	TRW	
605	CHECK HEADSPACE	5-18-07	TRW	
610	DIS-ASSEMBLE GUN	5-21-07	RTZ	
612	MAGNAFLUX	5-21-07	unms	
510	DRILL AND TAP	5-21-07	TRW	
615	ROLLMARK CALIBER	5-21-07	CW	
618	ROTO-BLAST	5-22-07	LB	
620	APPLY COATINGS	5-24-07	un	
625	FINAL ASSEMBLY	5-30-07	RTZ	
640	FUNCTION TEST AND	PASS FAIL	6-1-07	TRW
650	TARGET	PASS FAIL	6-1-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-1-07	FM
	A) HEADSPACE	PASS FAIL	6-8-07	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.52 2.49 2.53 2.52 2.51	6-4-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	50 50 50	6-1-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	22.5 2.5 30	6-1-07 DA
	I) FIRING PIN INDENT	.020	.024 1.024 0.24	6-1-07 DA
690	PACK		6-8-07	DA

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG			PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(RT)
SECTION I - CUSTOMER DATA			SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER W40650	1b. CUSTOMER UNIT NAME C63/SFG(A)	1c. PHONE NO 6116	3a. WORK ORDER NUMBER (WON)		3b. SHOP
2a. SAMS-2 UIC/SAMS-I/DA		2b. UTILIZATION CODE	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME
SECTION III - EQUIPMENT DATA					
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005-01-240-2136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL M24		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS	
9. NOUN 7.62mm m24 Sniper				M K	
10a. ORG WON/DOC NO		10b. EIC		H R	
11. SERIAL NUMBER See Below	12. QTY 9001	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N) Y
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			20. ADMIN NO		
			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
			22. LEVEL OF WORK		
			23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)					
25. REMARKS SN#: C6498767 Round count over 3000					

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
 Block 1b. Enter name of submitting organization.
 Block 1c. Enter number to be called when maint. is completed.
 Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/DA if work is requested while intransit and away from your support maintenance unit.
 Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
 Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
 Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
 Block 7. Enter the NSN or stock number of the item being submitted.
 Block 8. Enter model of item being submitted.
 Block 9. Enter noun/nomenclature of item being submitted.
 Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.
 Block 10b. Enter End Item Code. See AMDF.
 Block 11. Enter serial number of item being submitted.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
 Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
 Block 14. For DSU, GSU/AVIM, DEPOT use.
 Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
 Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
 Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
 Block 17. Enter the project code if one has been assigned. If not, leave blank.
 Block 18. See DA Pamphlets 738-750 and 738-751.
 Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
 Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
 Block 21. For DSU/GSU/AVIM/Depot use.
 Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
 Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
 Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
 Block 25. Self-explanatory.

34a. SUBMITTED BY J. P. [Signature]	35a. ACCEPTED BY	35c. DATE
34b. DATE 6025	35b. STATUS	35d. TIME

Block 34a. Enter first initial and last name of submitter.
 Block 34b. Enter ordinal date submitted (YYDDD).
 Block 35a. Enter first initial and last name of person accepting maint. request.
 Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.
 Block 35c. Enter ordinal date accepted (YYDDD).
 Block 35d. Enter military time.

[illegible]

NMP COPY 2

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 96-04789

INITIAL FPS	CUSTOMER ORDER NO.					M-24 SNIPER W/10X LEUPOLD SCOPE, & SCOPE CASE				
DATE RECEIVED 02/12/96	DATE OPENED 02/12/96	DATE CODE	SERIAL NUMBER C6498767	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO					
ACCESSORIES HARD CASE		SCOPE MNTS		SCOPE BASE		W/STUDS		W/SWIVELS		

FROM:

SHIP TO:

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY 42223

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY
42223

CUST NO: 137790 C.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0007370

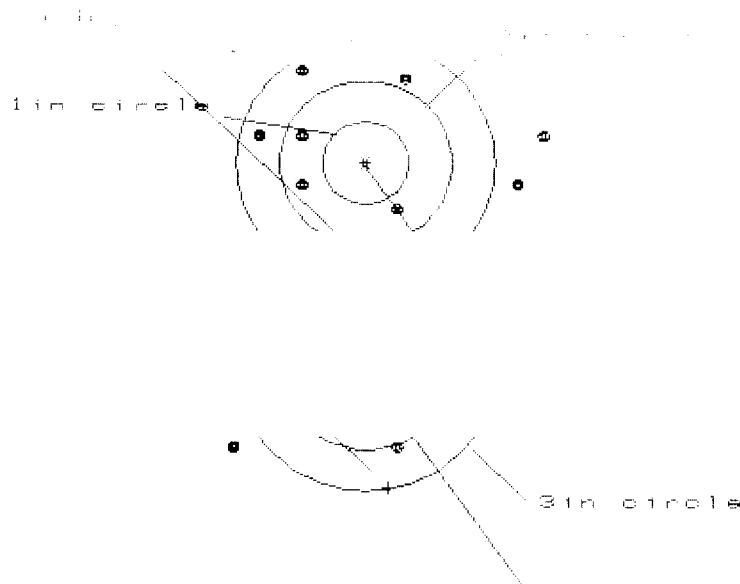
2/13/96

6495767

11-11-96

FILE: PATTERNING/CENTERFIRE_PATT/0007332

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

CENTROID *

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.572

VS= 2.094

GS= 3.790

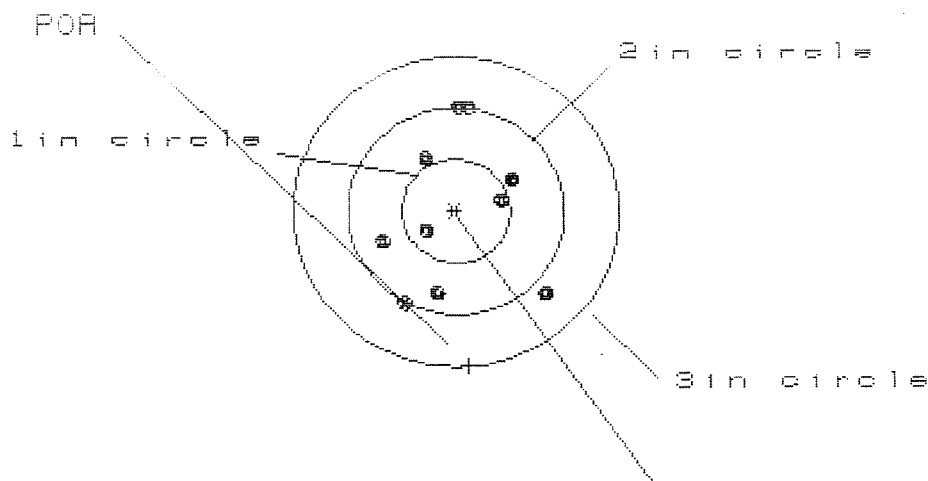
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.080	1.944	1.787
MINIMUM X	-1.492	-1.261	-1.178
MAXIMUM Y	1.117	1.149	1.031
MINIMUM Y	-1.977	-1.945	-1.036
CENTROID X	-1.263	-1.494	-1.237
CENTROID Y	1.467	1.435	1.553
RUN TO CENTROID in.	1.491	1.518	1.589
4IN RADIUS	.674	.552	.696
4IN RADIUS	1.260	1.128	1.081
4IN RADIUS	2.100	1.958	1.821
HORIZONTAL SPREAD	3.572	3.205	2.965
VERTICAL SPREAD	2.094	2.094	2.067
EXTREME SPREAD	3.790	3.283	3.021
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	7	

Previous
AMR
.8

13 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS438767

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

CENTROID #

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.508

VS= 1.935

GS= 1.998

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.867	.602	.554
MINIMUM X	-.641	-.545	-.593
MAXIMUM Y	1.009	.923	.797
MINIMUM Y	-.926	-1.012	-.982
CENTROID X	-.120	-.216	-.168
CENTROID Y	1.489	1.575	1.701
POA TO CENTROID in.	1.494	1.590	1.710
MIN RADIUS	.389	.382	.394
MEAN RADIUS	.765	.713	.654
MAX RADIUS	1.158	1.082	.988
HORIZONTAL SPREAD	1.508	1.147	1.147
VERTICAL SPREAD	1.935	1.935	1.779
EXTREME SPREAD	1.990	1.990	1.784
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

Previous
AMR
.8

Remington[®]  REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

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

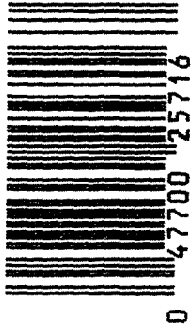
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6498767	ORDER NO. 5716
-------------------------------	--------------------------



5716 C6498767

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498767

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	90	RW
600	Proof	5 2	90	RW
607	Check Headspace	5 2	90	RW
610	Dis-assemble Gun	5 2	90	RW
612	Magnaflux Barrel Action	5-8-90		KCR
	Magnaflux Bolt	5-8-90		KCR
615	Rollmark Caliber		5-8-90	CS
617	Drill and Tap Sight Holes		5-9-90	WB
618	Polish Barrel AB		5-10-90	WB
620	Apply Coatings (Barrel Action)		5-16-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/90	RW
	C) Inspect Ejector Hole for Chamfer		5/18/90	RW
	D) Oil Firing Pin Ass'y		5/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/22/90	TH

BARBER - M24 0007336		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			5/22/90	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			5/22/90	WB
	H) Trigger Pull Test & Retainability						5/22/90	JH
	I) Firing Pin Indent	.0235	.0235	.0235			5/22/90	WB
	J) Assemble Stock						5/22/90	RW
	K) Assemble Swivel Studs						24 May 90	JS
	L) Attach Front and Rear Sight Assemblies						5/22/90	RW
	M) Iron Sight Alignment						5/22/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/22/90	RW
	O) Attach Scope to Rifle						5/22/90	WB
	P) Detach & Attach Scope 20 Times						5/22/90	WB
640	Gallery Target & Test						5-23-90	DH
	A) Time						5-23-90	DH
	B) Malfunctions						5-23-90	DH
	C) Pierced Primers						5-23-90	DH
	D) Optical Clarity of Scope						5-23-90	DH
645	Inspect for Live Ammo						5-23-90	DH
655	Final Inspection							
	A) Headspace						24 May 90	JS
	B) Trigger Pull	221	205	212	213	218	24 May 90	JS
	C) Function						24 May 90	JS
660	Pack						6/20/90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6498767

DATE 5/22/90

TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.29	2.30	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.56	2.57	2.05	
PULL #3	2.49	2.51	2.54	2.12	
PULL #4	2.31	2.50	2.44	2.13	
PULL #5	2.50	2.38	2.55	2.18	
TOTAL	12.13	12.24	12.40		
AVG.	2.426	2.448	2.48		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.14		
PULL #2	3.25	3.47		
PULL #3	3.31	3.31		
PULL #4	3.26	3.10		
PULL #5	3.12	3.10		
TOTAL	16.28	16.12		
AVG.	3.256	3.224		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.50		4.14
PULL #2	4.08	4.48		4.24
PULL #3	4.09	4.50		4.01
PULL #4	4.13	4.49		4.04
PULL #5	4.20	4.46		4.14
TOTAL	21.03	22.43		20.57
AVG.	4.206	4.486		4.114

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498767
24 May 1990

CENTROIDAL DISTANCES

0 TO	1	.505998
1 TO	2	.58411
1 TO	3	.427376
1 TO	4	.510758
1 TO	5	.574669

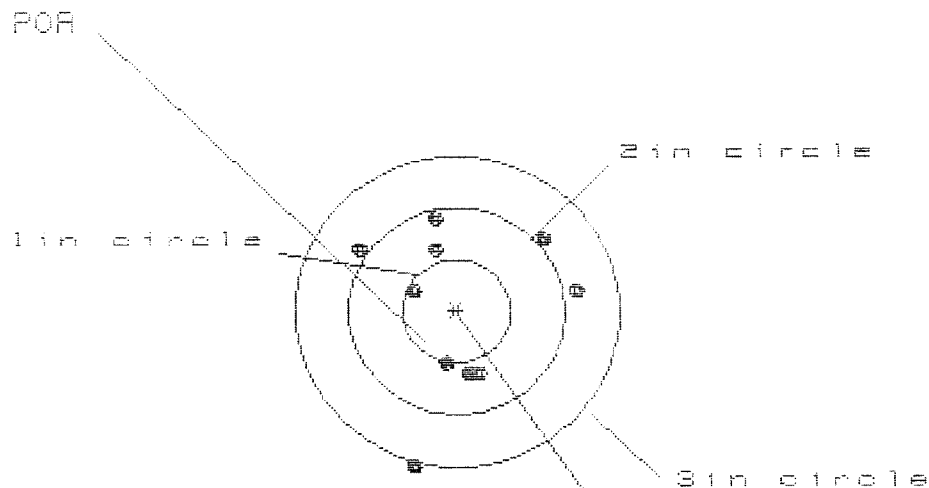
1
2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0976
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0993193
THE AMF FOR THIS RIFLE IS: .8

23 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498767

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 1.999

VS= 2.439

GS= 2.571

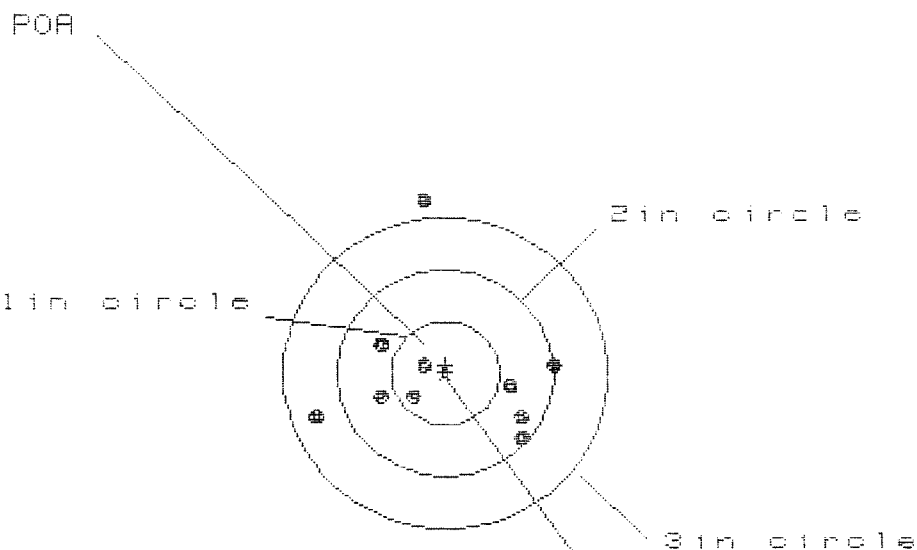
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	1.008	.884
MINIMUM X	:	-.942	-.991	-.534
MAXIMUM Y	:	.893	.721	.773
MINIMUM Y	:	-1.546	-.791	-.739
CENTROID X	:	.095	.144	.268
CENTROID Y	:	.497	.669	.617
POA TO CENTROID in.	:	.506	.685	.672
MIN RADIUS	:	.412	.411	.540
MEAN RADIUS	:	.852	.762	.725
MAX RADIUS	:	1.608	1.076	.891
HORIZONTAL SPREAD	:	1.999	1.999	1.418
VERTICAL SPREAD	:	2.439	1.512	1.512
EXTREME SPREAD	:	2.571	2.031	1.560
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

23 May 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.236

VS = 2.302

GS = 2.473

CENTROID #

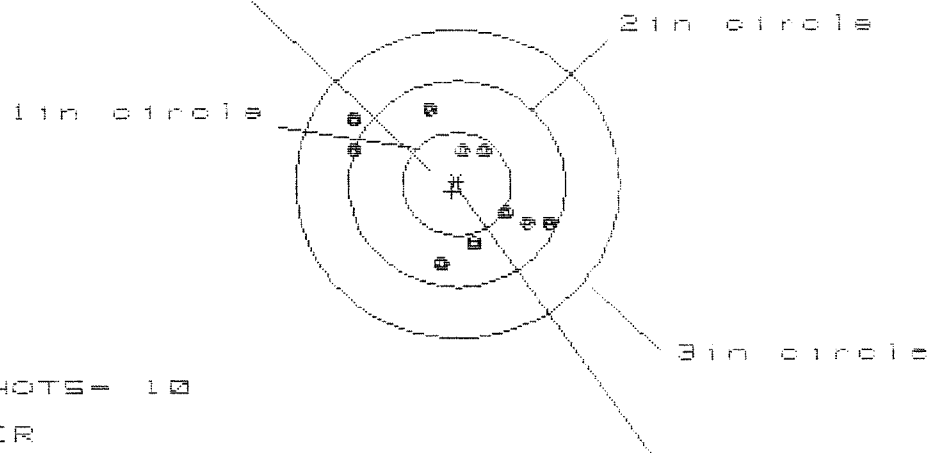
PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	1.022	.870
MINIMUM X	:	-1.188	-1.214	-.783
MAXIMUM Y	:	1.672	.456	.428
MINIMUM Y	:	-.630	-.444	-.472
CENTROID X	:	-.002	.024	.176
CENTROID Y	:	-.079	-.265	-.237
POA TO CENTROID in.	:	.079	.266	.295
MIN RADIUS	:	.212	.310	.441
MEAN RADIUS	:	.828	.719	.652
MAX RADIUS	:	1.689	1.234	.893
HORIZONTAL SPREAD	:	2.236	2.236	1.653
VERTICAL SPREAD	:	2.302	.900	.900
EXTREME SPREAD	:	2.473	2.281	1.675
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	9		

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.846

VS= 1.514

GS= 2.094

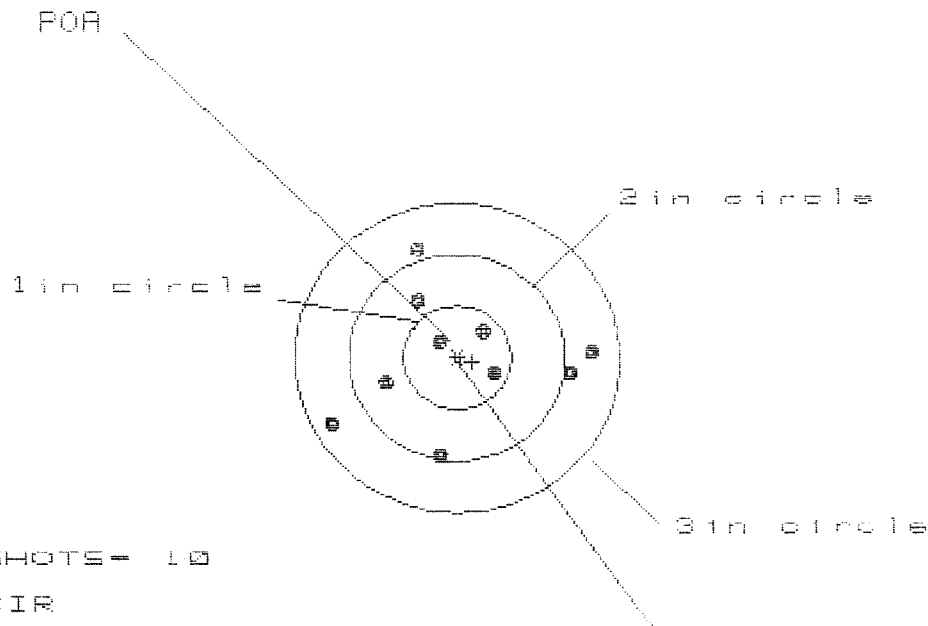
CENTROID #

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.862	.753	.623
MINIMUM X	:	-.984	-1.039	-.456
MAXIMUM Y	:	.742	.807	.856
MINIMUM Y	:	-.772	-.707	-.657
CENTROID X	:	.050	.159	.289
CENTROID Y	:	.072	.007	-.043
POA TO CENTROID in.	:	.087	.159	.292
MIN RADIUS	:	.375	.343	.206
MEAN RADIUS	:	.730	.663	.579
MAX RADIUS	:	1.144	1.111	.970
HORIZONTAL SPREAD	:	1.846	1.792	1.079
VERTICAL SPREAD	:	1.514	1.514	1.514
EXTREME SPREAD	:	2.094	1.936	1.575
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		

23 May 1990

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HO = 2.441

VS = 1.969

OS = 2.551

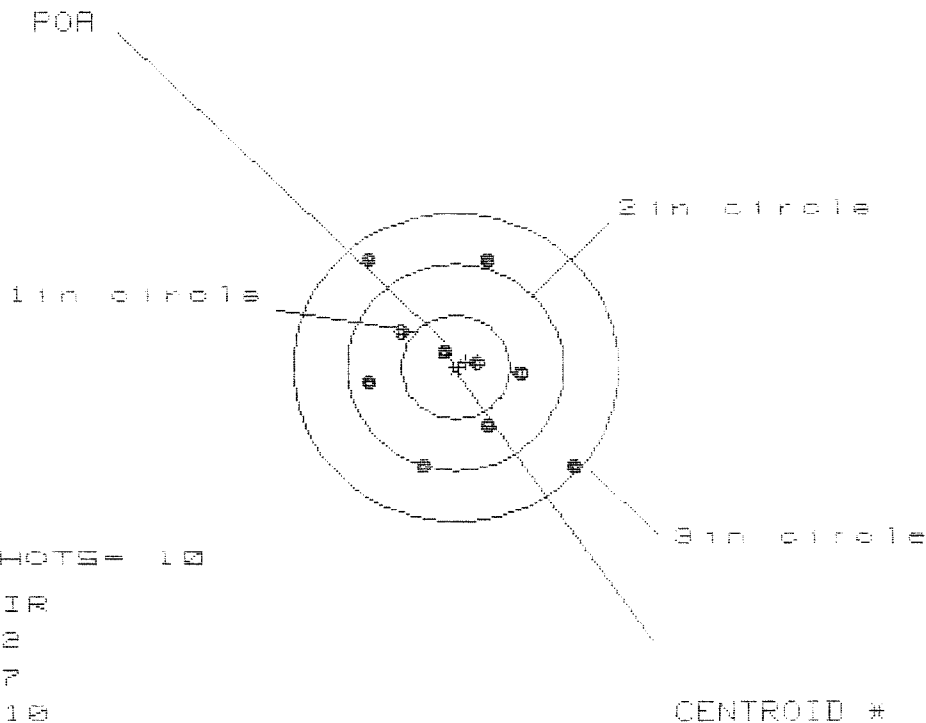
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.270	1.140	1.001
MINIMUM X	:	-1.171	-.764	-.622
MAXIMUM Y	:	1.068	.993	.992
MINIMUM Y	:	-.901	-.976	-.977
CENTROID X	:	-.139	-.009	-.151
CENTROID Y	:	.043	.118	.119
POA TO CENTROID in.	:	.145	.118	.193
MIN RADIUS	:	.186	.206	.138
MEAN RADIUS	:	.796	.722	.659
MAX RADIUS	:	1.352	1.140	1.048
HORIZONTAL SPREAD	:	2.441	1.904	1.623
VERTICAL SPREAD	:	1.969	1.969	1.969
EXTREME SPREAD	:	2.551	1.978	1.978
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.925

VS= 2.072

GS= 2.755

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.097	.705	.622
MINIMUM X	-.828	-.706	-.789
MAXIMUM Y	1.084	.974	1.089
MINIMUM Y	-.988	-1.015	-.900
CENTROID X	-.096	-.218	-.135
CENTROID Y	-.045	.065	-.050
POA TO CENTROID (in.)	.106	.227	.144
MIN RADIUS	.157	.076	.152
MEAN RADIUS	.794	.712	.650
MAX RADIUS	1.476	1.130	1.147
HORIZONTAL SPREAD	1.925	1.411	1.411
VERTICAL SPREAD	2.072	1.989	1.989
EXTREME SPREAD	2.755	2.078	2.078
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	