

C6522147

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

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: **RE00110481** Serial: C6522147 Model: M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Repairman: Status: Closed 3/29/2006 11:41:36 AM

Address Information

Customer: Received From: Return To: Received From:

Name: C CO 3/89TH CAV C CO 3/89TH CAV

Address 1: 1052 ALABAMA AVE SUITE 103 1052 ALABAMA AVE SUITE 103

Address 2: PD Box: PD Box:

City: FORT POLK FORT POLK

State: LA Zip Code: 71459 Country: US State: LA Zip Code: 71459 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
C000	FRT AND REAR SGT	1

Repair Search Refresh Close

naglet 3/29/2006 12:46 PM CAPS NUM INS SCRL

start 4 M. Ar... 3 M. 2 I.. Pa... En... My... Re... 12:46 PM

Serial Number: **C6522147**

Model: **M24 SWS**

RE00110481

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522147.__0

FILE DATE AND TIME: 04/13/2006 14:45

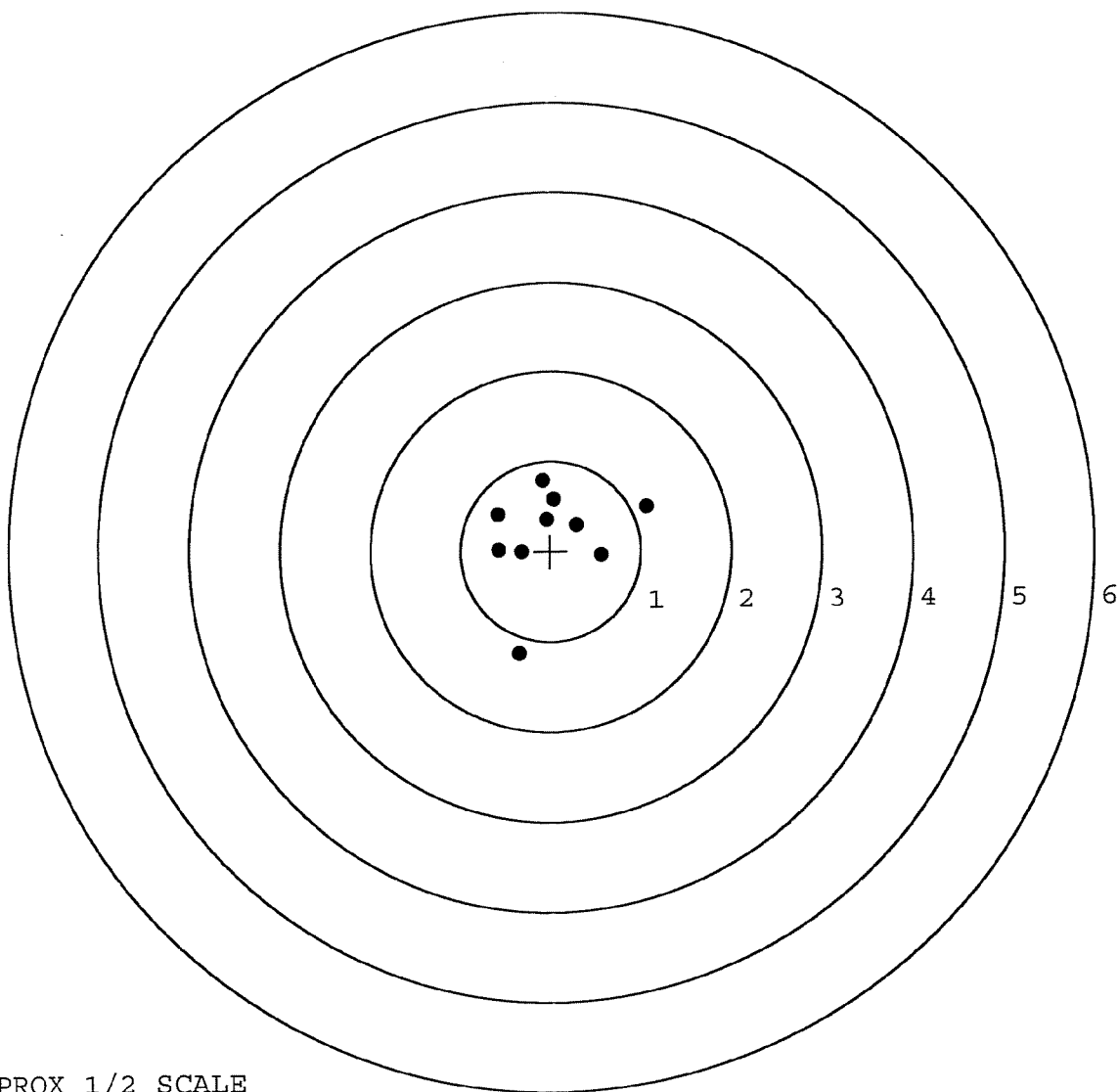
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.155
The Average Y Centroid of the Five Target Set:	0.235
The Average Point of Impact of the Five Target Set:	0.282
The Average Mean Radius of the Five Target Set:	0.597
The Distance from POA to Centroid Target #1:	0.172
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.485
The Distance from Centroid Target #4 to Centroid Target #1:	0.423
The Distance from Centroid Target #5 to Centroid Target #1:	0.426

SERIAL NUMBER: C6522147. 0
TARGET NUMBER: 1
FILE DATE: 04/13/2006
FILE TIME: 14:45

X CENTROID: -0.001
Y CENTROID: 0.172
POA TO CENTROID: 0.172
HORZ SPREAD: 1.643
VERT SPREAD: 1.920
GROUP SPREAD: 2.157
MIN RADIUS: 0.185
MAX RADIUS: 1.358
MEAN RADIUS: 0.619
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.061	0.485
2:	0.566	-0.047
3:	-0.358	-1.139
4:	-0.582	0.413
5:	-0.576	0.016
6:	-0.320	-0.013
7:	0.288	0.290
8:	-0.045	0.351
9:	-0.085	0.781
10:	0.042	0.579

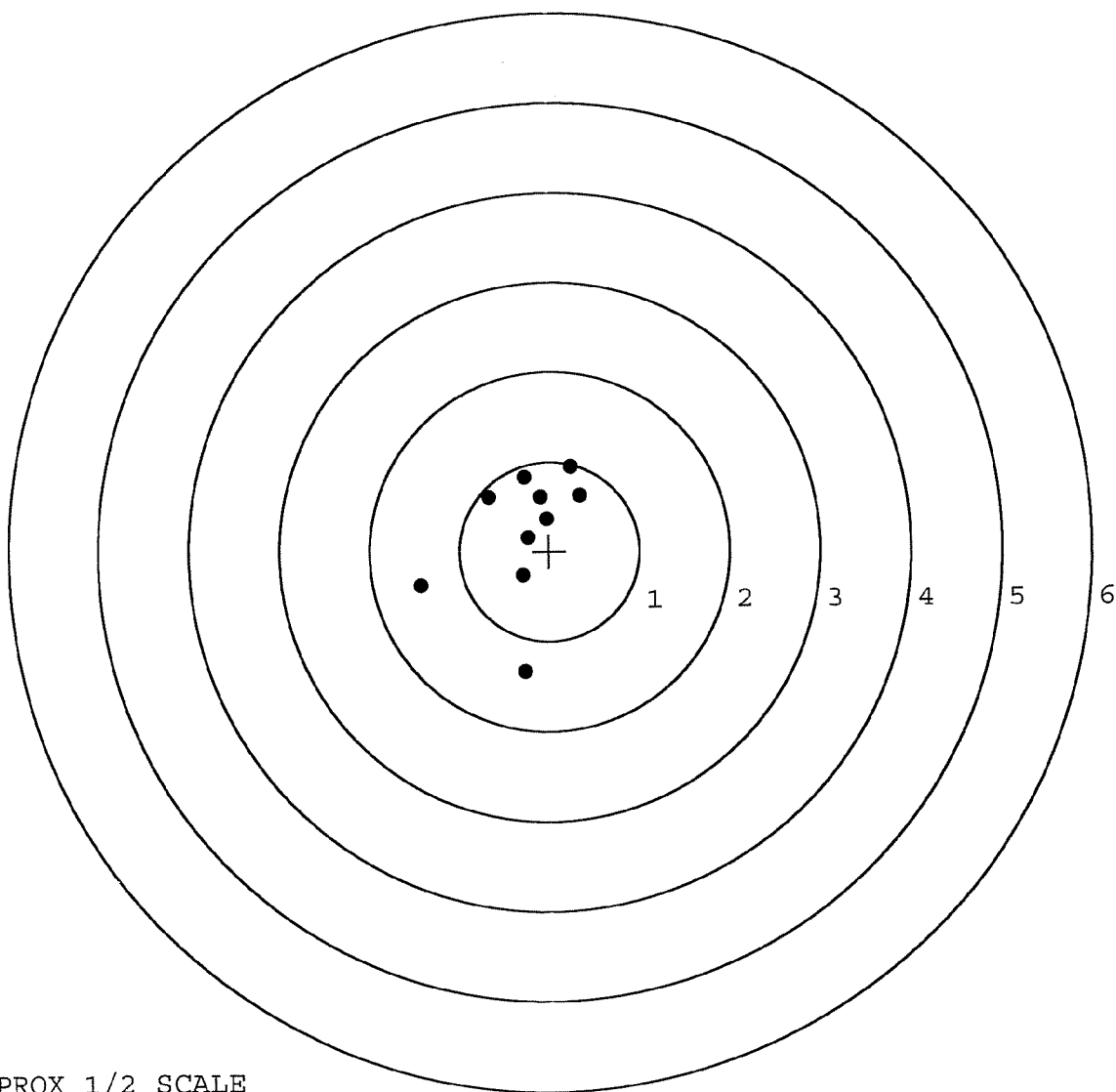


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522147. __0
TARGET NUMBER: 2
FILE DATE: 04/13/2006
FILE TIME: 14:45

X CENTROID: -0.273
Y CENTROID: 0.214
POA TO CENTROID: 0.347
HORZ SPREAD: 1.772
VERT SPREAD: 2.285
GROUP SPREAD: 2.343
MIN RADIUS: 0.066
MAX RADIUS: 1.557
MEAN RADIUS: 0.693
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.241	0.942
2:	0.341	0.625
3:	-0.275	0.828
4:	-0.670	0.607
5:	-1.431	-0.379
6:	-0.275	-1.343
7:	-0.295	-0.272
8:	-0.236	0.159
9:	-0.031	0.365
10:	-0.098	0.608

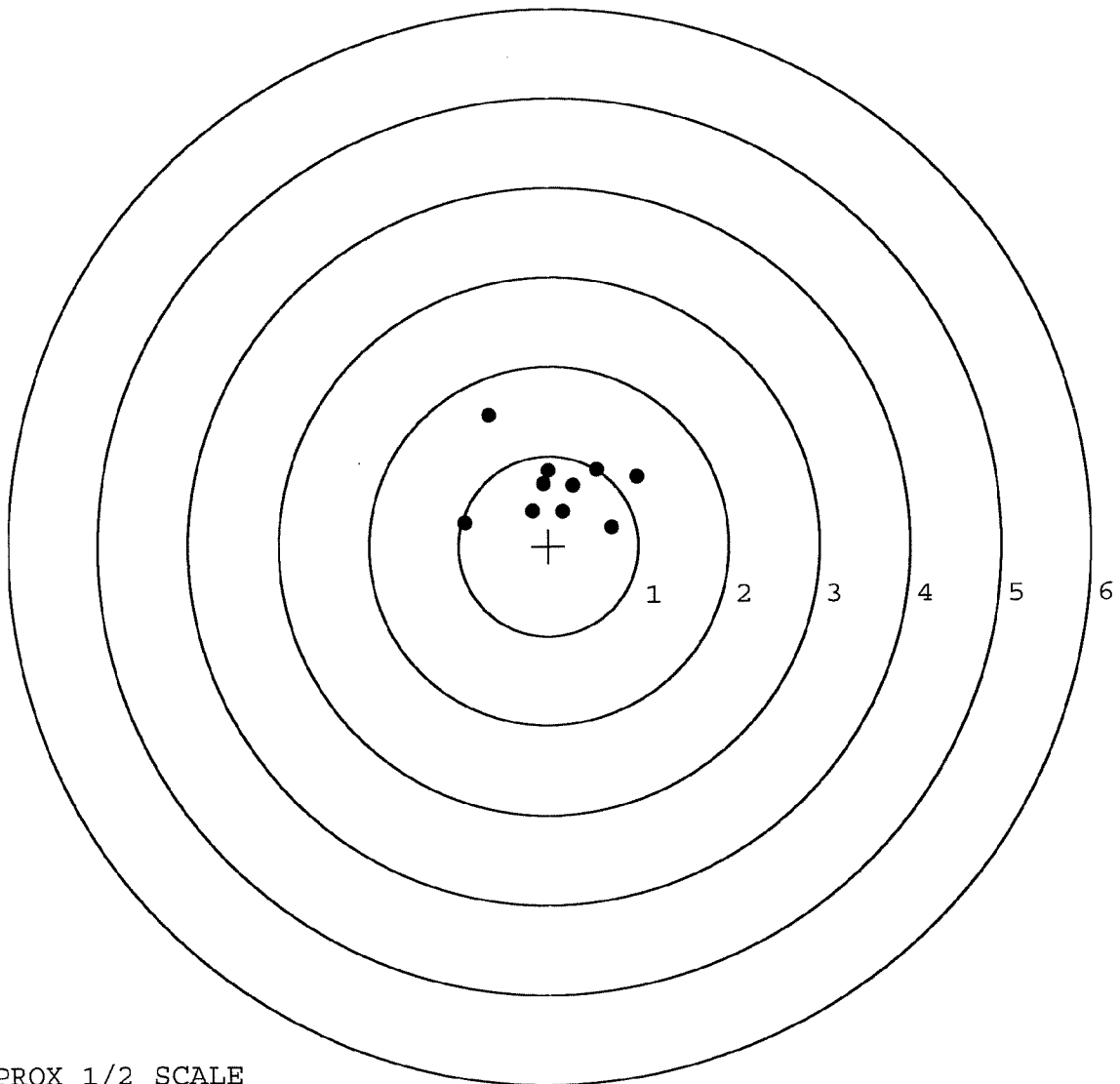


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522147. __0
TARGET NUMBER: 3
FILE DATE: 04/13/2006
FILE TIME: 14:45

X CENTROID: 0.083
Y CENTROID: 0.649
POA TO CENTROID: 0.655
HORZ SPREAD: 1.914
VERT SPREAD: 1.259
GROUP SPREAD: 1.861
MIN RADIUS: 0.148
MAX RADIUS: 1.103
MEAN RADIUS: 0.554
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.982	0.761
2:	0.537	0.842
3:	0.705	0.201
4:	0.004	0.836
5:	0.276	0.669
6:	0.160	0.381
7:	-0.174	0.390
8:	-0.059	0.689
9:	-0.932	0.263
10:	-0.665	1.460



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522147.___0

TARGET NUMBER: 4

FILE DATE: 04/13/2006

FILE TIME: 14:45

POINT#	X	Y
--------	---	---

1:	0.296	0.765
----	-------	-------

2:	-0.208	1.017
----	--------	-------

3:	-0.249	0.701
----	--------	-------

4:	-0.476	0.578
----	--------	-------

5:	-0.481	0.369
----	--------	-------

6:	-0.791	0.286
----	--------	-------

7:	-0.539	0.697
----	--------	-------

8:	-1.260	-0.232
----	--------	--------

9:	-0.611	-0.681
----	--------	--------

10:	0.464	-0.034
-----	-------	--------

X CENTROID: -0.385

Y CENTROID: 0.347

POA TO CENTROID: 0.518

HORZ SPREAD: 1.724

VERT SPREAD: 1.698

GROUP SPREAD: 1.745

MIN RADIUS: 0.098

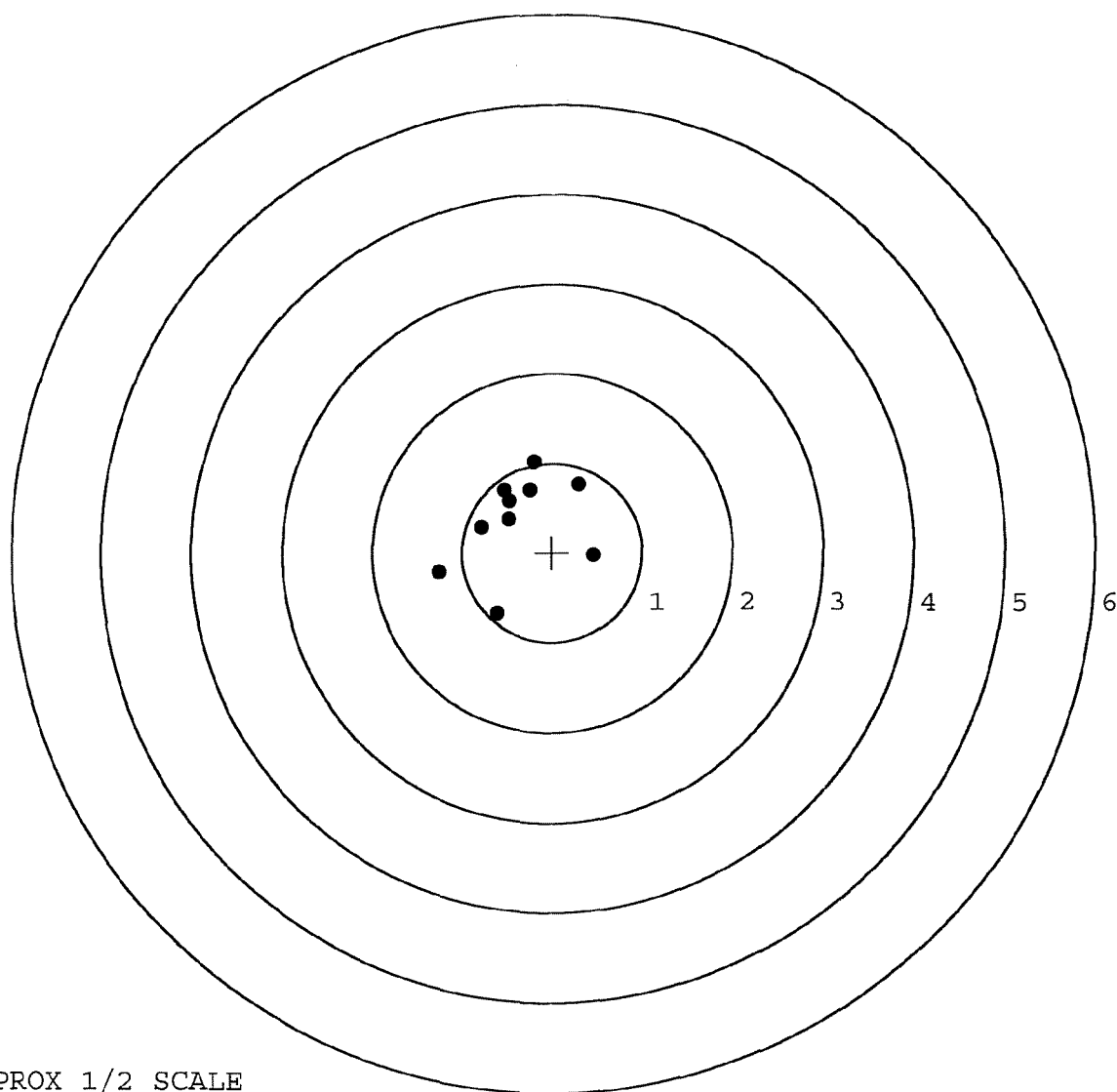
MAX RADIUS: 1.052

MEAN RADIUS: 0.604

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522147. 0

TARGET NUMBER: 5

FILE DATE: 04/13/2006

FILE TIME: 14:45

POINT#	X	Y
--------	---	---

1:	-0.772	0.562
----	--------	-------

2:	-0.559	0.448
----	--------	-------

3:	-0.663	-0.219
----	--------	--------

4:	-0.516	-0.616
----	--------	--------

5:	-0.159	-0.178
----	--------	--------

6:	0.251	-0.233
----	-------	--------

7:	0.657	-0.494
----	-------	--------

8:	0.231	-0.572
----	-------	--------

9:	-0.419	-0.428
----	--------	--------

10:	-0.037	-0.325
-----	--------	--------

X CENTROID: -0.199

Y CENTROID: -0.206

POA TO CENTROID: 0.286

HORZ SPREAD: 1.429

VERT SPREAD: 1.178

GROUP SPREAD: 1.777

MIN RADIUS: 0.048

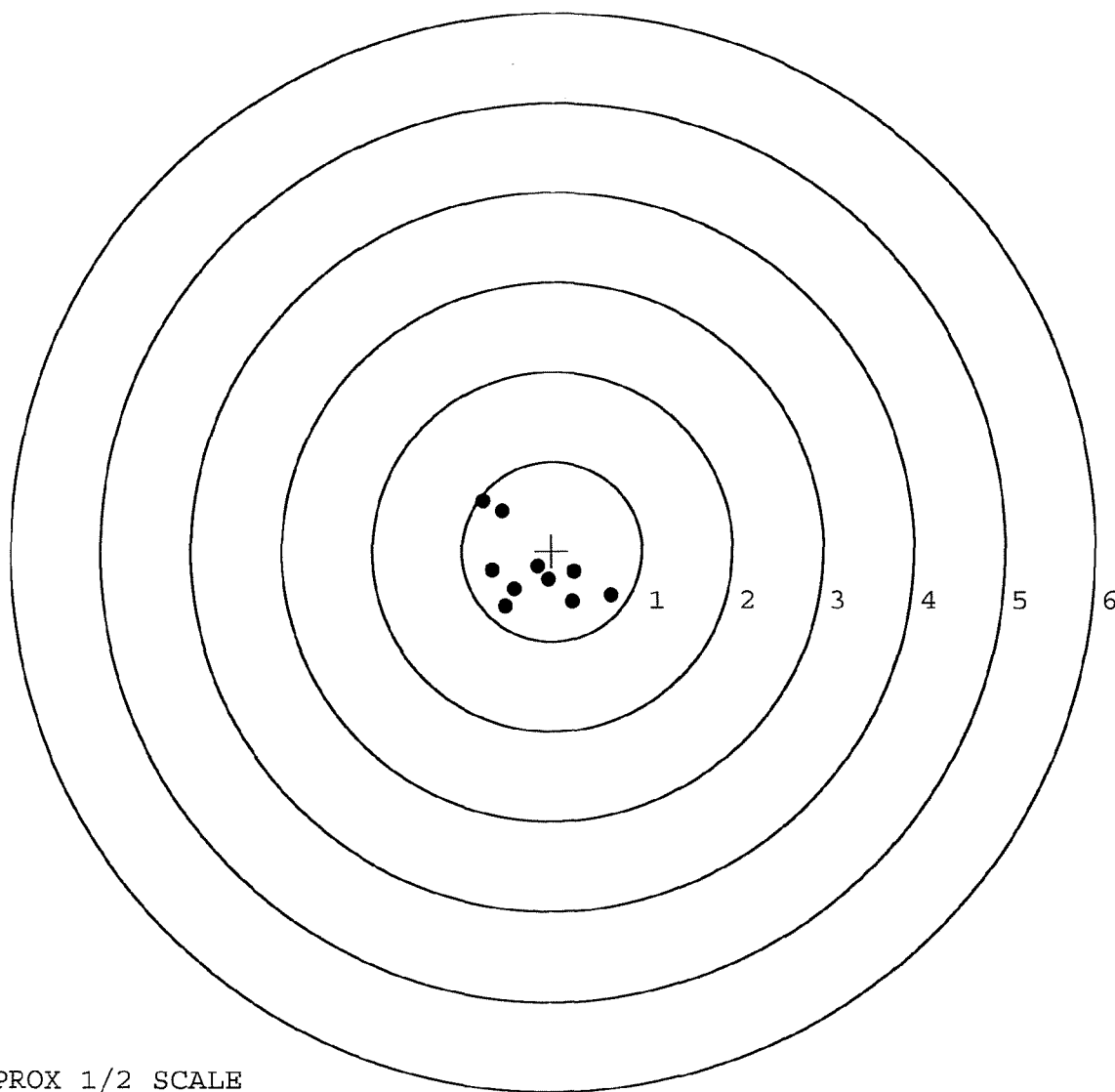
MAX RADIUS: 0.958

MEAN RADIUS: 0.517

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	710481		
SERIAL NUMBER	C6522147		
LOG-IN DATE	3-29-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-3-06	RTZ
560 A	RE-BARREL	4-3-06	RTZ
B	DRILL AND TAP	4-4-06	TRW
575	ASSEMBLE	4-4-06	RTZ
600	PROOF	4-4-06	TRW
605	CHECK HEADSPACE	4-4-06	TRW
610	DIS-ASSEMBLE GUN	4-4-06	RTZ
612	MAGNAFLUX	4-5-06	APP
615	ROLLMARK CALIBER	4-5-06	CLW
618	ROTO-BLAST	4-5-06	LB
620	APPLY COATINGS	4/6/06	TRB
625 A	FINAL ASSEMBLY	4-10-06	RTZ
B	TRIGGER PULL TEST	4-17-06	AK
C	SAFETY "ON" FORCE	4-17-06	AK
D	SAFETY "OFF" FORCE	4-17-06	AK
E	FIRING PIN INDENT	4-17-06	AK
640	TARGET	4-13-06	MTW
655	FINAL INSPECT	4-17-06	AK
660	PACK	4-18-06	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

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(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WJKPGO		1b. CUSTOMER UNIT NAME Ceo 389 Cav		1c. PHONE NO 531-8281		3a. WORK ORDER NUMBER (WON)	
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE		2c. MCSR		4a. UIC SUPPORT UNIT	
						4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE		6. ID		7. NSN 1405012402136		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751	
8. MODEL M24		9. NOUN Sniper Rifle		10a. ORG WON/DOC NO		10b. EIC	
11. SERIAL NUMBER 44522147		12. QTY 1		13. PD 05		17. PROJECT CODE (if assigned)	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)	
				21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		20. ADMIN NO	
				22. LEVEL OF WORK		23. SIGNATURE Jon R. Gardner Commanding	
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (do not IN prescribe repairs) The weapon is showing signs of being shot out the round count							
25. REMARKS 15 7, 858 rounds Poc: Ssg Thomas Bailey 337-53-8287							
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/TDA 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 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		35a. ACCEPTED BY		35c. DATE		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.	
34b. DATE		35b. STATUS		35d. TIME			

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

Remington®



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

MODEL 700™ M24

SERIAL NO.

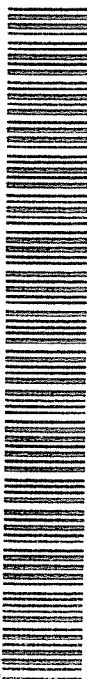
C6522147

ORDER NO.

5716

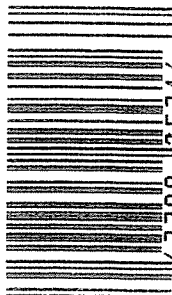
01

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



5716 C6522147

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522147

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	6 29	90	RW
610	Dis-assemble Gun	6 29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR.
615	Rollmark Caliber		7-12-90	G.S.
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel RB		7/16/90	W.C.
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-12-90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/10/90	XL
	G) Safety Off Force	3	3	3			8/10/90	XL
	H) Trigger Pull Test & Retainability						9-12-90	XL
	I) Firing Pin Indent	.0225	.0225	.0225			8/10/90	XL
	J) Assemble Stock						8/13/90	RW
	K) Assemble Swivel Studs						9/12/90	JS
	L) Attach Front and Rear Sight Assemblies						8/13/90	RW
	M) Iron Sight Alignment						8/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/13/90	RW
	O) Attach Scope to Rifle						8/13/90	RW
	P) Detach & Attach Scope 20 Times						8/13/90	RW
640	Gallery Target & Test						8-13-90	XL
	A) Time						"	XL
	B) Malfunctions						"	XL
	C) Pierced Primers						"	XL
	D) Optical Clarity of Scope						"	XL
645	Inspect for Live Ammo						8-13-90	XL
655	Final Inspection							
	A) Headspace						9/12/90	JS
	B) Trigger Pull	2.21	2.35	2.37	2.41	2.37	9-12-90	XL
	C) Function						9/12/90	JS
660	Pack						2/19/90	NF

SWS TRIGGER PULL TEST

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

SERIAL NO C6522147

DATE 9-12-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.40	2.41	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.12	2.38	2.39	2.35	
PULL #3	2.40	2.31	2.37	2.37	
PULL #4	2.44	2.44	2.39	2.41	
PULL #5	2.49	2.41	2.38	2.37	
TOTAL	11.81	11.94	11.94	11.71	
AVG.	2.362	2.388	2.388	2.342	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.28		
PULL #2	3.16	3.27		
PULL #3	3.16	3.26		
PULL #4	3.14	3.29		
PULL #5	3.13	3.30		
TOTAL	15.71	16.40		
AVG.	3.142	3.28		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.12		4.23
PULL #2	4.21	4.34		4.26
PULL #3	4.19	4.14		4.14
PULL #4	4.19	4.27		4.31
PULL #5	4.12	4.22		4.20
TOTAL	20.88	21.09		21.14
AVG.	4.176	4.218		4.228

CENTROIDAL DISTANCES

0	TO	1	.376198
1	TO	2	.21225
1	TO	3	.586059
1	TO	4	.434937
1	TO	5	.0721249

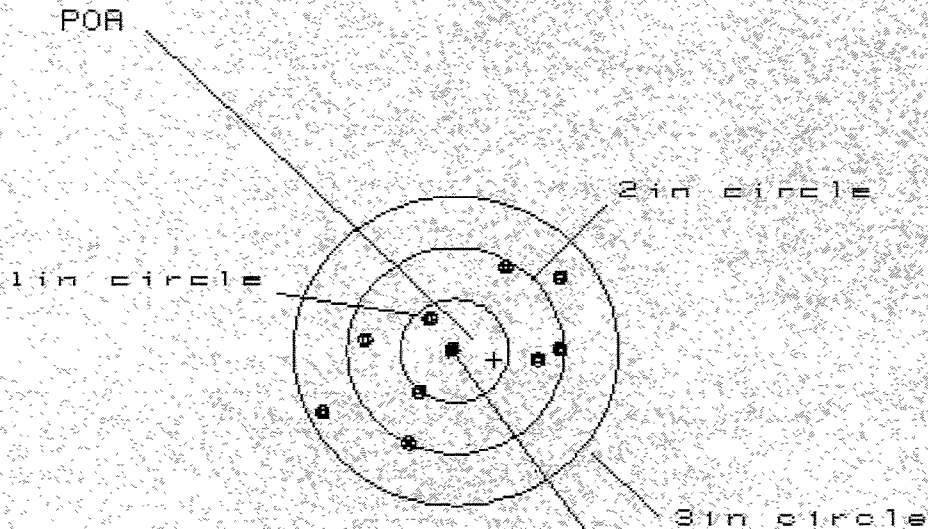
Fig. 4. ----POB

THE AMR FOR THIS RIFLE IS: .9046

13 Aug 1990

FILE: /PATTERNING/CENTERFIRE_PATT/CG522147

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.129

VS= 1.728

GS= 2.473

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.944	.812	.901
MINIMUM X	-1.185	-.942	-.840
MAXIMUM Y	.810	.745	.821
MINIMUM Y	-.918	-.983	-.907
CENTROID X	-.366	-.234	-.336
CENTROID Y	.087	.152	.076
POA TO CENTROID in.	.376	.279	.344
MIN RADIUS	.076	.208	.108
MEAN RADIUS	.784	.729	.675
MAX RADIUS	1.322	1.146	1.030
HORIZONTAL SPREAD	2.129	1.754	1.741
VERTICAL SPREAD	1.728	1.728	1.728
EXTREME SPREAD	2.473	2.121	1.936
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522147

CENTERFIRE PATTERNS

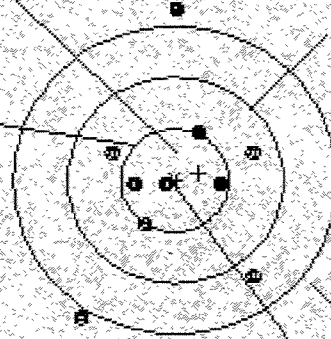
2

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 1.565

VS= 2.988

GS= 3.126

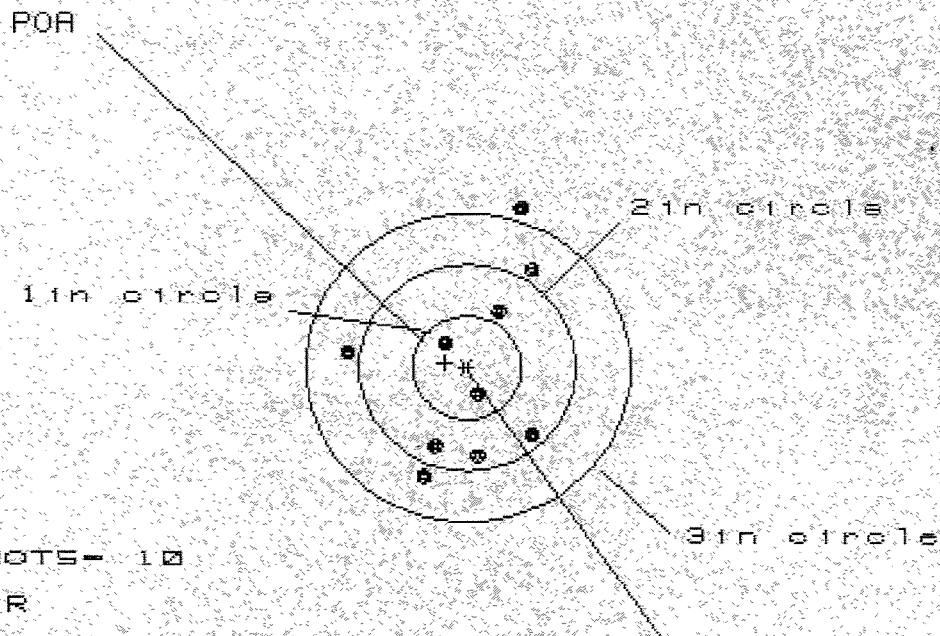
CENTROID #

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.712
MINIMUM X	:	-.853
MAXIMUM Y	:	1.706
MINIMUM Y	:	-1.282
CENTROID X	:	-.221
CENTROID Y	:	-.068
POA TO CENTROID in.	:	.231
MIN RADIUS	:	.080
MEAN RADIUS	:	.778
MAX RADIUS	:	1.707
HORIZONTAL SPREAD	:	1.565
VERTICAL SPREAD	:	2.988
EXTREME SPREAD	:	3.126
NUMBER IN ONE INCH CIRCLE =	:	4
NUMBER IN TWO INCH CIRCLE =	:	7
NUMBER IN THREE INCH CIRCLE =	:	8

13 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522147

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.724

VS= 2.686

GS= 2.836

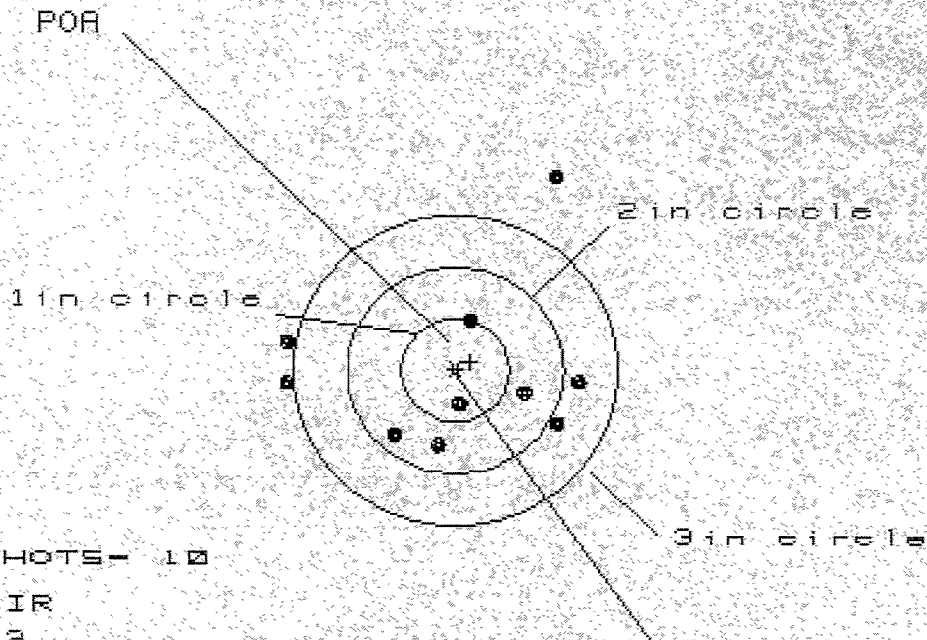
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.616	.669	.622
MINIMUM X	:	-1.108	-1.055	-1.102
MAXIMUM Y	:	1.587	1.098	.983
MINIMUM Y	:	-1.099	-.922	-.774
CENTROID X	:	.205	.152	.199
CENTROID Y	:	-.045	-.222	-.107
POA TO CENTROID in.	:	.210	.269	.226
MIN RADIUS	:	.227	.128	.172
MEAN RADIUS	:	.886	.775	.747
MAX RADIUS	:	1.658	1.286	1.163
HORIZONTAL SPREAD	:	1.724	1.724	1.724
VERTICAL SPREAD	:	2.686	2.020	1.757
EXTREME SPREAD	:	2.836	2.276	1.969
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522147

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.760

VS= 2.567

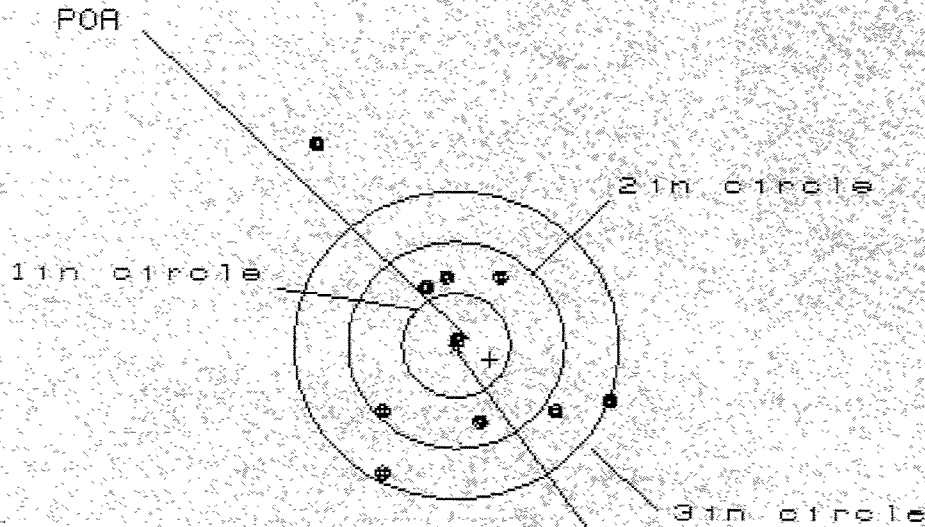
GS= 3.185

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.161	1.270	1.084
MINIMUM X	-1.599	-1.490	-1.632
MAXIMUM Y	1.035	.659	.725
MINIMUM Y	-.732	-.528	-.462
CENTROID X	-.139	-.248	-.062
CENTROID Y	-.080	-.284	-.350
POA TO CENTROID in.	.160	.377	.356
MIN RADIUS	.355	.232	.078
MEAN RADIUS	1.061	.916	.784
MAX RADIUS	2.084	1.582	1.643
HORIZONTAL SPREAD	2.760	2.760	2.716
VERTICAL SPREAD	2.567	1.187	1.187
EXTREME SPREAD	3.185	2.802	2.717
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.674

VS= 3.159

GS= 3.673

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.382	1.238	.961
MINIMUM X	:	-1.292	-.857	-.702
MAXIMUM Y	:	1.960	.895	.852
MINIMUM Y	:	-1.199	-.981	-1.024
CENTROID X	:	-.315	-.171	-.326
CENTROID Y	:	.138	-.080	-.037
POA TO CENTROID in.	:	.344	.189	.328
MIN RADIUS	:	.022	.269	.195
MEAN RADIUS	:	1.014	.875	.806
MAX RADIUS	:	2.348	1.303	1.242
HORIZONTAL SPREAD	:	2.674	2.095	1.663
VERTICAL SPREAD	:	3.159	1.876	1.876
EXTREME SPREAD	:	3.673	2.191	2.171
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	