

C6611564

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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: **RE00103100** Serial: C6611564 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/18/1991 Repairman: Status: Closed 11/1/2005 3:10:23 PM

Verify Repair: [REDACTED]

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **JERRY NELSON STTD**

Address 1: **1401 ARTILLERY CIRCLE**

Address 2: **ATTN SUPPLY BLDG 978** PO Box:

City: **FORT LEONARD WOOD**

State: **MO** Zip Code: **65473** Country: **US** State: **MO** Zip Code: **65473** Country: **US**

FFL: [] [] [] [] [] [] [] []

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **800-243-9700** Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

reglet 11/2/2005 7:22 AM CAPS NUM HNS SCFL

start 2 5 3

Serial Number: **C6611564**

Model: **M24 SWS**



RE00103100

Box 3

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 WAVELIN		1b. CUSTOMER UNIT NAME STTD		1c. PHONE NO 6-0636		3a. WORK ORDER NUMBER (WON)		3b. SHOP		3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/IDA		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 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 M K	
9. NOUN SNIPER WEAPON SYSTEM										H R	
10a. ORG WON/DOC NO				10b. EIC							
11. SERIAL NUMBER 26601564		12. QTY 1		13. PD 03		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)	
14. MALFUNCTION DESCRIPTION (for DSU, GSUI/AVIM, DEPOT use)						21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)					
						22. LEVEL OF WORK		23. SIGNATURE <i>[Signature]</i>			
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) CRACKED BOLT											
25. REMARKS POC JERRY NELSON 546-0636											
26. TECHNICAL REFERENCES											
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP			
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					
SECTION VI - COMPLETION DATA											
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME			
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY <i>[Signature]</i>		35a. ACCEPTED BY		35c. DATE		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY	
34b. DATE 5/29/94		35b. STATUS		35d. TIME		36b. STATUS		36c. DATE		36d. TIME	
37b. STATUS		37c. DATE		37d. TIME		38b. STATUS		38c. DATE		38d. TIME	

DA FORM 2407, JUL 94

NMP COPY 2

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611564.___0
FILE DATE AND TIME: 11/17/2005 15:22

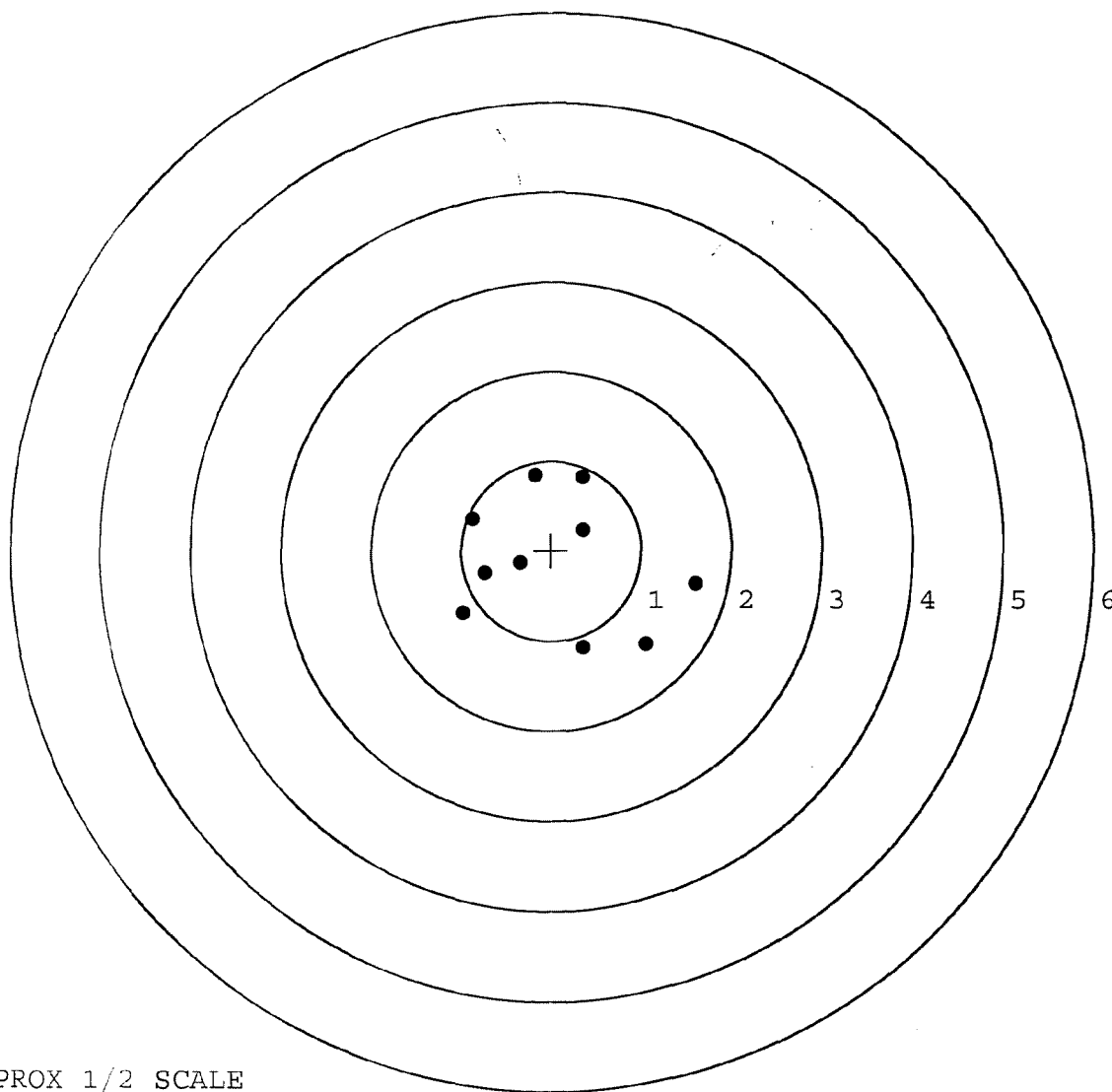
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	-0.136
The Average Point of Impact of the Five Target Set:	0.136
The Average Mean Radius of the Five Target Set:	0.885
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.206
The Distance from Centroid Target #3 to Centroid Target #1:	0.046
The Distance from Centroid Target #4 to Centroid Target #1:	0.171
The Distance from Centroid Target #5 to Centroid Target #1:	0.213

SERIAL NUMBER: C6611564. __0
TARGET NUMBER: 1
FILE DATE: 11/17/2005
FILE TIME: 15:22

	POINT#	X	Y
	1:	0.355	0.228
	2:	0.357	0.821
	3:	-0.179	0.841
	4:	-0.343	-0.135
	5:	-0.738	-0.249
	6:	-0.874	0.356
	7:	-0.982	-0.693
	8:	0.359	-1.075
	9:	1.047	-1.042
	10:	1.601	-0.376

X CENTROID: 0.060
Y CENTROID: -0.132
POA TO CENTROID: 0.145
HORZ SPREAD: 2.583
VERT SPREAD: 1.916
GROUP SPREAD: 2.602
MIN RADIUS: 0.403
MAX RADIUS: 1.560
MEAN RADIUS: 0.980
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

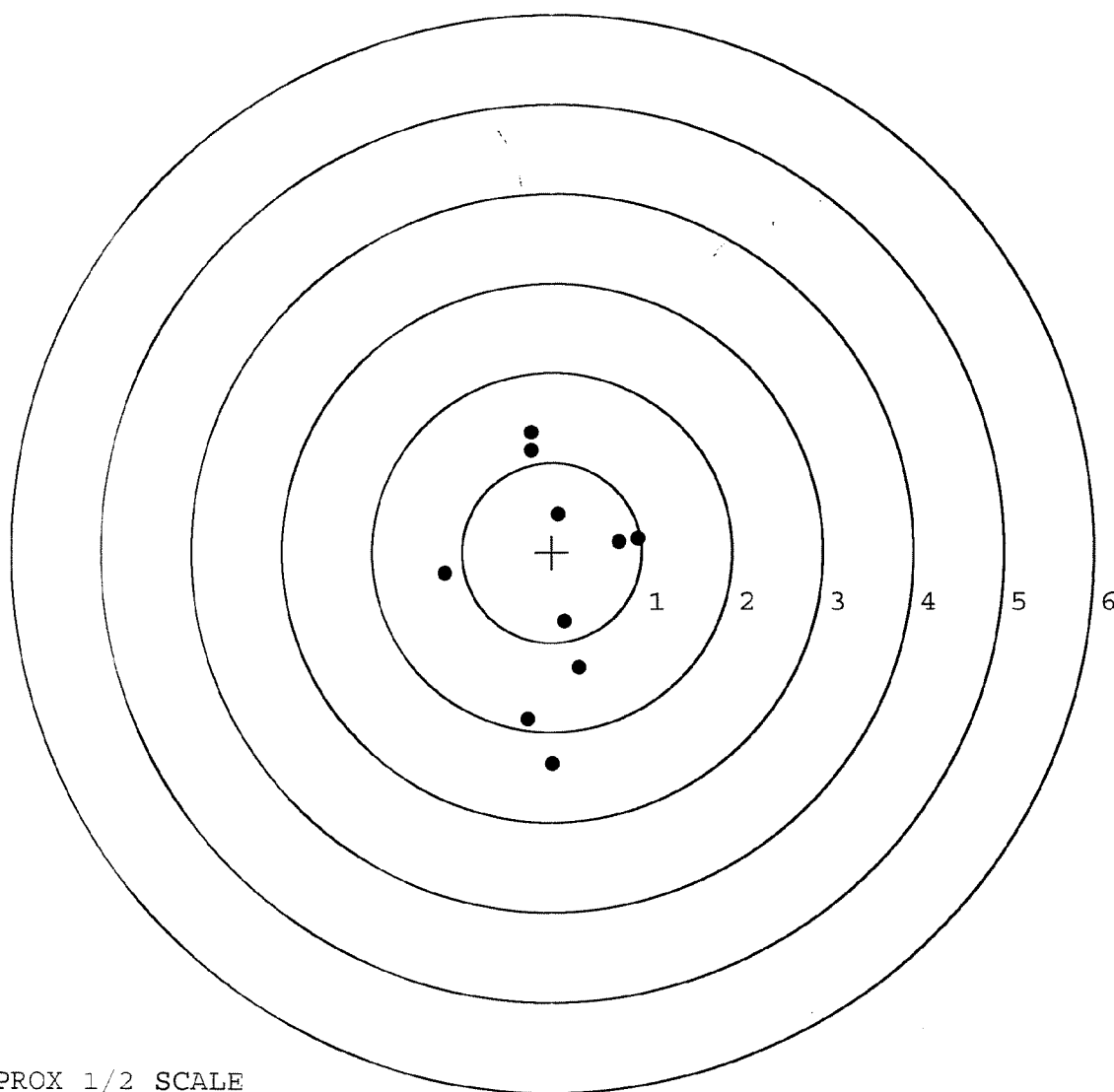


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611564. __0
TARGET NUMBER: 2
FILE DATE: 11/17/2005
FILE TIME: 15:22

X CENTROID: 0.031
Y CENTROID: -0.336
POA TO CENTROID: 0.338
HORZ SPREAD: 2.146
VERT SPREAD: 3.700
GROUP SPREAD: 3.708
MIN RADIUS: 0.448
MAX RADIUS: 2.029
MEAN RADIUS: 1.209
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

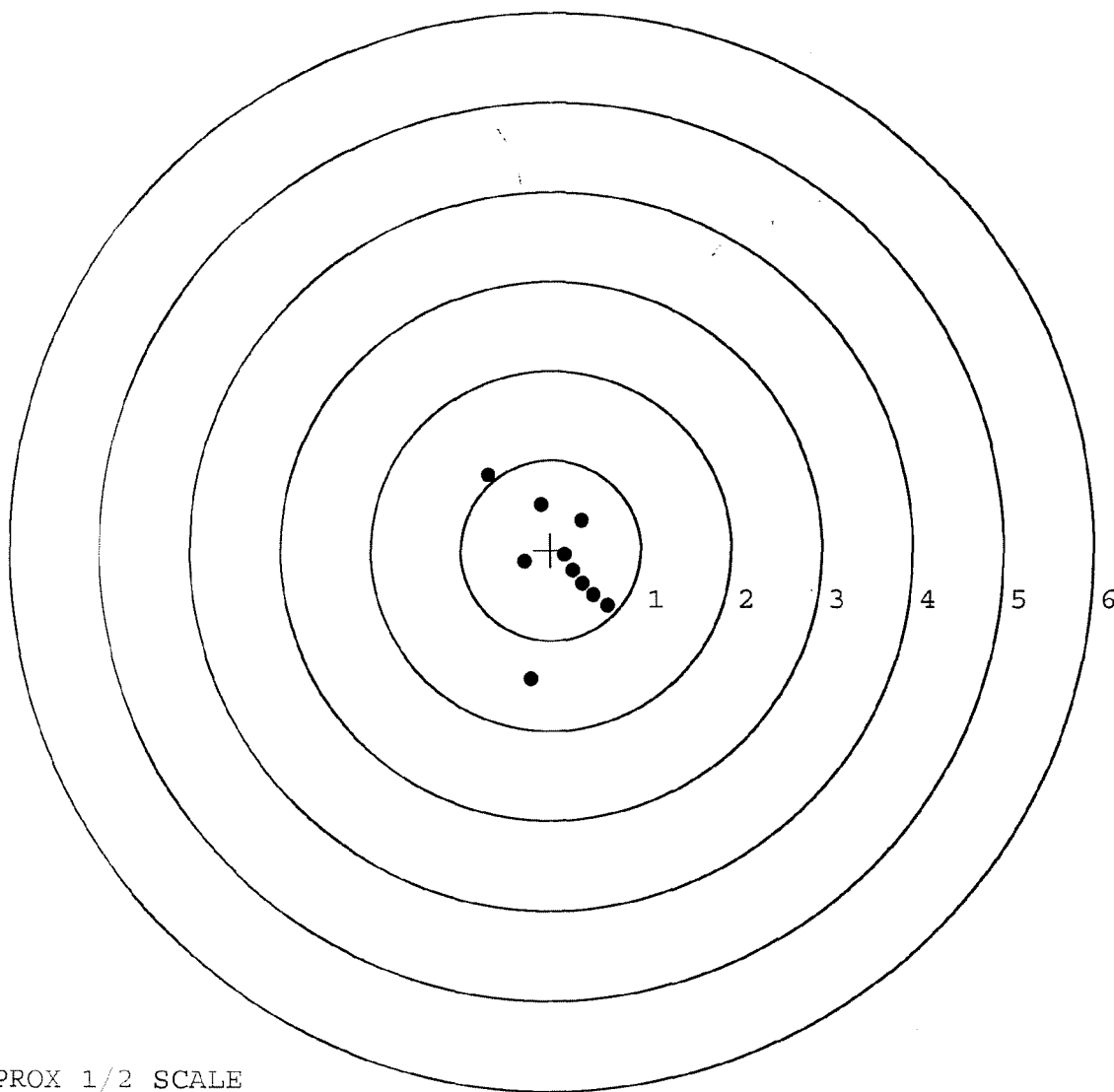
POINT#	X	Y
1:	0.748	0.114
2:	0.954	0.147
3:	0.073	0.425
4:	-0.229	1.137
5:	-0.229	1.335
6:	-1.192	-0.237
7:	0.143	-0.770
8:	0.303	-1.284
9:	-0.272	-1.866
10:	0.007	-2.365



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611564. __0
TARGET NUMBER: 3
FILE DATE: 11/17/2005
FILE TIME: 15:22

	POINT#	X	Y
	1:	-0.221	-1.430
	2:	-0.292	-0.133
	3:	-0.108	0.506
	4:	-0.697	0.839
X CENTROID:	5:	0.341	0.327
Y CENTROID:	6:	0.155	-0.055
POA TO CENTROID:	7:	0.253	-0.227
HORZ SPREAD:	8:	0.354	-0.375
VERT SPREAD:	9:	0.474	-0.506
GROUP SPREAD:	10:	0.639	-0.624
MIN RADIUS:			0.130
MAX RADIUS:			1.300
MEAN RADIUS:			0.608
# IN 1 IN DIAMETER:			4
# IN 2 IN DIAMETER:			8
# in 3 IN DIAMETER:			10

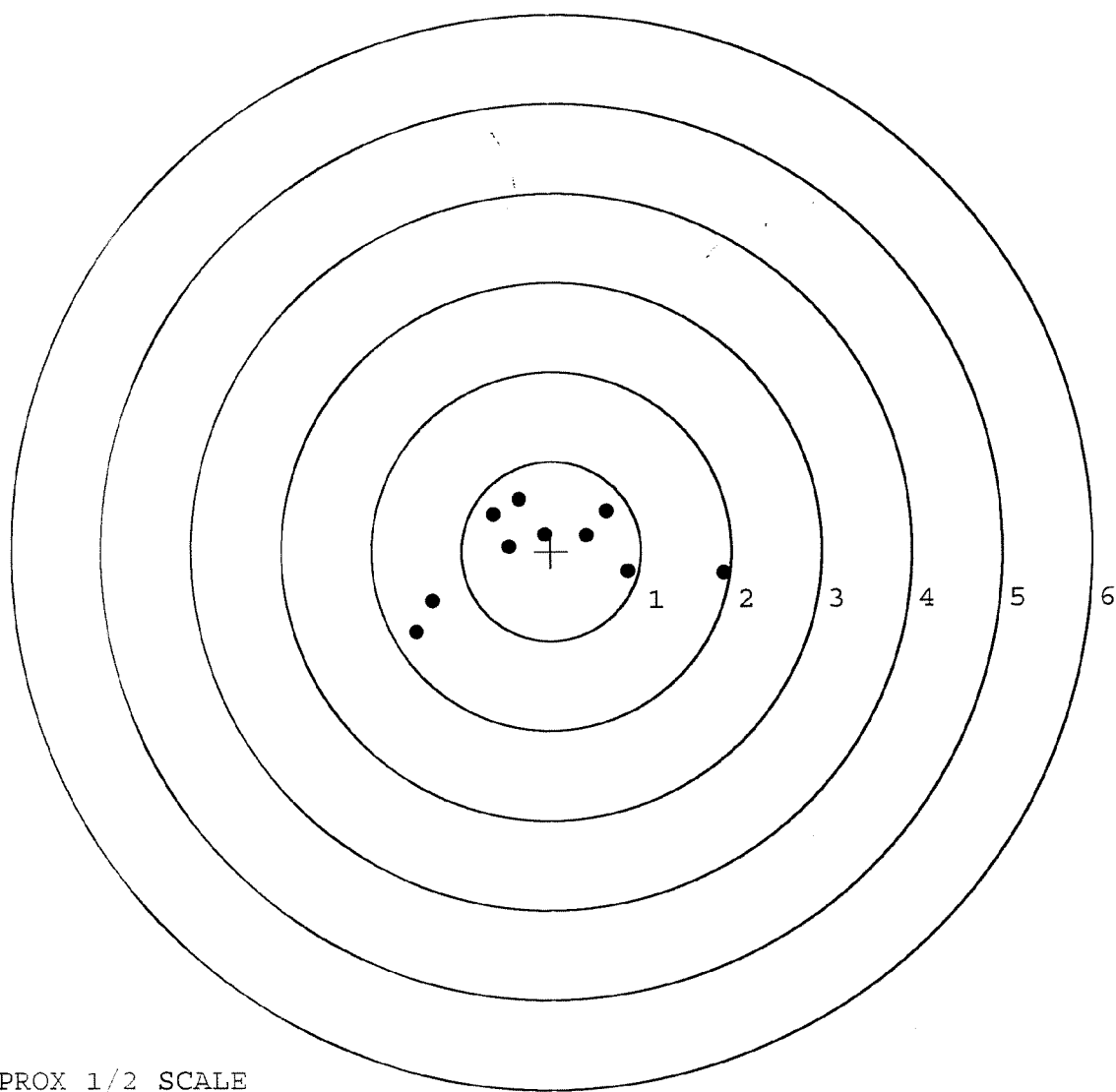


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611564. __0
TARGET NUMBER: 4
FILE DATE: 11/17/2005
FILE TIME: 15:22

X CENTROID: -0.057
Y CENTROID: -0.007
POA TO CENTROID: 0.057
HORZ SPREAD: 3.419
VERT SPREAD: 1.482
GROUP SPREAD: 3.477
MIN RADIUS: 0.199
MAX RADIUS: 1.991
MEAN RADIUS: 0.932
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.918	-0.262
2:	0.859	-0.235
3:	0.623	0.445
4:	0.398	0.179
5:	-0.067	0.191
6:	-0.472	0.054
7:	-0.642	0.414
8:	-0.358	0.585
9:	-1.324	-0.547
10:	-1.501	-0.897

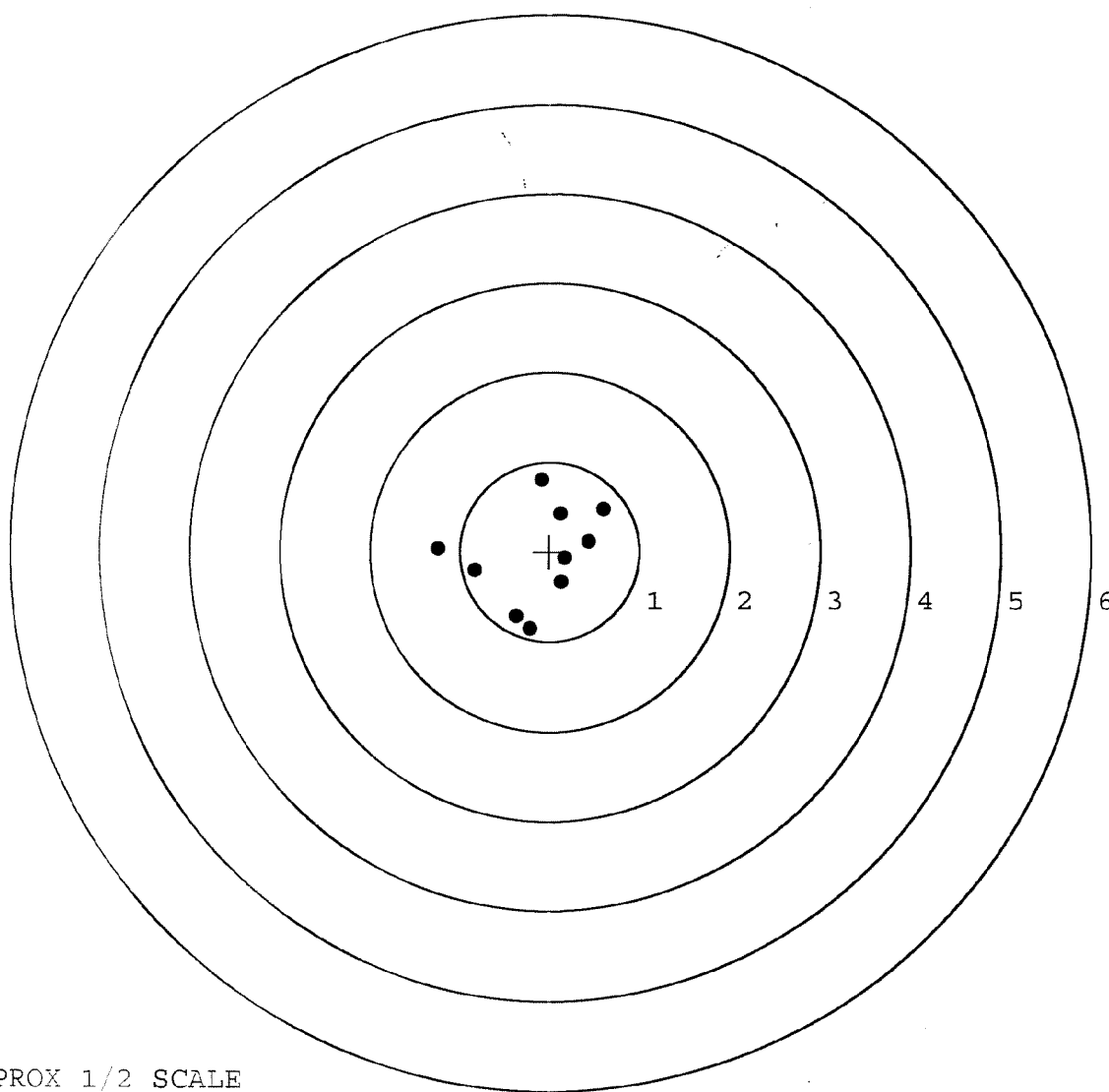


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611564. 0
TARGET NUMBER: 5
FILE DATE: 11/17/2005
FILE TIME: 15:22

X CENTROID: -0.130
Y CENTROID: -0.038
POA TO CENTROID: 0.136
HORZ SPREAD: 1.843
VERT SPREAD: 1.665
GROUP SPREAD: 1.893
MIN RADIUS: 0.306
MAX RADIUS: 1.113
MEAN RADIUS: 0.695
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.226	-0.864
2:	-0.376	-0.723
3:	-0.839	-0.210
4:	-1.241	0.035
5:	-0.090	0.801
6:	0.602	0.467
7:	0.124	0.424
8:	0.437	0.108
9:	0.173	-0.076
10:	0.133	-0.341



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	103100			
SERIAL NUMBER	06611564			
LOG-IN DATE	11-1-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-8-05	RTJ
505	RE-BARREL		11-9-05	RR
560	ASSEMBLE		11-9-05	CD
600	PROOF	MAGNA-FLUX INSPECTED	11-9-05	CD
605	CHECK HEADSPACE	NOV	11-9-05	CD
610	DIS-ASSEMBLE GUN		11-9-05	CD
612	MAGNAFLUX	OPERATOR <u>und</u>	11/10/05	und
510	DRILL AND TAP		11-10-05	BR
615	ROLLMARK CALIBER		11-10-05	CW
618	ROTO-BLAST		11-14-05	LB
620	APPLY COATINGS		11/15/05	HC
625	FINAL ASSEMBLY		11-16-05	RTJ
640	FUNCTION TEST AND	PASS FAIL	11-17-05	TRW
650	TARGET	PASS FAIL	11-17-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-17-05	TRW
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	11-21-05	BC
	B) TRIGGER PULL			
		+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6 lb 6 lb 5 lb 11-21-05	BC
	G) SAFETY OFF FORCE	2 LBS MIN	3 lb 3 lb 4 lb 11-21-05	BC
	I) FIRING PIN INDENT	.020	.024 .023 .023 11-21-05	BC
690	PACK		11-21-05	19A

Remington[®]


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

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

MODEL 700TM M24

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

SERIAL NO.
C6611564

ORDER NO.
5716

46



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611564

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		2/1/91	KH
600	Proof		2/1/91	KH
607	Check Headspace		2/1/91	KH
610	Dis-assemble Gun		2/1/91	KH
612	Magnaflux Barrel Action	2 11 91		KCH
	Magnaflux Bolt	2 11 91		KCH
615	Rollmark Caliber	2 11 91		GB
617	Drill and Tap Sight Holes	2 12 91		WLB
618	Polish Barrel RBB	2 13 91		WLB
620	Apply Coatings (Barrel Action)		3/12/91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/20/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/20/91	KS
	C) Inspect Ejector Hole for Chamfer		3/20/91	KS
	D) Oil Firing Pin Ass'y		3/20/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/2/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4-2-91	DH
	G) Safety Off Force	2 1/2	3	3			4-2-91	DH
	H) Trigger Pull Test & Retainability						4/2/91	JH
	I) Firing Pin Indent	.0225	.022	.022			4-2-91	DH
	J) Assemble Stock						4/8/91	KS
	K) Assemble Swivel Studs						4-10-91	DH
	L) Attach Front and Rear Sight Assemblies						4/8/91	KS
	M) Iron Sight Alignment						4/8/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/8/91	KS
	O) Attach Scope to Rifle						4/8/91	KS
	P) Detach & Attach Scope 20 Times						4/8/91	KS
640	Gallery Target & Test						4-9-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						4-9-91	AF
655	Final Inspection							
	A) Headspace						4-10-91	DH
	B) Trigger Pull	2.60	2.30	2.18	2.34	2.47	4/11/91	JH
	C) Function						4-10-91	DH
660	Pack						6-17-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6611564
DATE 4/2/91
TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.51	2.48	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.50	2.52	2.30	
PULL #3	2.24	2.51	2.46	2.18	
PULL #4	2.47	2.47	2.50	2.54	
PULL #5	2.49	2.31	2.51	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.13		
PULL #2	3.29	3.28		
PULL #3	3.25	3.18		
PULL #4	3.22	3.20		
PULL #5	3.21	3.19		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.29		4.28
PULL #2	4.24	4.27		4.15
PULL #3	4.19	4.28		4.31
PULL #4	4.19	4.26		4.32
PULL #5	4.25	4.29		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611564
9 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.154302
1 TO	2	.294478
1 TO	3	.143391
1 TO	4	.138654
1 TO	5	.332254

$\frac{3}{25}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0634
THE AVERAGE Y COORDINATE FOR THIS RIFLE IS: .0468
THE RESULTING AVERAGE PCI RADIUS FOR THIS RIFLE IS: .0788023
THE AMR FOR THIS RIFLE IS: .8518

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611564

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 2.350

VS= 1.062

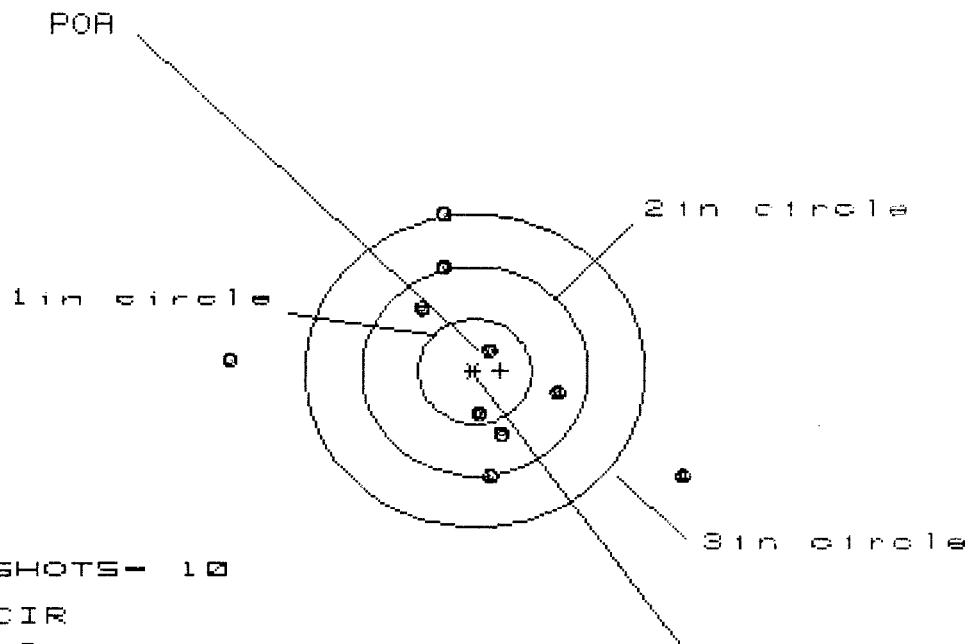
GS= 2.476

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.973	.820	.918
MINIMUM X	:	-1.377	-1.015	-.917
MAXIMUM Y	:	.588	.633	.579
MINIMUM Y	:	-.474	-.429	-.390
CENTROID X	:	.020	.173	.075
CENTROID Y	:	.153	.108	.162
POA TO CENTROID in.	:	.154	.204	.178
MIN RADIUS	:	.373	.277	.356
MEAN RADIUS	:	.846	.753	.742
MAX RADIUS	:	1.435	1.069	.996
HORIZONTAL SPREAD	:	2.350	1.835	1.835
VERTICAL SPREAD	:	1.062	1.062	.969
EXTREME SPREAD	:	2.476	1.876	1.876
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611564

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 4.012

VS= 2.479

GS= 4.150

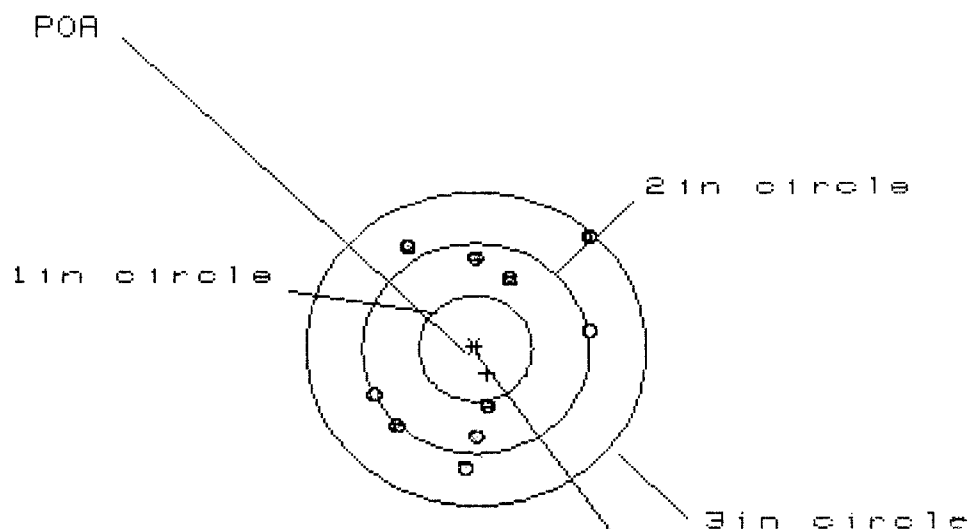
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.812	1.568	.677
MINIMUM X	:	-2.200	-.673	-.477
MAXIMUM Y	:	1.462	1.471	1.349
MINIMUM Y	:	-1.017	-1.008	-1.130
CENTROID X	:	-.231	.013	-.183
CENTROID Y	:	-.001	-.010	.112
POA TO CENTROID in.	:	.231	.016	.214
MIN RADIUS	:	.215	.202	.104
MEAN RADIUS	:	1.065	.921	.792
MAX RADIUS	:	2.201	1.846	1.379
HORIZONTAL SPREAD	:	4.012	2.241	1.154
VERTICAL SPREAD	:	2.479	2.479	2.479
EXTREME SPREAD	:	4.150	3.192	2.514
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611564

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 0

2in - 4

3in = 10

HS= 1.970

VS= 2.206

GS= 2.493

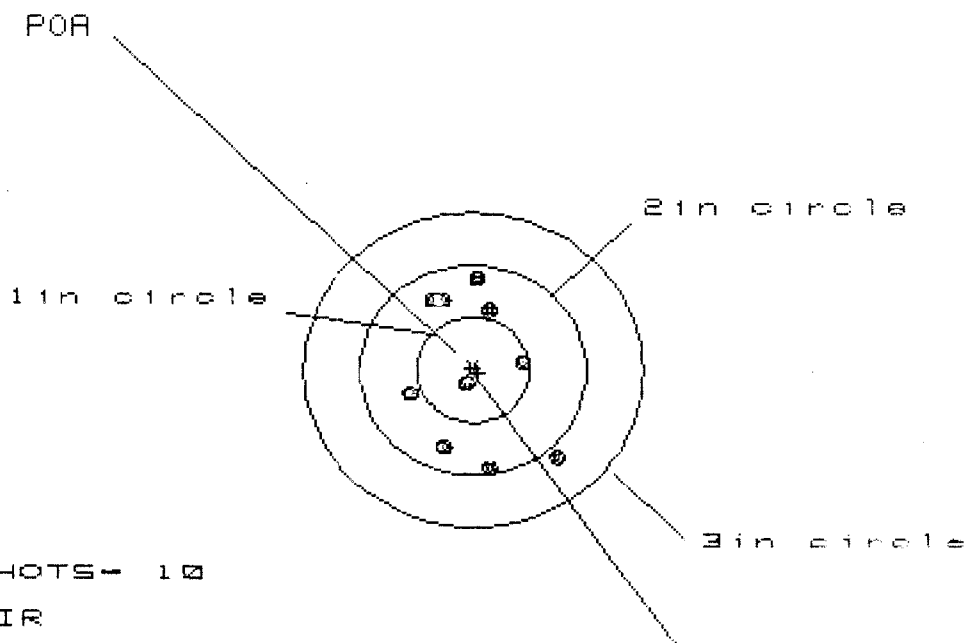
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	1.144	1.141
MINIMUM X	:	-.941	-.826	-.829
MAXIMUM Y	:	1.059	1.069	.940
MINIMUM Y	:	-1.147	-1.029	-.889
CENTROID X	:	-.099	-.214	-.211
CENTROID Y	:	.233	.115	.244
POA TO CENTROID in.	:	.253	.243	.322
MIN RADIUS	:	.569	.493	.610
MEAN RADIUS	:	.996	.923	.912
MAX RADIUS	:	1.476	1.186	1.148
HORIZONTAL SPREAD	:	1.970	1.970	1.970
VERTICAL SPREAD	:	2.206	2.098	1.829
EXTREME SPREAD	:	2.493	2.156	2.058
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611564

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 9

3in = 10

HS= 1.236

VS= 1.793

GS= 1.838

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.711	.525	.549
MINIMUM X	:	-.525	-.447	-.423
MAXIMUM Y	:	.858	.766	.638
MINIMUM Y	:	-.935	-1.027	-.970
CENTROID X	:	-.040	-.119	-.143
CENTROID Y	:	.028	.120	.248
POA TO CENTROID in.	:	.049	.169	.286
MIN RADIUS	:	.116	.172	.301
MEAN RADIUS	:	.687	.633	.568
MAX RADIUS	:	1.089	1.043	.977
HORIZONTAL SPREAD	:	1.236	.972	.972
VERTICAL SPREAD	:	1.793	1.793	1.608
EXTREME SPREAD	:	1.838	1.794	1.629
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611564

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 2.050

VS= .936

GS= 2.097

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.237	1.179	.867
MINIMUM X	:	-.813	-.676	-.528
MAXIMUM Y	:	.352	.323	.334
MINIMUM Y	:	-.584	-.613	-.602
CENTROID X	:	.033	-.104	-.252
CENTROID Y	:	-.179	-.150	-.161
POA TO CENTROID in.	:	.182	.183	.299
MIN RADIUS	:	.131	.112	.225
MEAN RADIUS	:	.665	.563	.471
MAX RADIUS	:	1.264	1.183	1.055
HORIZONTAL SPREAD	:	2.050	1.855	1.395
VERTICAL SPREAD	:	.936	.936	.936
EXTREME SPREAD	:	2.097	1.856	1.591
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	