

C6587610

MODEL 700TM M24

Model S&STM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

07/17/07 08:14:20

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair InquiryRepair Number: **RE00131396**Serial: C6587610 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/17/2007 7:49:04 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: CO. B 2d Bn., 3d SFG-A

CO. B 2d Bn., 3d SFG-A

Address 1: SGT TIMOTHY KRANZ

SGT TIMOTHY KRANZ

Address 2: E-1650 KUWAIT STREET

PO Box:

E-1650 KUWAIT STREET

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
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2007

8:14 AM

CAPS

NUM

INS

SCRL



3 Microsoft O...

3 Microsoft O...

Arms Services ...

4 Internet Ex...

8:14 AM

Serial Number: **C6587610**Model: **M24 SWS****RE00131396**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587610.__0

FILE DATE AND TIME: 09/08/2007 06:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	0.159
The Average Point of Impact of the Five Target Set:	0.162
The Average Mean Radius of the Five Target Set:	0.810
The Distance from POA to Centroid Target #1:	0.658
The Distance from Centroid Target #2 to Centroid Target #1:	0.589
The Distance from Centroid Target #3 to Centroid Target #1:	0.808
The Distance from Centroid Target #4 to Centroid Target #1:	0.494
The Distance from Centroid Target #5 to Centroid Target #1:	0.617

SERIAL NUMBER: C6587610. __0

TARGET NUMBER: 1

FILE DATE: 09/08/2007

FILE TIME: 06:56

POINT#	X	Y
1:	-0.294	2.963
2:	0.559	2.522
3:	1.088	1.675
4:	0.273	0.805
5:	0.898	-0.127
6:	-0.601	-0.586
7:	0.247	-0.605
8:	0.190	-0.284
9:	-0.297	-0.133
10:	-0.616	0.190

X CENTROID: 0.145

Y CENTROID: 0.642

POA TO CENTROID: 0.658

HORZ SPREAD: 1.704

VERT SPREAD: 3.568

GROUP SPREAD: 3.609

MIN RADIUS: 0.207

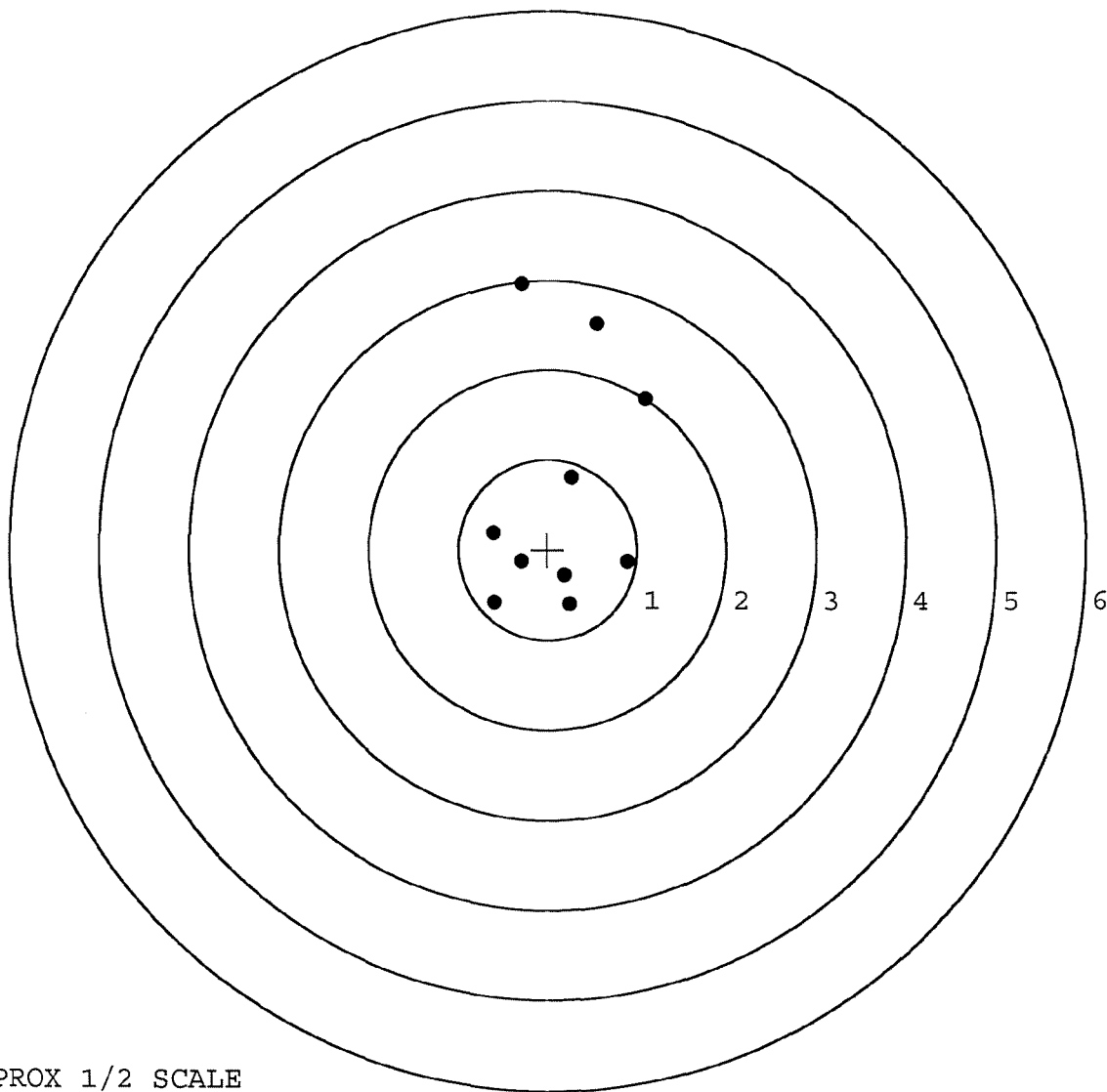
MAX RADIUS: 2.362

MEAN RADIUS: 1.236

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

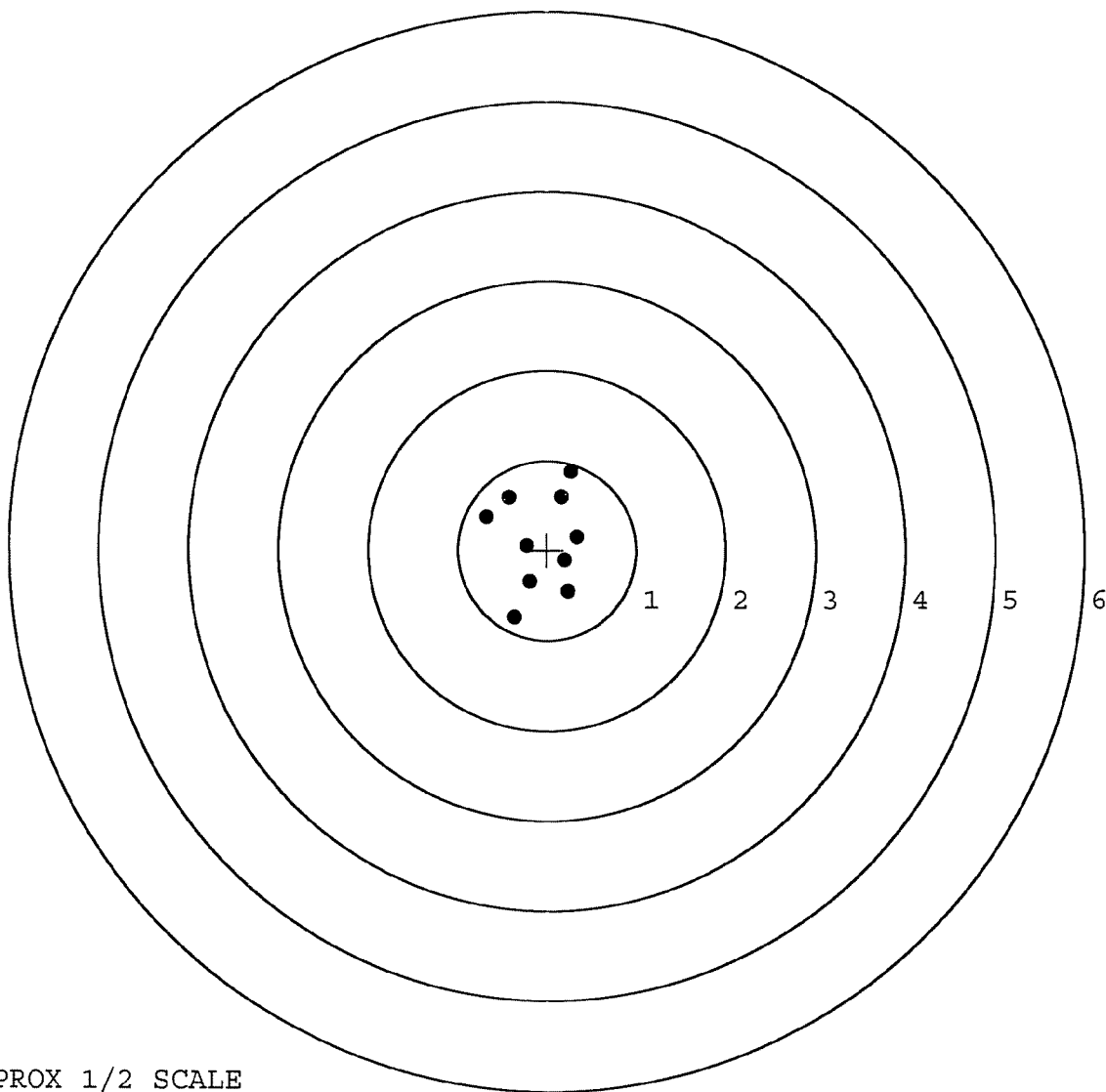


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610.___0
TARGET NUMBER: 2
FILE DATE: 09/08/2007
FILE TIME: 06:56

POINT#	X	Y
1:	0.270	0.874
2:	0.160	0.595
3:	-0.433	0.593
4:	-0.683	0.368
5:	-0.368	-0.753
6:	0.238	-0.461
7:	-0.197	-0.358
8:	0.198	-0.118
9:	0.336	0.152
10:	-0.227	0.048

X CENTROID: -0.071
Y CENTROID: 0.094
POA TO CENTROID: 0.118
HORZ SPREAD: 1.019
VERT SPREAD: 1.627
GROUP SPREAD: 1.748
MIN RADIUS: 0.163
MAX RADIUS: 0.898
MEAN RADIUS: 0.561
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

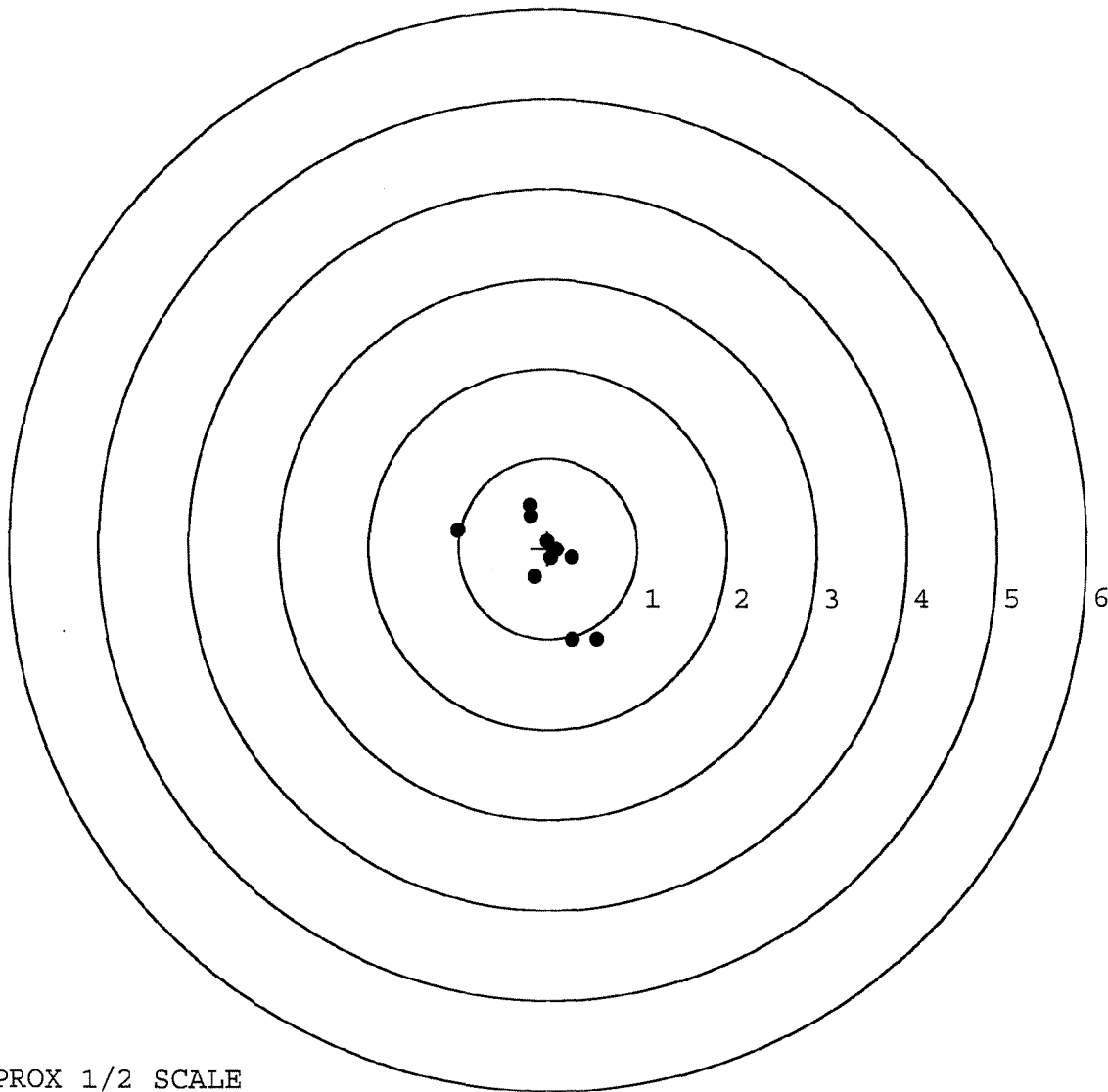


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610. __0
TARGET NUMBER: 3
FILE DATE: 09/08/2007
FILE TIME: 06:56

X CENTROID: -0.036
Y CENTROID: -0.146
POA TO CENTROID: 0.150
HORZ SPREAD: 1.558
VERT SPREAD: 1.486
GROUP SPREAD: 1.967
MIN RADIUS: 0.081
MAX RADIUS: 1.037
MEAN RADIUS: 0.517
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.094	-0.023
2:	-1.012	0.196
3:	-0.205	0.479
4:	-0.197	0.358
5:	0.546	-1.005
6:	0.270	-1.007
7:	0.272	-0.103
8:	-0.150	-0.324
9:	-0.010	0.078
10:	0.037	-0.110

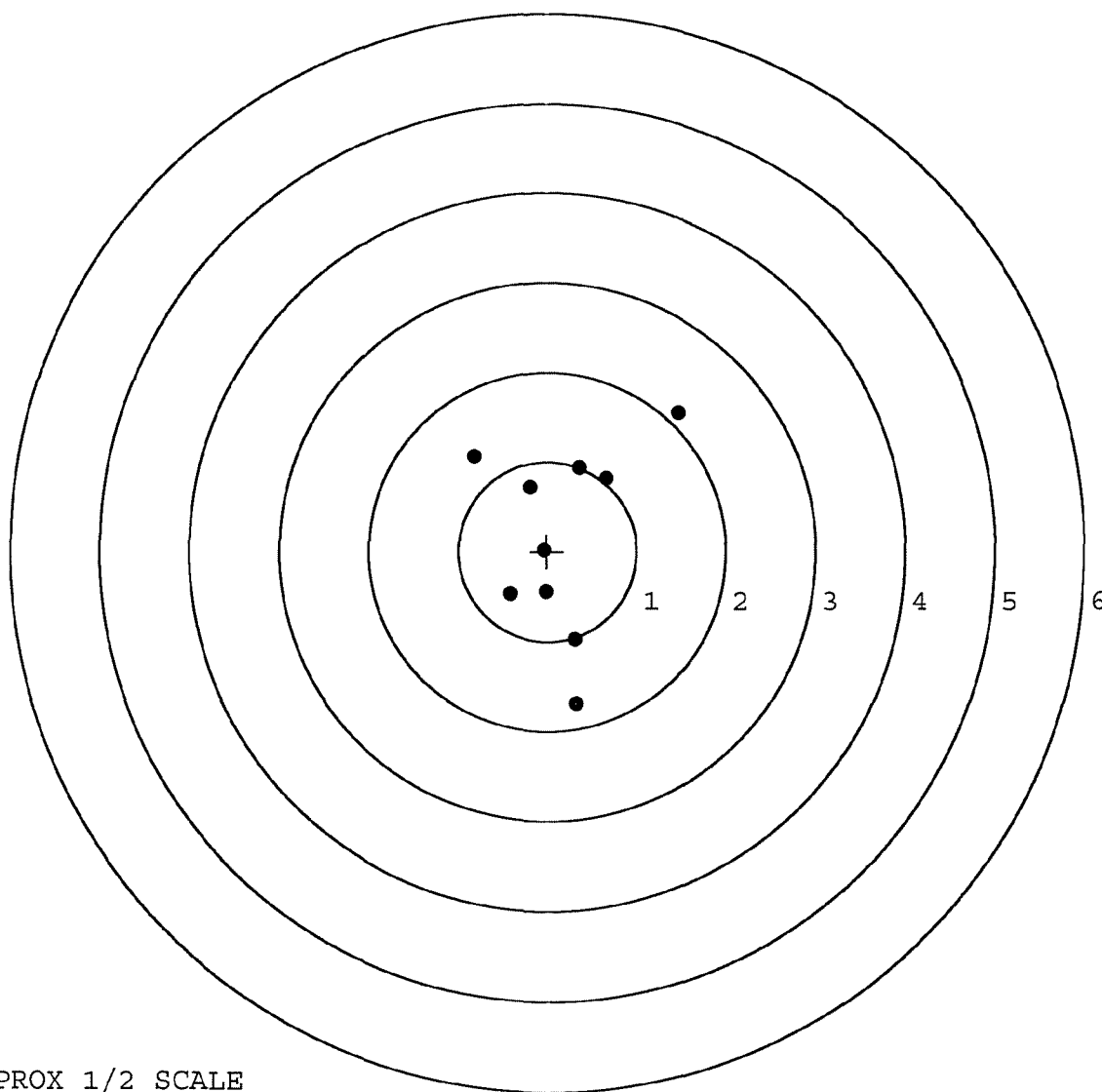


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610. __0
TARGET NUMBER: 4
FILE DATE: 09/08/2007
FILE TIME: 06:56

POINT#	X	Y
1:	1.467	1.551
2:	0.660	0.814
3:	0.364	0.935
4:	-0.826	1.054
5:	-0.199	0.718
6:	-0.038	0.019
7:	-0.420	-0.477
8:	-0.015	-0.451
9:	0.309	-0.981
10:	0.333	-1.700

X CENTROID: 0.164
Y CENTROID: 0.148
POA TO CENTROID: 0.221
HORZ SPREAD: 2.293
VERT SPREAD: 3.251
GROUP SPREAD: 3.443
MIN RADIUS: 0.239
MAX RADIUS: 1.915
MEAN RADIUS: 1.029
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610. __0

TARGET NUMBER: 5

FILE DATE: 09/08/2007

FILE TIME: 06:56

POINT#	X	Y
1:	1.080	0.413
2:	0.580	0.226
3:	0.773	-0.512
4:	0.296	-0.410
5:	-0.854	-0.382
6:	-0.095	0.384
7:	-0.282	0.463
8:	-0.543	0.133
9:	-0.935	0.140
10:	-0.611	0.138

X CENTROID: -0.059

Y CENTROID: 0.059

POA TO CENTROID: 0.084

HORZ SPREAD: 2.015

VERT SPREAD: 0.975

GROUP SPREAD: 2.091

MIN RADIUS: 0.327

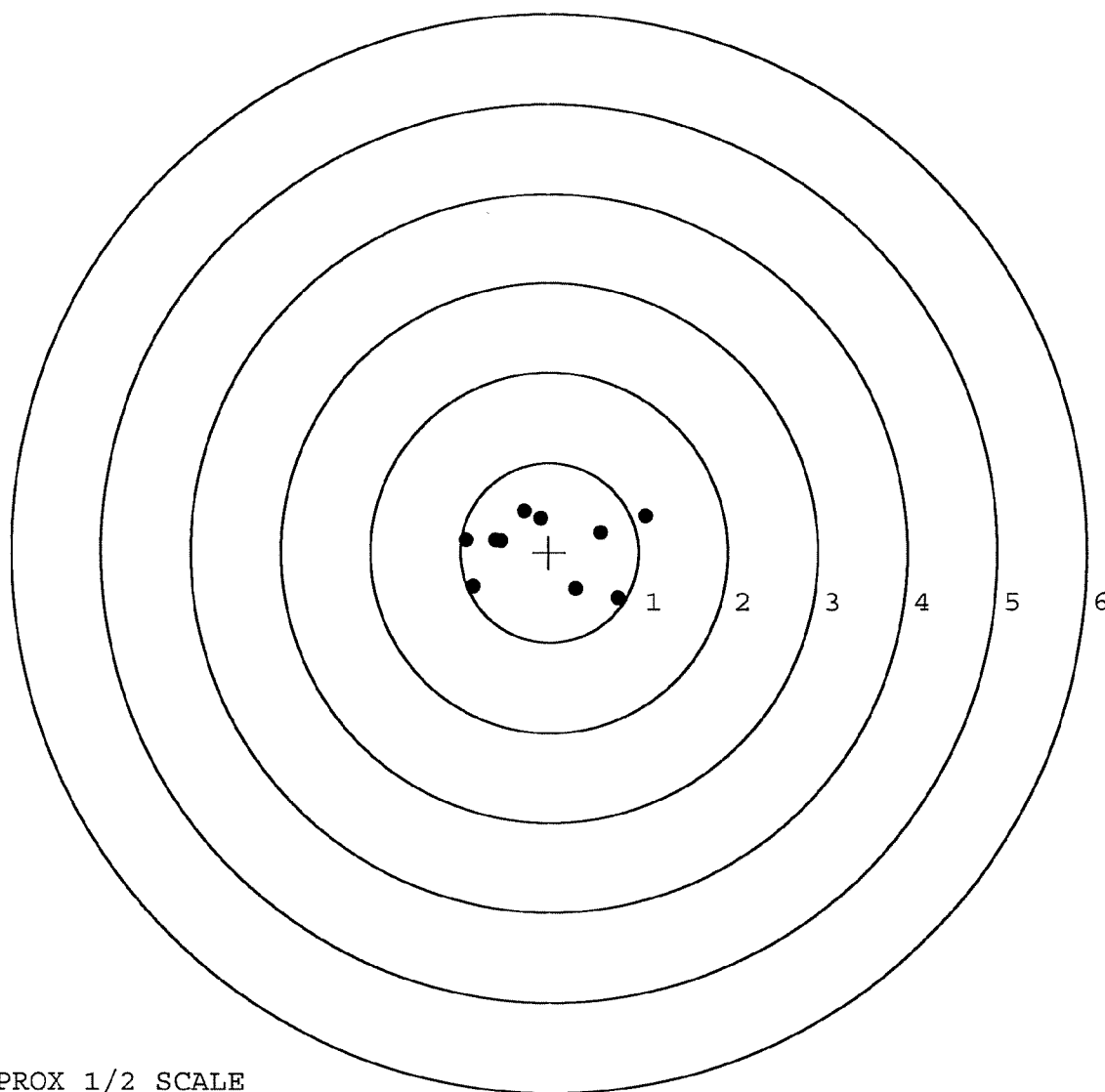
MAX RADIUS: 1.193

MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER <u>131396</u>			
SERIAL NUMBER <u>C6587618</u>			
LOG-IN DATE <u>7-17-07</u>			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-17-07	RTZ
505	RE-BARREL	8-15-07	RTZ
560	ASSEMBLE	8-20-07	RTZ
600	PROOF	8-23-07	RTZ
605	CHECK HEADSPACE	8-23-07	RTZ
610	DIS-ASSEMBLE GUN	8-25-07	RTZ
612	MAGNAFLUX	8-30-07	SB
510	DRILL AND TAP	8-27-07	TRW
615	ROLLMARK CALIBER	8-28-07	CW
618	ROTO-BLAST	8-30-07	LY
620	APPLY COATINGS	8-31-07	RTZ
625	FINAL ASSEMBLY	9-7-07	RTZ
640	FUNCTION TEST AND	9-7-07	RTZ
650	TARGET	9-7-07	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-7-07	SD
	A) HEADSPACE	9-12-07	DA
	B) TRIGGER PULL	2.73 2.85 2.85 2.97 2.98 9-12-07	DA
680	F) SAFETY ON FORCE	4.5 4.5 4.5 9-12-07	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.5 9-12-07	DA
	I) FIRING PIN INDENT	1.020 1.021 1.021 9-12-07	DA
690	PACK	9-12-07	DA

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: **RE00036611** Serial: C6587610 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 5 of 10 Repairman: Status: Closed 11/30/01 10:20:09 AM

Verify Repair **High Priority**

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Fair Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

nagletj 11/30/01 11:12 AM CAPS NUM JINS SCRL

Start I C A S P T D E S V 11:12 AM

Serial Number: **C6587610**

Model: **700**



RE00036611

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	36611		
SERIAL NUMBER	C6587610		
LOG-IN DATE	11-30-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-2-01	RH
560 A	RE-BARREL	12/3/01	BWT
B	DRILL AND TAP	12/3/01	BWT
575	ASSEMBLE	12-4-01	RH
600	PROOF	12-4-01	MAGNAFLUX
605	CHECK HEADSPACE	12-4-01	INSPECTED
610	DIS-ASSEMBLE GUN	12-4-01	DEC 12 2001
612	MAGNAFLUX	OPERATOR RH	
615	ROLLMARK CALIBER	12-4-01	RH
618	ROTO-BLAST	12/7-01	RO
620	APPLY COATINGS	12-10-01	TA
625 A	FINAL ASSEMBLY	12-11-01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-12-01	RH
655	FINAL INSPECT	12-18-01	RH
660	PACK		
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587610.___0

FILE DATE AND TIME: 12/12/2001 04:14

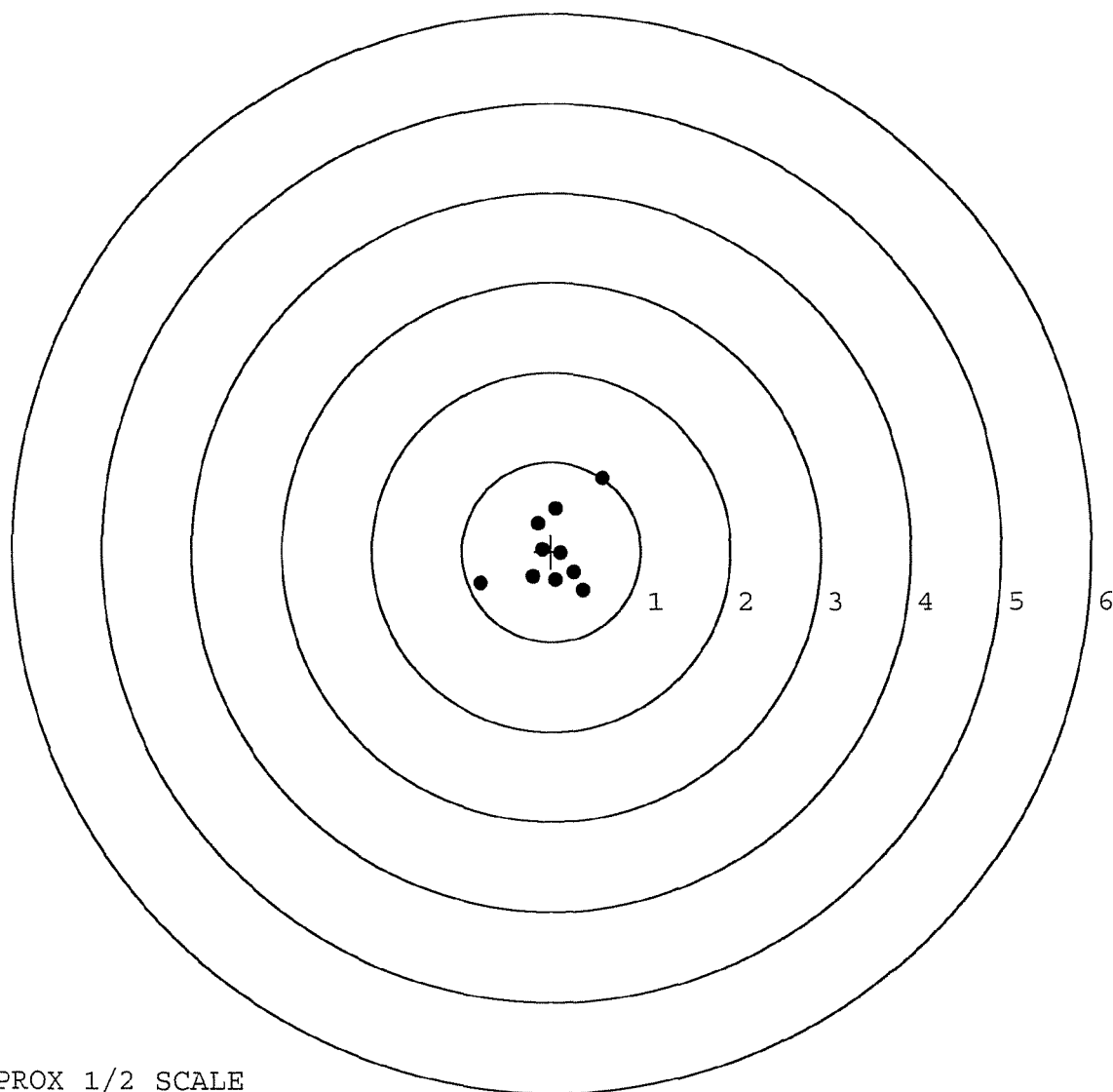
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	-0.053
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.529
The Distance from POA to Centroid Target #1:	0.017
The Distance from Centroid Target #2 to Centroid Target #1:	0.133
The Distance from Centroid Target #3 to Centroid Target #1:	0.220
The Distance from Centroid Target #4 to Centroid Target #1:	0.146
The Distance from Centroid Target #5 to Centroid Target #1:	0.028

SERIAL NUMBER: C6587610.___0
TARGET NUMBER: 1
FILE DATE: 12/12/2001
FILE TIME: 04:14

X CENTROID: 0.017
Y CENTROID: -0.002
POA TO CENTROID: 0.017
HORZ SPREAD: 1.366
VERT SPREAD: 1.251
GROUP SPREAD: 1.806
MIN RADIUS: 0.097
MAX RADIUS: 0.996
MEAN RADIUS: 0.448
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.577	0.822
2:	0.051	0.476
3:	-0.153	0.310
4:	-0.789	-0.359
5:	0.359	-0.429
6:	0.053	-0.323
7:	-0.200	-0.283
8:	-0.098	0.023
9:	0.111	-0.026
10:	0.260	-0.228

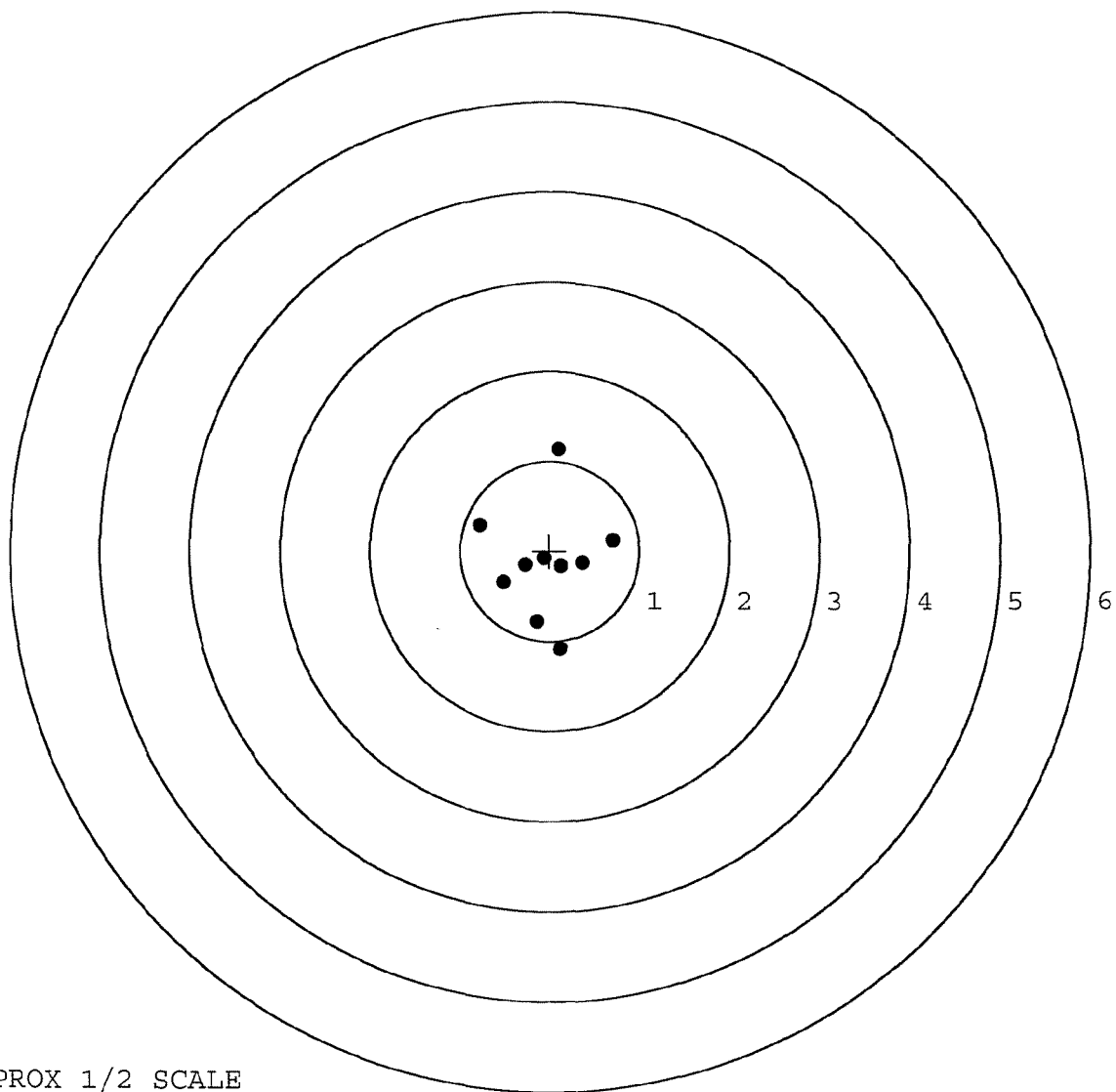


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610. __0
TARGET NUMBER: 2
FILE DATE: 12/12/2001
FILE TIME: 04:14

X CENTROID: -0.035
Y CENTROID: -0.124
POA TO CENTROID: 0.129
HORZ SPREAD: 1.486
VERT SPREAD: 2.220
GROUP SPREAD: 2.220
MIN RADIUS: 0.051
MAX RADIUS: 1.262
MEAN RADIUS: 0.595
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.101	1.131
2:	-0.785	0.289
3:	0.123	-1.089
4:	-0.144	-0.792
5:	0.701	0.120
6:	-0.515	-0.353
7:	-0.271	-0.160
8:	-0.063	-0.081
9:	0.130	-0.173
10:	0.370	-0.129

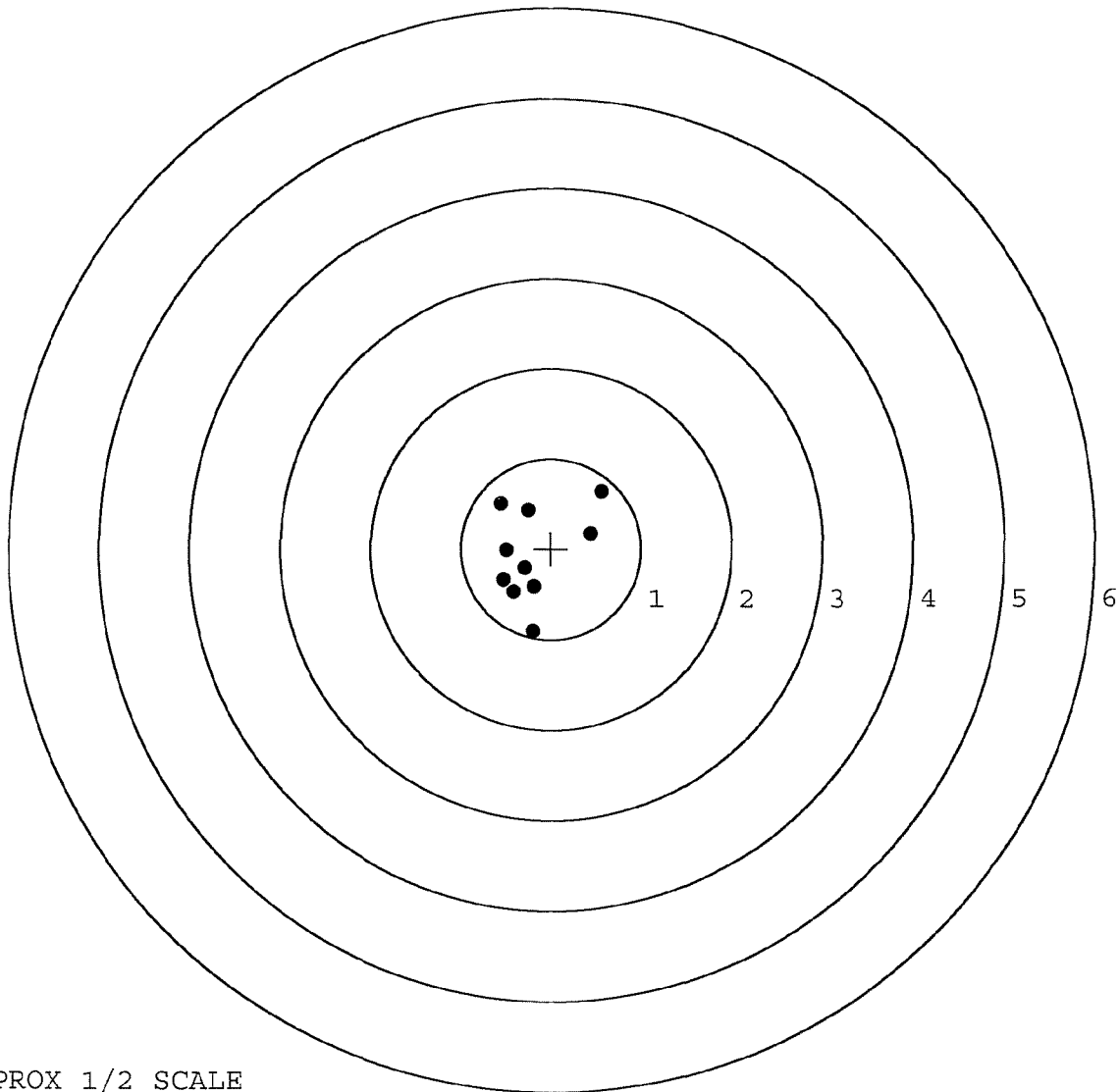


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610.0
TARGET NUMBER: 3
FILE DATE: 12/12/2001
FILE TIME: 04:14

X CENTROID: -0.194
Y CENTROID: -0.065
POA TO CENTROID: 0.204
HORZ SPREAD: 1.121
VERT SPREAD: 1.554
GROUP SPREAD: 1.729
MIN RADIUS: 0.181
MAX RADIUS: 1.029
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.558	0.638
2:	0.434	0.171
3:	-0.201	-0.916
4:	-0.414	-0.476
5:	-0.189	-0.421
6:	-0.527	-0.344
7:	-0.287	-0.220
8:	-0.494	-0.020
9:	-0.254	0.433
10:	-0.563	0.505

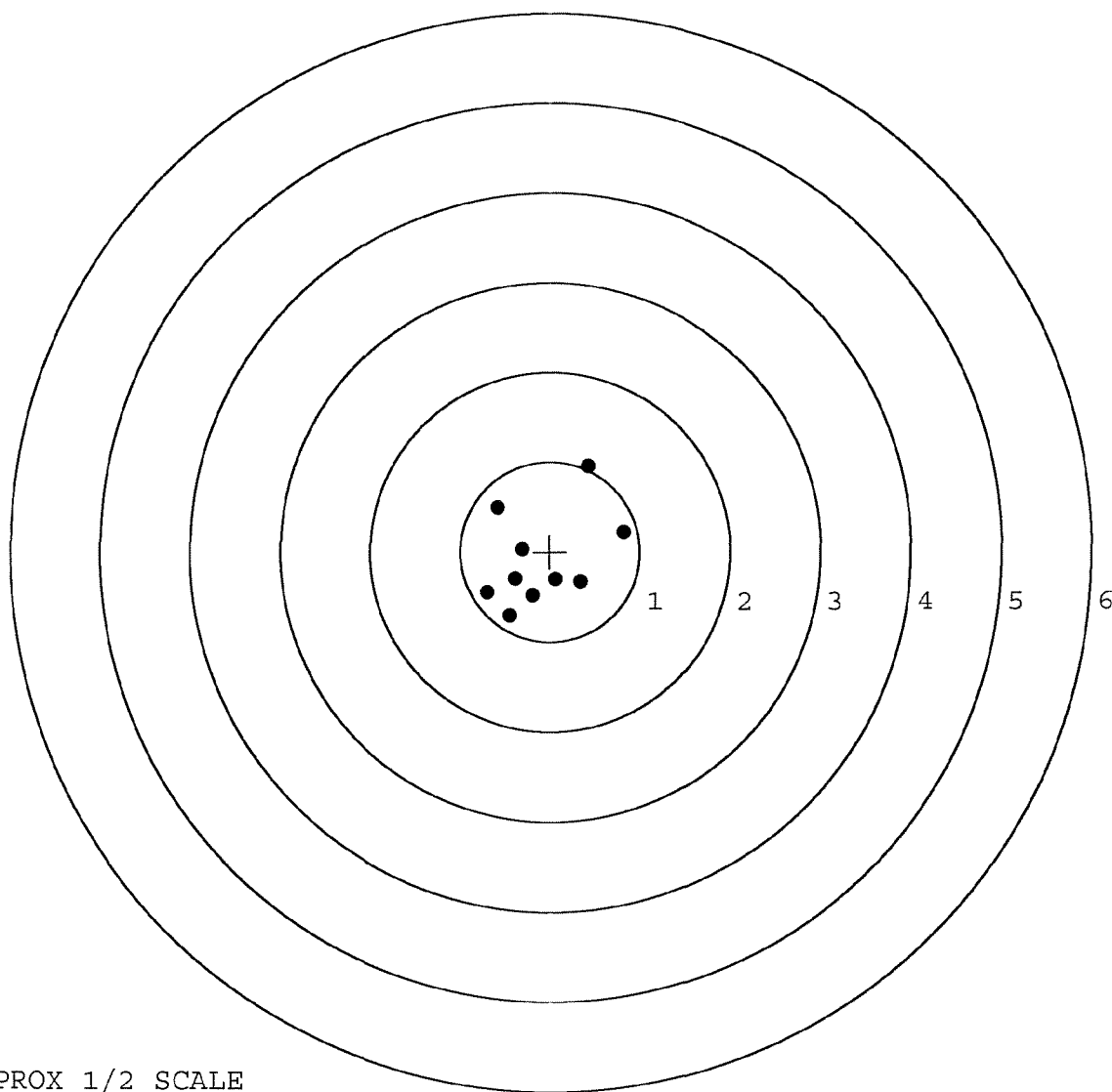


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610.____0
TARGET NUMBER: 4
FILE DATE: 12/12/2001
FILE TIME: 04:14

POINT#	X	Y
1:	0.431	0.950
2:	-0.593	0.493
3:	0.820	0.219
4:	0.343	-0.335
5:	0.065	-0.312
6:	-0.447	-0.715
7:	-0.198	-0.489
8:	-0.700	-0.456
9:	-0.309	0.027
10:	-0.388	-0.302

X CENTROID: -0.098
Y CENTROID: -0.092
POA TO CENTROID: 0.134
HORZ SPREAD: 1.520
VERT SPREAD: 1.665
GROUP SPREAD: 1.882
MIN RADIUS: 0.243
MAX RADIUS: 1.168
MEAN RADIUS: 0.611
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587610. __0

TARGET NUMBER: 5

FILE DATE: 12/12/2001

FILE TIME: 04:14

POINT#	X	Y
1:	-0.228	0.618
2:	-0.111	0.408
3:	0.157	0.264
4:	-0.051	0.033
5:	0.265	-0.013
6:	0.041	-0.181
7:	0.146	-0.536
8:	-0.063	-0.503
9:	0.499	-0.397
10:	-0.683	0.489

X CENTROID: -0.003

Y CENTROID: 0.018

POA TO CENTROID: 0.018

HORZ SPREAD: 1.182

VERT SPREAD: 1.154

GROUP SPREAD: 1.477

MIN RADIUS: 0.050

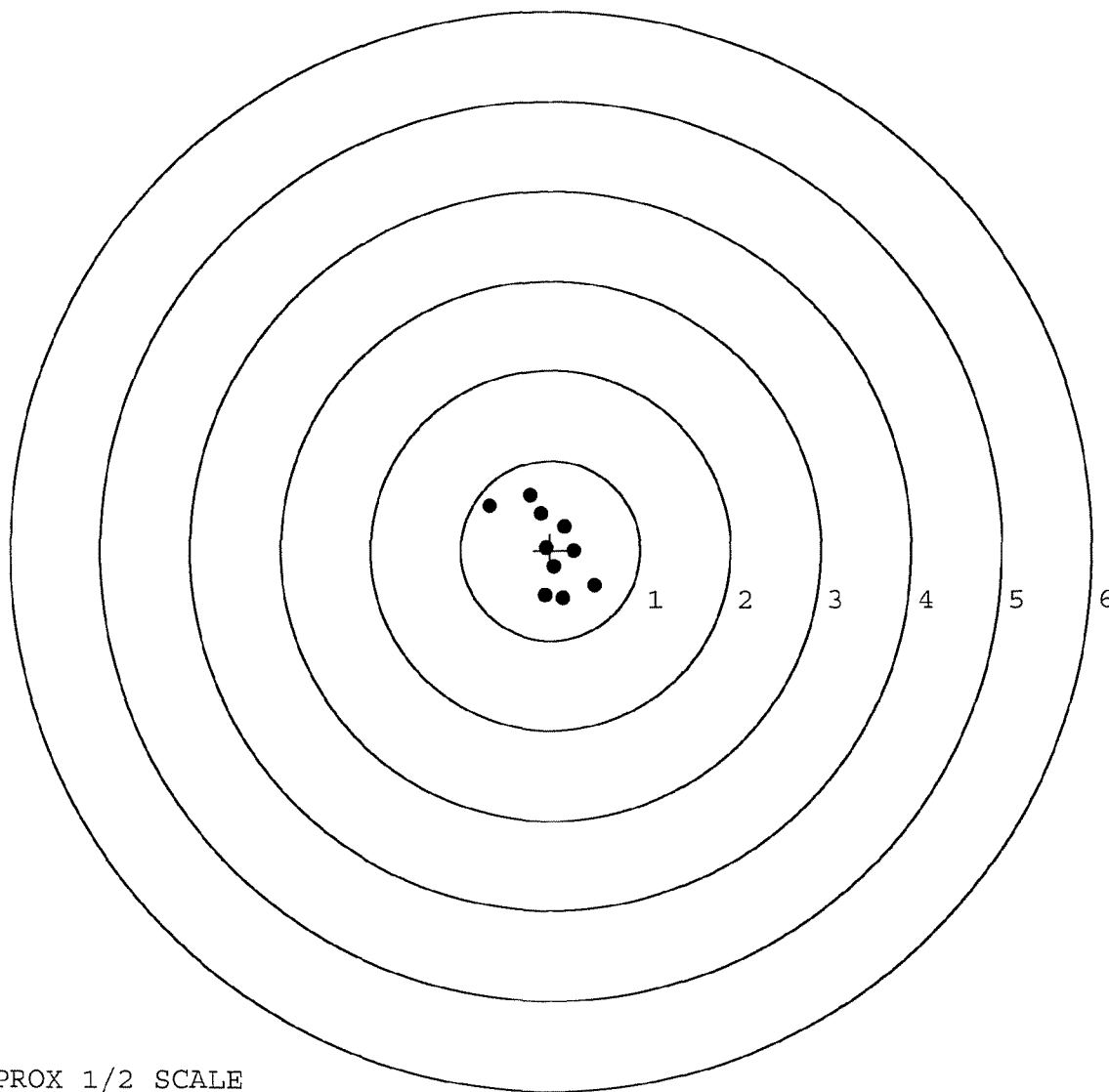
MAX RADIUS: 0.827

MEAN RADIUS: 0.444

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



Remington
 MODEL 700™ W24

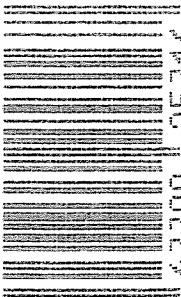


REG. U.S. PAT. & TM. OFF.
 SERIAL NO. C6587610
 ORDER NO. 5716

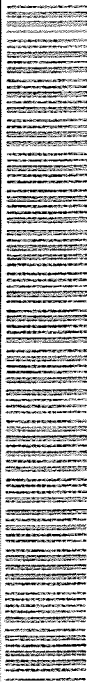
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

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

UPC



0 4700 25716 2



5716 C6587610

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587610

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1024	90	RW
600	Proof	1024	90	RW
607	Check Headspace	1024	90	RW
610	Dis-assemble Gun	1024	90	RW
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		11/3/90	LB
618	Polish Barrel AB		11/6/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	DH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4.25	4.25	4.50	1/3/91	KT		
	G) Safety Off Force	3.50	3.25	3.25	1/3/91	KT		
	H) Trigger Pull Test & Retainability				1-4-91	DH		
	I) Firing Pin Indent	.020	.020	.020	1/3/91	KT		
	J) Assemble Stock				1/8/91	RW		
	K) Assemble Swivel Studs				1-11-91	JH		
	L) Attach Front and Rear Sight Assemblies				1/8/91	RW		
	M) Iron Sight Alignment				1/8/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				1/8/91	RW		
	O) Attach Scope to Rifle				1/8/91	RW		
	P) Detach & Attach Scope 20 Times				1/8/91	RW		
640	Gallery Target & Test				1-10-91	AF		
	A) Time				"	AF		
	B) Malfunctions				"	AF		
	C) Pierced Primers				"	AF		
	D) Optical Clarity of Scope				"	AF		
645	Inspect for Live Ammo				1-10-91	AF		
655	Final Inspection							
	A) Headspace				1-11-91	JH		
	B) Trigger Pull	2.28	2.32	2.29	2.35	2.35	1-11-91	JH
	C) Function						1-11-91	JH
660	Pack				3/15/91	WB		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587610

DATE 1-4-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.39	2.38	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.51	2.31	2.32	
PULL #3	2.60	2.46	2.27	2.29	
PULL #4	2.53	2.48	2.20	2.35	
PULL #5	2.53	2.45	2.83	2.35	
TOTAL	12.68	12.29	11.99		
AVG.	2.53	2.45	2.39		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.02		
PULL #2	3.02	3.00		
PULL #3	3.00	3.11		
PULL #4	3.01	3.00		
PULL #5	3.05	3.02		
TOTAL	15.15	15.15		
AVG.	3.03	3.03		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.10		4.16
PULL #2	4.22	4.25		4.20
PULL #3	4.09	4.03		4.05
PULL #4	4.22	4.06		4.31
PULL #5	4.26	4.06		4.31
TOTAL	20.87	20.50		21.03
AVG.	4.17	4.10		4.20

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587610
11 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.151083
1 TO	2	.221287
1 TO	3	.107838
1 TO	4	.23952
1 TO	5	.219429

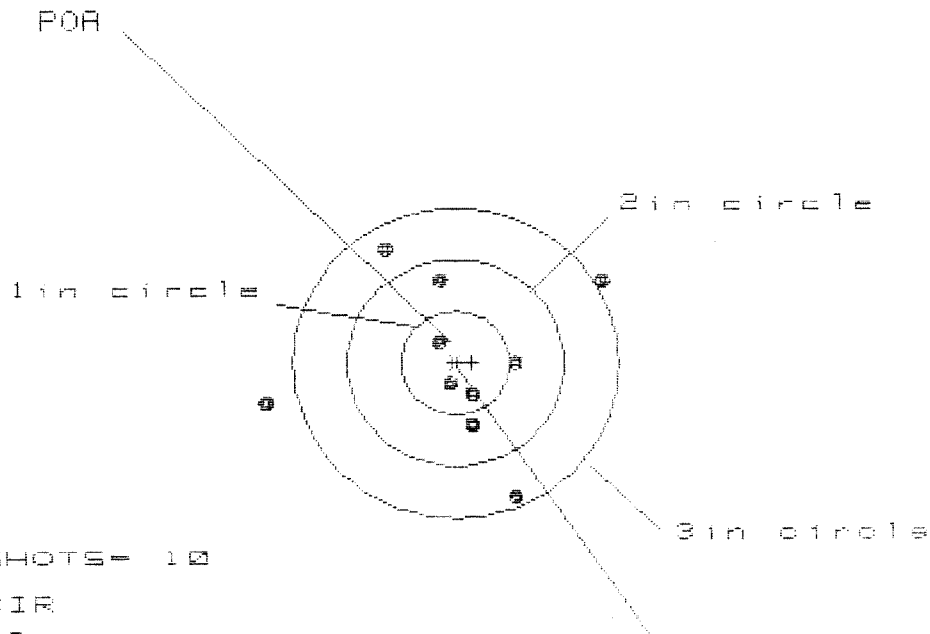
2.4 <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0602
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0474
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0766211
THE AMR FOR THIS RIFLE IS: 1.125

11 Jan 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 3.034

VS= 2.467

GS= 3.277

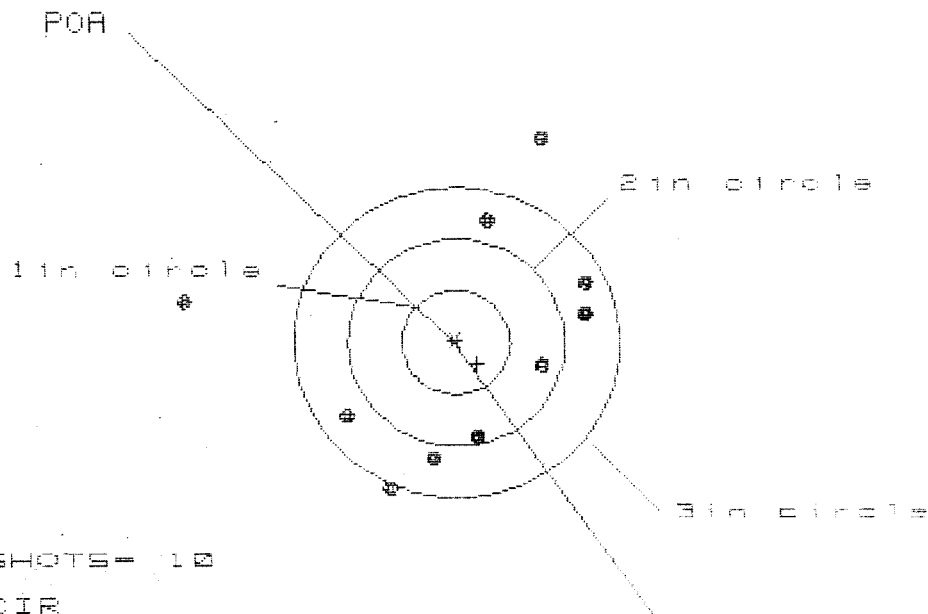
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.319	1.129	.526
MINIMUM X	-1.715	-.881	-.740
MAXIMUM Y	1.154	1.105	1.199
MINIMUM Y	-1.313	-1.362	-1.268
CENTROID X	-.151	.039	-.102
CENTROID Y	-.005	.044	-.050
POA TO CENTROID in.	.151	.059	.113
MIN RADIUS	.246	.365	.227
MEAN RADIUS	.890	.793	.691
MAX RADIUS	1.770	1.415	1.409
HORIZONTAL SPREAD	3.034	2.010	1.266
VERTICAL SPREAD	2.467	2.467	2.467
EXTREME SPREAD	3.277	2.773	2.773
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 2

3 in = 7

HS = 3.734

VS = 3.384

GS = 3.739

CENTROID *

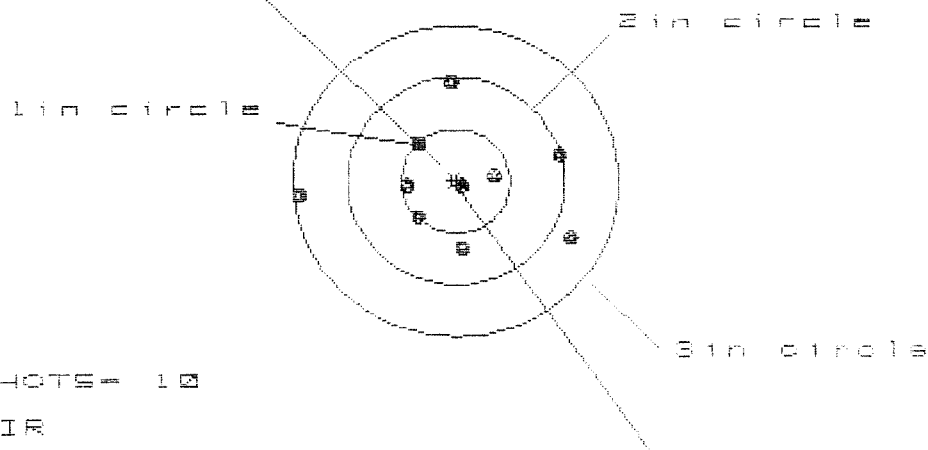
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.210	.929	.989
MINIMUM X	:	-2.524	-1.339	-1.279
MAXIMUM Y	:	1.975	2.015	1.521
MINIMUM Y	:	-1.409	-1.369	-1.117
CENTROID X	:	-.189	.092	.032
CENTROID Y	:	.213	.173	-.379
POA TO CENTROID in.	:	.284	.196	.085
MIN RADIUS	:	.817	.538	.574
MEAN RADIUS	:	1.423	1.242	1.108
MAX RADIUS	:	2.549	2.071	1.525
HORIZONTAL SPREAD	:	3.734	2.268	2.268
VERTICAL SPREAD	:	3.384	3.384	2.638
EXTREME SPREAD	:	3.739	3.669	2.819
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS = 2.514

VS = 1.637

GS = 2.541

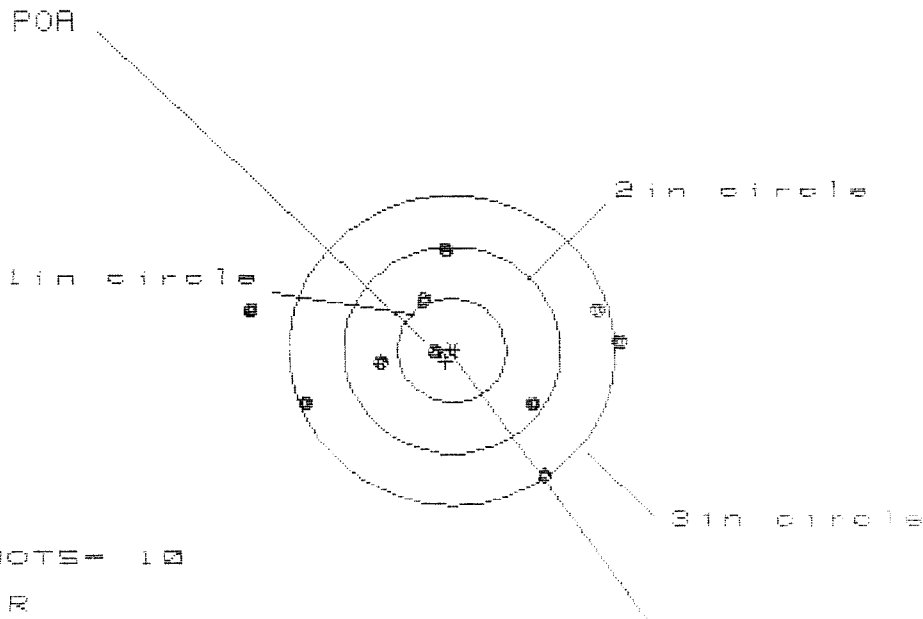
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.089	.931	.946
MINIMUM X	-1.425	-.584	-.468
MAXIMUM Y	.988	.972	.906
MINIMUM Y	-.649	-.665	-.731
CENTROID X	-.053	.105	-.011
CENTROID Y	.040	.056	.122
POA TO CENTROID in.	.067	.119	.123
MIN RADIUS	.090	.162	.166
MEAN RADIUS	.711	.635	.569
MAX RADIUS	1.432	1.071	.966
HORIZONTAL SPREAD	2.514	1.515	1.414
VERTICAL SPREAD	1.637	1.637	1.637
EXTREME SPREAD	2.541	1.874	1.640
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 3.455

VS = 2.206

CS = 3.468

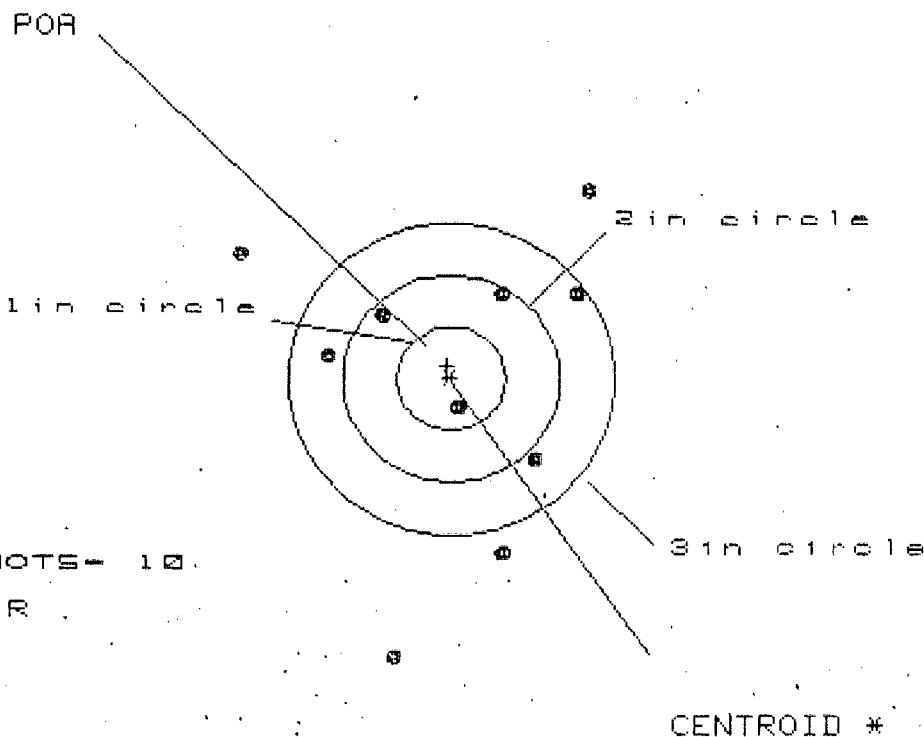
CENTROID #

PATTERN #	4	9	9
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.567	1.357	1.254
MINIMUM X	-1.888	-1.576	-1.406
MAXIMUM Y	1.006	1.047	1.062
MINIMUM Y	-1.200	-1.159	-1.144
CENTROID X	.058	.268	.398
CENTROID Y	.112	.071	.056
POR TO CENTROID in.	.127	.277	.113
MIN RADIUS	.155	.365	.198
MEAN RADIUS	1.113	1.034	.963
MAX RADIUS	1.925	1.637	1.470
HORIZONTAL SPREAD	3.455	2.933	2.660
VERTICAL SPREAD	2.206	2.206	2.206
EXTREME SPREAD	3.468	2.986	2.804
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6587610

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.177

VS = 4.470

GS = 4.796

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.194	.946
MINIMUM X	:	-1.928	-1.983	-1.458
MAXIMUM Y	:	1.811	1.515	1.628
MINIMUM Y	:	-2.659	-1.958	-1.845
CENTROID X	:	.034	.089	.337
CENTROID Y	:	-.123	.173	.060
POA TO CENTROID in.	:	.127	.194	.342
MIN RADIUS	:	.322	.618	.577
MEAN RADIUS	:	1.486	1.335	1.214
MAX RADIUS	:	2.704	2.179	1.883
HORIZONTAL SPREAD	:	3.177	3.177	2.404
VERTICAL SPREAD	:	4.470	3.473	3.473
EXTREME SPREAD	:	4.796	3.716	3.565
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			6	