

C5611467

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Sinead®

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: RE00146490

Serial: C6611467 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/17/2008 9:52:37 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT

DEF DIST DEPOT

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201

Country: US

State: AL

Zip Code: 36201

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
D000	COMPLETE SYSTEM	1

Repair Search

Refresh

Close

naglej

6/17/2008

10:50 AM

CAPS

NUM

INS

SCRL

start

10 M

My ...

4 M

Par ...

Ar ...

Cre ...

My ...

10:50 AM

Number: C6611467

Model: M24 SWS



RE00146490

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

146490

SERIAL NUMBER

C6611407

LOG-IN DATE

6-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-8-09	RTZ
505	RE-BARREL	9-11-09	RTZ
420	ASSEMBLE	9-11-09	RTZ
440	PROOF	9-11-09	SP
460	CHECK HEADSPACE	9-11-09	SP
470	DIS-ASSEMBLE GUN	9-11-09	SP
480	MAGNAFLUX	9-11-09	SP
510	DRILL AND TAP	9-14-09	SP
500	ROLLMARK CALIBER	9-17-09	SP
520	GOFF BLAST BBL / REC	9-17-09	SP
530 & 540	APPLY COATINGS	9-18	SP
560	FINAL ASSEMBLY	9-28-09	RTZ
640	FUNCTION TEST AND	9-29-09	RP
650	TARGET	9-29-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-29-09	SP
	A) HEADSPACE	9-30-09	SP
	B) TRIGGER PULL	2.33 2.30 2.36 2.39 2.40 9-30-09	TC
680	F) SAFETY ON FORCE	2.9 2.9 2.9 9-30-09	SP
	G) SAFETY OFF FORCE	6.9 6.9 6.9	
	I) FIRING PIN INDENT	.022 .022 .022	
690	PACK	10-4-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611467.__0

FILE DATE AND TIME: 09/30/2009 07:29

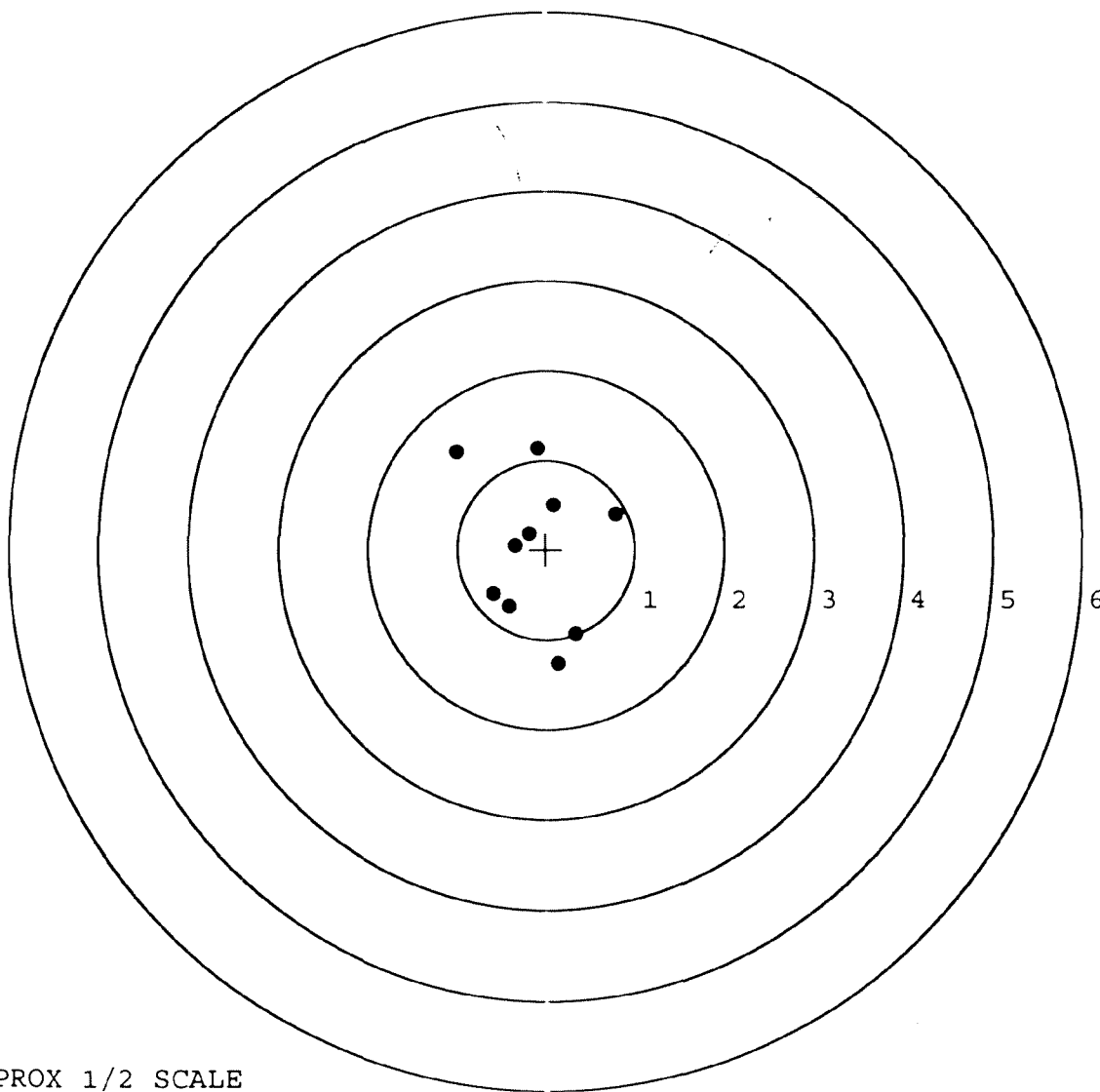
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.074
The Average Y Centroid of the Five Target Set:	0.036
The Average Point of Impact of the Five Target Set:	0.083
The Average Mean Radius of the Five Target Set:	0.669
The Distance from POA to Centroid Target #1:	0.131
The Distance from Centroid Target #2 to Centroid Target #1:	0.064
The Distance from Centroid Target #3 to Centroid Target #1:	0.115
The Distance from Centroid Target #4 to Centroid Target #1:	0.318
The Distance from Centroid Target #5 to Centroid Target #1:	0.057

SERIAL NUMBER: C6611467. __0
TARGET NUMBER: 1
FILE DATE: 09/30/2009
FILE TIME: 07:29

POINT#	X	Y
1:	0.137	-1.268
2:	0.338	-0.946
3:	-0.415	-0.637
4:	-0.594	-0.494
5:	0.792	0.398
6:	-0.094	1.134
7:	-1.008	1.096
8:	0.083	0.502
9:	-0.200	0.174
10:	-0.352	0.044

X CENTROID: -0.131
Y CENTROID: 0.000
POA TO CENTROID: 0.131
HORZ SPREAD: 1.800
VERT SPREAD: 2.402
GROUP SPREAD: 2.627
MIN RADIUS: 0.187
MAX RADIUS: 1.403
MEAN RADIUS: 0.823
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

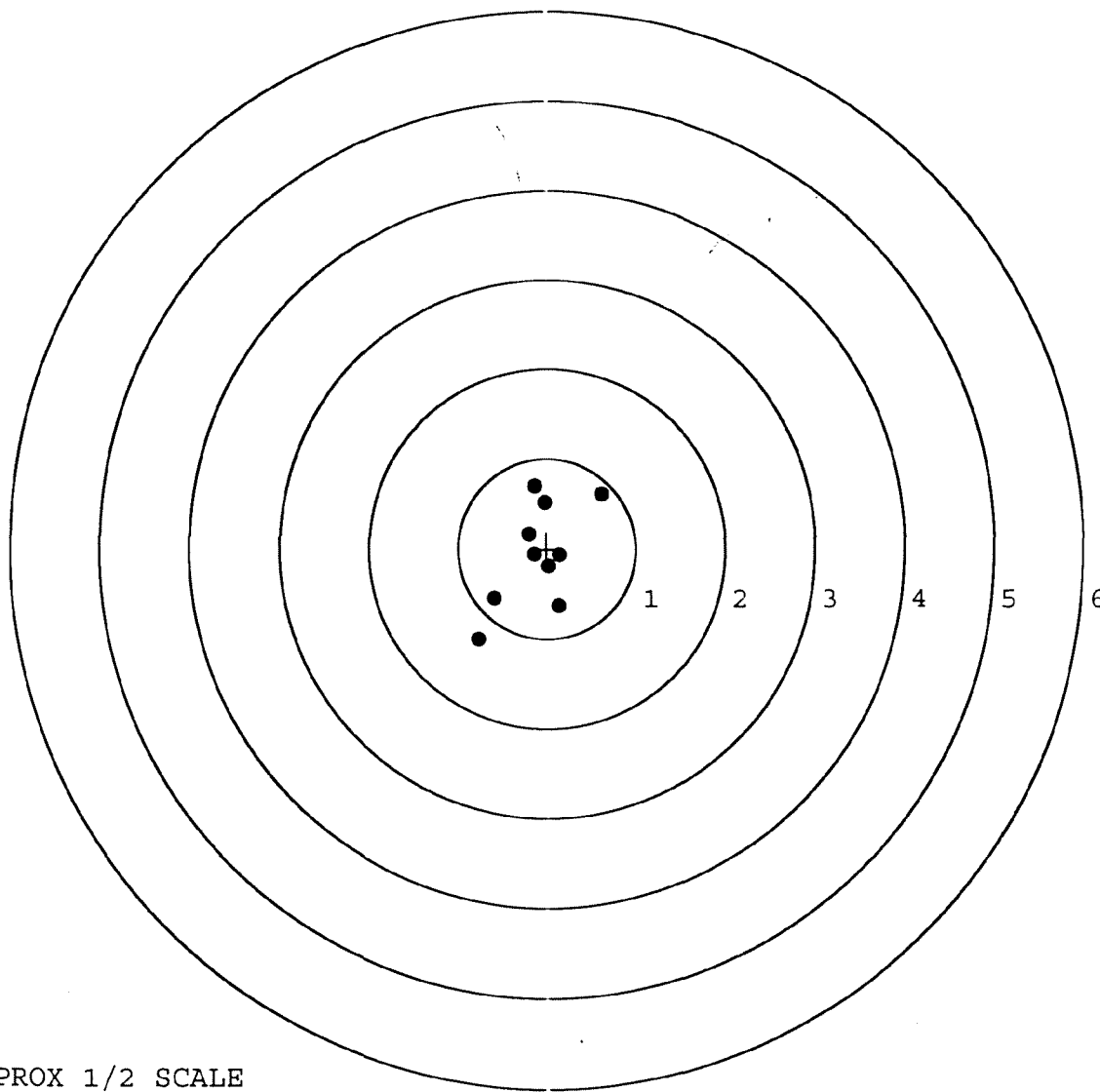


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467. __0
TARGET NUMBER: 2
FILE DATE: 09/30/2009
FILE TIME: 07:29

POINT#	X	Y
1:	-0.776	-1.009
2:	-0.210	0.173
3:	0.619	0.609
4:	-0.028	0.514
5:	-0.140	0.694
6:	-0.595	-0.551
7:	0.135	-0.638
8:	0.142	-0.073
9:	0.025	-0.195
10:	-0.143	-0.065

X CENTROID: -0.097
Y CENTROID: -0.054
POA TO CENTROID: 0.111
HORZ SPREAD: 1.395
VERT SPREAD: 1.703
GROUP SPREAD: 2.136
MIN RADIUS: 0.047
MAX RADIUS: 1.172
MEAN RADIUS: 0.553
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

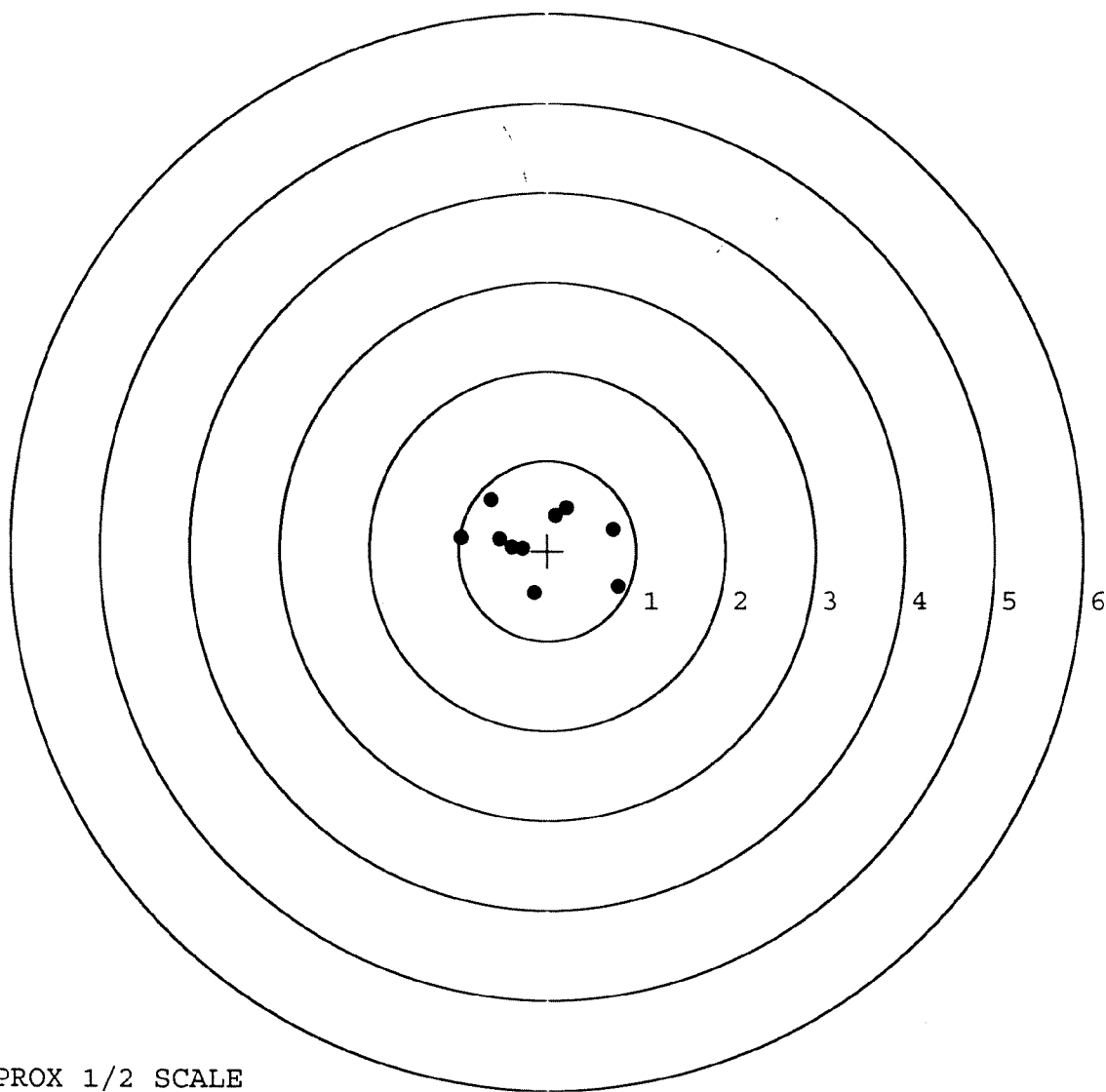


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467. __0
TARGET NUMBER: 3
FILE DATE: 09/30/2009
FILE TIME: 07:29

POINT#	X	Y
1:	0.794	-0.395
2:	0.743	0.237
3:	-0.637	0.560
4:	0.215	0.477
5:	0.094	0.388
6:	-0.968	0.145
7:	-0.150	-0.472
8:	-0.280	0.028
9:	-0.403	0.045
10:	-0.545	0.127

X CENTROID: -0.114
Y CENTROID: 0.114
POA TO CENTROID: 0.161
HORZ SPREAD: 1.762
VERT SPREAD: 1.032
GROUP SPREAD: 1.843
MIN RADIUS: 0.187
MAX RADIUS: 1.041
MEAN RADIUS: 0.579
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

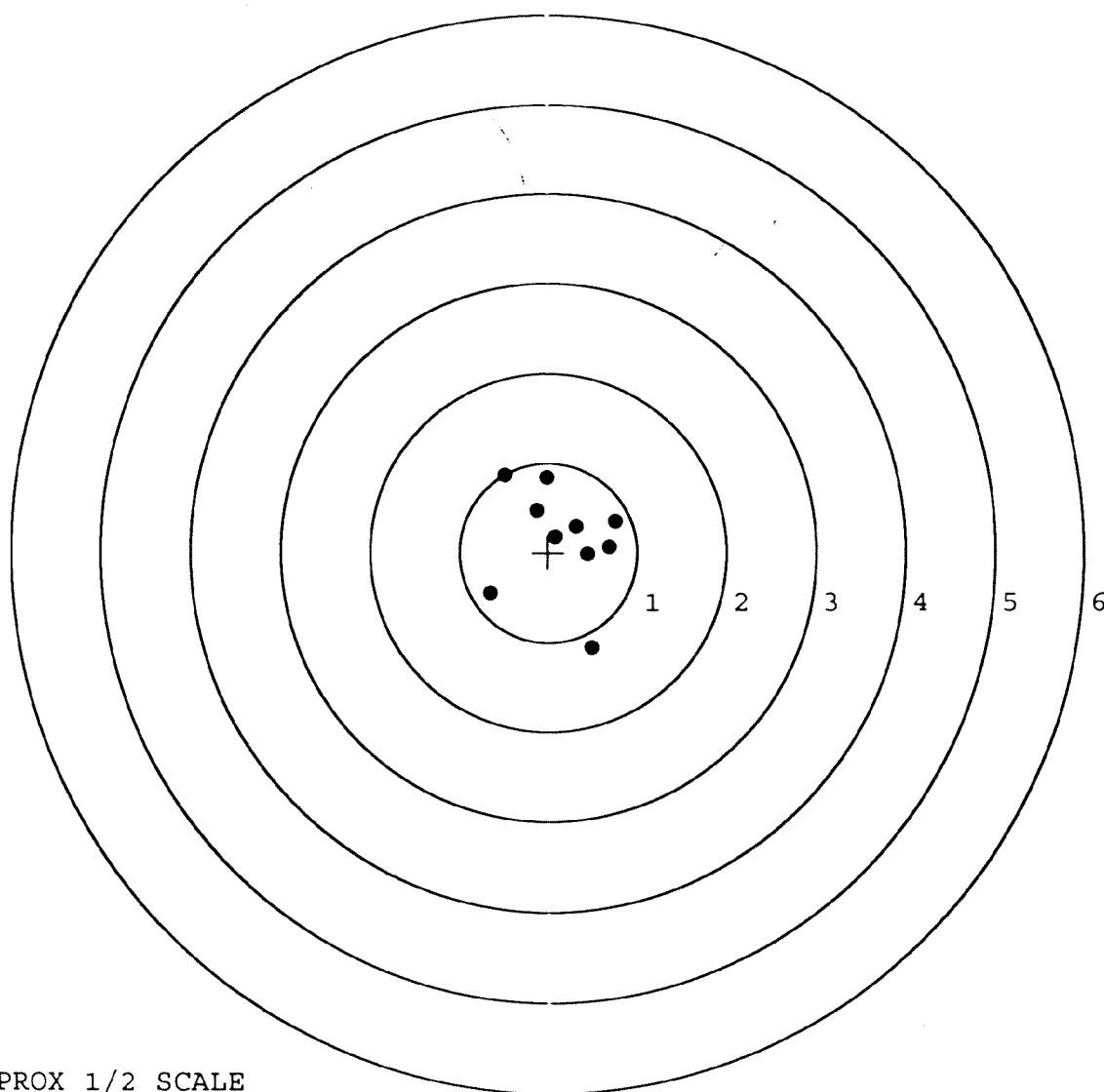


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467.___0
TARGET NUMBER: 4
FILE DATE: 09/30/2009
FILE TIME: 07:29

POINT#	X	Y
1:	0.492	-1.064
2:	-0.656	-0.457
3:	-0.493	0.865
4:	-0.020	0.838
5:	0.759	0.351
6:	-0.132	0.472
7:	0.080	0.176
8:	0.319	0.291
9:	0.444	-0.025
10:	0.690	0.064

X CENTROID: 0.148
Y CENTROID: 0.151
POA TO CENTROID: 0.212
HORZ SPREAD: 1.415
VERT SPREAD: 1.929
GROUP SPREAD: 2.166
MIN RADIUS: 0.073
MAX RADIUS: 1.263
MEAN RADIUS: 0.619
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

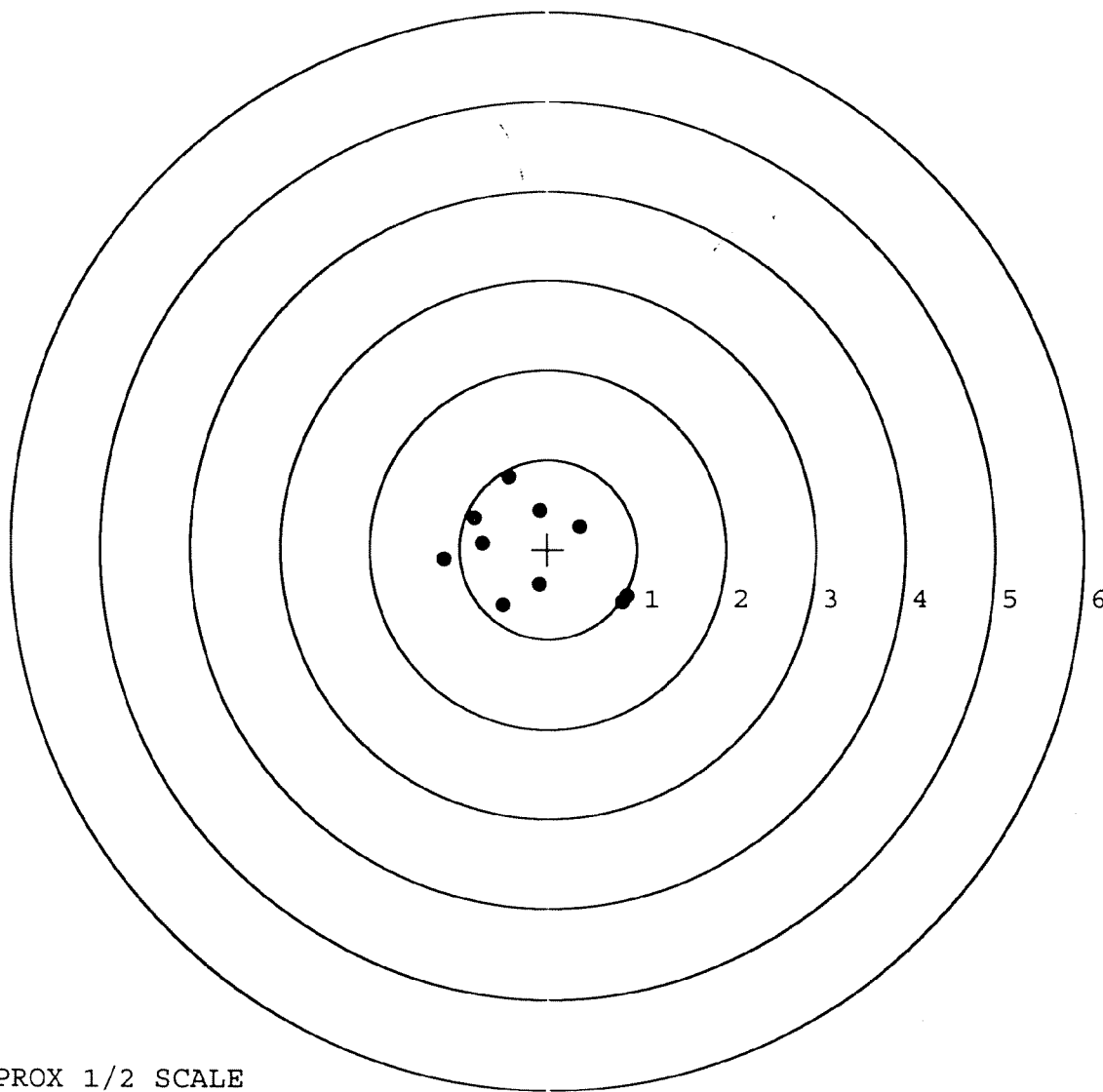


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467. __0
TARGET NUMBER: 5
FILE DATE: 09/30/2009
FILE TIME: 07:29

POINT#	X	Y
1:	-1.167	-0.114
2:	-0.446	0.811
3:	0.365	0.259
4:	0.887	-0.526
5:	0.844	-0.589
6:	-0.098	-0.399
7:	-0.740	0.070
8:	-0.827	0.360
9:	-0.508	-0.630
10:	-0.093	0.439

X CENTROID: -0.178
Y CENTROID: -0.032
POA TO CENTROID: 0.181
HORZ SPREAD: 2.054
VERT SPREAD: 1.441
GROUP SPREAD: 2.095
MIN RADIUS: 0.376
MAX RADIUS: 1.174
MEAN RADIUS: 0.770
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00092991** Serial: C6611467 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/99

Technician: Status: Closed 7/11/2005 7:31:24 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received from

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box PO Box

City: ANNISTON ANNISTON

State: AL AL Zip Code: 36201 4199 36201 4199 Country: US US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A012	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search Refresh Close

radetj 2/14/2005 10:12 AM CAPS INUM JNS SCRL

start 5 2 3 Arms Service

Serial Number: **C6611467**

Model: **M24 SWS**



RE00092991

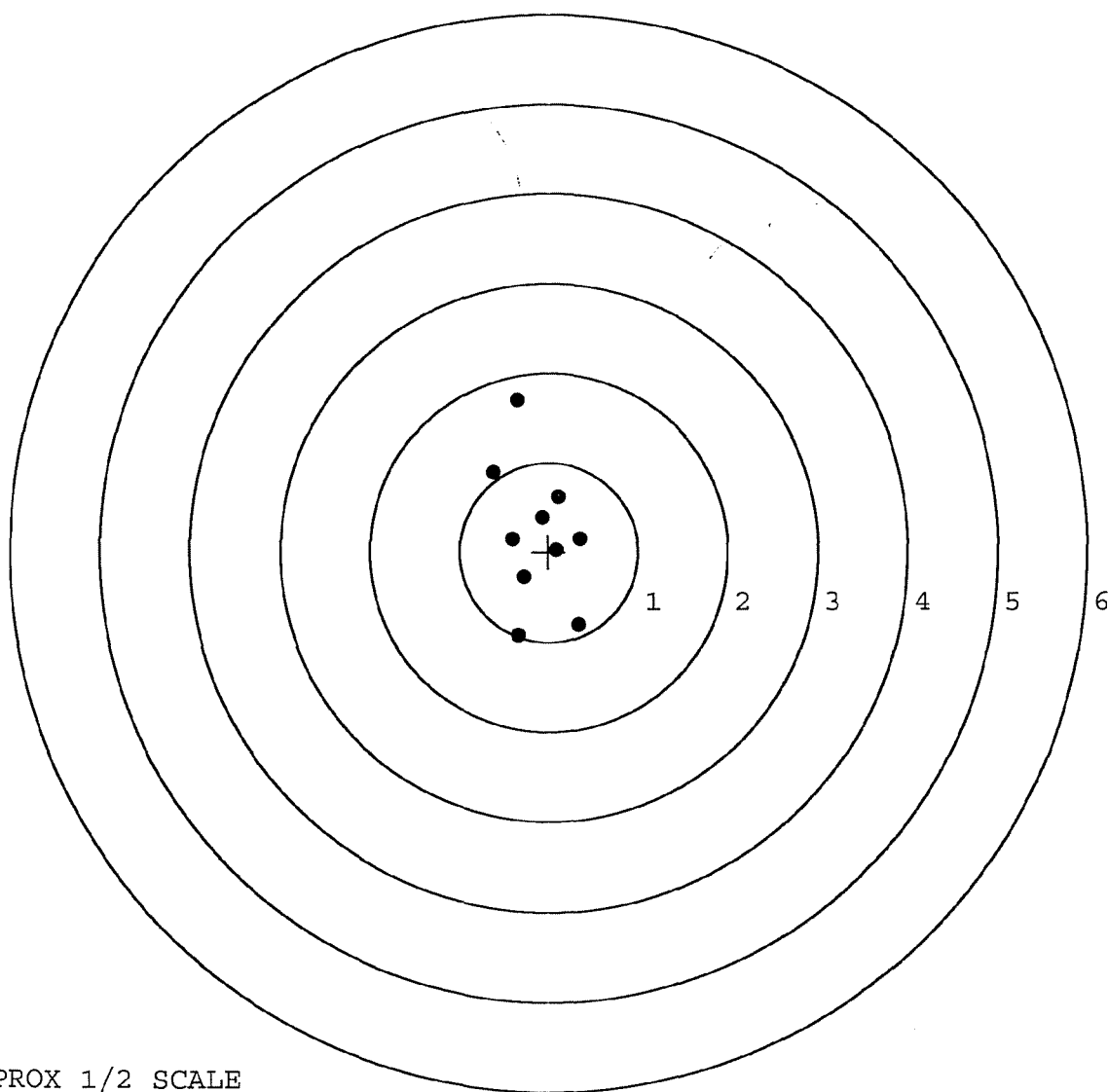
SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611467.__0
FILE DATE AND TIME: 02/21/2005 09:32

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:	0.001
The Average Point of Impact of the Five Target Set:	0.001
The Average Mean Radius of the Five Target Set:	0.688
The Distance from POA to Centroid Target #1:	0.223
The Distance from Centroid Target #2 to Centroid Target #1:	0.222
The Distance from Centroid Target #3 to Centroid Target #1:	0.318
The Distance from Centroid Target #4 to Centroid Target #1:	0.298
The Distance from Centroid Target #5 to Centroid Target #1:	0.342

SERIAL NUMBER: C6611467. 0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.338	-0.808
FILE DATE: 02/21/2005	2:	-0.346	-0.928
FILE TIME: 09:32	3:	0.349	0.149
	4:	0.088	0.023
X CENTROID: -0.120	5:	-0.280	-0.286
Y CENTROID: 0.188	6:	-0.408	0.144
POA TO CENTROID: 0.223	7:	-0.077	0.384
HORZ SPREAD: 0.971	8:	0.110	0.619
VERT SPREAD: 2.623	9:	-0.622	0.888
GROUP SPREAD: 2.623	10:	-0.356	1.695
MIN RADIUS: 0.201			
MAX RADIUS: 1.525			
MEAN RADIUS: 0.684			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			

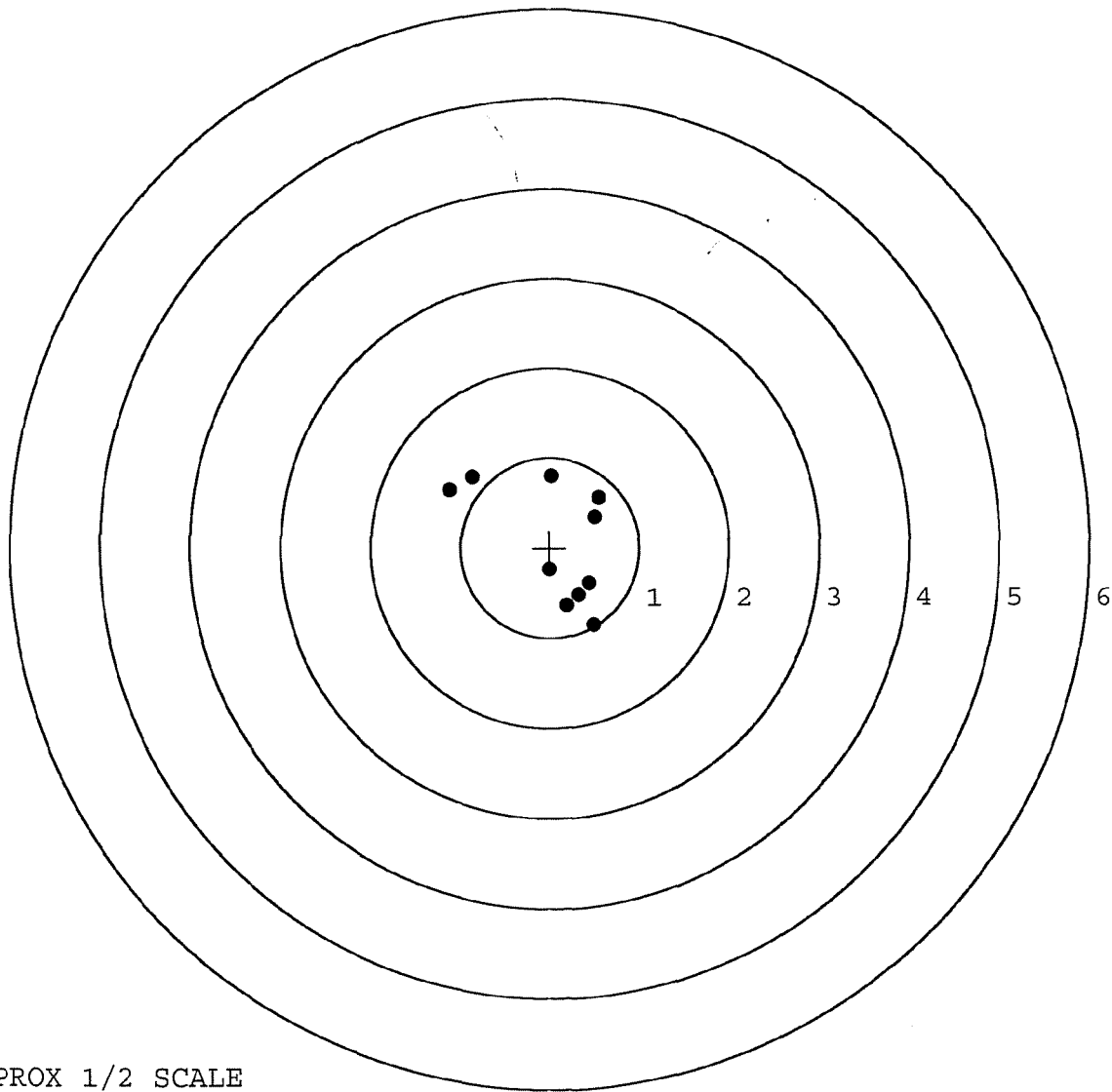


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467. 0
TARGET NUMBER: 2
FILE DATE: 02/21/2005
FILE TIME: 09:32

X CENTROID: 0.053
Y CENTROID: 0.050
POA TO CENTROID: 0.073
HORZ SPREAD: 1.670
VERT SPREAD: 1.654
GROUP SPREAD: 2.203
MIN RADIUS: 0.298
MAX RADIUS: 1.316
MEAN RADIUS: 0.772
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.548	0.562
2:	0.501	0.353
3:	0.023	0.797
4:	-0.867	0.787
5:	-1.122	0.643
6:	0.003	-0.244
7:	0.441	-0.388
8:	0.491	-0.857
9:	0.189	-0.634
10:	0.322	-0.522

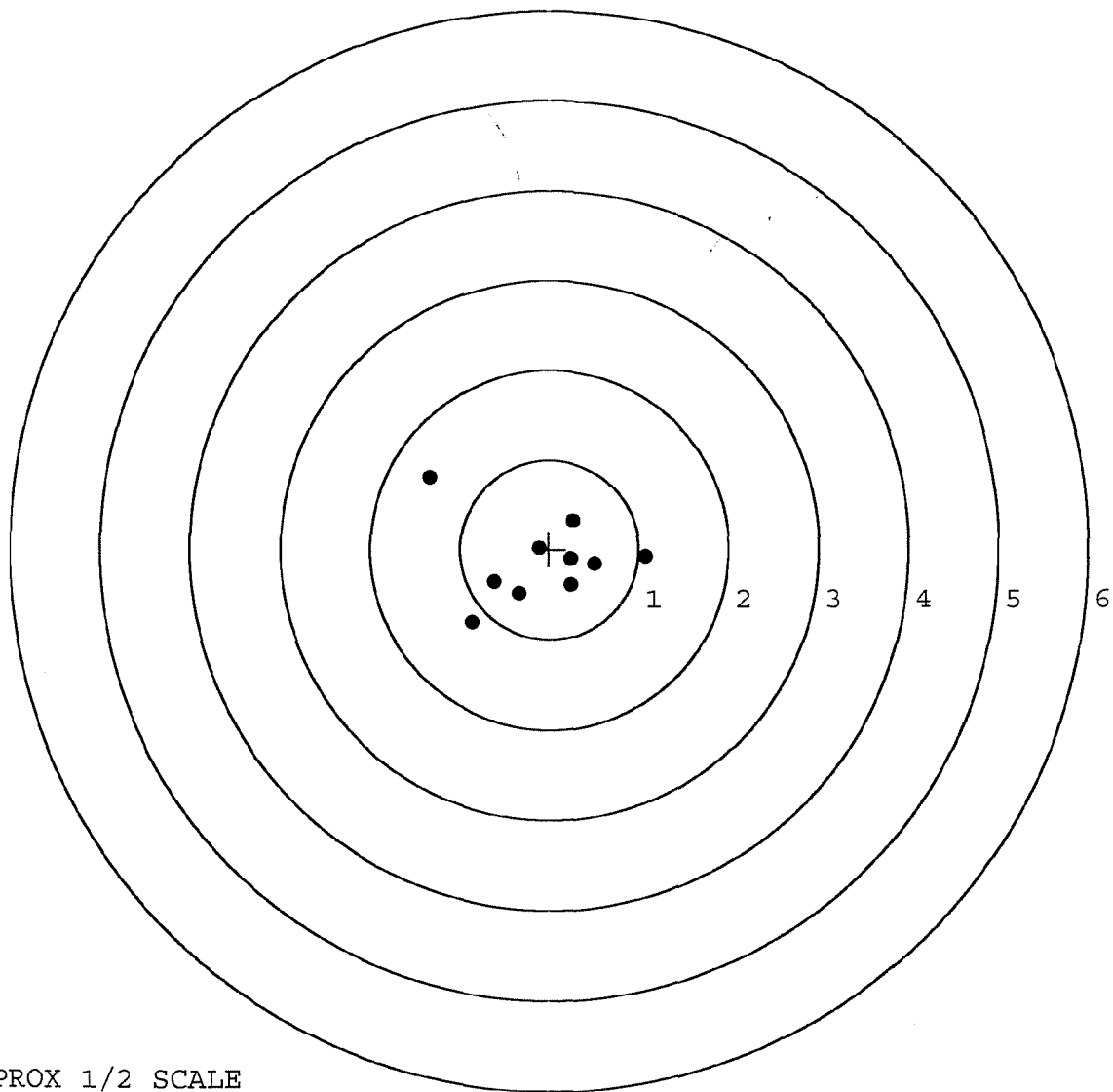


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467. 0
TARGET NUMBER: 3
FILE DATE: 02/21/2005
FILE TIME: 09:32

X CENTROID: -0.093
Y CENTROID: -0.128
POA TO CENTROID: 0.159
HORZ SPREAD: 2.416
VERT SPREAD: 1.623
GROUP SPREAD: 2.573
MIN RADIUS: 0.144
MAX RADIUS: 1.556
MEAN RADIUS: 0.688
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.077	-0.082
2:	-0.335	-0.495
3:	-0.618	-0.362
4:	-0.872	-0.819
5:	-1.339	0.804
6:	0.265	0.326
7:	0.512	-0.166
8:	0.241	-0.398
9:	-0.107	0.015
10:	0.244	-0.107

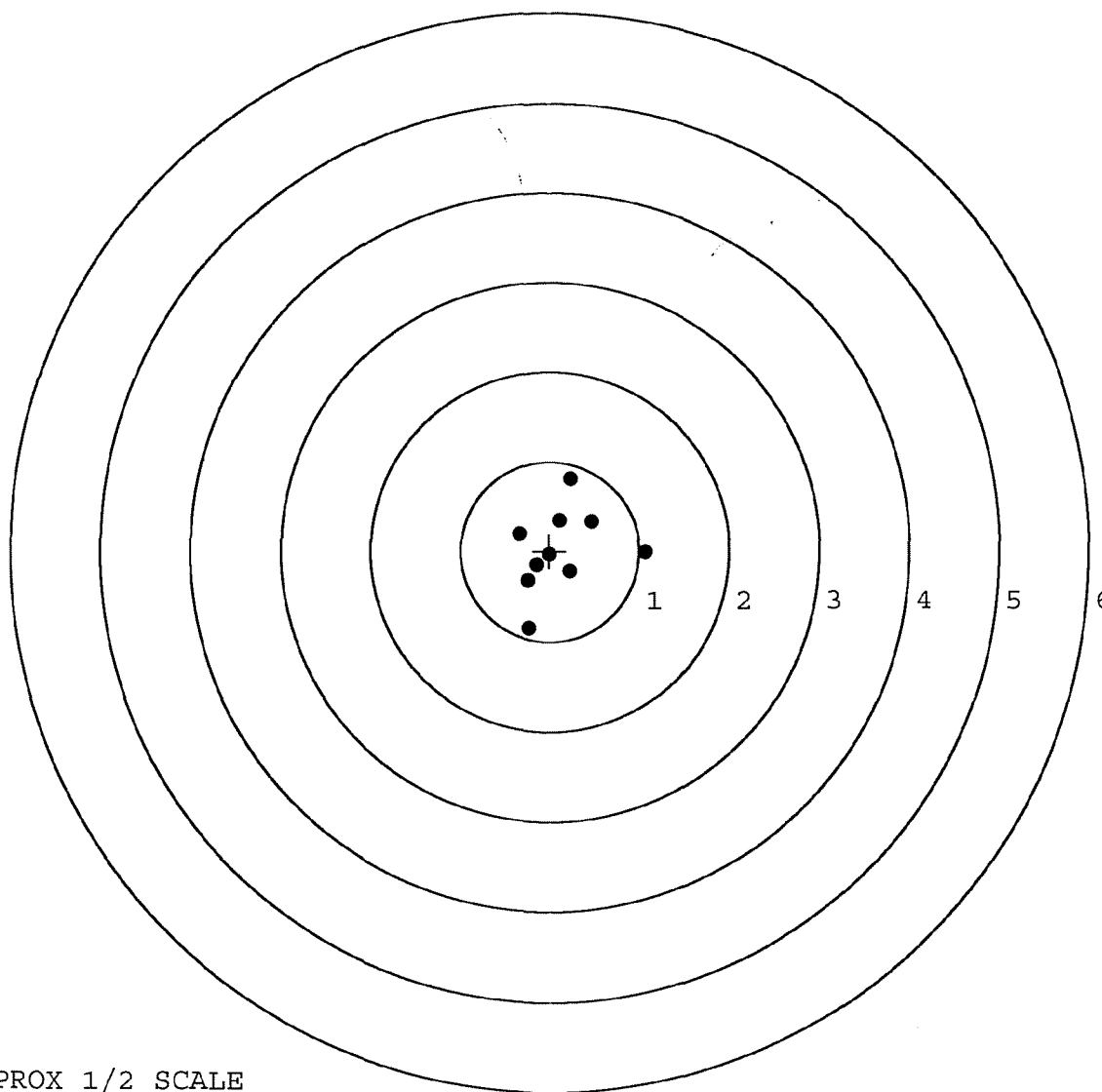


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467. __0
TARGET NUMBER: 4
FILE DATE: 02/21/2005
FILE TIME: 09:32

POINT#	X	Y
1:	1.072	-0.016
2:	0.467	0.328
3:	0.112	0.346
4:	0.236	0.812
5:	-0.342	0.193
6:	-0.235	-0.854
7:	0.233	-0.232
8:	-0.003	-0.041
9:	-0.142	-0.155
10:	-0.244	-0.330

X CENTROID: 0.115
Y CENTROID: 0.005
POA TO CENTROID: 0.116
HORZ SPREAD: 1.414
VERT SPREAD: 1.666
GROUP SPREAD: 1.553
MIN RADIUS: 0.127
MAX RADIUS: 0.957
MEAN RADIUS: 0.520
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



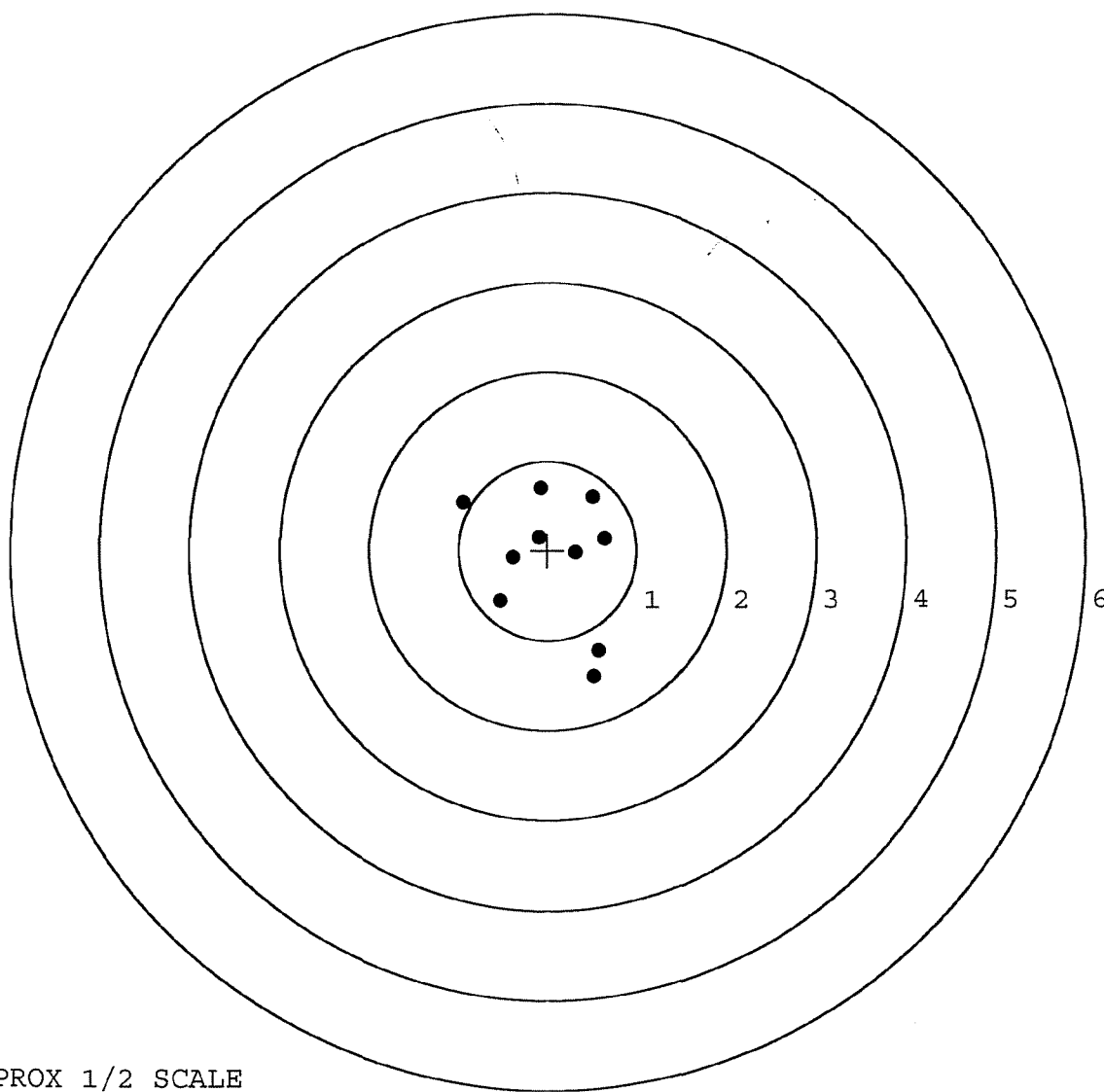
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611467. __0
TARGET NUMBER: 5
FILE DATE: 02/21/2005
FILE TIME: 09:32

POINT#	X	Y
1:	0.570	-1.118
2:	0.515	-1.403
3:	0.506	0.599
4:	-0.085	0.698
5:	-0.953	0.535
6:	-0.392	-0.083
7:	-0.537	-0.565
8:	-0.096	0.142
9:	0.316	-0.029
10:	0.642	0.130

X CENTROID: 0.049
Y CENTROID: -0.109
POA TO CENTROID: 0.120
HORZ SPREAD: 1.595
VERT SPREAD: 2.101
GROUP SPREAD: 2.431
MIN RADIUS: 0.279
MAX RADIUS: 1.375
MEAN RADIUS: 0.776

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
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)

SERIAL NO. _____

DATE 2-24-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.34	2.44		2.52	
PULL #2	2.35	2.31		2.40	
PULL #3	2.43	2.17		2.25	
PULL #4	2.46	2.24		2.39	
PULL #5	2.30	2.14		2.41	
TOTAL	11.88	11.30		11.97	
AVERAGE	2.37	2.26		2.39	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.19		
PULL #2	3.17	3.14		
PULL #3	3.16	3.16		
PULL #4	3.09	3.15		
PULL #5	3.04	3.12		
TOTAL	15.59	15.76		
AVERAGE	3.11	3.15		

	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	4.48	4.26		4.42
PULL #2	4.40	4.17		4.25
PULL #3	4.28	4.07		4.54
PULL #4	4.42	4.22		4.44
PULL #5	4.38	4.18		4.45
TOTAL	21.96	20.90		22.10
AVERAGE	4.39	4.18		4.42

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

R & E NUMBER	92991				
SERIAL NUMBER	C6611467				
LOG-IN DATE	2-11-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN	X	X		
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST			2-25-05	RTL
C	SAFETY "ON" FORCE			2-25-05	RTL
D	SAFETY "OFF" FORCE	2-25-05	RTL		
E	FIRING PIN INDENT	3-8-05	AC		
640	TARGET	2-21-05	TRW		
655	FINAL INSPECT	3-8-05	AC		
660	PACK	3-12-05	DA		
		SHIP DATE			
		QAR INSPECTION DATE			

Remington® REG. U.S. PAT. & TM. OFF.

MODEL 700™ 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.

UPONT

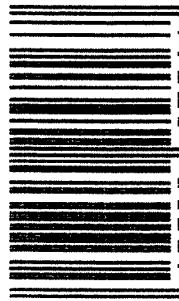
SERIAL NO. C6611467	ORDER NO. 5716
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46



5716 C6611467

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611467

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	G.S.
617	Drill and Tap Sight Holes	APR	3 1991	K.B.
618	Polish Barrel	APR	3 1991	K.B.
620	Apply Coatings (Barrel Action)		4/19/91	KS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/91	KS
	C) Inspect Ejector Hole for Chamfer		4/24/91	KS
	D) Oil Firing Pin Ass'y		4/24/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/25/91	KS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/29/91	SL
	G) Safety Off Force	3	3	3			4/29/91	SL
	H) Trigger Pull Test & Retainability						4/25/91	SL
	I) Firing Pin Indent	.022	.022	.022			4/29/91	SL
	J) Assemble Stock						5/4/91	KS
	K) Assemble Swivel Studs						5-9-91	AC
	L) Attach Front and Rear Sight Assemblies						5/4/91	KS
	M) Iron Sight Alignment						5/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/4/91	KS
	O) Attach Scope to Rifle						5/4/91	KS
	P) Detach & Attach Scope 20 Times						5/4/91	KS
640	Gallery Target & Test						5-6-91	AC
	A) Time						5-6-91	AC
	B) Malfunctions						5-6-91	AC
	C) Pierced Primers						5-6-91	AC
	D) Optical Clarity of Scope						5-6-91	AC
645	Inspect for Live Ammo						5-6-91	AC
655	Final Inspection							
	A) Headspace						5-9-91	AC
	B) Trigger Pull	2.54	2.56	2.57	2.52	2.54	5/9/91	SL
	C) Function						5-9-91	AC
660	Pack						6-18-91	AC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 2-66H467

DATE 4/25/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.24	2.35	2.34	MIN. SETTING,
PULL #2	2.58	2.33	2.43	2.56	NO AVG. OF 5
PULL #3	2.59	2.20	2.28	2.51	READINGS ACCEPT-
PULL #4	2.59	2.32	2.30	2.52	ABLE LESS THAN 2#
PULL #5	2.32	2.33	2.32	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.31		
PULL #2	3.31	3.35		
PULL #3	3.23	3.32		
PULL #4	3.26	3.40		
PULL #5	3.40	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.52		4.49
PULL #2	4.44	4.52		4.34
PULL #3	4.46	4.49		4.56
PULL #4	4.45	4.47		4.55
PULL #5	4.53	4.21		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611467
6 May 1991

CENTROIDAL DISTANCES

0 TO	1	.278111
1 TO	2	.238076
1 TO	3	.120167
1 TO	4	.324168
1 TO	5	.0431856

4 ←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2306
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1982
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .304072
THE AMR FOR THIS RIFLE IS: .915

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611467

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in = 9

HS- 2.626

VS= 1.709

GS= 2.778

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.105	.936	.645
MINIMUM X	:	-1.521	-1.043	-.926
MAXIMUM Y	:	.896	.907	.806
MINIMUM Y	:	-.813	-.802	-.727
CENTROID X	:	.255	.424	.307
CENTROID Y	:	-.111	-.122	-.021
POA TO CENTROID in.	:	.278	.441	.308
MIN RADIUS	:	.388	.280	.424
MEAN RADIUS	:	.887	.791	.740
MAX RADIUS	:	1.524	1.233	1.092
HORIZONTAL SPREAD	:	2.626	1.979	1.571
VERTICAL SPREAD	:	1.709	1.709	1.533
EXTREME SPREAD	:	2.778	2.378	1.811
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 3.639

VS= 1.440

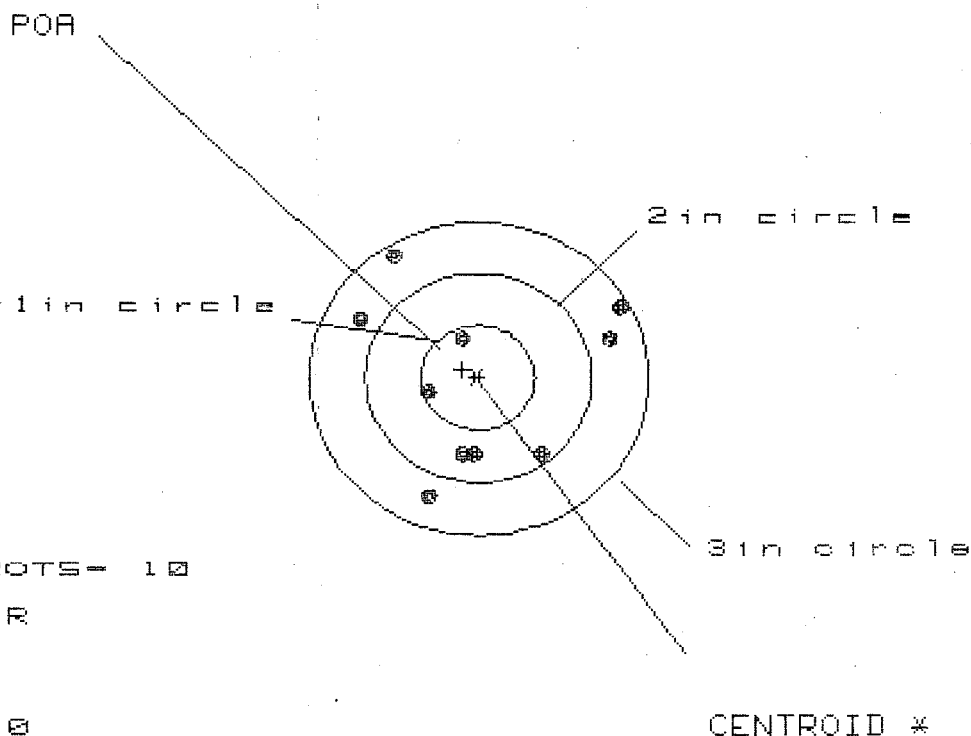
GS= 3.814

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.319	1.045	.912
MINIMUM X	:	-1.320	-1.063	-.719
MAXIMUM Y	:	.844	.759	.733
MINIMUM Y	:	-.596	-.502	-.528
CENTROID X	:	.117	-.140	-.007
CENTROID Y	:	-.305	-.399	-.373
POA TO CENTROID in.	:	.327	.423	.373
MIN RADIUS	:	.421	.176	.299
MEAN RADIUS	:	.942	.716	.676
MAX RADIUS	:	2.468	1.087	.968
HORIZONTAL SPREAD	:	3.639	2.108	1.631
VERTICAL SPREAD	:	1.440	1.261	1.261
EXTREME SPREAD	:	3.814	2.110	1.703
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.366

VS= 2.307

GS= 2.496

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.279	1.337	1.260
MINIMUM X	:	-1.087	-.945	-1.022
MAXIMUM Y	:	1.220	1.299	.774
MINIMUM Y	:	-1.087	-1.008	-.846
CENTROID X	:	.141	-.001	.076
CENTROID Y	:	-.073	-.152	-.314
POA TO CENTROID in.	:	.159	.152	.323
MIN RADIUS	:	.401	.256	.362
MEAN RADIUS	:	.965	.880	.788
MAX RADIUS	:	1.462	1.435	1.421
HORIZONTAL SPREAD	:	2.366	2.282	2.282
VERTICAL SPREAD	:	2.307	2.307	1.620
EXTREME SPREAD	:	2.496	2.326	2.285
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

6 May 1991

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 3.375

VS= 1.337

GS= 3.393

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.088	1.124	.992
MINIMUM X	-1.287	-1.055	-.900
MAXIMUM Y	.626	.643	.620
MINIMUM Y	-.711	-.694	-.717
CENTROID X	.353	.121	.253
CENTROID Y	-.420	-.437	-.414
POA TO CENTROID in.	.549	.453	.485
MIN RADIUS	.220	.378	.318
MEAN RADIUS	.922	.775	.725
MAX RADIUS	2.093	1.321	1.224
HORIZONTAL SPREAD	3.375	2.179	1.892
VERTICAL SPREAD	1.337	1.337	1.337
EXTREME SPREAD	3.393	2.239	1.951
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

6 May 1991

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.945

VS= 2.163

GS= 2.945

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.363	1.187	1.186
MINIMUM X	-1.582	-.792	-.793
MAXIMUM Y	.678	.718	.537
MINIMUM Y	-1.485	-1.445	-.519
CENTROID X	.287	.463	.464
CENTROID Y	-.082	-.122	.059
POA TO CENTROID in.	.298	.478	.468
MIN RADIUS	.120	.292	.340
MEAN RADIUS	.859	.796	.697
MAX RADIUS	1.622	1.445	1.200
HORIZONTAL SPREAD	2.945	1.979	1.979
VERTICAL SPREAD	2.163	2.163	1.056
EXTREME SPREAD	2.945	2.185	2.082
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	