

C6611384

MODEL 700TM M24

Model **SMS**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: **RE00129620** Serial: C6611384 Model M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Produced: 03/20/1991 Repairman: Status: New 5/22/2007 11:35:39 AM

Address Information

Customer: Received From Return To: Received From

Name: DODDAAC W81F64 DODDAAC W81F64

Address 1: CAMP ROBERTS MATES CAMP ROBERTS MATES

Address 2: EAST GARRISON BLDG 25021 PO Box: EAST GARRISON BLDG 25021 PO Box:

City: SAN MIGUEL SAN MIGUEL

State: CA Zip Code: 93451 Country: US State: CA Zip Code: 93451 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	A045	Bi Pod	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																	
A007	With Stud	3																	
A017	Scope Base	1																	
A045	Bi Pod	1																	
A057	Fit and Rear Sgt Base	1																	

Repair Search Refresh Close

nagletj 5/23/2007 7:39 AM CAPS NUM INS SCRL

start 3 Mi... Arms ... Part S... 6 Int... 3 Mi... Stock ... 7:39 AM

Serial Number: **C6611384**

Model: **M24 SWS**



RE00129620

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611384.___0

FILE DATE AND TIME: 07/05/2007 15:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.077
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.719
The Distance from POA to Centroid Target #1:	0.154
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.115
The Distance from Centroid Target #4 to Centroid Target #1:	0.148
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

SERIAL NUMBER: C6611384. __0

TARGET NUMBER: 1

FILE DATE: 07/05/2007

FILE TIME: 15:00

X CENTROID: 0.069

Y CENTROID: -0.137

POA TO CENTROID: 0.154

HORZ SPREAD: 2.613

VERT SPREAD: 1.391

GROUP SPREAD: 2.782

MIN RADIUS: 0.237

MAX RADIUS: 1.591

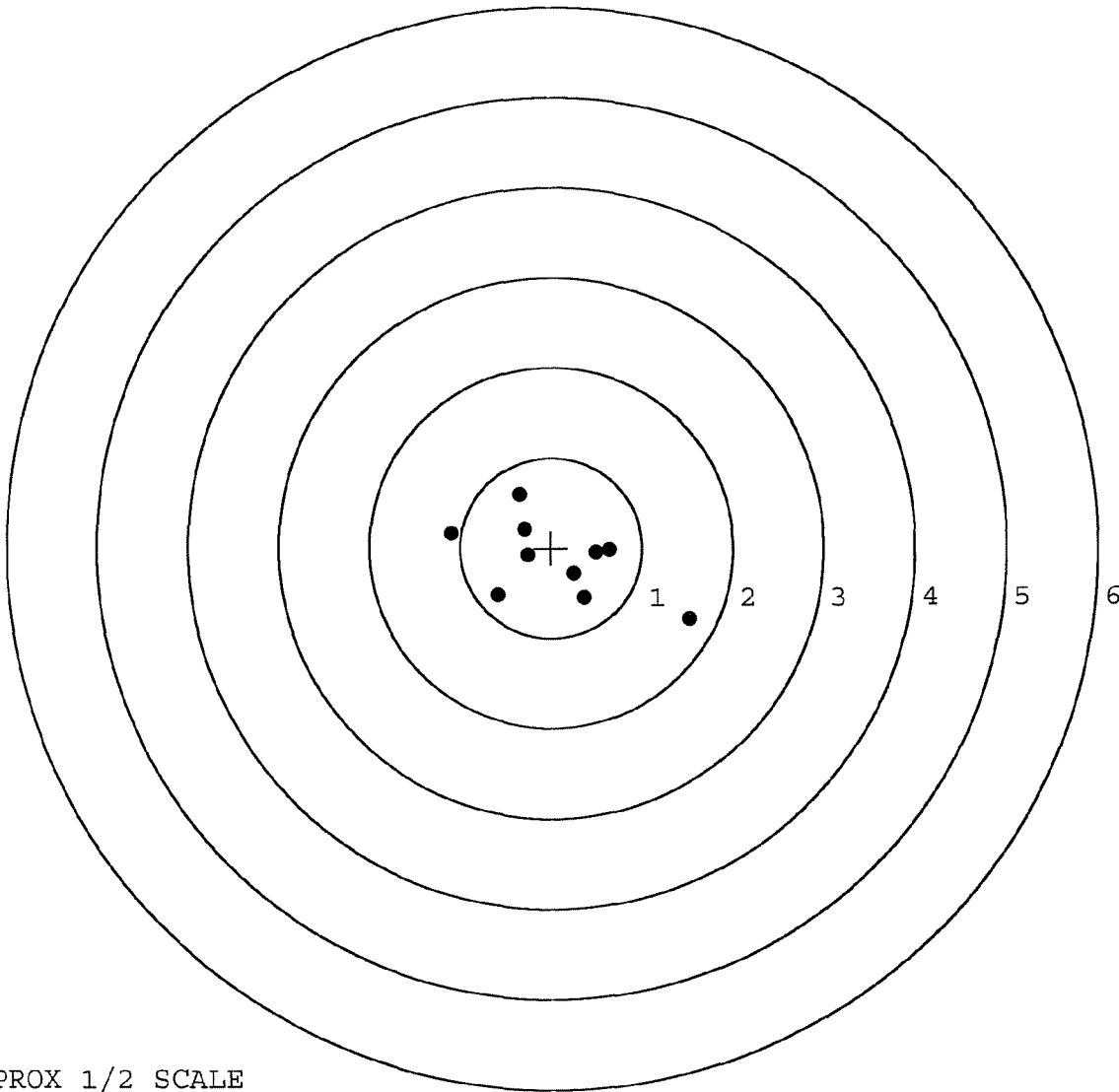
MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.518	-0.794
2:	0.364	-0.559
3:	0.249	-0.292
4:	0.498	-0.057
5:	0.645	-0.028
6:	-0.592	-0.533
7:	-0.256	-0.083
8:	-0.291	0.213
9:	-0.349	0.597
10:	-1.095	0.162

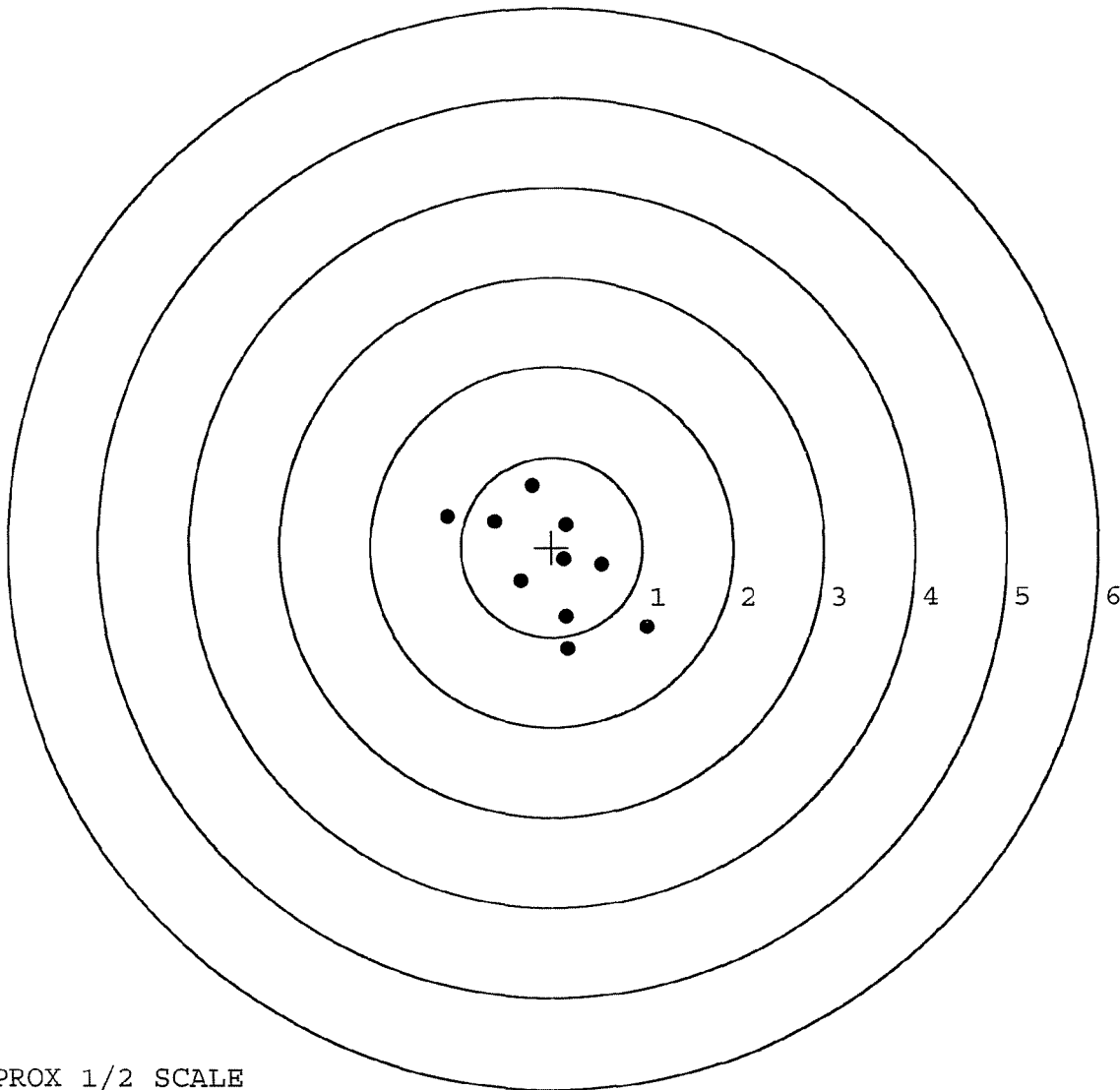


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. 0
 TARGET NUMBER: 2
 FILE DATE: 07/05/2007
 FILE TIME: 15:00

X CENTROID: -0.011
 Y CENTROID: -0.195
 POA TO CENTROID: 0.195
 HORZ SPREAD: 2.193
 VERT SPREAD: 1.828
 GROUP SPREAD: 2.516
 MIN RADIUS: 0.157
 MAX RADIUS: 1.265
 MEAN RADIUS: 0.735
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.044	-0.892
2:	0.177	-1.135
3:	0.157	-0.775
4:	0.548	-0.199
5:	0.135	-0.137
6:	0.158	0.250
7:	-0.215	0.693
8:	-0.628	0.285
9:	-1.149	0.341
10:	-0.342	-0.376



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. 0

TARGET NUMBER: 3

FILE DATE: 07/05/2007

FILE TIME: 15:00

X CENTROID: 0.024

Y CENTROID: -0.032

POA TO CENTROID: 0.040

HORZ SPREAD: 2.084

VERT SPREAD: 1.769

GROUP SPREAD: 2.258

MIN RADIUS: 0.138

MAX RADIUS: 1.351

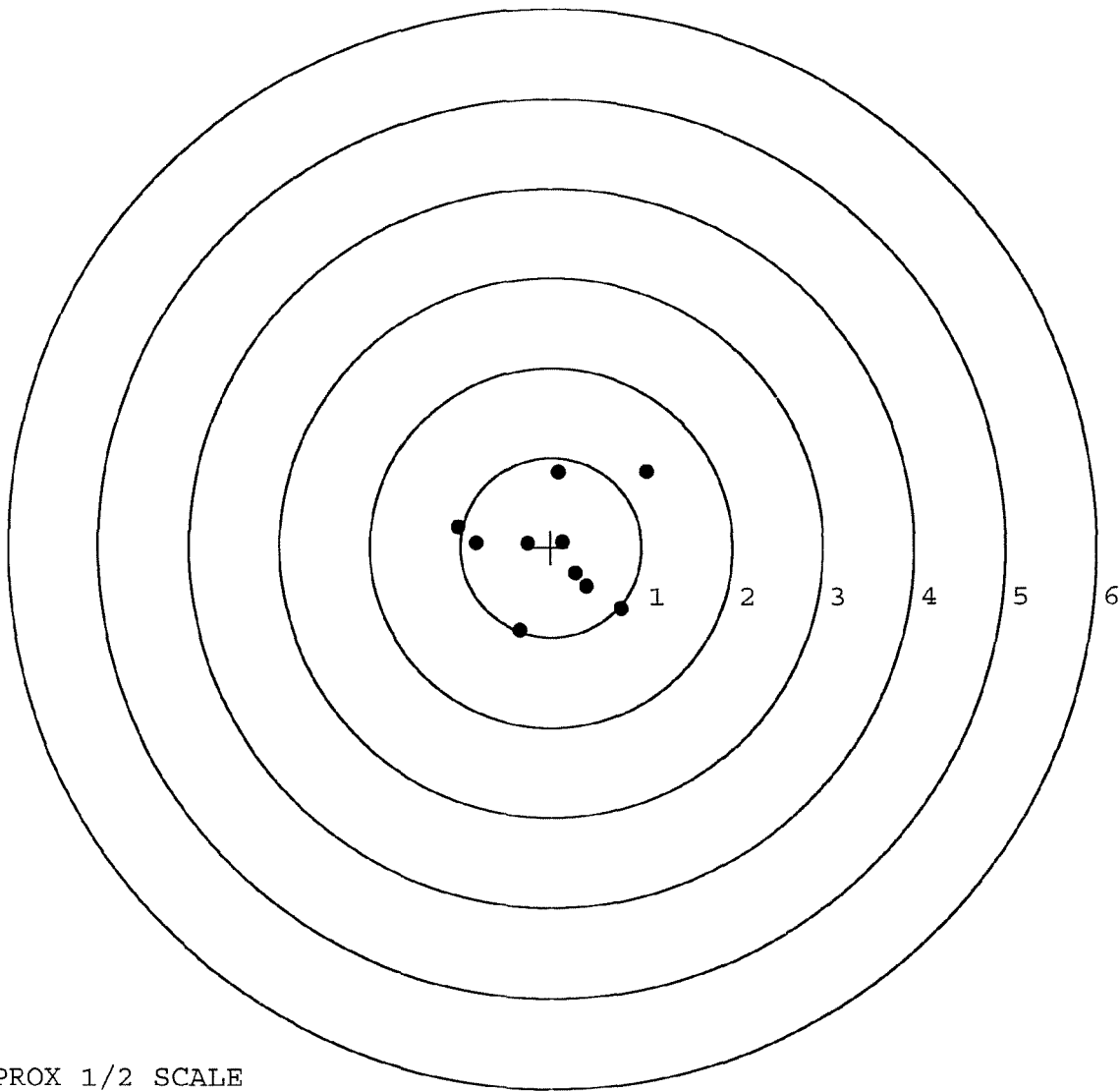
MEAN RADIUS: 0.747

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.772	-0.690
2:	-0.349	-0.927
3:	0.392	-0.443
4:	0.273	-0.295
5:	0.130	0.056
6:	-0.259	0.044
7:	-0.825	0.042
8:	-1.029	0.220
9:	0.080	0.835
10:	1.055	0.842



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. 0

TARGET NUMBER: 4

FILE DATE: 07/05/2007

FILE TIME: 15:00

X CENTROID: -0.033

Y CENTROID: -0.030

POA TO CENTROID: 0.045

HORZ SPREAD: 1.339

VERT SPREAD: 1.871

GROUP SPREAD: 1.940

MIN RADIUS: 0.150

MAX RADIUS: 1.203

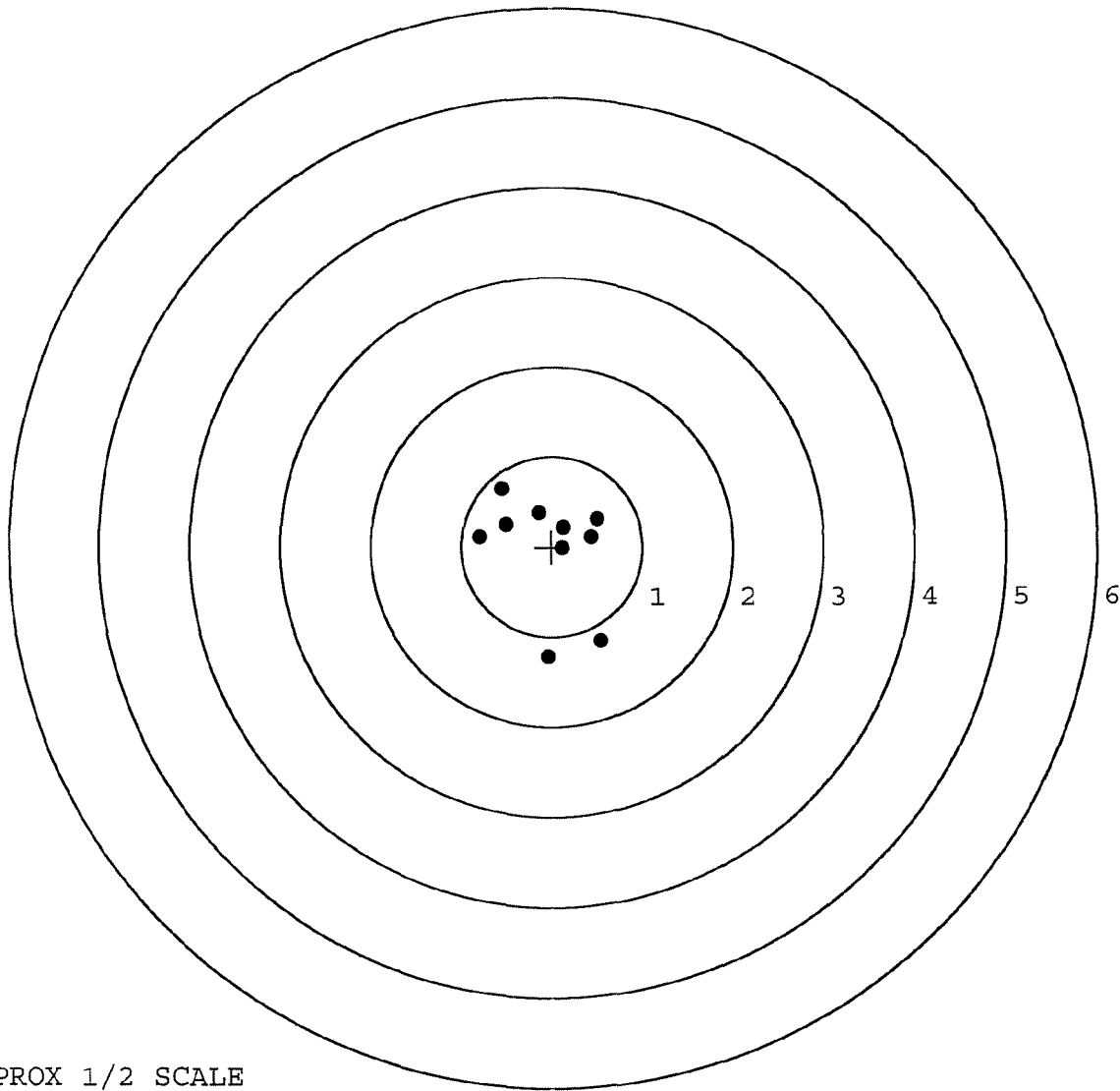
MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.545	-1.053
2:	-0.043	-1.233
3:	-0.554	0.638
4:	-0.507	0.245
5:	-0.153	0.376
6:	-0.794	0.108
7:	0.116	-0.019
8:	0.123	0.214
9:	0.439	0.110
10:	0.496	0.311

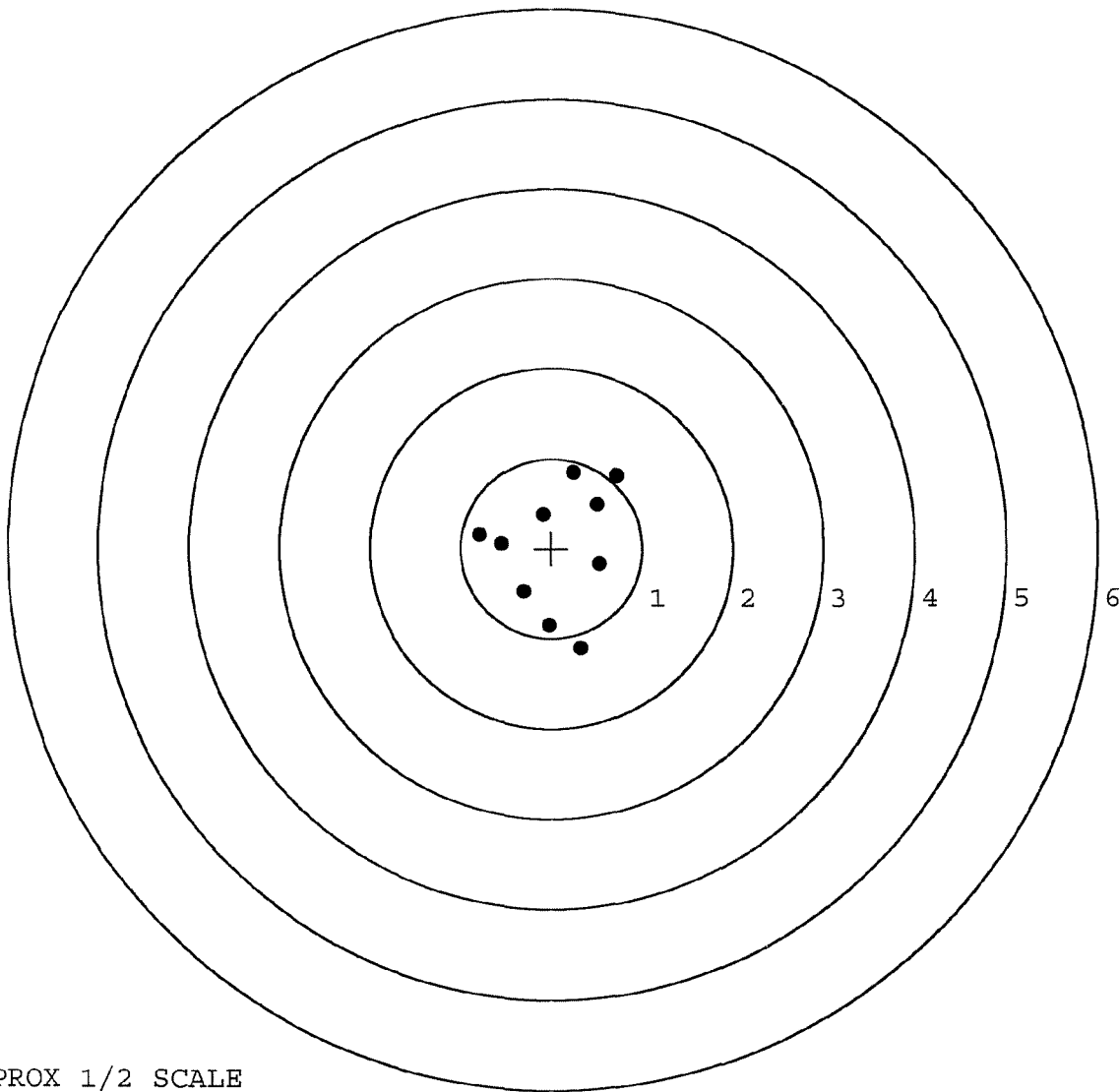


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. __0
 TARGET NUMBER: 5
 FILE DATE: 07/05/2007
 FILE TIME: 15:00

X CENTROID: 0.054
 Y CENTROID: 0.010
 POA TO CENTROID: 0.055
 HORZ SPREAD: 1.501
 VERT SPREAD: 1.964
 GROUP SPREAD: 1.973
 MIN RADIUS: 0.397
 MAX RADIUS: 1.158
 MEAN RADIUS: 0.758
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.714	0.819
2:	0.244	0.849
3:	0.501	0.493
4:	0.530	-0.177
5:	-0.094	0.379
6:	-0.787	0.149
7:	-0.313	-0.481
8:	-0.030	-0.866
9:	0.326	-1.115
10:	-0.553	0.052



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		129620	
SERIAL NUMBER		C6061K384	
LOG-IN DATE		5-22-07	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-20-07	RTZ
505	RE-BARREL	6-22-07	RTZ
560	ASSEMBLE	6-22-07	RTZ
600	PROOF	6-22-07	TRW
605	CHECK HEADSPACE	6-22-07	TRW
610	DIS-ASSEMBLE GUN	6-22-07	RTZ
612	MAGNAFLUX	6/25/07	WMS
510	DRILL AND TAP	6-22-07	SD
615	ROLLMARK CALIBER	6-26-07	CW
618	ROTO-BLAST	6-26-07	CB
620	APPLY COATINGS	6-28-07	CMZ
625	FINAL ASSEMBLY	7-2-07	P.P.D.
640	FUNCTION TEST AND	PASS FAIL	7-5-07 TRW
650	TARGET	PASS FAIL	7-5-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	7-5-07 MAD
670	FINAL INSPECTION		7-6-07 DA
	A) HEADSPACE	PASS FAIL	7-6-07 DA
	B) TRIGGER PULL	2.69 2.65 2.68 2.66 2.68 7-5-07	DA
	F) SAFETY ON FORCE	4.0 4.0 4.0 7-5-07	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.5 7-5-07	DA
	I) FIRING PIN INDENT	.022 .022 .022 7-5-07	DA
690	PACK		7-10-07 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: **RE00044302** Serial: **C6611384** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 4/1/02 3:05:18 PM**

Verify Repair

Address Information

Customer: **HHC 1184TH IN** Received From: **HHC 1184TH IN** Return To: **HHC 1184TH IN**

Address 1: **1040 FLOWER ST** Address 2: PO Box: City: **TURLOCK** State: **CA** Zip Code: **95380** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1

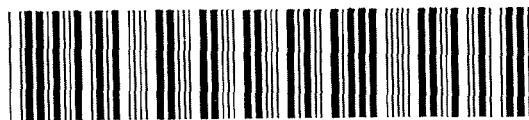
Repair Search Refresh Close

neglet 4/1/02 3:30 PM CAPS NUM INS SCPL

Start Inbox - Mi... Calendar... WAR-IN... Scorecar... SWS Re... Arms S... 3:30 PM

Number: **C6611384**

Model: **700**



RE00044302

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611384.___0
FILE DATE AND TIME: 04/16/2002 13:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.591
The Distance from POA to Centroid Target #1:	0.030
The Distance from Centroid Target #2 to Centroid Target #1:	0.032
The Distance from Centroid Target #3 to Centroid Target #1:	0.221
The Distance from Centroid Target #4 to Centroid Target #1:	0.051
The Distance from Centroid Target #5 to Centroid Target #1:	0.034

SERIAL NUMBER: C6611384. __0

TARGET NUMBER: 1

FILE DATE: 04/16/2002

FILE TIME: 13:51

X CENTROID: -0.009

Y CENTROID: -0.029

POA TO CENTROID: 0.030

HORZ SPREAD: 1.879

VERT SPREAD: 2.028

GROUP SPREAD: 2.550

MIN RADIUS: 0.135

MAX RADIUS: 1.332

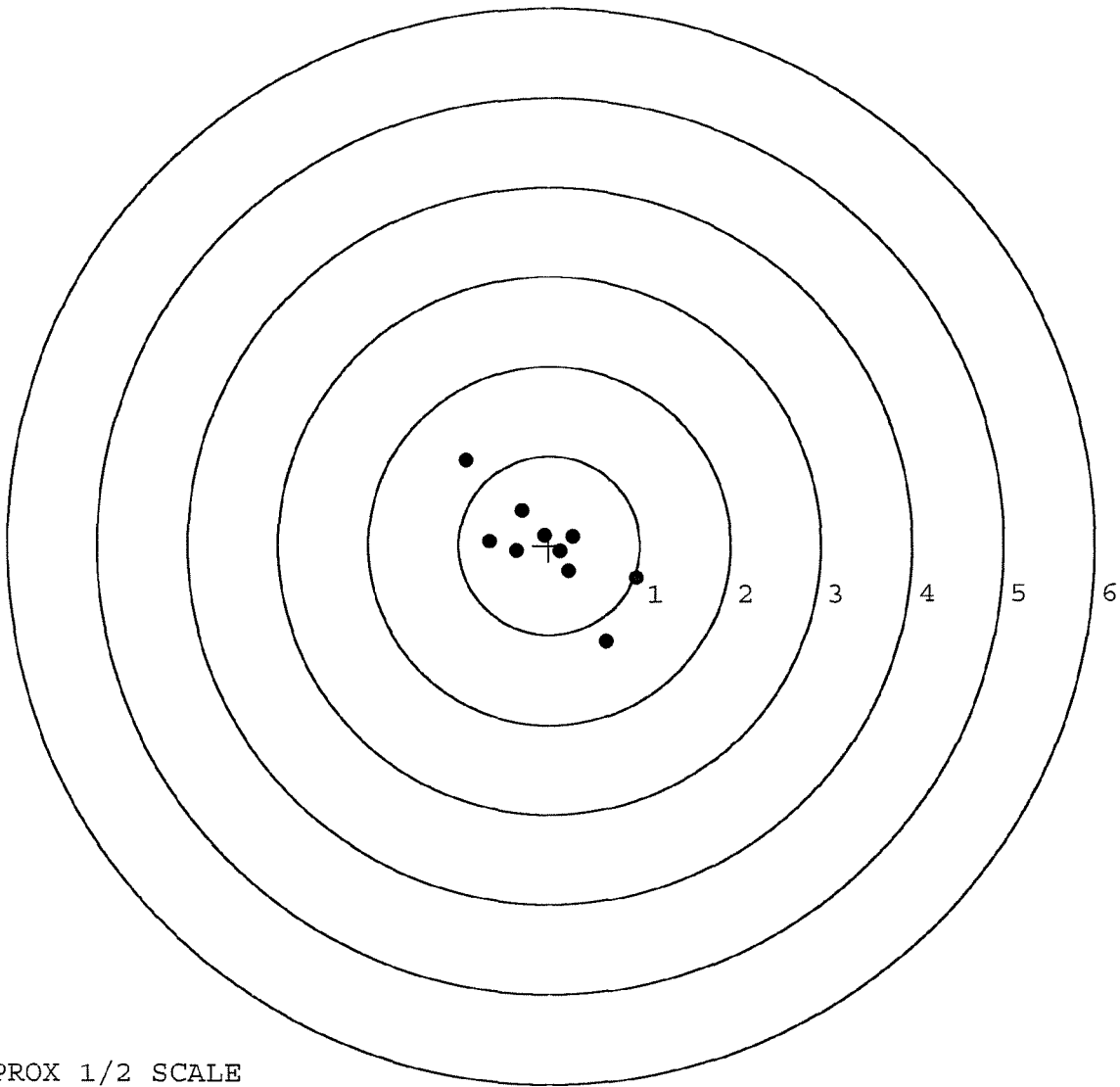
MEAN RADIUS: 0.604

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.632	-1.081
2:	0.965	-0.368
3:	0.219	-0.296
4:	0.121	-0.068
5:	0.261	0.095
6:	-0.365	-0.066
7:	-0.656	0.043
8:	-0.301	0.392
9:	-0.914	0.947
10:	-0.047	0.110



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. __0

TARGET NUMBER: 2

FILE DATE: 04/16/2002

FILE TIME: 13:51

X CENTROID: -0.023

Y CENTROID: -0.057

POA TO CENTROID: 0.062

HORZ SPREAD: 0.917

VERT SPREAD: 1.858

GROUP SPREAD: 1.906

MIN RADIUS: 0.130

MAX RADIUS: 1.253

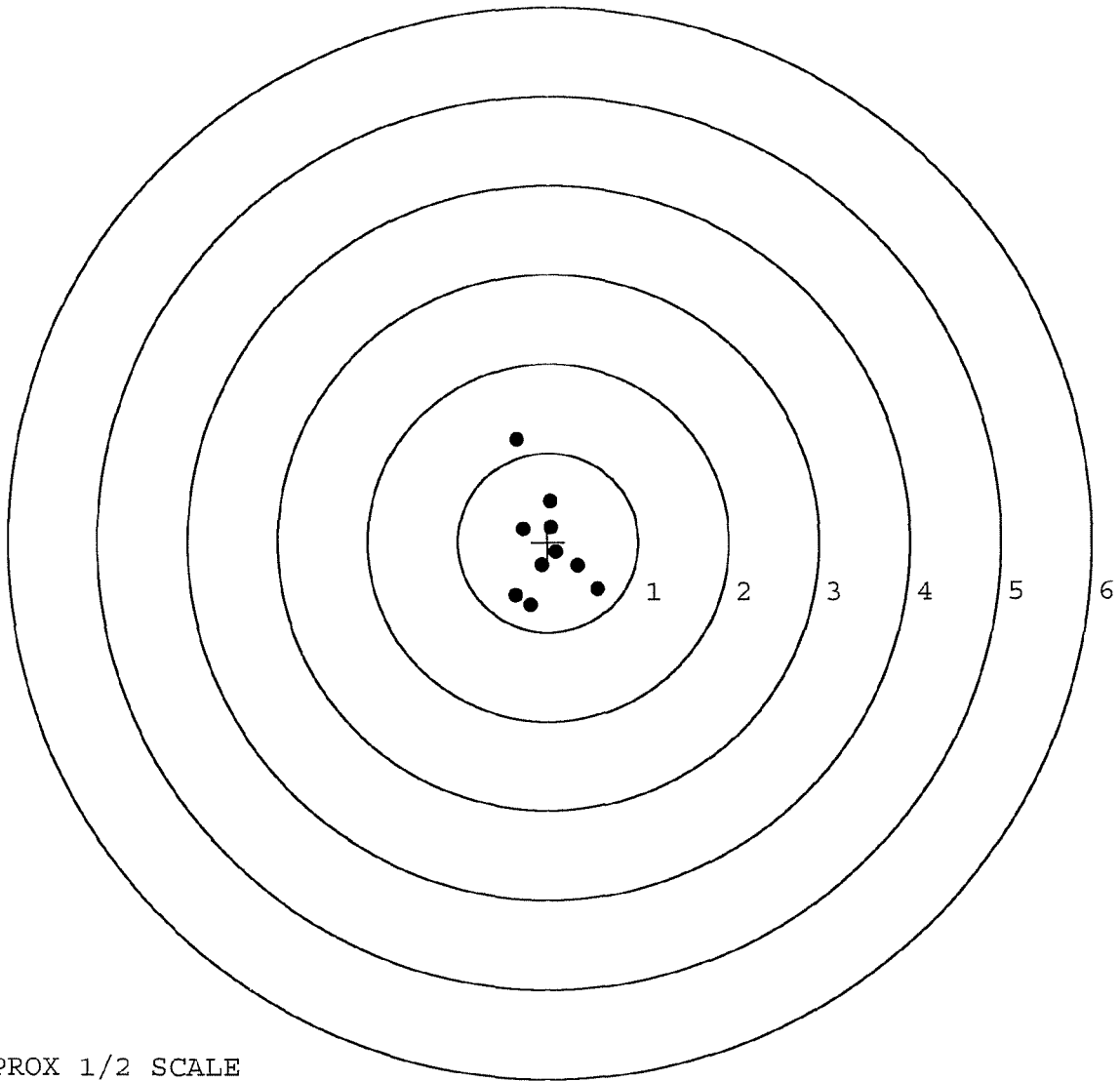
MEAN RADIUS: 0.513

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.551	-0.528
2:	-0.195	-0.706
3:	-0.366	-0.599
4:	0.330	-0.270
5:	-0.073	-0.265
6:	0.092	-0.119
7:	-0.275	0.142
8:	0.039	0.165
9:	0.021	0.454
10:	-0.350	1.152



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. __0

TARGET NUMBER: 3

FILE DATE: 04/16/2002

FILE TIME: 13:51

X CENTROID: -0.228

Y CENTROID: -0.059

POA TO CENTROID: 0.235

HORZ SPREAD: 2.317

VERT SPREAD: 1.131

GROUP SPREAD: 2.374

MIN RADIUS: 0.101

MAX RADIUS: 1.528

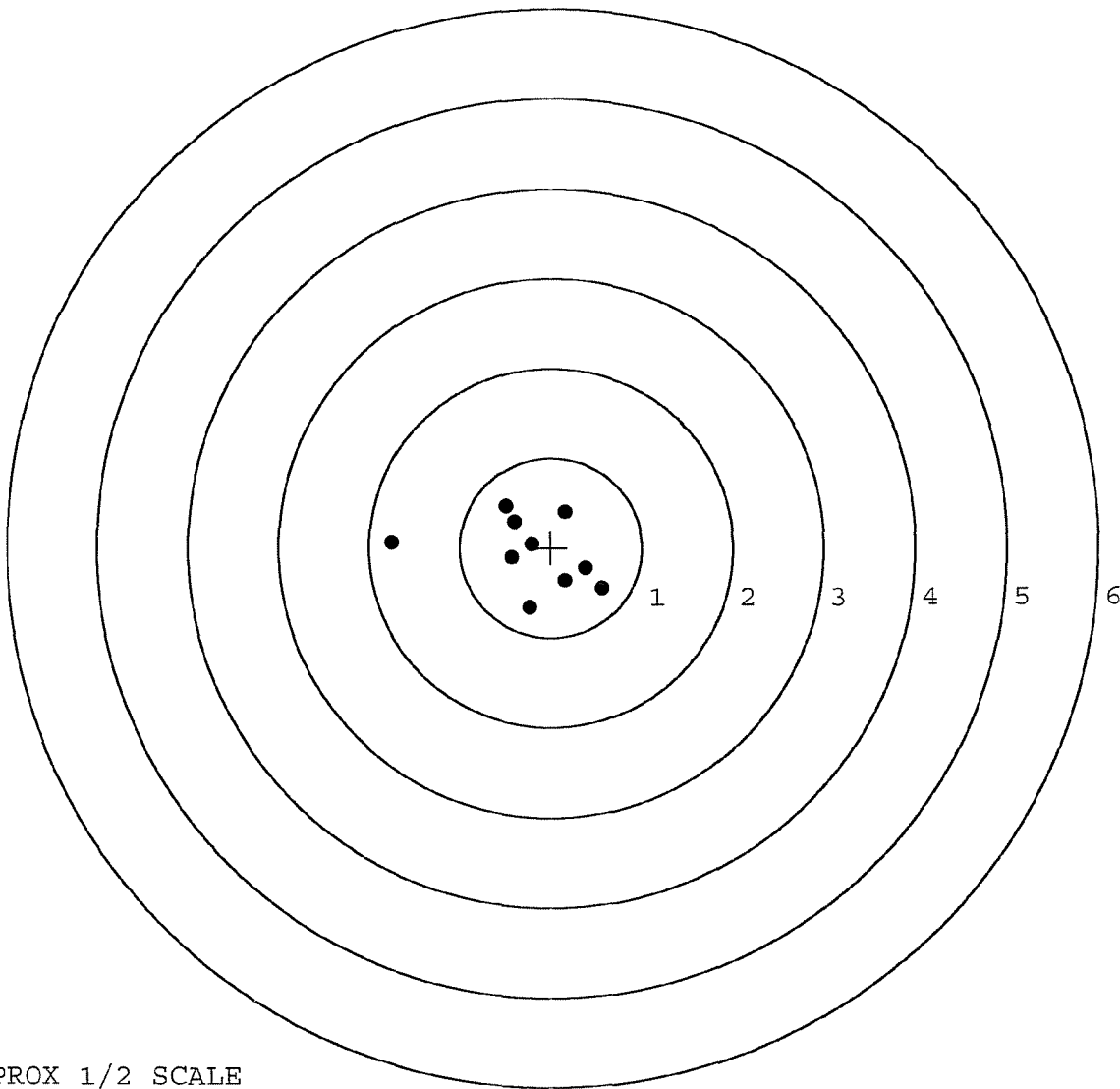
MEAN RADIUS: 0.603

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.566	-0.459
2:	0.382	-0.230
3:	0.154	-0.368
4:	-0.240	-0.670
5:	-0.431	-0.110
6:	-0.213	0.041
7:	0.155	0.396
8:	-0.496	0.461
9:	-0.405	0.289
10:	-1.751	0.058



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. __0

TARGET NUMBER: 4

FILE DATE: 04/16/2002

FILE TIME: 13:51

X CENTROID: 0.042

Y CENTROID: -0.031

POA TO CENTROID: 0.052

HORZ SPREAD: 2.091

VERT SPREAD: 1.664

GROUP SPREAD: 2.280

MIN RADIUS: 0.440

MAX RADIUS: 1.298

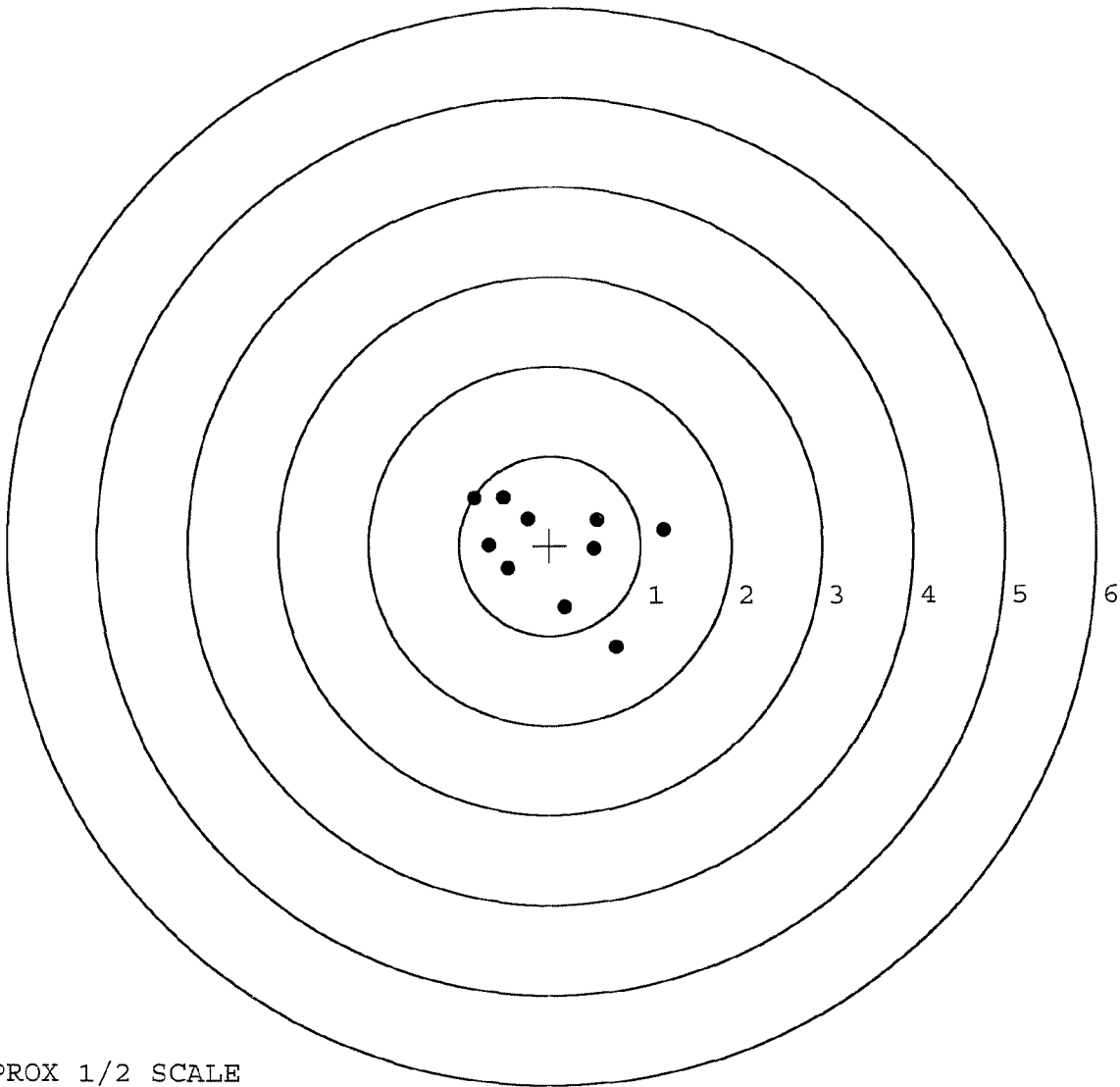
MEAN RADIUS: 0.776

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.735	-1.128
2:	0.166	-0.689
3:	0.490	-0.045
4:	0.516	0.286
5:	1.254	0.177
6:	-0.252	0.297
7:	-0.464	-0.256
8:	-0.670	-0.008
9:	-0.517	0.536
10:	-0.837	0.523

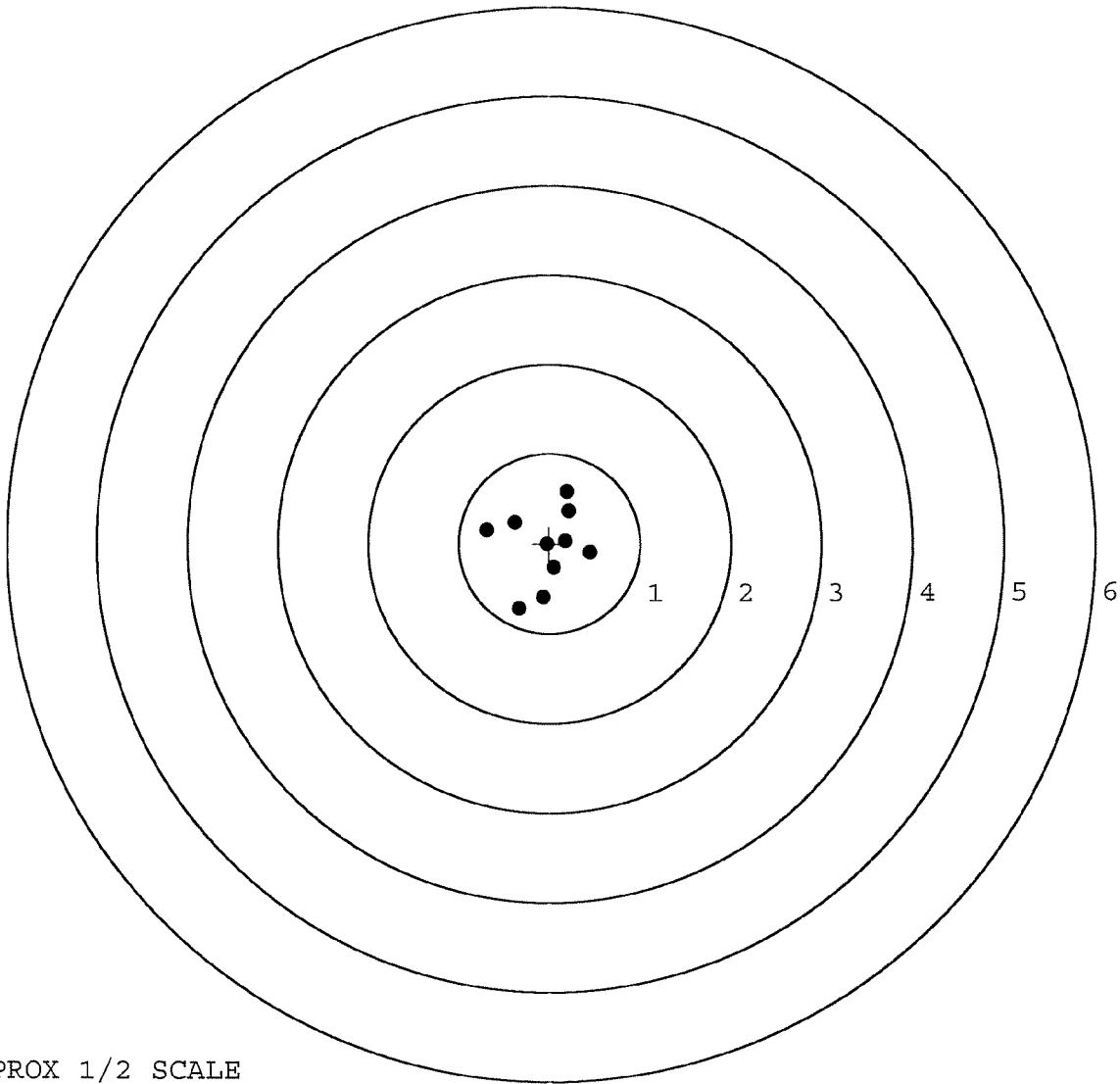


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611384. __0
 TARGET NUMBER: 5
 FILE DATE: 04/16/2002
 FILE TIME: 13:51

X CENTROID: -0.042
 Y CENTROID: -0.036
 POA TO CENTROID: 0.055
 HORZ SPREAD: 1.140
 VERT SPREAD: 1.312
 GROUP SPREAD: 1.416
 MIN RADIUS: 0.027
 MAX RADIUS: 0.756
 MEAN RADIUS: 0.457
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.068	-0.604
2:	-0.337	-0.732
3:	0.450	-0.106
4:	0.053	-0.269
5:	-0.029	-0.013
6:	0.175	0.029
7:	0.214	0.366
8:	0.195	0.580
9:	-0.384	0.235
10:	-0.690	0.153



TARGET APPROX 1/2 SCALE

4/10 P

BARBER - M24 0075965

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

R & E NUMBER 44302

SERIAL NUMBER C6611384

LOG-IN DATE 4/11/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4/2/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	4/3/02	BWT
B	DRILL AND TAP	4/3/02	BWT
C	POLISH		
575	ASSEMBLE	4/3/02	RH
600	PROOF	4-3-02	MAGNA-FLUX
605	CHECK HEADSPACE	4-3-02	INSPECTED
610	DIS-ASSEMBLE GUN	4-3-02	APR 3 2002
612	MAGNAFLUX		OPERATOR AC
615	ROLLMARK CALIBER	4/9/02	TLD
618	ROTO-BLAST	4/10/02	AD
620	APPLY COATINGS	4-11	DA
625 A	FINAL ASSEMBLY	4/12/02	DA
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-15-02	AC
655	FINAL INSPECT	4/18-02	DA
660	PACK	4/18-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0075965 76004

CFM

GUN SERIAL # C6611384

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	91	RW
600	Proof	1 2	91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun	1 25	91	RW
612	Magnaflux Barrel Action	1 2	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	GB
617	Drill and Tap Sight Holes	1 30	91	WB
618	Polish Barrel <i>RBB</i>	1 30	91	WB
620	Apply Coatings (Barrel Action)		2-10-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/91	JP

op. #	BARBER - M24 0075967 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4			2/16/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			2/16/91	WB
	H) Trigger Pull Test & Retainability						2/16/91	JH
	I) Firing Pin Indent	.021	.0205	.0205			2/16/91	WB
	J) Assemble Stock						2/16/91	RW
	K) Assemble Swivel Studs						2-25-91	A
	L) Attach Front and Rear Sight Assemblies						2/16/91	RW
	M) Iron Sight Alignment						2/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/91	RW
	O) Attach Scope to Rifle						2/16/91	RW
	P) Detach & Attach Scope 20 Times						2/16/91	RW
640	Gallery Target & Test						2-18-91	AC
	A) Time						2-18-91	AC
	B) Malfunctions						2-18-91	AC
	C) Pierced Primers						2-18-91	AC
	D) Optical Clarity of Scope						2-18-91	AC
645	Inspect for Live Ammo						2-18-91	AC
655	Final Inspection							
	A) Headspace						2-25-91	A
	B) Trigger Pull	2.32	2.41	2.49	2.29	2.41	2/21/91	JH
	C) Function						2-25-91	AC
660	Pack						3-19-91	N




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

MODEL 700™ H24	SERIAL NO. C6611384
	ORDER NO. 5716

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

20



5716 C6611384

UPC



0 47700 25716 7

SCENTRAIDAL DISTANCE CALCULATIONS

FOR FILE # 06611384

FOR FILE # 1991

SCENTRAIDAL DISTANCES

0 TO	1	.520312
1 TO	2	.649685
1 TO	3	.504464
1 TO	4	.428385
1 TO	5	.476568

-----POA

AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1426

AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0366

RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .147222

FOR THIS RIFLE IS: .996

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611384

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.938

VS= 1.869

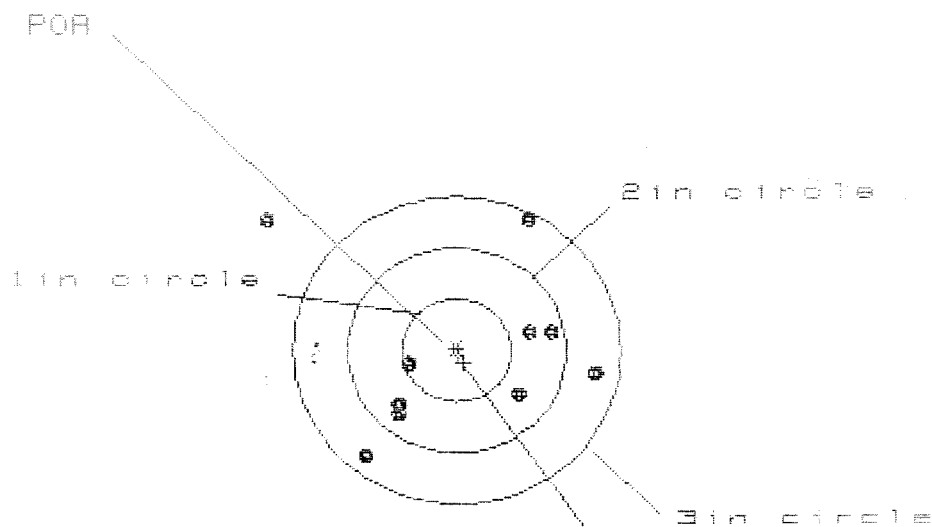
GS= 3.317

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.282	1.109	1.236
MINIMUM X	:	-1.556	-1.119	-1.993
MAXIMUM Y	:	1.134	1.052	.701
MINIMUM Y	:	-.735	-.705	-.574
CENTROID X	:	.044	.217	.090
CENTROID Y	:	-.203	-.121	-.252
POA TO CENTROID in.	:	.207	.248	.268
MIN RADIUS	:	.497	.324	.459
MEAN RADIUS	:	1.011	.915	.840
MAX RADIUS	:	1.721	1.459	1.267
HORIZONTAL SPREAD	:	2.838	2.228	2.228
VERTICAL SPREAD	:	1.869	1.757	1.275
EXTREME SPREAD	:	3.317	2.625	2.287
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611384

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.997

VS = 2.392

GS = 3.356

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.274	1.082	1.147
MINIMUM X	:	-1.723	-1.062	-.997
MAXIMUM Y	:	1.327	1.391	.516
MINIMUM Y	:	-1.065	-.918	-.744
CENTROID X	:	-.065	.127	.062
CENTROID Y	:	.122	-.025	-.199
POA TO CENTROID in.	:	.138	.129	.209
MIN RADIUS	:	.446	.459	.453
MEAN RADIUS	:	1.067	.908	.825
MAX RADIUS	:	2.175	1.484	1.244
HORIZONTAL SPREAD	:	2.997	2.144	2.144
VERTICAL SPREAD	:	2.392	2.309	1.260
EXTREME SPREAD	:	3.356	2.797	2.318
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611384

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.510

VS = 2.795

GS = 3.092

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.091	.933	.902
MINIMUM X	:	-1.419	-.810	-.850
MAXIMUM Y	:	1.576	1.441	1.002
MINIMUM Y	:	-1.219	-1.161	-.981
CENTROID X	:	.118	.276	.307
CENTROID Y	:	.015	.150	-.030
POA TO CENTROID in.	:	.119	.314	.309
MIN RADIUS	:	.274	.220	.119
MEAN RADIUS	:	.965	.846	.767
MAX RADIUS	:	1.870	1.490	1.332
HORIZONTAL SPREAD	:	2.510	1.751	1.751
VERTICAL SPREAD	:	2.795	2.602	1.983
EXTREME SPREAD	:	3.092	2.860	2.136
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06611384

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 0

HS = 3.269

VS = 2.384

GS = 3.530

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.727
MINIMUM X	-1.542
MAXIMUM Y	1.281
MINIMUM Y	-1.103
CENTROID X	.231
CENTROID Y	-.101
POA TO CENTROID in.	.252
MIN RADIUS	.223
MEAN RADIUS	.971
MAX RADIUS	1.825
HORIZONTAL SPREAD	3.269
VERTICAL SPREAD	2.384
EXTREME SPREAD	3.530
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	0

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

SERIAL NO. C6611384
DATE 2/16/91
TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.50	2.38	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.33	2.35	2.41	
PULL #3	2.40	2.28	2.30	2.49	
PULL #4	2.51	2.39	2.32	2.29	
PULL #5	2.47	2.35	2.32	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.27		
PULL #2	3.24	3.50		
PULL #3	3.17	3.52		
PULL #4	3.39	3.30		
PULL #5	3.46	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.30		4.46
PULL #2	4.25	4.38		4.47
PULL #3	4.32	4.28		4.41
PULL #4	4.42	4.35		4.36
PULL #5	4.46	4.32		4.48
TOTAL				
AVG.				