

G686 3583
Replaces
C661 1731

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: **RE00172749** Serial: C6611731 Model M24 SWS Center Fire Repairman: _____
Verify Repair: _____ Caliber: 7.62 NATO Produced: 03/18/1991 Status: Closed 8/10/2009 8:05:30 AM

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**
Address 1: **USPFG FOR ARKANSAS BLDG 0318** **USPFG FOR ARKANSAS BLDG 0318**
Address 2: **CAMP ROBINSON** PO Box: _____ **CAMP ROBINSON** PO Box: _____
City: **NORTH LITTLE ROCK** **NORTH LITTLE ROCK**
State: **AR** Zip Code: **72199** Country: **US** State: **AR** Zip Code: **72199** Country: **US**
FFL: _____

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: NN Fax: _____ Email: _____ Comments: _____	Received Condition Fat: _____ 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>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</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	A010	Hard Case	1	A017	Scope Base	1	A057	Fit and Rear Sgt Base	1		
Code	Desc	Qty																	
A007	With Stud	3																	
A010	Hard Case	1																	
A017	Scope Base	1																	
A057	Fit and Rear Sgt Base	1																	

Repair Search **Refresh** **Close**

8/17/2009 12:45 PM CAPS NUM INS SCPL

start 1 Microsoft... Amazon.co... 3 Memo... Arms Serv... Part Search... NEW GUN... Adobe Acr... 12:45 PM

G6863583
Serial Number: ~~C6611731~~
Model: M24 SWS
RE00172749

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

172749

SERIAL NUMBER

C6611731

G 6863583

LOG-IN DATE

870-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-1-09	RTZ
505	RE-BARREL	9-4-09	RTZ
420	ASSEMBLE	9-4-09	RTZ
440	PROOF	9-4-09	SPD
460	CHECK HEADSPACE	9-4-09	SPD
470	DIS-ASSEMBLE GUN	9-4-09	SPD
480	MAGNAFLUX	9/10/09	(D)
510	DRILL AND TAP	9-8-09	SP
500	ROLLMARK CALIBER	9/10/09	SP
520	GOFF BLAST BBL / REC	9/10/09	1/18
530 & 540	APPLY COATINGS	9/16	
560	FINAL ASSEMBLY	9-18-09	RTZ
640	FUNCTION TEST AND	9-18-09	SPD
650	TARGET	9-18-09	SPD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-18-09	RP
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.68 2.73 2.76 2.75 2.74	9/21/09 TC
680	F) SAFETY ON FORCE	2° 2° 2°	
	G) SAFETY OFF FORCE	4° 4° 4°	9/21/09 RB
	I) FIRING PIN INDENT	.023 .023 .023	
690	PACK	9/24/09	FM

F006 REV 1/2009

APD PE v1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863583.___0
FILE DATE AND TIME: 09/21/2009 08:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	0.101
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.724
The Distance from POA to Centroid Target #1:	0.243
The Distance from Centroid Target #2 to Centroid Target #1:	0.249
The Distance from Centroid Target #3 to Centroid Target #1:	0.336
The Distance from Centroid Target #4 to Centroid Target #1:	0.330
The Distance from Centroid Target #5 to Centroid Target #1:	0.265

SERIAL NUMBER: G6863583. 0

TARGET NUMBER: 1

FILE DATE: 09/21/2009

FILE TIME: 08:12

X CENTROID: 0.192

Y CENTROID: 0.149

POA TO CENTROID: 0.243

HORZ SPREAD: 1.915

VERT SPREAD: 2.121

GROUP SPREAD: 2.273

MIN RADIUS: 0.396

MAX RADIUS: 1.225

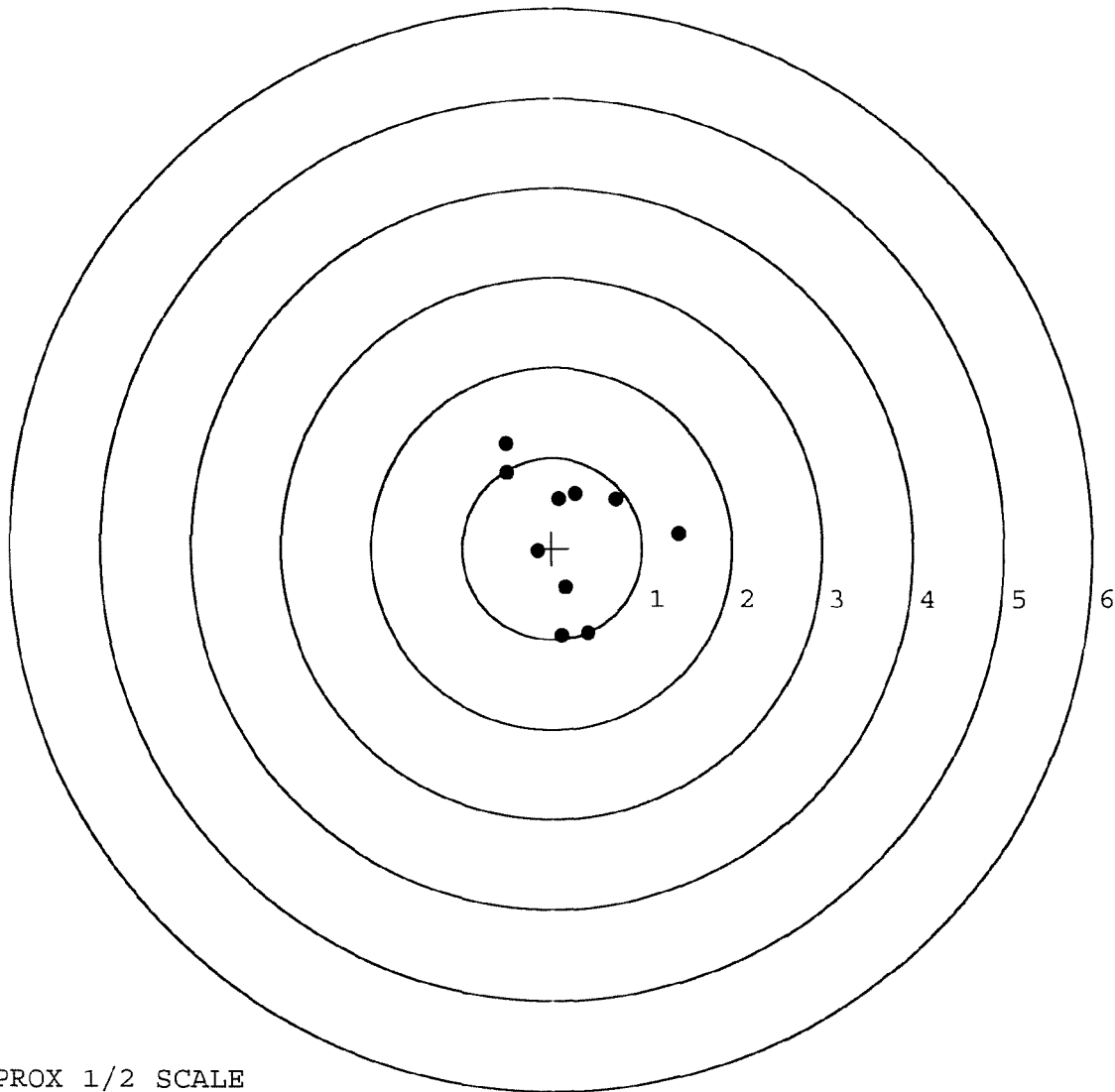
MEAN RADIUS: 0.814

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.509	1.154
2:	-0.506	0.842
3:	0.074	0.543
4:	0.710	0.541
5:	1.406	0.158
6:	0.394	-0.932
7:	0.105	-0.967
8:	0.148	-0.428
9:	-0.161	-0.029
10:	0.259	0.612



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863583. 0

TARGET NUMBER: 2

FILE DATE: 09/21/2009

FILE TIME: 08:12

X CENTROID: -0.057

Y CENTROID: 0.148

POA TO CENTROID: 0.159

HORZ SPREAD: 1.511

VERT SPREAD: 1.601

GROUP SPREAD: 1.916

MIN RADIUS: 0.240

MAX RADIUS: 1.127

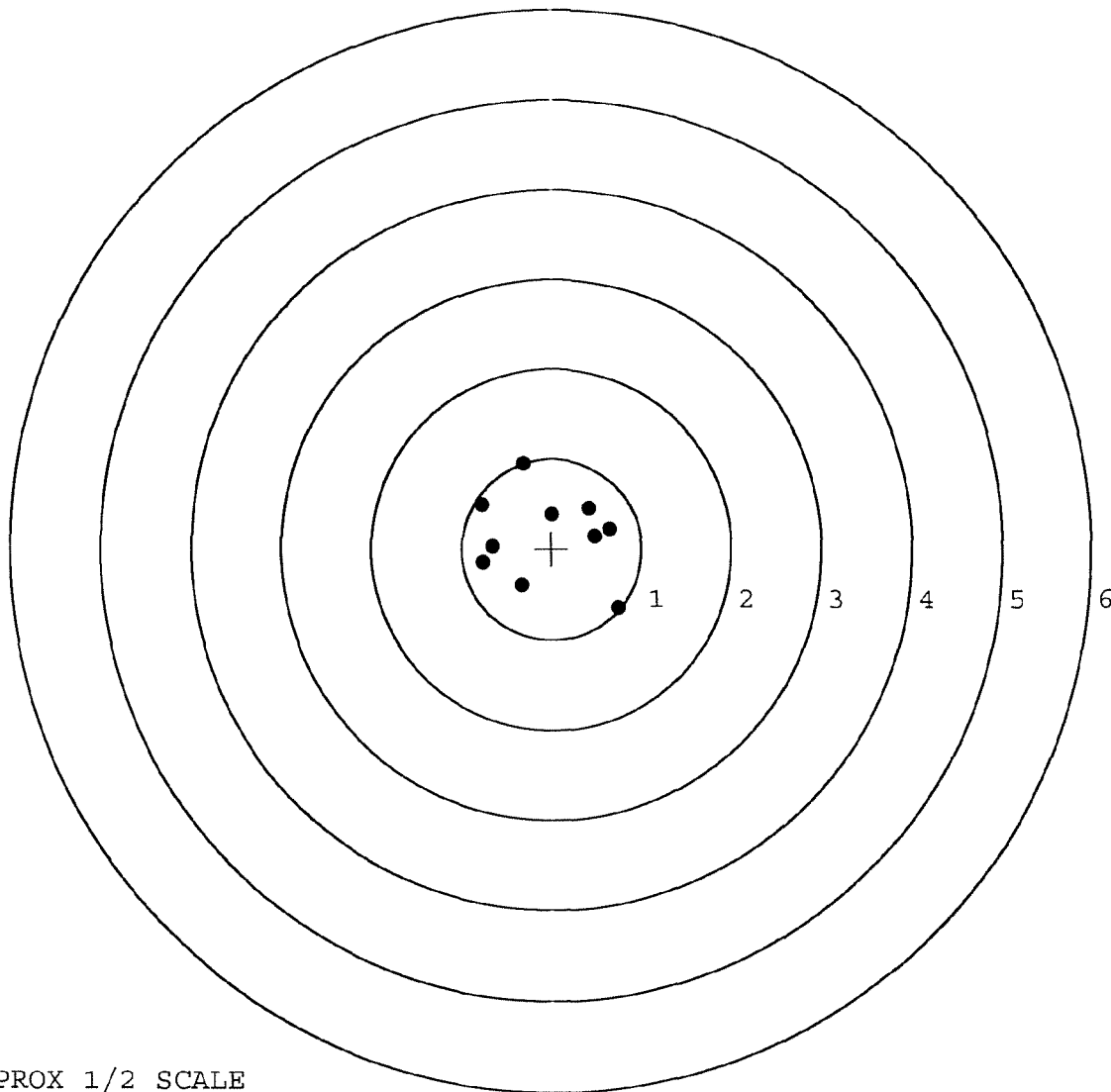
MEAN RADIUS: 0.680

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.737	-0.651
2:	-0.336	-0.400
3:	-0.315	0.950
4:	-0.774	0.496
5:	0.000	0.382
6:	0.419	0.460
7:	0.643	0.222
8:	0.475	0.142
9:	-0.654	0.031
10:	-0.763	-0.147



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863583. 0

TARGET NUMBER: 3

FILE DATE: 09/21/2009

FILE TIME: 08:12

X CENTROID: -0.101

Y CENTROID: -0.015

POA TO CENTROID: 0.102

HORZ SPREAD: 1.306

VERT SPREAD: 1.695

GROUP SPREAD: 1.697

MIN RADIUS: 0.188

MAX RADIUS: 1.090

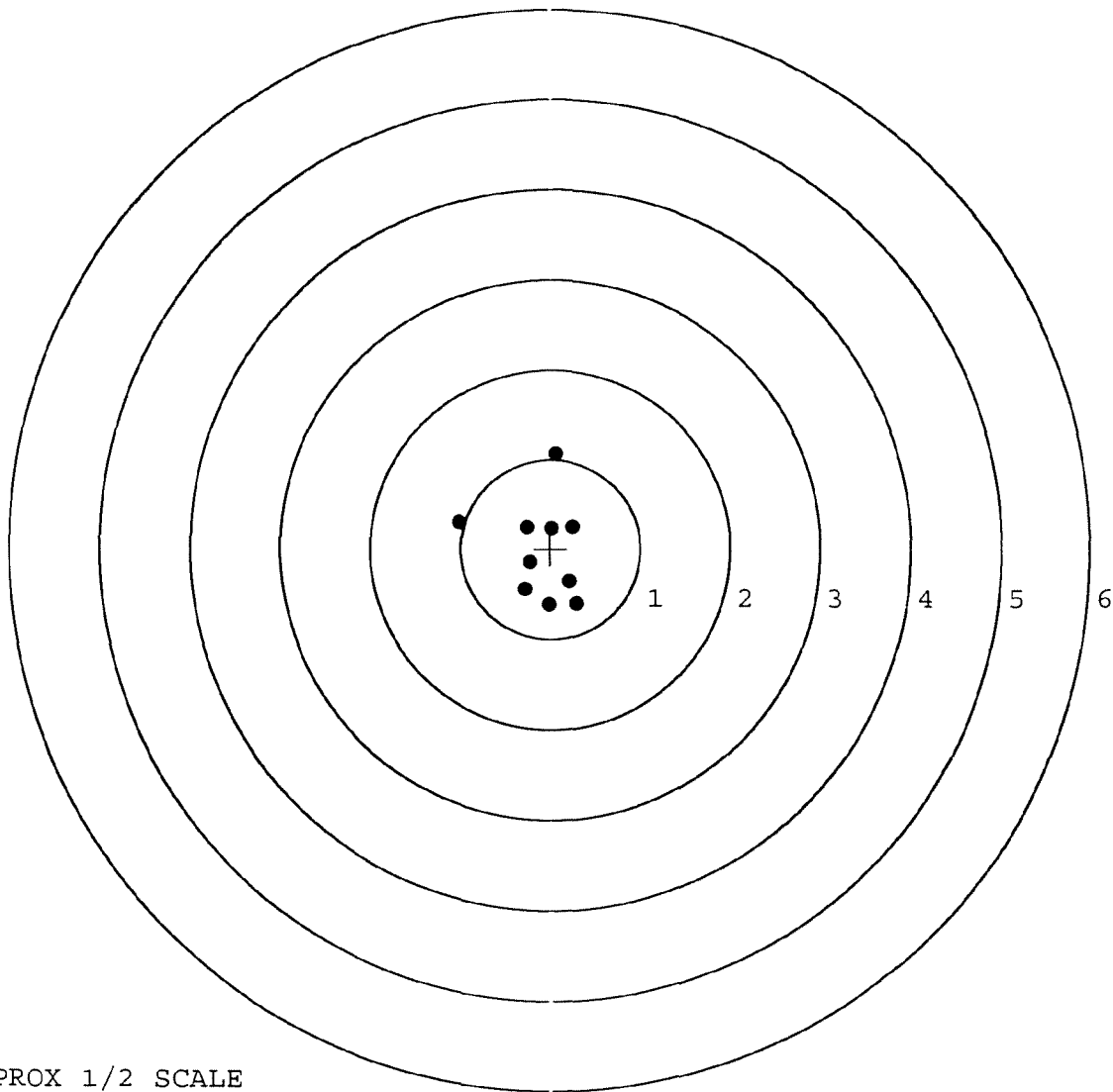
MEAN RADIUS: 0.556

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.066	1.062
2:	-1.019	0.297
3:	-0.272	0.241
4:	0.015	0.233
5:	0.246	0.247
6:	-0.231	-0.151
7:	-0.026	-0.633
8:	0.287	-0.616
9:	0.212	-0.371
10:	-0.288	-0.458



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863583. 0

TARGET NUMBER: 4

FILE DATE: 09/21/2009

FILE TIME: 08:12

X CENTROID: -0.138

Y CENTROID: 0.147

POA TO CENTROID: 0.201

HORZ SPREAD: 2.305

VERT SPREAD: 1.799

GROUP SPREAD: 2.348

MIN RADIUS: 0.137

MAX RADIUS: 1.478

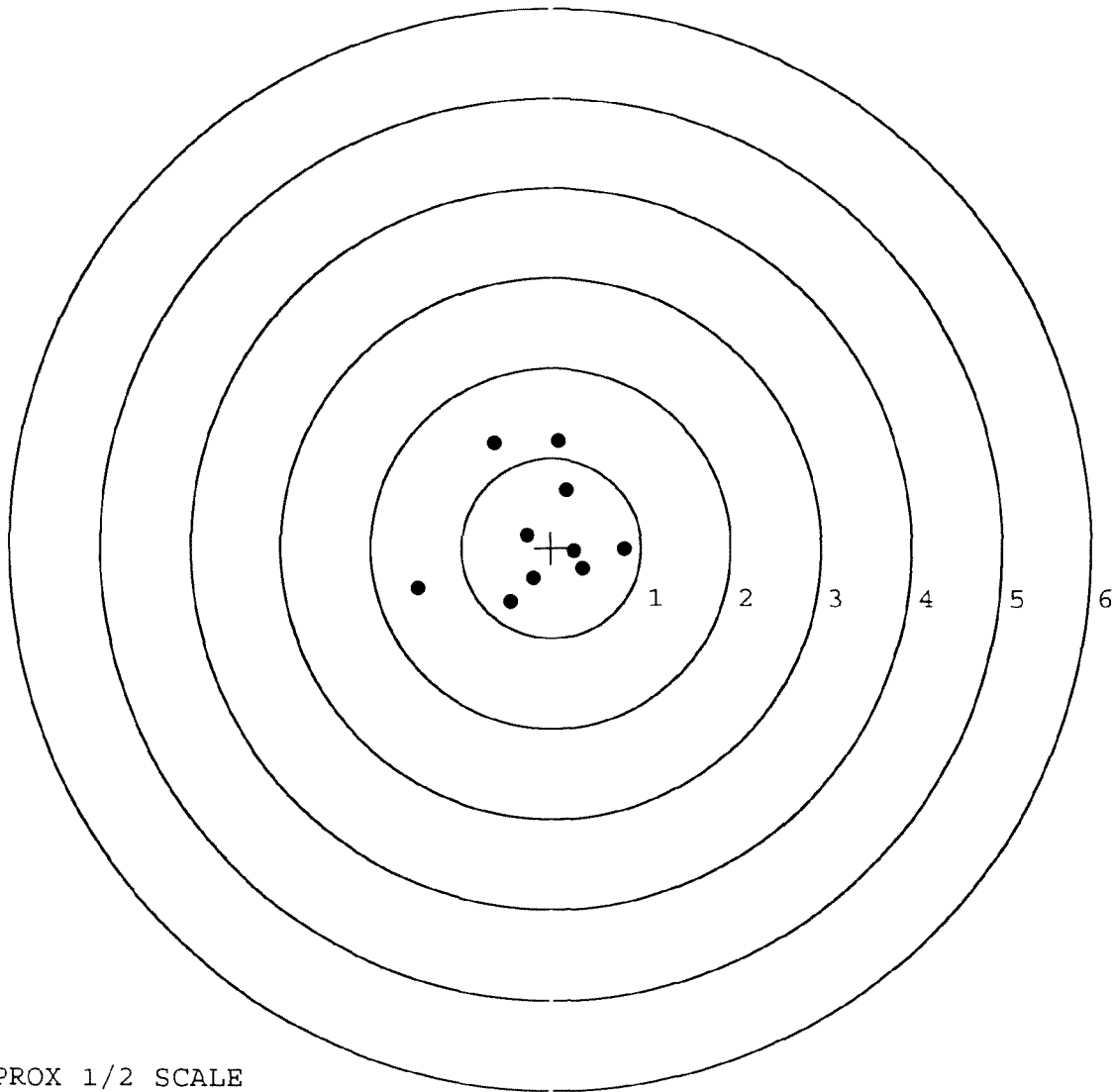
MEAN RADIUS: 0.773

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.486	-0.458
2:	-0.629	1.170
3:	0.082	1.193
4:	0.167	0.643
5:	0.819	-0.010
6:	0.350	-0.228
7:	0.255	-0.034
8:	-0.275	0.140
9:	-0.203	-0.341
10:	-0.459	-0.606

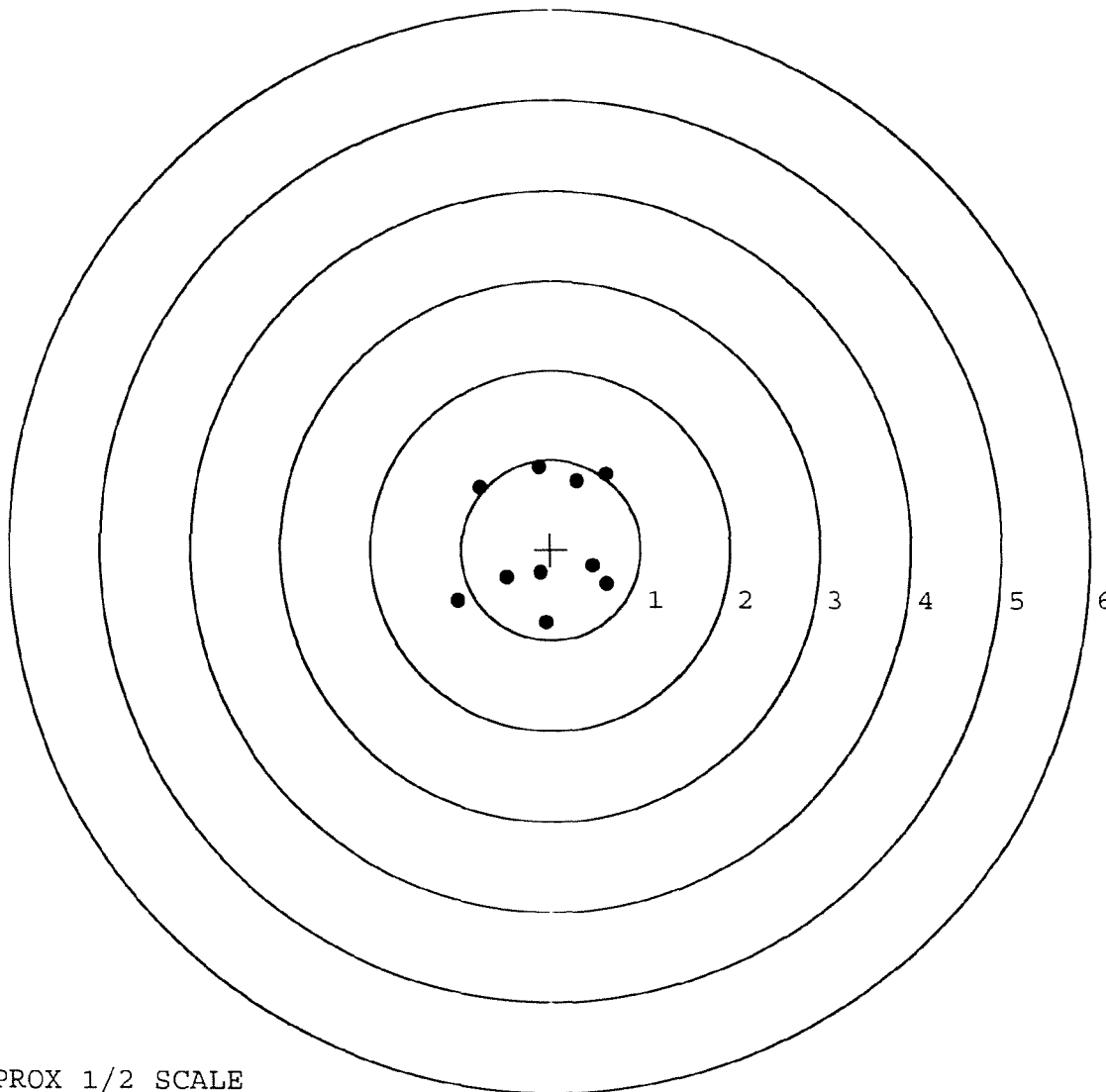


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863583. __0
 TARGET NUMBER: 5
 FILE DATE: 09/21/2009
 FILE TIME: 08:12

X CENTROID: -0.062
 Y CENTROID: 0.073
 POA TO CENTROID: 0.095
 HORZ SPREAD: 1.656
 VERT SPREAD: 1.725
 GROUP SPREAD: 2.175
 MIN RADIUS: 0.334
 MAX RADIUS: 1.166
 MEAN RADIUS: 0.798
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.789	0.699
2:	-0.136	0.914
3:	0.292	0.772
4:	0.620	0.843
5:	0.471	-0.177
6:	0.622	-0.378
7:	-0.059	-0.811
8:	-0.114	-0.257
9:	-0.489	-0.307
10:	-1.034	-0.570



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: RE00109514

Serial: C6611731 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 3/7/2006 9:49:10 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USFPO FOR ARKANSAS BLDG 318

USFPO FOR ARKANSAS BLDG 318

Address 2: CAMP JOSEPH T ROBINSON

PO Box:

CAMP JOSEPH T ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglel

3/7/2006

9:59 AM

CAPS

NUM

INS

SCRL

start

3 Micr...

Part Se...

Arms Se...

3 Micr...

4 Inte...

Adobe ...

9:59 AM

C6611731

Model: M24 SWS



RE00109514

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

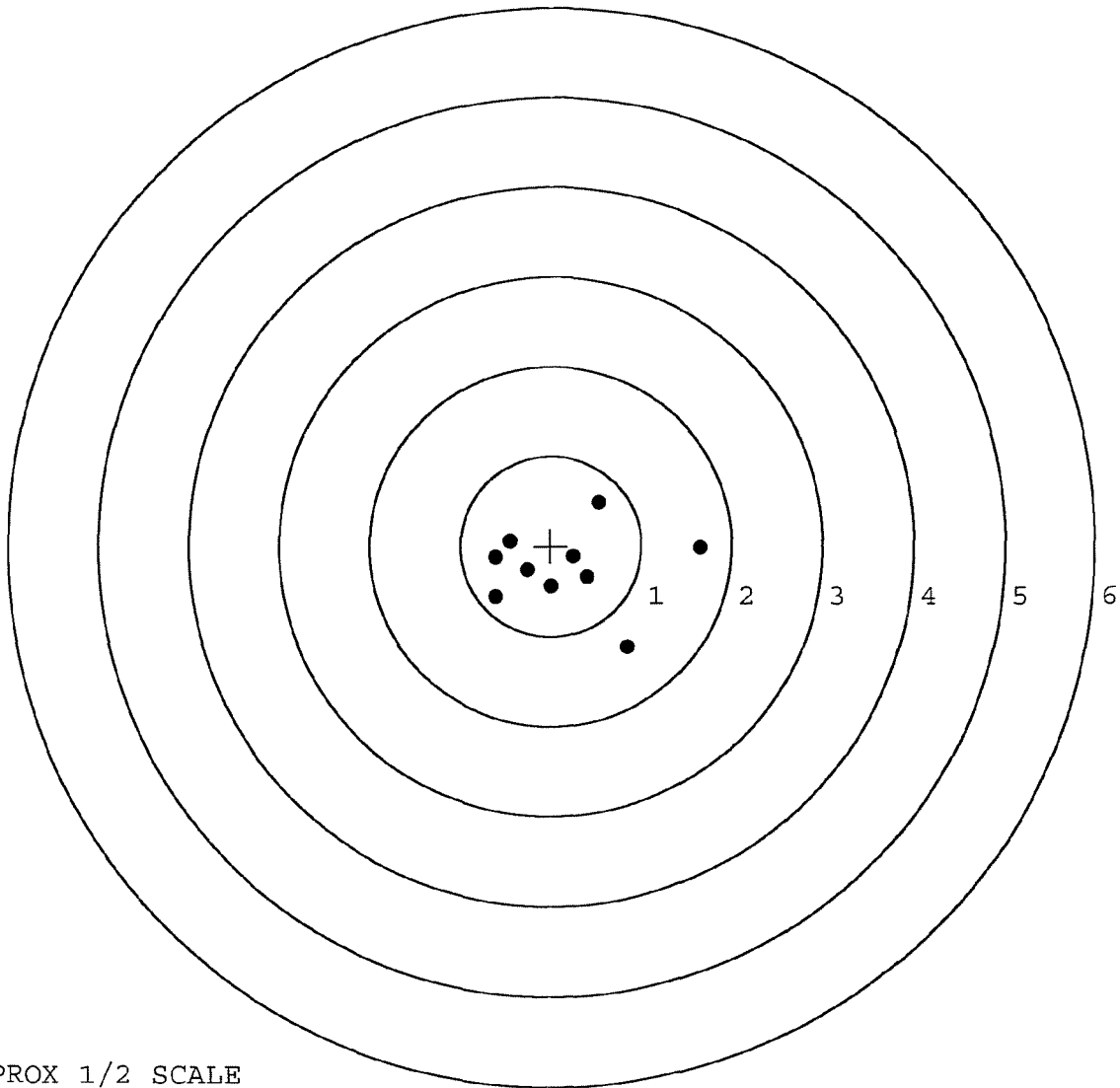
FIREARM SERIAL NUMBER / DATASET NAME: C6611731.__1
FILE DATE AND TIME: 03/27/2006 16:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.049
The Average Y Centroid of the Five Target Set:	0.024
The Average Point of Impact of the Five Target Set:	0.055
The Average Mean Radius of the Five Target Set:	0.681
The Distance from POA to Centroid Target #1:	0.305
The Distance from Centroid Target #2 to Centroid Target #1:	0.447
The Distance from Centroid Target #3 to Centroid Target #1:	0.363
The Distance from Centroid Target #4 to Centroid Target #1:	0.424
The Distance from Centroid Target #5 to Centroid Target #1:	0.276

SERIAL NUMBER: C6611731. __1
 TARGET NUMBER: 1
 FILE DATE: 03/27/2006
 FILE TIME: 16:56

	POINT#	X	Y
	1:	0.251	-0.118
	2:	0.402	-0.346
	3:	0.002	-0.450
	4:	-0.453	0.055
X CENTROID:	5:	-0.612	-0.130
Y CENTROID:	6:	-0.263	-0.273
POA TO CENTROID:	7:	-0.607	-0.564
HORZ SPREAD:	8:	0.530	0.484
VERT SPREAD:	9:	1.659	-0.023
GROUP SPREAD:	10:	0.851	-1.124
MIN RADIUS:		0.151	
MAX RADIUS:		1.500	
MEAN RADIUS:		0.686	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		9	

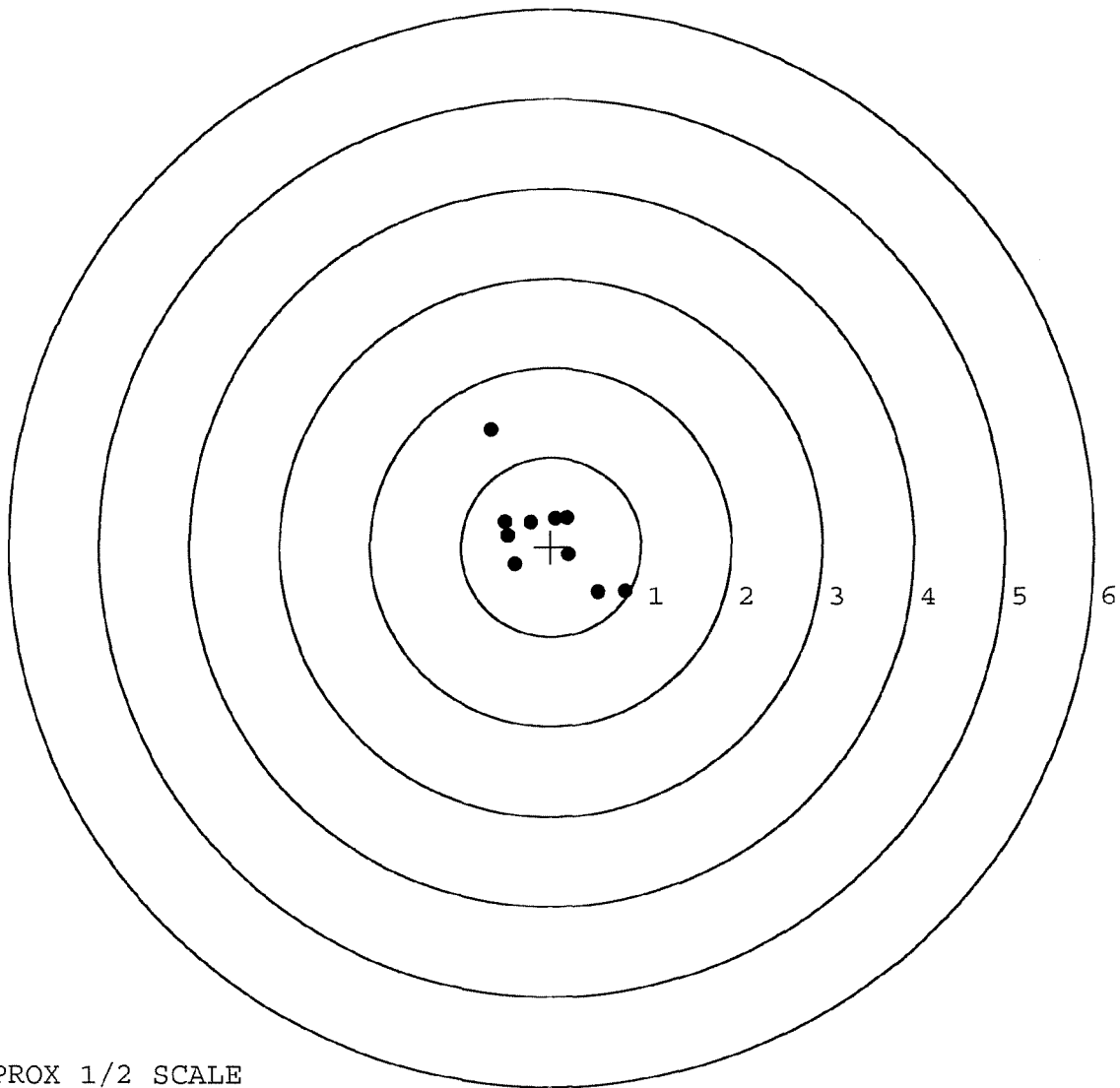


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611731. __1
 TARGET NUMBER: 2
 FILE DATE: 03/27/2006
 FILE TIME: 16:56

POINT#	X	Y
1:	-0.406	-0.195
2:	-0.486	0.130
3:	-0.520	0.285
4:	-0.233	0.275
5:	0.052	0.317
6:	0.179	0.323
7:	0.199	-0.093
8:	0.524	-0.502
9:	0.824	-0.499
10:	-0.672	1.308

X CENTROID: -0.054
 Y CENTROID: 0.135
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.496
 VERT SPREAD: 1.810
 GROUP SPREAD: 2.346
 MIN RADIUS: 0.211
 MAX RADIUS: 1.326
 MEAN RADIUS: 0.575
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611731. 1

TARGET NUMBER: 3

FILE DATE: 03/27/2006

FILE TIME: 16:56

POINT#	X	Y
1:	-0.199	-0.171
2:	0.020	-0.205
3:	0.000	-0.427
4:	0.041	-0.992
5:	0.463	-0.496
6:	0.914	-0.557
7:	1.526	0.191
8:	-0.393	0.728
9:	-1.108	0.820
10:	-0.841	1.996

X CENTROID: 0.042

Y CENTROID: 0.089

POA TO CENTROID: 0.098

HORZ SPREAD: 2.634

VERT SPREAD: 2.988

GROUP SPREAD: 3.115

MIN RADIUS: 0.295

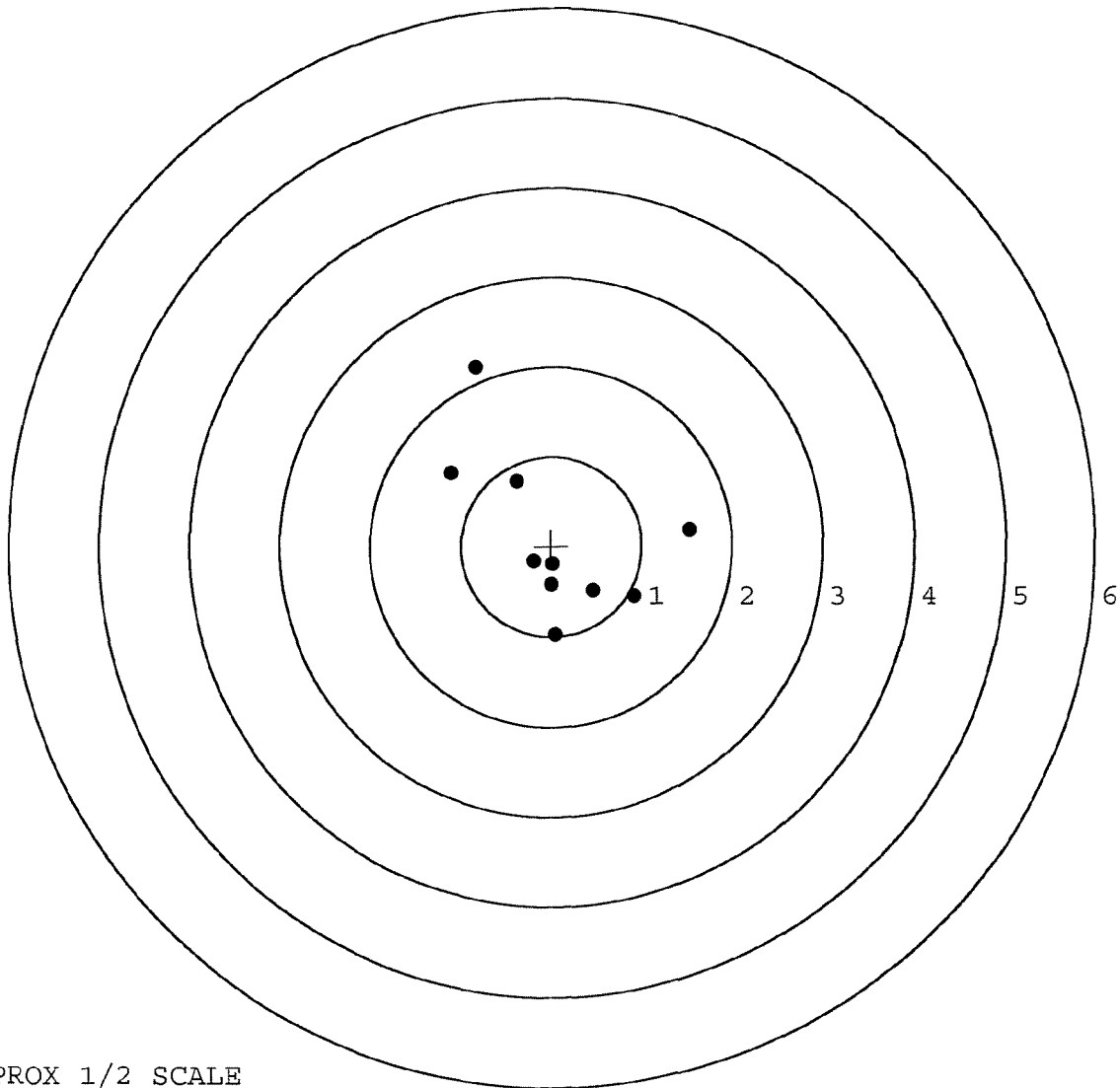
MAX RADIUS: 2.102

MEAN RADIUS: 0.978

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

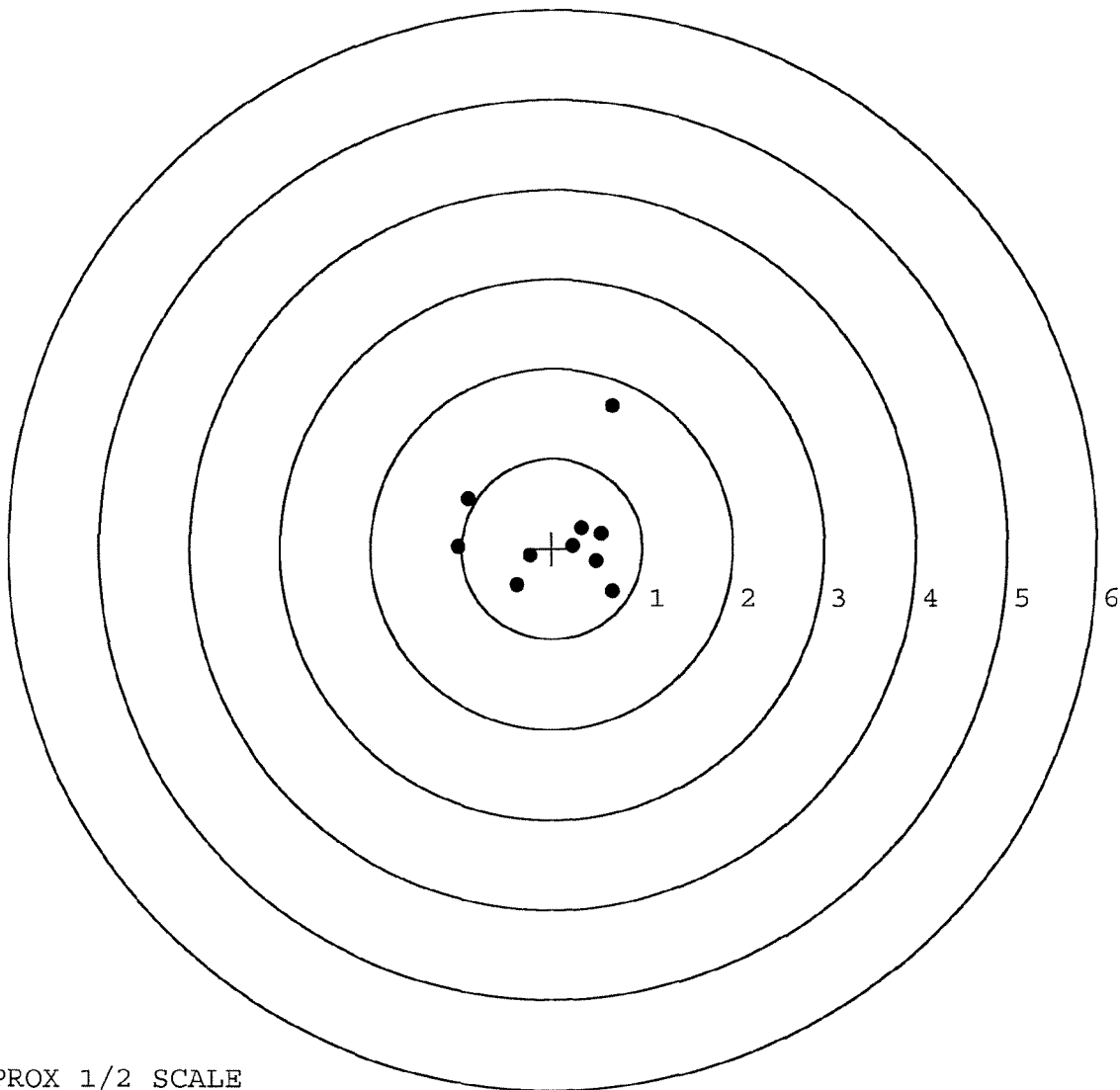
SERIAL NUMBER: C6611731. 1

TARGET NUMBER: 4

FILE DATE: 03/27/2006

FILE TIME: 16:56

	POINT#	X	Y
	1:	-0.242	-0.079
	2:	-0.392	-0.402
	3:	-1.035	0.025
	4:	-0.927	0.557
X CENTROID:	5:	0.665	1.584
Y CENTROID:	6:	0.543	0.168
POA TO CENTROID:	7:	0.321	0.237
HORZ SPREAD:	8:	0.229	0.028
VERT SPREAD:	9:	0.489	-0.139
GROUP SPREAD:	10:	0.671	-0.477
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611731. __1

TARGET NUMBER: 5

FILE DATE: 03/27/2006

FILE TIME: 16:56

X CENTROID: 0.050

Y CENTROID: -0.003

POA TO CENTROID: 0.050

HORZ SPREAD: 1.436

VERT SPREAD: 0.935

GROUP SPREAD: 1.474

MIN RADIUS: 0.026

MAX RADIUS: 0.958

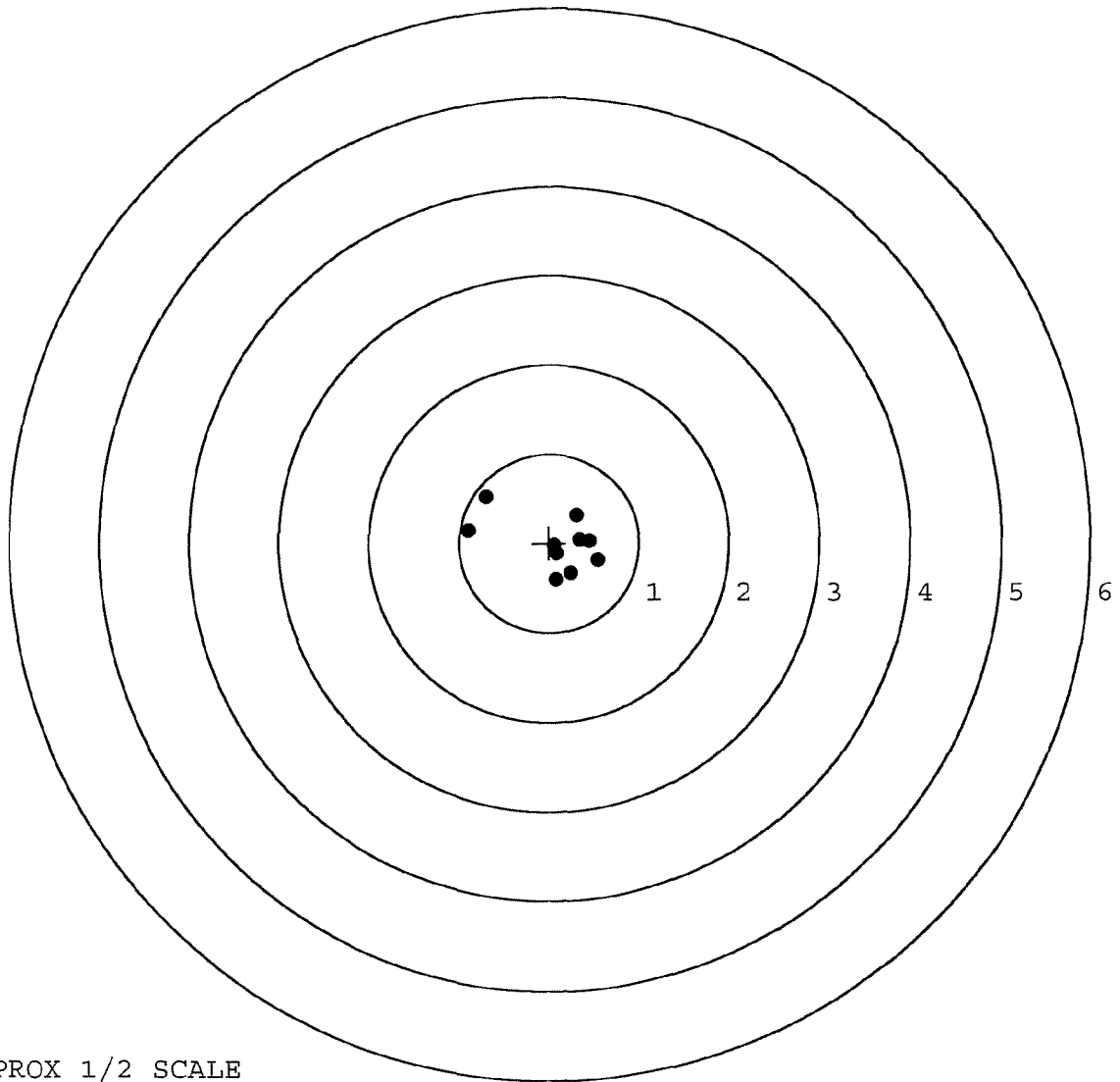
MEAN RADIUS: 0.446

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.304	0.320
2:	0.453	0.030
3:	0.540	-0.189
4:	0.244	-0.336
5:	0.079	-0.414
6:	0.083	-0.122
7:	0.054	-0.029
8:	0.342	0.041
9:	-0.703	0.521
10:	-0.896	0.145



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	109514		
SERIAL NUMBER	C661731		
LOG-IN DATE	3-7-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-8-06	RTZ
560 A	RE-BARREL	3-8-06	RTZ
B	DRILL AND TAP	3-17-06	TRW
575	ASSEMBLE	3-8-06	RTZ
600	PROOF MAGNA-FLUX	3-15-06	WJH
605	CHECK HEADSPACE	3-15-06	WJH
610	DIS-ASSEMBLE GUN	3-17-06	RTZ
612	MAGNAFLUX	3-20-06	APD
615	ROLLMARK CALIBER	3-20-06	CW
618	ROTO-BLAST	3-20-06	CB
620	APPLY COATINGS	3/21/06	RB
625 A	FINAL ASSEMBLY	3-27-06	RTZ
B	TRIGGER PULL TEST	N/A	AC
C	SAFETY "ON" FORCE	3-28-06	AC
D	SAFETY "OFF" FORCE	3-28-06	AC
E	FIRING PIN INDENT	3-28-06	AC
640	TARGET	3-27-06	R.P.D.
655	FINAL INSPECT	3-28-06	AC
660	PACK	4-6-06	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Repair Inquiry

Repair Number: RE00068100

Serial: C6611731 Model 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 7/28/2003 11:16:44 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: USPFO FOR ARK

USPFO FOR ARK

Address 1: CAMP J T ROBINSON

CAMP J T ROBINSON

Address 2: PO Box:

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR Zip Code: 72119

Country: US

State: AR Zip Code: 72119

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
C000	FRONT AND REAR B.	1

Repair Search

Refresh

Close

naglelj

7/28/2003

12:47 PM

CAPS

NUM

INS

SCRL

start

5 Mar

4 Mar

Arms Se...

My Edit...

Mailfuct...

2 Mar

Part Sec...

12:47 PM

Serial Number: C661 1731

Model: 700



RE00068100

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611731.___0
FILE DATE AND TIME: 08/22/2003 08:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.019
The Average Y Centroid of the Five Target Set:	0.171
The Average Point of Impact of the Five Target Set:	0.172
The Average Mean Radius of the Five Target Set:	0.788
The Distance from POA to Centroid Target #1:	0.220
The Distance from Centroid Target #2 to Centroid Target #1:	0.174
The Distance from Centroid Target #3 to Centroid Target #1:	0.084
The Distance from Centroid Target #4 to Centroid Target #1:	0.139
The Distance from Centroid Target #5 to Centroid Target #1:	0.370

SERIAL NUMBER: C6611731. __0

TARGET NUMBER: 1

FILE DATE: 08/22/2003

FILE TIME: 08:05

X CENTROID: -0.139

Y CENTROID: 0.171

POA TO CENTROID: 0.220

HORZ SPREAD: 2.082

VERT SPREAD: 1.691

GROUP SPREAD: 2.101

MIN RADIUS: 0.382

MAX RADIUS: 1.294

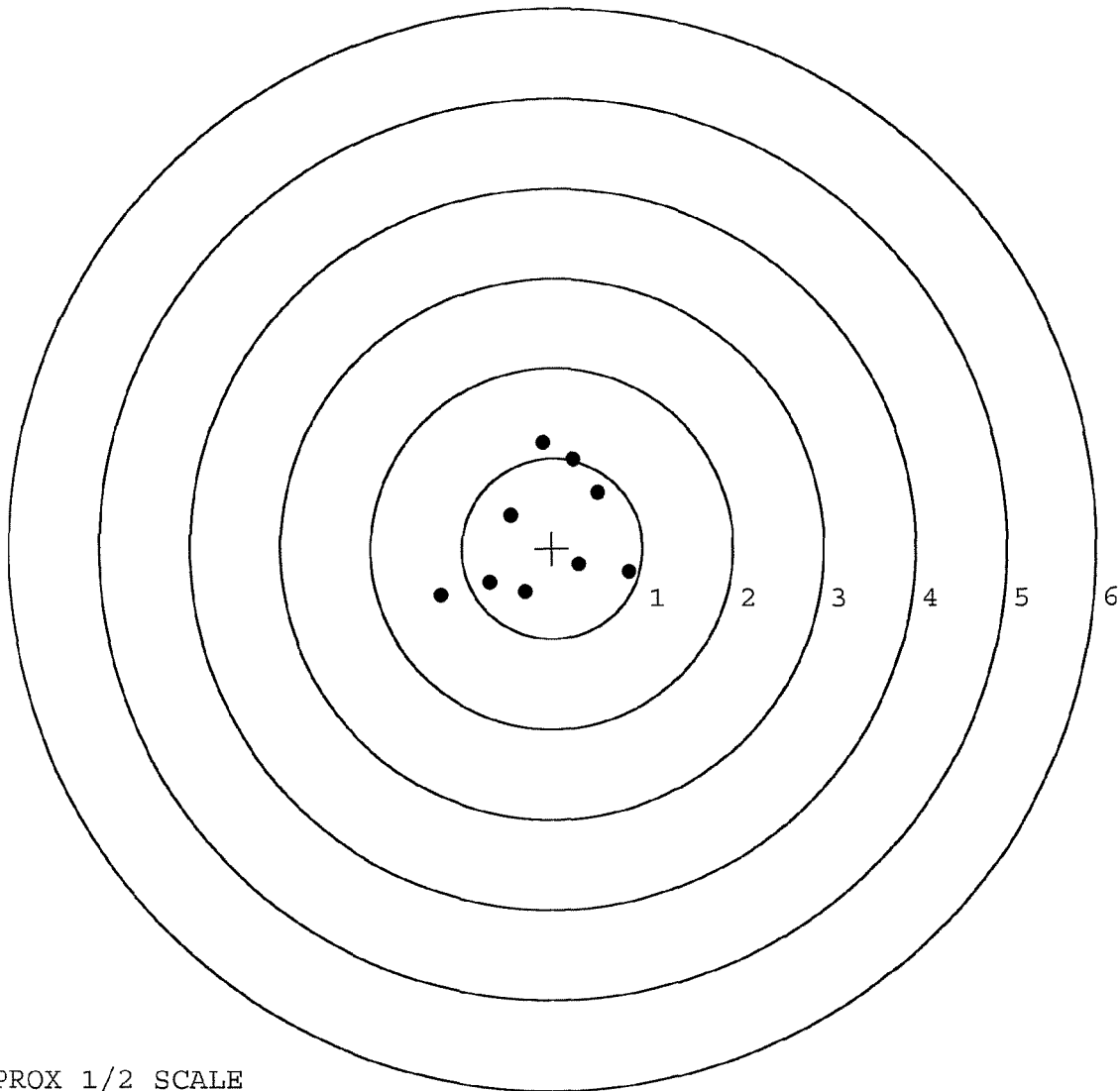
MEAN RADIUS: 0.783

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.463	0.377
2:	-1.233	-0.520
3:	-0.689	-0.377
4:	-0.303	-0.486
5:	0.295	-0.174
6:	0.849	-0.261
7:	-0.105	1.171
8:	0.227	0.991
9:	-0.466	0.367
10:	0.502	0.622



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611731. 0

TARGET NUMBER: 2

FILE DATE: 08/22/2003

FILE TIME: 08:05

X CENTROID: 0.035

Y CENTROID: 0.171

POA TO CENTROID: 0.175

HORZ SPREAD: 1.157

VERT SPREAD: 1.982

GROUP SPREAD: 2.040

MIN RADIUS: 0.324

MAX RADIUS: 1.168

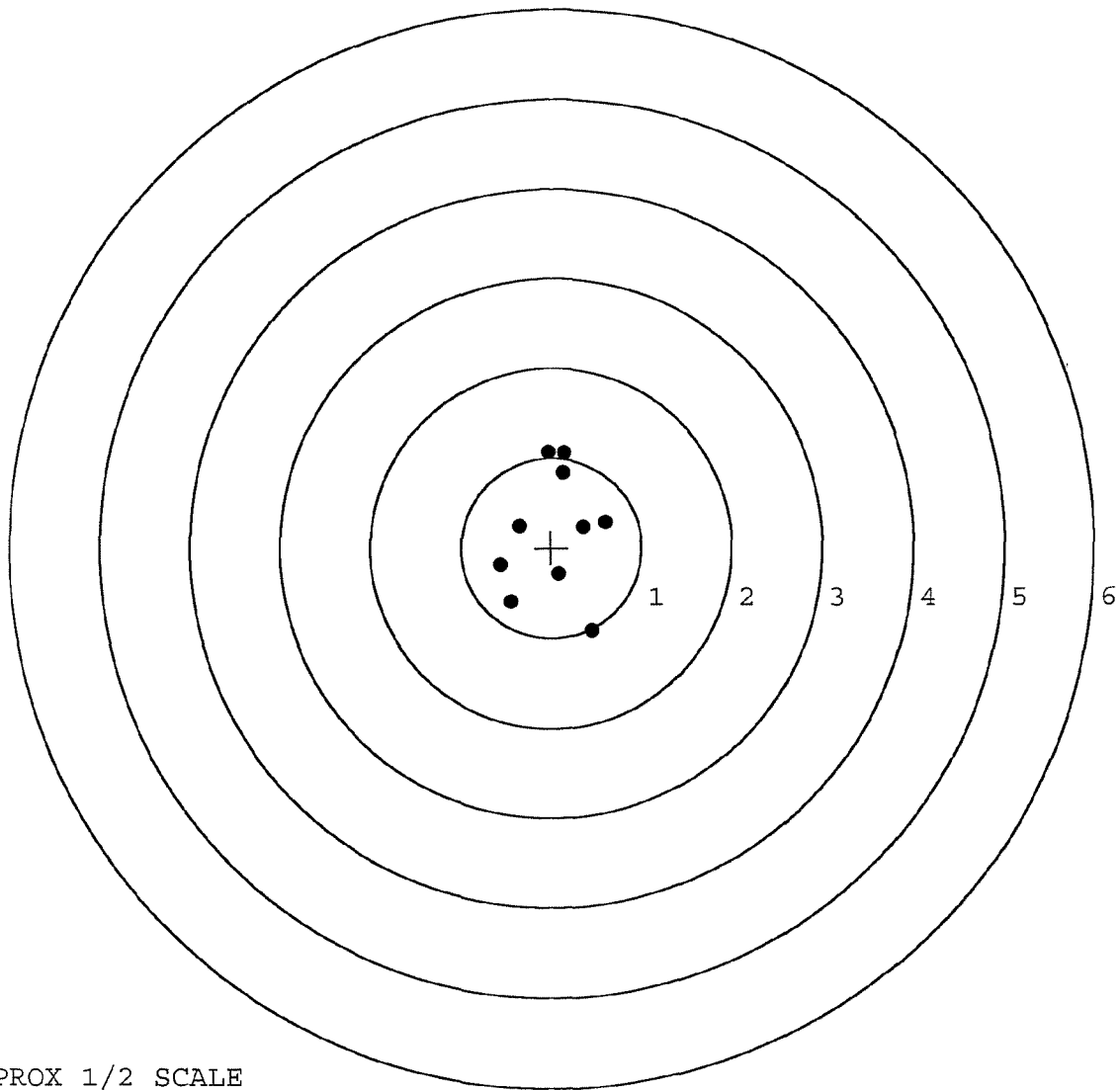
MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.597	0.293
2:	0.353	0.237
3:	-0.356	0.243
4:	-0.453	-0.605
5:	0.084	-0.297
6:	0.450	-0.920
7:	0.144	1.058
8:	0.128	0.836
9:	-0.035	1.062
10:	-0.560	-0.193



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611731. 0

TARGET NUMBER: 3

FILE DATE: 08/22/2003

FILE TIME: 08:05

X CENTROID: -0.219

Y CENTROID: 0.196

POA TO CENTROID: 0.294

HORZ SPREAD: 1.965

VERT SPREAD: 1.493

GROUP SPREAD: 2.164

MIN RADIUS: 0.233

MAX RADIUS: 1.249

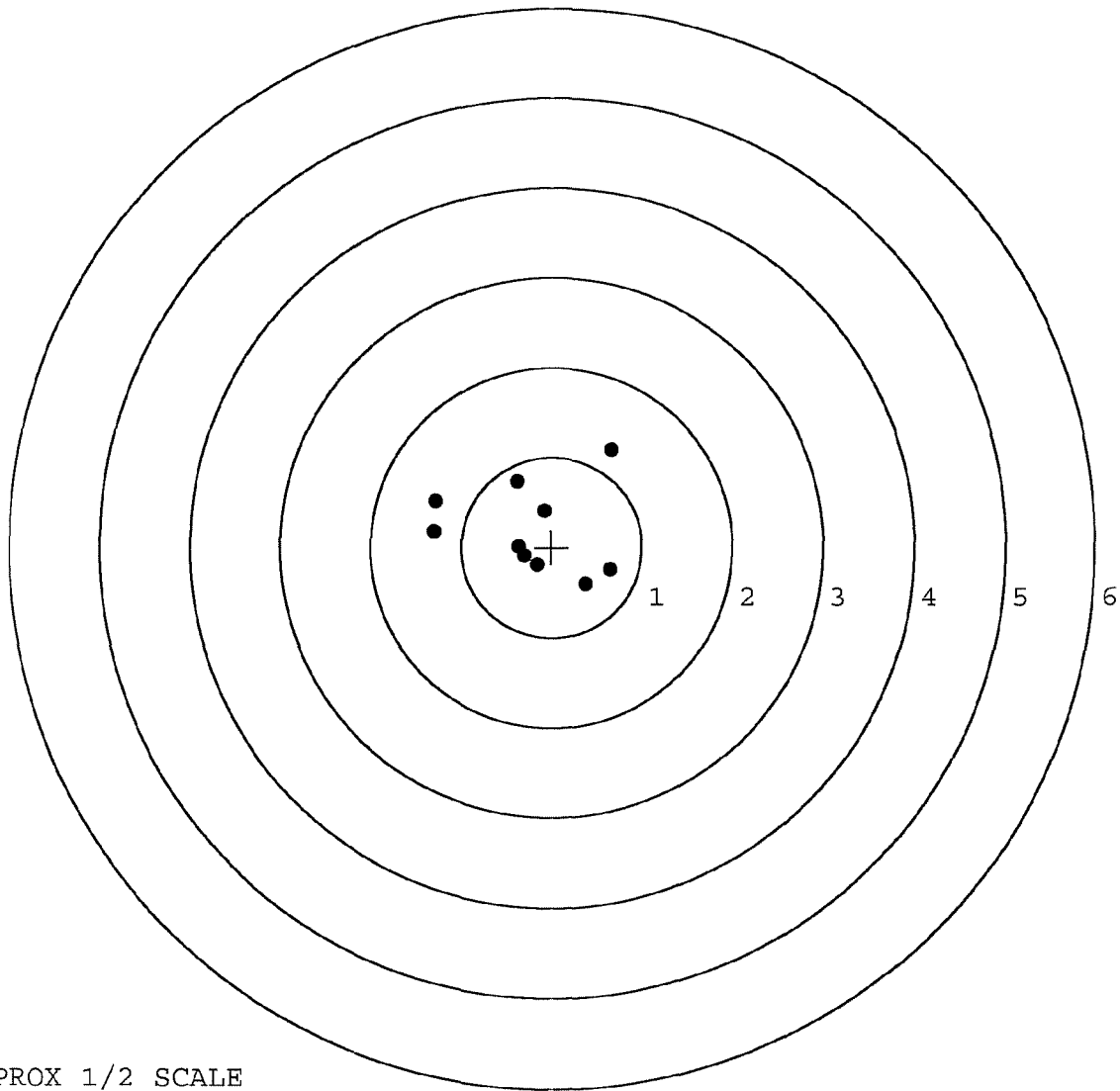
MEAN RADIUS: 0.700

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.662	1.082
2:	-0.381	0.728
3:	-0.084	0.403
4:	-0.362	0.012
5:	-0.165	-0.194
6:	0.376	-0.411
7:	0.651	-0.247
8:	-1.281	0.513
9:	-1.303	0.176
10:	-0.304	-0.098



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611731. 0

TARGET NUMBER: 4

FILE DATE: 08/22/2003

FILE TIME: 08:05

POINT#	X	Y
1:	-0.163	1.359
2:	-0.591	1.243
3:	-0.586	0.102
4:	-0.614	-0.495
5:	-0.107	-0.782
6:	0.002	-1.018
7:	0.511	-0.612
8:	0.757	0.676
9:	0.637	0.500
10:	0.153	0.745

X CENTROID: 0.000

Y CENTROID: 0.172

POA TO CENTROID: 0.172

HORZ SPREAD: 1.371

VERT SPREAD: 2.377

GROUP SPREAD: 2.337

MIN RADIUS: 0.590

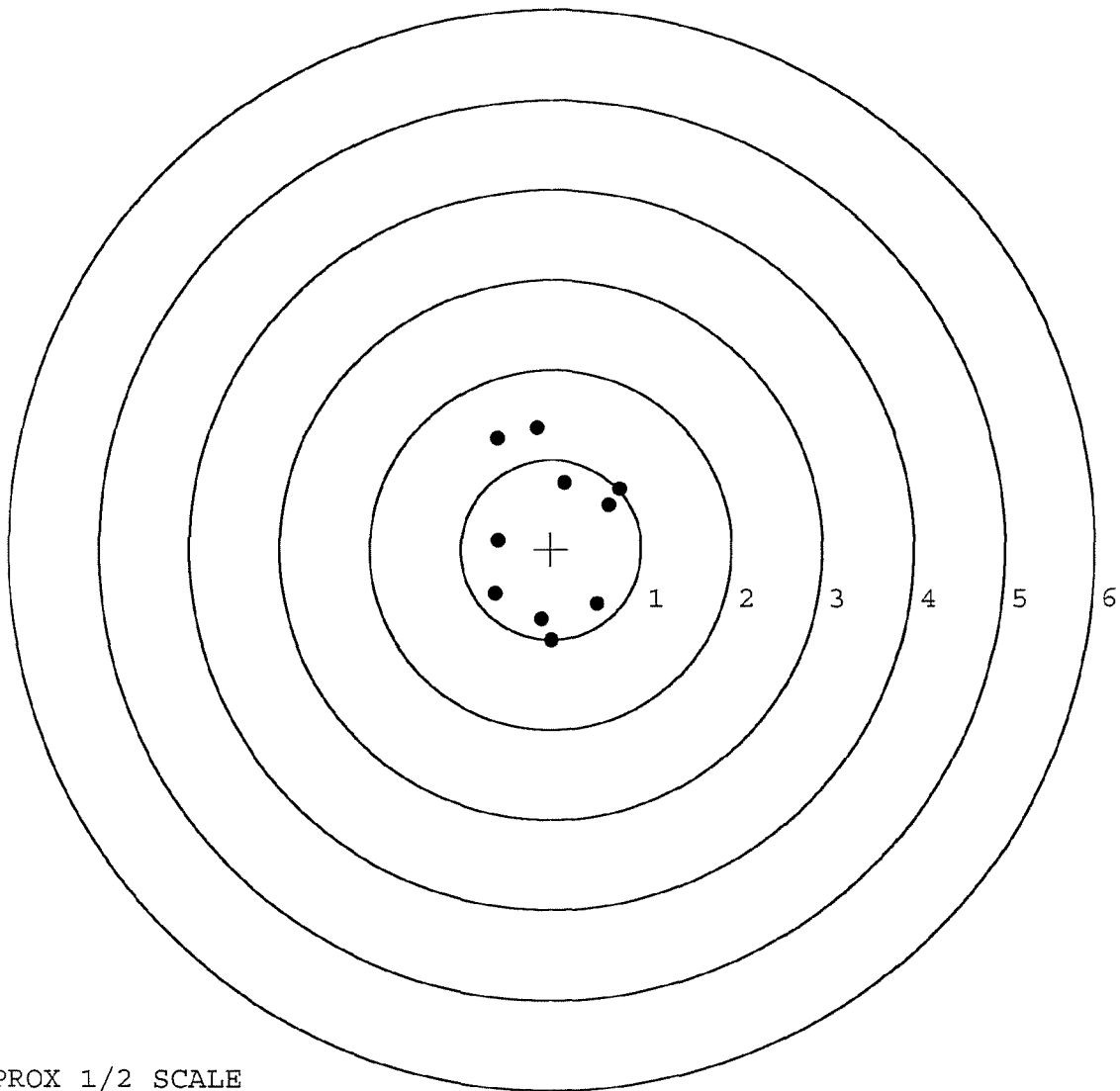
MAX RADIUS: 1.223

MEAN RADIUS: 0.922

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611731. __0

TARGET NUMBER: 5

FILE DATE: 08/22/2003

FILE TIME: 08:05

X CENTROID: 0.230

Y CENTROID: 0.145

POA TO CENTROID: 0.272

HORZ SPREAD: 3.707

VERT SPREAD: 1.679

GROUP SPREAD: 3.713

MIN RADIUS: 0.107

MAX RADIUS: 2.040

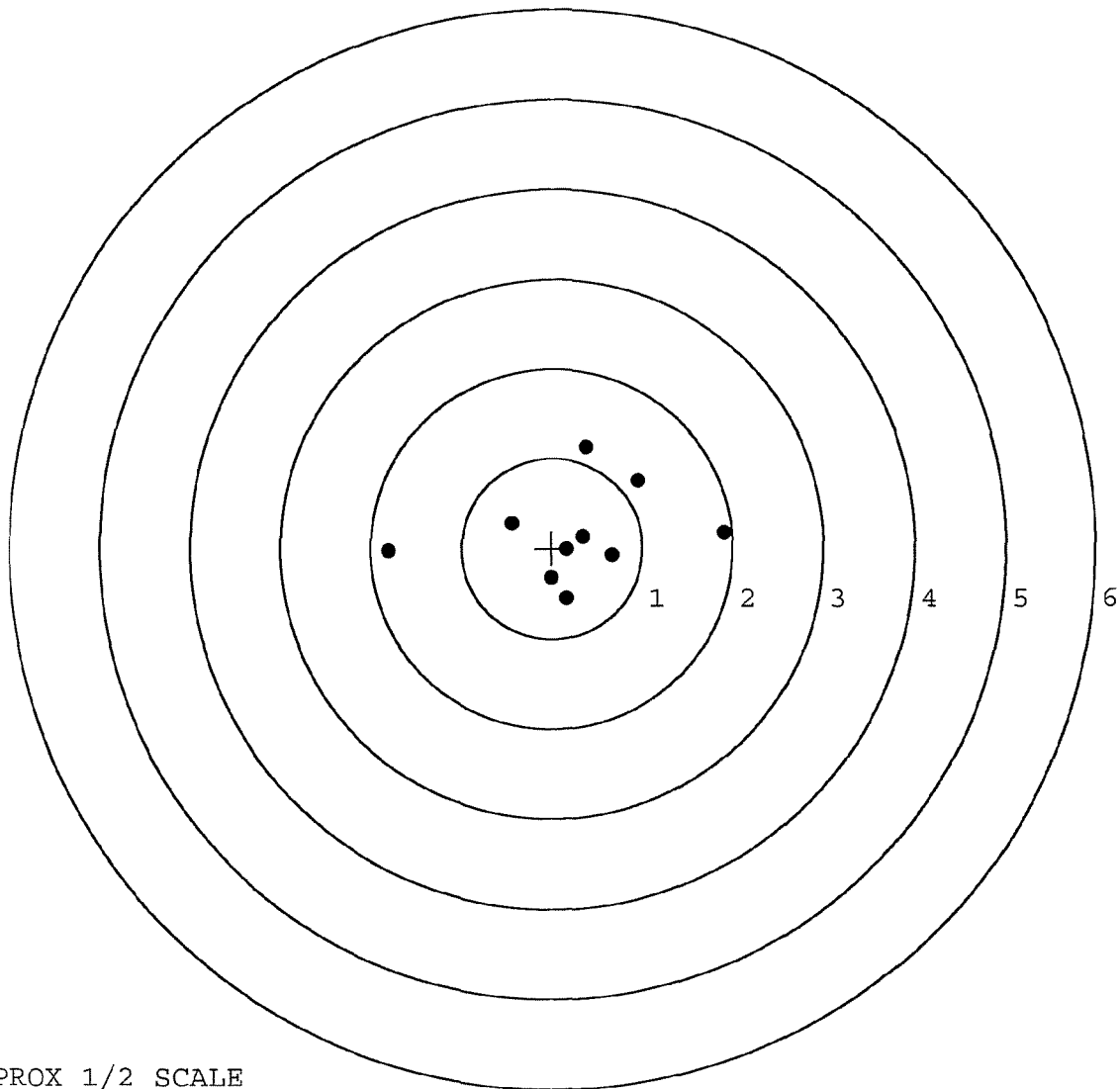
MEAN RADIUS: 0.835

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.377	1.125
2:	0.951	0.748
3:	1.905	0.176
4:	0.336	0.133
5:	0.668	-0.080
6:	-0.011	-0.332
7:	0.165	-0.554
8:	-0.452	0.279
9:	-1.802	-0.032
10:	0.163	-0.018



TARGET APPROX 1/2 SCALE

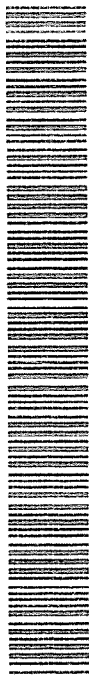
R & E NUMBER	608100		
SERIAL NUMBER	C661731		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-30-03	RTL
560 A	RE-BARREL	8-7-03	RTL
B	DRILL AND TAP	8-11-03	TRW
575	ASSEMBLE	8-11-03	RTL
600	PROOF	8-11-03	AC
605	CHECK HEADSPACE	8-11-03	AC
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TH
625 A	FINAL ASSEMBLY	8-18-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-22-03	TRW
655	FINAL INSPECT	8-22-03	RW
660	PACK	8-25-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington
MODEL 700™ M24

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

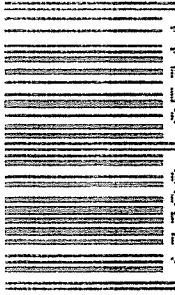
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.	
SERIAL NO. C6611731	ORDER NO. 5716



5716 C6611731

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611731

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS.
617	Drill and Tap Sight Holes	16 21 1		FB
618	Polish Barrel	16 21 1		WB
620	Apply Coatings (Barrel Action)		2-17-91	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/8/91	TH

BARBER - M24 0093192

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			3/8/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			3/8/91	WB
	H) Trigger Pull Test & Retainability						3/8/91	JH
	I) Firing Pin Indent	.023	.023	.023			3/8/91	WB
	J) Assemble Stock						3/8/91	RW
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/8/91	RW
	M) Iron Sight Alignment						3/8/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	RW
	O) Attach Scope to Rifle						3/8/91	RW
	P) Detach & Attach Scope 20 Times						3/8/91	RW
640	Gallery Target & Test						3-8-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						3-8-91	NF
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.50	2.53	2.55	2.44	2.41	3/8/91	JH
	C) Function						3-11-91	D/H
660	Pack						3-75-91	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611731

DATE 3-8-91

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.34	2.40	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.11	2.44	2.53	
PULL #3	2.44	2.44	2.46	2.55	
PULL #4	2.36	2.48	2.49	2.44	
PULL #5	2.34	2.44	2.45	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.44		
PULL #2	3.34	3.38		
PULL #3	3.15	3.42		
PULL #4	3.36	3.50		
PULL #5	3.39	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.30		4.46
PULL #2	4.42	4.27		4.29
PULL #3	4.44	4.35		4.44
PULL #4	4.45	4.31		4.38
PULL #5	4.45	4.25		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611731
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.201445
1 TO	2	.130924
1 TO	3	.375261
1 TO	4	.22934
1 TO	5	.160078

⊙ ←---POA

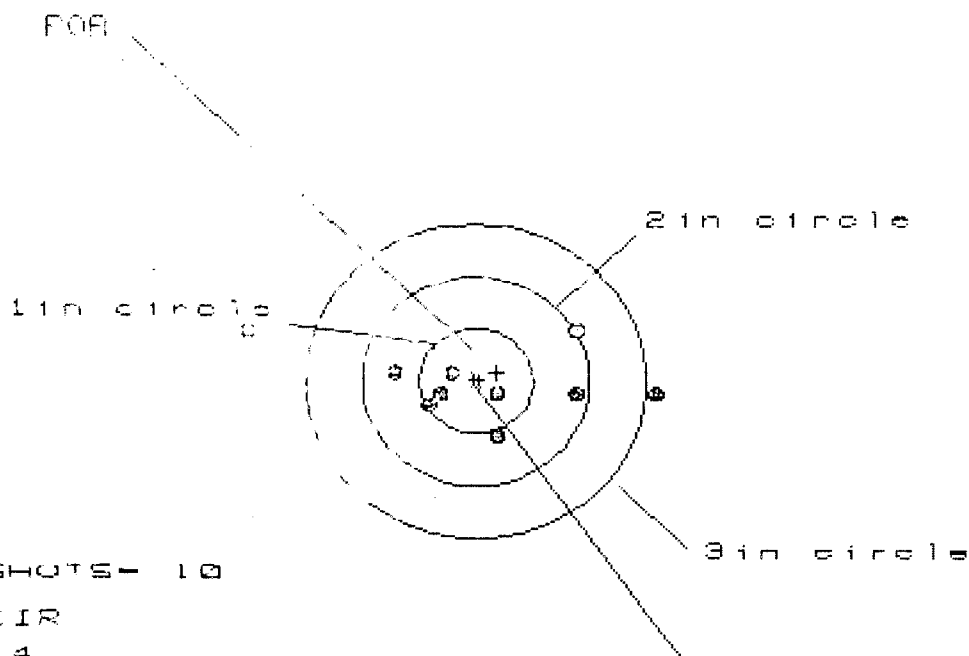
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0154
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1054
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106519
THE AMR FOR THIS RIFLE IS: .8322

5 Mar 1991

FILE: \PHT\TRAINING\CENTERFIRE_PATT\06611731

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 3

MEAN = 3.508

SE = 1.035

SD = 0.628

CENTROID #

PATTERN #	1	2	3
# OF SHOTS (BEST OF)	10	9	8
MEAN X	1.550	1.326	.875
MINIMUM X	-2.013	-.903	-.737
MAXIMUM X	.540	.550	.540
MINIMUM Y	.515	-.458	-.467
CENTROID Y	-.184	.040	-.126
SE Y	-.002	-.139	-.130
FOR TO CENTROID IN.	.200	.145	.181
1IN RADIUS	.160	.081	.095
2IN RADIUS	.320	.671	.550
3IN RADIUS	.480	1.328	.955
HORIZONTAL SPREAD	1.500	2.229	1.612
VERTICAL SPREAD	1.000	1.008	1.008
EXTREME SPREAD	1.612	2.244	1.629
SHOTS IN ONE INCH CIRCLE	= 4		
SHOTS IN TWO INCH CIRCLE	= 8		
SHOTS IN THREE INCH CIRCLE	= 3		

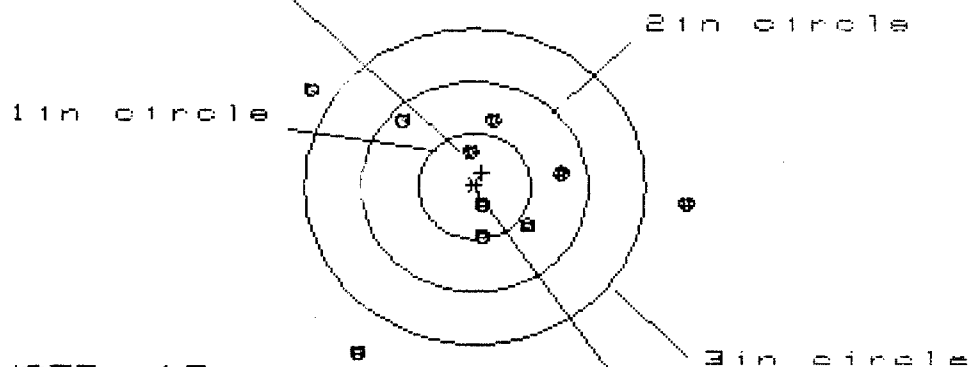
8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611731

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 7

HS= 3.270

VS= 2.452

CS= 3.433

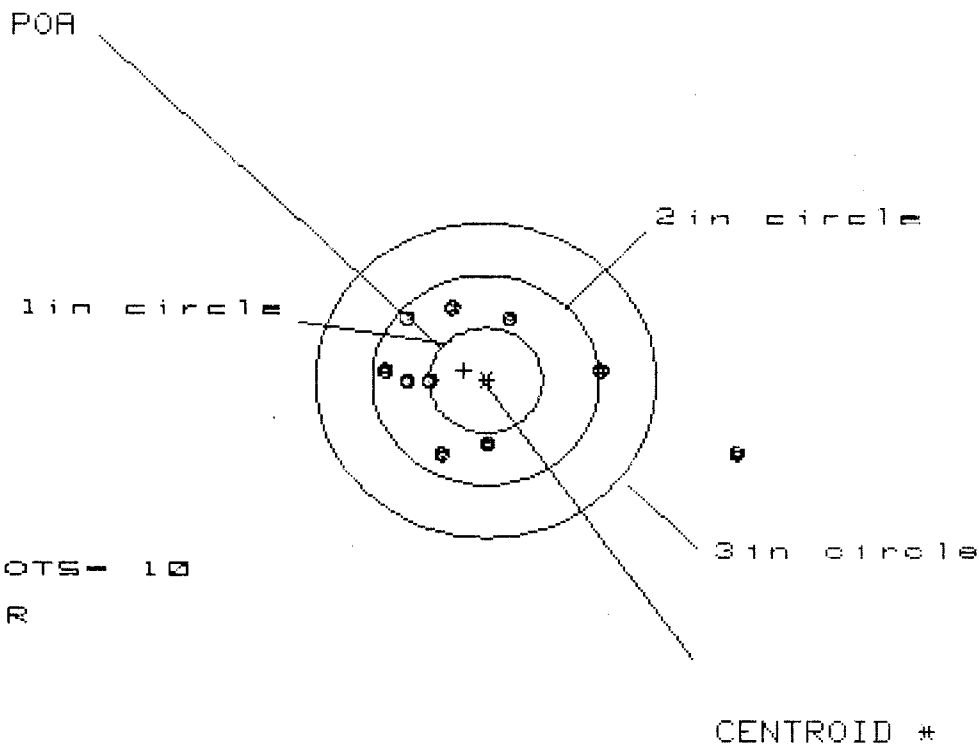
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.819	1.703	.812
MINIMUM X	:	-1.451	-1.567	-1.354
MAXIMUM Y	:	.893	.720	.679
MINIMUM Y	:	-1.559	-.608	-.649
CENTROID X	:	-.063	.053	-.160
CENTROID Y	:	-.132	.041	.082
POA TO CENTROID in.	:	.146	.067	.179
MIN RADIUS	:	.147	.233	.134
MEAN RADIUS	:	.919	.802	.684
MAX RADIUS	:	1.876	1.734	1.515
HORIZONTAL SPREAD	:	3.270	3.270	2.166
VERTICAL SPREAD	:	2.452	1.328	1.328
EXTREME SPREAD	:	3.433	3.433	2.292
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	7		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611731

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 8

3in = 9

H0 = 3.091

V0 = 1.414

G0 = 3.191

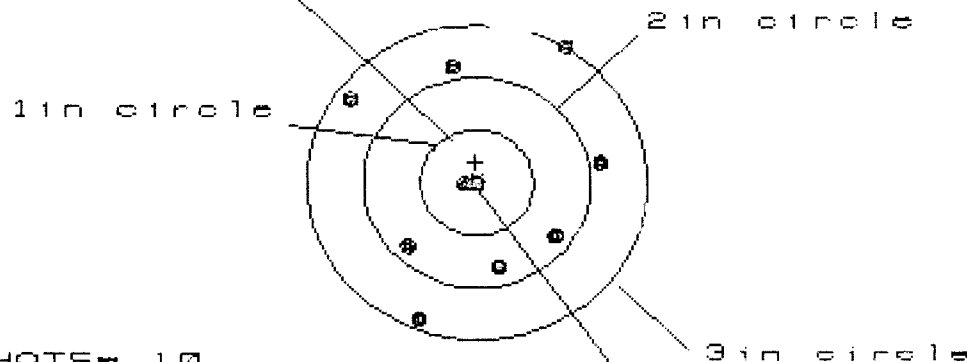
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.212	1.269	.645
MINIMUM X	:	-.879	-.633	-.474
MAXIMUM Y	:	.675	.593	.591
MINIMUM Y	:	-.739	-.758	-.760
CENTROID X	:	.191	-.054	-.213
CENTROID Y	:	-.096	-.014	-.012
POA TO CENTROID in.	:	.214	.056	.213
MIN RADIUS	:	.457	.232	.112
MEAN RADIUS	:	.909	.674	.553
MAX RADIUS	:	2.333	1.269	.850
HORIZONTAL SPREAD	:	3.091	1.902	1.119
VERTICAL SPREAD	:	1.414	1.351	1.351
EXTREME SPREAD	:	3.191	1.902	1.474
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	9		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611731

CENTERFIRE PATTERNS # 4

POA



* OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.165

VS= 2.622

GS= 2.937

CENTROID *

PATTERN #	:	747		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	1.123	1.064
MINIMUM X	:	-1.127	-1.042	-1.101
MAXIMUM Y	:	1.304	1.191	1.045
MINIMUM Y	:	-1.318	-1.173	-.829
CENTROID X	:	.015	-.070	-.011
CENTROID Y	:	-.196	-.341	-.195
POA TO CENTROID in.	:	.197	.348	.195
MIN RADIUS	:	.052	.120	.039
MEAN RADIUS	:	.912	.836	.768
MAX RADIUS	:	1.513	1.403	1.357
HORIZONTAL SPREAD	:	2.165	2.165	2.165
VERTICAL SPREAD	:	2.622	2.364	1.874
EXTREME SPREAD	:	2.937	2.391	2.247
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611731

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 4

2in - 10

3in = 10

HS= 1.399

VS= 1.576

GS= 1.680

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.477	.527	.418
MINIMUM X	:	-.922	-.872	-.765
MAXIMUM Y	:	.831	.667	.696
MINIMUM Y	:	-.745	-.653	-.624
CENTROID X	:	-.036	-.086	.023
CENTROID Y	:	-.021	-.113	-.142
POR TO CENTROID in.	:	.042	.142	.144
MIN RADIUS	:	.123	.207	.149
MEAN RADIUS	:	.615	.579	.505
MAX RADIUS	:	.942	.936	1.035
HORIZONTAL SPREAD	:	1.399	1.399	1.183
VERTICAL SPREAD	:	1.576	1.320	1.320
EXTREME SPREAD	:	1.680	1.680	1.680
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	10		
NUMBER IN THREE INCH CIRCLE	=	10		

BARBER - M24-0093200

ORDER

R74-18058

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE # 90-0565

DATE RECEIVED
06/09/94

DATE OPENED
6/09/94

DATE CODE

SERIAL NUMBER
C6611731

NEW SERIAL NUMBER

MODEL AND GRADE	
700	7-62

NATO

SHIP TO:

AL 36201-5025

AL
36204-5025

CUST NO:098397 C.OJD

WRITE

V1A

FRT

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

TOTAL

100

F3

Life

11

Figure 1

C2

COMMENTS

PATTERN

DATE _____

RD6925 REV. 1/94

BARBER - M24 ~~0093200~~ **M2400093239**

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. CL6611731

DATE 11-8-94

TESTER Bm

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.45	2.30	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.25	2.45	
PULL #3	2.33	2.26	2.41	
PULL #4	2.33	2.28	2.46	
PULL #5	2.66	2.28	2.46	
TOTAL	12.06	11.37	12.25	
AVG.	2.41	2.27	2.45	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.00	2.97	
PULL #2	2.88	2.97	
PULL #3	2.87	2.95	
PULL #4	2.89	2.96	
PULL #5	2.88	2.97	
TOTAL	14.52	14.82	
AVG.	2.90	2.96	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.92	4.03		4.01
PULL #2	3.90	3.99		4.00
PULL #3	3.95	3.98		4.02
PULL #4	3.97	3.94		3.98
PULL #5	3.94	4.08		3.96
TOTAL	19.68	20.02		19.97
AVG.	3.93	4.00		3.99

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611731

P. #	OP. NAME	READINGS	DATE	INITIAL
75 & 80	Assemble Action and Stock			
00	Proof			
07.	Check Headspace			
10	Dis-assemble Gun			
12	Magnaflux Barrel Action			
	Magnaflux Bolt			
5	Rollmark Caliber			
7	Drill and Tap Sight Holes			
8	Polish Barrel			
0	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
5	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0093203		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	6	6	6			11/22	WB
	G) Safety Off Force	3	3	3			11/22	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.61	2.60	2.62	2.54	2.63	11/22/95	WB
	C) Function							
660	Pack							