

G673 8614

Replaces

G653 5435

01/09/09 14:55:30

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: **RE00158406** Serial: G6535435 Model M24 SWS Center Fire Repairman: _____
 Verify Repair _____ Caliber: 7.62 NATO Status: Closed 1/9/2009 10:58:58 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**
 Address 1: **USPFD FOR ARKANSAS BLDG 318** **USPFD FOR ARKANSAS BLDG 318**
 Address 2: **CAMP ROBINSON BLDG 318** PO Box: _____ **CAMP ROBINSON BLDG 318** 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 Fair Condition Notes: _____ CSR Notes: _____		Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <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>D000</td> <td>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	D000	REAR SGT BASE	1
Code	Desc	Qty																	
A007	With Stud	3																	
A010	Hard Case	1																	
A017	Scope Base	1																	
D000	REAR SGT BASE	1																	

Repair Search | Refresh | Close

naglej | 1/9/2009 | 2:55 PM | CAPS | NUM | INS | SCRL

start | 2 Mi... | South... | 4 Mi... | Part 5... | Arms... | Stock... | 5:55 PM

~~676~~ G6738614 (NW)

~~G6535435~~

Model: M24 SWS



RE00158406

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

R & E NUMBER 158406
SERIAL NUMBER G6738614
LOG-IN DATE 1-9-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-12-09	RTZ
505	RE-BARREL	1-13-09	RTZ
560	ASSEMBLE	1-13-09	RTZ
600	PROOF	1-14-09	TC
605	CHECK HEADSPACE	1-14-09	RTZ
610	DIS-ASSEMBLE GUN	1-14-09	RTZ
612	MAGNAFLUX	1-17-09	RTZ
510	DRILL AND TAP	1-14-09	SD
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-19-09	RT
620	APPLY COATINGS	1-22	
625	FINAL ASSEMBLY	1-26-09	RTZ
640	FUNCTION TEST AND	1-27-09	TC
650	TARGET	1-27-09	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-28-09	RTZ
	A) HEADSPACE	1-28-09	RTZ
	B) TRIGGER PULL	2.03 2.09 2.06 2.04 2.01	1-27-09 Fey
680	F) SAFETY ON FORCE	4.0 4.0 4.0	1-28-09 RTZ
	G) SAFETY OFF FORCE	6.0 6.0 6.0	1-28-09 RTZ
	I) FIRING PIN INDENT	.022 .023 .023	1-28-09 RTZ
690	PACK		1-28-09 Fey

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6738614.__0
FILE DATE AND TIME: 01/27/2009 13:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.041
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.602
The Distance from POA to Centroid Target #1:	0.195
The Distance from Centroid Target #2 to Centroid Target #1:	0.213
The Distance from Centroid Target #3 to Centroid Target #1:	0.232
The Distance from Centroid Target #4 to Centroid Target #1:	0.169
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

SERIAL NUMBER: G6738614. __0

TARGET NUMBER: 1

FILE DATE: 01/27/2009

FILE TIME: 13:30

POINT#	X	Y
1:	0.905	0.208
2:	0.750	-0.246
3:	0.306	-0.790
4:	0.020	-0.596
5:	-0.524	-0.586
6:	0.306	0.789
7:	-0.343	0.128
8:	0.058	0.359
9:	0.341	0.176
10:	0.029	-0.079

X CENTROID: 0.185

Y CENTROID: -0.064

POA TO CENTROID: 0.195

HORZ SPREAD: 1.429

VERT SPREAD: 1.579

GROUP SPREAD: 1.635

MIN RADIUS: 0.157

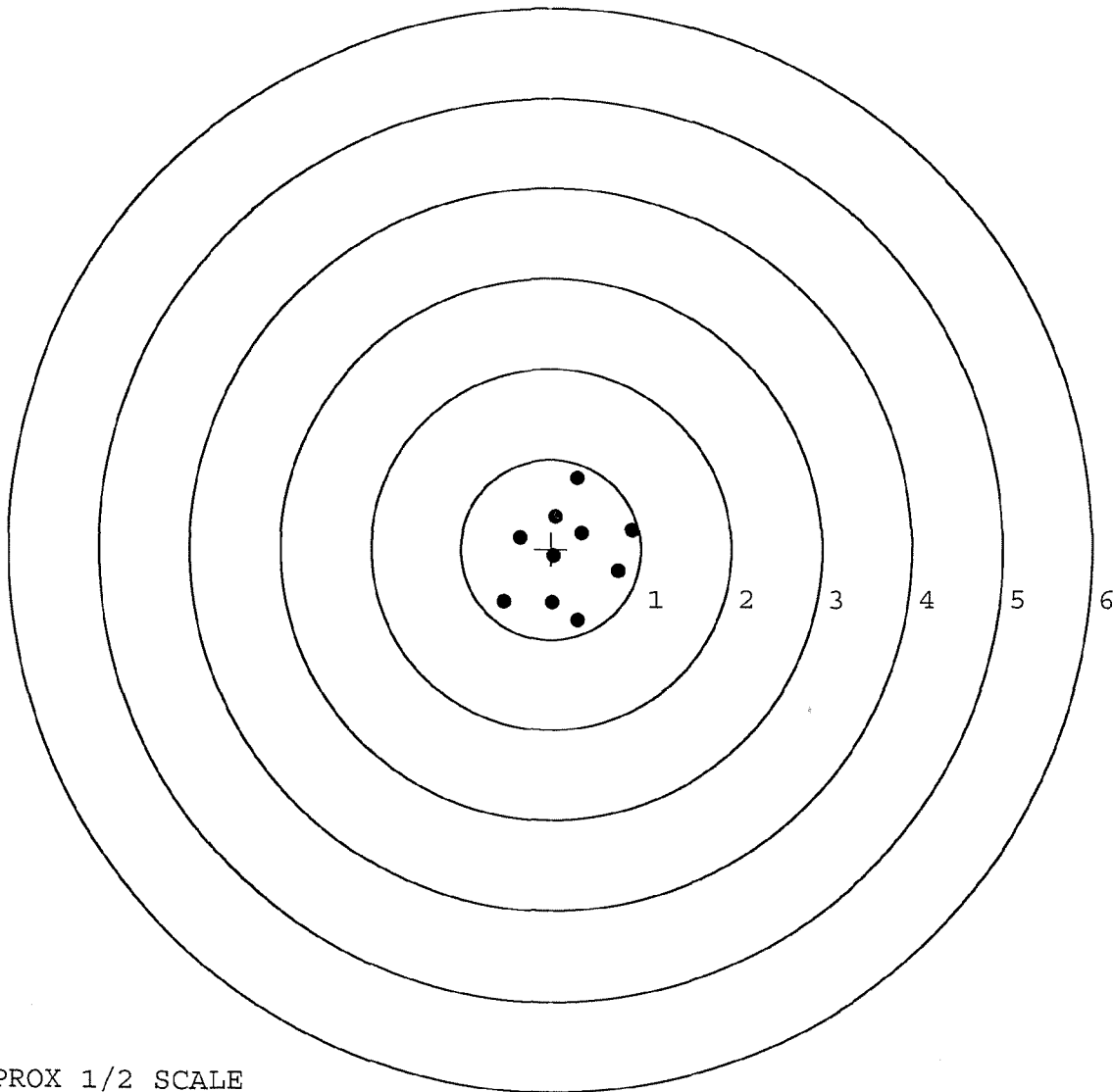
MAX RADIUS: 0.880

MEAN RADIUS: 0.584

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

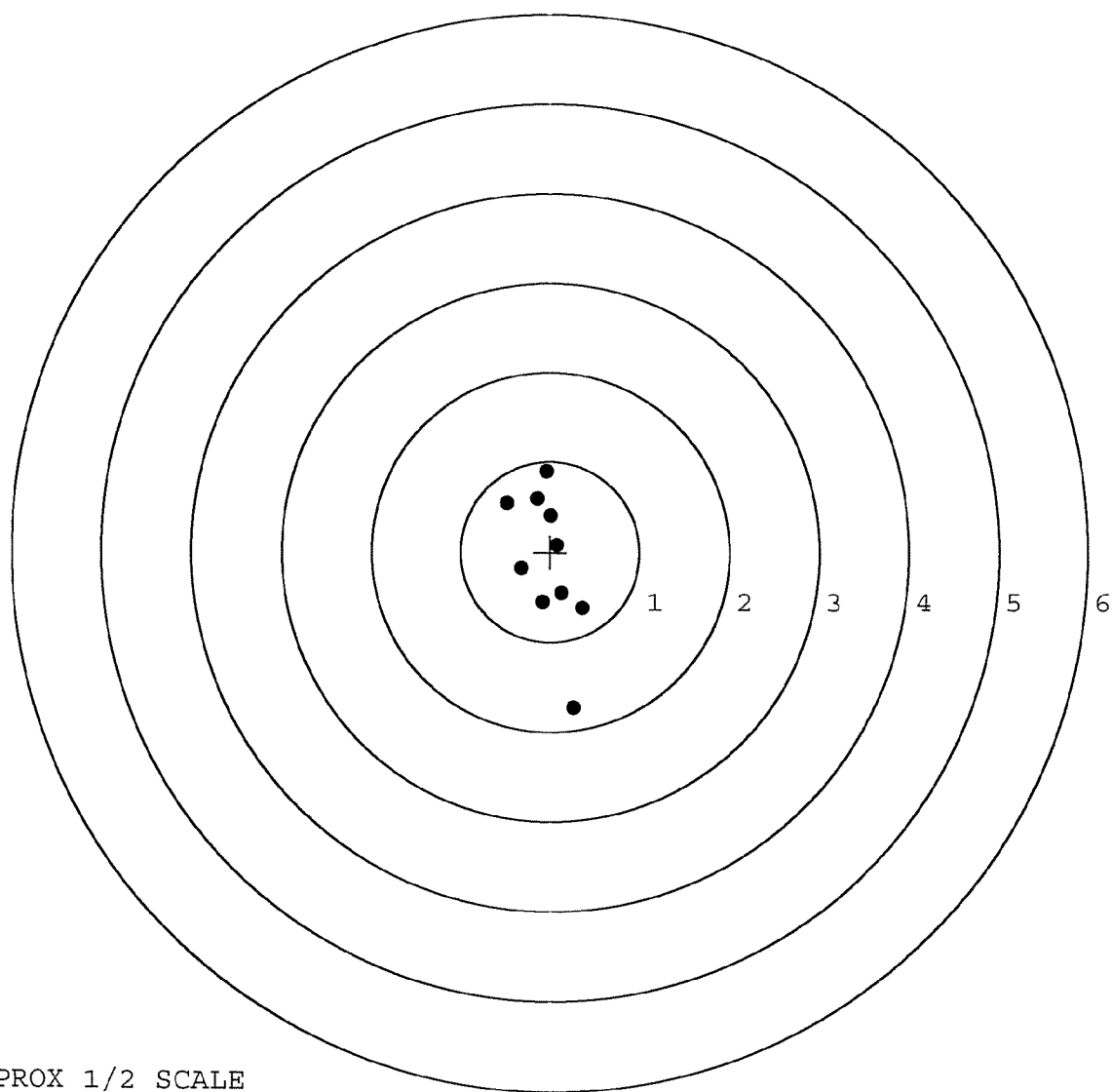


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738614. __0
TARGET NUMBER: 2
FILE DATE: 01/27/2009
FILE TIME: 13:30

POINT#	X	Y
1:	-0.044	0.888
2:	-0.143	0.591
3:	-0.482	0.543
4:	0.007	0.405
5:	0.074	0.077
6:	-0.325	-0.182
7:	-0.091	-0.558
8:	0.132	-0.458
9:	0.364	-0.621
10:	0.262	-1.735

X CENTROID: -0.025
Y CENTROID: -0.105
POA TO CENTROID: 0.108
HORZ SPREAD: 0.846
VERT SPREAD: 2.623
GROUP SPREAD: 2.641
MIN RADIUS: 0.207
MAX RADIUS: 1.655
MEAN RADIUS: 0.667
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

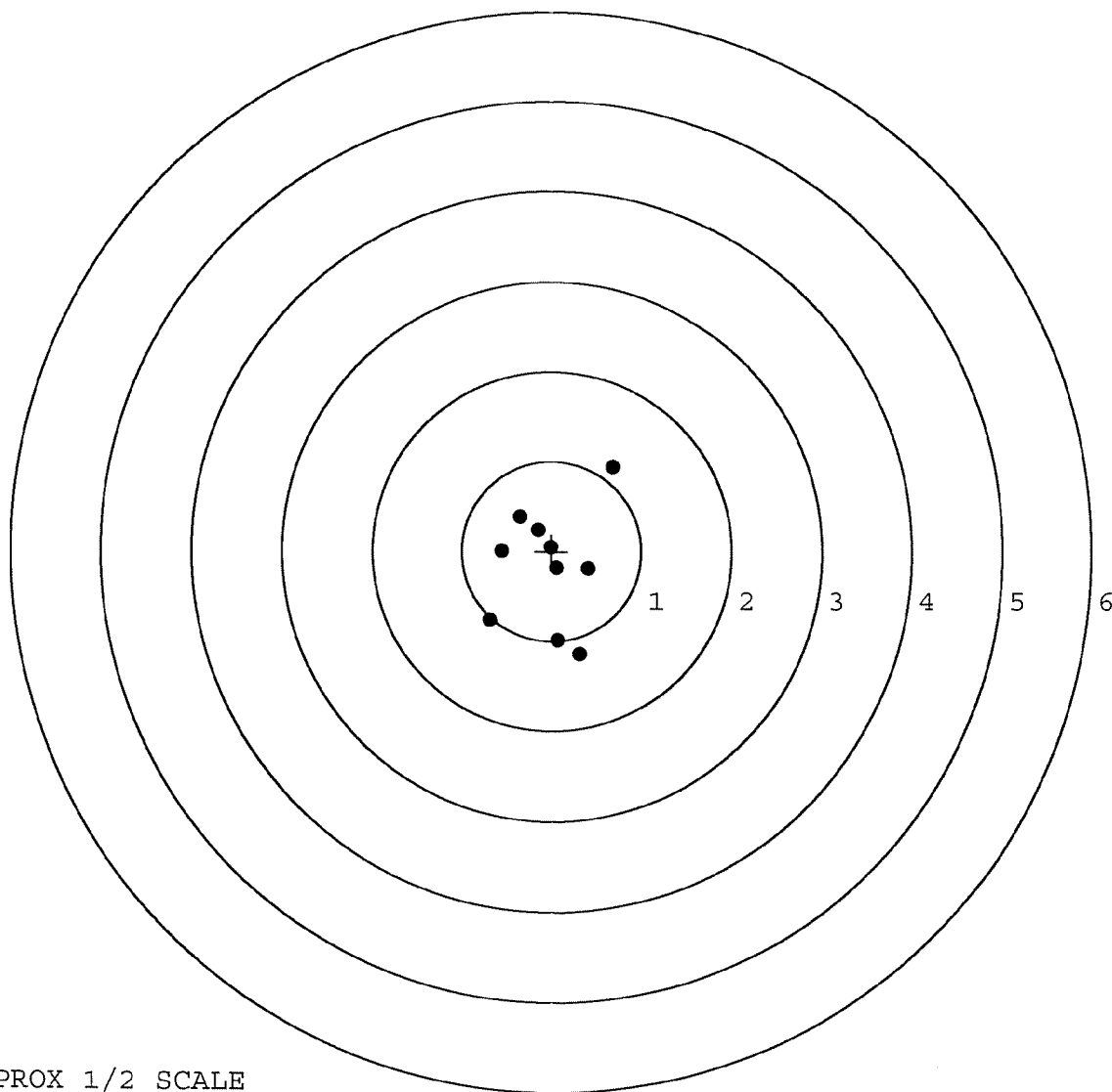


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738614. __0
TARGET NUMBER: 3
FILE DATE: 01/27/2009
FILE TIME: 13:30

POINT#	X	Y
1:	0.685	0.940
2:	0.315	-1.150
3:	0.067	-0.995
4:	-0.689	-0.769
5:	-0.555	-0.002
6:	-0.348	0.384
7:	-0.153	0.240
8:	0.412	-0.197
9:	0.058	-0.189
10:	-0.013	0.041

X CENTROID: -0.022
Y CENTROID: -0.170
POA TO CENTROID: 0.171
HORZ SPREAD: 1.374
VERT SPREAD: 2.090
GROUP SPREAD: 2.193
MIN RADIUS: 0.082
MAX RADIUS: 1.316
MEAN RADIUS: 0.644
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

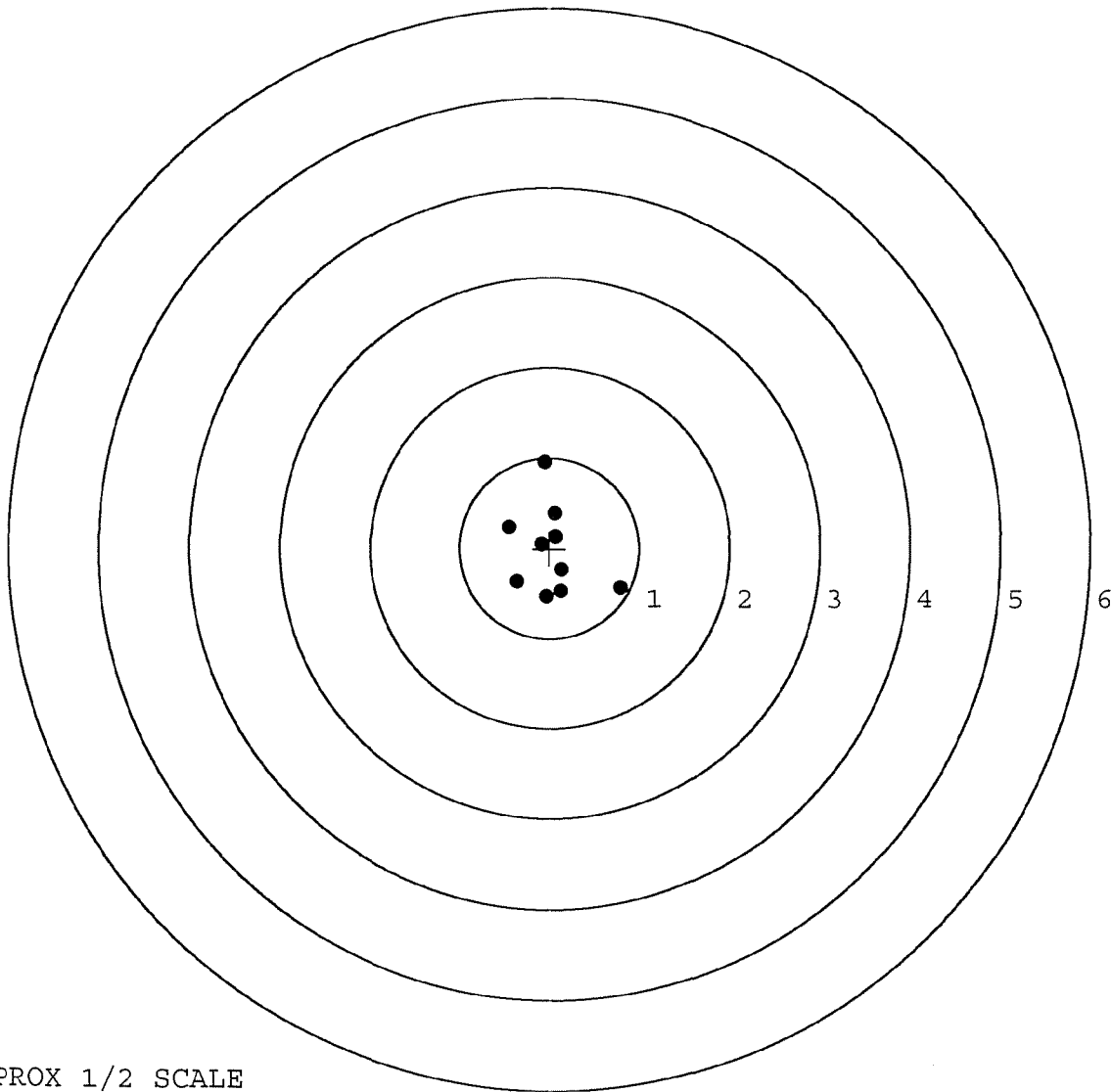


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738614. __0
TARGET NUMBER: 4
FILE DATE: 01/27/2009
FILE TIME: 13:30

POINT#	X	Y
1:	-0.048	0.958
2:	-0.456	0.235
3:	-0.364	-0.370
4:	-0.036	-0.536
5:	0.129	-0.477
6:	0.788	-0.439
7:	0.138	-0.237
8:	-0.087	0.051
9:	0.070	0.129
10:	0.055	0.389

X CENTROID: 0.019
Y CENTROID: -0.030
POA TO CENTROID: 0.035
HORZ SPREAD: 1.244
VERT SPREAD: 1.494
GROUP SPREAD: 1.628
MIN RADIUS: 0.133
MAX RADIUS: 0.990
MEAN RADIUS: 0.485
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

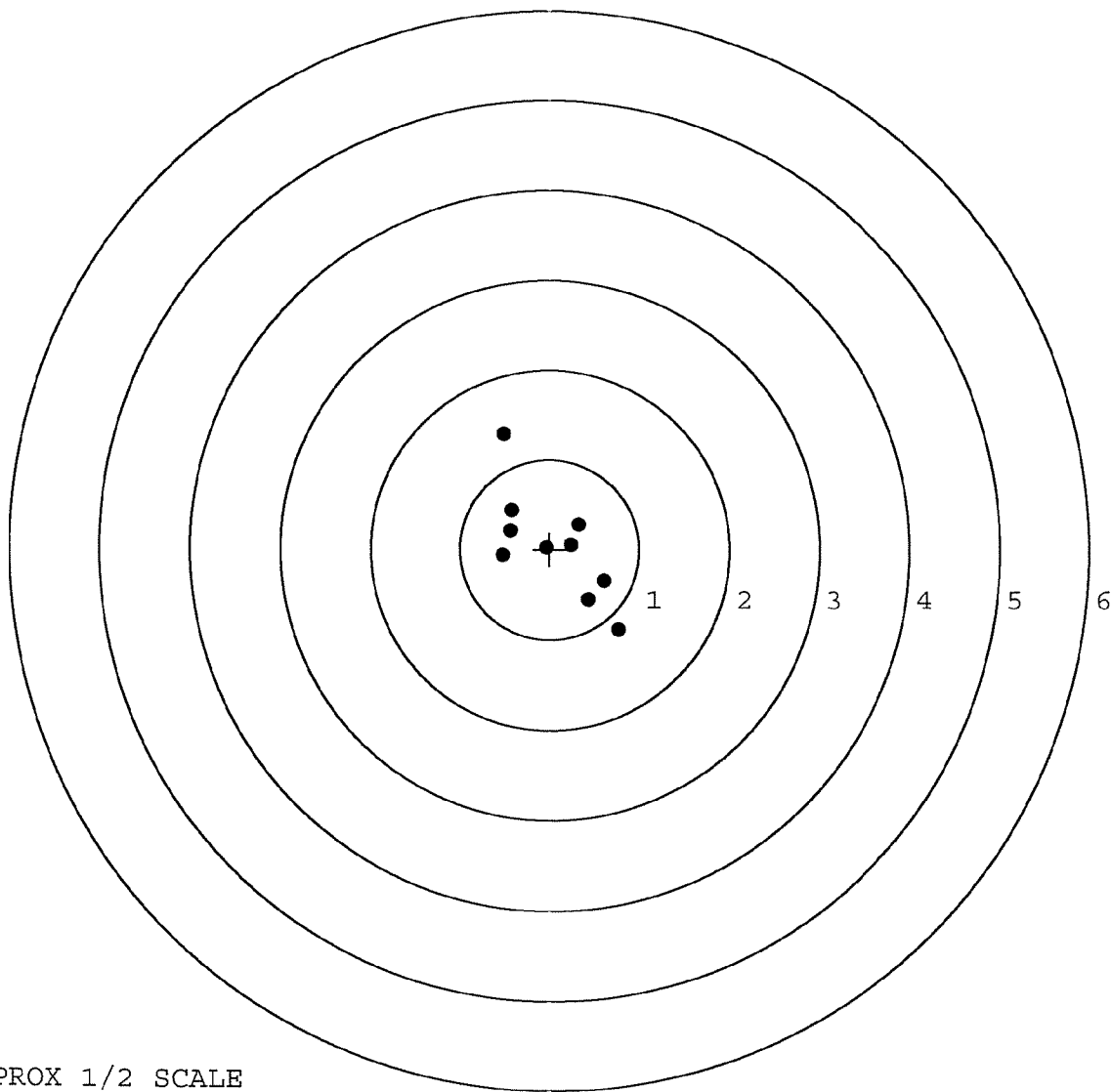


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738614. __0
TARGET NUMBER: 5
FILE DATE: 01/27/2009
FILE TIME: 13:30

POINT#	X	Y
1:	-0.507	1.291
2:	-0.424	0.437
3:	-0.439	0.207
4:	-0.526	-0.067
5:	-0.036	0.017
6:	0.331	0.275
7:	0.772	-0.891
8:	0.440	-0.555
9:	0.612	-0.349
10:	0.241	0.051

X CENTROID: 0.046
Y CENTROID: 0.042
POA TO CENTROID: 0.062
HORZ SPREAD: 1.298
VERT SPREAD: 2.182
GROUP SPREAD: 2.529
MIN RADIUS: 0.086
MAX RADIUS: 1.366
MEAN RADIUS: 0.631
IN 1 IN DIAMETER: 3
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: **RE00109519** Serial: C6523443 Model M24 SWS Center Fire
 Verify Repair: Status: Closed 3/7/2006 9:49:23 AM

Address Information

Customer: Received From: Return To: Received From:

Name: TRANSPORTATION OFFICER TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS BLDG 318 USPFO 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

Condition: Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

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

naglej 3/7/2006 9:59 AM CAPS NUM INS SCRL

start 3 Micr... Part Se... Arms S... 3 Micr... 4 Int... Adobe... 9:59 AM

C6535435 (New)

~~C6523443~~

Model: M24 SWS



RE00109519

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535435.___0
FILE DATE AND TIME: 03/27/2006 16:50

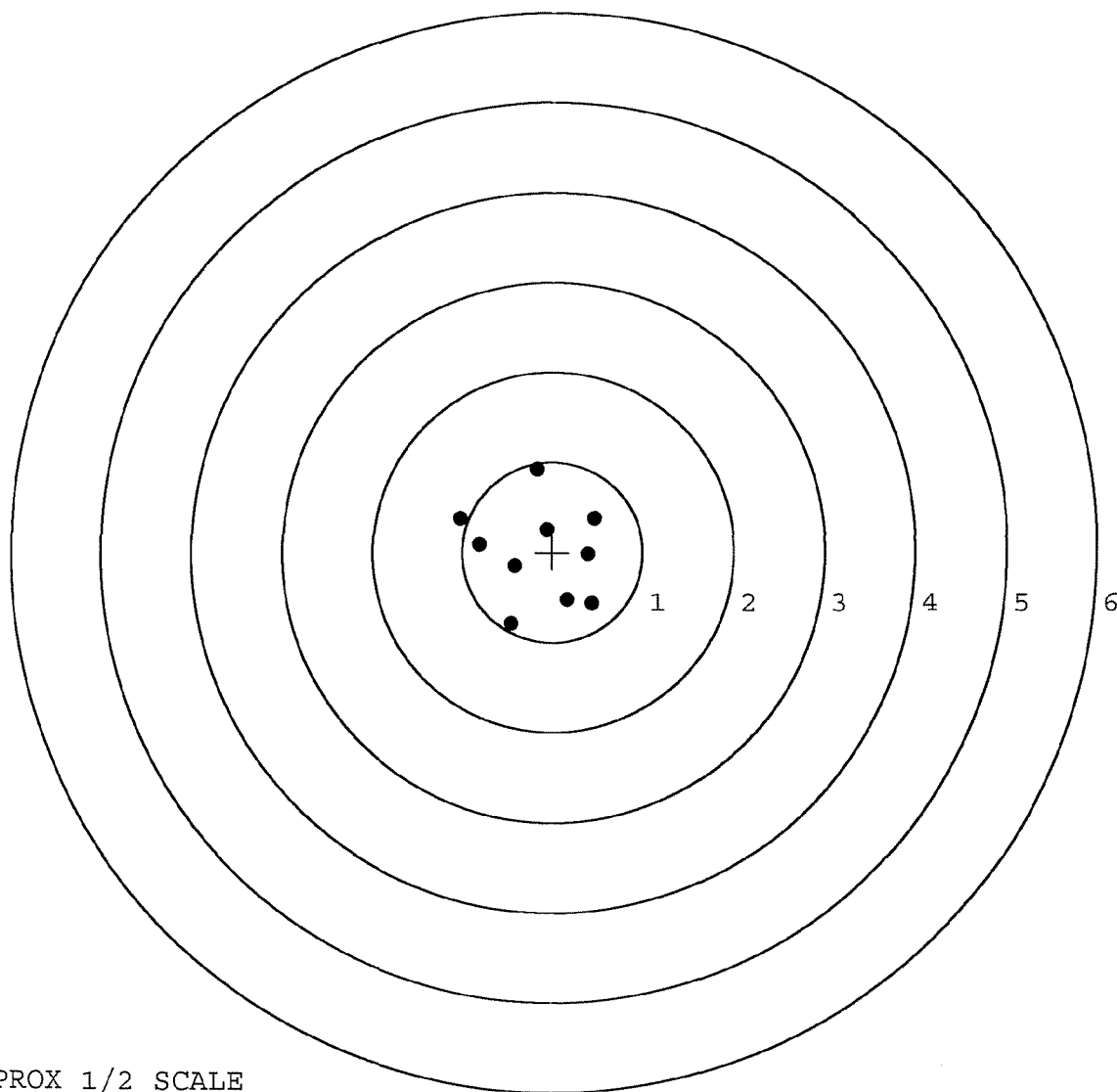
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	-0.079
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	0.634
The Distance from POA to Centroid Target #1:	0.147
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.139
The Distance from Centroid Target #4 to Centroid Target #1:	0.126
The Distance from Centroid Target #5 to Centroid Target #1:	0.194

SERIAL NUMBER: G6535435. 0
TARGET NUMBER: 1
FILE DATE: 03/27/2006
FILE TIME: 16:50

X CENTROID: -0.147
Y CENTROID: -0.007
POA TO CENTROID: 0.147
HORZ SPREAD: 1.491
VERT SPREAD: 1.709
GROUP SPREAD: 1.745
MIN RADIUS: 0.268
MAX RADIUS: 0.959
MEAN RADIUS: 0.667
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.169	0.914
2:	-0.065	0.248
3:	-0.417	-0.159
4:	-0.812	0.087
5:	-1.026	0.375
6:	0.465	0.378
7:	0.397	-0.021
8:	0.172	-0.529
9:	0.441	-0.570
10:	-0.455	-0.795

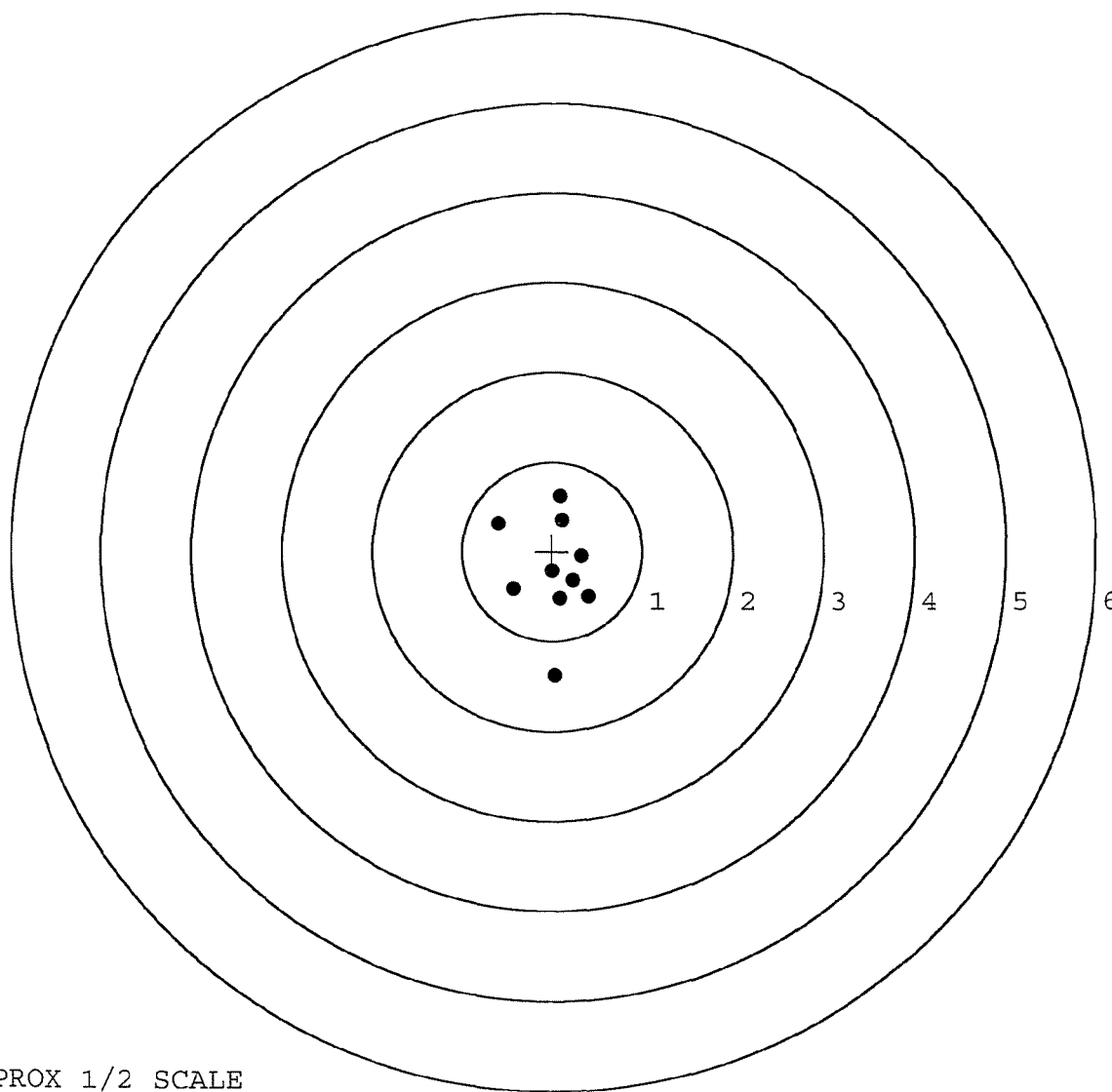


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535435. __0
TARGET NUMBER: 2
FILE DATE: 03/27/2006
FILE TIME: 16:50

X CENTROID: 0.028
Y CENTROID: -0.219
POA TO CENTROID: 0.221
HORZ SPREAD: 1.017
VERT SPREAD: 2.004
GROUP SPREAD: 2.005
MIN RADIUS: 0.024
MAX RADIUS: 1.170
MEAN RADIUS: 0.531
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.088	0.615
2:	0.113	0.347
3:	0.333	-0.059
4:	0.004	-0.220
5:	0.090	-0.532
6:	0.413	-0.506
7:	-0.429	-0.425
8:	-0.604	0.308
9:	0.034	-1.389
10:	0.239	-0.332



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535435. __0

TARGET NUMBER: 3

FILE DATE: 03/27/2006

FILE TIME: 16:50

POINT#	X	Y
1:	0.932	-0.018
2:	0.417	0.429
3:	0.101	0.100
4:	-0.323	0.577
5:	-0.673	-0.191
6:	-0.094	-0.365
7:	0.012	-0.545
8:	0.093	-0.793
9:	-0.215	0.079
10:	-0.486	0.017

X CENTROID: -0.024

Y CENTROID: -0.071

POA TO CENTROID: 0.075

HORZ SPREAD: 1.605

VERT SPREAD: 1.370

GROUP SPREAD: 1.614

MIN RADIUS: 0.212

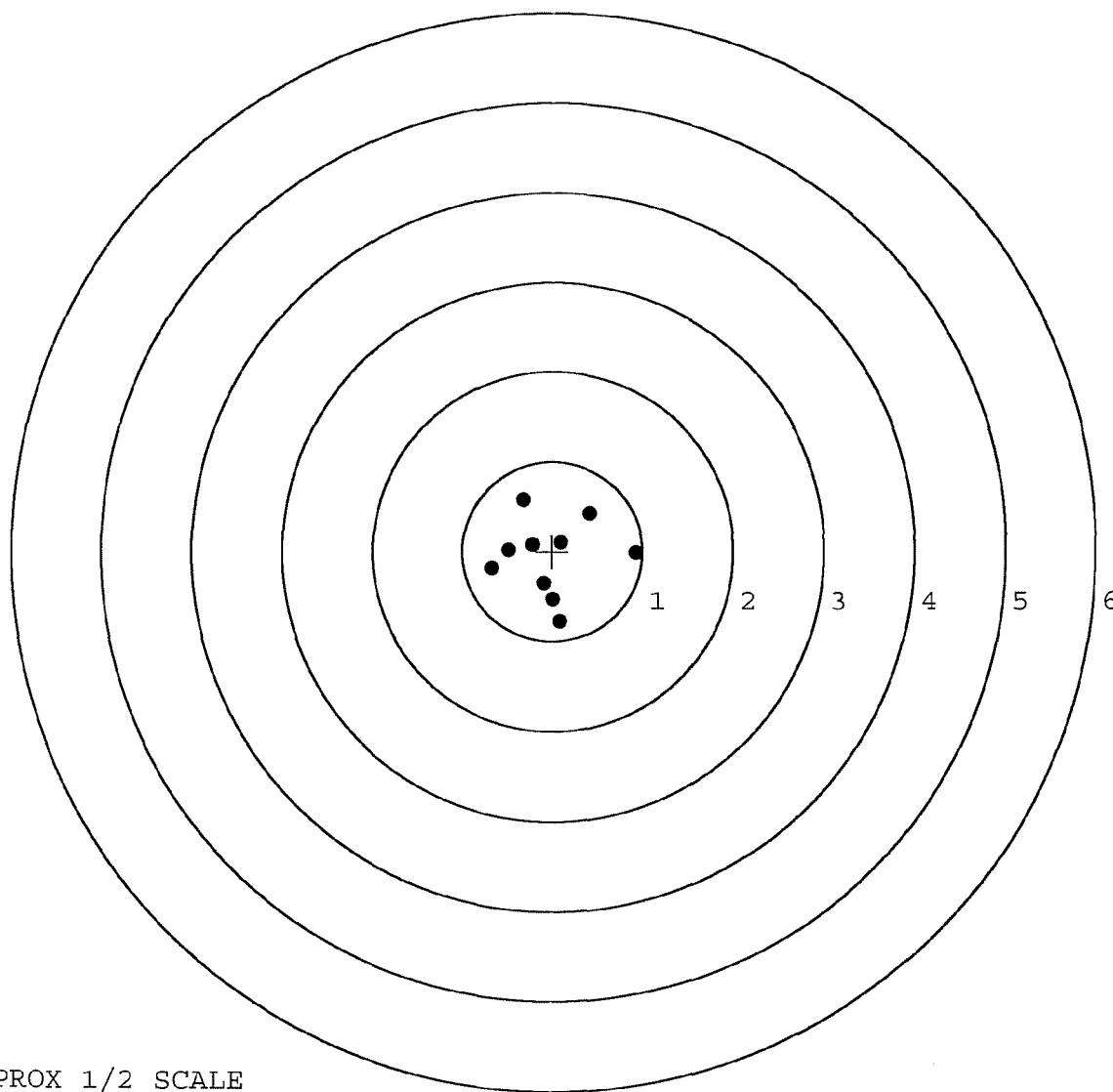
MAX RADIUS: 0.957

MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

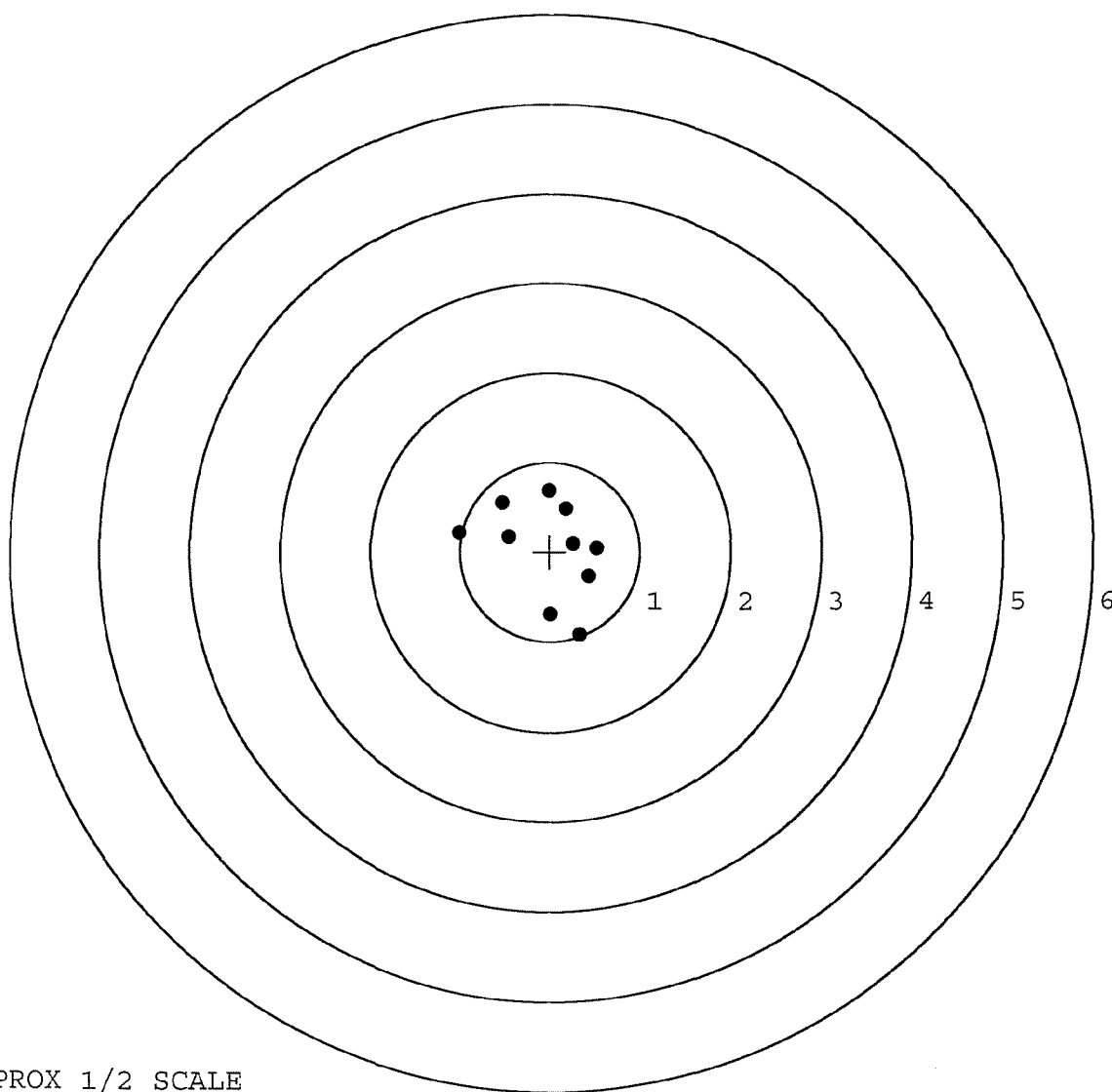


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535435. __0
TARGET NUMBER: 4
FILE DATE: 03/27/2006
FILE TIME: 16:50

POINT#	X	Y
1:	-0.018	0.685
2:	0.179	0.482
3:	0.260	0.087
4:	0.526	0.041
5:	0.439	-0.278
6:	0.010	-0.706
7:	0.339	-0.931
8:	-0.539	0.548
9:	-0.461	0.170
10:	-1.008	0.217

X CENTROID: -0.027
Y CENTROID: 0.031
POA TO CENTROID: 0.042
HORZ SPREAD: 1.534
VERT SPREAD: 1.616
GROUP SPREAD: 1.770
MIN RADIUS: 0.293
MAX RADIUS: 1.030
MEAN RADIUS: 0.650
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

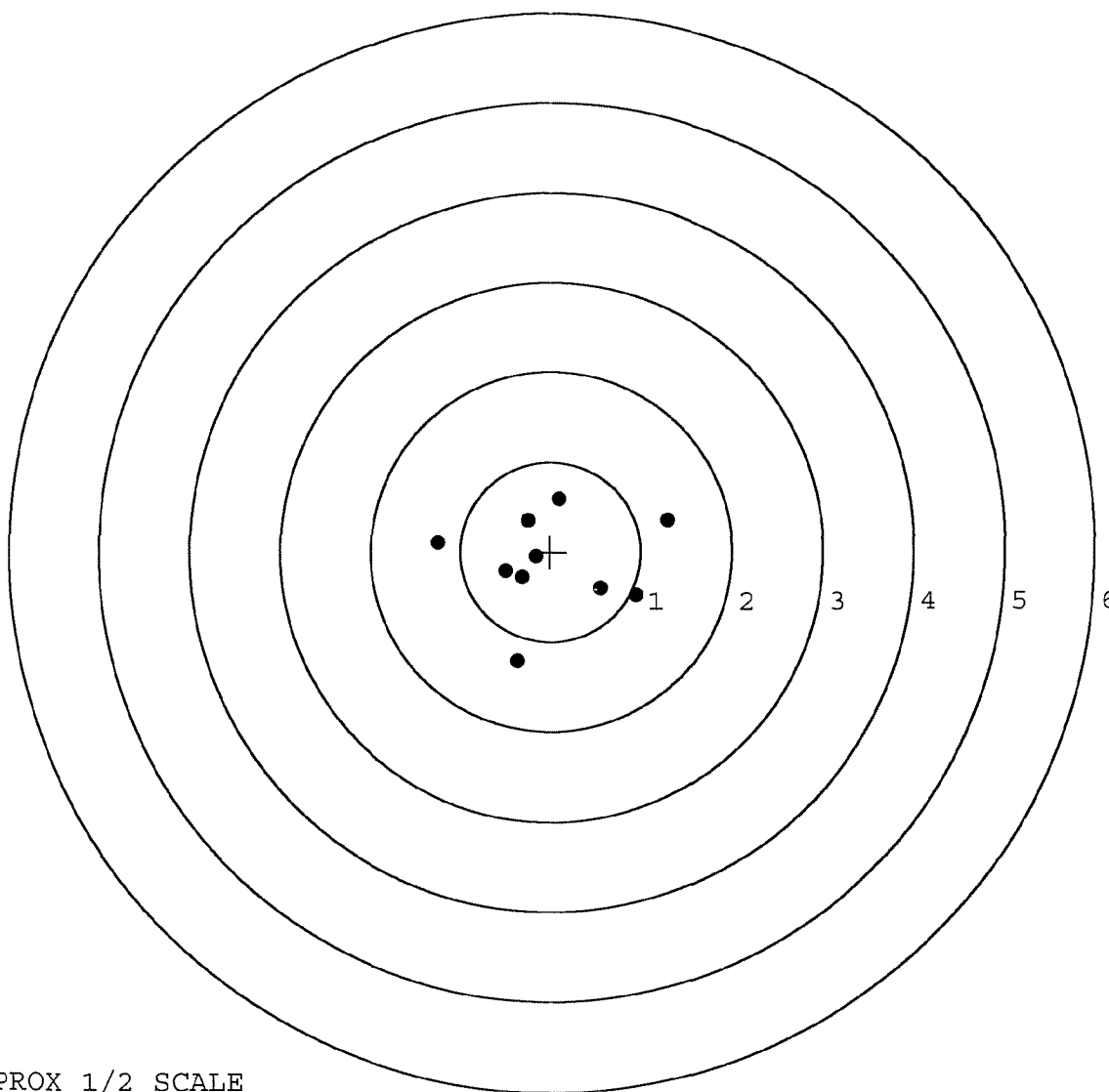


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535435. __0
TARGET NUMBER: 5
FILE DATE: 03/27/2006
FILE TIME: 16:50

X CENTROID: 0.004
Y CENTROID: -0.129
POA TO CENTROID: 0.129
HORZ SPREAD: 2.541
VERT SPREAD: 1.818
GROUP SPREAD: 2.552
MIN RADIUS: 0.183
MAX RADIUS: 1.372
MEAN RADIUS: 0.776
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.098	0.592
2:	-0.258	0.348
3:	-0.166	-0.060
4:	-0.317	-0.291
5:	-0.494	-0.220
6:	-1.252	0.110
7:	-0.369	-1.226
8:	0.555	-0.408
9:	0.953	-0.489
10:	1.289	0.352



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	109519		
SERIAL NUMBER	C6523443 C60533435		
LOG-IN DATE	3-7-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-9-06	RTZ
560 A	RE-BARREL	3-9-06	RTZ
B	DRILL AND TAP	3-17-06	TRW
575	ASSEMBLE	3-9-06	RTZ
600	PROOF	3-15-06	MTM
605	CHECK HEADSPACE	3-15-06	MTM
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	LB
620	APPLY COATINGS	3-21-06	RTZ
625 A	FINAL ASSEMBLY	3-22-06	RTZ
B	TRIGGER PULL TEST	3-28-06	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	L.P.D.
655	FINAL INSPECT	3-28-06	AC
660	RACK	4-6-06	ON
		SHIP DATE	
		QAR INSPECTION DATE	

Remington



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

MODEL 700™ H24

SERIAL NO.
C6523443

ORDER NO.
5716

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

01



5716 C6523443

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523443

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KJ
600	Proof		10/4/90	KJ
607	Check Headspace		10/4/90	KJ
610	Dis-assemble Gun		10/4/90	KJ
612	Magnaflux Barrel Action		10/9/90	KR
	Magnaflux Bolt		10/9/90	KR
615	Rollmark Caliber		10/9/90	LS
617	Drill and Tap Sight Holes		10/11/90	KB
618	Polish Barrel		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/20/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/20/90	WB
	C) Inspect Ejector Hole for Chamfer		10/20/90	WB
	D) Oil Firing Pin Ass'y		10/20/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.5	4.2	4.0			11-2-90	LT
	G) Safety Off Force	3.0	2.5	2.5			11-2-90	KT
	H) Trigger Pull Test & Retainability						11-5-90	OK
	I) Firing Pin Indent	.023	.022	.022			11-2-90	KT
	J) Assemble Stock						11-5-90	KA
	K) Assemble Swivel Studs						11-20-90	QJ
	L) Attach Front and Rear Sight Assemblies						11-5/90	KA
	M) Iron Sight Alignment						11-5/90	KA
	N) Detach Front & Rear Sights & place in numbered container						11-5/90	KA
	O) Attach Scope to Rifle						11-5/90	KA
	P) Detach & Attach Scope 20 Times						11-5/90	KA
640	Gallery Target & Test						11/6/90	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						11/6/90	NE
655	Final Inspection							
	A) Headspace						11-20-90	QJ
	B) Trigger Pull	245	246	252	267	252	11-20-90	QJ
	C) Function						11-20-90	QJ
660	Pack						12-17-90	D/H

MOD. M24 GA. CAL. 7.62 GUN # 3443

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
NF	11/6	Flour Plate Shoots Open	K5
	2nd		
	11/8	O.K. Now FILED STOCK	K's.
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523443

DATE 11-5-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.35	2.24	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.49	2.50	2.40	
PULL #3	2.28	2.35	2.33	2.52	
PULL #4	2.50	2.25	2.27	2.67	
PULL #5	2.47	2.45	2.28	2.52	
TOTAL	11.80	11.89	11.62		
AVG.	2.36	2.378	2.324		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.37		
PULL #2	3.38	3.34		
PULL #3	3.48	3.40		
PULL #4	3.48	3.41		
PULL #5	3.49	3.40		
TOTAL	17.21	16.92		
AVG.	3.442	3.384		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.50		4.24
PULL #2	4.52	4.42		4.47
PULL #3	4.46	4.46		4.45
PULL #4	4.48	4.35		4.44
PULL #5	4.48	4.48		4.37
TOTAL	22.33	22.21		21.97
AVG.	4.466	4.442		4.394

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523443
7 Nov 1990

CENTROIDAL DISTANCES

2 TO	1	.24066
1 TO	2	.0482557
1 TO	3	.349361
1 TO	4	.521989
1 TO	5	.104235

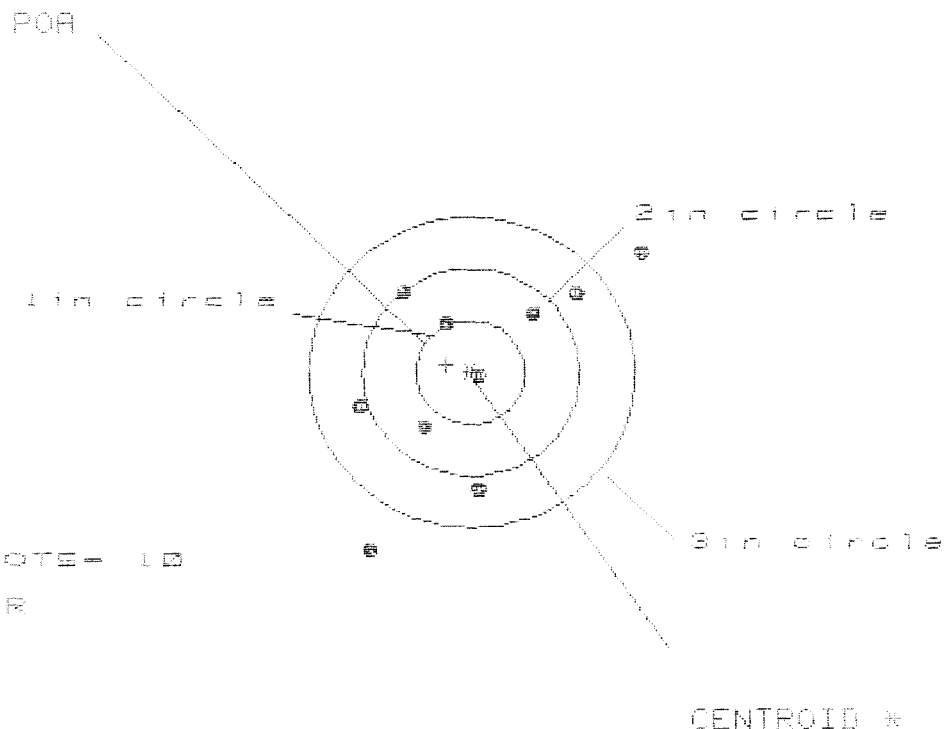
$\bar{x}^2$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1694
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0148
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .178045
THE AMR FOR THIS RIFLE IS: .9396

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523443

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.888

VS= 2.888

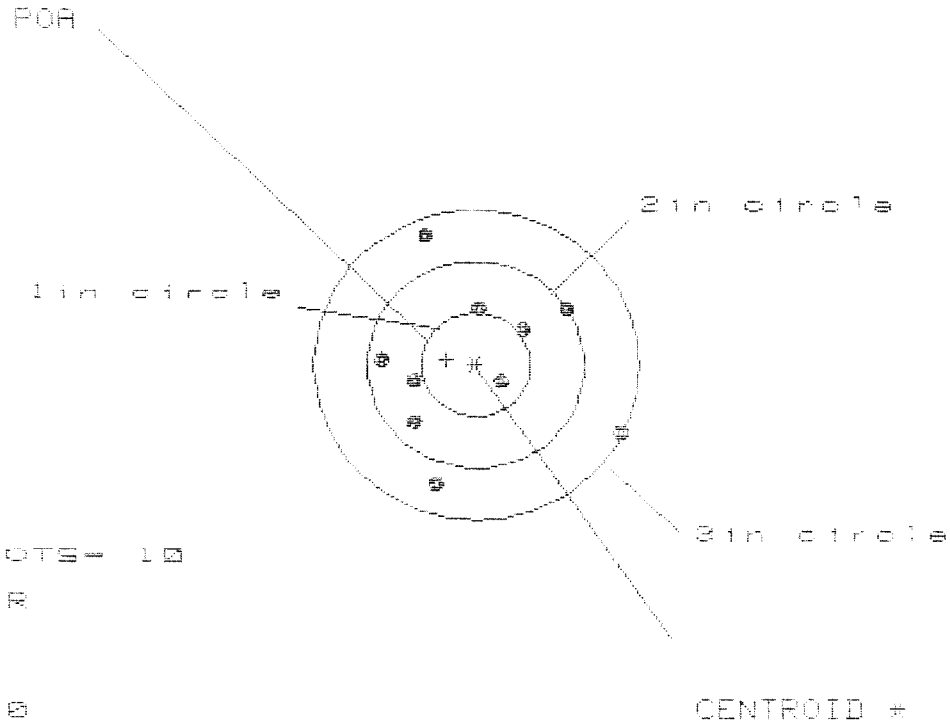
GS= 3.753

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.530	1.431	1.053
MINIMUM X	-1.035	-1.134	-1.955
MAXIMUM Y	1.145	.954	.705
MINIMUM Y	-1.723	-1.281	-1.162
CENTROID X	.229	.328	.149
CENTROID Y	-.074	.117	-.002
POA TO CENTROID in.	.241	.348	.149
MIN RADIUS	.088	.236	.195
MEAN RADIUS	1.034	.929	.808
MAX RADIUS	1.939	1.720	1.267
HORIZONTAL SPREAD	2.565	2.565	2.008
VERTICAL SPREAD	2.868	2.235	1.867
EXTREME SPREAD	3.753	2.971	2.305
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523448

CENTERFIRE PATTERNS # 2



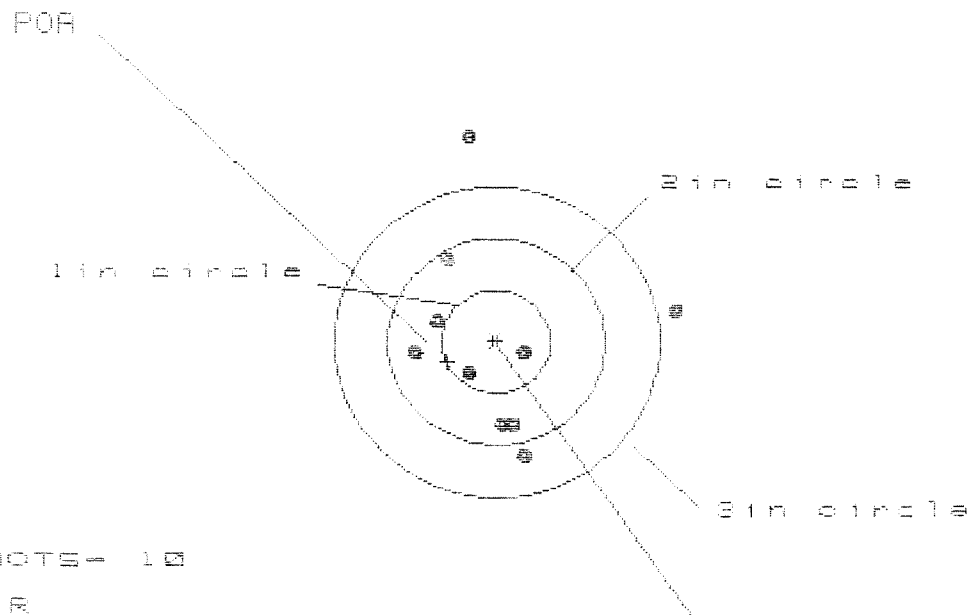
OF SHOTS= 10
 # IN CIR
 1in = 1
 2in = 6
 3in = 10
 HS= 2.181
 VS= 2.393
 GS= 2.531

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.298	1.003	.965
MINIMUM X	:	-.883	-.738	-.776
MAXIMUM Y	:	1.213	1.144	.644
MINIMUM Y	:	-1.180	-1.249	-1.106
CENTROID X	:	.269	.124	.162
CENTROID Y	:	-.047	.022	-.121
POA TO CENTROID in.	:	.273	.126	.203
MIN RADIUS	:	.269	.428	.354
MEAN RADIUS	:	.868	.798	.741
MAX RADIUS	:	1.438	1.271	1.140
HORIZONTAL SPREAD	:	2.181	1.741	1.741
VERTICAL SPREAD	:	2.393	2.393	1.750
EXTREME SPREAD	:	2.531	2.394	2.115
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523443

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HE = 2.418

VS = 3.038

GE = 3.071

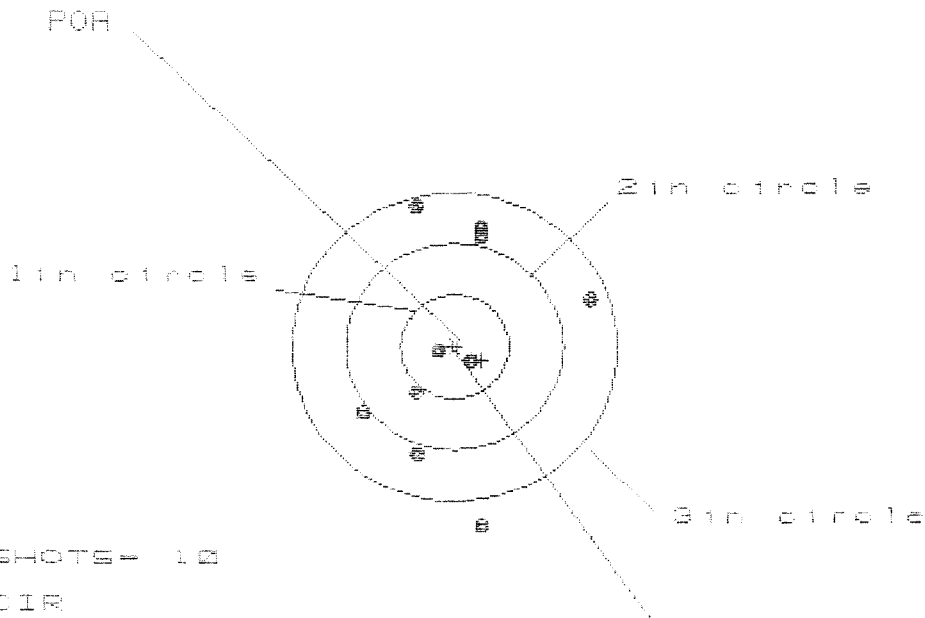
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.641	1.614	.391
MINIMUM X	:	-.777	-.804	-.603
MAXIMUM Y	:	1.956	.982	1.052
MINIMUM Y	:	-1.082	-.864	-.794
CENTROID X	:	.447	.474	.273
CENTROID Y	:	.199	-.019	-.009
POA TO CENTROID in.	:	.490	.475	.287
MIN RADIUS	:	.249	.211	.046
MEAN RADIUS	:	.924	.759	.601
MAX RADIUS	:	1.971	1.709	1.095
HORIZONTAL SPREAD	:	2.418	2.418	.994
VERTICAL SPREAD	:	3.038	1.846	1.846
EXTREME SPREAD	:	3.071	2.456	1.969
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523443

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 3

3in = 5

HS = 2.0000

VS = 3.0532

GS = 3.105

CENTROID *

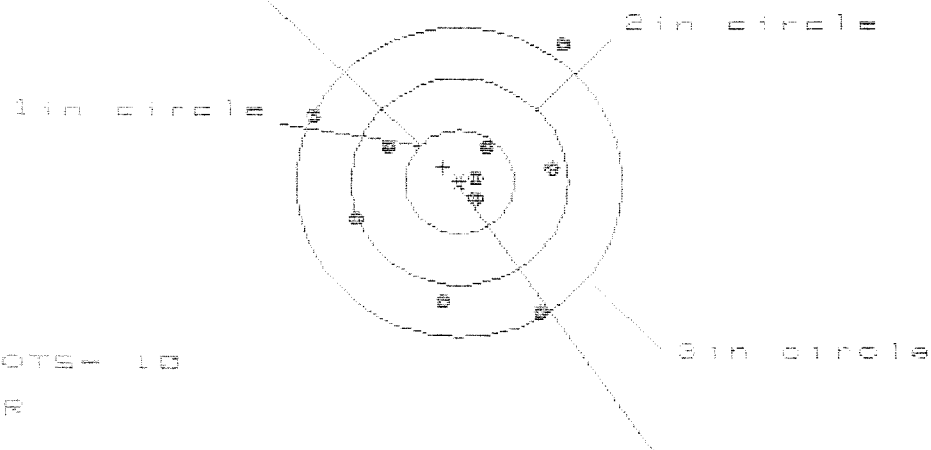
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	1.231	1.190
MINIMUM X	:	-.873	-.849	-.890
MAXIMUM Y	:	1.319	1.126	1.068
MINIMUM Y	:	-1.734	-1.221	-1.080
CENTROID X	:	-.248	-.272	-.231
CENTROID Y	:	.138	.331	.190
POR TO CENTROID in.	:	.284	.428	.299
MIN RADIUS	:	.102	.208	.130
MEAN RADIUS	:	.961	.888	.820
MAX RADIUS	:	1.747	1.268	1.264
HORIZONTAL SPREAD	:	2.080	2.080	2.080
VERTICAL SPREAD	:	3.053	2.347	2.148
EXTREME SPREAD	:	3.105	2.352	2.352
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523443

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 8

HE = 2.284

VS = 2.631

GE = 2.855

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.984	.942	.782
MINIMUM X	:	-1.380	-1.280	-1.973
MAXIMUM Y	:	1.375	.774	.625
MINIMUM Y	:	-1.256	-1.103	-1.006
CENTROID X	:	.150	.050	.210
CENTROID Y	:	-.142	-.295	-.391
FOR TO CENTROID in.	:	.207	.299	.444
MIN RADIUS	:	.197	.276	.171
MEAN RADIUS	:	.911	.848	.751
MAX RADIUS	:	1.645	1.496	1.228
HORIZONTAL SPREAD	:	2.284	2.222	1.755
VERTICAL SPREAD	:	2.631	1.877	1.632
EXTREME SPREAD	:	2.855	2.850	2.138
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

Repair Inquiry

Repair Number: RE00059324

Serial: C6523443 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 1/10/2003 8:22:40 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS ARMY NAT GUARD

USPFO FOR ARKANSAS ARMY NAT GUARD

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:

Fax:

Email:

Comments:

Received Condition

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

1/10/2003

9:36 AM

CAPS

NUM

INS

SCAL

start

2 Micos

3 Micos

Arms Servi...

My Docu...

My Exote...

2 B-PL

9:36 AM

Serial Number: C6523443

Model: 700



RE00059324

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

SERIAL # C 6523443

INSPECTED BY: RTL

DATE REC'D: 1-10-03

DATE RET'D: 1-30-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

DATE 1-13-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.42		2.48	MIN. SETTING
PULL #2	2.35	2.30		2.44	NO AVG. OF 5
PULL #3	2.33	2.28		2.39	READINGS ACCEPT
PULL #4	2.28	2.26		2.40	ABLE LESS THAN
PULL #5	2.31	2.27		2.39	
TOTAL	11.77	11.53		12.10	
AVG.	2.35	2.30		2.42	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.20		
PULL #2	3.14	3.04		
PULL #3	3.23	3.08		
PULL #4	3.02	3.11		
PULL #5	3.18	3.06		
TOTAL	15.74	15.49		
AVG.	3.14	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.10	4.25		4.10
PULL #2	4.17	4.07		4.18
PULL #3	4.13	4.12		4.16
PULL #4	4.10	4.05		4.18
PULL #5	4.16	4.16		4.16
TOTAL	20.66	20.65		20.78
AVG.	4.13	4.13		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523443.__0
FILE DATE AND TIME: 01/29/2003 15:30

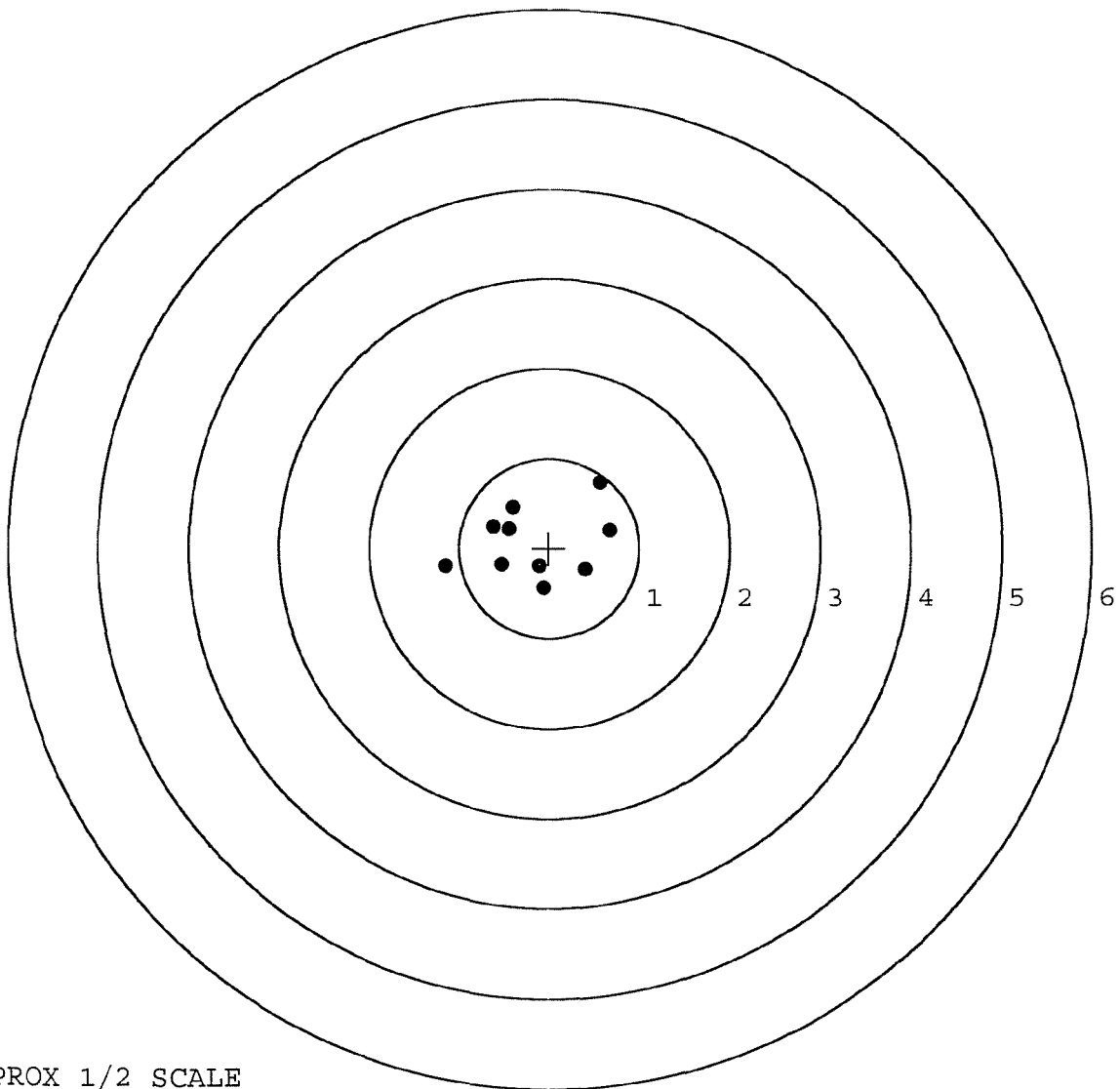
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.038
The Average Y Centroid of the Five Target Set:	-0.029
The Average Point of Impact of the Five Target Set:	0.048
The Average Mean Radius of the Five Target Set:	0.527
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.168
The Distance from Centroid Target #3 to Centroid Target #1:	0.212
The Distance from Centroid Target #4 to Centroid Target #1:	0.197
The Distance from Centroid Target #5 to Centroid Target #1:	0.224

SERIAL NUMBER: C6523443. __ 0
TARGET NUMBER: 1
FILE DATE: 01/29/2003
FILE TIME: 15:30

POINT#	X	Y
1:	0.565	0.739
2:	0.676	0.206
3:	0.401	-0.235
4:	-0.062	-0.450
5:	-0.112	-0.200
6:	-1.153	-0.205
7:	-0.523	-0.180
8:	-0.625	0.242
9:	-0.404	0.454
10:	-0.441	0.217

X CENTROID: -0.168
Y CENTROID: 0.059
POA TO CENTROID: 0.178
HORZ SPREAD: 1.829
VERT SPREAD: 1.189
GROUP SPREAD: 1.960
MIN RADIUS: 0.265
MAX RADIUS: 1.020
MEAN RADIUS: 0.600
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

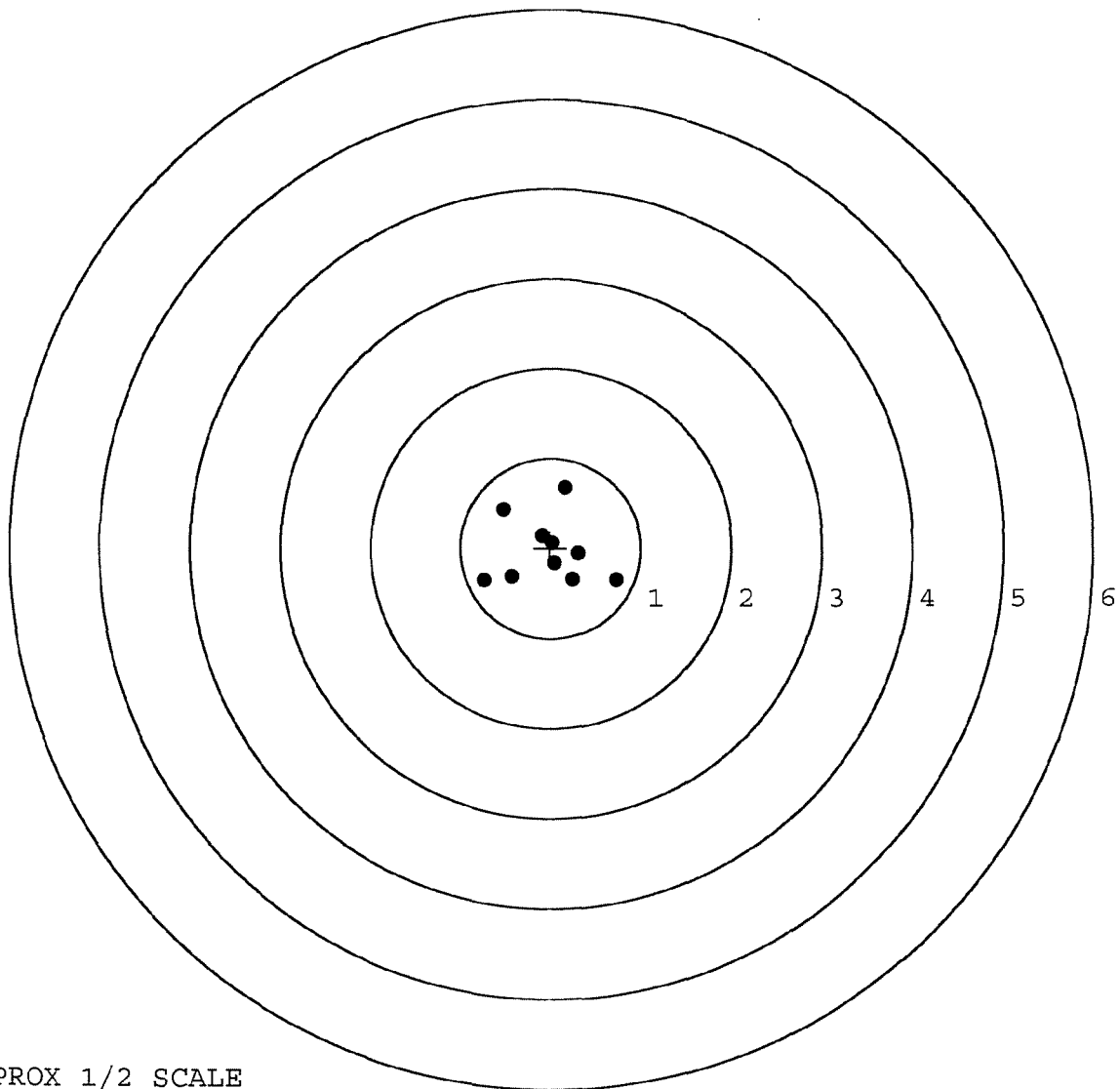


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523443. __0
TARGET NUMBER: 2
FILE DATE: 01/29/2003
FILE TIME: 15:30

X CENTROID: -0.026
Y CENTROID: -0.031
POA TO CENTROID: 0.040
HORZ SPREAD: 1.470
VERT SPREAD: 1.024
GROUP SPREAD: 1.476
MIN RADIUS: 0.097
MAX RADIUS: 0.820
MEAN RADIUS: 0.470
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.730	-0.349
2:	-0.740	-0.354
3:	-0.432	-0.318
4:	-0.525	0.428
5:	-0.087	0.140
6:	0.162	0.670
7:	0.311	-0.062
8:	0.049	-0.169
9:	0.252	-0.349
10:	0.021	0.054

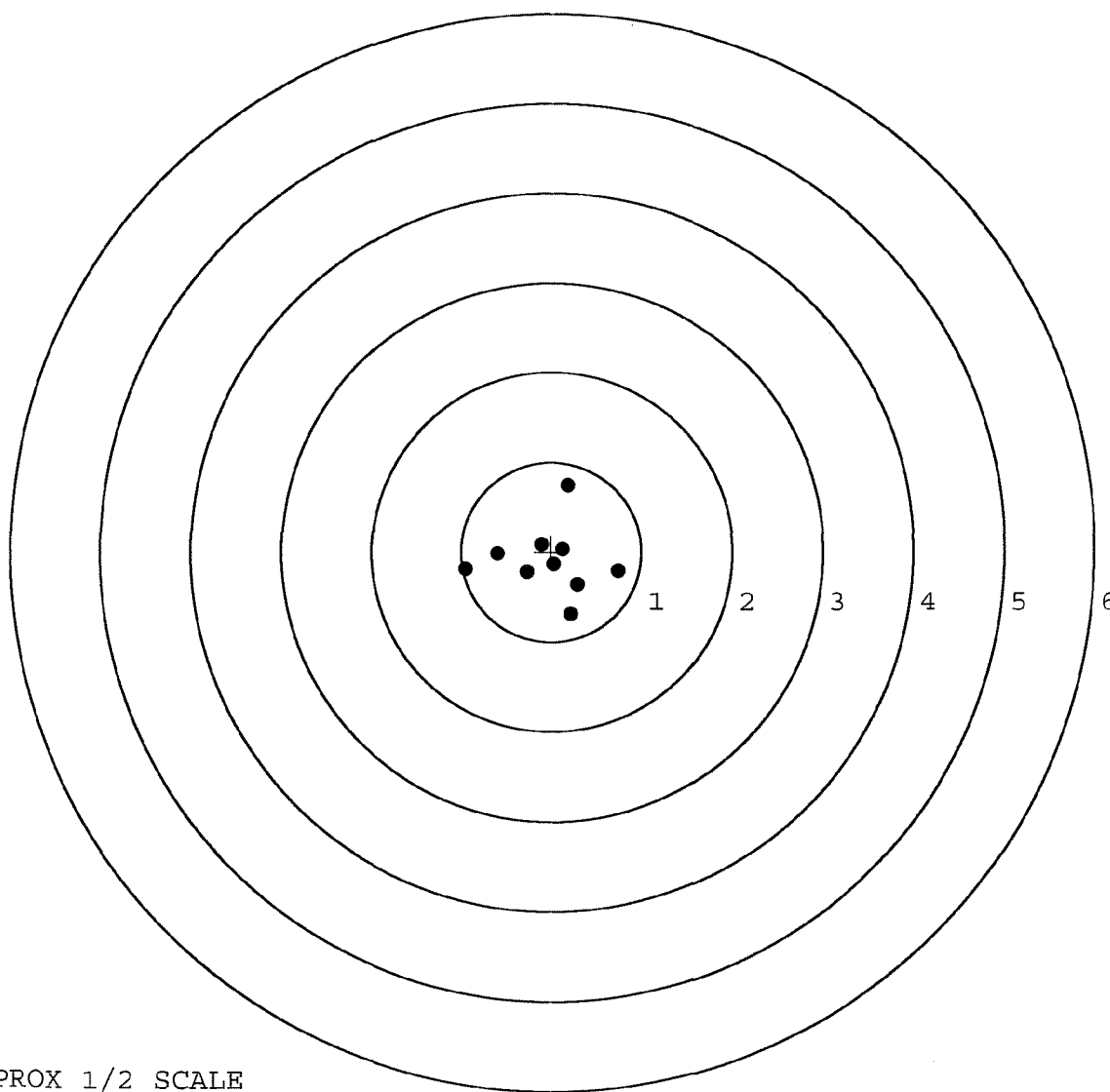


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523443. __0
TARGET NUMBER: 3
FILE DATE: 01/29/2003
FILE TIME: 15:30

X CENTROID: -0.030
Y CENTROID: -0.102
POA TO CENTROID: 0.107
HORZ SPREAD: 1.690
VERT SPREAD: 1.438
GROUP SPREAD: 1.690
MIN RADIUS: 0.075
MAX RADIUS: 0.922
MEAN RADIUS: 0.497
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.226	-0.695
2:	0.299	-0.372
3:	0.742	-0.217
4:	0.181	0.743
5:	-0.594	-0.021
6:	-0.948	-0.194
7:	-0.269	-0.232
8:	0.033	-0.143
9:	0.133	0.027
10:	-0.108	0.081



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523443. __0

TARGET NUMBER: 4

FILE DATE: 01/29/2003

FILE TIME: 15:30

POINT#	X	Y
1:	0.685	-0.923
2:	0.166	-0.316
3:	0.332	0.353
4:	-0.093	0.350
5:	-0.234	0.309
6:	-0.228	0.072
7:	-0.007	0.177
8:	-0.295	-0.061
9:	-0.078	-0.066
10:	-0.302	-0.417

X CENTROID: -0.005

Y CENTROID: -0.052

POA TO CENTROID: 0.052

HORZ SPREAD: 0.987

VERT SPREAD: 1.276

GROUP SPREAD: 1.537

MIN RADIUS: 0.074

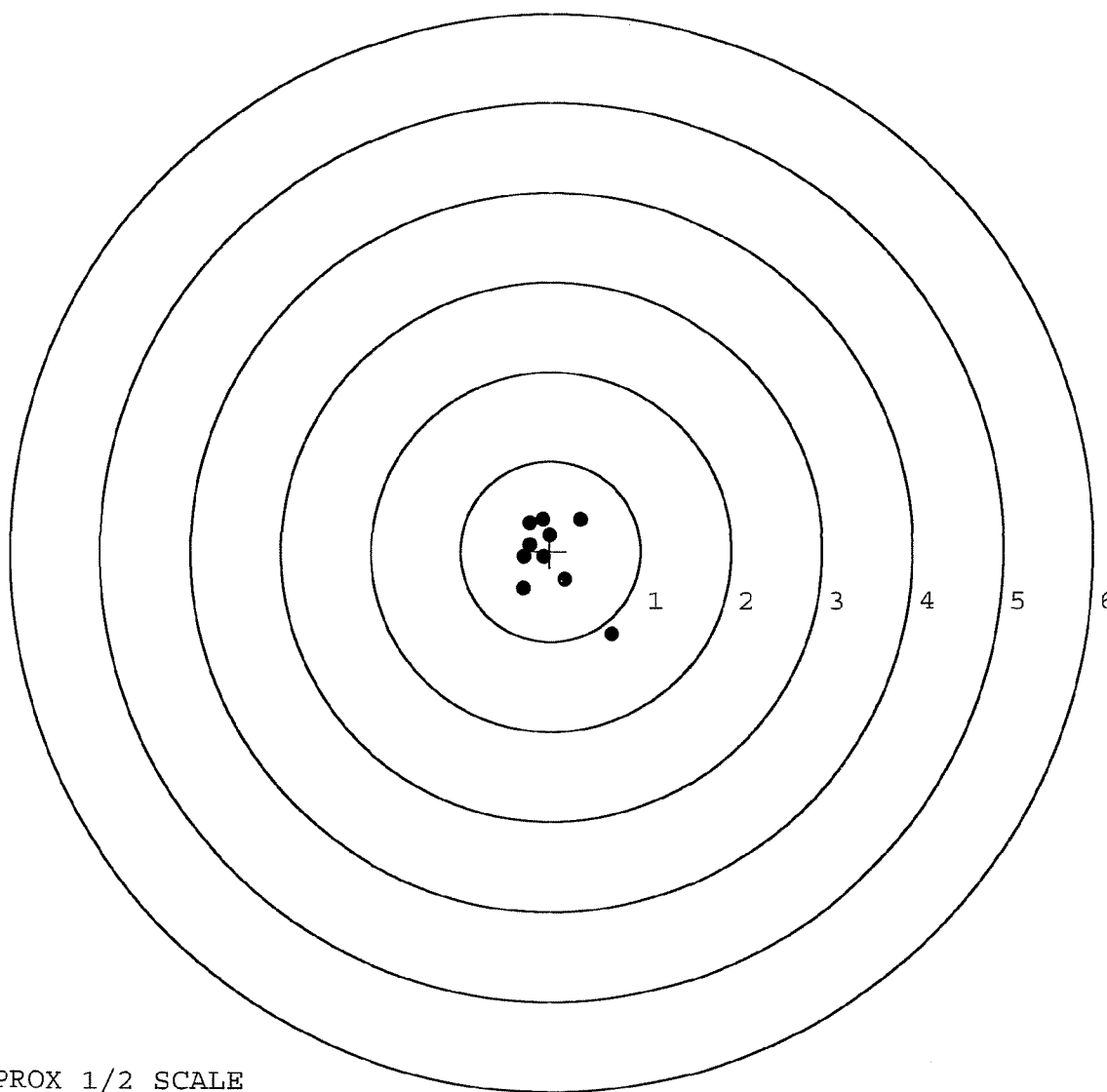
MAX RADIUS: 1.111

MEAN RADIUS: 0.411

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

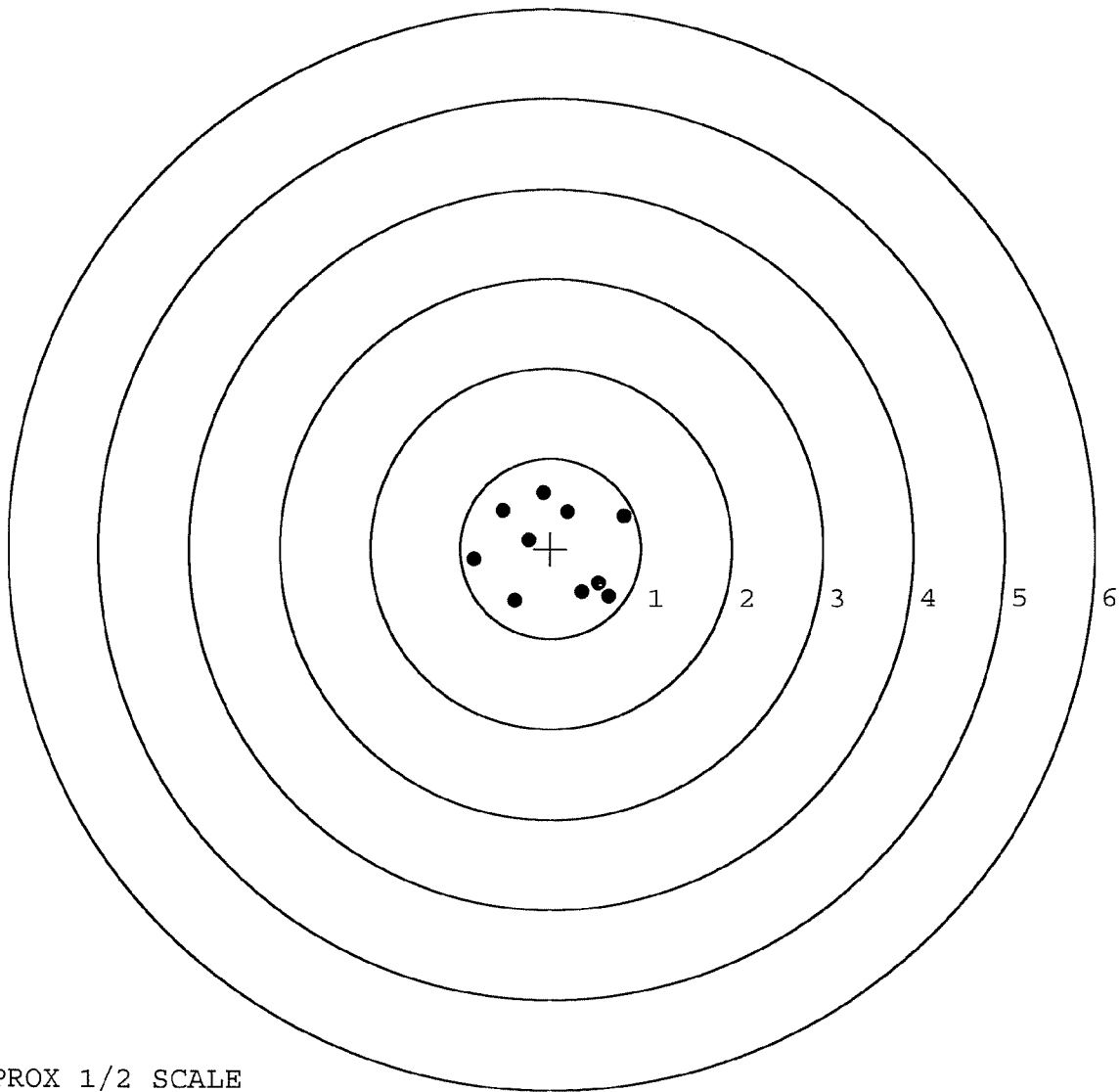


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523443. __0
TARGET NUMBER: 5
FILE DATE: 01/29/2003
FILE TIME: 15:30

X CENTROID: 0.042
Y CENTROID: -0.019
POA TO CENTROID: 0.046
HORZ SPREAD: 1.666
VERT SPREAD: 1.203
GROUP SPREAD: 1.736
MIN RADIUS: 0.306
MAX RADIUS: 0.901
MEAN RADIUS: 0.656
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.640	-0.531
2:	0.531	-0.382
3:	0.347	-0.486
4:	-0.394	-0.583
5:	-0.853	-0.123
6:	0.813	0.366
7:	0.191	0.411
8:	-0.086	0.620
9:	-0.529	0.423
10:	-0.242	0.095



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	00059324		
SERIAL NUMBER	C-6523443		
LOG-IN DATE	1-10-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-14-03	RW
560 A	RE-BARREL	1-14-03	DA
B	DRILL AND TAP	1-20-03	TRW
575	ASSEMBLE	1-15-03	RL
600	PROOF	1-16-03	RW
605	CHECK HEADSPACE	1-16-03	RW
610	DIS-ASSEMBLE GUN	1-16-03	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-21-03	JA
620	APPLY COATINGS	1-22	TA
625 A	FINAL ASSEMBLY	1/24/03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-28-03	AC
655	FINAL INSPECT	1-29-03	RTL
660	PACK	1-30-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		