

G686 3589

Replaces

G6535310

08/17/09 12:47:26

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: RE00172764

Serial: G6535310 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 8/10/2009 7:58:32 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USFPO FOR ARKANSAS BLDG 0318

USFPO 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

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fr. Sgt Base	1

Repair Search

Refresh

Close

neglet

8/17/2009

12:47 PM

CAPS

NUM

INS

SCL

start

1 Micros...

Amazon...

3 Micros...

Arms Serv...

Part Search...

NEW GUN...

Adobe Acr...

12:47 PM

G6863589

Serial Number: ~~G6535310~~

Model: M24 SWS



RE00172764

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER			
SERIAL NUMBER		<u>66535310 66863589</u>	
LOG-IN DATE		<u>8-10-09</u>	

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	SP
510	DRILL AND TAP	9-9-09	SP
500	ROLLMARK CALIBER	9/10/09	SP
520	GOFF BLAST BBL / REC	9/10	SP
530 & 540	APPLY COATINGS	9/16	L
560	FINAL ASSEMBLY	9-21-09	RTZ
640	FUNCTION TEST AND	9-22-09	SPD
650	TARGET	9-22-09	SPD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-22-09	RP
	A) HEADSPACE	9-24-09	TC
		9-24-09	TC
	B) TRIGGER PULL	2.51 2.47 2.59 2.63 2.62 9-24-09	TC
680	F) SAFETY ON FORCE	6.0 6.0 5.5 9-24-09	TC
	G) SAFETY OFF FORCE	4.0 4.0 4.0 9-24-09	TC
	I) FIRING PIN INDENT	.023 .023 .023 9-24-09	TC
690	PACK	9/24/09	TC

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863589.__0
FILE DATE AND TIME: 09/23/2009 07:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.012
The Average Y Centroid of the Five Target Set:	0.106
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.704
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.426
The Distance from Centroid Target #3 to Centroid Target #1:	0.059
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.106

SERIAL NUMBER: G6863589. __0

TARGET NUMBER: 1

FILE DATE: 09/23/2009

FILE TIME: 07:47

X CENTROID: 0.095

Y CENTROID: 0.041

POA TO CENTROID: 0.104

HORZ SPREAD: 1.386

VERT SPREAD: 1.611

GROUP SPREAD: 1.831

MIN RADIUS: 0.185

MAX RADIUS: 1.095

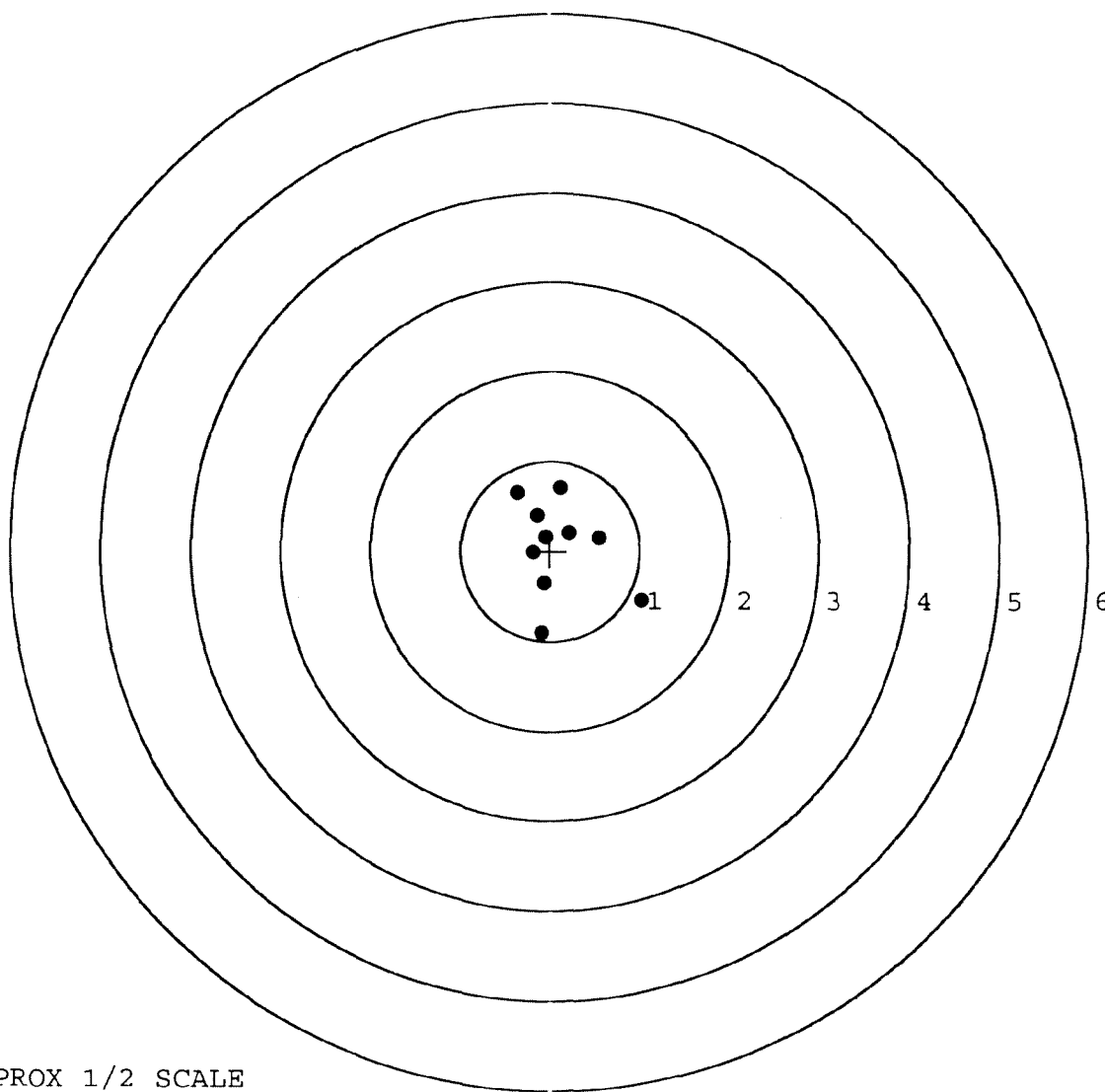
MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.018	-0.549
2:	-0.100	-0.910
3:	-0.070	-0.366
4:	0.543	0.152
5:	0.115	0.701
6:	-0.368	0.647
7:	-0.151	0.395
8:	0.208	0.203
9:	-0.049	0.156
10:	-0.192	-0.018

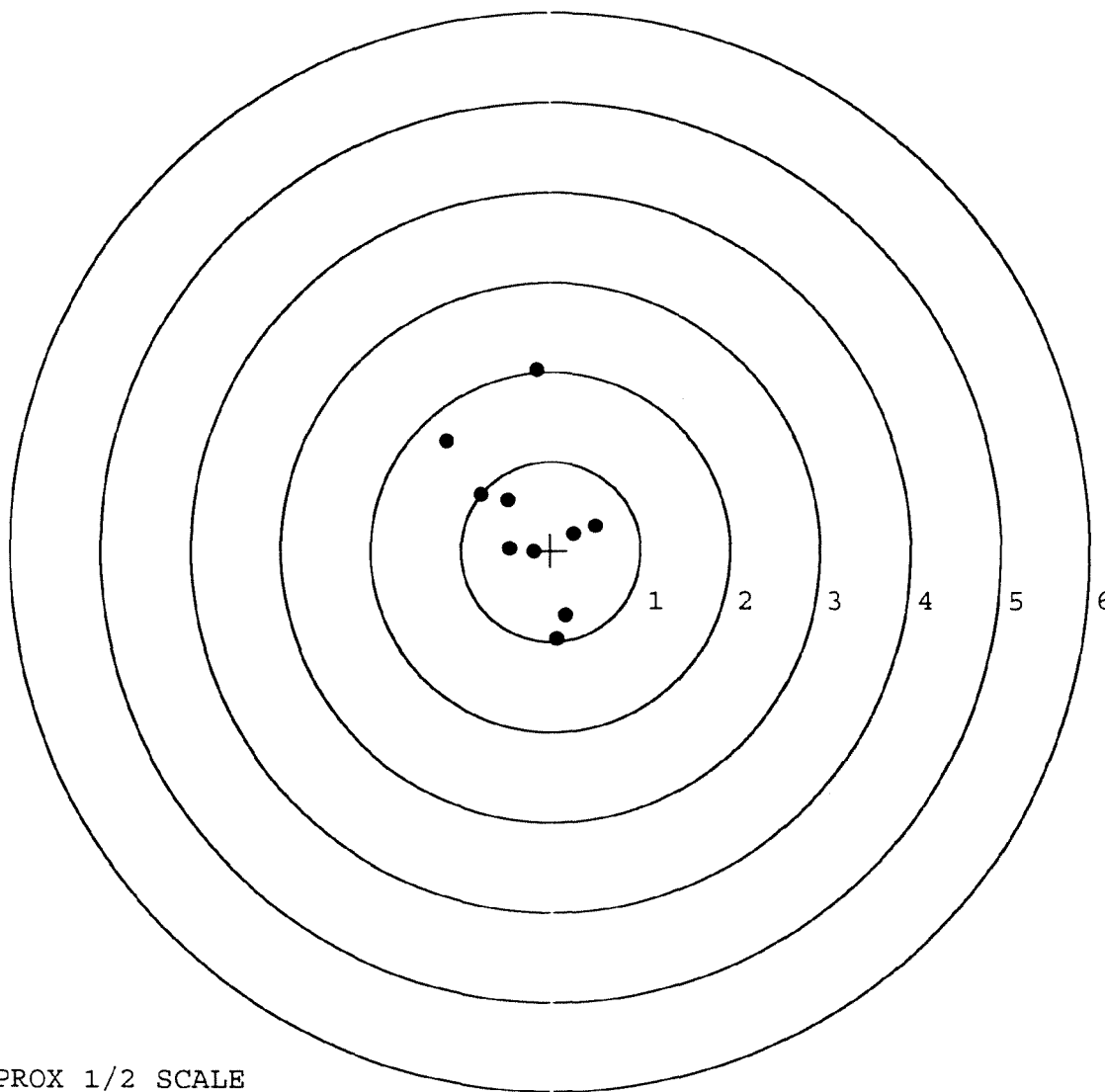


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. 0
TARGET NUMBER: 2
FILE DATE: 09/23/2009
FILE TIME: 07:47

X CENTROID: -0.224
Y CENTROID: 0.323
POA TO CENTROID: 0.394
HORZ SPREAD: 1.654
VERT SPREAD: 2.997
GROUP SPREAD: 3.005
MIN RADIUS: 0.343
MAX RADIUS: 1.701
MEAN RADIUS: 0.836
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.157	2.023
2:	-1.158	1.223
3:	-0.774	0.632
4:	-0.476	0.569
5:	-0.460	0.024
6:	-0.190	-0.018
7:	0.496	0.279
8:	0.252	0.192
9:	0.160	-0.716
10:	0.065	-0.974

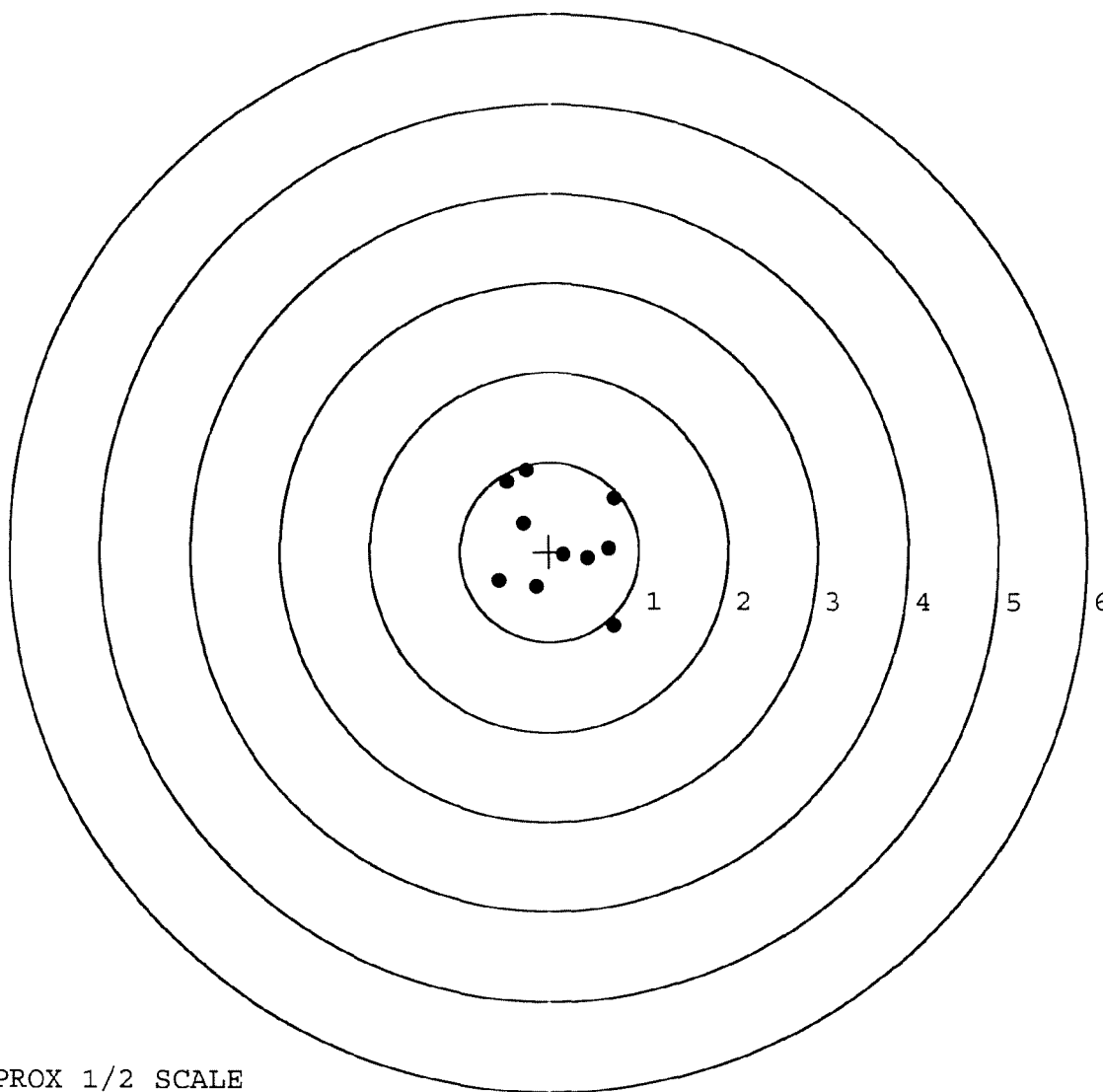


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. 0
TARGET NUMBER: 3
FILE DATE: 09/23/2009
FILE TIME: 07:47

X CENTROID: 0.094
Y CENTROID: 0.100
POA TO CENTROID: 0.137
HORZ SPREAD: 1.287
VERT SPREAD: 1.735
GROUP SPREAD: 2.000
MIN RADIUS: 0.153
MAX RADIUS: 1.112
MEAN RADIUS: 0.658
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.266	0.913
2:	-0.479	0.783
3:	-0.296	0.316
4:	-0.564	-0.325
5:	0.715	-0.822
6:	-0.148	-0.396
7:	0.160	-0.037
8:	0.429	-0.071
9:	0.664	0.043
10:	0.723	0.600

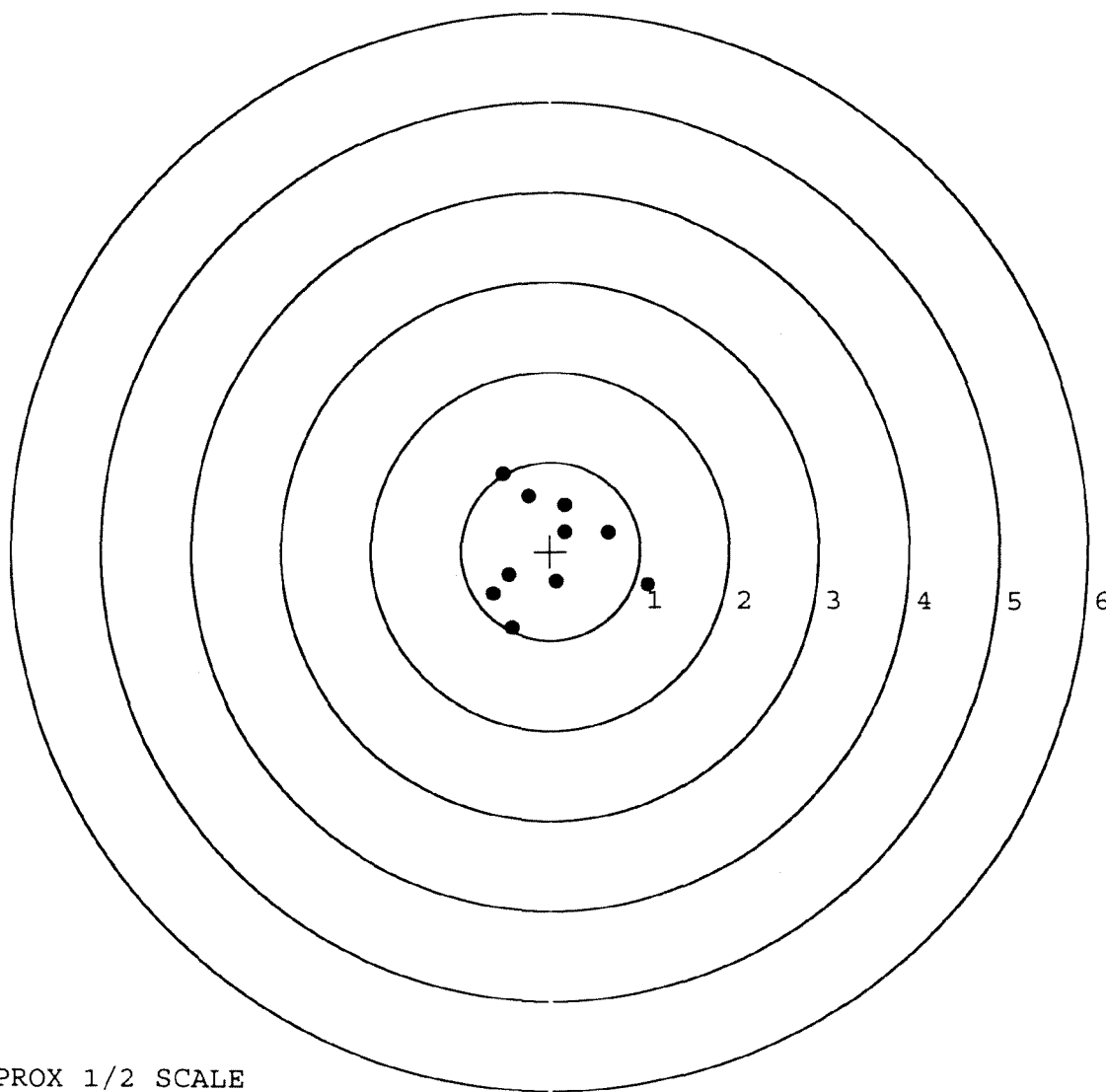


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. __0
TARGET NUMBER: 4
FILE DATE: 09/23/2009
FILE TIME: 07:47

X CENTROID: -0.019
Y CENTROID: 0.006
POA TO CENTROID: 0.020
HORZ SPREAD: 1.729
VERT SPREAD: 1.735
GROUP SPREAD: 2.042
MIN RADIUS: 0.274
MAX RADIUS: 1.175
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.527	0.862
2:	-0.249	0.619
3:	0.159	0.516
4:	0.159	0.215
5:	0.642	0.213
6:	1.090	-0.385
7:	0.073	-0.343
8:	-0.429	-0.873
9:	-0.639	-0.487
10:	-0.465	-0.278

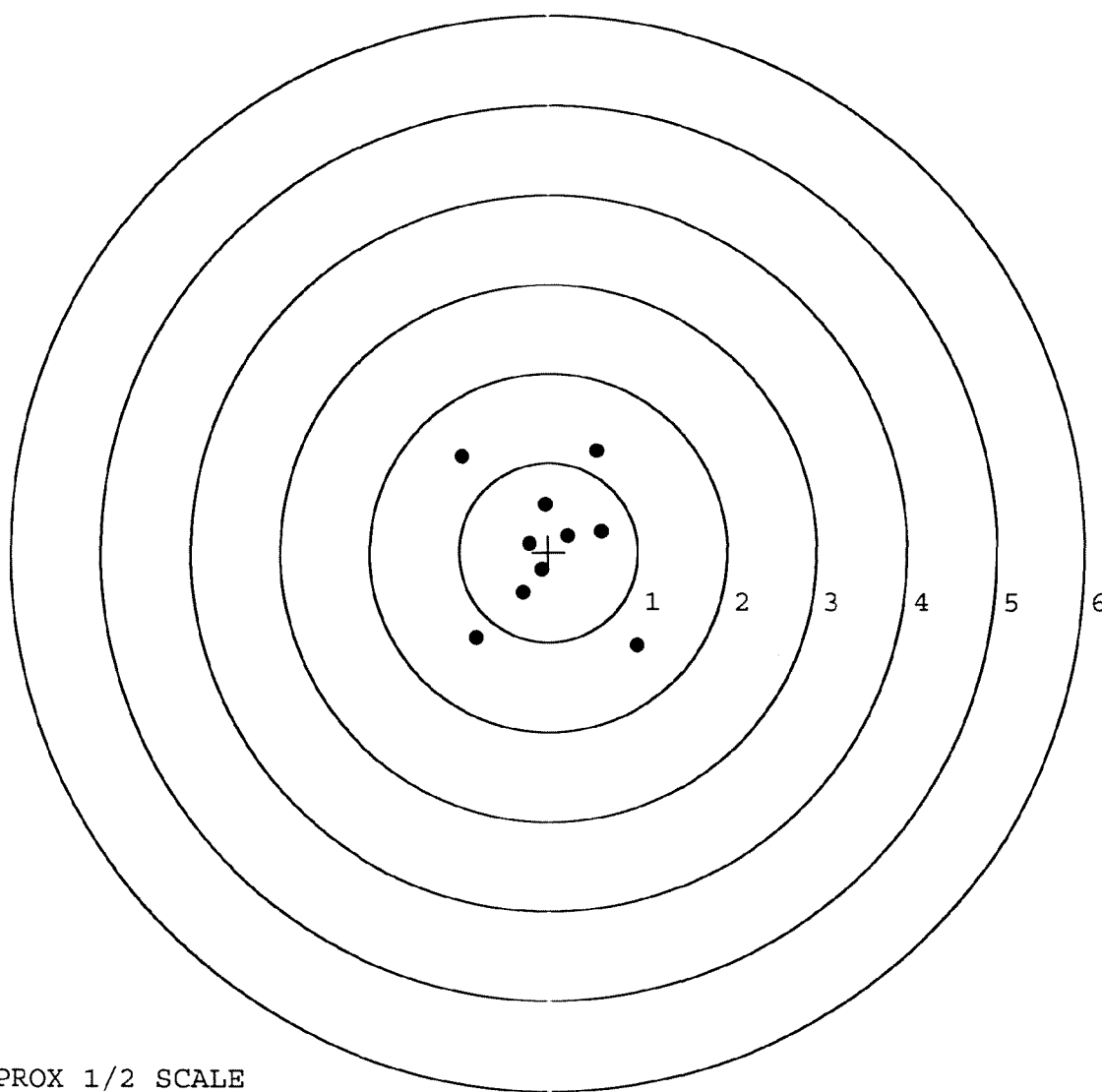


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. __0
TARGET NUMBER: 5
FILE DATE: 09/23/2009
FILE TIME: 07:47

X CENTROID: -0.008
Y CENTROID: 0.060
POA TO CENTROID: 0.061
HORZ SPREAD: 1.955
VERT SPREAD: 2.169
GROUP SPREAD: 2.875
MIN RADIUS: 0.217
MAX RADIUS: 1.485
MEAN RADIUS: 0.777
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.967	1.068
2:	0.534	1.129
3:	0.988	-1.040
4:	-0.810	-0.954
5:	-0.289	-0.447
6:	-0.074	-0.196
7:	-0.222	0.099
8:	-0.041	0.536
9:	0.208	0.183
10:	0.588	0.227



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: **RE00109528**

Serial: C6587744 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 3/7/2006 9:49:41 AM

Address Information

Customer: ☒ Received From Return-To: ☐ Received From

Name: **TRANSPORTATION OFFICER**

Address 1: **USPFO FOR ARKANSAS BLDG 318**

Address 2: **CAMP JOSEPH T ROBINSON** PO Box:

City: **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

naglei

3/7/2006

10:00 AM

CAPS

NUM

INS

SCRL

start

3 Micr...

Part Se...

Arms S...

3 Micr...

4 Int...

Adobe ...

10:00 AM

5310
G653 ~~5403~~ (New)
C6587744
Model: M24 SWS
RE00109528

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535310.___0
FILE DATE AND TIME: 03/22/2006 16:02

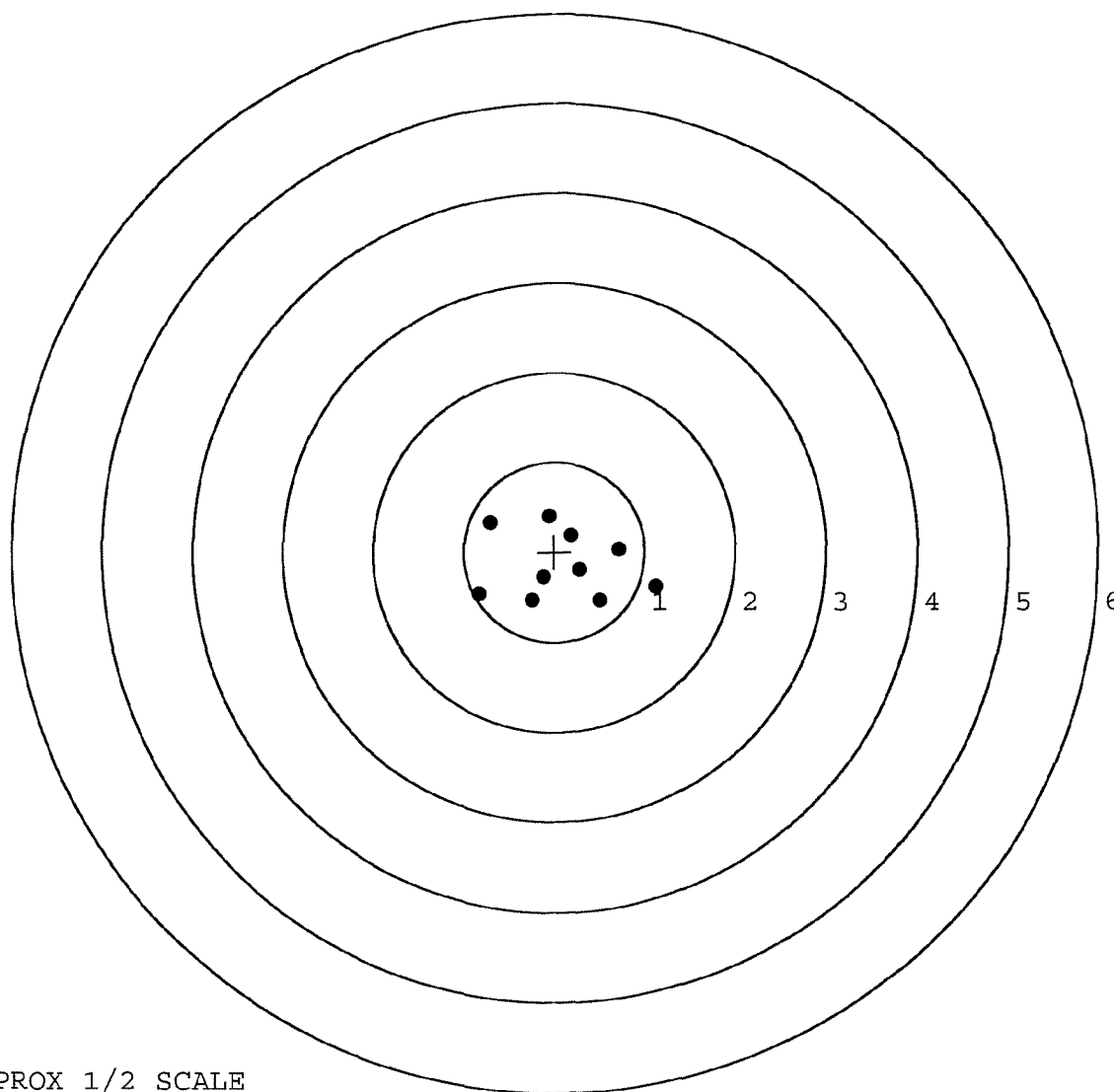
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.014
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.068
The Average Mean Radius of the Five Target Set:	0.743
The Distance from POA to Centroid Target #1:	0.169
The Distance from Centroid Target #2 to Centroid Target #1:	0.509
The Distance from Centroid Target #3 to Centroid Target #1:	0.239
The Distance from Centroid Target #4 to Centroid Target #1:	0.051
The Distance from Centroid Target #5 to Centroid Target #1:	0.047

SERIAL NUMBER: G6535310. __0
TARGET NUMBER: 1
FILE DATE: 03/22/2006
FILE TIME: 16:02

X CENTROID: 0.084
Y CENTROID: -0.147
POA TO CENTROID: 0.169
HORZ SPREAD: 1.953
VERT SPREAD: 0.937
GROUP SPREAD: 1.971
MIN RADIUS: 0.206
MAX RADIUS: 1.071
MEAN RADIUS: 0.606
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.121	-0.282
2:	-0.247	-0.534
3:	0.284	-0.197
4:	0.506	-0.537
5:	-0.709	0.327
6:	-0.827	-0.464
7:	-0.065	0.400
8:	0.180	0.181
9:	0.714	0.028
10:	1.126	-0.393

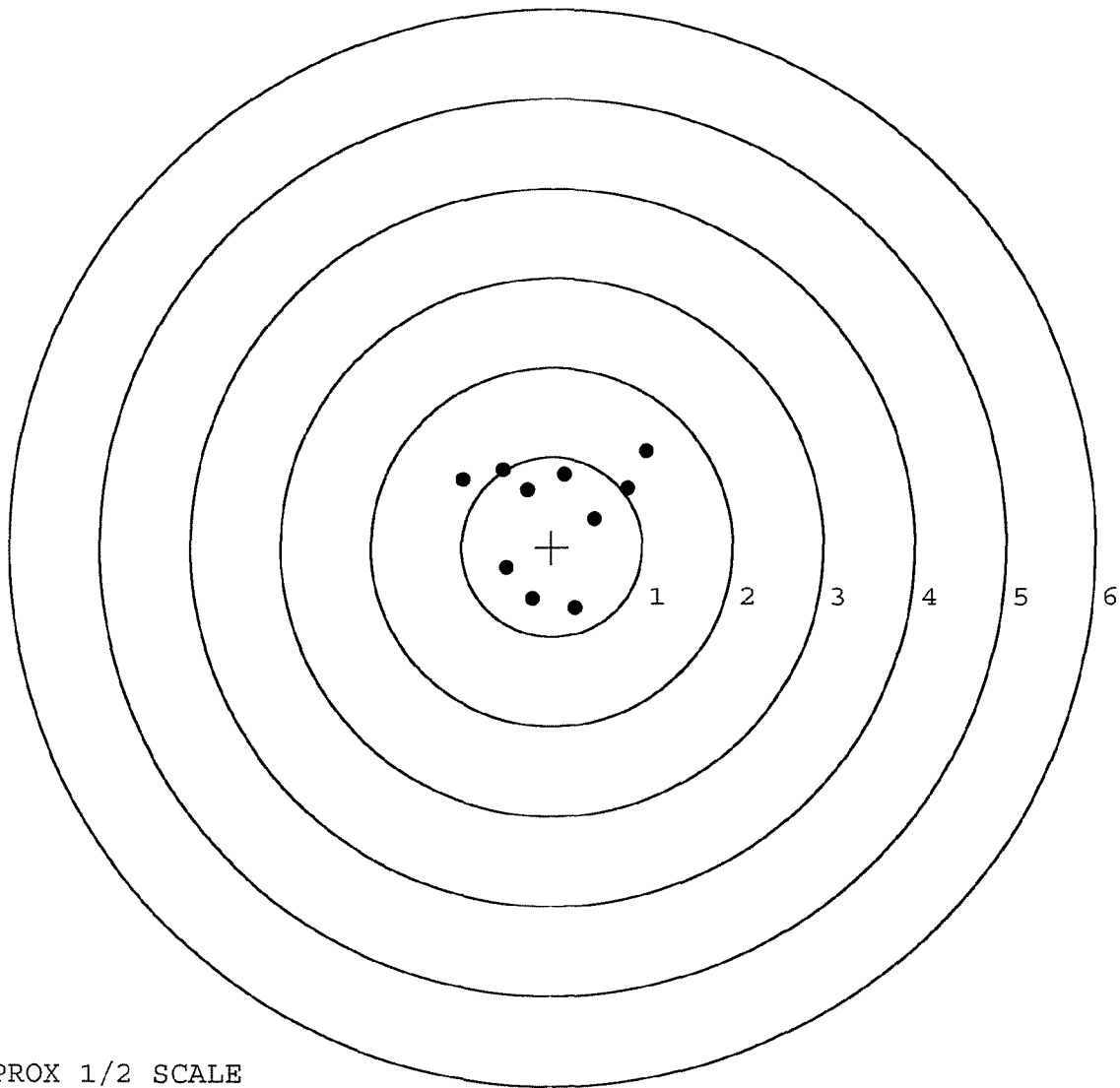


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. __0
TARGET NUMBER: 2
FILE DATE: 03/22/2006
FILE TIME: 16:02

X CENTROID: 0.021
Y CENTROID: 0.357
POA TO CENTROID: 0.358
HORZ SPREAD: 2.028
VERT SPREAD: 1.750
GROUP SPREAD: 2.075
MIN RADIUS: 0.410
MAX RADIUS: 1.242
MEAN RADIUS: 0.810
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.505	-0.233
2:	-0.219	-0.583
3:	0.259	-0.686
4:	0.472	0.314
5:	0.837	0.658
6:	1.043	1.064
7:	-0.546	0.856
8:	-0.985	0.744
9:	-0.279	0.637
10:	0.134	0.804

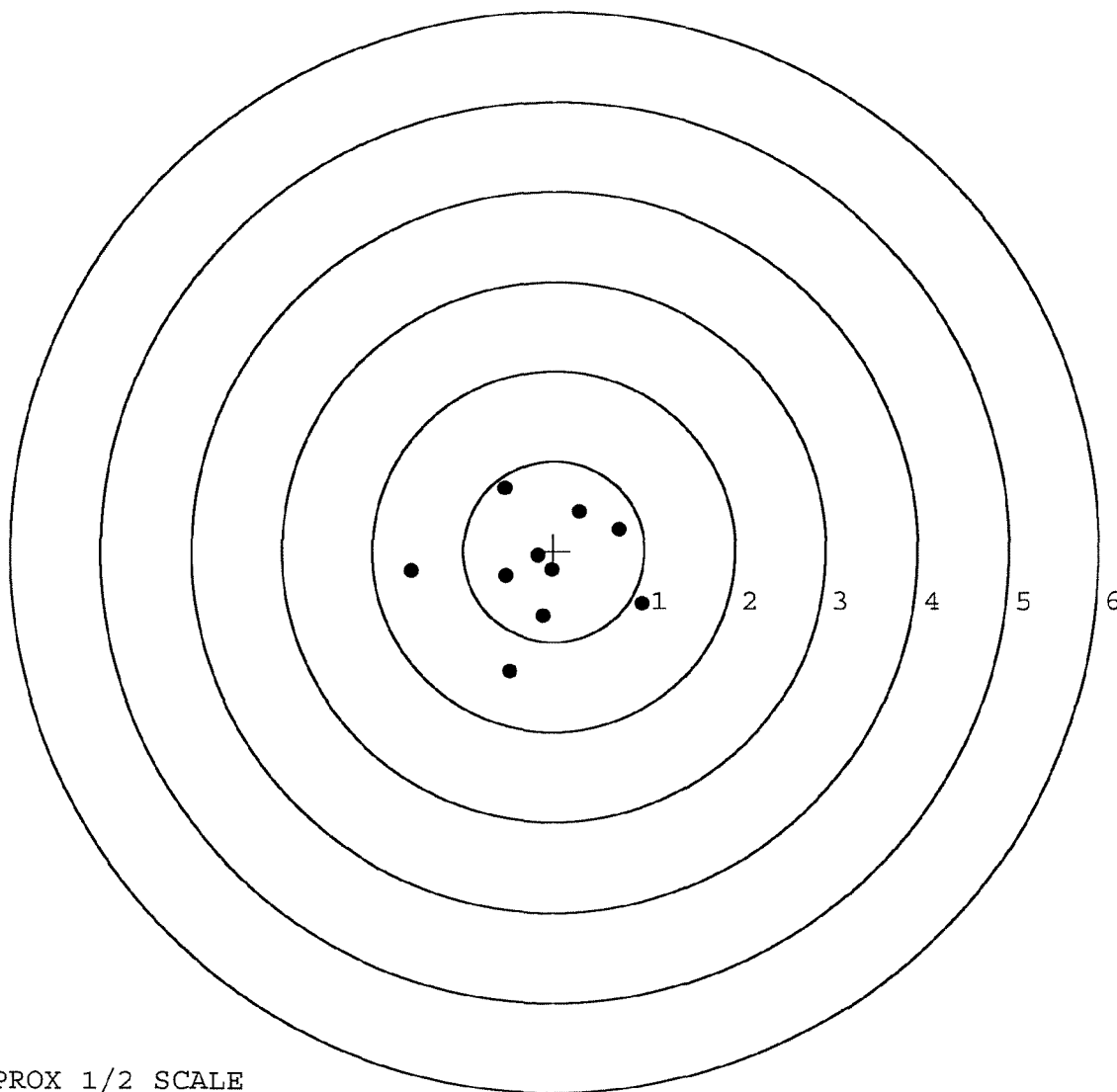


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. 0
TARGET NUMBER: 3
FILE DATE: 03/22/2006
FILE TIME: 16:02

X CENTROID: -0.148
Y CENTROID: -0.203
POA TO CENTROID: 0.251
HORZ SPREAD: 2.549
VERT SPREAD: 2.035
GROUP SPREAD: 2.575
MIN RADIUS: 0.127
MAX RADIUS: 1.425
MEAN RADIUS: 0.771
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.175	-0.048
2:	-0.021	-0.210
3:	-0.531	-0.275
4:	-0.120	-0.715
5:	-0.490	-1.338
6:	-1.573	-0.222
7:	-0.543	0.697
8:	0.278	0.436
9:	0.720	0.234
10:	0.976	-0.586

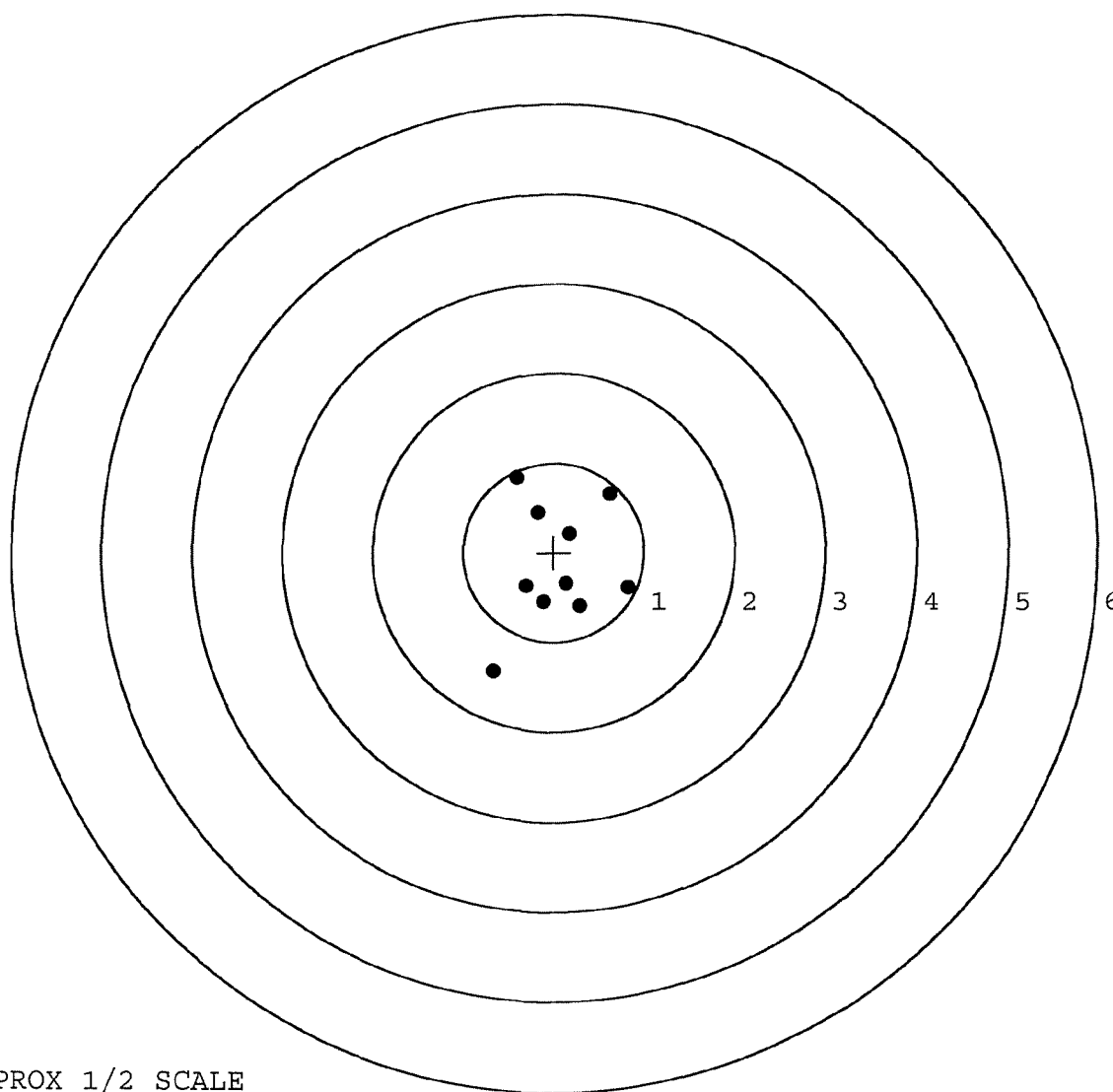


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. 0
TARGET NUMBER: 4
FILE DATE: 03/22/2006
FILE TIME: 16:02

X CENTROID: 0.033
Y CENTROID: -0.145
POA TO CENTROID: 0.149
HORZ SPREAD: 1.491
VERT SPREAD: 2.167
GROUP SPREAD: 2.365
MIN RADIUS: 0.226
MAX RADIUS: 1.375
MEAN RADIUS: 0.689
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.417	0.839
2:	-0.181	0.449
3:	0.167	0.209
4:	0.824	-0.398
5:	0.616	0.659
6:	-0.667	-1.328
7:	-0.313	-0.374
8:	-0.120	-0.556
9:	0.135	-0.347
10:	0.290	-0.603

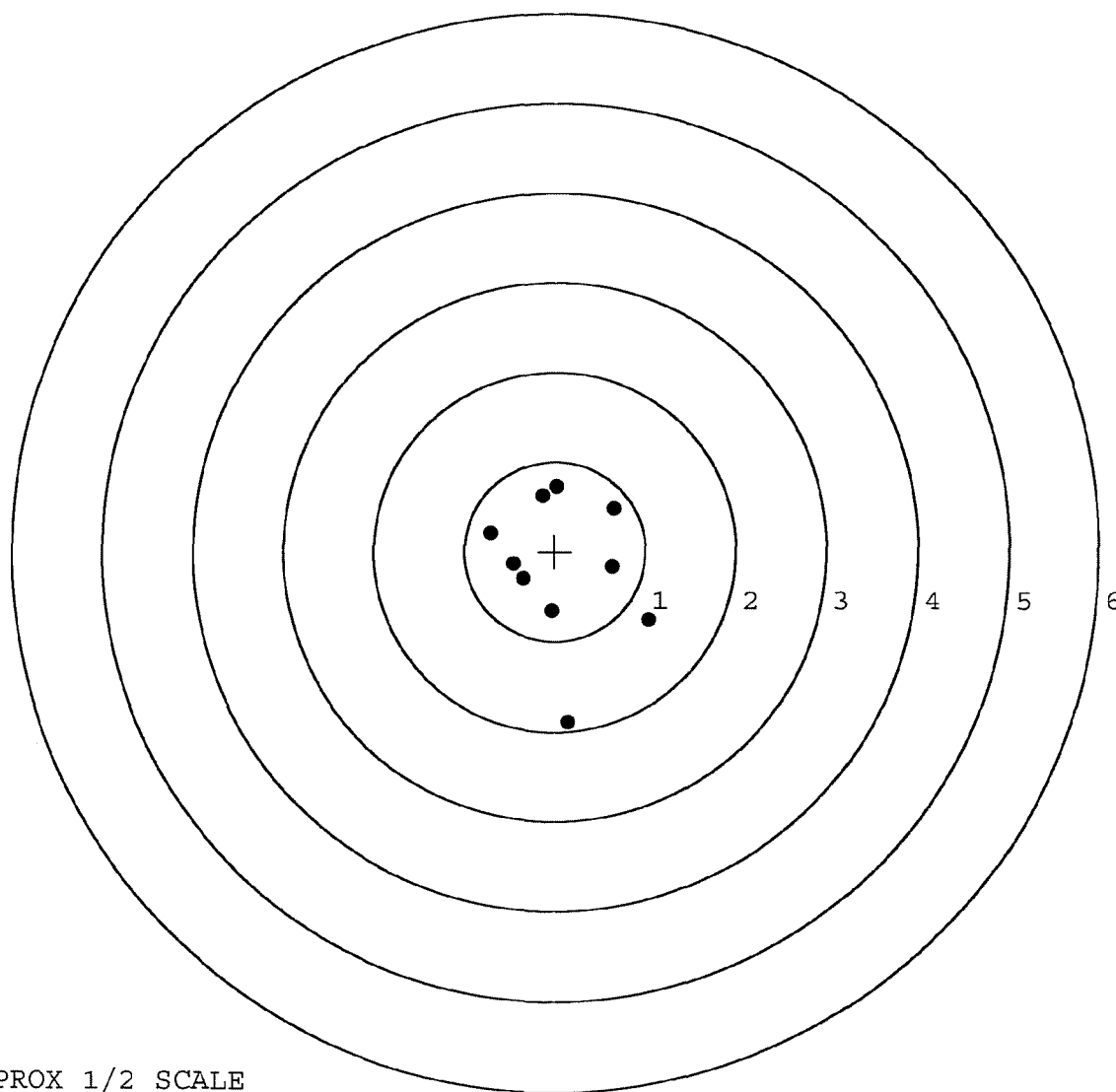


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. __0
TARGET NUMBER: 5
FILE DATE: 03/22/2006
FILE TIME: 16:02

X CENTROID: 0.079
Y CENTROID: -0.194
POA TO CENTROID: 0.210
HORZ SPREAD: 1.744
VERT SPREAD: 2.626
GROUP SPREAD: 2.629
MIN RADIUS: 0.443
MAX RADIUS: 1.707
MEAN RADIUS: 0.839
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.143	0.622
2:	0.015	0.726
3:	0.651	0.477
4:	0.639	-0.180
5:	1.037	-0.767
6:	0.148	-1.900
7:	-0.040	-0.669
8:	-0.349	-0.307
9:	-0.459	-0.145
10:	-0.707	0.203



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	109528		5310
SERIAL NUMBER	C6587744 C6535403 (New)		
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 MAGNA-FLUX INSPECTED	3-15-06	mjm
605	CHECK HEADSPACE	3-15-06	mjm
610	DIS-ASSEMBLE GUN	3-17-06	RTZ
612	MAGNA-FLUX OPERATOR	3-20-06	ADD
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	3-23-06	AC
C	SAFETY "ON" FORCE	3-23-06	AC
D	SAFETY "OFF" FORCE	3-23-06	AC
E	FIRING PIN INDENT	3-23-06	AC
640	TARGET	3-23-06	L.P.A.
655	FINAL INSPECT	3-23-06	AC
660	PACK	4-6-06	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Repair Inquiry

Repair Number: RE00068094

Serial: C6587744 Model 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 7/28/2003 11:16:08 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

6:00 AM

4:00 PM

Arms Se...

My Exit

Malfunction

2:00 PM

Part Sea

12:47 PM

Serial Number: C6587744

Model: 700



RE00068094

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587744.___0

FILE DATE AND TIME: 08/20/2003 06:34

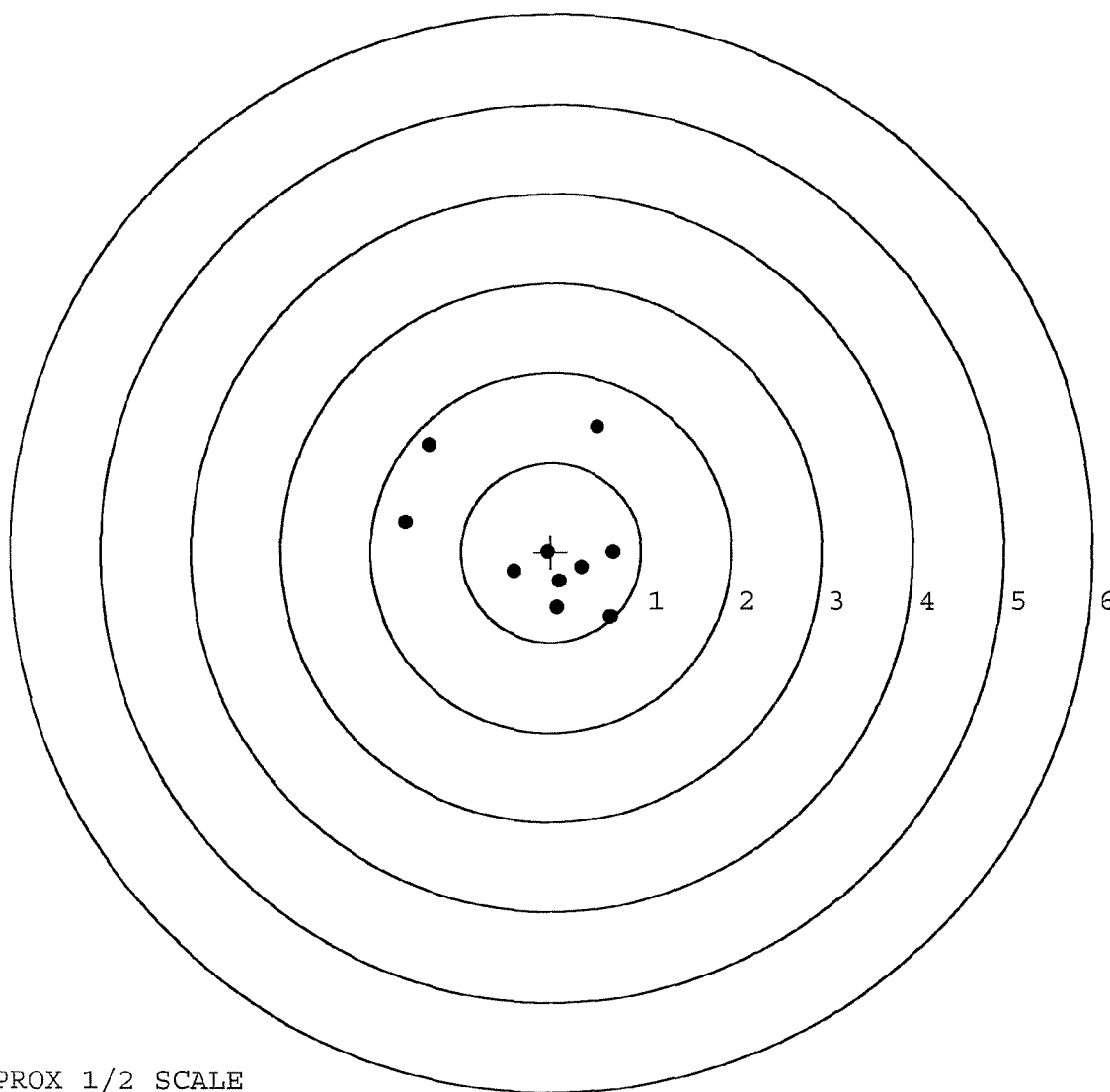
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.127
The Average Y Centroid of the Five Target Set:	0.036
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.735
The Distance from POA to Centroid Target #1:	0.138
The Distance from Centroid Target #2 to Centroid Target #1:	0.051
The Distance from Centroid Target #3 to Centroid Target #1:	0.170
The Distance from Centroid Target #4 to Centroid Target #1:	0.207
The Distance from Centroid Target #5 to Centroid Target #1:	0.056

SERIAL NUMBER: C6587744. __0
TARGET NUMBER: 1
FILE DATE: 08/20/2003
FILE TIME: 06:34

X CENTROID: -0.108
Y CENTROID: 0.085
POA TO CENTROID: 0.138
HORZ SPREAD: 2.312
VERT SPREAD: 2.130
GROUP SPREAD: 2.779
MIN RADIUS: 0.111
MAX RADIUS: 1.668
MEAN RADIUS: 0.883
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.657	-0.724
2:	0.693	-0.001
3:	0.510	1.406
4:	-1.357	1.191
5:	-1.619	0.333
6:	-0.418	-0.218
7:	-0.042	-0.003
8:	0.064	-0.622
9:	0.093	-0.332
10:	0.336	-0.175



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. 0

TARGET NUMBER: 2

FILE DATE: 08/20/2003

FILE TIME: 06:34

X CENTROID: -0.062

Y CENTROID: 0.064

POA TO CENTROID: 0.089

HORZ SPREAD: 2.188

VERT SPREAD: 1.553

GROUP SPREAD: 2.455

MIN RADIUS: 0.427

MAX RADIUS: 1.565

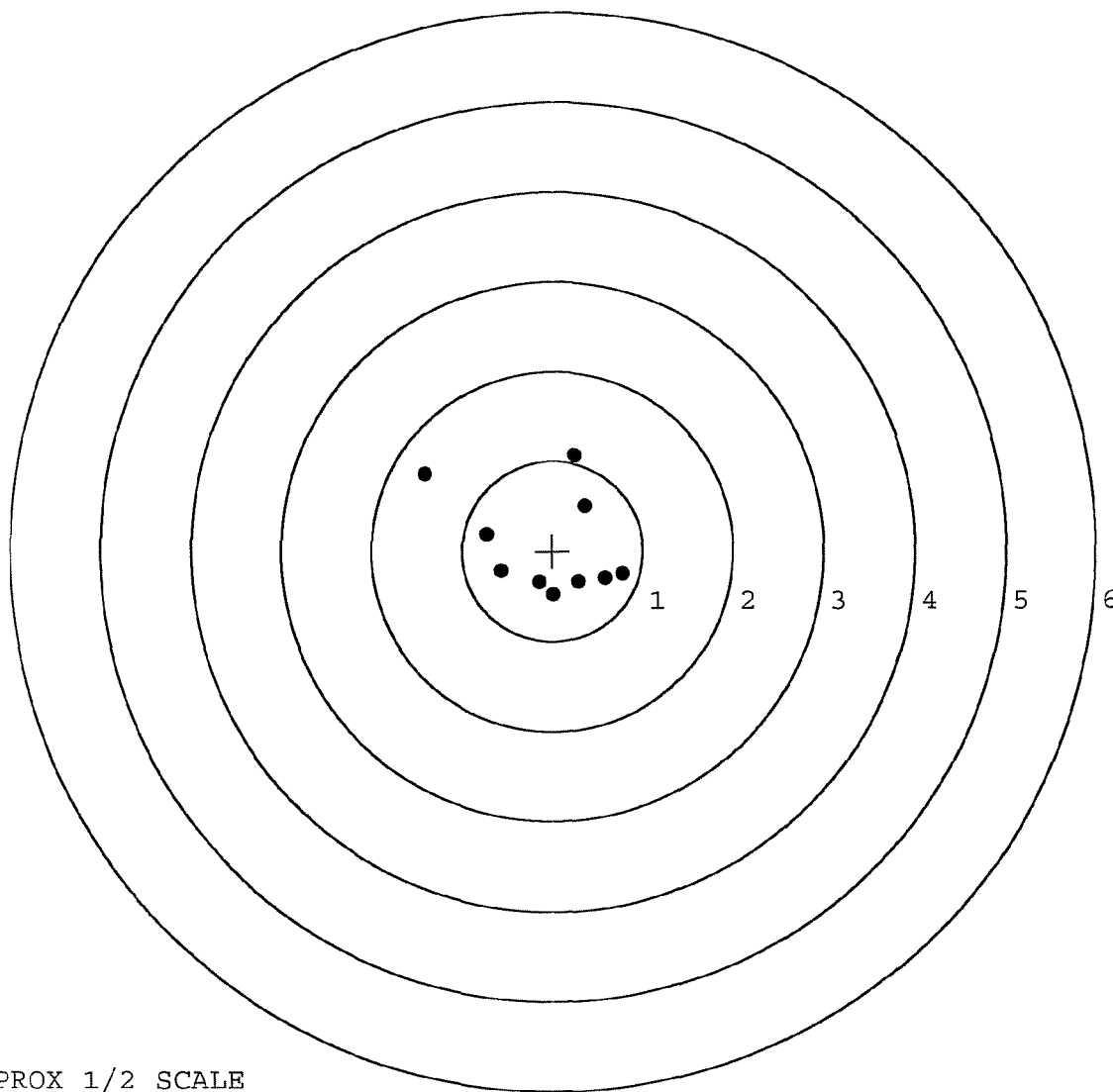
MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

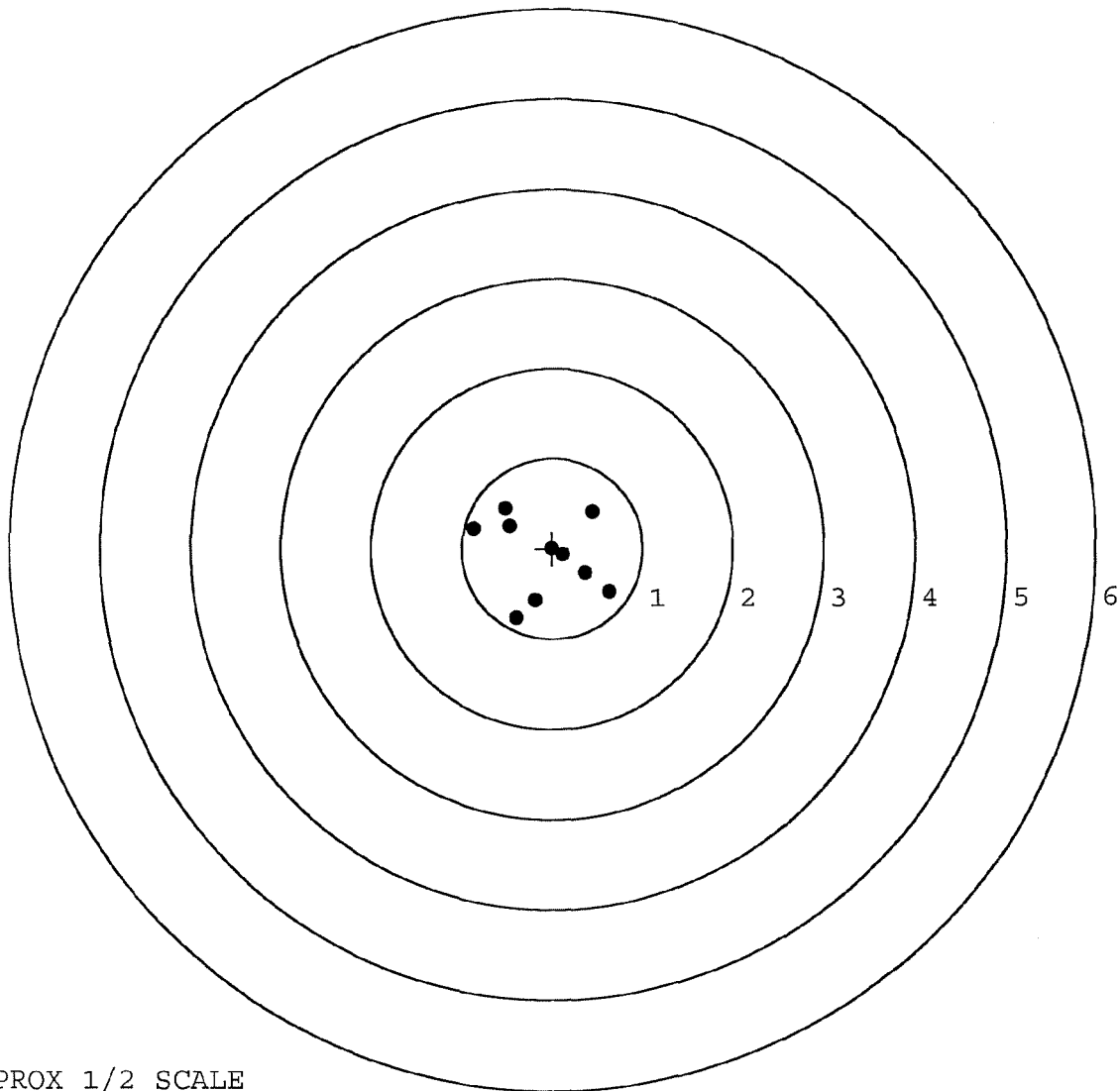
POINT#	X	Y
1:	-0.731	0.189
2:	-1.412	0.856
3:	0.354	0.505
4:	0.244	1.062
5:	-0.572	-0.223
6:	-0.153	-0.353
7:	0.009	-0.491
8:	0.288	-0.341
9:	0.776	-0.258
10:	0.581	-0.301



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. __0
TARGET NUMBER: 3
FILE DATE: 08/20/2003
FILE TIME: 06:34

	POINT#	X	Y
	1:	0.633	-0.482
	2:	0.365	-0.273
	3:	-0.194	-0.580
	4:	-0.405	-0.769
X CENTROID:	5:	0.443	0.413
Y CENTROID:	6:	0.117	-0.072
POA TO CENTROID:	7:	-0.007	-0.003
HORZ SPREAD:	8:	-0.523	0.450
VERT SPREAD:	9:	-0.868	0.228
GROUP SPREAD:	10:	-0.475	0.254
MIN RADIUS:		0.117	
MAX RADIUS:		0.837	
MEAN RADIUS:		0.567	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	

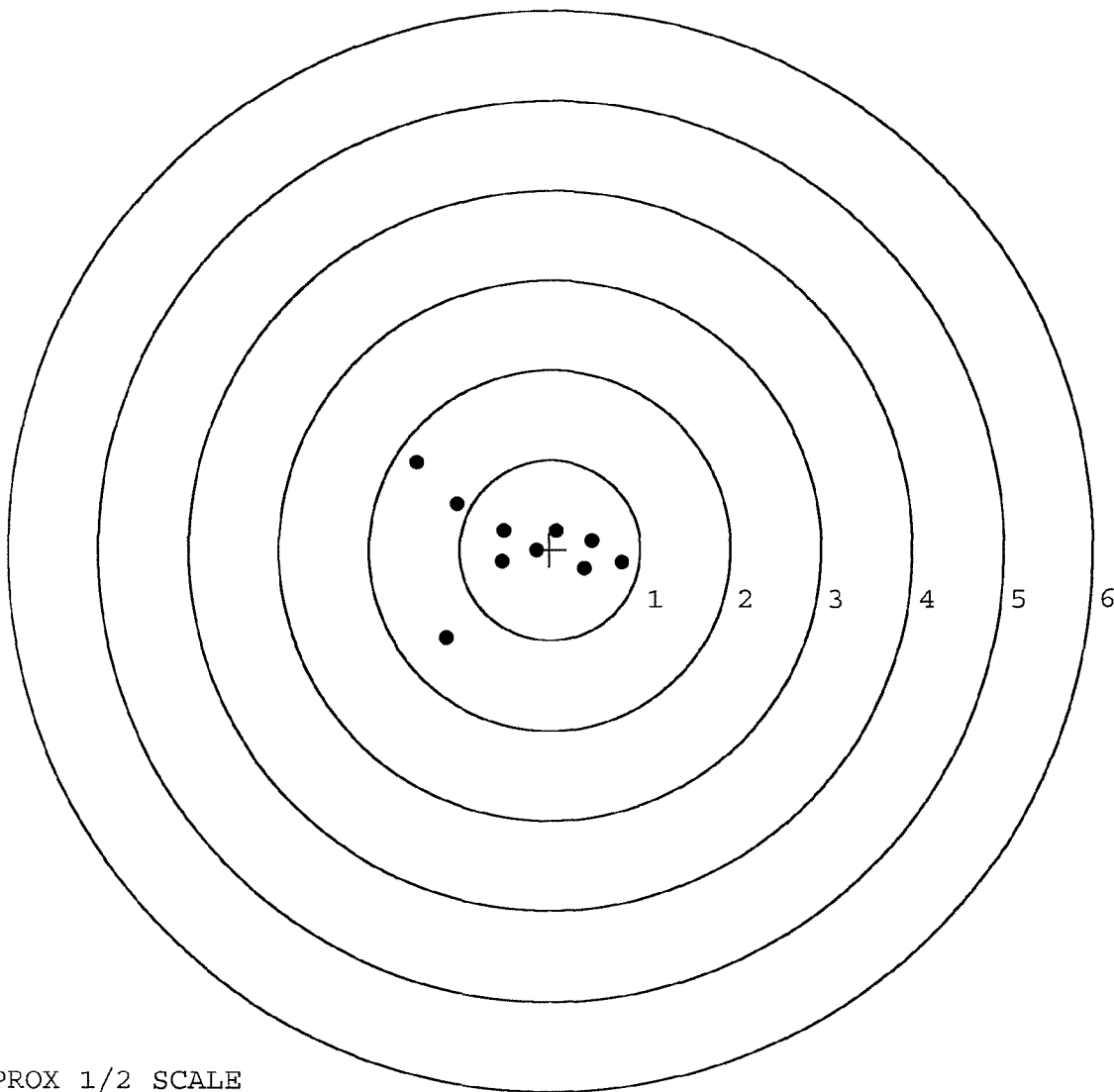


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. __0
TARGET NUMBER: 4
FILE DATE: 08/20/2003
FILE TIME: 06:34

X CENTROID: -0.313
Y CENTROID: 0.055
POA TO CENTROID: 0.318
HORZ SPREAD: 2.265
VERT SPREAD: 1.963
GROUP SPREAD: 2.528
MIN RADIUS: 0.171
MAX RADIUS: 1.482
MEAN RADIUS: 0.746
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.151	-0.983
2:	-1.030	0.510
3:	-1.470	0.980
4:	-0.533	-0.128
5:	-0.517	0.214
6:	-0.153	-0.007
7:	0.079	0.212
8:	0.471	0.103
9:	0.795	-0.142
10:	0.380	-0.212

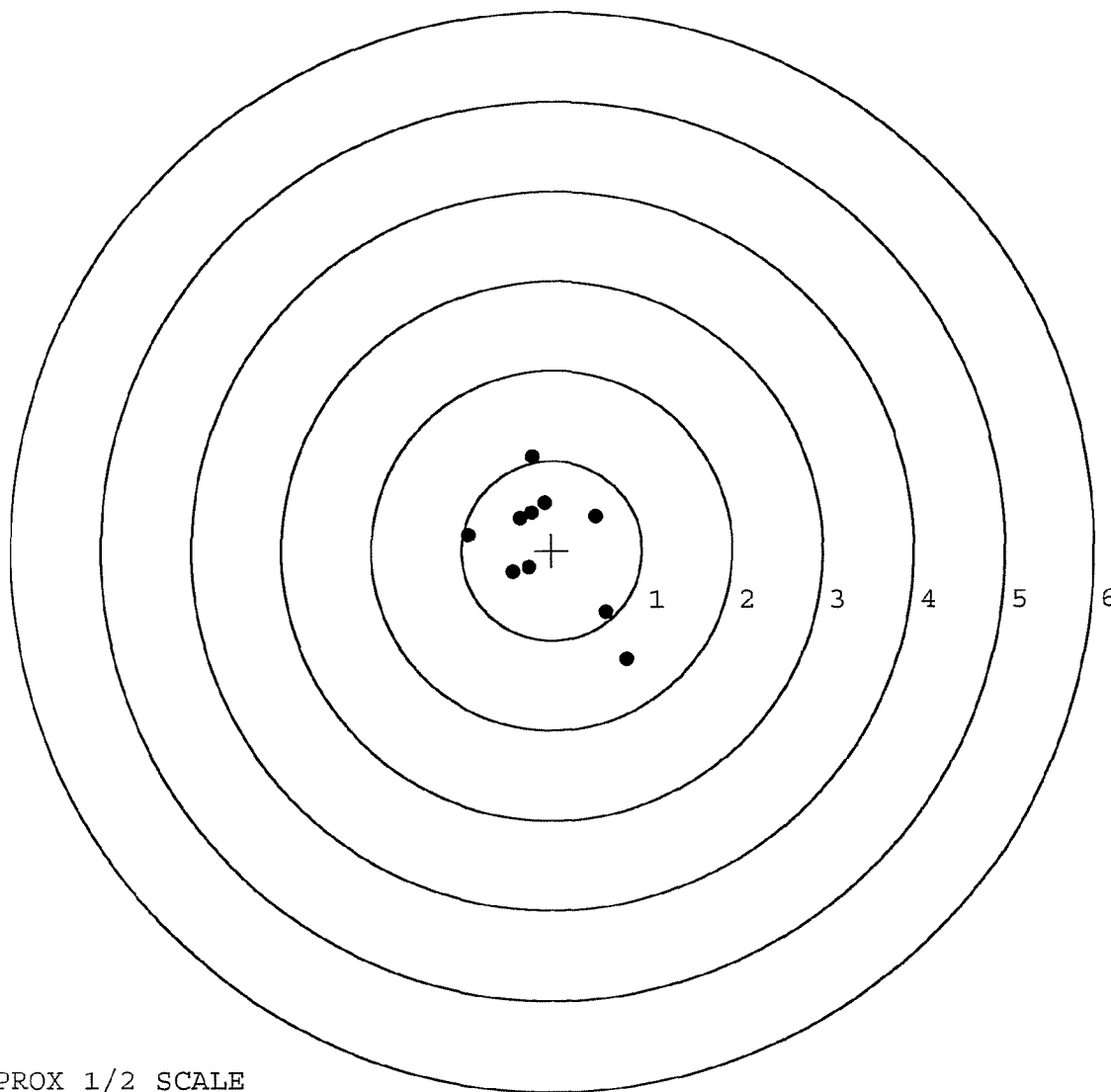


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. 0
TARGET NUMBER: 5
FILE DATE: 08/20/2003
FILE TIME: 06:34

X CENTROID: -0.059
Y CENTROID: 0.058
POA TO CENTROID: 0.083
HORZ SPREAD: 1.763
VERT SPREAD: 2.262
GROUP SPREAD: 2.494
MIN RADIUS: 0.314
MAX RADIUS: 1.556
MEAN RADIUS: 0.716
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.830	-1.219
2:	0.598	-0.693
3:	0.483	0.383
4:	-0.220	1.043
5:	-0.082	0.527
6:	-0.227	0.424
7:	-0.354	0.363
8:	-0.256	-0.188
9:	-0.434	-0.240
10:	-0.933	0.175



TARGET APPROX 1/2 SCALE

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

SERIAL # C658 7744 INSPECTED BY: RTL

DATE REC'D: 7-28-03 DATE RET'D: 8-20-03

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:

R & E NUMBER	68094		
SERIAL NUMBER	C6587744		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-31-03	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	AK
605	CHECK HEADSPACE	8-11-03	AK
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX RATOR		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TA
625 A	FINAL ASSEMBLY	8-19-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-20-03	AK
655	FINAL INSPECT	8-20-03	RTL
660	PACK	8-25-03	SA
		SHIP DATE	
QAR INSPECTION DATE			

Remington



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

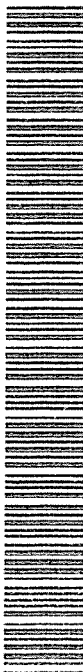
MODEL 700™ H24

SERIAL NO.
C6587744

ORDER NO.
5716

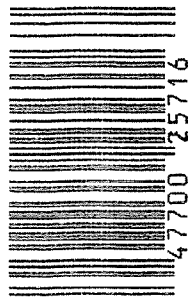
01

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



5716 C6587744

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587744

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/18/90	KJ
600	Proof		10/18/90	KJ
607	Check Headspace		10/18/90	KJ
610	Dis-assemble Gun		10/18/90	KJ
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	YJ
617	Drill and Tap Sight Holes		10/27/90	WB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-6-90	JA
	Apply Coating (Bolt)		11-6-90	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11-6-90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-6-90	KS
	C) Inspect Ejector Hole for Chamfer		11-6-90	KS
	D) Oil Firing Pin Ass'y		11-6-90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/13/90	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.3/4	5.3/4	5.0			11/7/90	KS
	G) Safety Off Force	3.0	3.25	3.5			11/7/90	KS
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.020	.020			11/7/90	KS
	J) Assemble Stock						11/13/90	KS
	K) Assemble Swivel Studs						11-19-90	D/H
	L) Attach Front and Rear Sight Assemblies						11/13/90	KS
	M) Iron Sight Alignment						11/13/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/13/90	KS
	O) Attach Scope to Rifle						11/13/90	KS
	P) Detach & Attach Scope 20 Times						11/13/90	KS
640	Gallery Target & Test						11/14/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11/14/90	NF
655	Final Inspection							
	A) Headspace						11-19-90	D/H
	B) Trigger Pull	2.52	2.68	2.65	2.73	2.56	11-19-90	D/H
	C) Function						11-19-90	D/H
660	Pack						12-18-90	D/H

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587744
DATE 13 AUG 90
TESTER Q28

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	214	236	244	252	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	227	229	247	268	
PULL #3	218	251	244	265	
PULL #4	209	232	246	273	
PULL #5	221	238	241	256	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	307	310		
PULL #2	304	315		
PULL #3	310	380		
PULL #4	305	310		
PULL #5	298	302		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	418	414		429
PULL #2	408	411		413
PULL #3	413	408		425
PULL #4	409	419		408
PULL #5	401	424		413
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587744
15 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.0740608
1 TO 2	.201437
1 TO 3	.164575
1 TO 4	.278173
1 TO 5	.234703



-----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0482
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0482415
THE AMP FOR THIS RIFLE IS: .9372

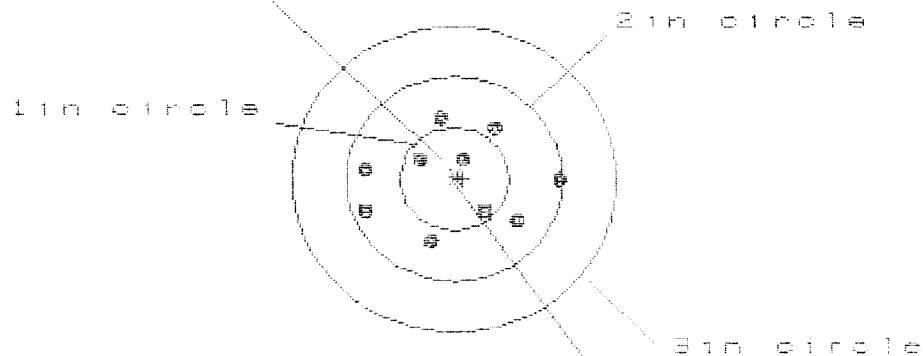
15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587744

CENTERFIRE PATTERNS

1

POB



OF SHOTS - 10

IN CIR

1in = 3

2in = 3

3in = 10

HS = 1.888

VS = 1.184

GS = 1.838

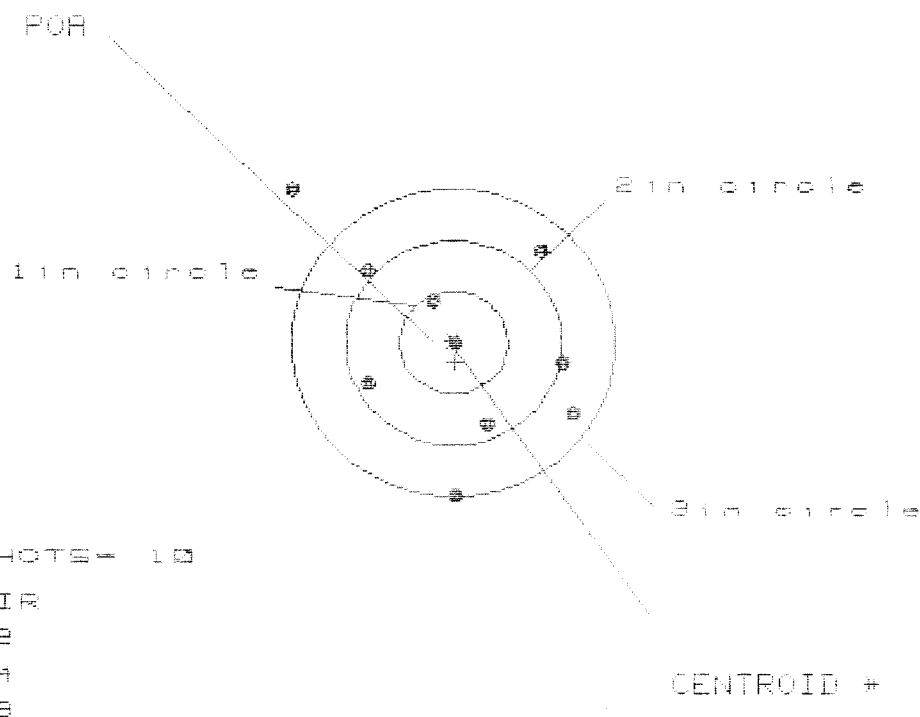
CENTROID +

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.011	.725	.640
MINIMUM X	-.824	-.712	-.797
MAXIMUM Y	.582	.579	.543
MINIMUM Y	-.602	-.605	-.641
CENTROID X	-.074	-.186	-.101
CENTROID Y	.003	.006	.042
POB TO CENTROID in.	.074	.187	.109
MIN RADIUS	.243	.295	.217
MEAN RADIUS	.629	.580	.549
MAX RADIUS	1.011	.829	.798
HORIZONTAL SPREAD	1.835	1.437	1.437
VERTICAL SPREAD	1.184	1.184	1.184
EXTREME SPREAD	1.838	1.515	1.515
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 9		
NUMBER IN THREE INCH CIRCLE	= 10		

15 Nov 1998

FILE: \PATTERNING\CENTERFIRE_PATT\08587744

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.512

VS= 2.996

GS= 3.370

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.068

.907

.886

MINIMUM X

-1.444

-.961

-.982

MAXIMUM Y

1.508

1.060

.895

MINIMUM Y

-1.488

-1.321

-1.770

CENTROID X

-.010

.151

.172

CENTROID Y

.194

.027

.192

POB TO CENTROID in.

.195

.153

.258

MIN RADIUS

.048

.277

.206

MEAN RADIUS

1.038

.927

.860

MAX RADIUS

2.088

1.332

1.170

HORIZONTAL SPREAD

2.512

1.868

1.868

VERTICAL SPREAD

2.996

2.381

1.665

EXTREME SPREAD

3.370

2.527

2.320

NUMBER IN ONE INCH CIRCLE

2

NUMBER IN TWO INCH CIRCLE

4

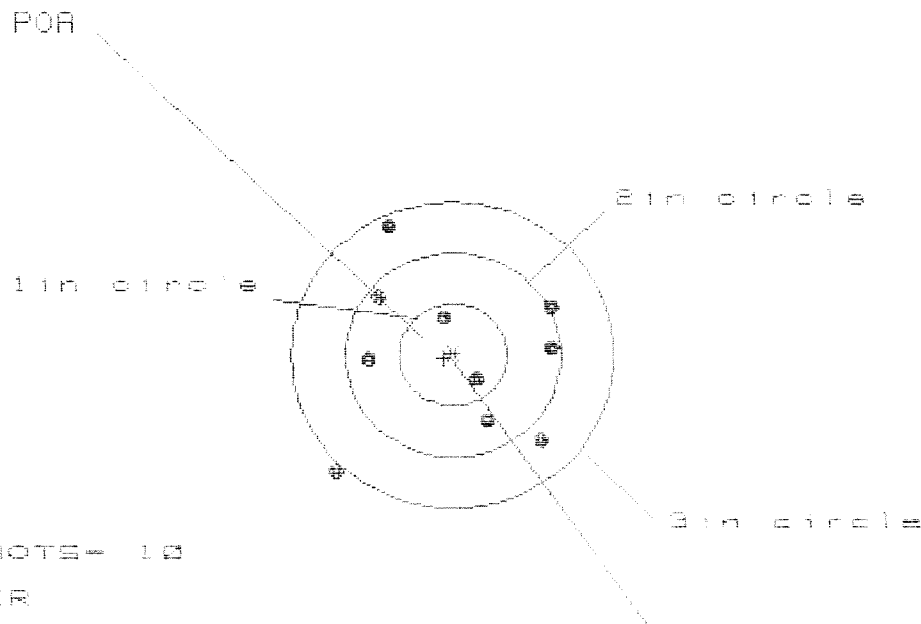
NUMBER IN THREE INCH CIRCLE

9

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587744

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

ME = 1.994

VE = 2.409

GE = 2.617

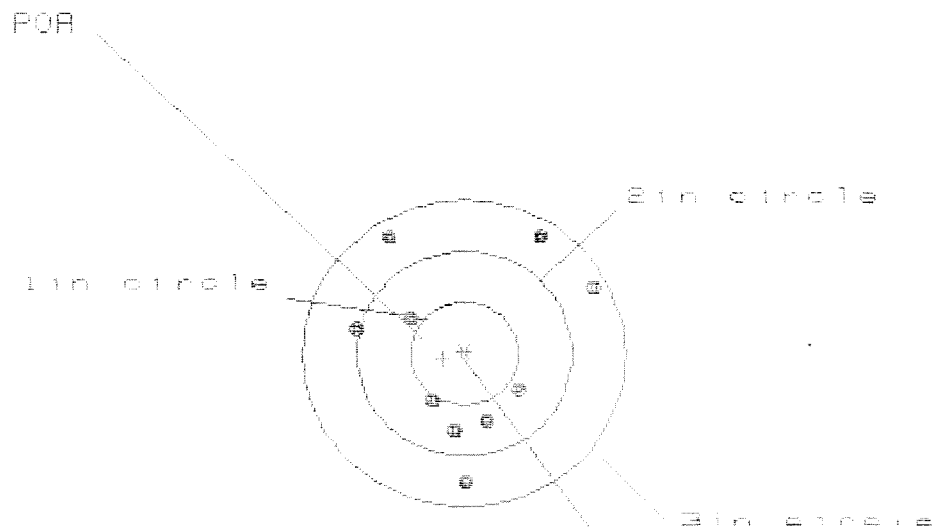
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.935	.818	.729
MINIMUM X	:	-1.059	-.857	-.946
MAXIMUM Y	:	1.228	1.097	.614
MINIMUM Y	:	-1.181	-.935	-.798
CENTROID X	:	.088	.205	.294
CENTROID Y	:	.032	.163	.026
POR TO CENTROID in.	:	.093	.262	.295
MIN RADIUS	:	.334	.313	.222
MEAN RADIUS	:	.904	.816	.734
MAX RADIUS	:	1.586	1.307	1.060
HORIZONTAL SPREAD	:	1.994	1.675	1.675
VERTICAL SPREAD	:	2.409	2.032	1.412
EXTREME SPREAD	:	2.617	2.450	2.012
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8582744

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.180

VS= 2.458

GS= 2.559

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.198	1.117	.750
MINIMUM X	-.983	-1.063	-.923
MAXIMUM Y	1.188	1.284	1.379
MINIMUM Y	-1.270	-1.138	-1.044
CENTROID X	.200	.280	.141
CENTROID Y	.051	-.081	-.175
PQR TO CENTROID in.	.206	.292	.225
MIN RADIUS	.569	.500	.366
MEAN RADIUS	.958	.883	.790
MAX RADIUS	1.392	1.422	1.569
HORIZONTAL SPREAD	2.180	2.180	1.673
VERTICAL SPREAD	2.458	2.422	2.422
EXTREME SPREAD	2.559	2.522	2.522
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587744

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

+ OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.092

VS = 3.283

CS = 3.327

CENTROID +

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.910	.905	.757
MINIMUM X	-1.182	-1.187	-1.085
MAXIMUM Y	1.951	1.564	1.461
MINIMUM Y	-1.332	-1.115	-1.218
CENTROID X	.037	.042	.190
CENTROID Y	-.270	-.487	-.384
POA TO CENTROID in.	.272	.488	.428
MIN RADIUS	.388	.200	.242
MEAN RADIUS	1.157	1.045	.973
MAX RADIUS	1.951	1.622	1.488
HORIZONTAL SPREAD	2.092	2.092	1.842
VERTICAL SPREAD	3.283	2.679	2.679
EXTREME SPREAD	3.327	2.884	2.752
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

SWS TRIGGER PULL TEST

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

SERIAL NO. _____

DATE 9-15-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.53	2.56		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.55	2.71		
PULL #3	2.51	2.45	2.66		
PULL #4	2.54	2.62	2.68		
PULL #5	2.58	2.66	2.71		
TOTAL	12.79	12.81	13.32		
AVG.	2.55	2.56	2.66		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.09		
PULL #2	3.12	3.17		
PULL #3	3.10	3.02		
PULL #4	3.18	3.13		
PULL #5	3.20	3.19		
TOTAL	15.64	15.60		
AVG.	3.12	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.02	4.04	
PULL #2	4.00	4.07	3.94	
PULL #3	4.15	4.14	3.95	
PULL #4	4.17	4.15	3.90	
PULL #5	4.00	4.25	4.00	
TOTAL	20.50	20.63	19.83	
AVG.	4.10	4.12	3.96	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587744

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5 3/4			12/14	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			12/14	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	2.51	2.63	2.63	2.67	2.70	12/14	WB
	C) Function							
660	Pack							