

C6587604

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: RE00140437

Serial: C6587604 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 1/23/2008 5:34:01 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: 2125TH ARMS ROOM GARRISON SUPPORT UNIT

2125TH ARMS ROOM GARRISON SUPPORT UNIT

Address 1: PRATT STREET AND GORHAM STREET

PRATT STREET AND GORHAM STREET

Address 2: ATTN: KENNETH THOMAS PO Box:

ATTN: KENNETH THOMAS

PO Box:

City: FT BRAGG

FT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

nagletj

1/23/2008

1:07 PM

NUM

Serial Number:

C6587604

Model: M24 SWS



RE00140437

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587604. __0

FILE DATE AND TIME: 02/12/2008 06:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	-0.129
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.898
The Distance from POA to Centroid Target #1:	0.087
The Distance from Centroid Target #2 to Centroid Target #1:	0.307
The Distance from Centroid Target #3 to Centroid Target #1:	0.105
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.032

SERIAL NUMBER: C6587604. __0

TARGET NUMBER: 1

FILE DATE: 02/12/2008

FILE TIME: 06:40

POINT#	X	Y
--------	---	---

1:	0.694	-1.208
----	-------	--------

2:	0.901	-0.809
----	-------	--------

3:	0.498	-0.349
----	-------	--------

4:	1.009	-0.268
----	-------	--------

5:	0.232	0.215
----	-------	-------

6:	-0.210	0.882
----	--------	-------

7:	-0.561	0.361
----	--------	-------

8:	-0.681	0.083
----	--------	-------

9:	-0.885	0.017
----	--------	-------

10:	-1.286	0.260
-----	--------	-------

X CENTROID: -0.029

Y CENTROID: -0.082

POA TO CENTROID: 0.087

HORZ SPREAD: 2.295

VERT SPREAD: 2.090

GROUP SPREAD: 2.465

MIN RADIUS: 0.395

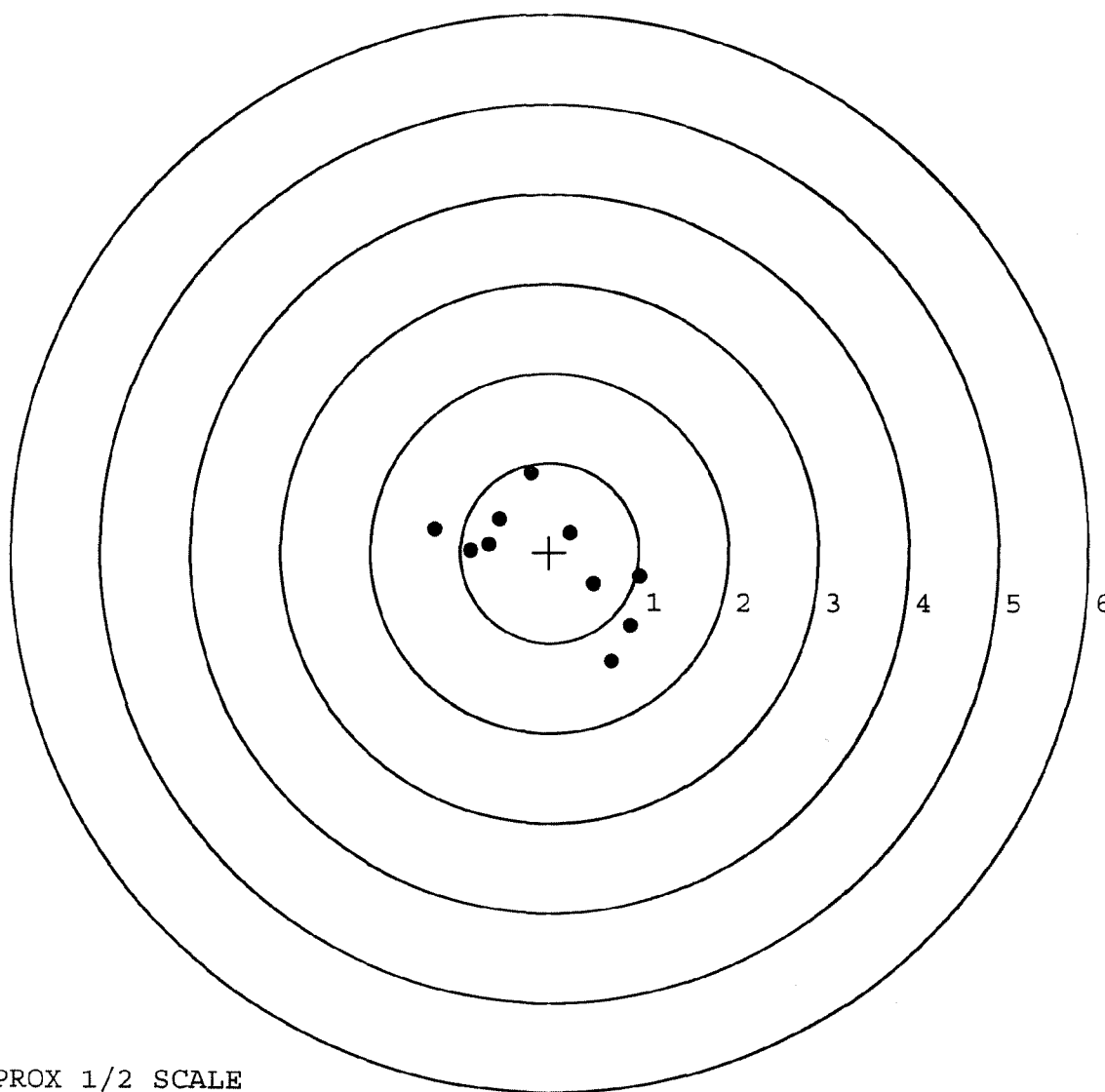
MAX RADIUS: 1.338

MEAN RADIUS: 0.907

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604. __0

TARGET NUMBER: 2

FILE DATE: 02/12/2008

FILE TIME: 06:40

POINT#	X	Y
1:	0.812	-0.575
2:	-0.117	-0.522
3:	0.556	0.072
4:	0.392	0.677
5:	0.215	0.973
6:	0.004	0.864
7:	-0.287	0.536
8:	-0.734	-1.165
9:	-0.047	-2.020
10:	1.037	-1.879

X CENTROID: 0.183

Y CENTROID: -0.304

POA TO CENTROID: 0.355

HORZ SPREAD: 1.771

VERT SPREAD: 2.993

GROUP SPREAD: 2.968

MIN RADIUS: 0.371

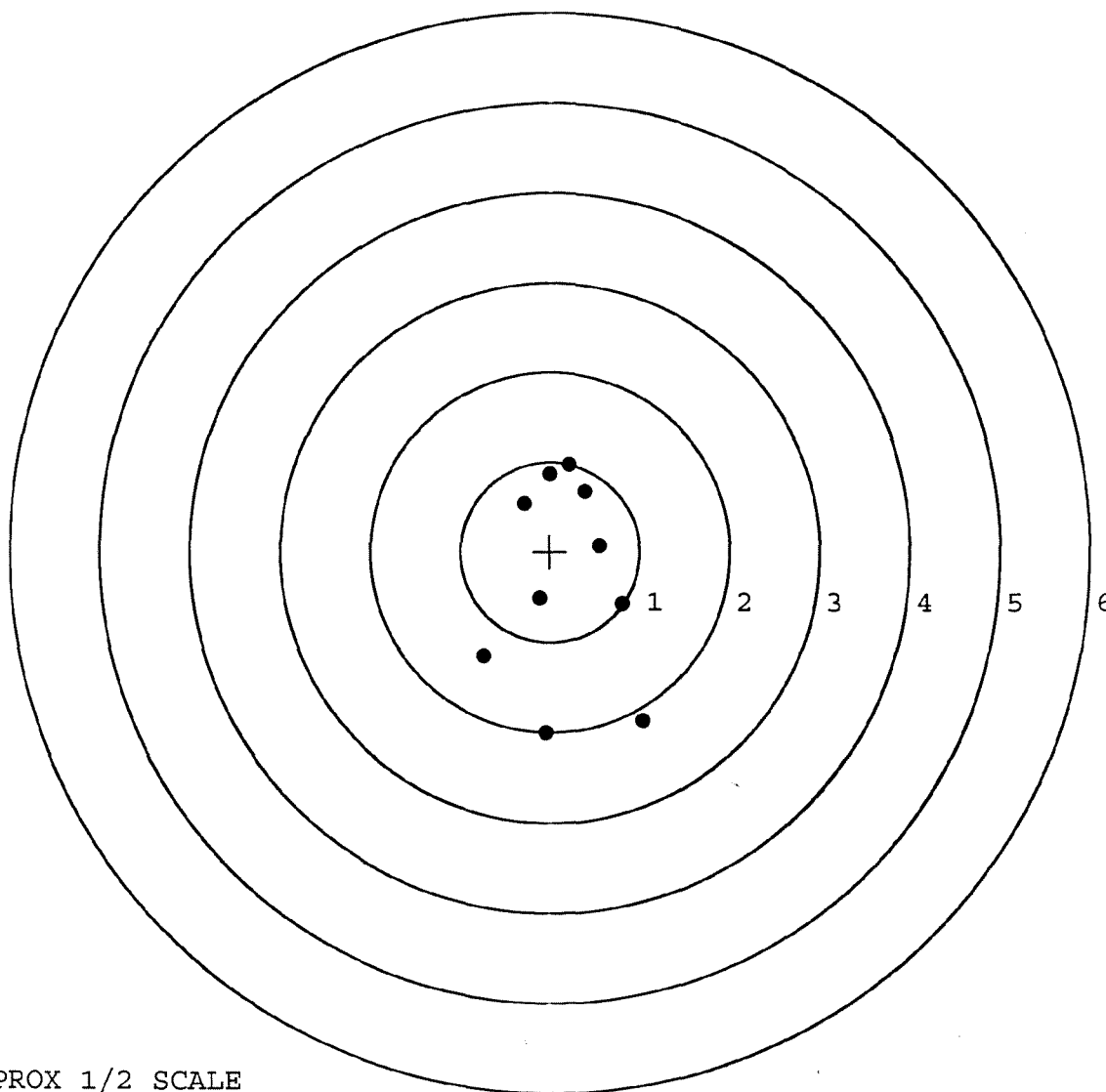
MAX RADIUS: 1.792

MEAN RADIUS: 1.079

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604. __0

TARGET NUMBER: 3

FILE DATE: 02/12/2008

FILE TIME: 06:40

POINT#	X	Y
1:	1.157	-0.433
2:	1.096	-0.065
3:	0.250	0.736
4:	0.351	1.093
5:	-0.376	0.268
6:	-0.623	-0.190
7:	-0.929	0.233
8:	-0.261	-0.804
9:	-0.417	-1.447
10:	-1.211	-1.007

X CENTROID: -0.096

Y CENTROID: -0.162

POA TO CENTROID: 0.188

HORZ SPREAD: 2.368

VERT SPREAD: 2.540

GROUP SPREAD: 2.617

MIN RADIUS: 0.513

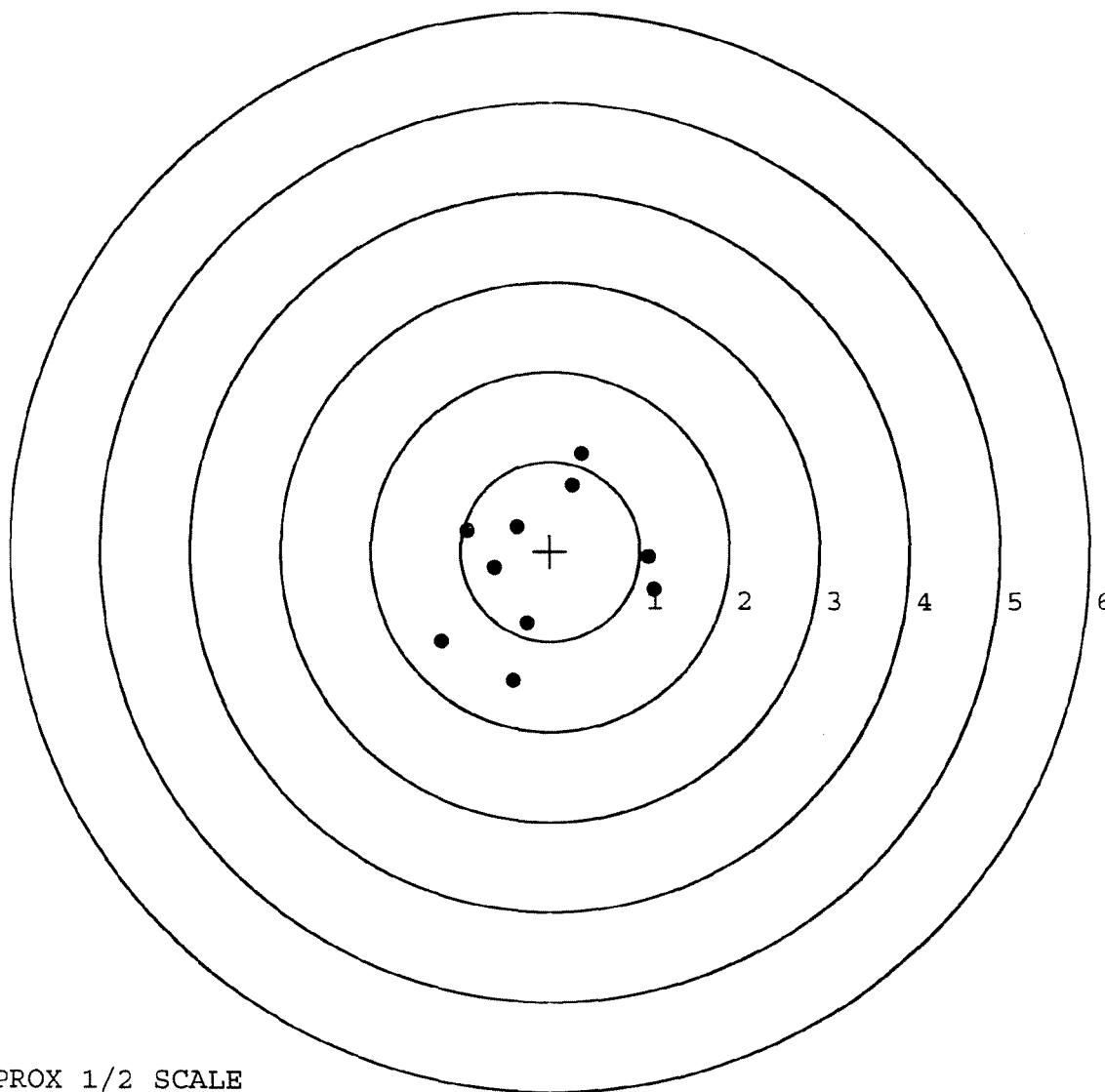
MAX RADIUS: 1.399

MEAN RADIUS: 1.012

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

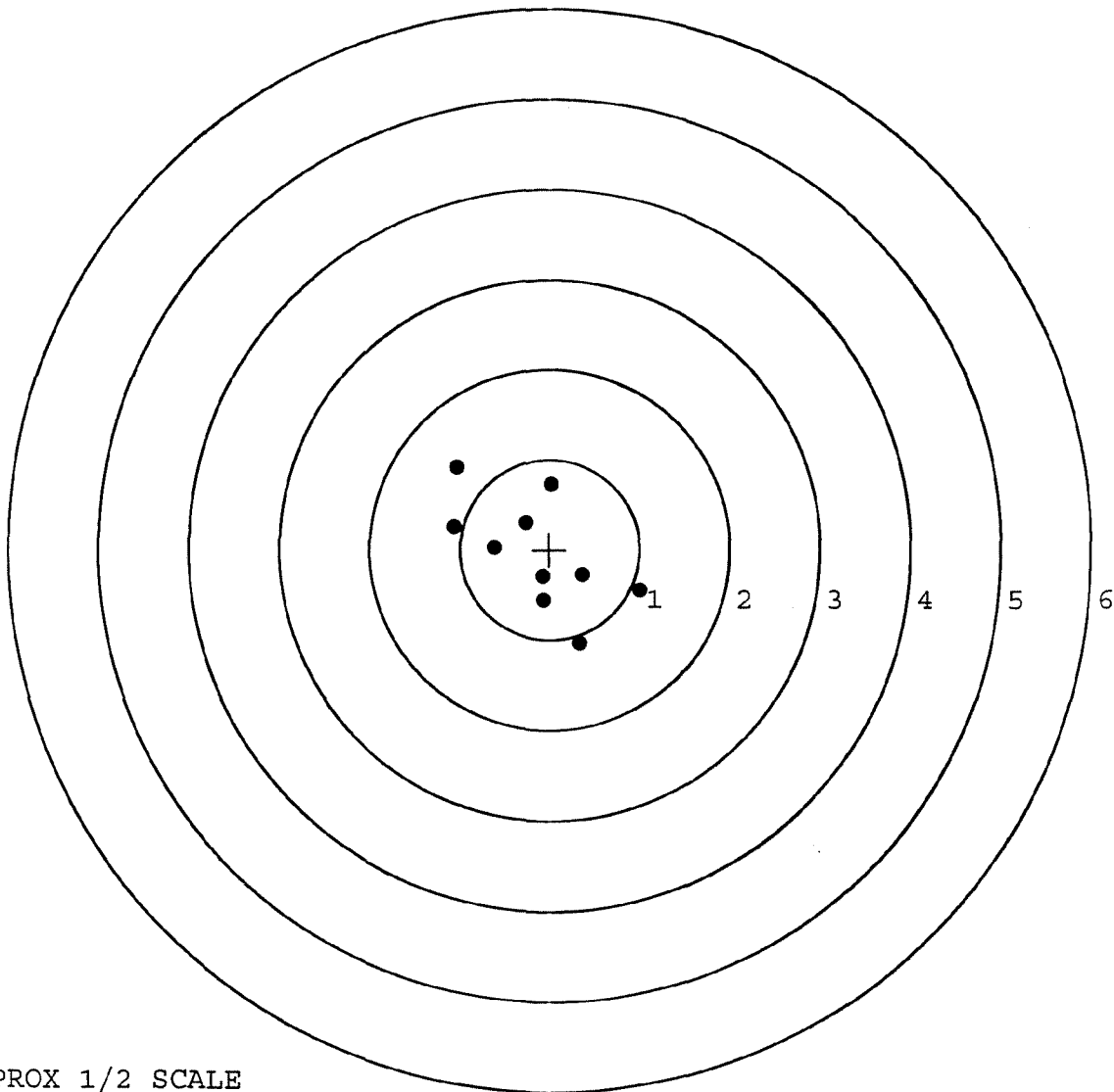


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604. __0
TARGET NUMBER: 4
FILE DATE: 02/12/2008
FILE TIME: 06:40

POINT#	X	Y
1:	1.000	-0.457
2:	0.335	-1.042
3:	0.368	-0.286
4:	-0.071	-0.573
5:	0.016	0.722
6:	-1.039	0.909
7:	-1.069	0.251
8:	-0.615	0.026
9:	-0.273	0.301
10:	-0.079	-0.305

X CENTROID: -0.143
Y CENTROID: -0.045
POA TO CENTROID: 0.150
HORZ SPREAD: 2.069
VERT SPREAD: 1.951
GROUP SPREAD: 2.454
MIN RADIUS: 0.267
MAX RADIUS: 1.309
MEAN RADIUS: 0.760
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604. __ 0

TARGET NUMBER: 5

FILE DATE: 02/12/2008

FILE TIME: 06:40

POINT#	X	Y
--------	---	---

1:	-0.353	0.582
----	--------	-------

2:	-0.376	1.780
----	--------	-------

3:	0.995	0.226
----	-------	-------

4:	0.138	-0.970
----	-------	--------

5:	-0.838	-0.640
----	--------	--------

6:	-0.295	-0.463
----	--------	--------

7:	-0.193	-0.264
----	--------	--------

8:	0.079	-0.466
----	-------	--------

9:	0.078	-0.234
----	-------	--------

10:	0.302	-0.100
-----	-------	--------

X CENTROID: -0.046

Y CENTROID: -0.055

POA TO CENTROID: 0.072

HORZ SPREAD: 1.833

VERT SPREAD: 2.750

GROUP SPREAD: 2.798

MIN RADIUS: 0.218

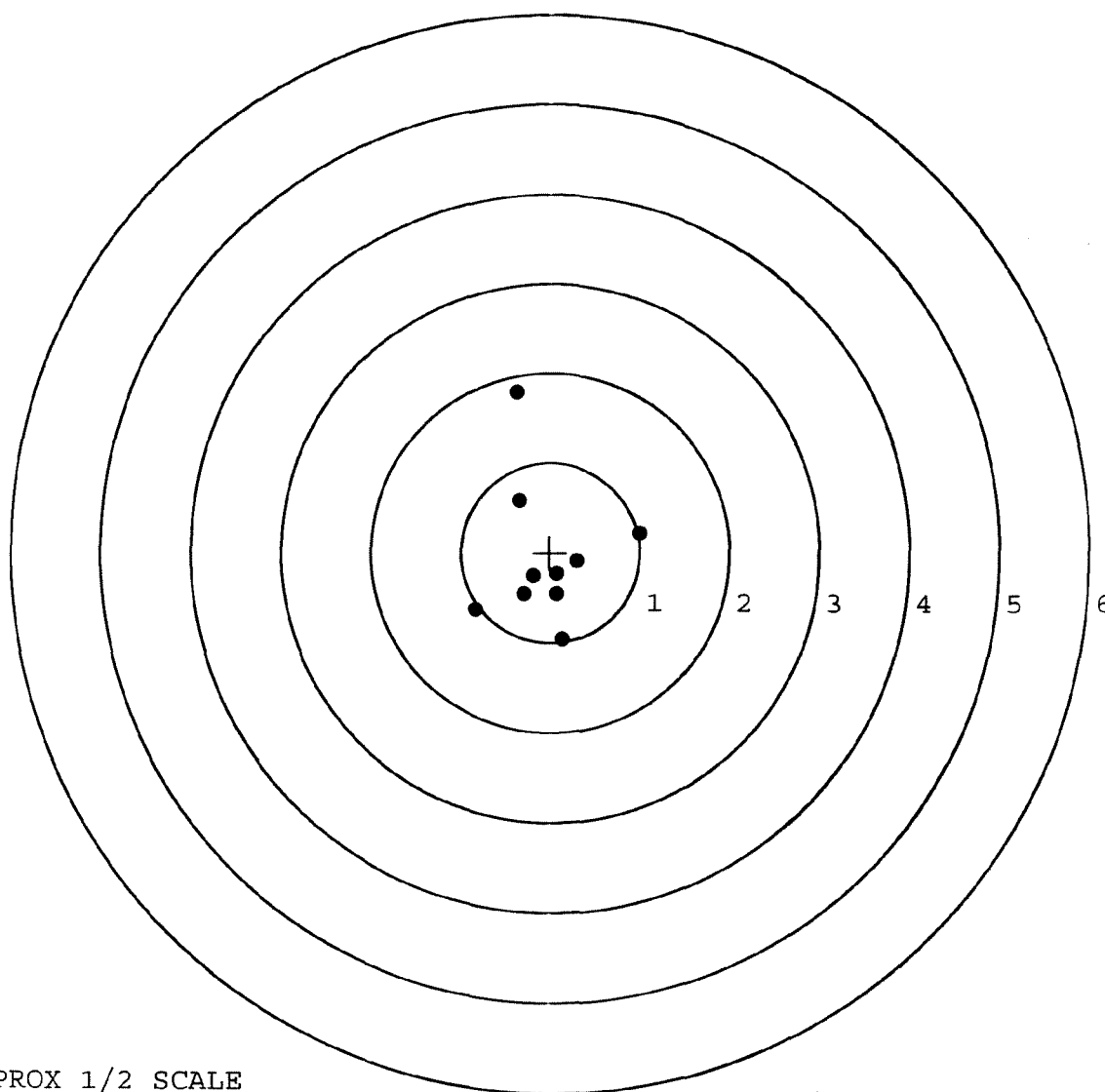
MAX RADIUS: 1.864

MEAN RADIUS: 0.730

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		00140437	
SERIAL NUMBER		C6587604	
LOG-IN DATE		1-23-08	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-24-08	L.P.D.
505	RE-BARREL	1-25-08	L.P.D.
560	ASSEMBLE	1-30-08	TRW
600	PROOF	1-30-08	TRW
605	CHECK HEADSPACE	1-30-08	TRW
610	DIS-ASSEMBLE GUN	1-30-08	L.P.D.
612	MAGNAFLUX	2-10-08	J.B.
510	DRILL AND TAP	1-30-08	TRW
615	ROLLMARK CALIBER	1-30-08	CW
618	ROTO-BLAST	2-4-08	ZY
620	APPLY COATINGS	2-6-08	CW
625	FINAL ASSEMBLY	2-7-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	2-11-08 TRW
650	TARGET	(PASS) FAIL	2-11-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-11-08	R.P.
	A) HEADSPACE	(PASS) FAIL	2-19-08 TRW
	B) TRIGGER PULL	2.69 2.43 2.49 2.51 2.59 2.19-08	TRW
680	F) SAFETY ON FORCE	4.25 4.75 4.75 2.19-08	TRW
	G) SAFETY OFF FORCE	3.0 3.0 3.25 2.19-08	TRW
	I) FIRING PIN INDENT	.021 .0215 .0215 2.19-08	TRW
690	PACK	2-19-08	FM

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: **RE00096588** Serial: C6587604 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/20/1991 Repairman: Status: Closed 5/3/2005 12:46:36 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **CO A 3110 3d AR** **CO A 3110 3d AR**

Address 1: **BLDG 2105 JACKSON AVE** **BLDG 2105 JACKSON AVE**

Address 2: **ATTN SGT PARSONS** **ATTN SGT PARSONS** PO Box:

City: **CAMP SHLEBY** **CAMP SHLEBY**

State: **MS** Zip Code: **34907** Country: **US** State: **MS** Zip Code: **34907** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A017	Scope Base	1
A042	Adjustable Butt Pad	1

Repair Search Refresh Close

negletj 5/5/2005 7:59 AM CAPS INUM INS SCPL

start

Serial Number: **C6587604**

Model: **M24 SWS**



RE00096588

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587604.___0
FILE DATE AND TIME: 05/24/2005 08:07

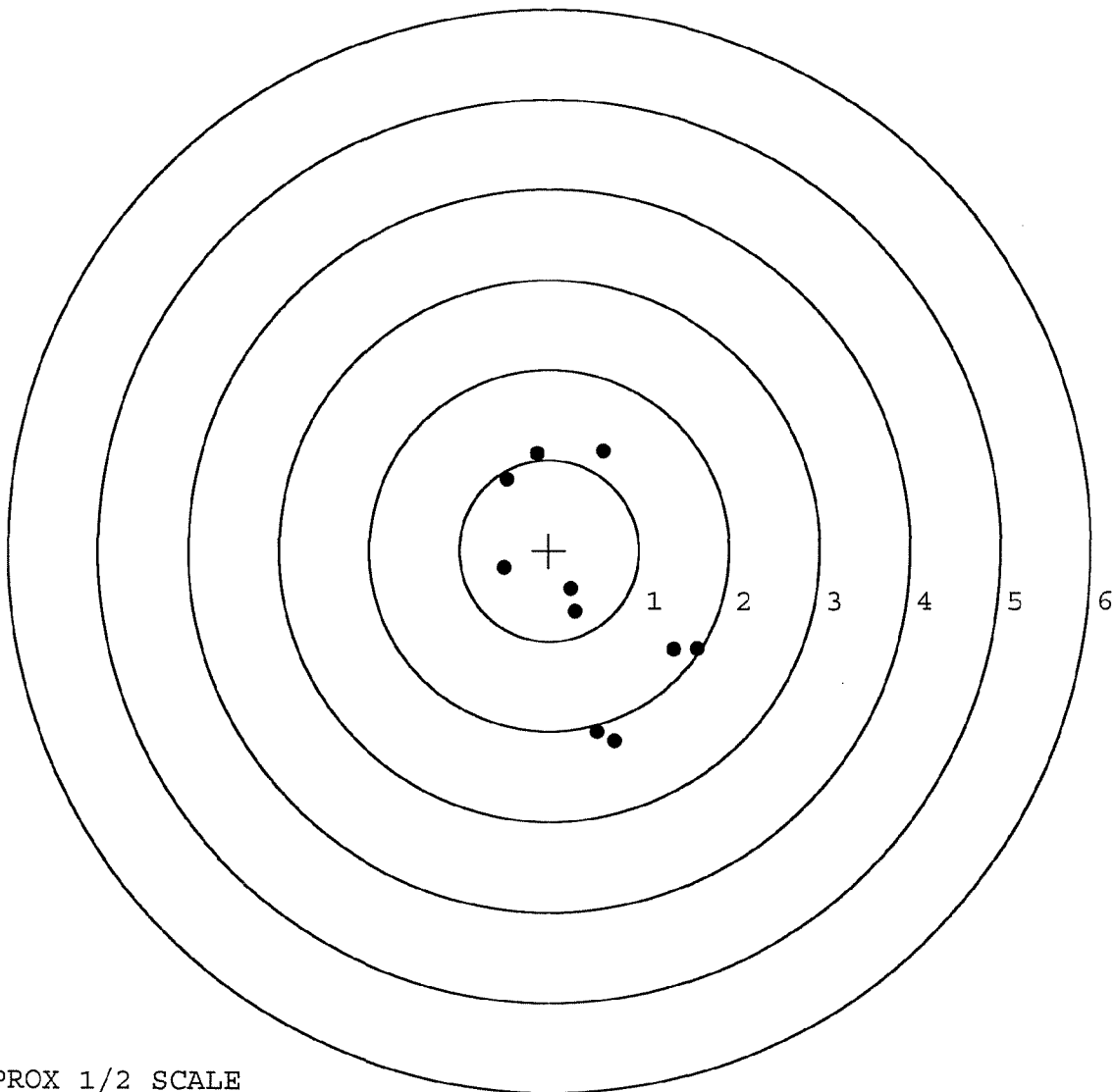
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.200
The Average Y Centroid of the Five Target Set:	-0.302
The Average Point of Impact of the Five Target Set:	0.362
The Average Mean Radius of the Five Target Set:	1.121
The Distance from POA to Centroid Target #1:	0.635
The Distance from Centroid Target #2 to Centroid Target #1:	0.644
The Distance from Centroid Target #3 to Centroid Target #1:	0.204
The Distance from Centroid Target #4 to Centroid Target #1:	0.238
The Distance from Centroid Target #5 to Centroid Target #1:	1.068

SERIAL NUMBER: C6587604. __0
TARGET NUMBER: 1
FILE DATE: 05/24/2005
FILE TIME: 08:07

POINT#	X	Y
1:	0.606	1.096
2:	-0.130	1.073
3:	-0.469	0.783
4:	-0.506	-0.196
5:	0.240	-0.420
6:	0.289	-0.678
7:	1.386	-1.098
8:	1.642	-1.081
9:	0.730	-2.115
10:	0.536	-2.017

X CENTROID: 0.432
Y CENTROID: -0.465
POA TO CENTROID: 0.635
HORZ SPREAD: 2.148
VERT SPREAD: 3.211
GROUP SPREAD: 3.302
MIN RADIUS: 0.198
MAX RADIUS: 1.676
MEAN RADIUS: 1.191
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604. 0

TARGET NUMBER: 2

FILE DATE: 05/24/2005

FILE TIME: 08:07

POINT#	X	Y
1:	0.614	-0.374
2:	-0.623	-0.097
3:	0.449	0.422
4:	0.580	0.509
5:	0.344	0.690
6:	0.540	-2.003
7:	-0.541	-0.923
8:	-0.885	-1.243
9:	-1.119	-1.577
10:	-1.172	-1.999

X CENTROID: -0.181

Y CENTROID: -0.660

POA TO CENTROID: 0.684

HORZ SPREAD: 1.786

VERT SPREAD: 2.693

GROUP SPREAD: 3.087

MIN RADIUS: 0.446

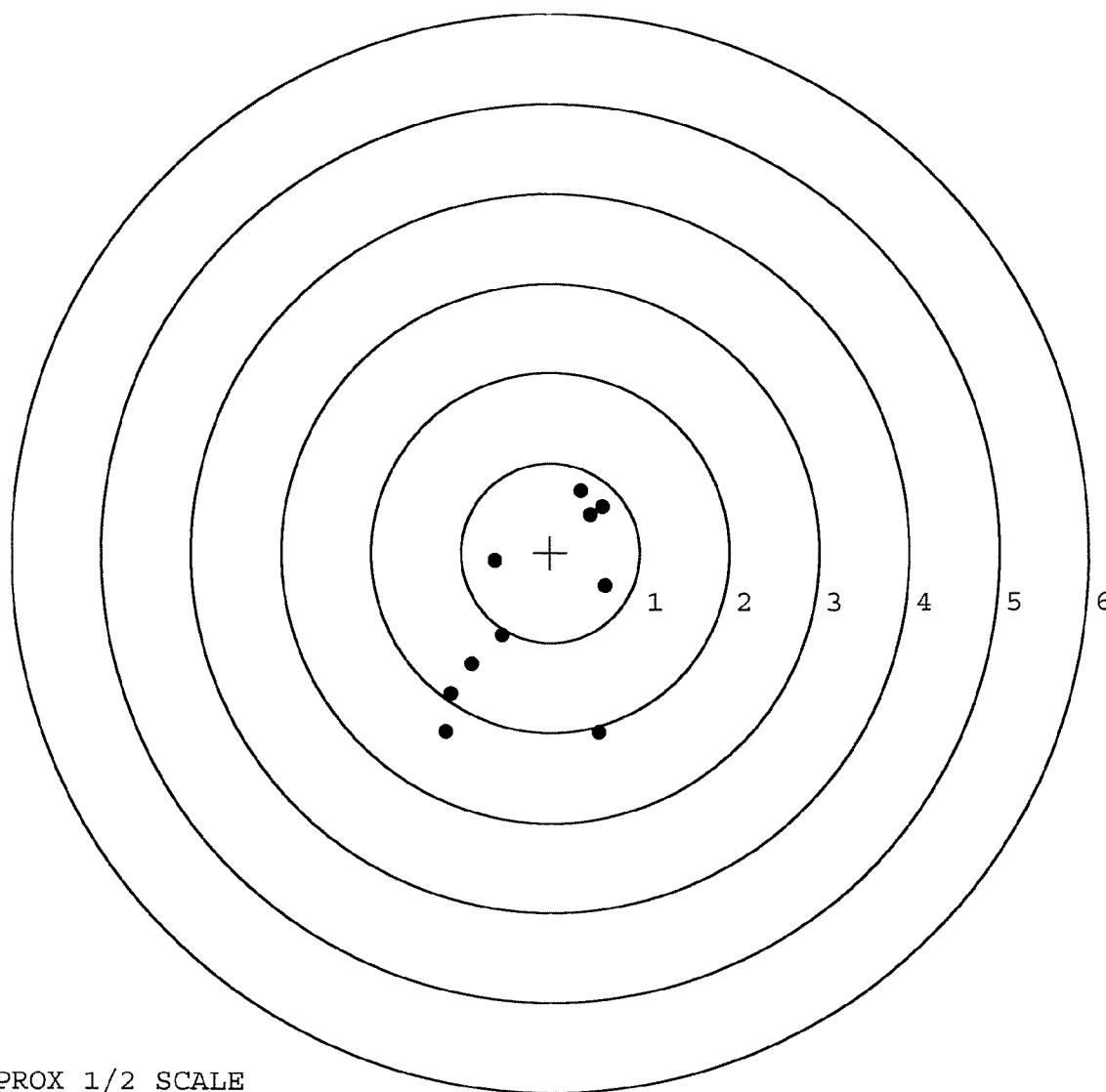
MAX RADIUS: 1.666

MEAN RADIUS: 1.152

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

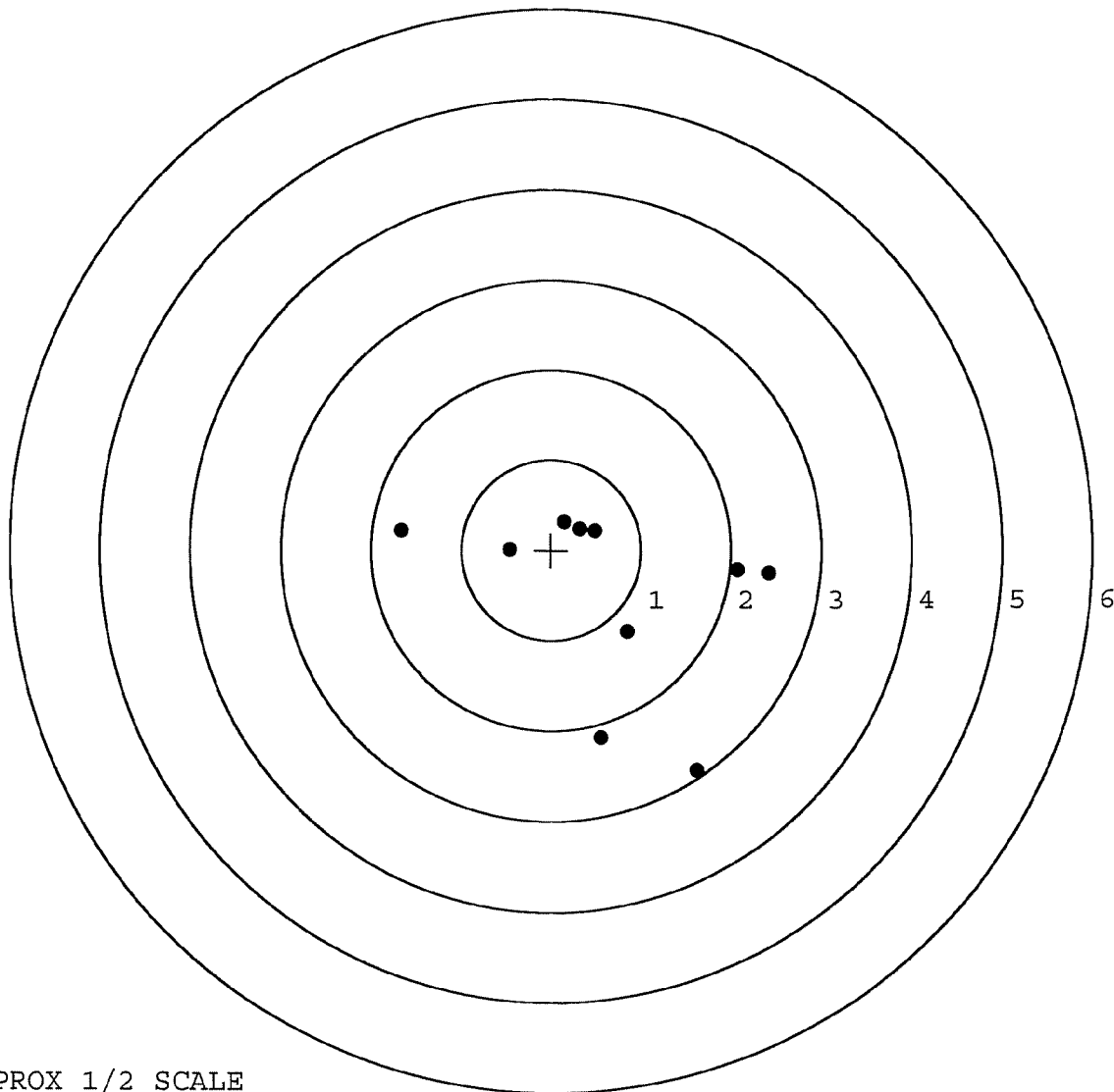


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604. __0
TARGET NUMBER: 3
FILE DATE: 05/24/2005
FILE TIME: 08:07

X CENTROID: 0.635
Y CENTROID: -0.490
POA TO CENTROID: 0.802
HORZ SPREAD: 4.083
VERT SPREAD: 2.763
GROUP SPREAD: 4.226
MIN RADIUS: 0.470
MAX RADIUS: 2.407
MEAN RADIUS: 1.358
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	2.419	-0.254
2:	2.072	-0.220
3:	0.490	0.219
4:	0.326	0.236
5:	0.153	0.320
6:	-0.462	0.012
7:	-1.664	0.224
8:	0.851	-0.907
9:	0.554	-2.082
10:	1.614	-2.443

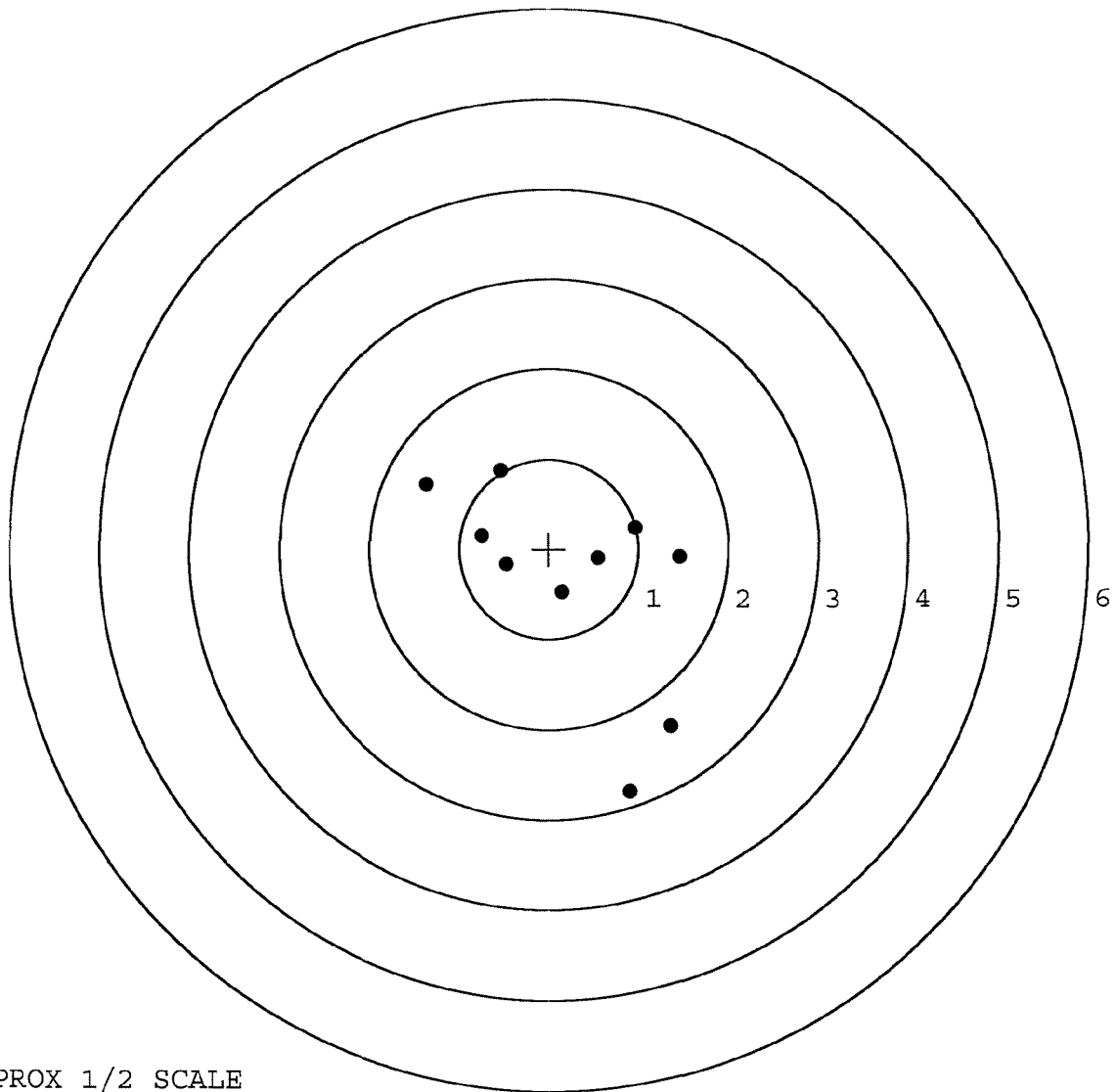


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604.___0
TARGET NUMBER: 4
FILE DATE: 05/24/2005
FILE TIME: 08:07

POINT#	X	Y
1:	1.454	-0.090
2:	0.961	0.235
3:	0.552	-0.102
4:	0.153	-0.485
5:	-0.477	-0.169
6:	-0.756	0.152
7:	-0.535	0.875
8:	-1.371	0.725
9:	1.357	-1.961
10:	0.902	-2.689

X CENTROID: 0.224
Y CENTROID: -0.351
POA TO CENTROID: 0.416
HORZ SPREAD: 2.825
VERT SPREAD: 3.564
GROUP SPREAD: 4.101
MIN RADIUS: 0.152
MAX RADIUS: 2.434
MEAN RADIUS: 1.236
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

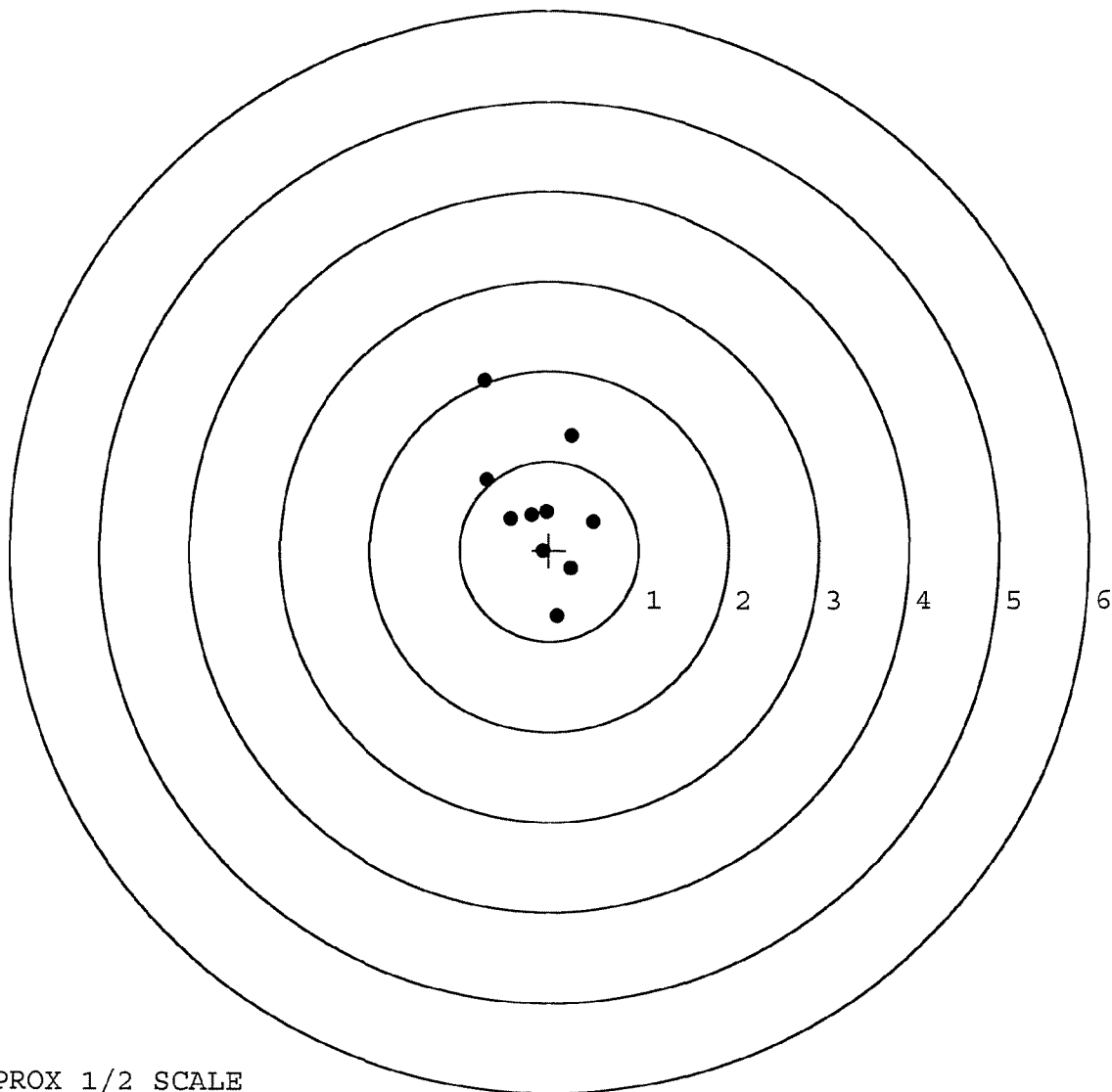


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587604.____0
TARGET NUMBER: 5
FILE DATE: 05/24/2005
FILE TIME: 08:07

POINT#	X	Y
1:	0.087	-0.727
2:	0.240	-0.203
3:	0.488	0.321
4:	-0.069	-0.012
5:	-0.039	0.439
6:	-0.202	0.395
7:	-0.436	0.354
8:	-0.700	0.796
9:	0.247	1.283
10:	-0.723	1.896

X CENTROID: -0.111
Y CENTROID: 0.454
POA TO CENTROID: 0.467
HORZ SPREAD: 1.211
VERT SPREAD: 2.623
GROUP SPREAD: 2.745
MIN RADIUS: 0.073
MAX RADIUS: 1.566
MEAN RADIUS: 0.670
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	96588		
SERIAL NUMBER	C6587604		
LOG-IN DATE	5-3-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-6-05	RTL
560 A	RE-BARREL		
B	DRILL AND TAP	5-18-05	TRW
575	ASSEMBLE		
600	PROOF MAGNA-FLUX INSPECTED	5-18-05	AC
605	CHECK HEADSPACE	5-18-05	AC
610	DIS-ASSEMBLE GUN	5-18-05	AC
612	MAGNETIC PARTICULATE	5/19/05	unl
615	ROLLMARK CALIBER	5-19-05	CW
618	ROTO-BLAST	5-20-05	LB
620	APPLY COATINGS	5-22-05	in
625 A	FINAL ASSEMBLY	5-23-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	5-24-05	AC
D	SAFETY "OFF" FORCE	5-24-05	AC
E	FIRING PIN INDENT	5-24-05	AC
640	TARGET	5-24-05	TRW
655	FINAL INSPECT	5-24-05	AC
660	PACK	5-24-05	DP
		SHIP DATE	
QAR INSPECTION DATE			

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700[™] H24

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

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

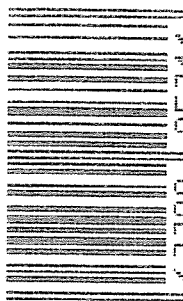
SERIAL NO.
 C6587604

ORDER NO.
 5716

23

5716 C6587604

UPC



0 4700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587604
11 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.142021
1 TO	2	.213663
1 TO	3	.229996
1 TO	4	.256127
1 TO	5	.153883

48 <----FOR

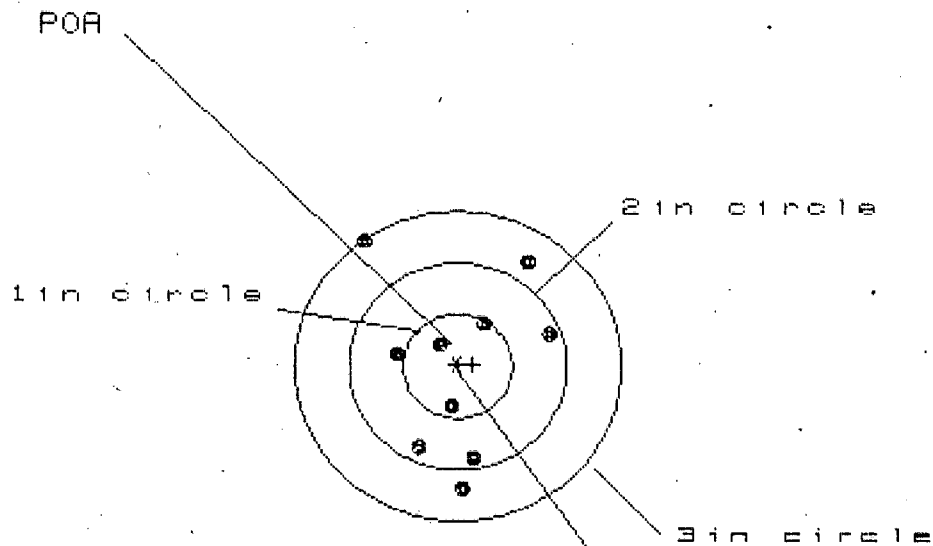
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1294
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0728
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148473

THE AMR FOR THIS RIFLE IS: 1.003

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587604

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.735

VS= 2.408

GS= 2.586

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.848	.749	.820
MINIMUM X	-.887	-.642	-.571
MAXIMUM Y	1.204	1.153	.655
MINIMUM Y	-1.204	-1.071	-.927
CENTROID X	-.141	-.042	-.113
CENTROID Y	-.017	-.150	-.295
POA TO CENTROID in.	.142	.156	.316
MIN RADIUS	.236	.256	.106
MEAN RADIUS	.819	.742	.651
MAX RADIUS	1.495	1.285	1.023
HORIZONTAL SPREAD	1.735	1.391	1.391
VERTICAL SPREAD	2.408	2.224	1.581
EXTREME SPREAD	2.586	2.306	1.729
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587604

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

IS= 2.274

VS= 3.958

GS= 3.983

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.124

1.096

1.117

MINIMUM X

-1.150

-1.178

-1.157

MAXIMUM Y

2.318

1.419

1.246

MINIMUM Y

-1.640

-1.383

-.867

CENTROID X

-.017

.010

-.011

CENTROID Y

.157

-.100

.073

POA TO CENTROID in.

.158

.101

.074

MIN RADIUS

.060

.290

.125

MEAN RADIUS

1.100

.945

.876

MAX RADIUS

2.331

1.596

1.434

HORIZONTAL SPREAD

2.274

2.274

2.274

VERTICAL SPREAD

3.958

2.802

2.113

EXTREME SPREAD

3.983

2.943

2.752

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

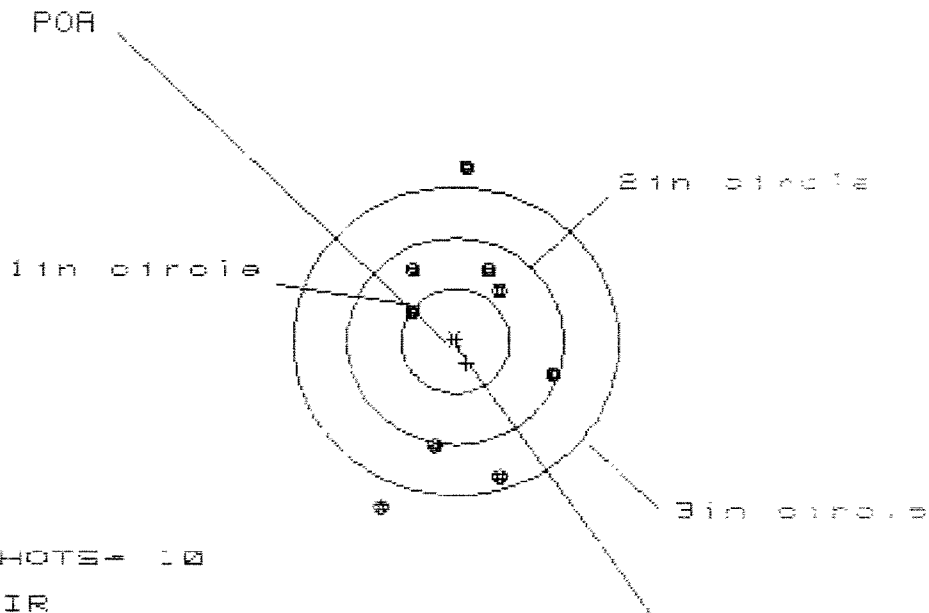
NUMBER IN THREE INCH CIRCLE =

8

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587604

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.551

VS= 3.344

GS= 3.425

CENTROID #

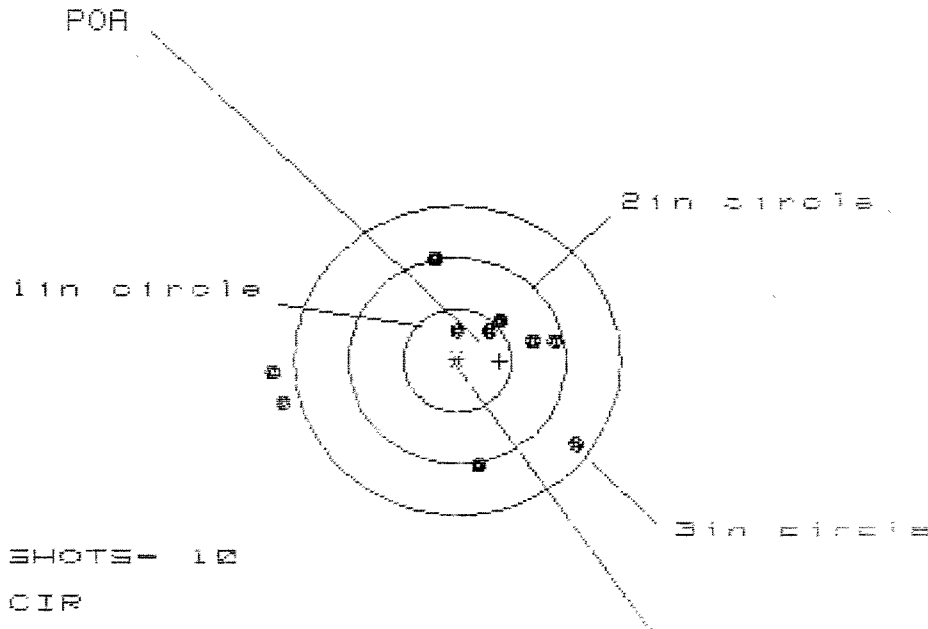
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.873	.798	.798
MINIMUM X	:	-.878	-.488	-.490
MAXIMUM Y	:	1.733	1.554	.734
MINIMUM Y	:	-1.611	-1.475	-1.281
CENTROID X	:	-.104	-.029	-.027
CENTROID Y	:	.210	.389	.195
POA TO CENTROID in.	:	.234	.390	.197
MIN RADIUS	:	.487	.445	.536
MEAN RADIUS	:	1.001	.882	.821
MAX RADIUS	:	1.748	1.554	1.321
HORIZONTAL SPREAD	:	1.551	1.286	1.286
VERTICAL SPREAD	:	3.344	3.029	2.015
EXTREME SPREAD	:	3.425	3.048	2.174
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587604

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.794

VS= 2.029

GS= 2.872

CENTROID +

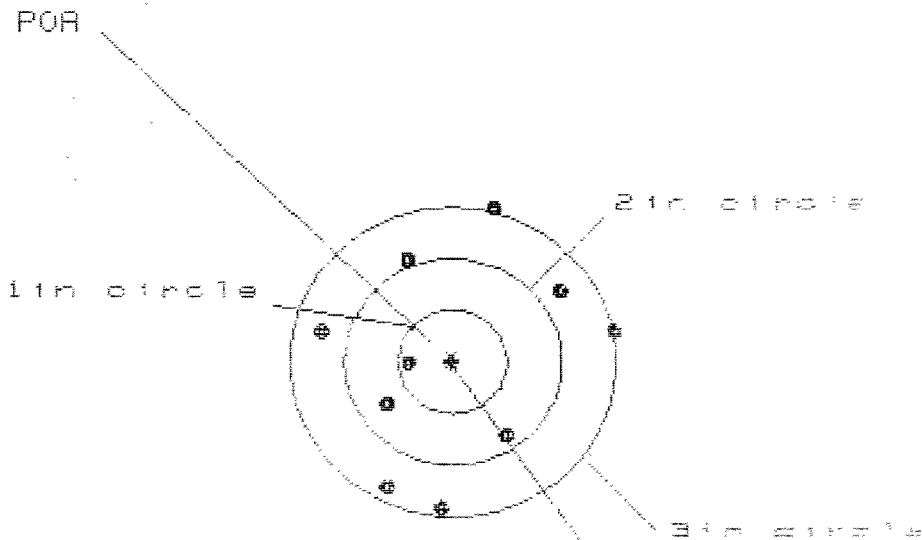
PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.046
MINIMUM X	-1.748
MAXIMUM Y	1.023
MINIMUM Y	-1.006
CENTROID X	-.396
CENTROID Y	.007
POA TO CENTROID in.	.396
MIN RADIUS	.255
MEAN RADIUS	.960
MAX RADIUS	1.753
HORIZONTAL SPREAD	2.794
VERTICAL SPREAD	2.029
EXTREME SPREAD	2.872
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 5
NUMBER IN THREE INCH CIRCLE	= 8

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587824

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

LS= 2.703

VS= 2.882

CS= 2.929

CENTROID #

PATTERN #

:

5

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.486

1.530

1.224

MINIMUM X

:

-1.217

-1.173

-1.982

MAXIMUM Y

:

1.498

1.284

1.256

MINIMUM Y

:

-1.384

-1.218

-1.166

CENTROID X

:

.011

-.033

-.224

CENTROID Y

:

.007

-.159

-.211

POR TO CENTROID in.

:

.010

.163

.008

MIN RADIUS

:

.368

.379

.383

GEOM RADIUS

:

1.136

1.089

.964

MAX RADIUS

:

1.549

1.585

1.508

HORIZONTAL SPREAD

:

2.703

2.703

2.206

VERTICAL SPREAD

:

2.882

2.422

2.422

EXTREME SPREAD

:

2.929

2.703

2.464

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

8

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587604

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1024	90	RW
600	Proof	1024	90	RW
607	Check Headspace	1024	90	RW
610	Dis-assemble Gun	1024	90	RW
612	Magnaflux Barrel Action		12/30/90	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LS
617	Drill and Tap Sight Holes		11/5/90	F03
618	Polish Barrel AB		11/6/90	W3
620	Apply Coatings (Barrel Action)		11-26-90	HA
	Apply Coating (Bolt)		11-26-90	HA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.25	4.0			1/3/91	KT
	G) Safety Off Force	2.50	2.50	2.50			1/3/91	KT
	H) Trigger Pull Test & Retainability						1-4-91	DH
	I) Firing Pin Indent	.020	.020	.020			1/3/91	KT
	J) Assemble Stock						1/7/91	RW
	K) Assemble Swivel Studs						1-14-91	JH
	L) Attach Front and Rear Sight Assemblies						1/7/91	RW
	M) Iron Sight Alignment						1/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/7/91	RW
	O) Attach Scope to Rifle						1/7/91	RW
	P) Detach & Attach Scope 20 Times						1/7/91	RW
640	Gallery Target & Test						1-11-91	DH
	A) Time						1-11-91	DH
	B) Malfunctions						1-11-91	DH
	C) Pierced Primers						1-11-91	DH
	D) Optical Clarity of Scope						1-11-91	DH
645	Inspect for Live Ammo						1-11-91	DH
655	Final Inspection							
	A) Headspace						1-14-91	JH
	B) Trigger Pull	2.00	2.15	2.20	2.20	2.15	1-14-91	JH
	C) Function						1-14-91	JH
660	Pack						3-18-91	W

SWS TRIGGER PULL TEST

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

SERIAL NO. CC587604
DATE 1-4-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.43	2.39	2.00	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.36	2.31	2.15	
PULL #3	2.35	2.42	2.43	2.20	
PULL #4	2.43	2.39	2.41	2.20	
PULL #5	2.25	2.38	2.50	2.15	
TOTAL	11.87	11.98	12.24		
AVG.	2.37	2.39	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.25		
PULL #2	3.03	3.23		
PULL #3	3.00	3.40		
PULL #4	3.25	3.22		
PULL #5	3.18	3.22		
TOTAL	15.51	16.32		
AVG.	3.10	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.00		4.73
PULL #2	4.03	4.01		4.32
PULL #3	4.07	3.97		4.05
PULL #4	4.09	4.05		3.99
PULL #5	4.02	4.00		4.25
TOTAL	20.26	20.03		20.74
AVG.	4.05	4.00		4.14