

C6225470

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: **RE00120741**
Verify Repair

Serial: C6225470 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: New 11/27/2006 11:37:03 AM

Address Information

Customer: ☒ Received From
Name: **SFC KIRCHNER**
Address 1: **HSC 1/7 SFG (A)**
Address 2: **BLDG E-3622 JUST CAUSE DR** PO Box:
City: **FORT BRAGG**
State: **NC** Zip Code: **28310** Country: **US**

Return To: ☐ Received From
Name: **SFC KIRCHNER**
Address 1: **HSC 1/7 SFG (A)**
Address 2: **BLDG E-3622 JUST CAUSE DR** PO Box:
City: **FORT BRAGG**
State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: **NA**
Fax:
Email:
Comments:

Condition: **Fair**
Condition Notes:
CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj 11/27/2006 1:30 PM CAPS NUM INS SCRL

start 5 Mic... 4 Int... 2 Mic... Part 5... Arms S... Std...

Serial Number: **C6225470**
Model: **M24 SWS**

RE00120741

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400061659

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225470.___0
FILE DATE AND TIME: 12/16/2006 05:52

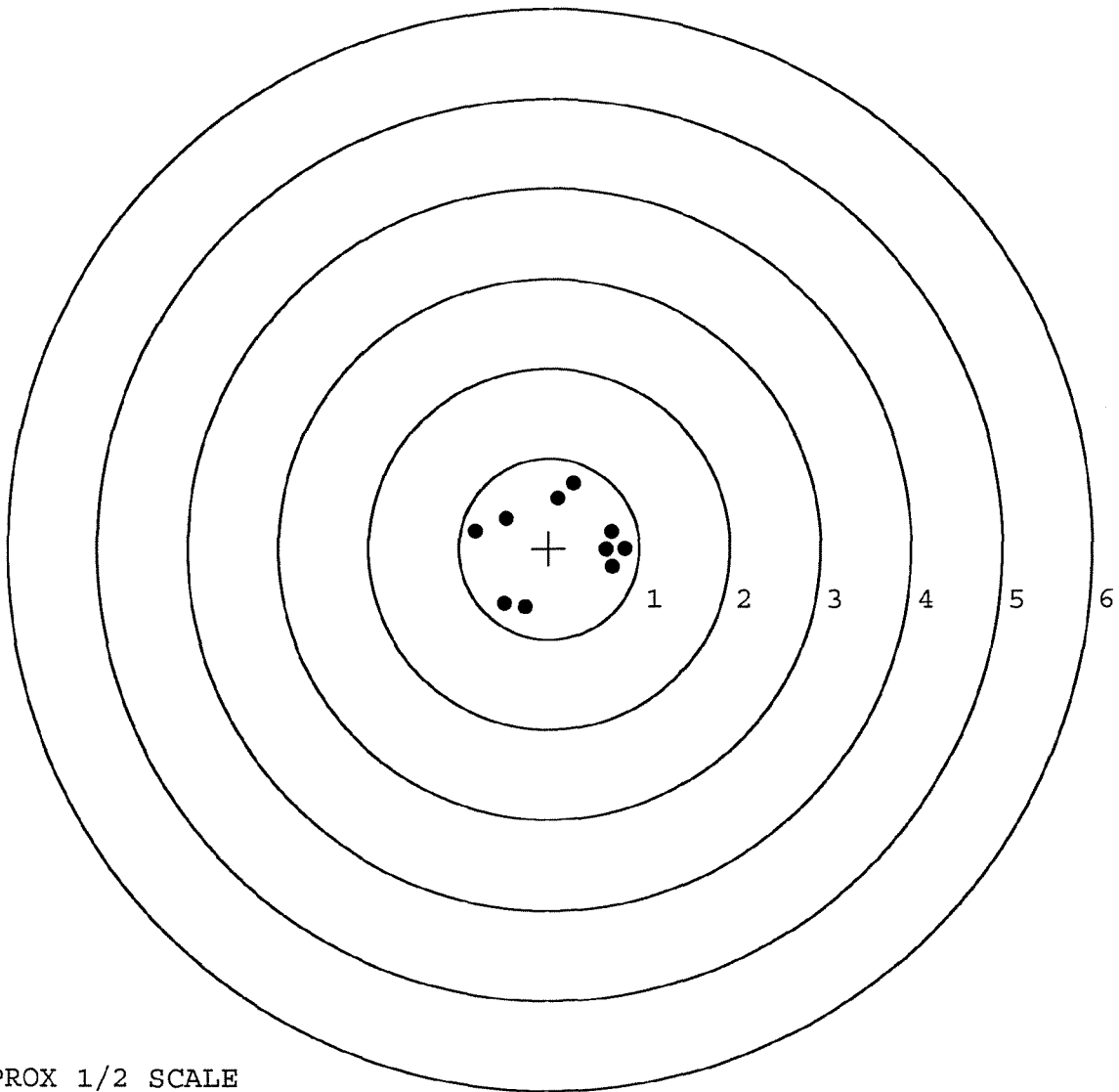
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.034
The Average Y Centroid of the Five Target Set:	0.054
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.714
The Distance from POA to Centroid Target #1:	0.128
The Distance from Centroid Target #2 to Centroid Target #1:	0.306
The Distance from Centroid Target #3 to Centroid Target #1:	0.135
The Distance from Centroid Target #4 to Centroid Target #1:	0.195
The Distance from Centroid Target #5 to Centroid Target #1:	0.140

SERIAL NUMBER: C6225470. __0
TARGET NUMBER: 1
FILE DATE: 12/16/2006
FILE TIME: 05:52

POINT#	X	Y
1:	-0.265	-0.653
2:	-0.494	-0.613
3:	-0.486	0.332
4:	-0.825	0.190
5:	0.099	0.552
6:	0.273	0.715
7:	0.845	0.000
8:	0.706	-0.203
9:	0.687	0.188
10:	0.640	-0.012

X CENTROID: 0.118
Y CENTROID: 0.050
POA TO CENTROID: 0.128
HORZ SPREAD: 1.670
VERT SPREAD: 1.368
GROUP SPREAD: 1.681
MIN RADIUS: 0.503
MAX RADIUS: 0.953
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470.___0

TARGET NUMBER: 2

FILE DATE: 12/16/2006

FILE TIME: 05:52

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

1:	0.542	-0.592
----	-------	--------

2:	0.388	-0.121
----	-------	--------

3:	0.166	-0.281
----	-------	--------

4:	-0.379	-0.441
----	--------	--------

5:	-0.825	-0.541
----	--------	--------

6:	0.440	0.763
----	-------	-------

7:	0.094	0.529
----	-------	-------

8:	-0.391	0.319
----	--------	-------

9:	-0.572	0.267
----	--------	-------

10:	-1.291	1.172
-----	--------	-------

X CENTROID: -0.183

Y CENTROID: 0.107

POA TO CENTROID: 0.212

HORZ SPREAD: 1.833

VERT SPREAD: 1.764

GROUP SPREAD: 2.544

MIN RADIUS: 0.297

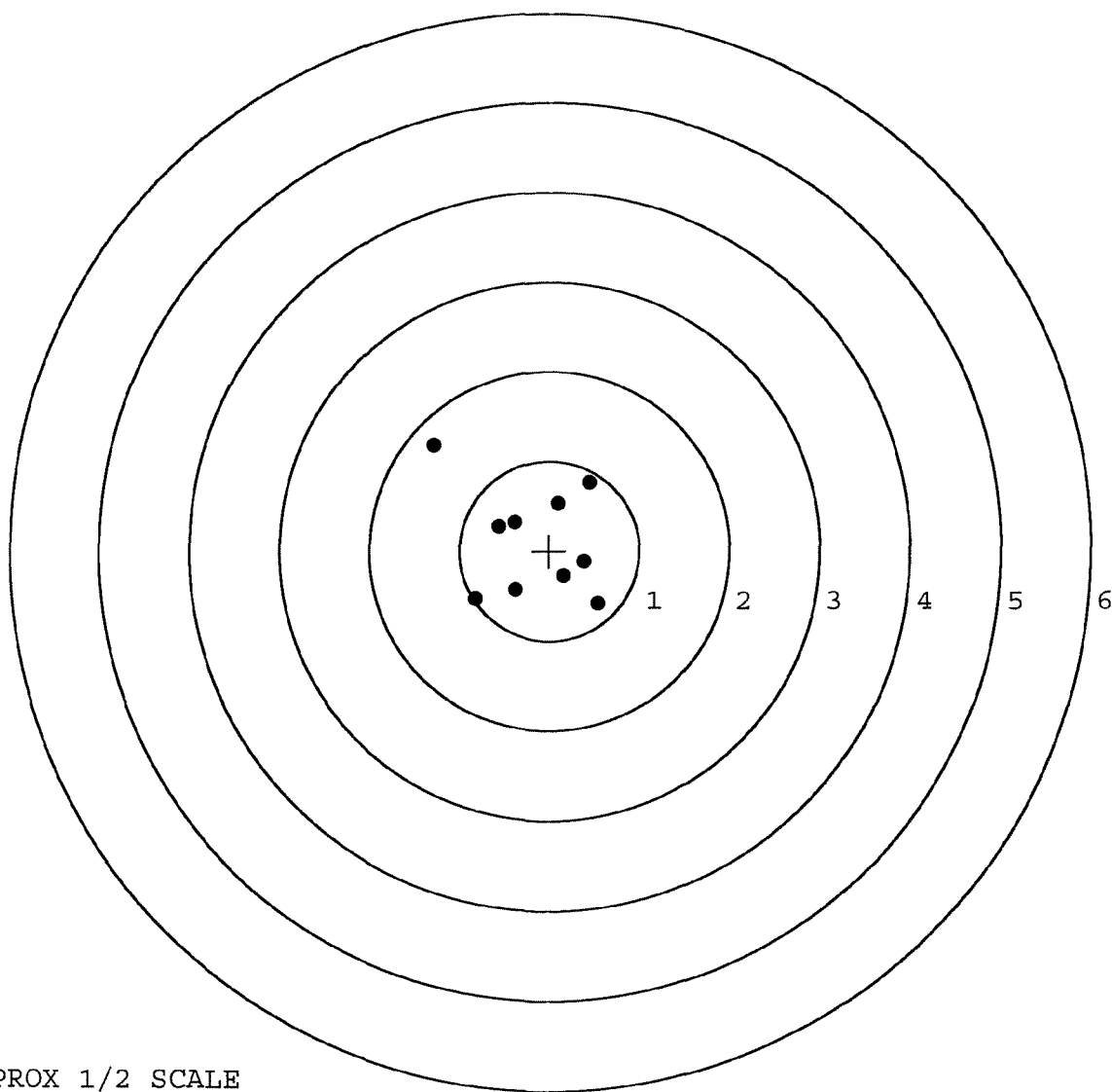
MAX RADIUS: 1.537

MEAN RADIUS: 0.730

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470. __0

TARGET NUMBER: 3

FILE DATE: 12/16/2006

FILE TIME: 05:52

POINT#	X	Y
1:	1.232	-0.292
2:	0.108	-0.957
3:	-0.059	-0.825
4:	-0.004	-0.439
5:	-1.139	0.299
6:	-0.461	0.926
7:	-0.115	0.757
8:	-0.228	0.633
9:	0.103	0.348
10:	0.430	0.348

X CENTROID: -0.013

Y CENTROID: 0.080

POA TO CENTROID: 0.081

HORZ SPREAD: 2.371

VERT SPREAD: 1.883

GROUP SPREAD: 2.444

MIN RADIUS: 0.292

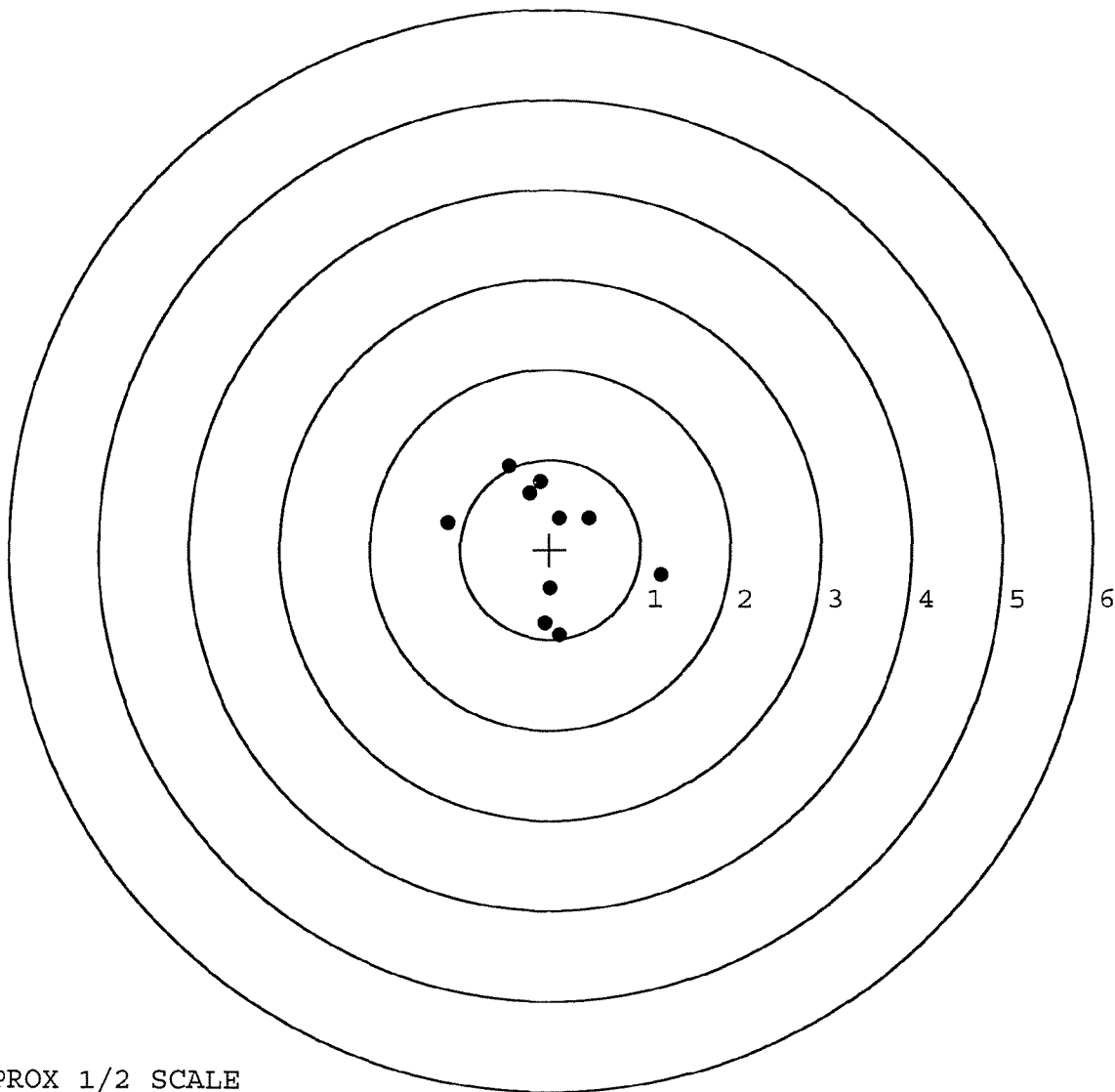
MAX RADIUS: 1.300

MEAN RADIUS: 0.796

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470. __0

TARGET NUMBER: 4

FILE DATE: 12/16/2006

FILE TIME: 05:52

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

1:	-0.385	-0.947
----	--------	--------

2:	-0.896	-0.671
----	--------	--------

3:	-0.843	0.169
----	--------	-------

4:	-0.682	0.463
----	--------	-------

5:	-0.207	0.018
----	--------	-------

6:	0.288	-0.073
----	-------	--------

7:	0.770	-0.194
----	-------	--------

8:	0.830	0.630
----	-------	-------

9:	0.347	0.317
----	-------	-------

10:	0.033	0.501
-----	-------	-------

X CENTROID: -0.074

Y CENTROID: 0.021

POA TO CENTROID: 0.077

HORZ SPREAD: 1.726

VERT SPREAD: 1.577

GROUP SPREAD: 2.161

MIN RADIUS: 0.133

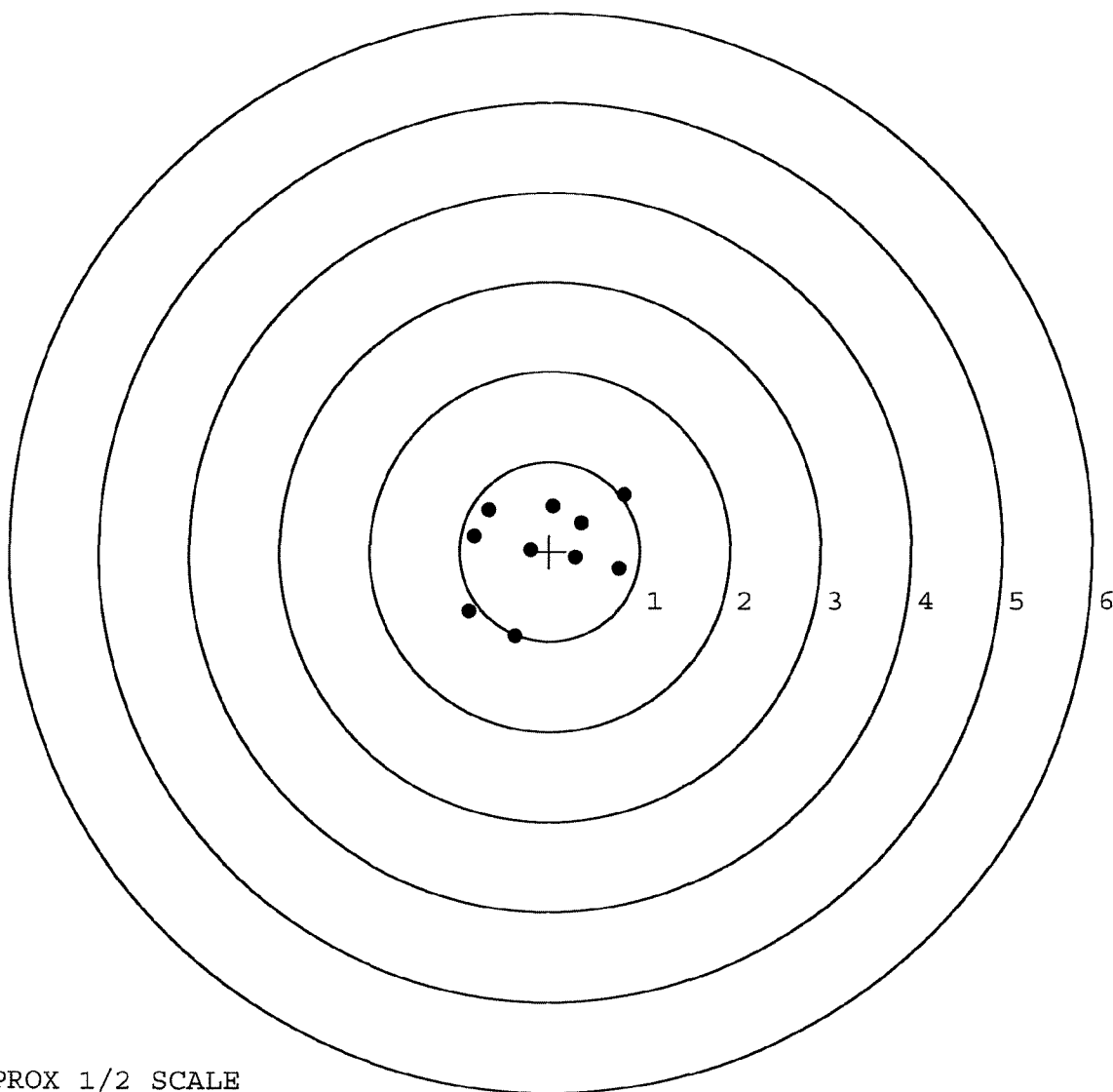
MAX RADIUS: 1.090

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470. __0

TARGET NUMBER: 5

FILE DATE: 12/16/2006

FILE TIME: 05:52

POINT#	X	Y
1:	-0.436	-0.520
2:	0.004	-0.896
3:	0.320	-0.586
4:	0.892	-0.283
5:	-0.908	0.366
6:	0.349	0.549
7:	-0.038	0.586
8:	-0.264	0.511
9:	-0.087	0.297
10:	0.007	0.085

X CENTROID: -0.016

Y CENTROID: 0.011

POA TO CENTROID: 0.019

HORZ SPREAD: 1.800

VERT SPREAD: 1.482

GROUP SPREAD: 1.913

MIN RADIUS: 0.078

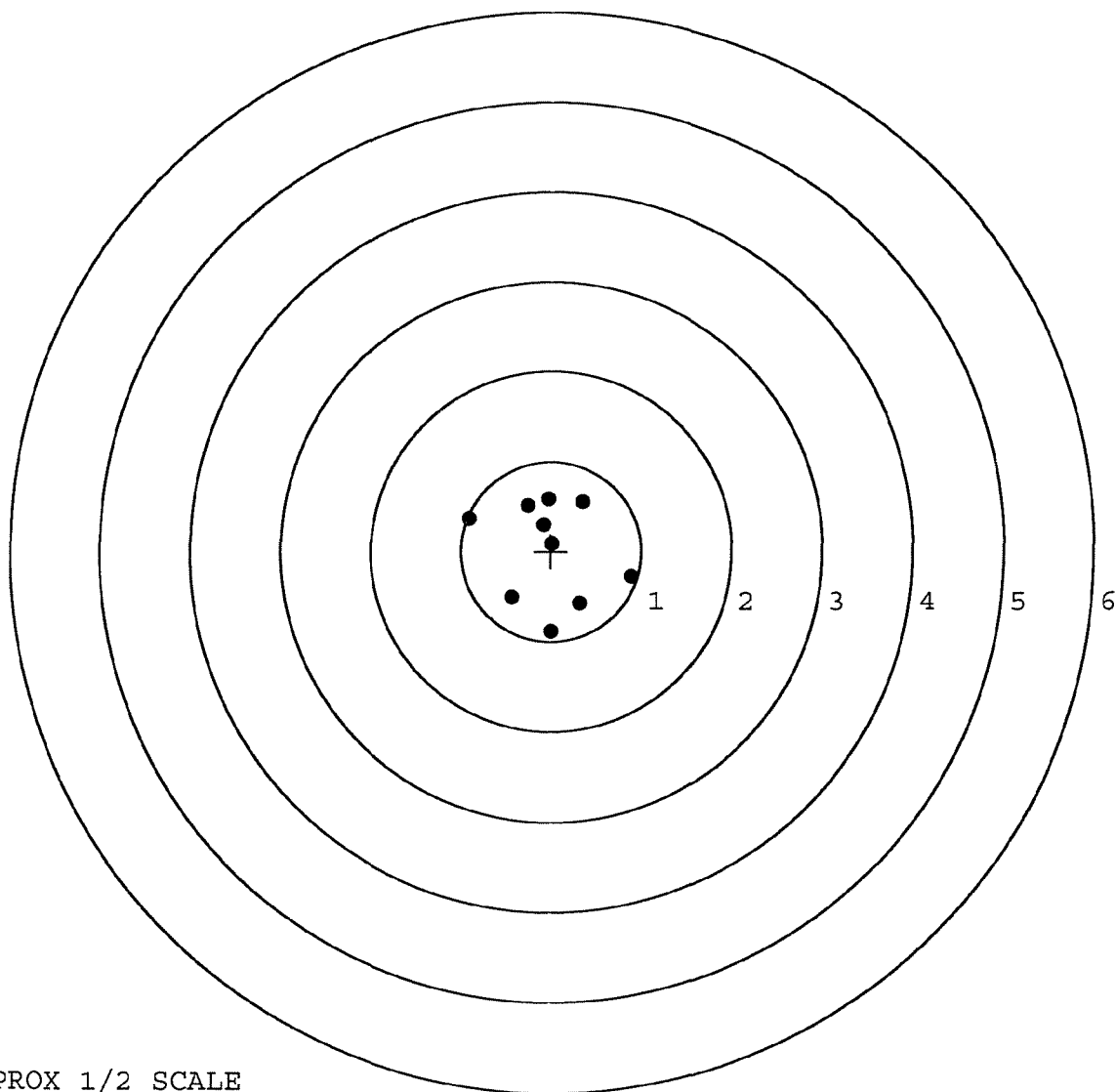
MAX RADIUS: 0.960

MEAN RADIUS: 0.634

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	120741				
SERIAL NUMBER	C6225470				
LOG-IN DATE	11-27-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		11-28-06	RTZ	
505	RE-BARREL		11-30-06	RTZ	
420	ASSEMBLE		12-4-06	RTZ	
440	PROOF	MAGNA-FLUX	12-4-06	TRW	
460	CHECK HEADSPACE	INSPECTED	12-4-06	TRW	
470	DIS-ASSEMBLE GUN	DEC 05 2006	12-4-06	BLC	
480	MAGNAFLUX	OPERATOR APD	12-3-06	APD	
510	DRILL AND TAP		12-4-06	SD	
500	ROLLMARK CALIBER		12-5-06	CW	
520	GOFF BLAST BBL / REC		12/5/06	Le	
530 & 540	APPLY COATINGS		12/7/06	FB	
560	FINAL ASSEMBLY		12-4-06	RTZ	
640	FUNCTION TEST AND	PASS FAIL	12-15-06	TRW	
650	TARGET	PASS FAIL	12-15-06	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	12-15-06	RP.	
670	FINAL INSPECTION				
	A) HEADSPACE	PASS FAIL	12-16-06	BLC	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.37 2.33 2.36 2.29 2.29 12-16-06	RA	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	55 55 55 12-16-06	RA	
	G) SAFETY OFF FORCE	2 LBS MIN	30 30 30 12-16-06	RA	
	I) FIRING PIN INDENT	.020	.024 .023 .023 12-16-06	RA	
690	PACK		12-19-06	RA	

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Serial Number: C6225470

Model: 700



RE00052593

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225470.___0
FILE DATE AND TIME: 10/12/2002 13:31

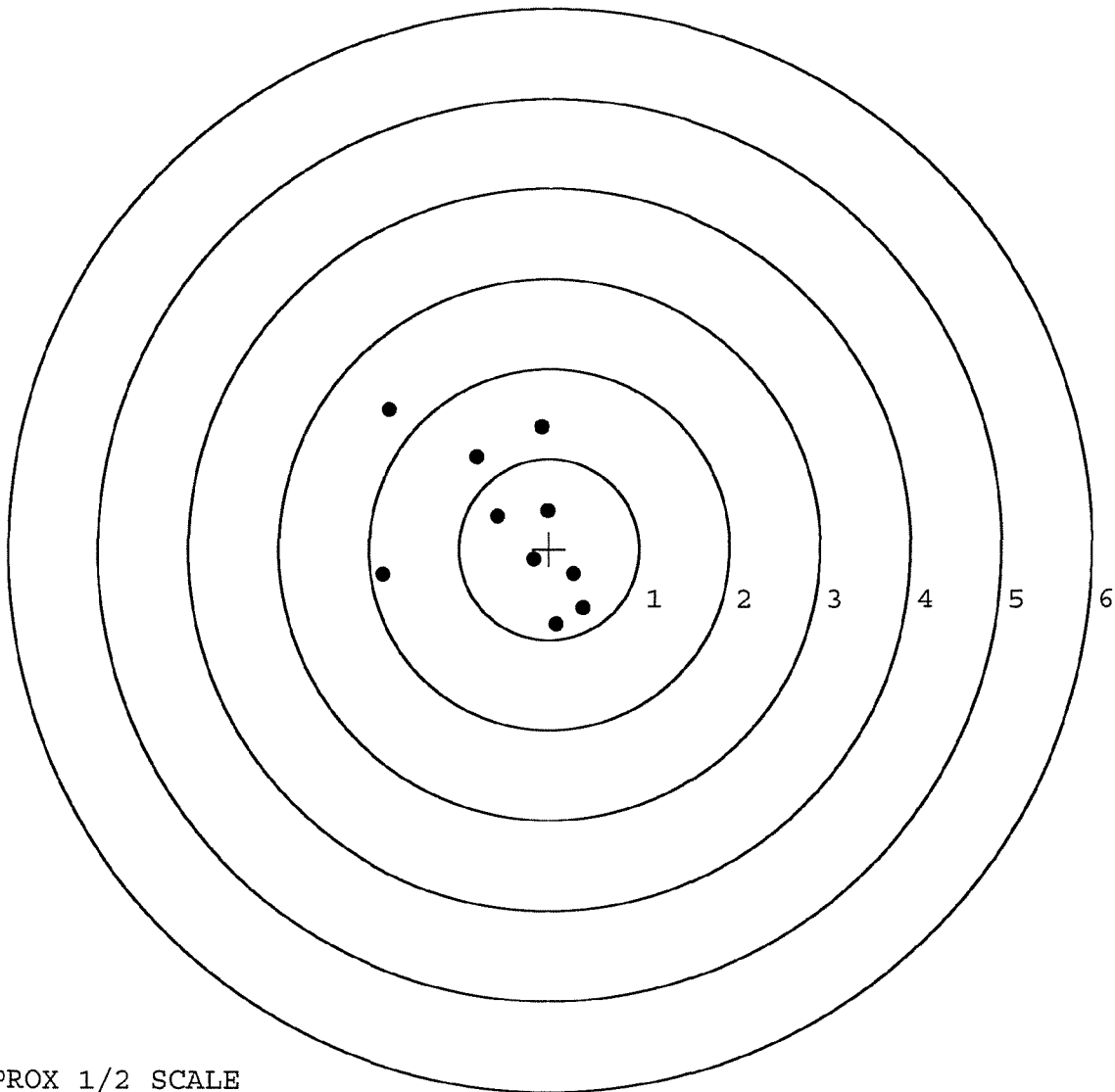
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.245
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.245
The Average Mean Radius of the Five Target Set:	0.806
The Distance from POA to Centroid Target #1:	0.521
The Distance from Centroid Target #2 to Centroid Target #1:	0.403
The Distance from Centroid Target #3 to Centroid Target #1:	0.473
The Distance from Centroid Target #4 to Centroid Target #1:	0.517
The Distance from Centroid Target #5 to Centroid Target #1:	0.267

SERIAL NUMBER: C6225470. __0
TARGET NUMBER: 1
FILE DATE: 10/12/2002
FILE TIME: 13:31

POINT#	X	Y
1:	-1.783	1.546
2:	-1.840	-0.281
3:	-0.811	1.019
4:	-0.092	1.351
5:	-0.584	0.362
6:	-0.021	0.423
7:	-0.169	-0.118
8:	0.278	-0.278
9:	0.384	-0.659
10:	0.082	-0.837

X CENTROID: -0.456
Y CENTROID: 0.253
POA TO CENTROID: 0.521
HORZ SPREAD: 2.224
VERT SPREAD: 2.383
GROUP SPREAD: 3.092
MIN RADIUS: 0.169
MAX RADIUS: 1.853
MEAN RADIUS: 0.980
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

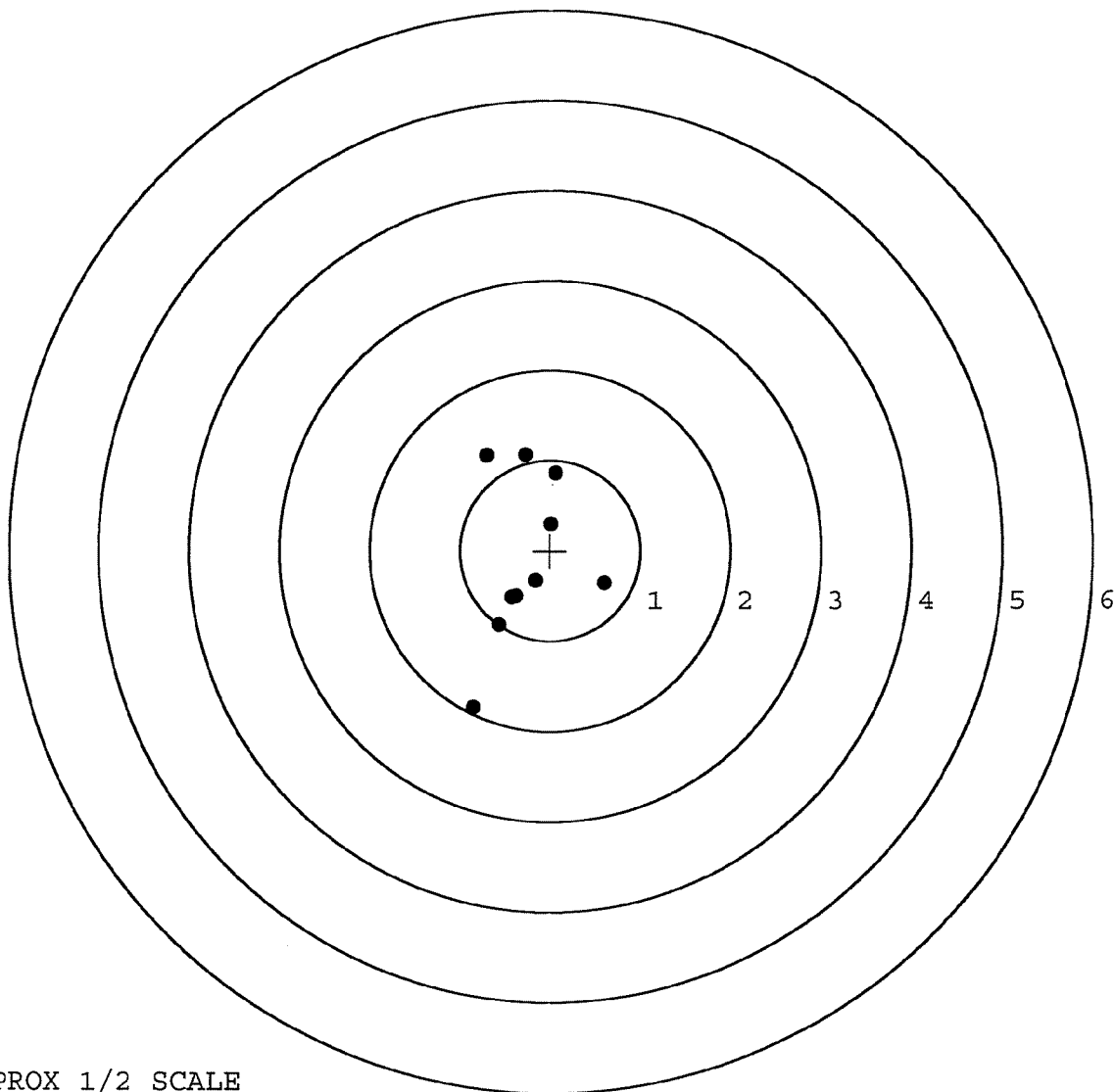


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470. __0
TARGET NUMBER: 2
FILE DATE: 10/12/2002
FILE TIME: 13:31

POINT#	X	Y
1:	-0.710	1.047
2:	-0.275	1.057
3:	0.063	0.859
4:	0.009	0.298
5:	-0.160	-0.340
6:	-0.379	-0.510
7:	-0.567	-0.828
8:	-0.849	-1.742
9:	0.604	-0.362
10:	-0.433	-0.523

X CENTROID: -0.270
Y CENTROID: -0.104
POA TO CENTROID: 0.289
HORZ SPREAD: 1.453
VERT SPREAD: 2.799
GROUP SPREAD: 2.857
MIN RADIUS: 0.260
MAX RADIUS: 1.737
MEAN RADIUS: 0.846
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470.___0

TARGET NUMBER: 3

FILE DATE: 10/12/2002

FILE TIME: 13:31

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

1:	-0.958	1.446
----	--------	-------

2:	-0.660	0.798
----	--------	-------

3:	-0.867	-0.121
----	--------	--------

4:	-0.158	-1.237
----	--------	--------

5:	0.518	-1.954
----	-------	--------

6:	0.601	-0.137
----	-------	--------

7:	0.162	0.364
----	-------	-------

8:	-0.221	0.024
----	--------	-------

9:	-0.073	-0.345
----	--------	--------

10:	-0.086	-0.112
-----	--------	--------

X CENTROID: -0.174

Y CENTROID: -0.127

POA TO CENTROID: 0.216

HORZ SPREAD: 1.559

VERT SPREAD: 3.400

GROUP SPREAD: 3.707

MIN RADIUS: 0.090

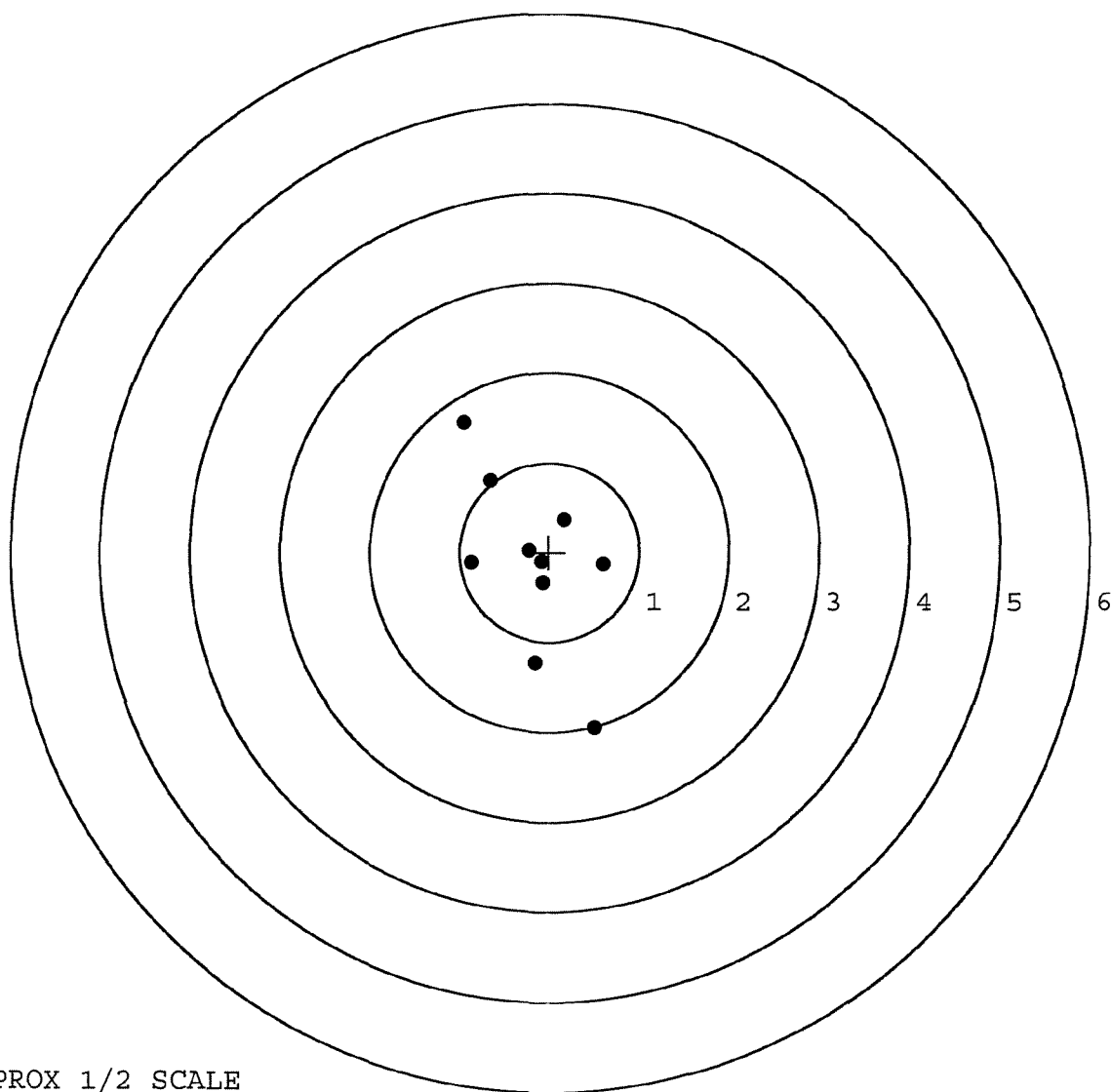
MAX RADIUS: 1.953

MEAN RADIUS: 0.842

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470. __0

TARGET NUMBER: 4

FILE DATE: 10/12/2002

FILE TIME: 13:31

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

1:	0.378	-1.324
----	-------	--------

2:	-0.538	0.581
----	--------	-------

3:	-0.047	0.673
----	--------	-------

4:	0.094	0.448
----	-------	-------

5:	0.364	0.064
----	-------	-------

6:	0.057	-0.139
----	-------	--------

7:	-0.135	-0.715
----	--------	--------

8:	-0.399	-0.307
----	--------	--------

9:	-0.318	-0.093
----	--------	--------

10:	-0.070	-0.003
-----	--------	--------

X CENTROID: -0.061

Y CENTROID: -0.082

POA TO CENTROID: 0.102

HORZ SPREAD: 0.916

VERT SPREAD: 1.997

GROUP SPREAD: 2.114

MIN RADIUS: 0.079

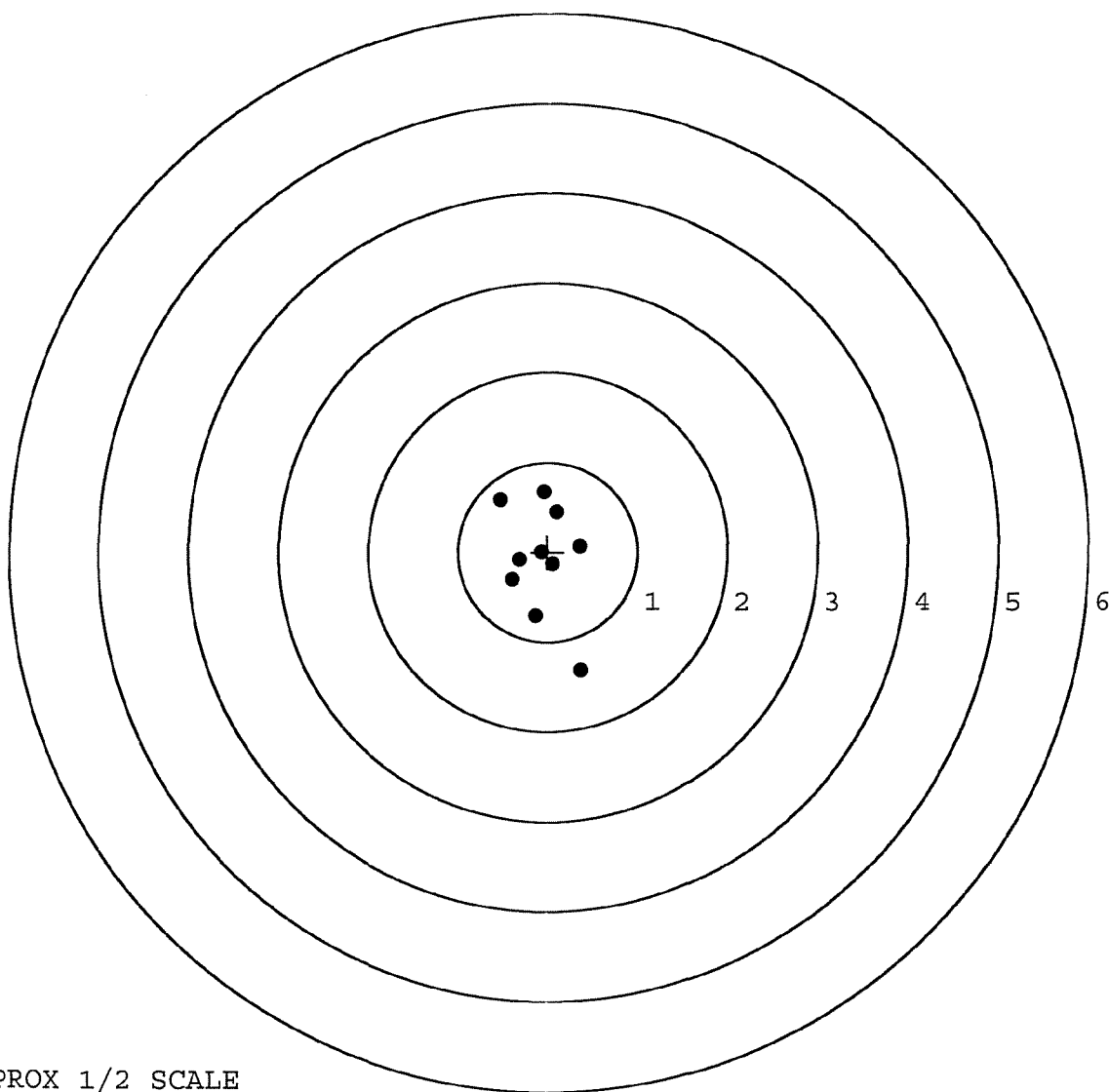
MAX RADIUS: 1.318

MEAN RADIUS: 0.540

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225470. __0

TARGET NUMBER: 5

FILE DATE: 10/12/2002

FILE TIME: 13:31

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

1:	-1.545	1.530
----	--------	-------

2:	-1.059	-0.571
----	--------	--------

3:	-0.606	-1.242
----	--------	--------

4:	-0.058	-0.382
----	--------	--------

5:	0.511	-0.471
----	-------	--------

6:	0.633	0.375
----	-------	-------

7:	0.005	0.182
----	-------	-------

8:	-0.013	0.376
----	--------	-------

9:	-0.426	0.501
----	--------	-------

10:	-0.091	0.365
-----	--------	-------

X CENTROID: -0.265

Y CENTROID: 0.066

POA TO CENTROID: 0.273

HORZ SPREAD: 2.178

VERT SPREAD: 2.772

GROUP SPREAD: 2.927

MIN RADIUS: 0.294

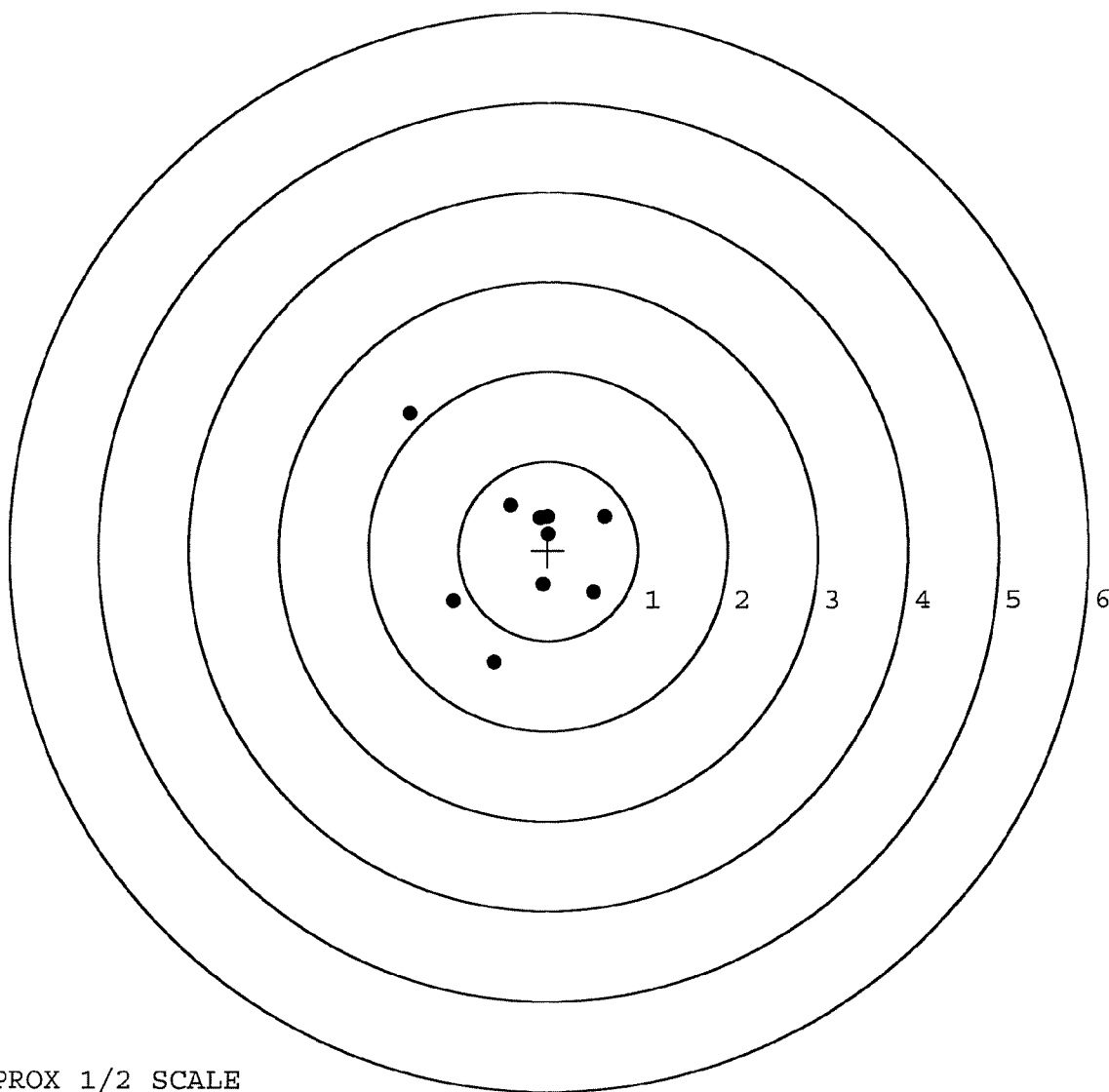
MAX RADIUS: 1.944

MEAN RADIUS: 0.820

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

Final Inspection

In: C 6725470

DATE REC'D: 9/19/02

DATE RET'D:

EDITOR: RW

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ FINISH
- ☒ Looseness
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

STOCK ASSY.

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

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments: _____

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

R & E NUMBER	52593		
SERIAL NUMBER	C6225470		
LOG-IN DATE	9-14/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/23/02	RL
560 A	RE-BARREL	9/23/02	RL
B	DRILL AND TAP	9-24-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	AC
605	CHECK HEADSPACE	9-25-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	TRW
618	ROTO-BLAST	9/30/02	KO
620	APPLY COATINGS	10-5	TH
625 A	FINAL ASSEMBLY	10/9/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-11-02	TRW
655	FINAL INSPECT	10/14/02	RL
660	PACK	10/16/02	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington®



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

MODEL 700™ M24

SERIAL NO.
C6225470

ORDER NO.
5716

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

20



5716 C6225470

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225470

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12-22-88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/22/88	WJC.
617	Drill and Tap Sight Holes	1 8 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-18-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/1/89	RW
	C) Inspect Ejector Hole for Chamfer		2/1/89	RW
	D) Oil Firing Pin Ass'y		2/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/31/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/26/89	JS
	G) Safety Off Force	3	3	3			3/26/89	JS
	H) Trigger Pull Test & Retainability						1/26/89	JS
	I) Firing Pin Indent	.021	.021	.021			3/26/89	JS
	J) Assemble Stock						2/8/89	EW
	K) Assemble Swivel Studs						10/26/89	JS
	L) Attach Front and Rear Sight Assemblies						2/8/89	EW
	M) Iron Sight Alignment						2/8/89	EW
	N) Detach Front & Rear Sights & place in numbered container						2/8/89	EW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times						9/26/89	JS
640	Gallery Target & Test	682	846				2/9/89	DH
	A) Time						2/9/89	DH
	B) Malfunctions						2/9/89	DH
	C) Pierced Primers						2/9/89	DH
	D) Optical Clarity of Scope						2/9/89	DH
645	Inspect for Live Ammo						2/9/89	DH
655	Final Inspection							
	A) Headspace						10/26/89	JS
	B) Trigger Pull	2.44	2.49	2.18	2.19	2.08	10/26/89	JS
	C) Function						10/26/89	JS
660	Pack						2/26/89	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. 5470

DATE 4/3/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.47	2.38	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.40	2.45	
PULL #3	2.48	2.42	2.44	
PULL #4	2.48	2.42	2.44	
PULL #5	2.45	2.44	2.44	
TOTAL	12.34	12.06	12.21	
AVG.	2.46	2.41	2.44	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.18	3.14	
PULL #2	3.14	3.10	
PULL #3	3.16	3.18	
PULL #4	3.18	3.17	
PULL #5	3.14	3.14	
TOTAL	15.80	15.73	
AVG.	3.16	3.14	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.25		
PULL #2	4.22	4.19		
PULL #3	4.22	4.20		
PULL #4	4.20	4.12		
PULL #5	4.25	4.18		
TOTAL	21.15	20.94		
AVG.	4.23	4.18		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225470
10 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.427984
1 TO	2	.159452
1 TO	3	.484831
1 TO	4	.501391
1 TO	5	.571183

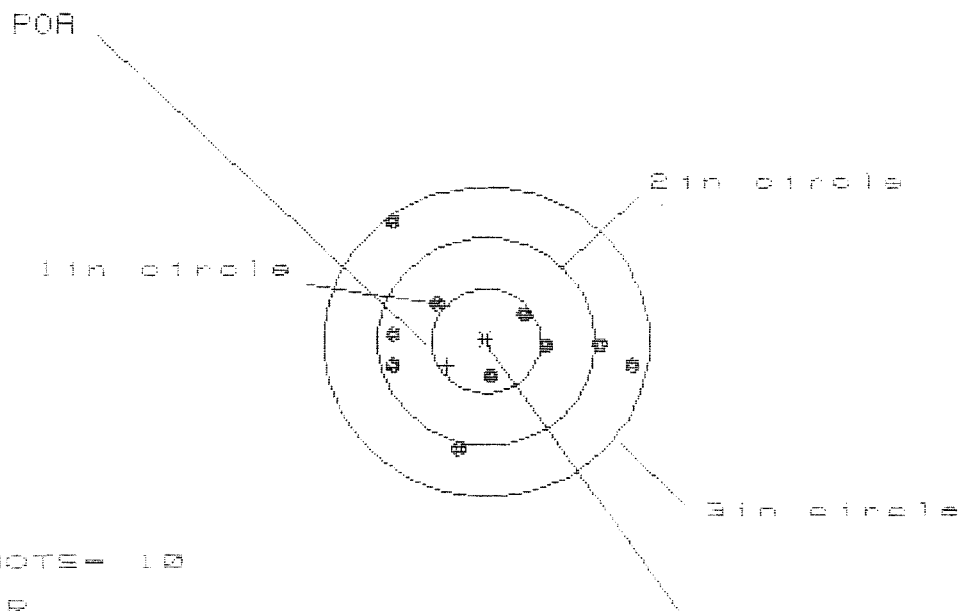
+²₅ ³ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6008
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1226
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .613181
THE AME FOR THIS RIFLE IS: .9378

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225470

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 10

IS = 0.000

VS = 0.198

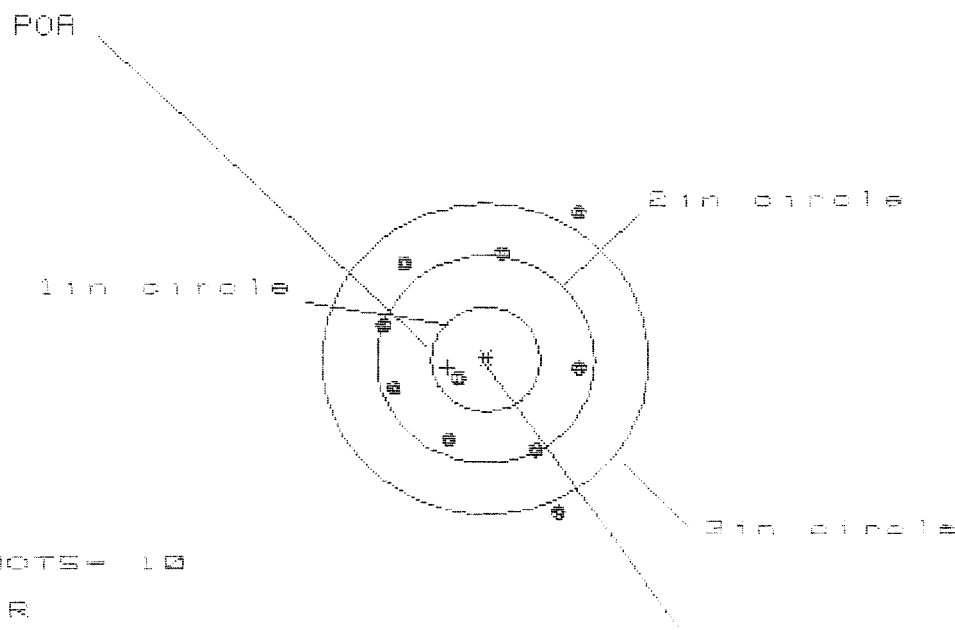
CS = 0.000

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.343	1.247	1.084
MINIMUM X	-0.890	-0.986	-0.831
MAXIMUM Y	1.180	0.477	0.460
MINIMUM Y	-1.012	-0.881	-0.898
CENTROID X	0.359	0.455	0.299
CENTROID Y	0.233	0.102	0.119
FOR TO CENTROID in.	0.428	0.467	0.322
MIN RADIUS	0.287	0.161	0.198
MEAN RADIUS	0.848	0.764	0.699
MAX RADIUS	1.464	1.254	1.092
HORIZONTAL SPREAD	2.233	2.233	1.915
VERTICAL SPREAD	2.193	1.358	1.358
EXTREME SPREAD	2.638	2.233	1.935
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225470

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 1.781

VS = 2.876

GS = 2.882

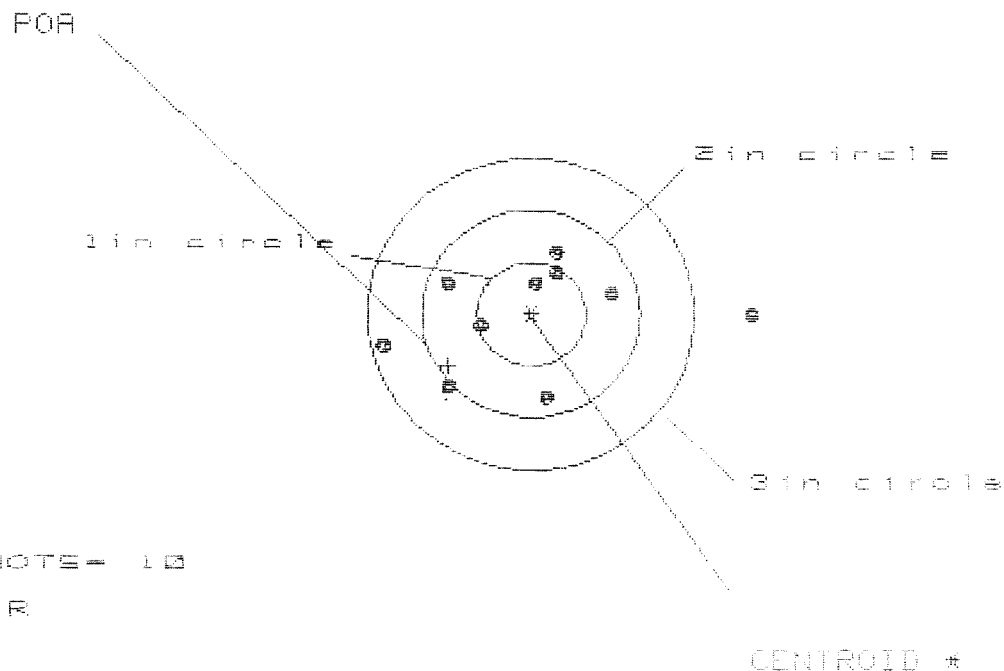
CENTROID X

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.925	1.024
MINIMUM X	:	-.900	-.802	-.703
MAXIMUM Y	:	1.413	1.212	1.049
MINIMUM Y	:	-1.463	-1.306	-.913
CENTROID X	:	.347	.249	.150
CENTROID Y	:	.074	-.083	.000
POR TO CENTROID in.	:	.354	.262	.170
MIN RADIUS	:	.301	.138	.202
MEAN RADIUS	:	1.039	.933	.853
MAX RADIUS	:	1.666	1.525	1.145
HORIZONTAL SPREAD	:	1.781	1.727	1.727
VERTICAL SPREAD	:	2.876	2.518	1.962
EXTREME SPREAD	:	2.882	2.784	2.269
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225470

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 3.391

VS = 1.406

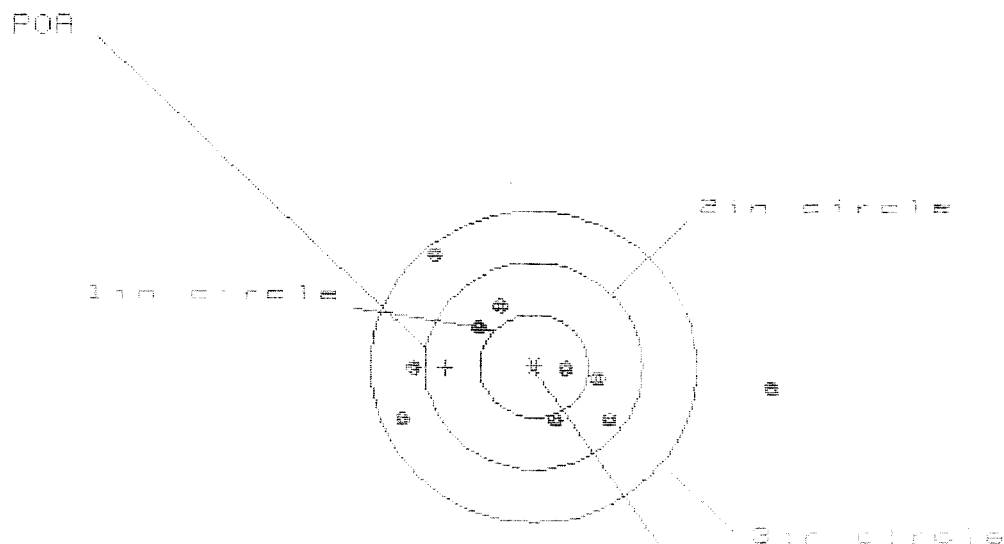
GS = 3.408

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.069	.949	.810
MINIMUM X	:	-1.322	-1.093	-.679
MAXIMUM Y	:	.639	.643	.685
MINIMUM Y	:	-.767	-.763	-.801
CENTROID X	:	.765	.536	.672
CENTROID Y	:	.498	.494	.532
FOR TO CENTROID in.	:	.913	.729	.857
MIN RADIUS	:	.296	.270	.278
MEAN RADIUS	:	.873	.720	.654
MAX RADIUS	:	2.069	1.134	.992
HORIZONTAL SPREAD	:	3.391	2.042	1.492
VERTICAL SPREAD	:	1.406	1.406	1.406
EXTREME SPREAD	:	3.408	2.104	1.731
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225470

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 3.407

VS = 1.651

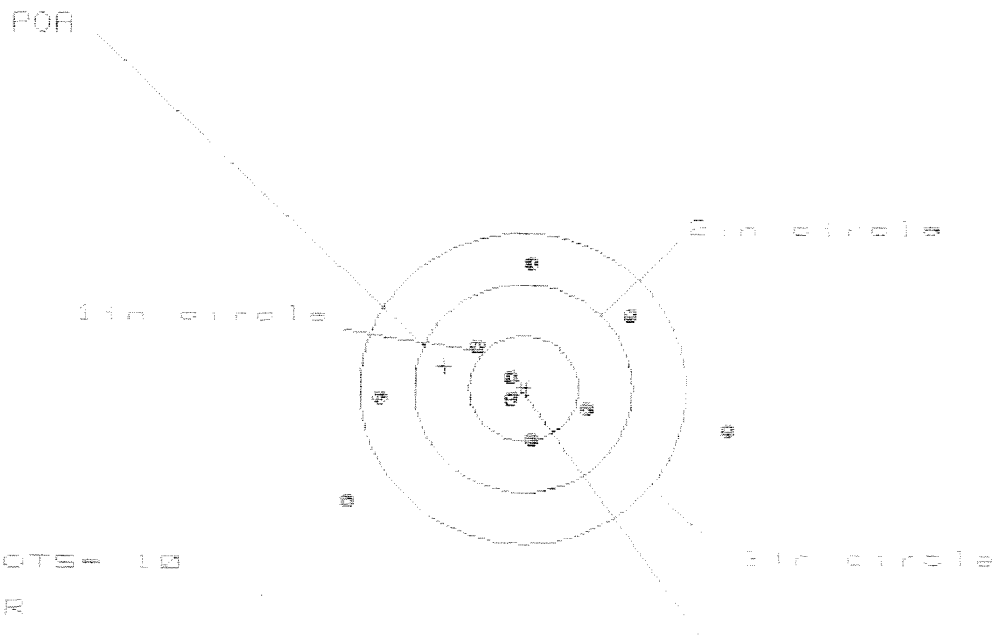
GS = 0.420

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.176	.912	.831
MINIMUM X	:	-1.231	-.989	-1.070
MAXIMUM Y	:	1.115	1.088	.648
MINIMUM Y	:	-.536	-.563	-.427
CENTROID X	:	.811	.569	.650
CENTROID Y	:	.016	.043	-.093
POA TO CENTROID in.	:	.811	.571	.656
MIN RADIUS	:	.319	.408	.477
MEAN RADIUS	:	.964	.823	.759
MAX RADIUS	:	2.190	1.266	1.151
HORIZONTAL SPREAD	:	3.407	1.901	1.901
VERTICAL SPREAD	:	1.651	1.651	1.075
EXTREME SPREAD	:	3.420	2.240	1.901
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225470

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 6

HS= 2.444

VS= 2.361

GS= 3.521

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.831	1.652	.993
MINIMUM X	:	-1.612	-1.482	-1.275
MAXIMUM Y	:	1.245	1.121	1.058
MINIMUM Y	:	-1.118	-.615	-.673
CENTROID X	:	.722	.982	.695
CENTROID Y	:	-.208	-.084	-.021
FOR TO CENTROID in.	:	.752	.906	.695
MIN RADIUS	:	.166	.289	.183
MEAN RADIUS	:	.965	.872	.727
MAX RADIUS	:	1.961	1.728	1.312
HORIZONTAL SPREAD	:	3.444	3.134	2.268
VERTICAL SPREAD	:	2.361	1.736	1.736
EXTREME SPREAD	:	3.521	3.145	2.419
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-09513

INITIAL CUSTOMER ORDER NO.

JJM 012060

WOG 5 OF 19
M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

05/14/97

05/14/97

BJ 1-89

C6225470

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGGNC
28307

CUST NO: 162915 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel Assy 96001
Front Sight Base - 96011Re powder Coat Trigger Guard
Assy & Rear Sight Base
Re zinc Scope Base &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

KT

5-16-97

7-7-97

7-15-97

7-15-97

OFFICE COPY

RD5925 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400061687

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225470

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>5-16-97</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>5-16-97</i>	<i>LW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>7-7-97</i>	<i>RW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>7-15/97</i>	<i>KT</i>
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225470

DATE REC'D: 5-14-97

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☐ FINISH

Item:

STOCK ASSY.

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

SCOPE ASSY.

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

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Comments: _____

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225470
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.33524
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0448
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .33822

THE AMR FOR THIS RIFLE IS: 1.246

CENTROIDAL DISTANCES

Ø TO	1	1.69345
1 TO	2	1.47238
1 TO	3	1.56533
1 TO	4	2.17624
1 TO	5	1.61704

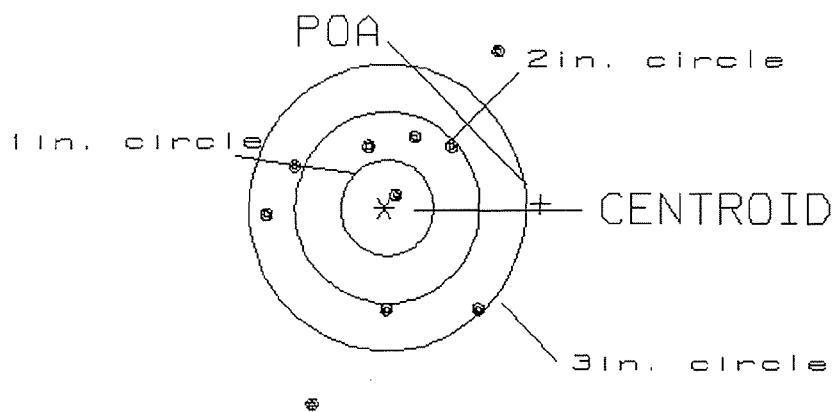
1 2
 3
 4<----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: 1.693
 MIN RADIUS : .184
 MEAN RADIUS : 1.193
 MAX RADIUS : 2.234
 CENTROID X : -1.693
 CENTROID Y : -.039

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225470

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.56

1

VS= 3.69

4

GS= 4.21

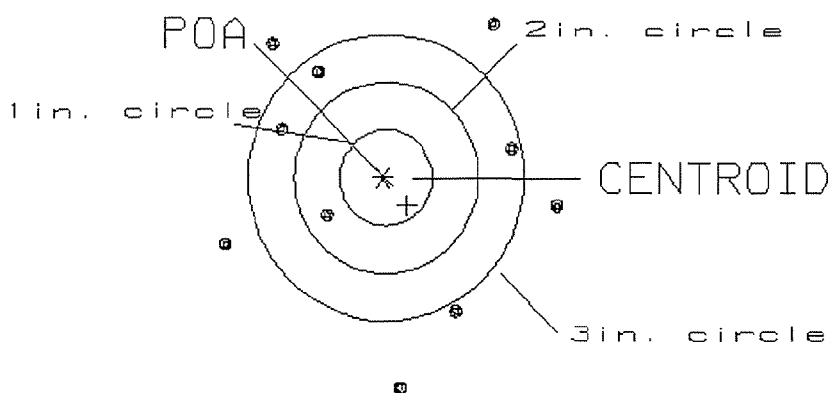
8

PATTERN #: 2
 POA TO CENTROID: .392
 MIN RADIUS : .729
 MEAN RADIUS : 1.610
 MAX RADIUS : 2.168
 CENTROID X : -.259
 CENTROID Y : .295

15 Jul 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225470

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.67

0

VS= 3.77

1

GS= 3.90

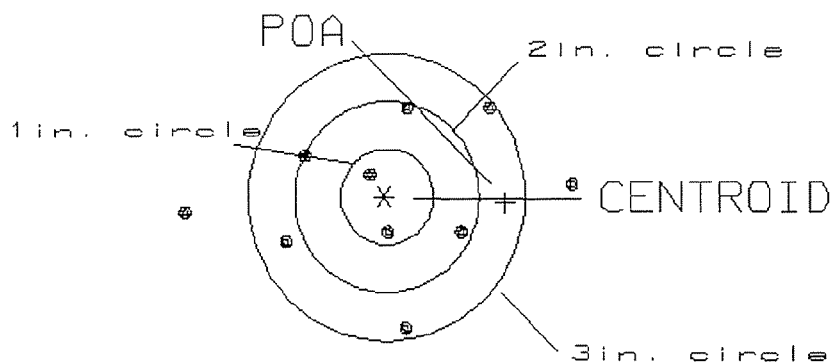
4

PATTERN #: 3
 POA TO CENTROID: 1.313
 MIN RADIUS : .292
 MEAN RADIUS : 1.163
 MAX RADIUS : 2.196
 CENTROID X : -1.312
 CENTROID Y : .066

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225470

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.15

2

VS= 2.31

4

GS= 4.16

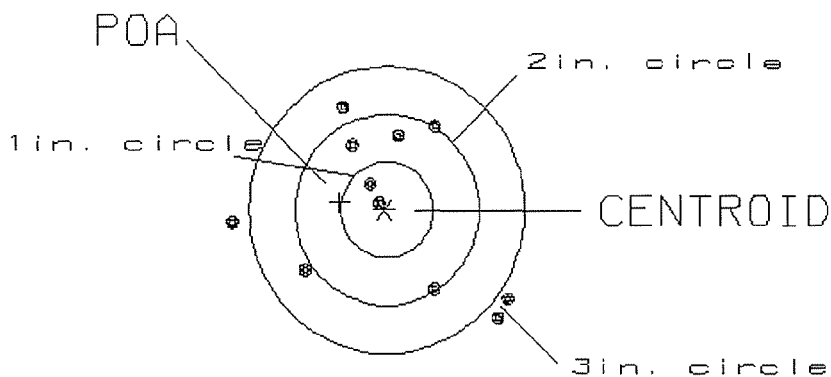
8

PATTERN #: 4
 POA TO CENTROID: .488
 MIN RADIUS : .129
 MEAN RADIUS : 1.015
 MAX RADIUS : 1.661
 CENTROID X : .483
 CENTROID Y : -.071

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225470

CENTERFIRE PATTERN # 4



OF SHOTS= 11

IN CIRCLE

HS= 2.96

2

VS= 2.12

5

GS= 3.09

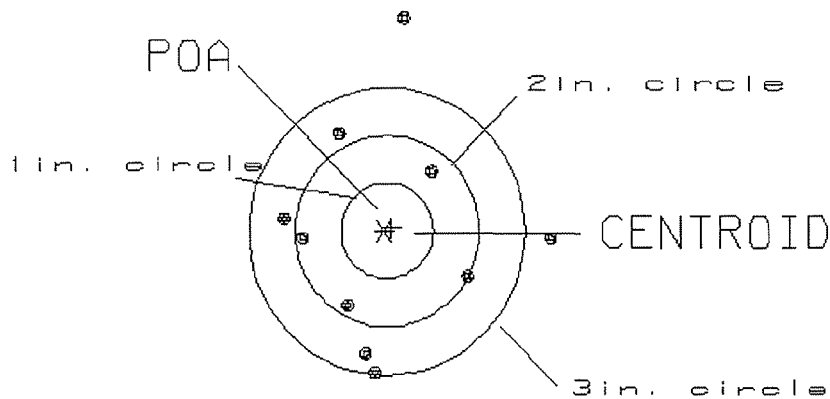
8

PATTERN #: 5
 POA TO CENTROID: .081
 MIN RADIUS : .767
 MEAN RADIUS : 1.248
 MAX RADIUS : 2.242
 CENTROID X : -.076
 CENTROID Y : -.027

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225470

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.83

0

VS= 3.68

4

GS= 3.69

8