

C6225422

MODEL 700TM M24

Model **SMS**TM

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: RE00144397

Serial: C6225422 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/14/2008 1:18:14 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: BROCK BUDDLES

BROCK BUDDLES

Address 1: C CO 1ST BN

C CO 1ST BN

Address 2: 7TH SFG (A)

PO Box:

7TH SFG (A)

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
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

4/14/2008

3:26 PM

NUM



Serial Number: C6225422

Model: M24 SWS



RE00144397

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

P & B NUMBER 144397
SERIAL NUMBER C6225422
LOG-IN DATE 4-14-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-17-08	RTZ
505	RE-BARREL	4-22-08	RTZ
560	ASSEMBLE	4-22-08	RTZ
600	PROOF	4-22-08	TRW
605	CHECK HEADSPACE	4-22-08	TRW
610	DIS-ASSEMBLE GUN	4-22-08	RTZ
612	MAGNAFLUX	4-22-08	RTZ
510	DRILL AND TAP	4-22-08	TRW
615	ROLLMARK CALIBER	4-23-08	CW
618	ROTO-BLAST	4-24-08	DG
620	APPLY COATINGS	4-28-08	CW
625	FINAL ASSEMBLY	4-29-08	RTZ
640	FUNCTION TEST AND	5-5-08	RTZ
650	TARGET	5-5-08	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-5-08	RP
	A) HEADSPACE	5-7-08	RTZ
	B) TRIGGER PULL	2.53 2.53 2.37 2.49 2.54 5/7/08	Fm
	C) SAFETY ON FORCE	7 ⁰ 7 ⁰ 7 ⁰ 5-7-08	RTZ
	D) SAFETY OFF FORCE	3 ⁰ 27 ⁵ 3 ⁰ 5-7-08	RTZ
	E) FIRING PIN INDENT	021 021 021 5-7-08	RTZ
690	PACK	5/8/08	Fm

MAGNA - FLUX
APR 24 2008
OPERATOR *[Signature]*

N/A

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225422.___0
FILE DATE AND TIME: 05/06/2008 09:23

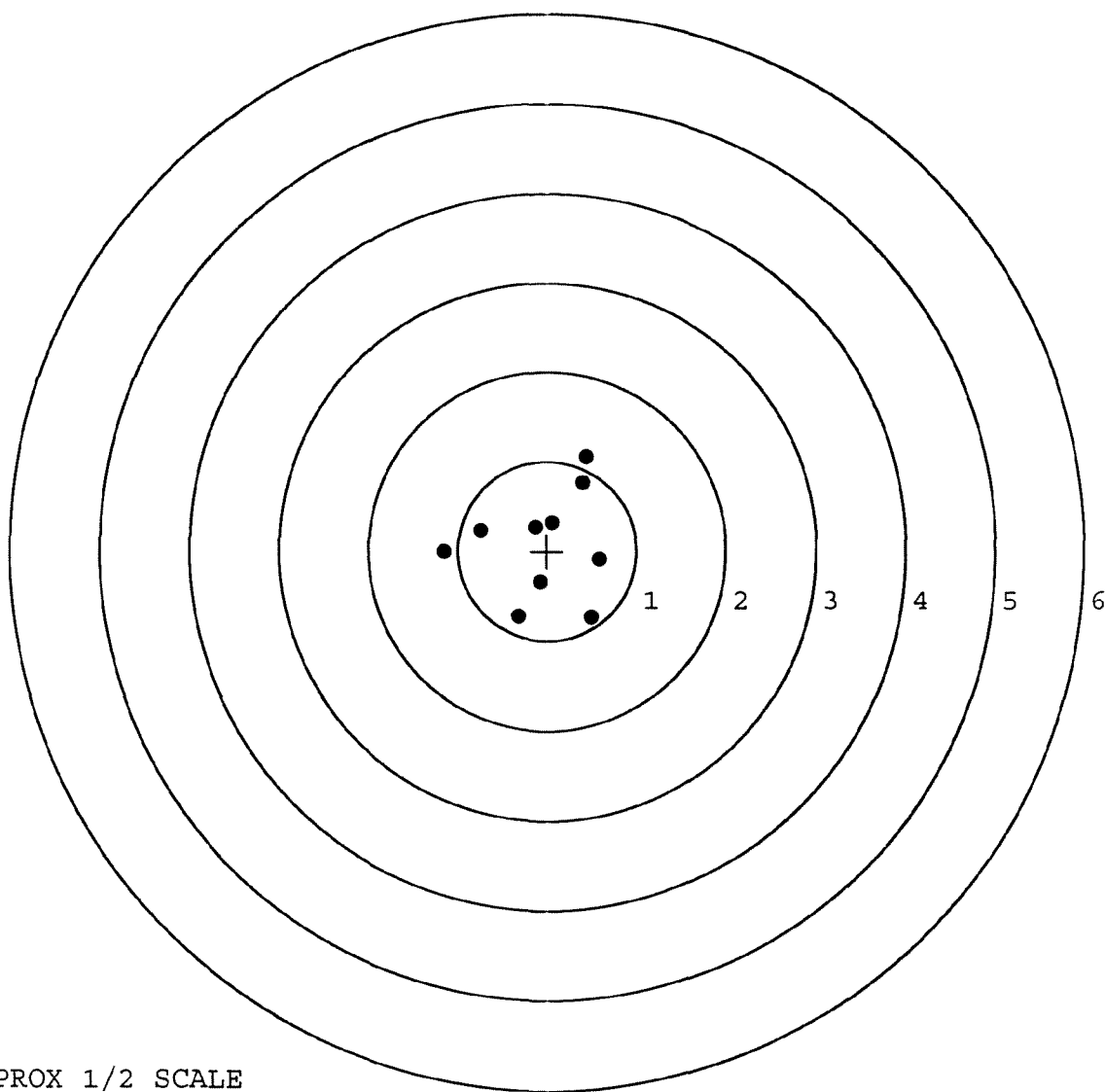
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.022
The Average Mean Radius of the Five Target Set:	0.646
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.052
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.189
The Distance from Centroid Target #5 to Centroid Target #1:	0.091

SERIAL NUMBER: C6225422.___0
TARGET NUMBER: 1
FILE DATE: 05/06/2008
FILE TIME: 09:23

POINT#	X	Y
1:	0.444	1.053
2:	0.400	0.763
3:	0.056	0.317
4:	-0.139	0.260
5:	-0.749	0.225
6:	-1.156	-0.014
7:	-0.322	-0.740
8:	-0.076	-0.347
9:	0.495	-0.741
10:	0.591	-0.098

X CENTROID: -0.046
Y CENTROID: 0.068
POA TO CENTROID: 0.082
HORZ SPREAD: 1.747
VERT SPREAD: 1.794
GROUP SPREAD: 1.923
MIN RADIUS: 0.214
MAX RADIUS: 1.113
MEAN RADIUS: 0.714
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422.___0

TARGET NUMBER: 2

FILE DATE: 05/06/2008

FILE TIME: 09:23

POINT#	X	Y
1:	-0.669	1.168
2:	-0.581	0.639
3:	-1.123	-0.713
4:	-0.393	-0.879
5:	0.780	0.528
6:	0.509	0.399
7:	0.062	0.232
8:	0.482	-0.164
9:	0.251	-0.392
10:	0.348	-0.643

X CENTROID: -0.033

Y CENTROID: 0.017

POA TO CENTROID: 0.038

HORZ SPREAD: 1.903

VERT SPREAD: 2.047

GROUP SPREAD: 2.077

MIN RADIUS: 0.235

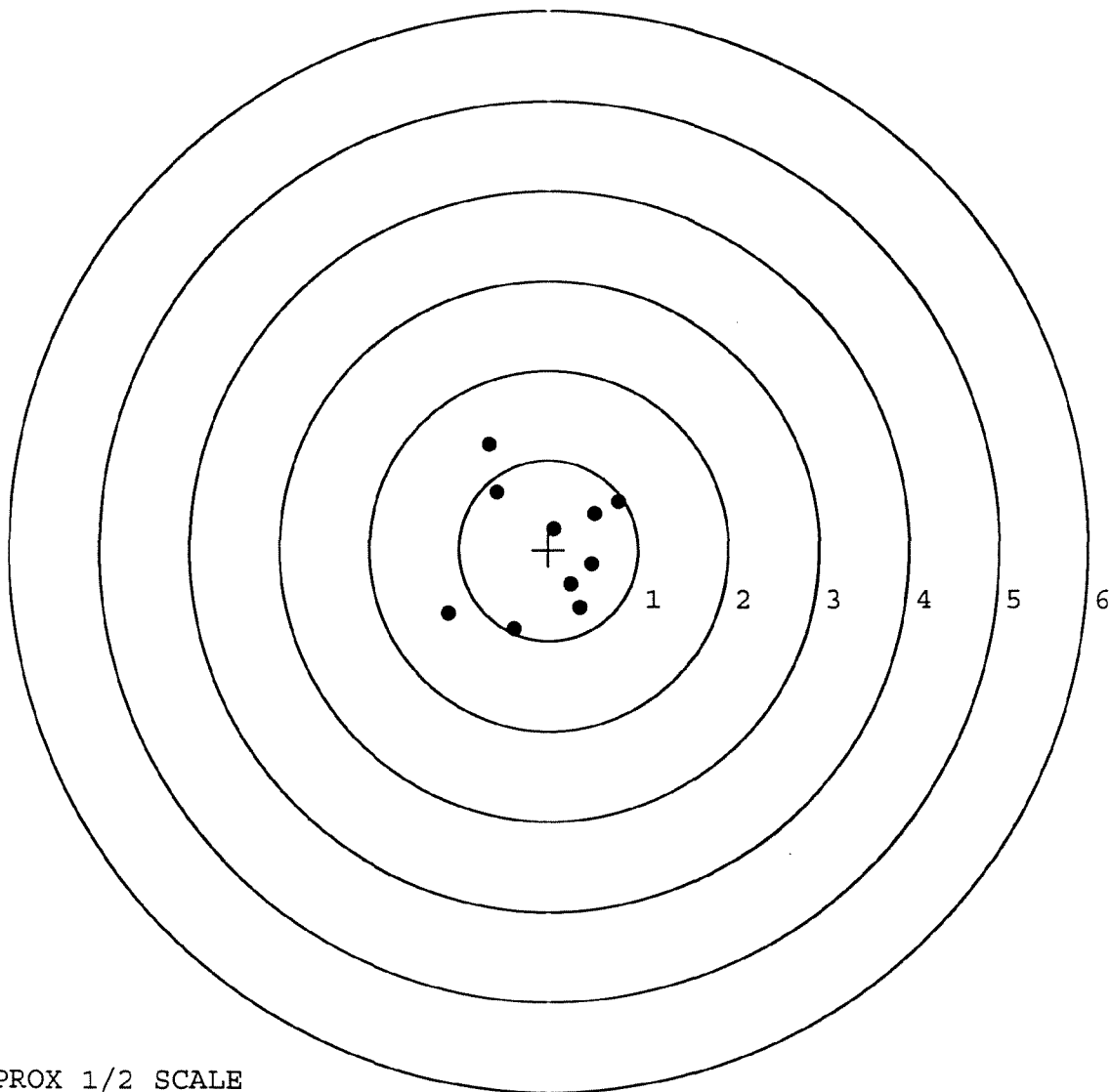
MAX RADIUS: 1.314

MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

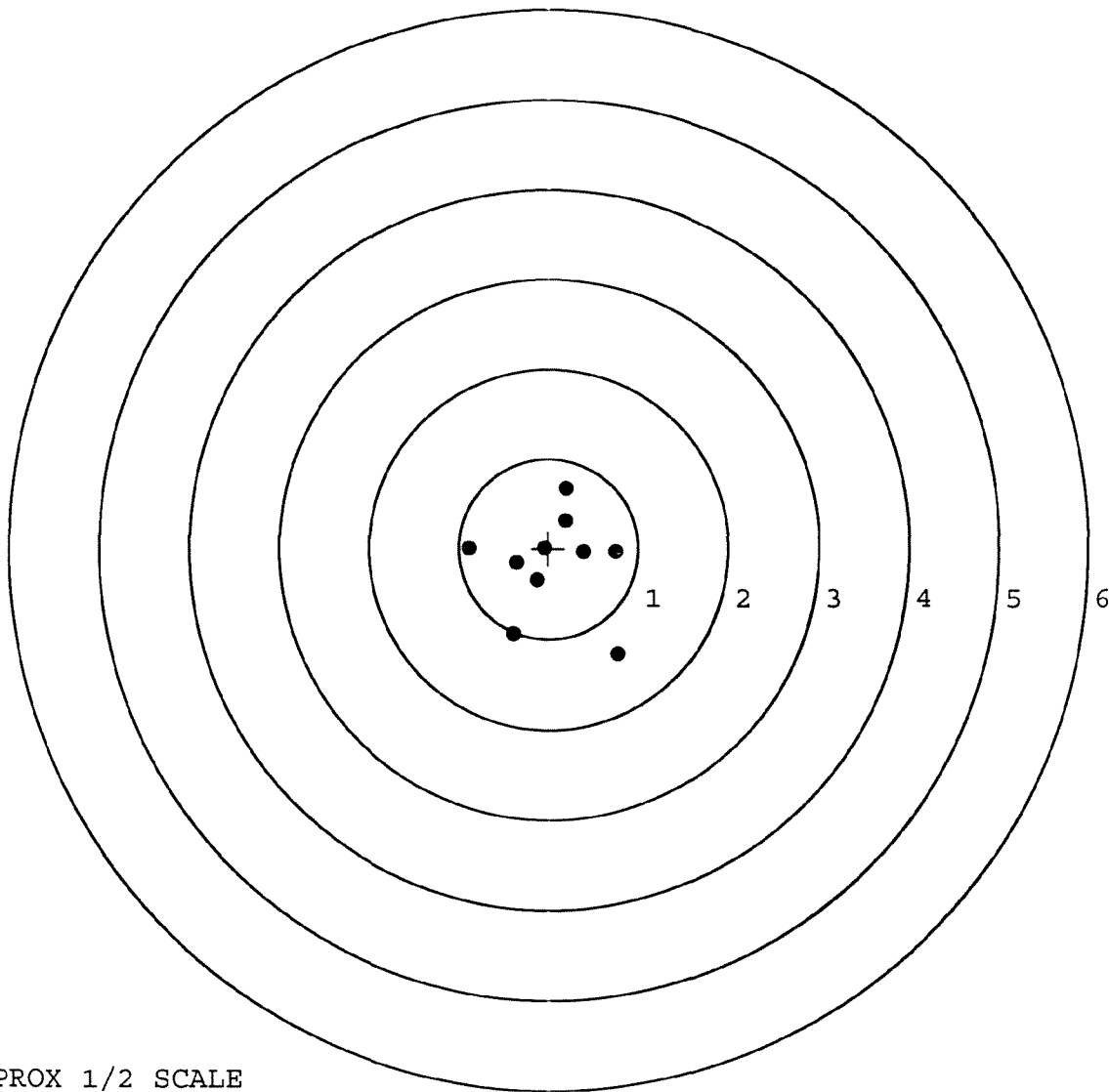


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422.___0
TARGET NUMBER: 3
FILE DATE: 05/06/2008
FILE TIME: 09:23

POINT#	X	Y
1:	0.768	-1.167
2:	-0.394	-0.948
3:	0.751	-0.042
4:	0.399	-0.044
5:	0.200	0.672
6:	0.190	0.313
7:	-0.044	0.002
8:	-0.130	-0.357
9:	-0.359	-0.163
10:	-0.888	-0.004

X CENTROID: 0.049
Y CENTROID: -0.174
POA TO CENTROID: 0.181
HORZ SPREAD: 1.656
VERT SPREAD: 1.839
GROUP SPREAD: 2.024
MIN RADIUS: 0.199
MAX RADIUS: 1.226
MEAN RADIUS: 0.639
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

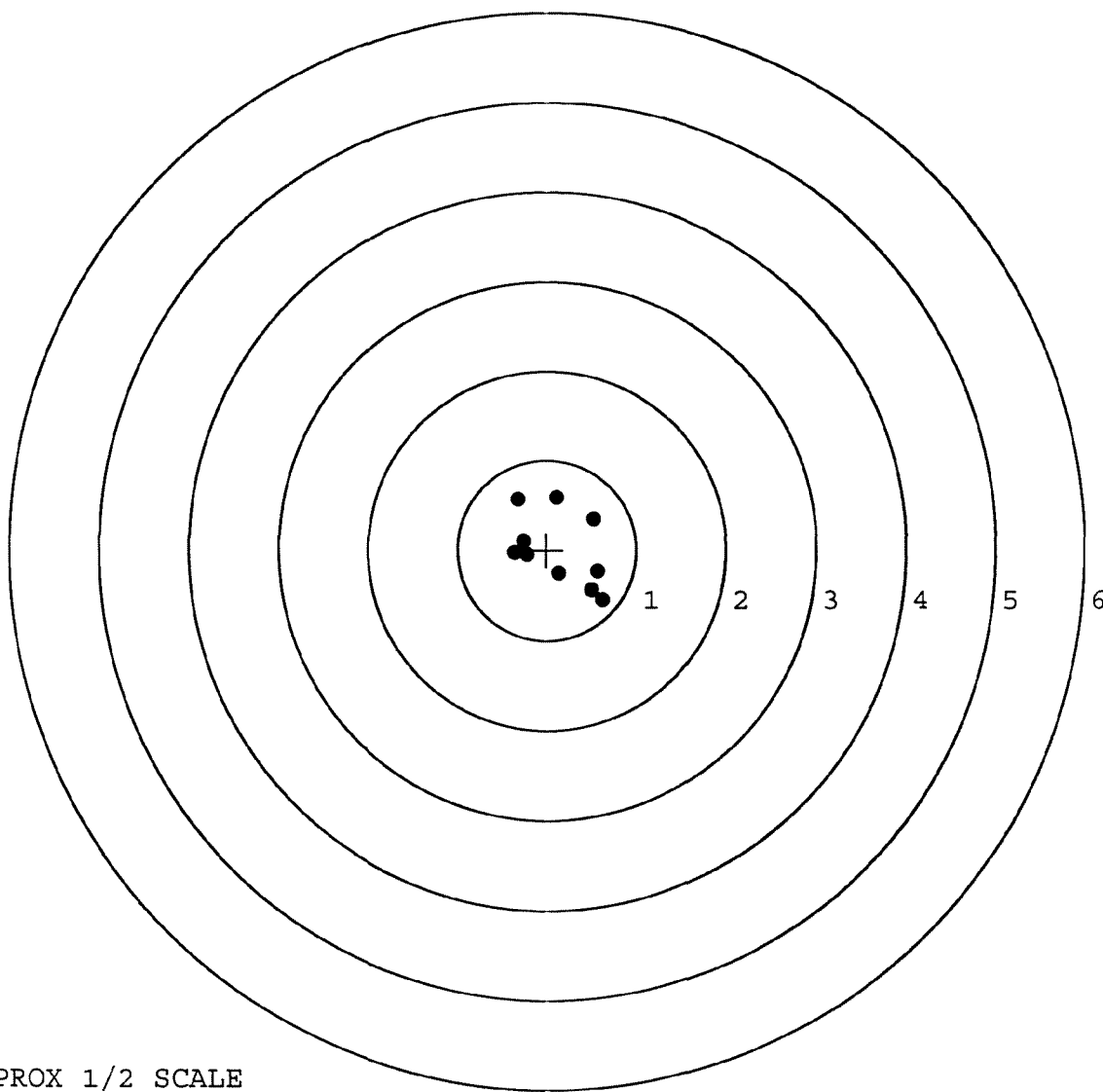


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422.___0
TARGET NUMBER: 4
FILE DATE: 05/06/2008
FILE TIME: 09:23

POINT#	X	Y
1:	0.623	-0.559
2:	0.504	-0.450
3:	0.572	-0.241
4:	0.526	0.343
5:	0.140	-0.262
6:	-0.261	0.099
7:	-0.360	-0.039
8:	0.112	0.581
9:	-0.330	0.562
10:	-0.223	-0.056

X CENTROID: 0.130
Y CENTROID: -0.002
POA TO CENTROID: 0.130
HORZ SPREAD: 0.983
VERT SPREAD: 1.140
GROUP SPREAD: 1.471
MIN RADIUS: 0.260
MAX RADIUS: 0.743
MEAN RADIUS: 0.518
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

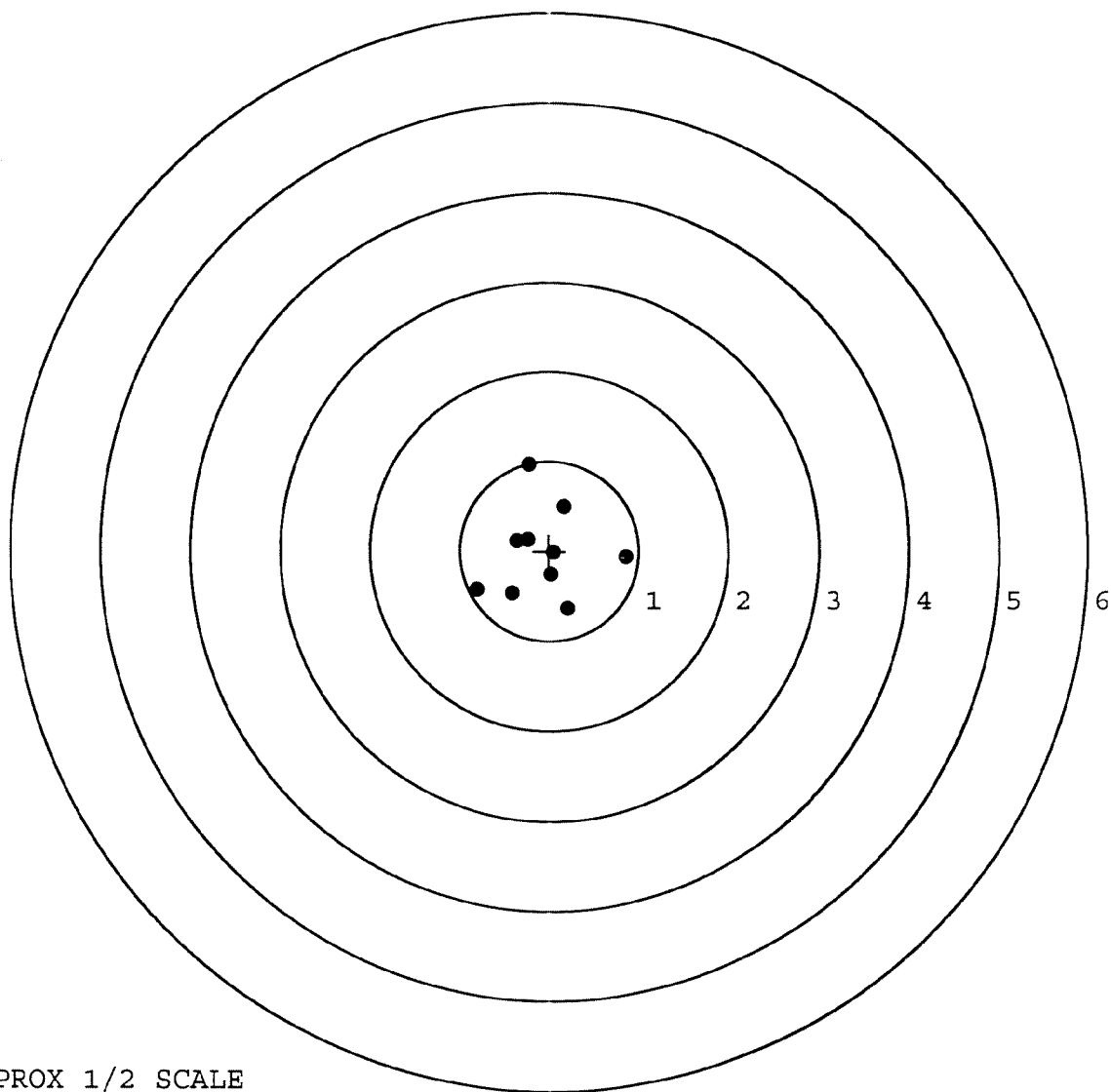


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422. 0
TARGET NUMBER: 5
FILE DATE: 05/06/2008
FILE TIME: 09:23

POINT#	X	Y
1:	-0.813	-0.427
2:	-0.419	-0.471
3:	0.208	-0.644
4:	0.855	-0.067
5:	0.023	-0.266
6:	0.050	-0.016
7:	-0.365	0.119
8:	0.169	0.495
9:	-0.233	0.962
10:	-0.240	0.133

X CENTROID: -0.077
Y CENTROID: -0.018
POA TO CENTROID: 0.079
HORZ SPREAD: 1.668
VERT SPREAD: 1.606
GROUP SPREAD: 1.665
MIN RADIUS: 0.127
MAX RADIUS: 0.993
MEAN RADIUS: 0.553
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: **RE00071430**Serial: C6225422 Model 700 Center Fire Caliber .7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 10/14/2003 1:06:21 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **COMMANDER HN SFGCAI****COMMANDER HN SFGCAI**Address 1: **ATTN ODA 715****ATTN ODA 715**Address 2: **SSG ROBLES**

PO Box:

SSG ROBLES

PO Box:

City: **FORT BRAGG****FORT 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:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search

Refresh

Close

nagleij

10/14/2003

1:22 PM

CAPS

NUM

INS

SCFL

Serial
Number:**C6225422**Model: **700****RE00071430**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225422.__0
FILE DATE AND TIME: 10/30/2003 18:42

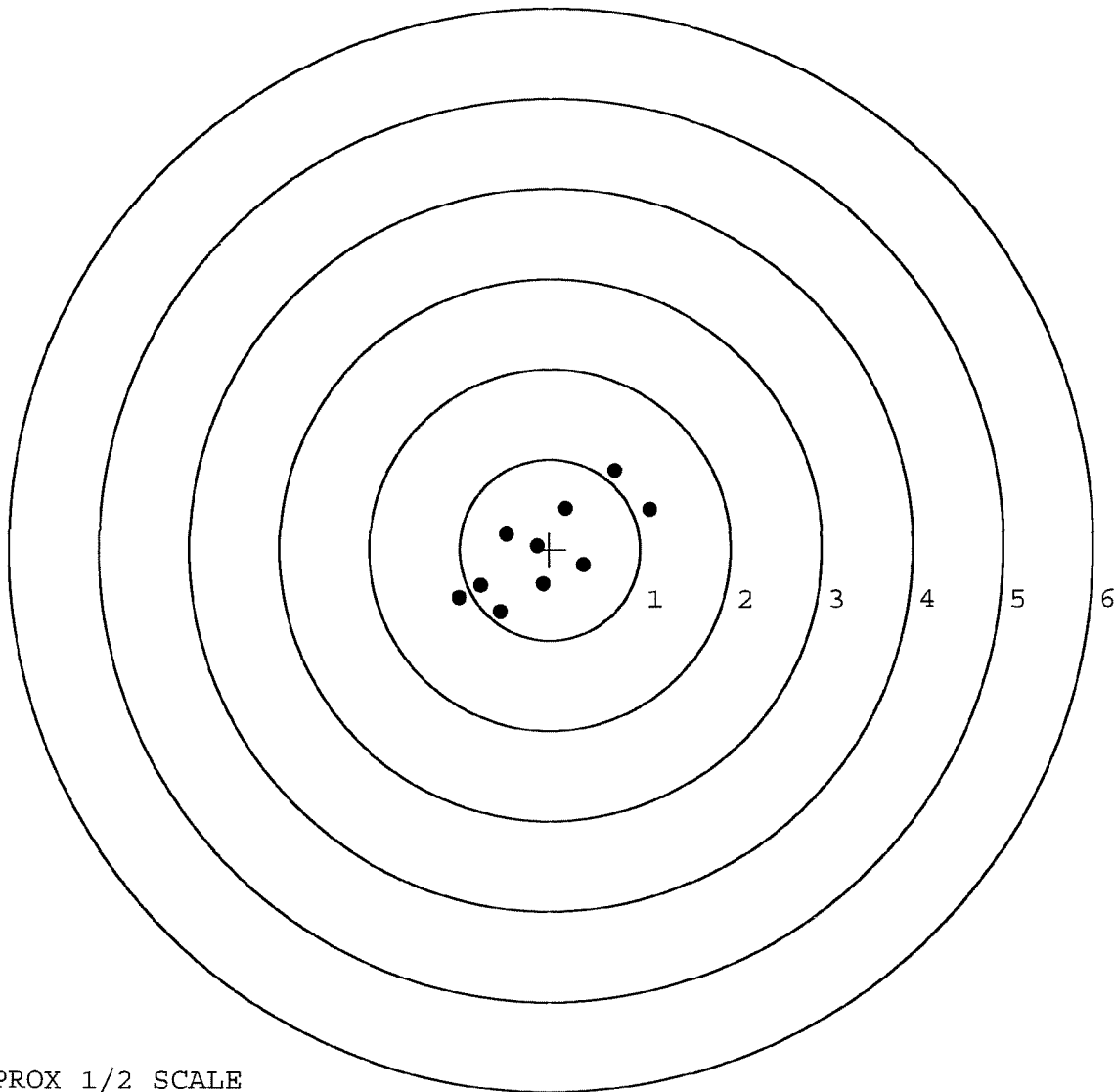
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.038
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.828
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.080
The Distance from Centroid Target #3 to Centroid Target #1:	0.258
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.225

SERIAL NUMBER: C6225422.___0
TARGET NUMBER: 1
FILE DATE: 10/30/2003
FILE TIME: 18:42

POINT#	X	Y
1:	1.101	0.436
2:	0.717	0.870
3:	0.171	0.451
4:	0.377	-0.174
5:	-1.013	-0.539
6:	-0.773	-0.406
7:	-0.550	-0.689
8:	-0.481	0.161
9:	-0.141	0.039
10:	-0.075	-0.383

X CENTROID: -0.067
Y CENTROID: -0.023
POA TO CENTROID: 0.071
HORZ SPREAD: 2.114
VERT SPREAD: 1.559
GROUP SPREAD: 2.328
MIN RADIUS: 0.097
MAX RADIUS: 1.255
MEAN RADIUS: 0.706
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

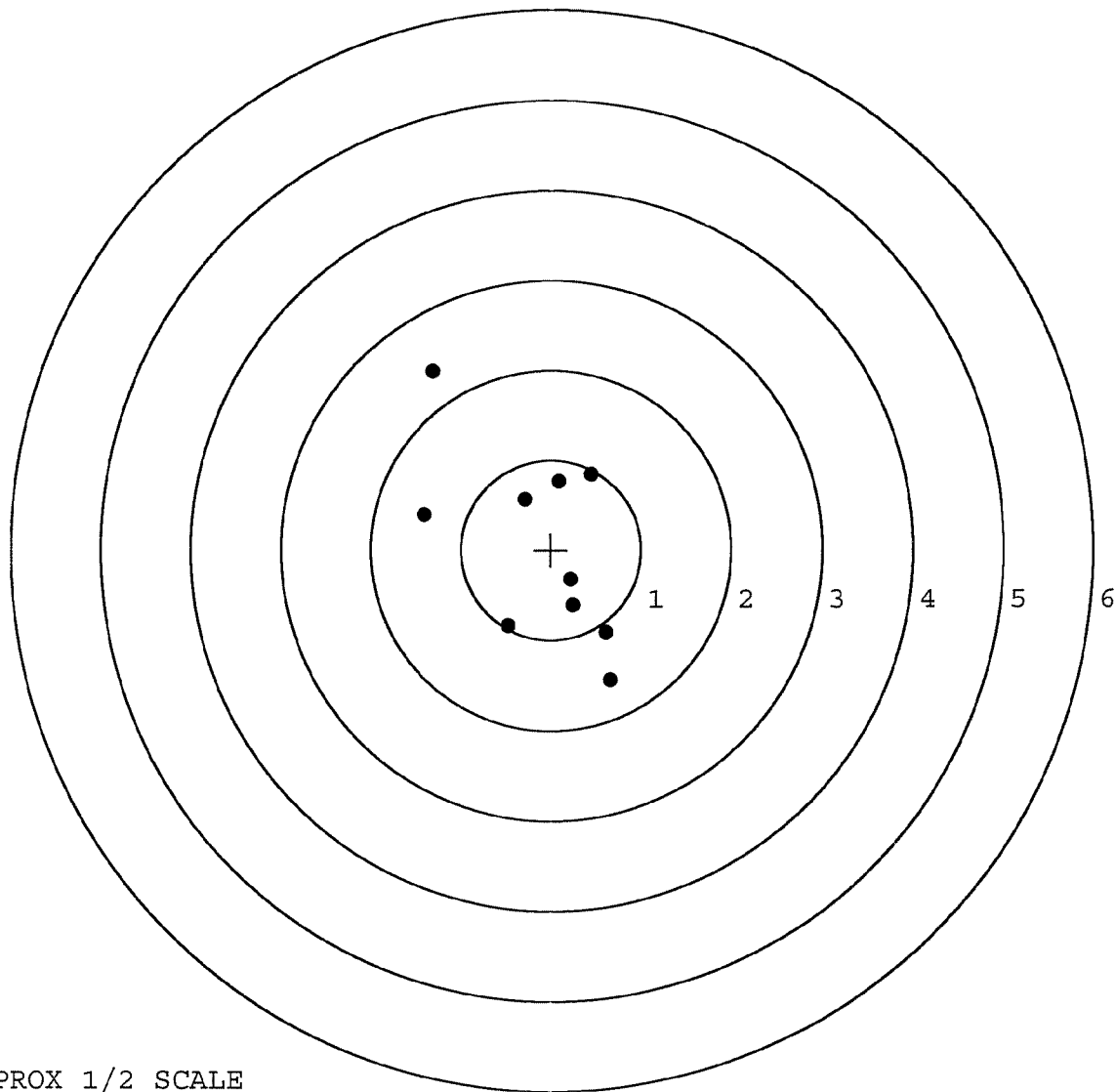


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422. __0
TARGET NUMBER: 2
FILE DATE: 10/30/2003
FILE TIME: 18:42

POINT#	X	Y
1:	0.663	-1.442
2:	0.615	-0.926
3:	0.251	-0.625
4:	0.225	-0.334
5:	-0.475	-0.851
6:	-1.410	0.388
7:	-0.287	0.563
8:	0.092	0.766
9:	0.448	0.845
10:	-1.315	1.986

X CENTROID: -0.119
Y CENTROID: 0.037
POA TO CENTROID: 0.125
HORZ SPREAD: 2.073
VERT SPREAD: 3.428
GROUP SPREAD: 3.958
MIN RADIUS: 0.506
MAX RADIUS: 2.287
MEAN RADIUS: 1.103
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

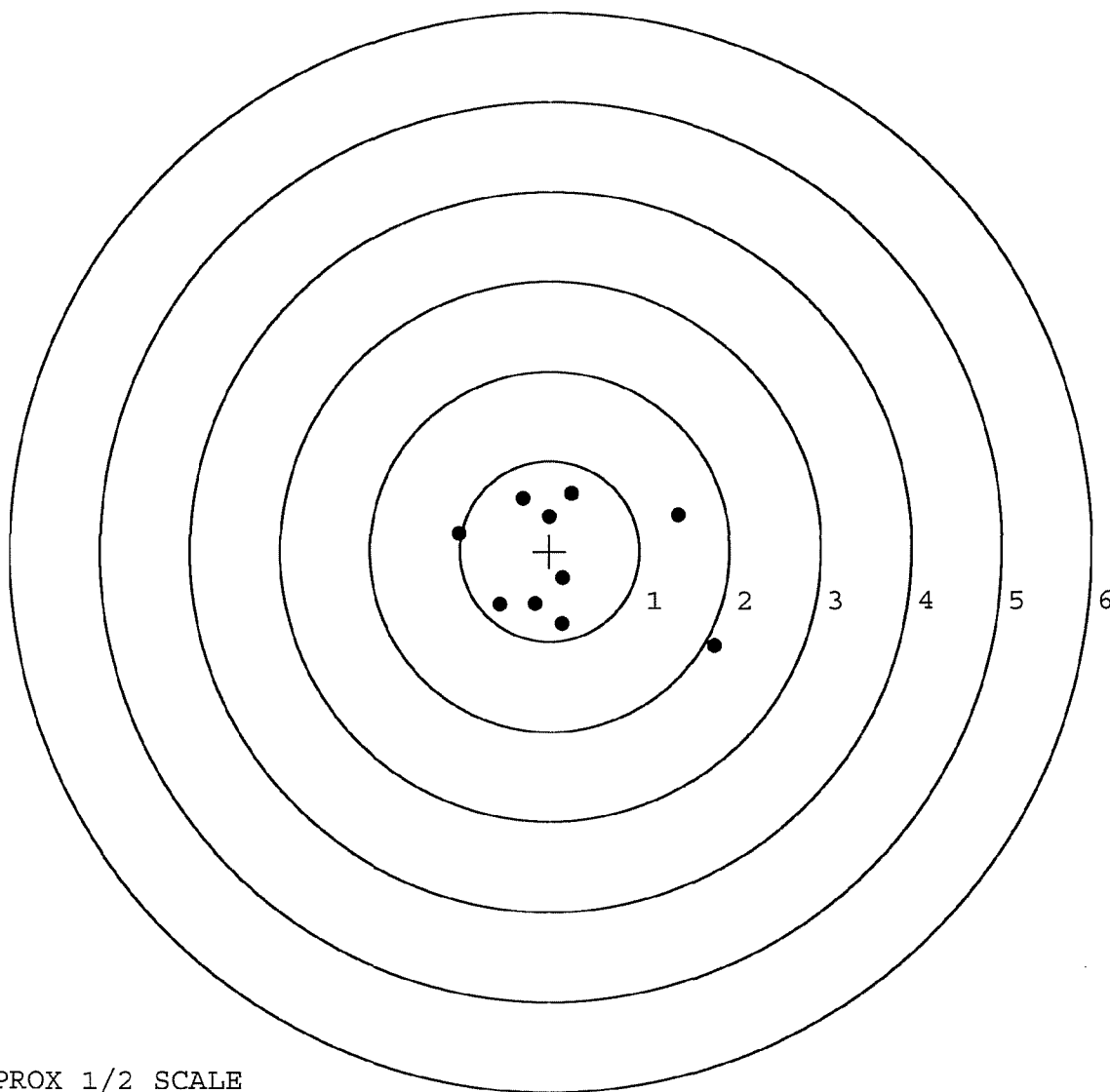


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422.___0
TARGET NUMBER: 3
FILE DATE: 10/30/2003
FILE TIME: 18:42

POINT#	X	Y
1:	1.827	-1.056
2:	1.426	0.400
3:	0.243	0.640
4:	-0.302	0.586
5:	-0.010	0.382
6:	0.152	-0.305
7:	0.146	-0.812
8:	-0.163	-0.589
9:	-0.560	-0.598
10:	-1.010	0.199

X CENTROID: 0.175
Y CENTROID: -0.115
POA TO CENTROID: 0.209
HORZ SPREAD: 2.837
VERT SPREAD: 1.696
GROUP SPREAD: 3.102
MIN RADIUS: 0.191
MAX RADIUS: 1.901
MEAN RADIUS: 0.897
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

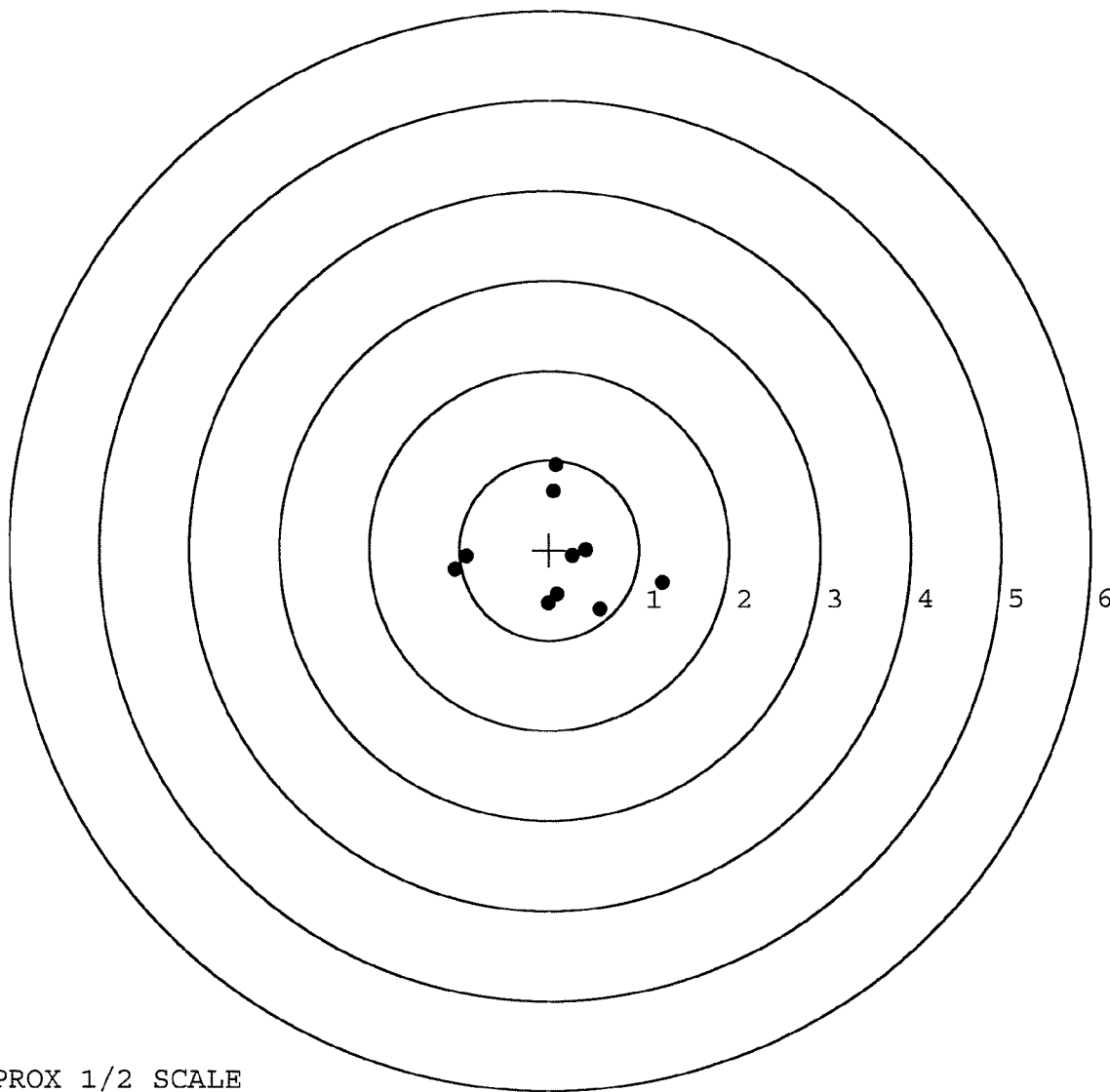


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422.___0
TARGET NUMBER: 4
FILE DATE: 10/30/2003
FILE TIME: 18:42

POINT#	X	Y
1:	1.257	-0.369
2:	0.568	-0.663
3:	-0.007	-0.600
4:	0.093	-0.495
5:	0.263	-0.073
6:	0.410	-0.008
7:	0.050	0.650
8:	0.078	0.945
9:	-0.926	-0.077
10:	-1.049	-0.221

X CENTROID: 0.074
Y CENTROID: -0.091
POA TO CENTROID: 0.117
HORZ SPREAD: 2.306
VERT SPREAD: 1.608
GROUP SPREAD: 2.311
MIN RADIUS: 0.190
MAX RADIUS: 1.215
MEAN RADIUS: 0.734
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

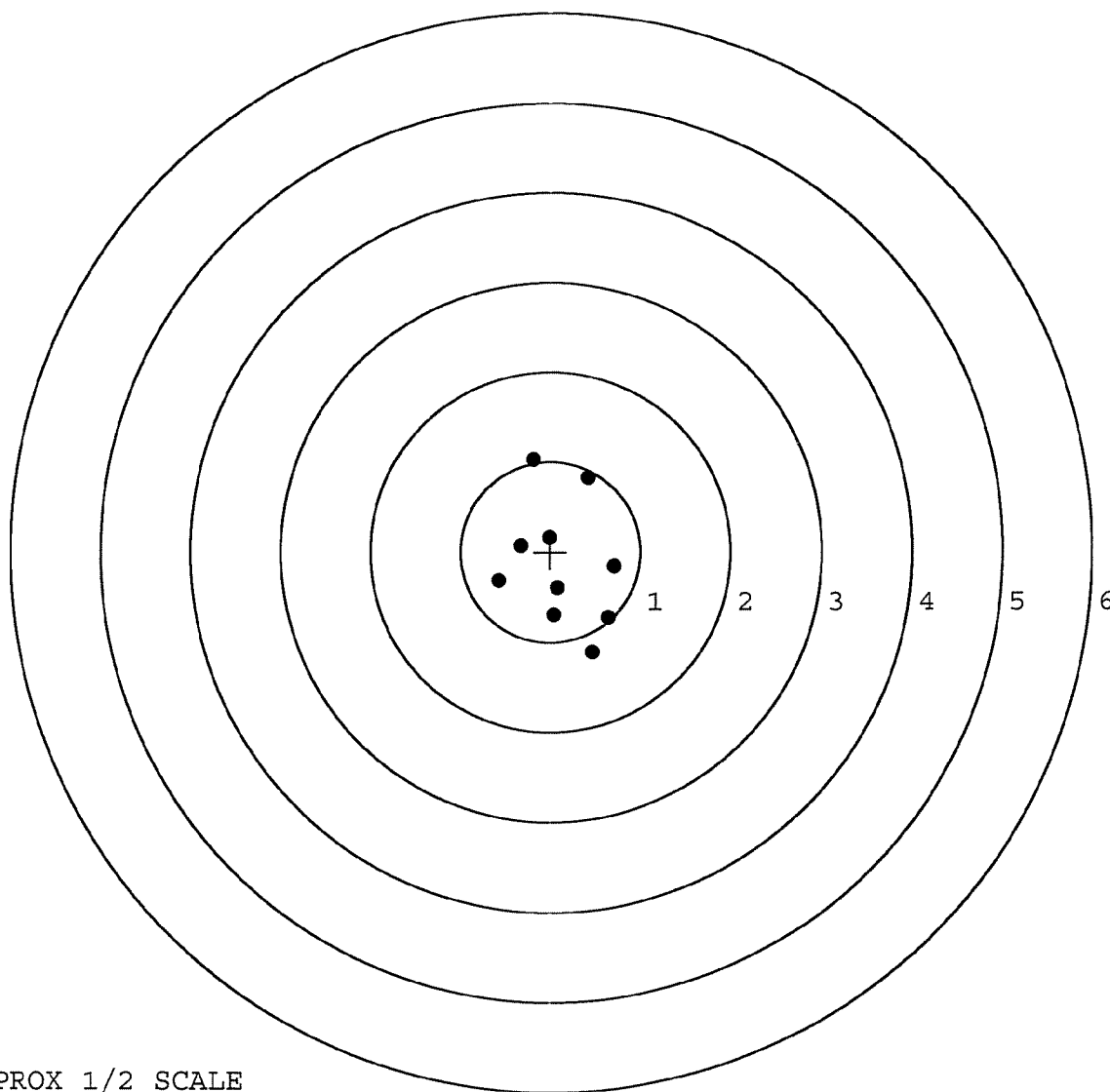


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422.___0
TARGET NUMBER: 5
FILE DATE: 10/30/2003
FILE TIME: 18:42

POINT#	X	Y
1:	0.470	-1.115
2:	0.644	-0.729
3:	0.710	-0.166
4:	0.085	-0.403
5:	0.043	-0.701
6:	-0.578	-0.326
7:	-0.328	0.068
8:	-0.009	0.154
9:	0.423	0.824
10:	-0.191	1.021

X CENTROID: 0.127
Y CENTROID: -0.137
POA TO CENTROID: 0.187
HORZ SPREAD: 1.288
VERT SPREAD: 2.136
GROUP SPREAD: 2.236
MIN RADIUS: 0.269
MAX RADIUS: 1.201
MEAN RADIUS: 0.700
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

SERIAL # C6225422

INSPECTED BY: RR

DATE REC'D: 10-14-03

DATE RET'D: 10-31-03

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:

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

R & E NUMBER	71430		
SERIAL NUMBER	C6225422		
LOG-IN DATE	10-14-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-14-03	RTL
560 A	RE-BARREL	10-16-03	RTL
B	DRILL AND TAP	10-16-03	TRW
575	ASSEMBLE	10-16-03	RTL
600	PROOF	10-16-03	RTL
605	CHECK HEADSPACE	10-16-03	RTL
610	DIS-ASSEMBLE GUN	10-16-03	RTL
612	MAGNAFLUX OPERATOR	BR	
615	ROLLMARK CALIBER	10-16-03	RTL
618	ROTO-BLAST	10/17/2003	Dan S.
620	APPLY COATINGS	10-22	TA
625 A	FINAL ASSEMBLY	10-22-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-30-03	TRW
655	FINAL INSPECT	10-31-03	RTL
660	PACK	10-31-03	TA
		SHIP DATE	
QAR INSPECTION DATE			

Remington[®]

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.

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6225422

ORDER NO.
5716

01



5716 C6225422

UPC



0 47700 25716 7

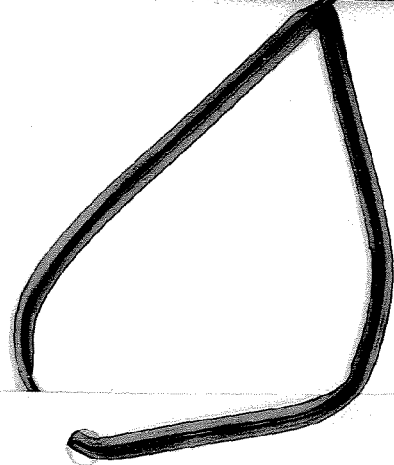
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225422

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17 89		RW
600	Proof	5 17 89		RW
607	Check Headspace	5 17 89		RW
610	Dis-assemble Gun	5 17 89		RW
612	Magnaflux Barrel Action		5/19	KCR
	Magnaflux Bolt		5/19	KCR
615	Rollmark Caliber		5/19	G.S.
617	Drill and Tap Sight Holes	5 22 89		LB
618	Polish Barrel	5 22 89		BT
620	Apply Coatings (Barrel Action)		5-26-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/89	RW
	C) Inspect Ejector Hole for Chamfer		5/30/89	RW
	D) Oil Firing Pin Ass'y		5/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/1/89	WCB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6/1/89	JH
	G) Safety Off Force	4	4	4			6/1/89	JH
	H) Trigger Pull Test & Retainability						6/1/89	WB
	I) Firing Pin Indent	.0205	.020	.020			6/1/89	JH
	J) Assemble Stock						6/1/89	RW
	K) Assemble Swivel Studs						8/18/89	WB
	L) Attach Front and Rear Sight Assemblies						6/1/89	RW
	M) Iron Sight Alignment						6/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						6/1/89	RW
	O) Attach Scope to Rifle						6/1/89	JH
	P) Detach & Attach Scope 20 Times						6/2/89	JH
640	Gallery Target & Test	55 R 96L					6-5-89	JH
	A) Time						"	JH
	B) Malfunctions						"	JH
	C) Pierced Primers						"	JH
	D) Optical Clarity of Scope						"	JH
645	Inspect for Live Ammo						6-5-89	JH
655	Final Inspection						8/18/89	WB
	A) Headspace							
	B) Trigger Pull	2.14	2.35	2.32	2.37	2.31	8/18/89	WB
	C) Function						8/18/89	WB
660	Pack						202/01 22	

#	TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
		1st	Shaves brass + Ejector sticks back	OW
		2nd	Ream Ejector Hole 1/5/89 Polish Ejector	
		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. 5455
16348936

DATE 10/28/89

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.14	2.19	2.07	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.13	2.08	2.42	
PULL #3	2.16	2.19	2.10	2.35	
PULL #4	2.14	2.16	2.13	2.42	
PULL #5	2.15	2.10	2.11	2.44	
TOTAL	10.73	10.77	10.49	12.06	
AVG.	2.146	2.154	2.098	2.412	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.14		
PULL #2	3.22	3.20		
PULL #3	3.18	3.18		
PULL #4	3.21	3.18		
PULL #5	3.18	3.23		
TOTAL	15.93	15.93		
AVG.	3.186	3.186		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.16		4.01
PULL #2	4.13	4.12		4.11
PULL #3	4.12	4.13		3.96
PULL #4	4.04	4.07		4.15
PULL #5	4.04	4.08		4.15
TOTAL	20.53	20.56		20.38
AVG.	4.106	4.112		4.076

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225422
6 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.612413
1 TO	2	.395961
1 TO	3	1.15617
1 TO	4	.719607
1 TO	5	.30335

$\sigma^2 = \frac{1}{n} \sum_{i=1}^n x_i^2 - (\bar{x})^2$ $\leftarrow$ POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0662
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .216757

THE AMR FOR THIS RIFLE IS: 1.097

6 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225422

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 2.375

VS= 2.619

GS= 3.040

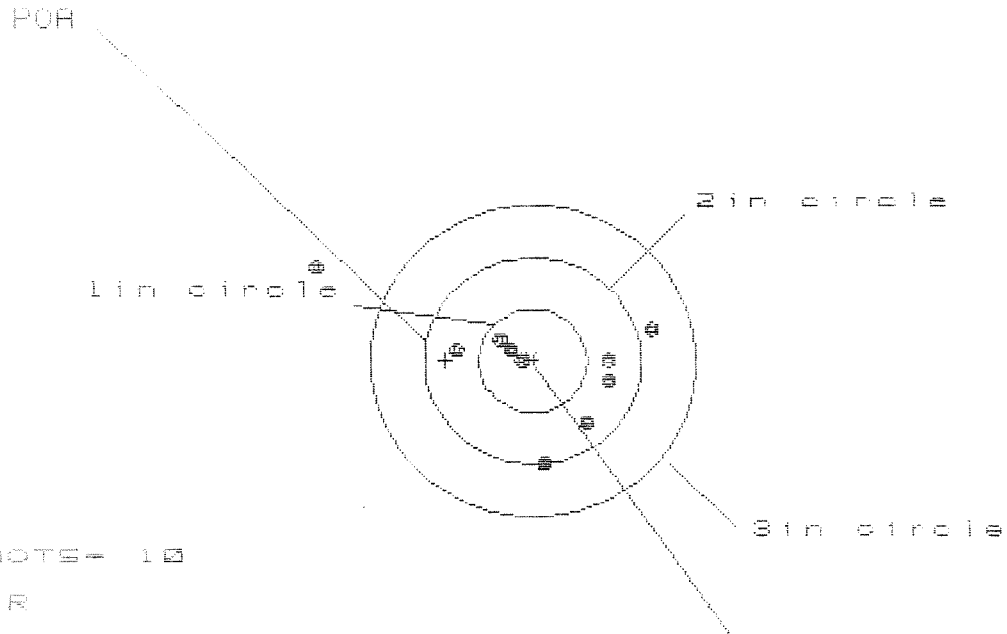
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.111	1.192	1.045
MINIMUM X	-1.264	-1.183	-1.329
MAXIMUM Y	1.196	1.038	.899
MINIMUM Y	-1.423	-1.116	-.825
CENTROID X	.541	.460	.607
CENTROID Y	.287	.445	.585
POA TO CENTROID in.	.612	.640	.842
MIN RADIUS	.188	.109	.133
MEAN RADIUS	.979	.884	.776
MAX RADIUS	1.598	1.617	1.449
HORIZONTAL SPREAD	2.375	2.375	2.375
VERTICAL SPREAD	2.619	2.154	1.723
EXTREME SPREAD	3.040	2.757	2.757
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

6 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225422

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 3.106

VS= 1.911

GS= 3.168

CENTROID #

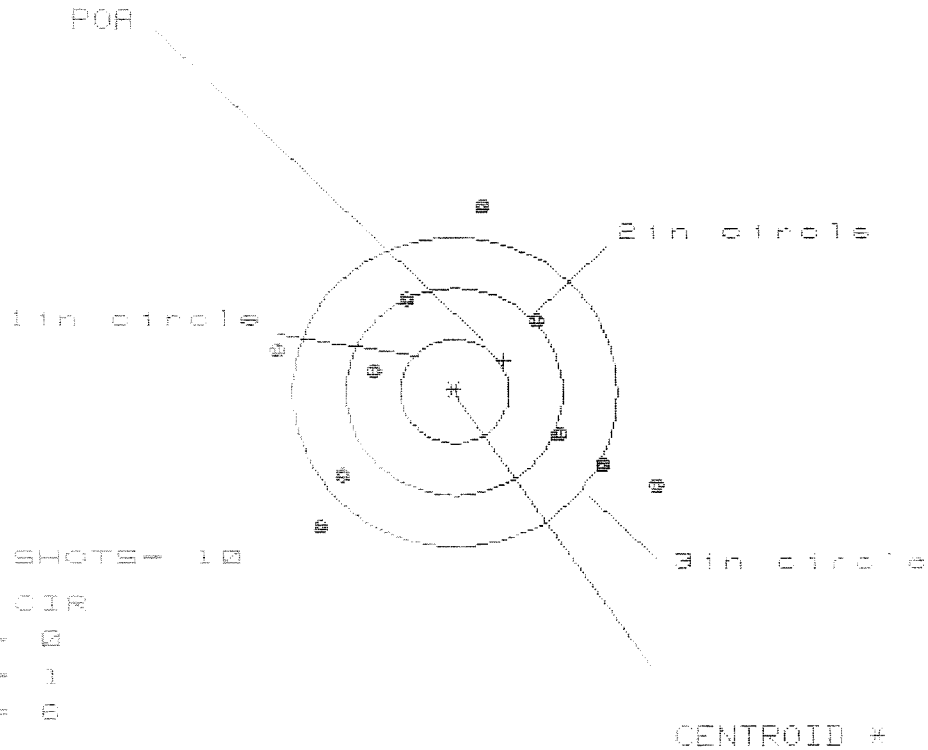
PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.098
MINIMUM X	:	-2.008
MAXIMUM Y	:	.955
MINIMUM Y	:	-.956
CENTROID X	:	.804
CENTROID Y	:	-.009
POR TO CENTROID in.	:	.804
MIN RADIUS	:	.094
MEAN RADIUS	:	.797
MAX RADIUS	:	2.224
HORIZONTAL SPREAD	:	3.106
VERTICAL SPREAD	:	1.911
EXTREME SPREAD	:	3.168
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	8
NUMBER IN THREE INCH CIRCLE	=	9

6 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225422

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 1

3 in = 6

HS= 3.449

VS= 3.686

GS= 3.694

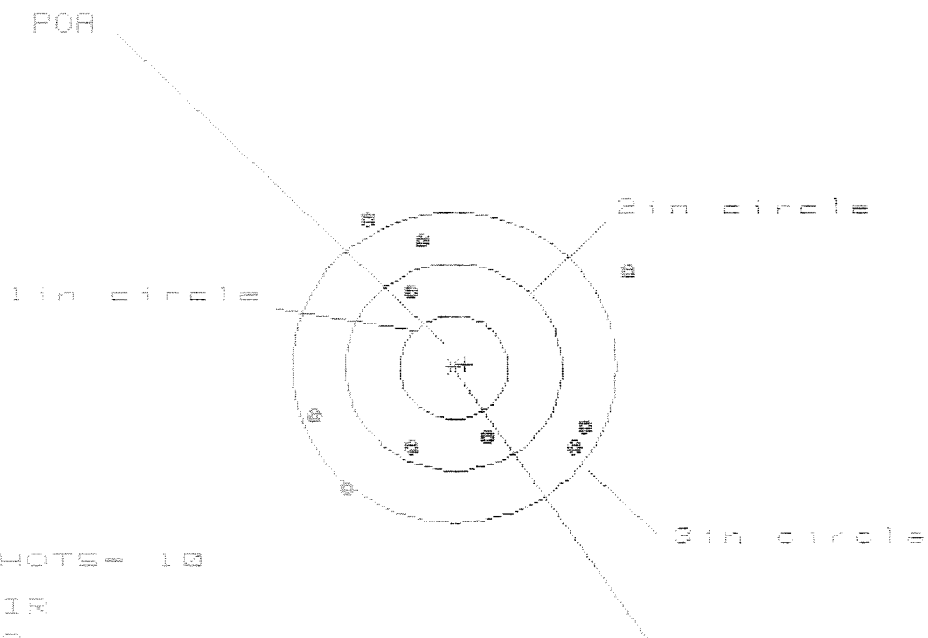
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.846	1.519	1.572
MINIMUM X	-1.603	-1.398	-1.345
MAXIMUM Y	1.823	1.723	1.051
MINIMUM Y	-1.263	-1.363	-1.148
CENTROID X	-.458	-.663	-.716
CENTROID Y	-.295	-.195	-.410
POA TO CENTROID in.	.545	.691	.925
MIN RADIUS	.760	.536	.579
MEAN RADIUS	1.403	1.301	1.239
MAX RADIUS	2.055	1.773	1.679
HORIZONTAL SPREAD	3.449	2.917	2.917
VERTICAL SPREAD	3.086	3.086	2.199
EXTREME SPREAD	3.694	3.431	3.126
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	1	1	1
NUMBER IN THREE INCH CIRCLE =	6	6	6

6 JUN 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225422

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.936

VS= 2.622

GS= 3.366

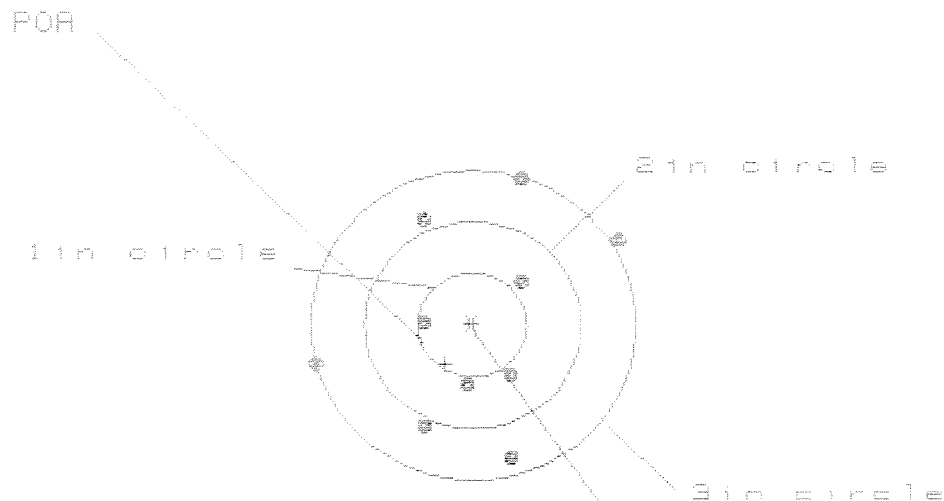
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.603	1.367	1.287
MINIMUM X	-1.333	-1.154	-1.234
MAXIMUM Y	1.471	1.580	1.586
MINIMUM Y	-1.151	-1.042	-0.845
CENTROID X	-1.106	-1.284	-1.204
CENTROID Y	-0.928	-1.137	-1.334
POR TO CENTROID in.	.109	.315	.391
MIN RADIUS	.774	.646	.498
MEAN RADIUS	1.292	1.192	1.095
MAX RADIUS	1.878	1.703	1.516
HORIZONTAL SPREAD	2.936	2.521	2.521
VERTICAL SPREAD	2.622	2.622	2.351
EXTREME SPREAD	3.366	2.956	2.524
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

6 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225422

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.718

VS= 2.708

GS= 2.998

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.318	.628	.478
MINIMUM X	:	-1.408	-1.263	-.512
MAXIMUM Y	:	1.391	1.485	1.447
MINIMUM Y	:	-1.317	-1.223	-1.261
CENTROID X	:	.251	.106	.264
CENTROID Y	:	.376	.282	.320
POR TO CENTROID in.	:	.452	.361	.415
MIN RADIUS	:	.434	.297	.447
MEAN RADIUS	:	1.022	.940	.892
MAX RADIUS	:	1.559	1.599	1.510
HORIZONTAL SPREAD	:	2.718	1.891	.982
VERTICAL SPREAD	:	2.708	2.708	2.708
EXTREME SPREAD	:	2.998	2.711	2.711
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-09515

INITIALS:
 CUSTOMER ORDER NO. 12060
 DATE OPENED 05/14/97
 DATE CODE LJ 2-89
 SERIAL NUMBER C6225422
 NEW SERIAL NUMBER
 MODEL AND GRADE 700 7.62 NATO
 W/STUDS SCOPE BASE

WOG 7 OF 19
M-24

FROM:

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

NC 28307

SHIP TO:

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

NC
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

Repaider Coat Trigger Guard
Assy, Front + Rear Sight Bases
Rezinc - Scope Base &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RW

5-16-97

6-12-97

7-15-97

7-15-97

OFFICE COPY

FD3025 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400060567

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225422*

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

5-16-97 Rv

605 CHECK HEADSPACE

5-16-97 Rv

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

5-17-97 Rv

B TRIGGER PULL TEST

C SAFETY ON FORCE

D SAFETY OFF FORCE

E FIRING PIN INDENT

640 TARGET

7/15/97 K

655 FINAL INSPECT

660 PACK

QAR INSPECTION

SHIP DATE

Final Inspection

S.N. C6225422 DATE REC'D: 5-14-97 DATE RET'D:

AUDITOR: 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: _____

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225422
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.078
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.122
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144803

THE AMR FOR THIS RIFLE IS: 1.028

CENTROIDAL DISTANCES

Ø TO	1	.334994
1 TO	2	.102903
1 TO	3	.442604
1 TO	4	.591217
1 TO	5	.418561

3
+ <----POA
1/2 5 4

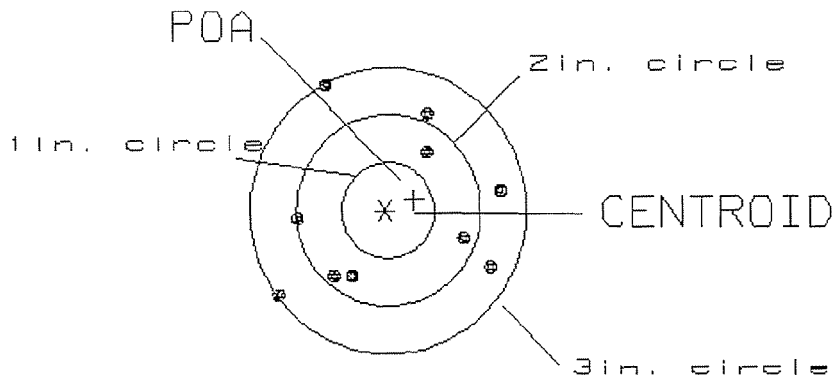
PATTERN #: 1

POA TO CENTROID: .335
 MIN RADIUS : .709
 MEAN RADIUS : 1.095
 MAX RADIUS : 1.524
 CENTROID X : -.315
 CENTROID Y : -.114

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.39

0

VS= 2.23

4

GS= 2.66

9

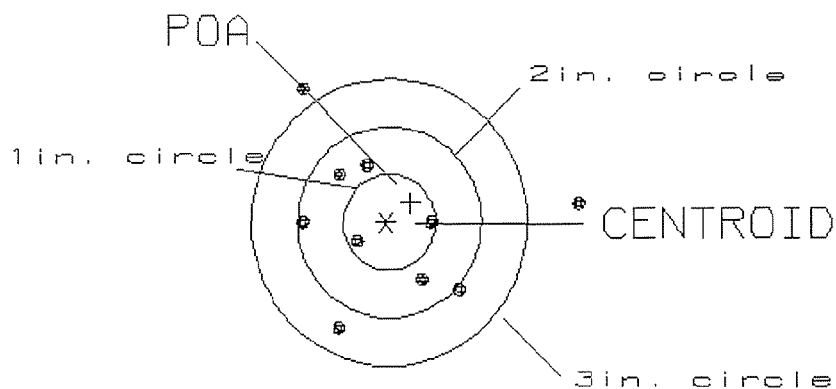
PATTERN #: 2

POA TO CENTROID: .325
 MIN RADIUS : .447
 MEAN RADIUS : .992
 MAX RADIUS : 2.041
 CENTROID X : -.257
 CENTROID Y : -.199

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.99

2

VS= 2.52

6

GS= 3.22

8

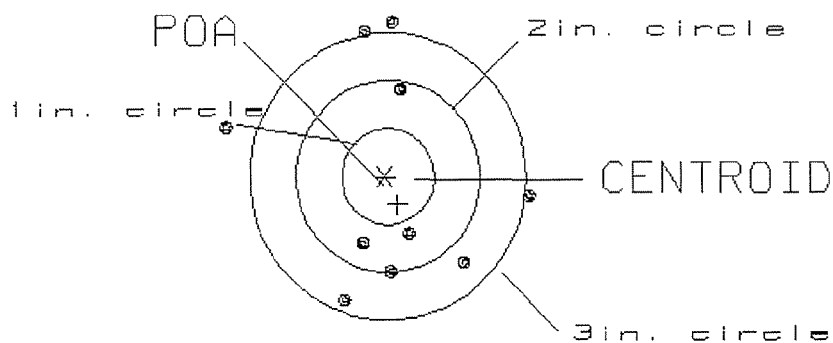
PATTERN #: 3

POA TO CENTROID: .318
 MIN RADIUS : .662
 MEAN RADIUS : 1.239
 MAX RADIUS : 1.864
 CENTROID X : -.132
 CENTROID Y : .289

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.33

0

VS= 2.83

4

GS= 3.40

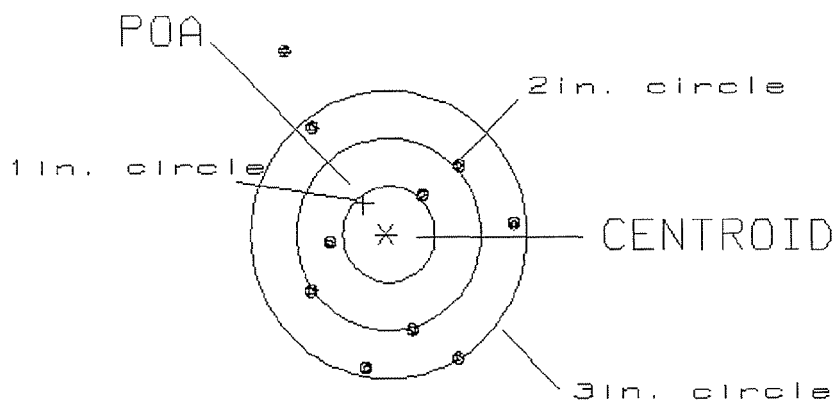
6

PATTERN #: 4
 POA TO CENTROID: .396
 MIN RADIUS : .511
 MEAN RADIUS : 1.217
 MAX RADIUS : 2.223
 CENTROID X : .241
 CENTROID Y : -.315

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.54

0

VS= 3.31

3

GS= 3.70

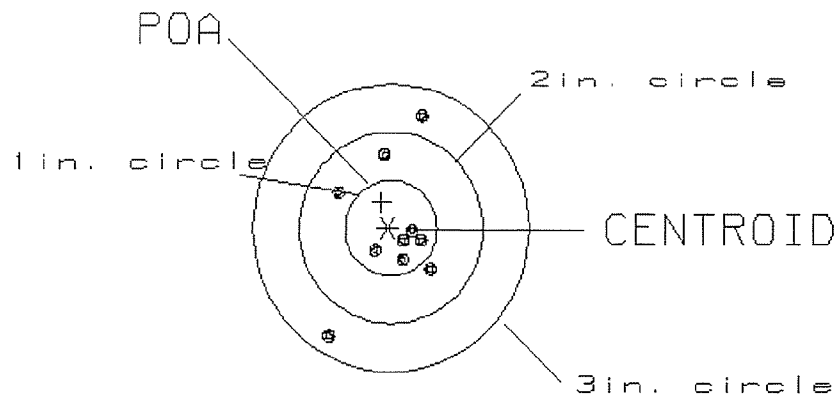
9

PATTERN #: 5
 POA TO CENTROID: .281
 MIN RADIUS : .180
 MEAN RADIUS : .598
 MAX RADIUS : 1.342
 CENTROID X : .073
 CENTROID Y : -.271

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225422

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.17
 VS= 2.27
 GS= 2.48

5
 8
 10