

C6225436

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00120739

Serial: C6225436 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 11/27/2006 11:28:43 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SFC KIRCHNER

SFC KIRCHNER

Address 1: HSC 1/7 SFG (A)

HSC 1/7 SFG (A)

Address 2: BLDG E-3622 JUST CAUSE DR

PO Box:

BLDG E-3622 JUST CAUSE DR

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: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

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

Repair Search

Refresh

Close

naglej

11/27/2006

1:29 PM

CAPS

NUM

INS

SCRL

Serial
Number:

C6225436

Model: M24 SWS



RE00120739

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225436.__0
FILE DATE AND TIME: 12/15/2006 05:29

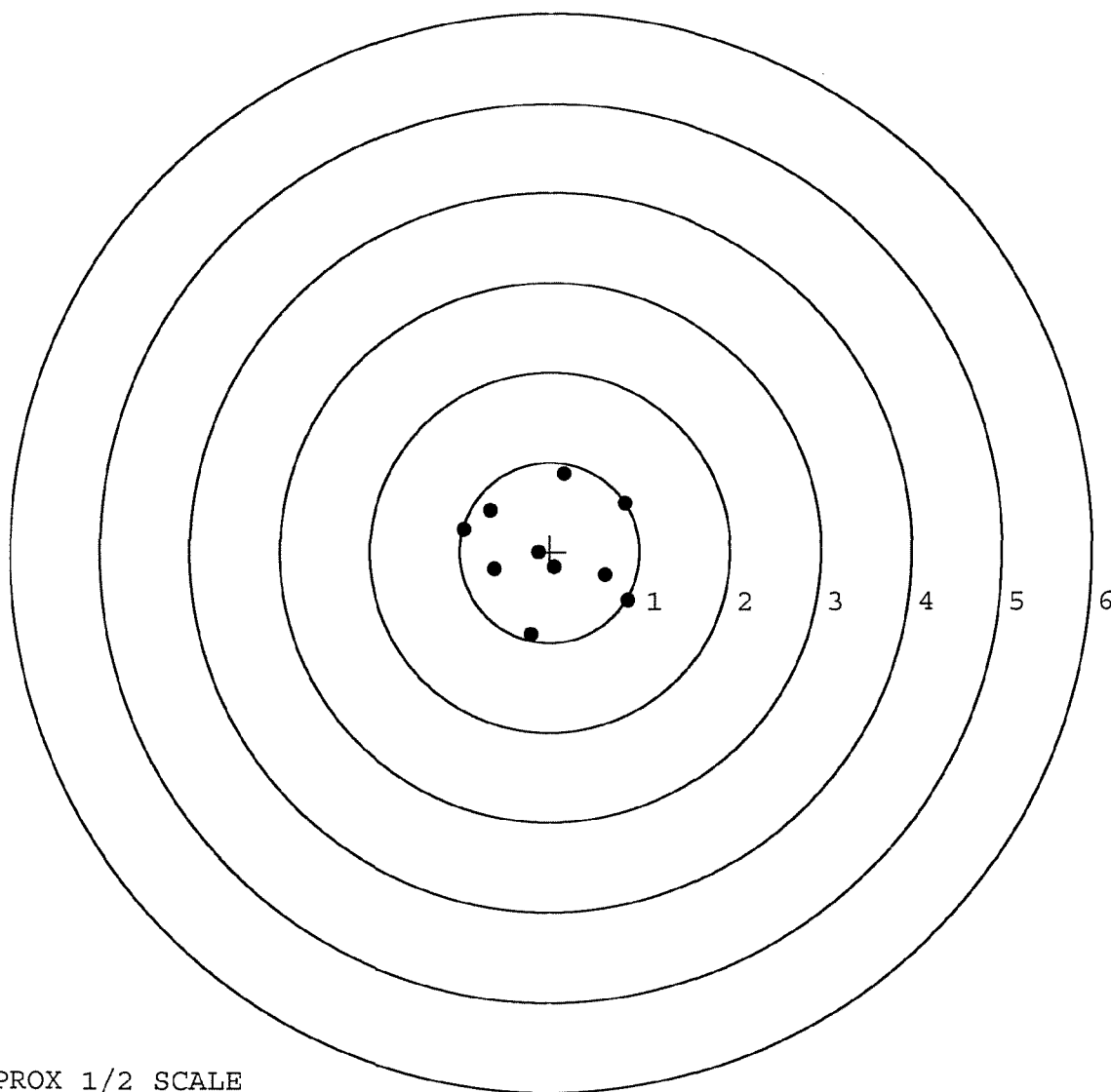
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.036
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.038
The Average Mean Radius of the Five Target Set:	0.613
The Distance from POA to Centroid Target #1:	0.008
The Distance from Centroid Target #2 to Centroid Target #1:	0.064
The Distance from Centroid Target #3 to Centroid Target #1:	0.063
The Distance from Centroid Target #4 to Centroid Target #1:	0.176
The Distance from Centroid Target #5 to Centroid Target #1:	0.190

SERIAL NUMBER: C6225436. __0
TARGET NUMBER: 1
FILE DATE: 12/15/2006
FILE TIME: 05:29

POINT#	X	Y
1:	-0.219	-0.917
2:	-0.616	-0.194
3:	0.049	-0.174
4:	-0.133	-0.009
5:	0.872	-0.543
6:	0.617	-0.261
7:	-0.673	0.465
8:	-0.958	0.252
9:	0.835	0.539
10:	0.154	0.869

X CENTROID: -0.007
Y CENTROID: 0.003
POA TO CENTROID: 0.008
HORZ SPREAD: 1.830
VERT SPREAD: 1.786
GROUP SPREAD: 1.995
MIN RADIUS: 0.126
MAX RADIUS: 1.035
MEAN RADIUS: 0.728
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

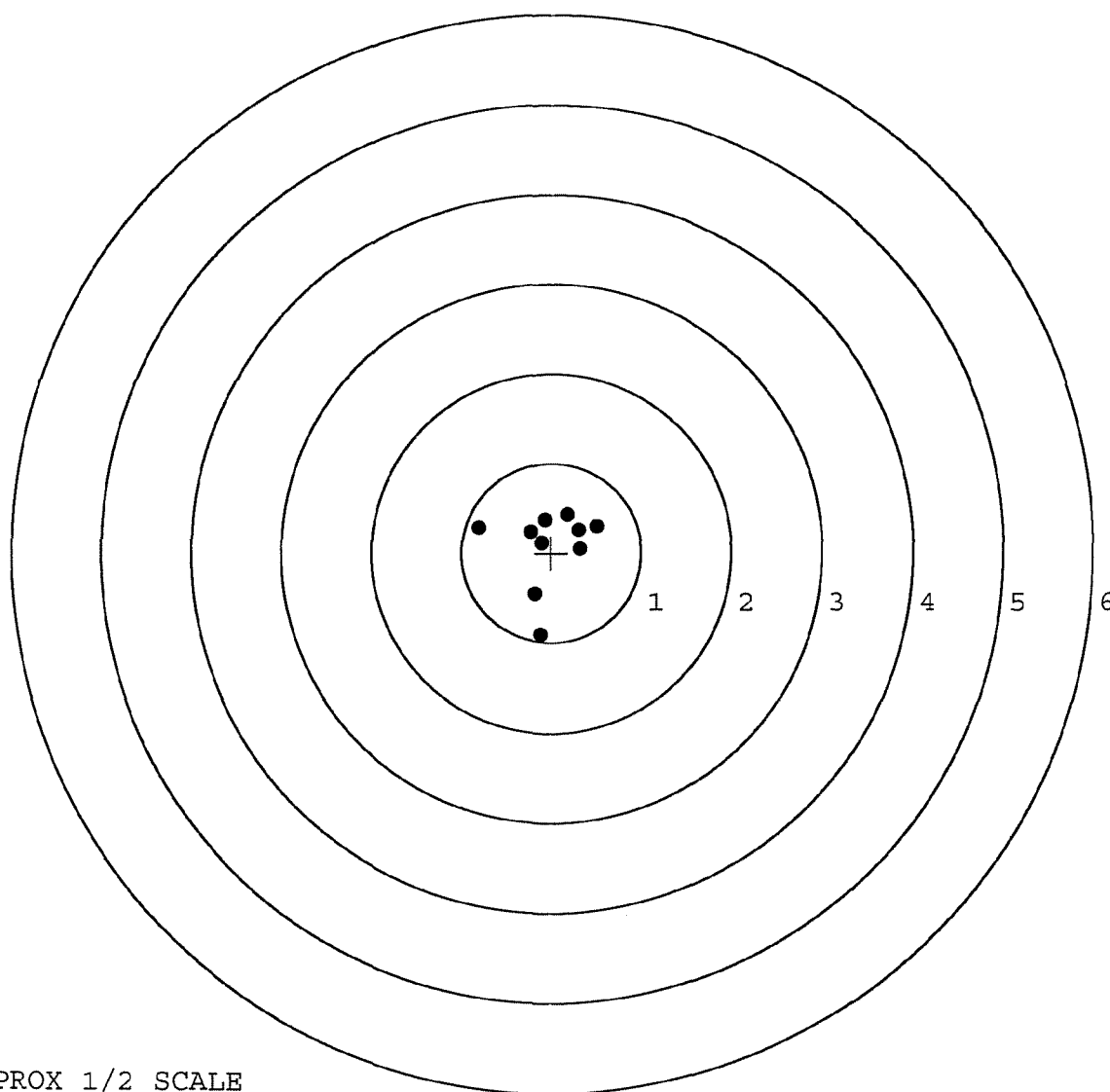


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436.___0
TARGET NUMBER: 2
FILE DATE: 12/15/2006
FILE TIME: 05:29

POINT#	X	Y
1:	-0.126	-0.921
2:	-0.183	-0.465
3:	-0.807	0.277
4:	0.501	0.294
5:	0.325	0.050
6:	0.175	0.433
7:	-0.116	0.111
8:	-0.237	0.234
9:	-0.076	0.372
10:	0.300	0.257

X CENTROID: -0.024
Y CENTROID: 0.064
POA TO CENTROID: 0.069
HORZ SPREAD: 1.308
VERT SPREAD: 1.354
GROUP SPREAD: 1.387
MIN RADIUS: 0.103
MAX RADIUS: 0.990
MEAN RADIUS: 0.476
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

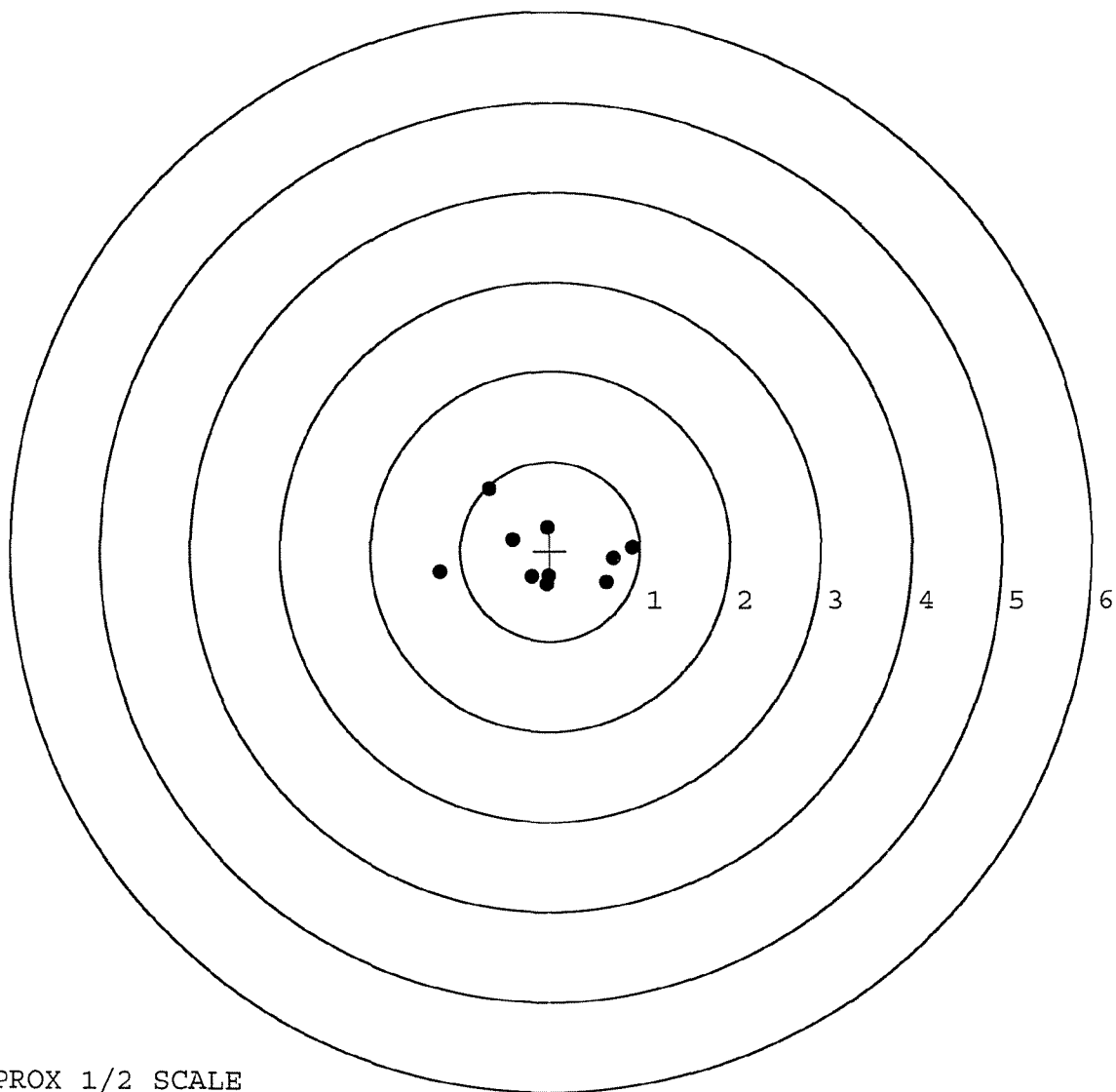


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436. __0
TARGET NUMBER: 3
FILE DATE: 12/15/2006
FILE TIME: 05:29

POINT#	X	Y
1:	0.629	-0.359
2:	0.712	-0.087
3:	0.916	0.039
4:	-0.040	-0.378
5:	-0.201	-0.290
6:	-0.016	-0.284
7:	-0.424	0.121
8:	-0.030	0.264
9:	-0.685	0.693
10:	-1.225	-0.246

X CENTROID: -0.036
Y CENTROID: -0.053
POA TO CENTROID: 0.064
HORZ SPREAD: 2.141
VERT SPREAD: 1.071
GROUP SPREAD: 2.160
MIN RADIUS: 0.232
MAX RADIUS: 1.204
MEAN RADIUS: 0.622
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436. __0

TARGET NUMBER: 4

FILE DATE: 12/15/2006

FILE TIME: 05:29

X CENTROID: 0.068

Y CENTROID: -0.156

POA TO CENTROID: 0.170

HORZ SPREAD: 1.689

VERT SPREAD: 1.437

GROUP SPREAD: 2.128

MIN RADIUS: 0.178

MAX RADIUS: 1.138

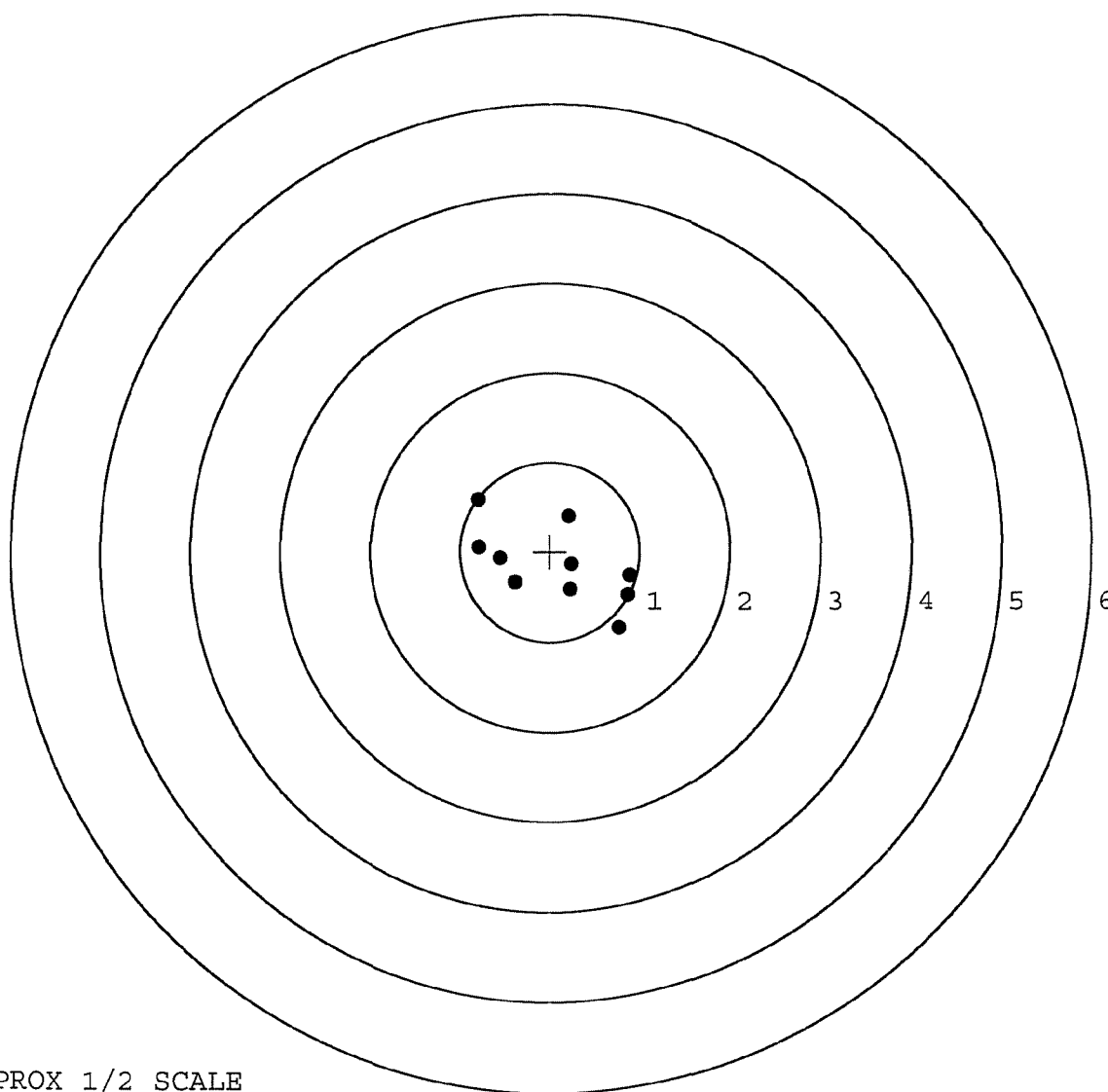
MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.773	-0.852
2:	0.871	-0.485
3:	0.893	-0.268
4:	0.229	-0.421
5:	0.246	-0.145
6:	0.205	0.398
7:	-0.392	-0.340
8:	-0.556	-0.076
9:	-0.788	0.047
10:	-0.796	0.585

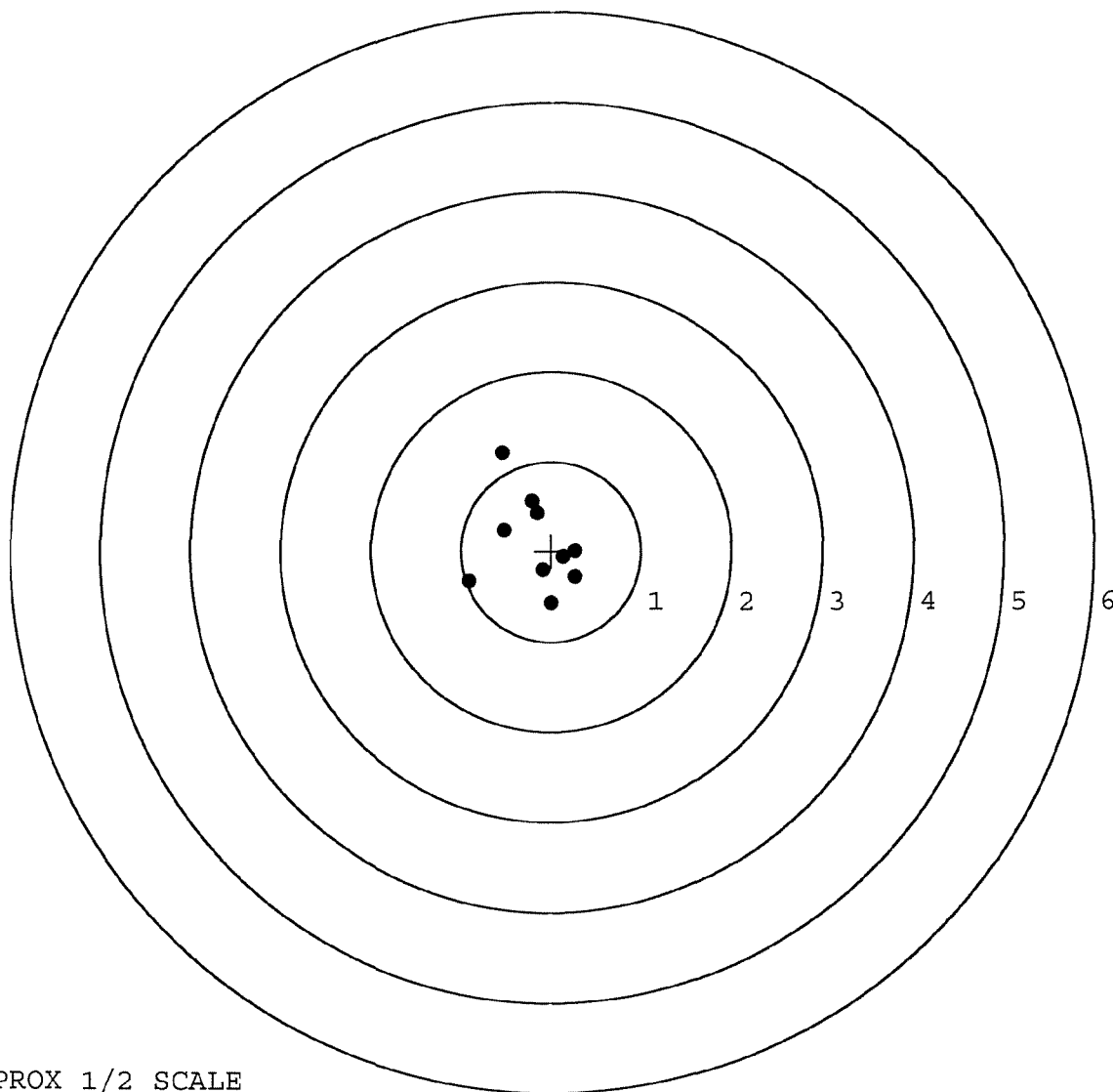


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436. __0
TARGET NUMBER: 5
FILE DATE: 12/15/2006
FILE TIME: 05:29

POINT#	X	Y
1:	-0.548	1.098
2:	-0.910	-0.335
3:	-0.531	0.229
4:	-0.221	0.560
5:	-0.166	0.424
6:	-0.006	-0.579
7:	0.267	-0.289
8:	0.273	-0.004
9:	-0.096	-0.219
10:	0.136	-0.070

X CENTROID: -0.180
Y CENTROID: 0.081
POA TO CENTROID: 0.198
HORZ SPREAD: 1.183
VERT SPREAD: 1.677
GROUP SPREAD: 1.762
MIN RADIUS: 0.312
MAX RADIUS: 1.081
MEAN RADIUS: 0.551
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	120739		
SERIAL NUMBER	C6225436		
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 INSPECTED DEC 05 2006	TRW
460	CHECK HEADSPACE		TRW
470	DIS-ASSEMBLE GUN		BLG
480	MAGNAFLUX	OPERATOR <u>APD</u>	12-05-06 APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CW
520	GOFF BLAST BBL / REC	12/5/06	TS
530 & 540	APPLY COATINGS	12/7/06	TS
560	FINAL ASSEMBLY	12-13-06	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	12-14-06 TRW
650	TARGET	<u>PASS</u> FAIL	12-14-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-14-06 WR
670	FINAL INSPECTION		
	A) HEADSPACE	<u>PASS</u> FAIL	12-18-06 BLG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	286 284 288 289 288 12-15-06 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	52 52 52 12-15-06 DA
	G) SAFETY OFF FORCE	2 LBS MIN	22 22 22 12-15-06 DA
	I) FIRING PIN INDENT	.020	.020 .021 .021 12-15-06 DA
690	PACK		12-15-06 DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY	STOCK ASSEMBLY
_____ BARREL	_____ STOCK
_____ RECEIVER	_____ SLING SWIVEL STUDS
_____ FRONT SIGHT BASE	_____
_____ REAR SIGHT BASE	_____ BUTT PATE
_____ SCREWS	_____ LOCK NUTS
_____ FINISH	_____ BARREL CLEARANCE
	_____ COLOR / FINISH
SCOPE ASSEMBLY	SYSTEM CASE
_____ SCOPE	_____ SCOPE CASE
_____ SCOPE RINGS	_____ IRON SIGHTS
_____ MOUNTING SCREWS	_____ DEPLOYMENT KIT
_____ MOUNTING BASE	
_____ SCREWS	TRIGGER ASSEMBLY
_____ FINISH	_____ SAFETY OPERATION
_____ CLARITY	_____ RE-SET TO FACTORY SPECS
COMMENTS: _____	

F006 REV 5/2006




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

MODEL 700™ H24

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

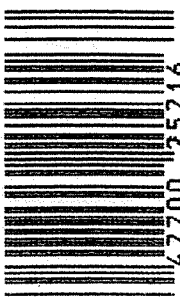
SERIAL NO.
06225436

ORDER NO.
5716



5716 06225436

UPC



0 47700 25716 7

Serial Number: C6225436

Model: 700



RE00052594

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225436.__0

FILE DATE AND TIME: 10/12/2002 13:25

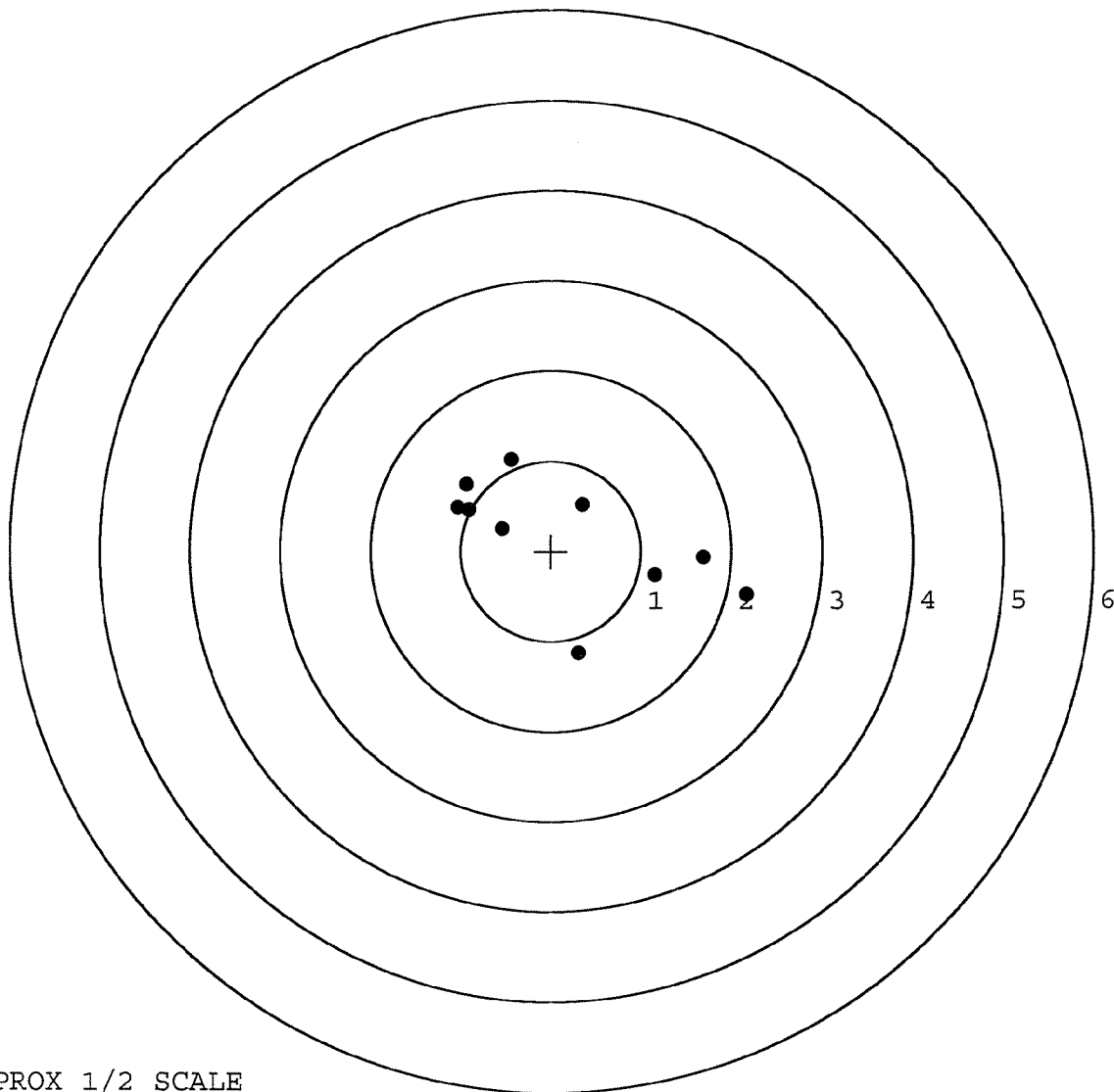
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.034
The Average Y Centroid of the Five Target Set:	0.068
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.235
The Distance from Centroid Target #2 to Centroid Target #1:	0.316
The Distance from Centroid Target #3 to Centroid Target #1:	0.319
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.253

SERIAL NUMBER: C6225436. __0
TARGET NUMBER: 1
FILE DATE: 10/12/2002
FILE TIME: 13:25

POINT#	X	Y
1:	-0.442	1.019
2:	-0.939	0.742
3:	-1.035	0.487
4:	-0.541	0.253
5:	0.350	0.517
6:	2.162	-0.488
7:	1.690	-0.078
8:	1.159	-0.272
9:	0.312	-1.138
10:	-0.907	0.465

X CENTROID: 0.181
Y CENTROID: 0.151
POA TO CENTROID: 0.235
HORZ SPREAD: 3.197
VERT SPREAD: 2.157
GROUP SPREAD: 3.342
MIN RADIUS: 0.403
MAX RADIUS: 2.082
MEAN RADIUS: 1.183
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 8

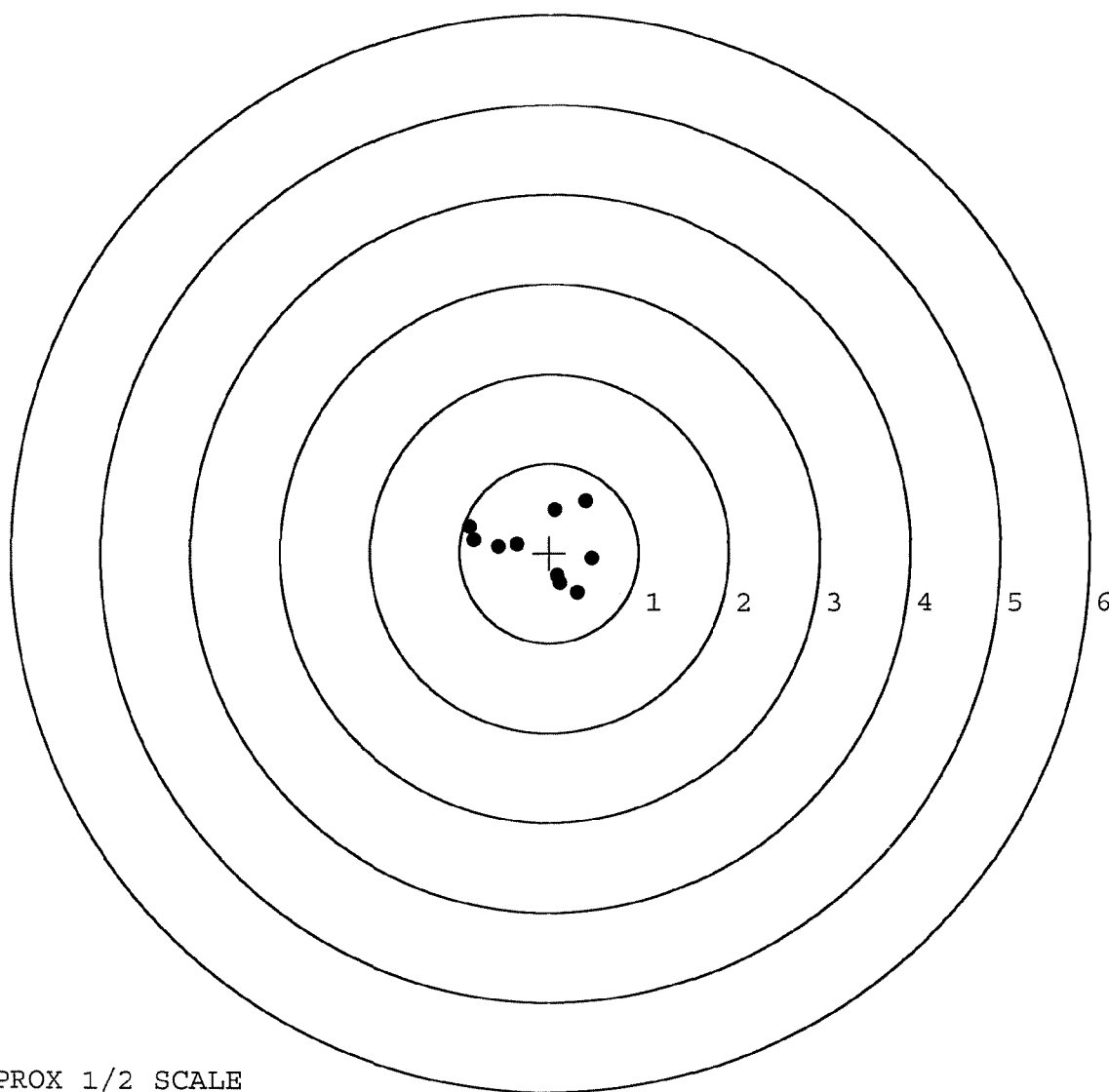


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436.___0
TARGET NUMBER: 2
FILE DATE: 10/12/2002
FILE TIME: 13:25

POINT#	X	Y
1:	0.058	0.483
2:	0.403	0.576
3:	0.474	-0.069
4:	0.317	-0.448
5:	0.091	-0.257
6:	-0.362	0.096
7:	-0.890	0.292
8:	-0.841	0.143
9:	-0.571	0.068
10:	0.124	-0.346

X CENTROID: -0.120
Y CENTROID: 0.054
POA TO CENTROID: 0.131
HORZ SPREAD: 1.364
VERT SPREAD: 1.024
GROUP SPREAD: 1.416
MIN RADIUS: 0.246
MAX RADIUS: 0.806
MEAN RADIUS: 0.555
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

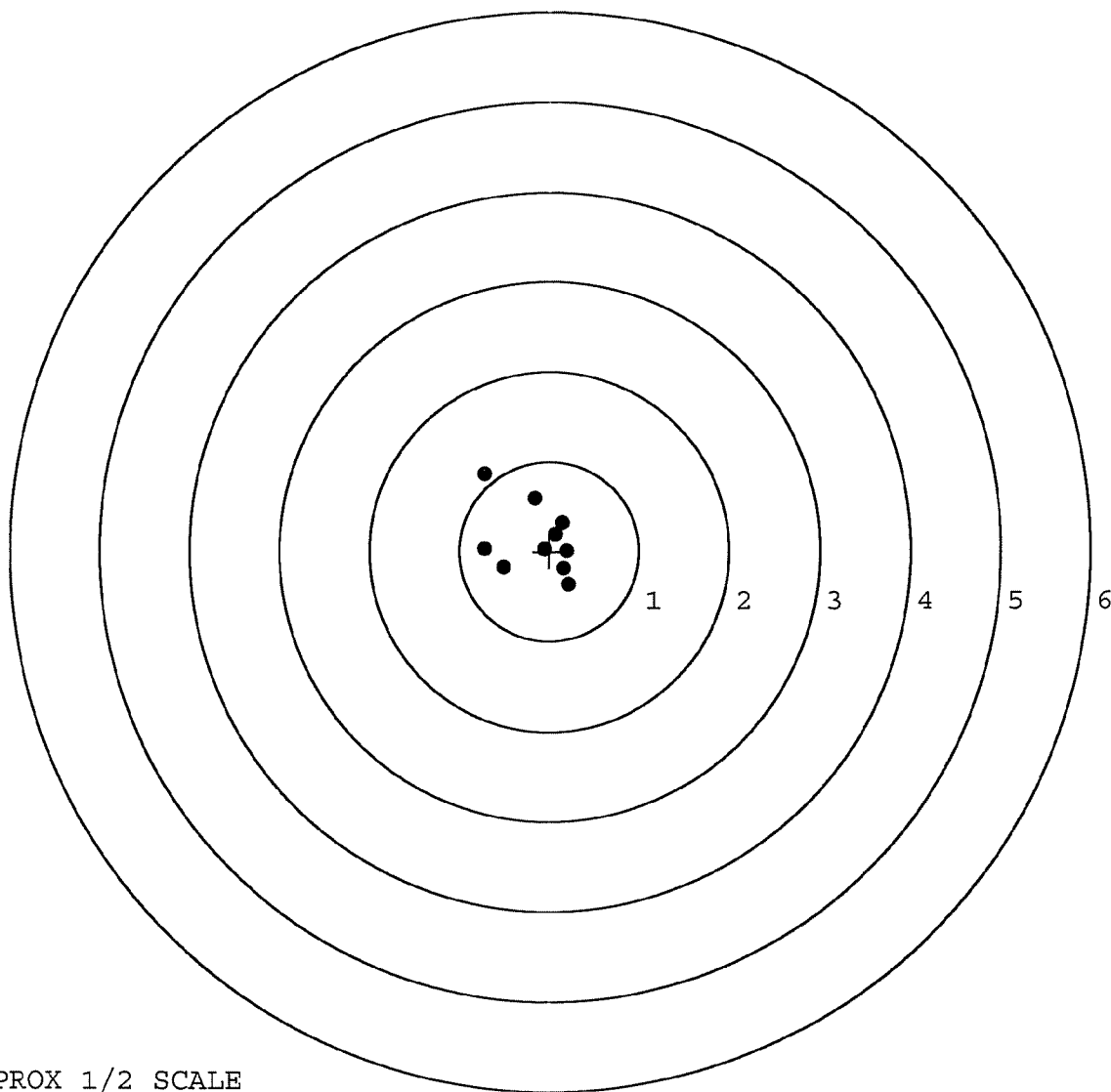


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436. __0
TARGET NUMBER: 3
FILE DATE: 10/12/2002
FILE TIME: 13:25

X CENTROID: -0.137
Y CENTROID: 0.127
POA TO CENTROID: 0.187
HORZ SPREAD: 0.939
VERT SPREAD: 1.243
GROUP SPREAD: 1.558
MIN RADIUS: 0.132
MAX RADIUS: 0.943
MEAN RADIUS: 0.459
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.723	0.866
2:	-0.723	0.032
3:	-0.508	-0.181
4:	-0.162	0.592
5:	0.148	0.315
6:	0.071	0.190
7:	0.165	-0.194
8:	0.216	-0.377
9:	0.199	0.001
10:	-0.056	0.023

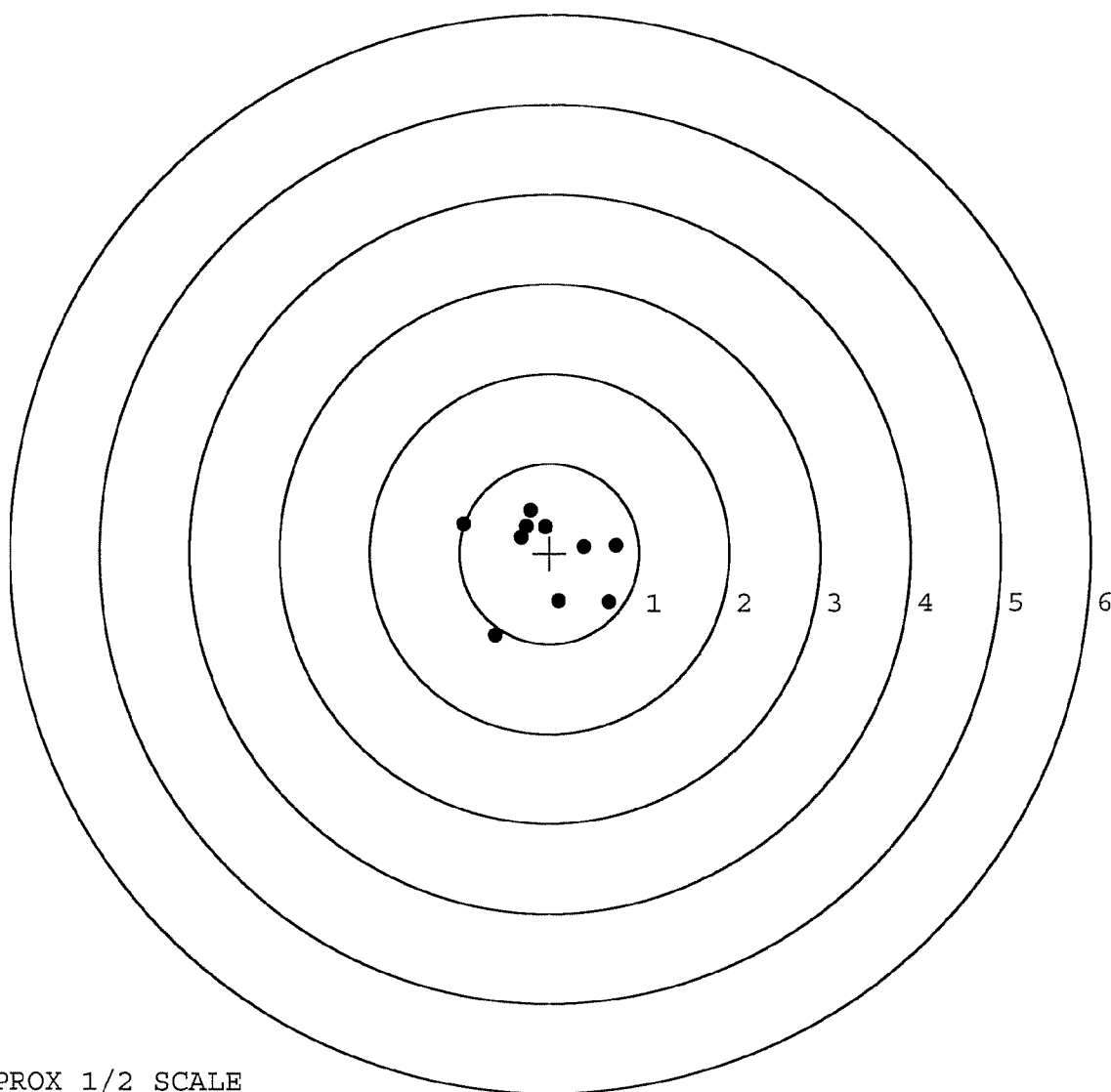


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436. __0
TARGET NUMBER: 4
FILE DATE: 10/12/2002
FILE TIME: 13:25

POINT#	X	Y
1:	-0.050	0.292
2:	-0.215	0.480
3:	-0.319	0.179
4:	-0.959	0.324
5:	0.740	0.085
6:	0.385	0.072
7:	0.663	-0.541
8:	0.106	-0.530
9:	-0.603	-0.909
10:	-0.262	0.298

X CENTROID: -0.051
Y CENTROID: -0.025
POA TO CENTROID: 0.057
HORZ SPREAD: 1.699
VERT SPREAD: 1.389
GROUP SPREAD: 1.671
MIN RADIUS: 0.317
MAX RADIUS: 1.042
MEAN RADIUS: 0.624
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225436. __0

TARGET NUMBER: 5

FILE DATE: 10/12/2002

FILE TIME: 13:25

POINT#	X	Y
1:	-0.607	0.183
2:	-0.774	0.033
3:	-0.460	-0.106
4:	0.033	0.507
5:	0.036	0.188
6:	0.447	-0.036
7:	0.252	-0.350
8:	0.863	-0.258
9:	0.066	0.217
10:	-0.298	-0.026

X CENTROID: -0.044

Y CENTROID: 0.035

POA TO CENTROID: 0.057

HORZ SPREAD: 1.637

VERT SPREAD: 0.857

GROUP SPREAD: 1.663

MIN RADIUS: 0.173

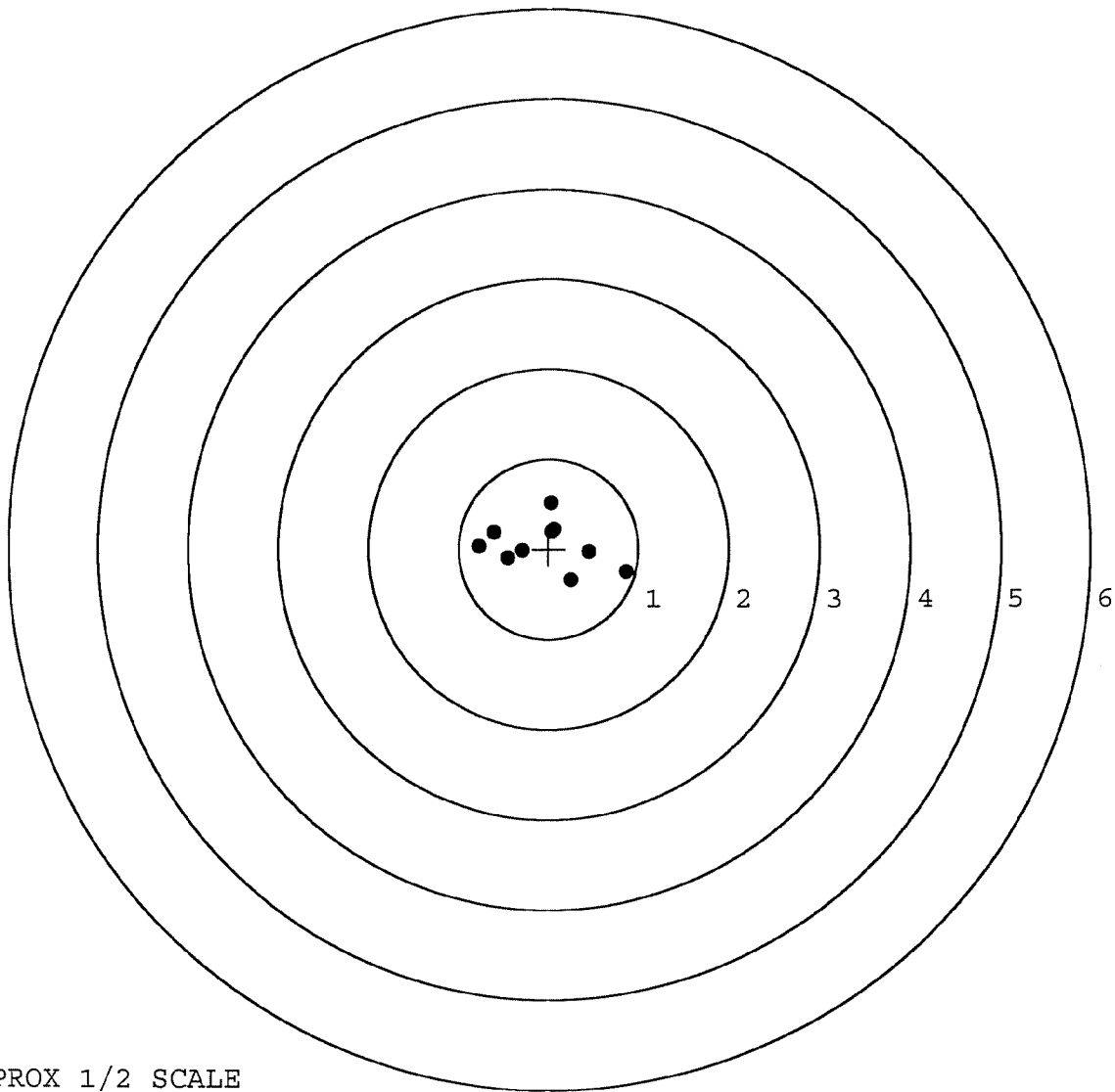
MAX RADIUS: 0.953

MEAN RADIUS: 0.481

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Final Inspection

In: C6225436

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	52594		
SERIAL NUMBER	C6225436		
LOG-IN DATE	9/19/02		
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	TCD
618	ROTO-BLAST	9/30/02	KO
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/10/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-11-02	AC
655	FINAL INSPECT	10/14/02	RL
660	PACK	10-16-02	TA
		SHIP DATE	
	QAR INSPECTION DATE		

Scope 0414

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225436

OP. #	OP. NAME	READINGS	DATE	INITIAL
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	Pfc.
	Magnaflux Bolt		1-3-89	Pfc.
615	Rollmark Caliber		12/2/89	M.A.C.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	wjt
620	Apply Coatings (Barrel Action)		1-12-89	15A
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/89	RW
	C) Inspect Ejector Hole for Chamfer		2/2/89	RW
	D) Oil Firing Pin Ass'y		2/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/89	98

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			3/26/89	JL
	G) Safety Off Force	3	3	3			3/26/89	JL
	H) Trigger Pull Test & Retainability						2/26/89	JL
	I) Firing Pin Indent	.020	.020	.020			3/26/89	JL
	J) Assemble Stock						2/9/89	RW
	K) Assemble Swivel Studs						1/5/89	JL
	L) Attach Front and Rear Sight Assemblies						2/9/89	RW
	M) Iron Sight Alignment						2/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/9/89	RW
	O) Attach Scope to Rifle						10/26/89	JL
	P) Detach & Attach Scope 20 Times						10/26/89	JL
640	Gallery Target & Test	602	922				2/14/89	DH
	A) Time						2/14/89	DH
	B) Malfunctions						2/14/89	DH
	C) Pierced Primers						2/14/89	DH
	D) Optical Clarity of Scope						2/14/89	DH
645	Inspect for Live Ammo						2/14/89	DH
655	Final Inspection							
	A) Headspace						1/5/89	JL
	B) Trigger Pull	2.40	2.44	2.10	2.49	2.32	1/5/89	JL
	C) Function						1/5/89	JL
660	Pack						2/27/89	JL

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. 5436

DATE 4-3-90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.36	2.27	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.47	2.51	
PULL #3	2.34	2.44	2.52	
PULL #4	2.32	2.39	2.45	
PULL #5	2.33	2.29	2.43	
TOTAL	11.70	11.86	12.32	
AVG.	2.34	2.372	2.464	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.37	3.38	
PULL #2	3.35	3.33	
PULL #3	3.21	3.41	
PULL #4	3.32	3.37	
PULL #5	3.46	3.44	
TOTAL	16.71	16.93	
AVG.	3.342	3.386	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.37		
PULL #2	4.33	4.36		
PULL #3	4.31	4.36		
PULL #4	4.31	4.32		
PULL #5	4.36	4.31		
TOTAL	21.63	21.72		
AVG.	4.326	4.344		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225436
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.649416
1 TO	2	.334401
1 TO	3	.609016
1 TO	4	.925351
1 TO	5	.585612

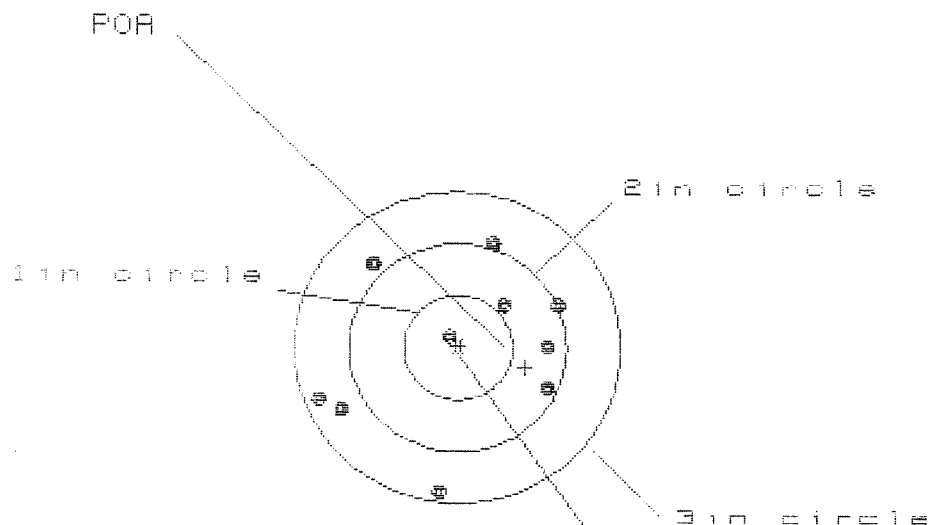
12³/₄ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1406
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1346
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .194787
THE AMR FOR THIS RIFLE IS: .839

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225436

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.161

VS = 2.436

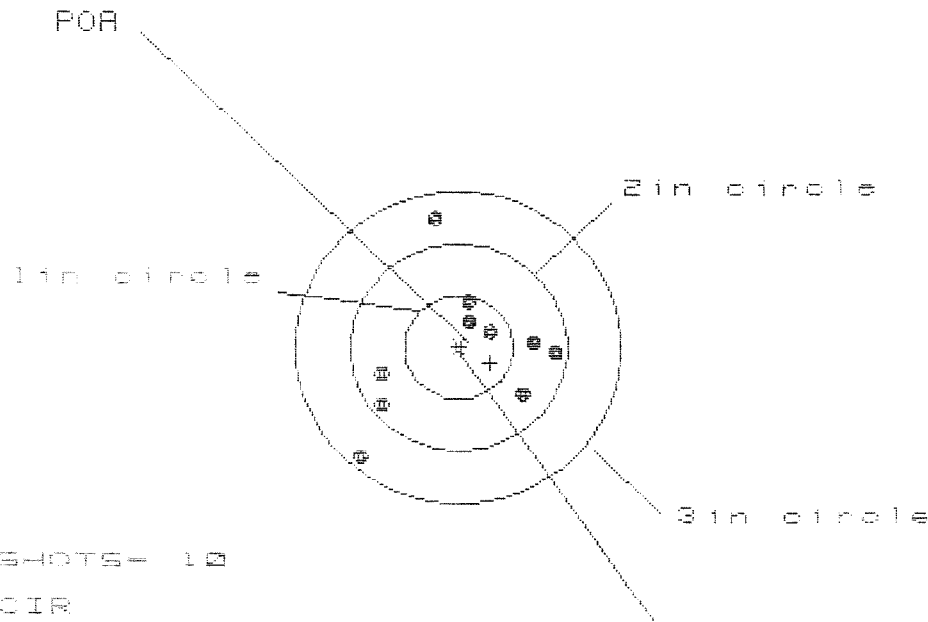
GS = 2.477

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.875	.860	.897
MINIMUM X	:	-1.286	-1.301	-1.225
MAXIMUM Y	:	1.049	.895	.816
MINIMUM Y	:	-1.387	-.738	-.817
CENTROID X	:	-.621	-.606	-.443
CENTROID Y	:	.190	.344	.423
FOR TO CENTROID in.	:	.649	.697	.613
MIN RADIUS	:	.123	.056	.236
MEAN RADIUS	:	.954	.877	.774
MAX RADIUS	:	1.393	1.446	1.472
HORIZONTAL SPREAD	:	2.161	2.161	1.922
VERTICAL SPREAD	:	2.436	1.633	1.633
EXTREME SPREAD	:	2.477	2.338	2.166
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225436

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.788

VS= 2.343

GS= 2.435

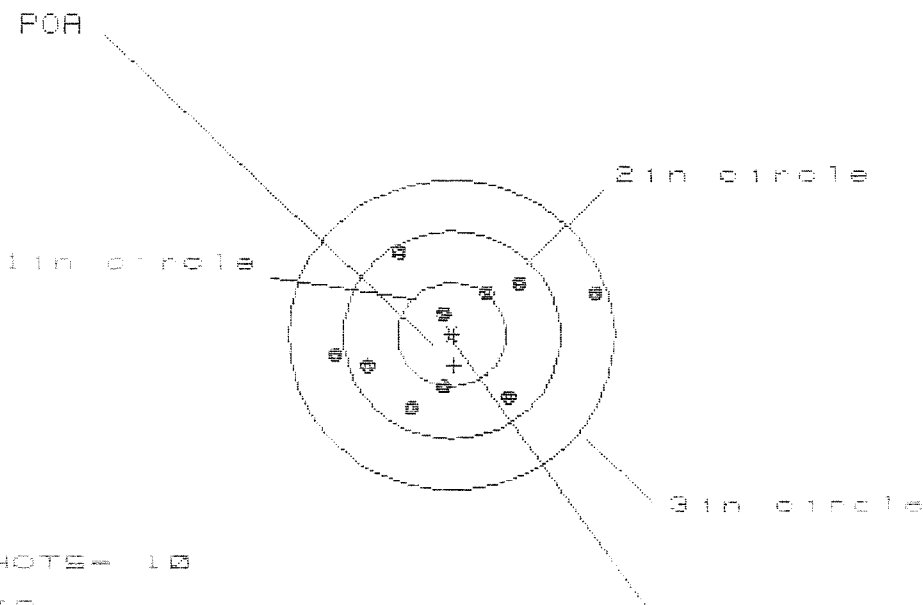
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.872	.770	.726
MINIMUM X	:	-.916	-.816	-.860
MAXIMUM Y	:	1.270	1.150	.454
MINIMUM Y	:	-1.073	-.656	-.512
CENTROID X	:	-.289	-.187	-.143
CENTROID Y	:	.150	.270	.126
FOR TO CENTROID in.	:	.326	.328	.190
MIN RADIUS	:	.299	.156	.213
MEAN RADIUS	:	.760	.643	.582
MAX RADIUS	:	1.411	1.204	.963
HORIZONTAL SPREAD	:	1.788	1.586	1.586
VERTICAL SPREAD	:	2.343	1.806	.966
EXTREME SPREAD	:	2.435	1.862	1.631
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225436

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HO = 0.41E

VS = 1.496

GS = 0.462

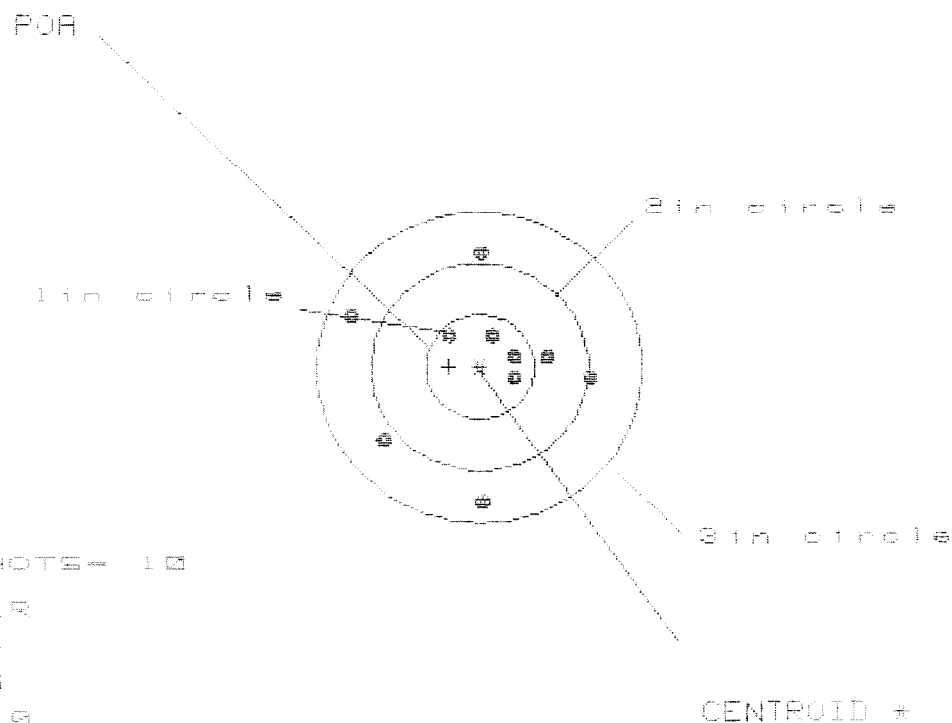
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.322	.767	.649
MINIMUM X	:	-1.091	-.944	-.725
MAXIMUM Y	:	.785	.928	.810
MINIMUM Y	:	-.711	-.668	-.686
CENTROID X	:	-.022	-.169	-.051
CENTROID Y	:	.300	.257	.275
POA TO CENTROID in.	:	.301	.307	.288
MIN RADIUS	:	.213	.278	.235
MEAN RADIUS	:	.794	.721	.682
MAX RADIUS	:	1.378	.956	.913
HORIZONTAL SPREAD	:	2.413	1.711	1.374
VERTICAL SPREAD	:	1.496	1.496	1.496
EXTREME SPREAD	:	2.482	1.853	1.739
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225436

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIA

1 in = 4

2 in = 5

3 in = 10

ME = 2.655

VG = 2.402

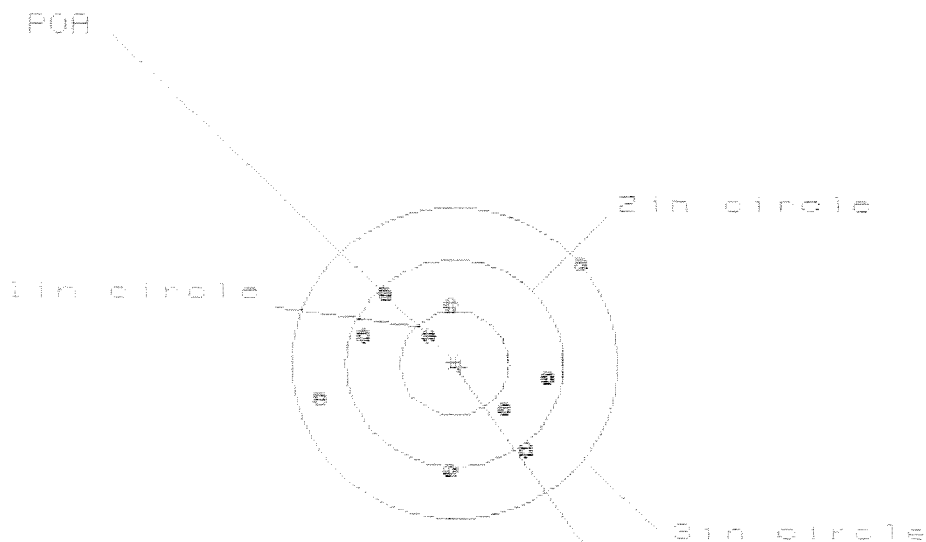
GE = 2.402

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.025	1.027	.873
MINIMUM X	-1.230	-1.228	-1.038
MAXIMUM Y	1.064	.915	.961
MINIMUM Y	-1.338	-.835	-.789
CENTROID X	.284	.282	.436
CENTROID Y	-.003	.146	.100
POA TO CENTROID in.	.284	.318	.447
MIN RADIUS	.283	.163	.156
MEAN RADIUS	.787	.704	.593
MAX RADIUS	1.338	1.282	1.304
HORIZONTAL SPREAD	2.255	2.255	1.911
VERTICAL SPREAD	2.402	1.750	1.750
EXTREME SPREAD	2.402	2.345	1.991
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

17 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225436

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

IS= 2.247

VS= 1.927

GS= 2.660

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.114
MINIMUM X	-1.233
MAXIMUM Y	.926
MINIMUM Y	-1.001
CENTROID X	-.056
CENTROID Y	.036
POA TO CENTROID in.	.066
MIN RADIUS	.361
MEAN RADIUS	.900
MAX RADIUS	1.448
HORIZONTAL SPREAD	2.347
VERTICAL SPREAD	1.927
EXTREME SPREAD	2.660
NUMBER IN ONE INCH CIRCLE	= 1
NUMBER IN TWO INCH CIRCLE	= 6
NUMBER IN THREE INCH CIRCLE	= 10

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-09527

INITIAL CUSTOMER ORDER NO.

JJM 012060

WOG 19 OF 19
M-24

DATE RECEIVED 05/14/97	DATE OPENED 05/14/97	DATE CODE PJ 6-89	SERIAL NUMBER C6225436	NEW SERIAL NUMBER	MODEL AND GRADE 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 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

Barrel Assy 96001

COMMENTS

Re powder Coat Trigger Guard
Assy, Front & Rear Sight Bases
Re Zine Scope Base & Swivel
Studs

REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER JW	DATE 5-16-97	DATE 7-10-97	DATE 7-14-97	DATE 7-14-97	DATE

OFFICE COPY

RD5925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400060792

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-09527

TIAL CUSTOMER ORDER NO.

IJM 012060

WOG 19 OF 19
M-24

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
5/14/97	05/14/97	PJ 6-89	C6225436		700 7.62	NATO
ACCESSORIES W/STUDS SCOPE BASE						

COM:

SHIP TO:

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

NC 28307

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

CUST NO: 162915 C.O.D.L

COUNT NUMBER	ACCOUNT NUMBER N/C	WRITE	PROM. DATE	ESTIMATED	VIA
		☐			DOOR

CONDITION	REPAIR CHARGE
NEW	EXCISE
LIGHTLY WORN	TAX
WORN	INSURANCE
VERY WORN	UPS
UNREPAIRABLE	PARCEL POST
MARRED	TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CLE	A1	B1				
IGGER GROUP		B2			E1	F1
ILT ASSY.		B3			E2	F2
RREL ASSY.		B4		D1	E3	F3
C. ASSY.		B5		D2	F4	F4
DOD			C1	D3	E5	F5
ETAL			C2			

N FAULT

RTS

COMMENTS

Barrel Assy 96001

Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
ReZinc Scope Base & Swivel
Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
Rw	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
JW	5-16-97	7-10-97	7-14-97	7-14-97	

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400060793

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225436

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	RA
605	CHECK HEADSPACE	5-16-97	RA
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	7-10-97	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-14-97	RW
655	FINAL INSPECT		
660	PACK		
QAR INSPECTION		SHIP DATE	

Final Inspection

Sn: C6225436

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 # C6225436
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.2046$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0752$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.217982$

THE AMR FOR THIS RIFLE IS: 1.019

CENTROIDAL DISTANCES

Ø TO	1	.543111
1 TO	2	.633336
1 TO	3	.492416
1 TO	4	.559558
1 TO	5	.502912

1
5
4
3
2 <----POA

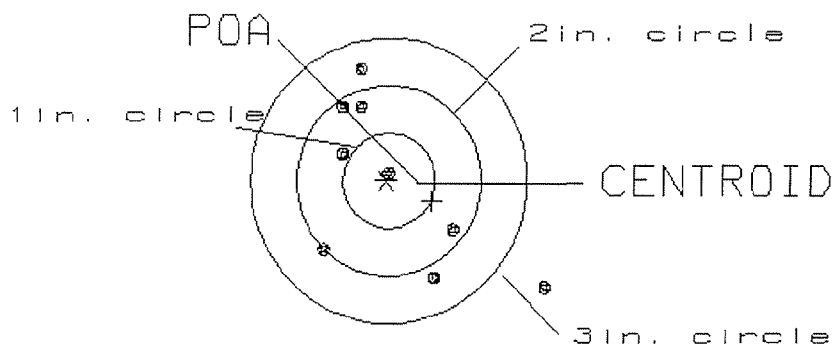
PATTERN #: 1

POA TO CENTROID: .543
 MIN RADIUS : .078
 MEAN RADIUS : .919
 MAX RADIUS : 2.053
 CENTROID X : -.497
 CENTROID Y : .219

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225436

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.48
 VS= 2.34
 GS= 3.09

1
 6
 9

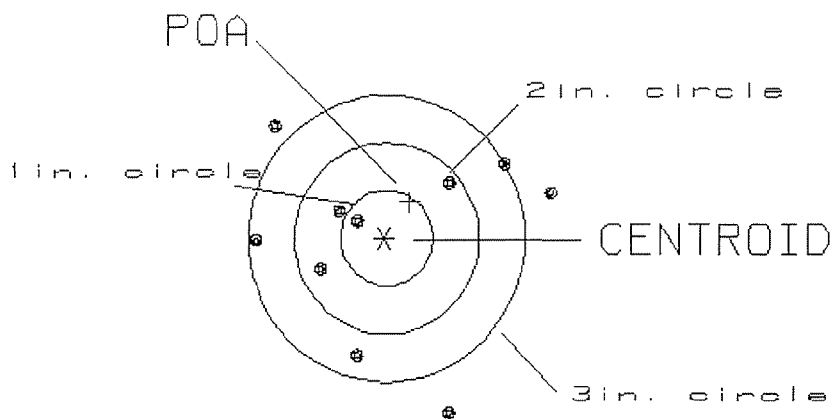
PATTERN #: 020

POA TO CENTROID: .469
 MIN RADIUS : .366
 MEAN RADIUS : 1.232
 MAX RADIUS : 1.953
 CENTROID X : -.280
 CENTROID Y : -.376

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225436

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.21

1

VS= 3.02

4

GS= 3.57

6

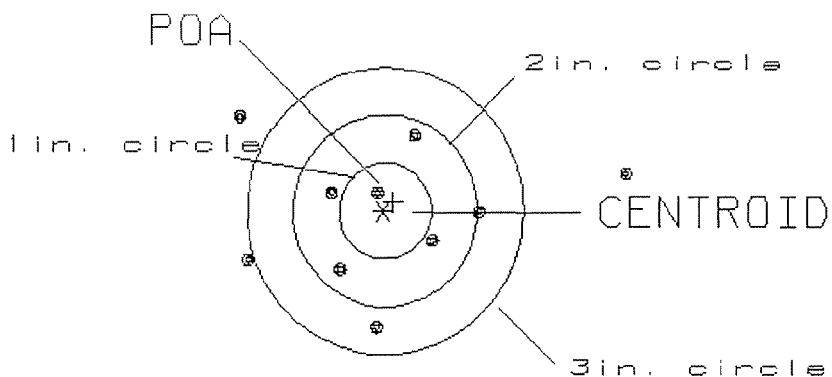
PATTERN #: 3

POA TO CENTROID: .143
 MIN RADIUS : .186
 MEAN RADIUS : 1.137
 MAX RADIUS : 2.624
 CENTROID X : -.112
 CENTROID Y : -.088

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225436

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.23
 VS= 2.23
 GS= 4.28

1
 6
 7

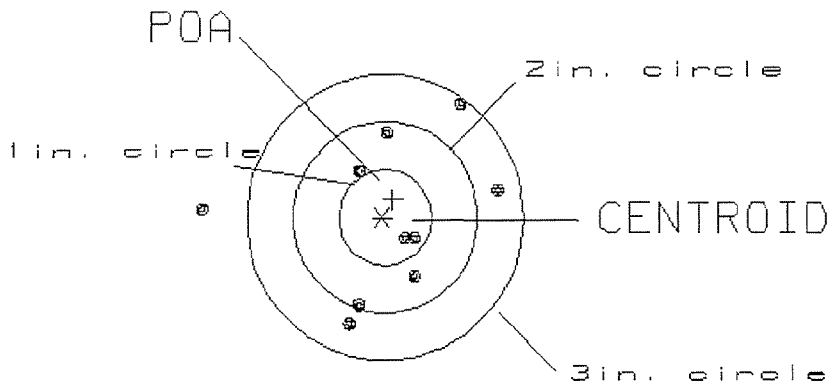
PATTERN #: 04

POA TO CENTROID: .220
 MIN RADIUS : .318
 MEAN RADIUS : .965
 MAX RADIUS : 1.971
 CENTROID X : -.113
 CENTROID Y : -.188

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225436

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.23
 VS= 2.31
 GS= 3.23

2
 6
 9

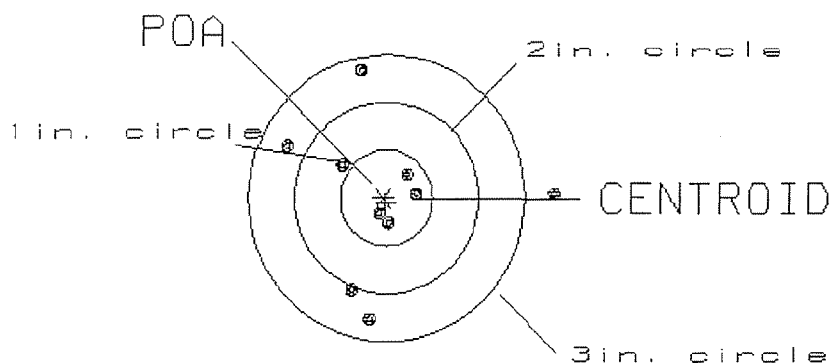
PATTERN #: 5

POA TO CENTROID: .061
 MIN RADIUS : .155
 MEAN RADIUS : .840
 MAX RADIUS : 1.850
 CENTROID X : -.021
 CENTROID Y : .057

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225436

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.93

4

VS= 2.56

5

GS= 2.98

9