

C6348873

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BBL-96003

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: **RE00009410** Serial: C6348873 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: New 5/18/00 8:52:37 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PO Box: **ANNISTON** **ANNISTON**

City: **ANNISTON** State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: Fax: Email: Comments:		Received Condition Condition: Poor Notes: CSR Notes:		Accessories Received <table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td>2</td></tr><tr><td>A008</td><td>With Swivel</td><td>2</td></tr><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr></tbody></table>	Code	Desc	Qty	A007	With Stud	2	A008	With Swivel	2	A010	Hard Case	1	A017	Scope Base	1
Code	Desc	Qty																	
A007	With Stud	2																	
A008	With Swivel	2																	
A010	Hard Case	1																	
A017	Scope Base	1																	

Start | Inb... | Micr... | SA... | Nag... | Audit | R&... | Ar... | Prin... | Re... | 12:15 PM

Serial Number:

C6348873

Model: **700**



RE00009410

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

R & E NUMBER			
SERIAL NUMBER <u>C6348873</u>			
LOG-IN DATE <u>5-11-00</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-15-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-22-00	RW
605	CHECK HEADSPACE	5-22-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-19-00	RW
655	FINAL INSPECT	7-25-00	RW
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

FINAL Inspection

Sn: _____ DATE REC'D: _____ DATE RET'D: _____

AUDITOR: *hw*

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-1350
- ☐ 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 # c6348873
19 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1176
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0628
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .133318

THE AMR FOR THIS RIFLE IS: 1.216

CENTROIDAL DISTANCES

0 TO 1	.102259
1 TO 2	.256912
1 TO 3	.401995
1 TO 4	.127063
1 TO 5	.101833

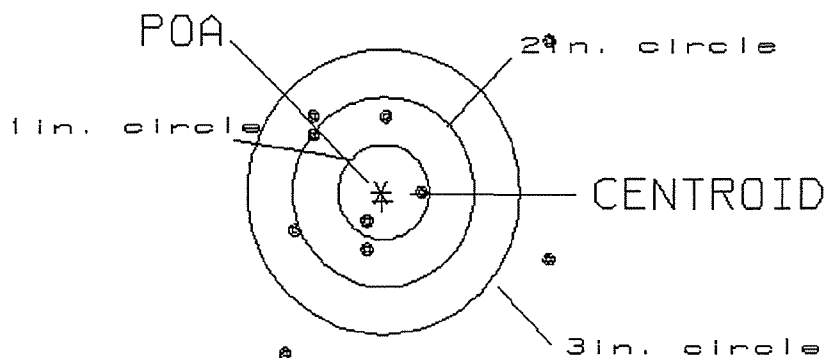
3 4⁵₂ <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .103
 MIN RADIUS : .379
 MEAN RADIUS : 1.175
 MAX RADIUS : 2.432
 CENTROID X : -.016
 CENTROID Y : .101

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348873

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.90

2

VS= 3.31

5

GS= 4.38

7

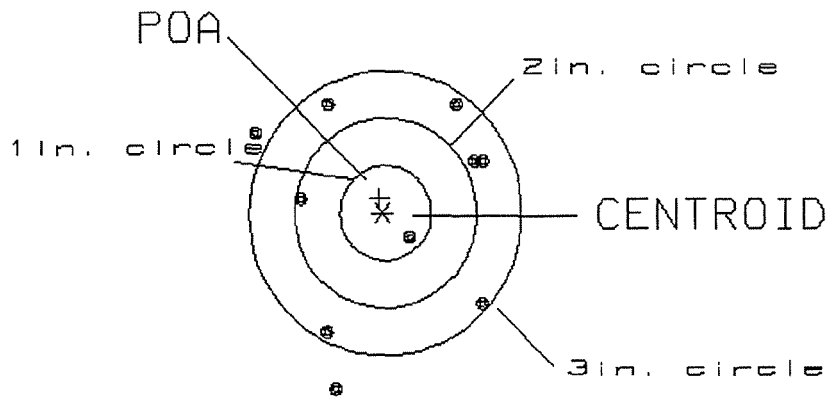
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .154
 MIN RADIUS : .363
 MEAN RADIUS : 1.284
 MAX RADIUS : 1.974
 CENTROID X : .034
 CENTROID Y : -.151

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348873

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.54

1

VS= 3.00

2

GS= 3.32

8

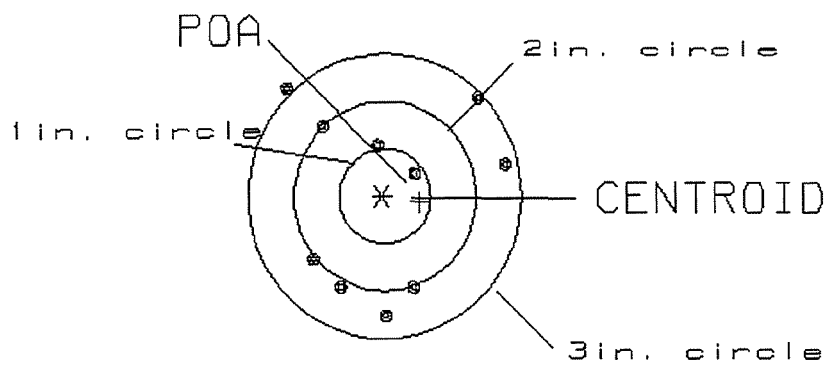
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .420
 MIN RADIUS : .359
 MEAN RADIUS : 1.072
 MAX RADIUS : 1.514
 CENTROID X : -.416
 CENTROID Y : .061

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348873

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 VS= 2.39
 GS= 2.62

1
 3
 9

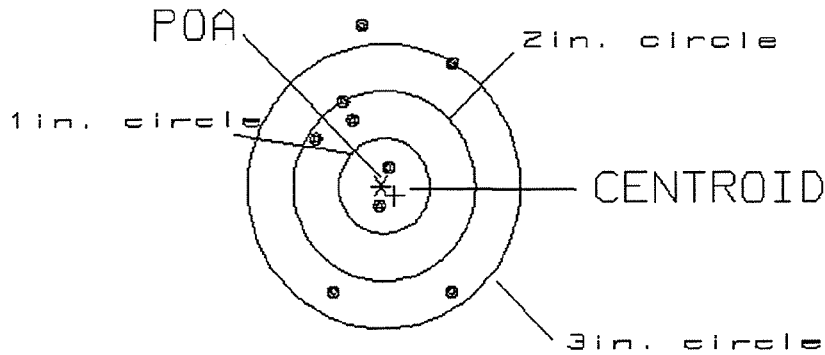
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .177
 MIN RADIUS : .158
 MEAN RADIUS : 1.157
 MAX RADIUS : 2.855
 CENTROID X : -.143
 CENTROID Y : .105

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348873

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.61

2

VS= 4.46

5

GS= 4.59

8

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .204

MIN RADIUS : .252

MEAN RADIUS : 1.394

MAX RADIUS : 3.639

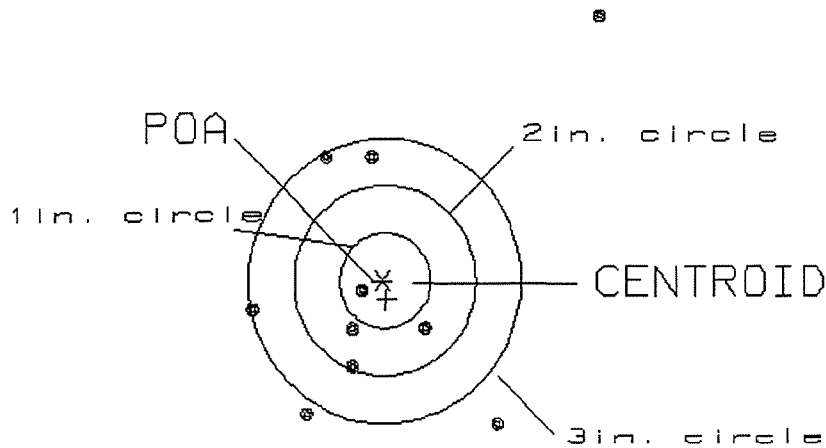
CENTROID X : -.047

CENTROID Y : .198

18 Jul 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6348873

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.80

1

VS= 4.25

3

GS= 5.28

7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348873

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 11	89	RW
600	Proof	8 11	89	RW
607	Check Headspace	8 11	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/15/89	KCR
	Magnaflux Bolt		8/15/89	KCR
615	Rollmark Caliber		8/15/89	LSL
7	Drill and Tap Sight Holes	8 16	89	
618	Polish Barrel <i>dB</i>	8 16	89	
620	Apply Coatings (Barrel Action)		8/19/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/21/89	RW
	C) Inspect Ejector Hole for Chamfer		8/21/89	RW
	D) Oil Firing Pin Ass'y		8/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/22/89	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			8/22/89	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			8/22/89	WB
	H) Trigger Pull Test & Retainability						8/22/89	JO
	I) Firing Pin Indent	.021	.020	.0207			8/22/89	WB
	J) Assemble Stock						8/22/89	RW
	K) Assemble Swivel Studs						25 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/22/89	RW
	M) Iron Sight Alignment						8/22/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/22/89	RW
	O) Attach Scope to Rifle						8/22/89	WB
	P) Detach & Attach Scope 20 Times						8/22/89	WB
640	Gallery Target & Test	53 R	99L				8-24-89	DH
	A) Time						8-24-89	DH
	B) Malfunctions						8-24-89	DH
	C) Pierced Primers						8-24-89	DH
	D) Optical Clarity of Scope						8-24-89	DH
645	Inspect for Live Ammo						8-24-89	DH
655	Final Inspection							
	A) Headspace						25 Aug 89	JS
	B) Trigger Pull	2.59	2.53	2.70	2.69	2.88	25 Aug 89	JS
	C) Function						25 Aug 89	JS
660	Pack						20 Sep 89	

Repaired Stock at front Survival 13 Sept 89

SWS TRIGGER PULL TEST

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

SERIAL NO. C6348873
DATE 11/1/80
TESTER WKB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.42		2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.37		2.37	
PULL #3	2.48	2.45		2.39	
PULL #4	2.47	2.44		2.40	
PULL #5	2.48	2.38		2.42	
TOTAL	12.43	12.06		12.00	
AVG.	2.49	2.41		2.40	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.05		
PULL #2	3.10	3.05		
PULL #3	3.11	3.01		
PULL #4	3.10	3.03		
PULL #5	3.05	3.05		
TOTAL	15.51	15.19		
AVG.	3.10	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.15		
PULL #2	4.21	4.19		
PULL #3	4.19	4.21		
PULL #4	4.25	4.19		
PULL #5	4.21	4.13		
TOTAL	21.07	20.87		
AVG.	4.21	4.17		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348873
25 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.489704
1 TO	2	.934335
1 TO	3	.367764
1 TO	4	.475062
1 TO	5	.470134

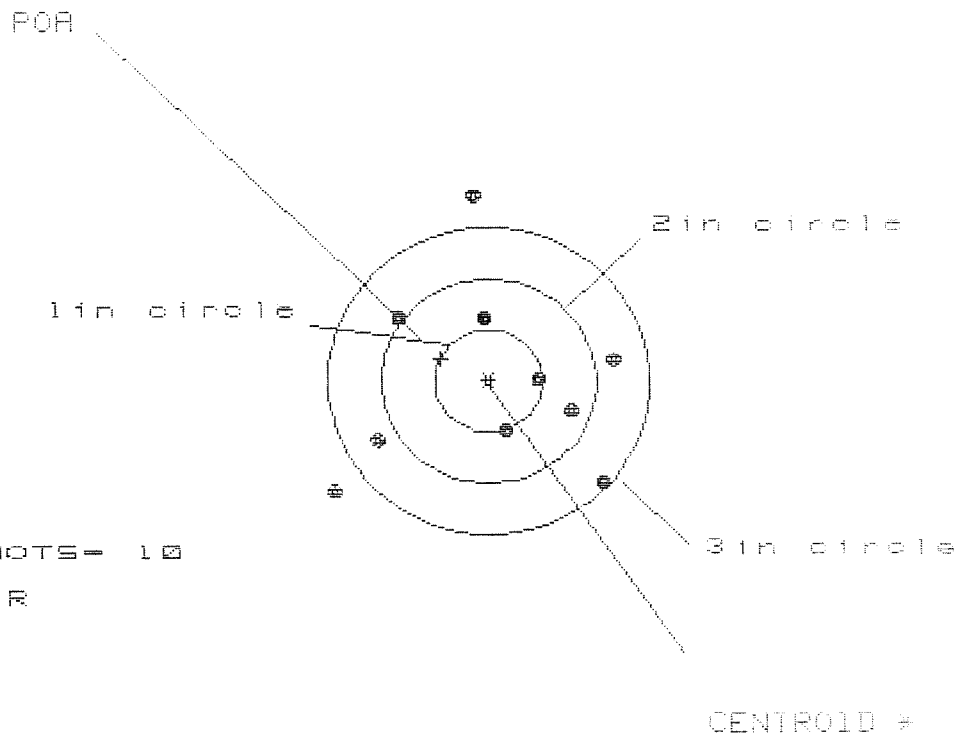
$\frac{2}{4} \frac{5}{1}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1086
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0184
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .110146
THE AMR FOR THIS RIFLE IS: .9986

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348873

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.669

VS= 2.909

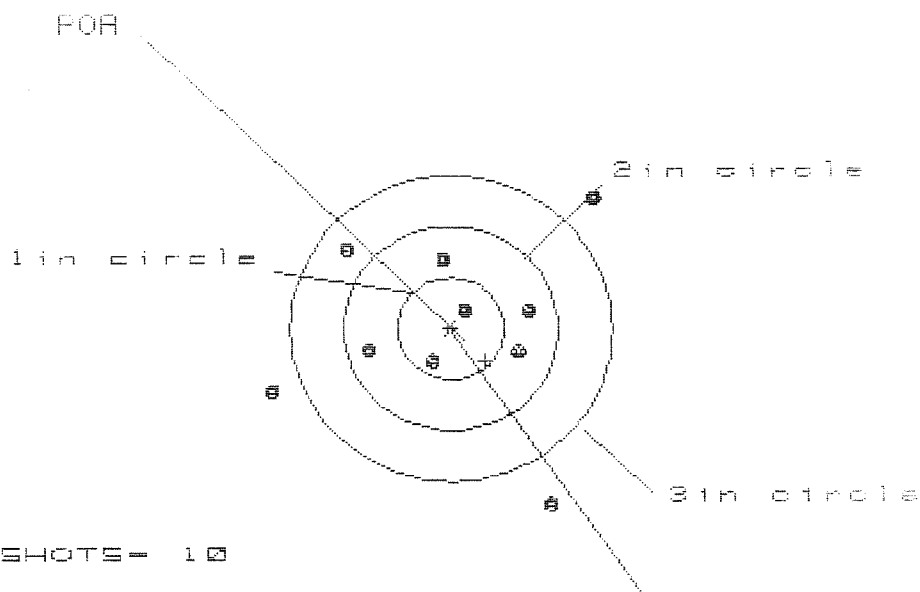
GS= 3.189

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.198	1.180	.994
MINIMUM X	:	-1.471	-1.489	-1.273
MAXIMUM Y	:	1.827	.833	.723
MINIMUM Y	:	-1.082	-.879	-.860
CENTROID X	:	.439	.457	.643
CENTROID Y	:	-.217	-.420	-.310
POA TO CENTROID in.	:	.490	.621	.714
MIN RADIUS	:	.451	.317	.283
MEAN RADIUS	:	1.096	1.001	.867
MAX RADIUS	:	1.834	1.729	1.352
HORIZONTAL SPREAD	:	2.669	2.669	2.267
VERTICAL SPREAD	:	2.909	1.712	1.583
EXTREME SPREAD	:	3.189	2.984	2.496
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348873

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 2.936

VS= 3.048

GS= 3.540

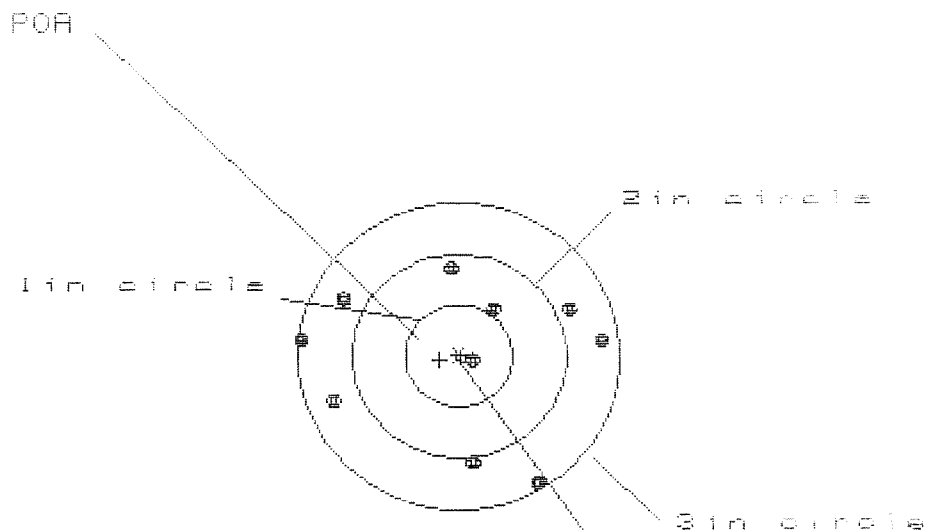
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.282	1.382	.988
MINIMUM X	:	-1.654	-1.554	-1.381
MAXIMUM Y	:	1.319	1.127	.778
MINIMUM Y	:	-1.729	-.850	-.709
CENTROID X	:	-.327	-.427	-.600
CENTROID Y	:	.318	.510	.369
POR TO CENTROID in.	:	.456	.665	.704
MIN RADIUS	:	.191	.231	.362
MEAN RADIUS	:	1.025	.920	.818
MAX RADIUS	:	1.949	1.783	1.553
HORIZONTAL SPREAD	:	2.936	2.936	2.369
VERTICAL SPREAD	:	3.048	1.977	1.487
EXTREME SPREAD	:	3.540	3.540	2.522
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/0834B973

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 10

HS= 2.785

VS= 2.017

GS= 2.785

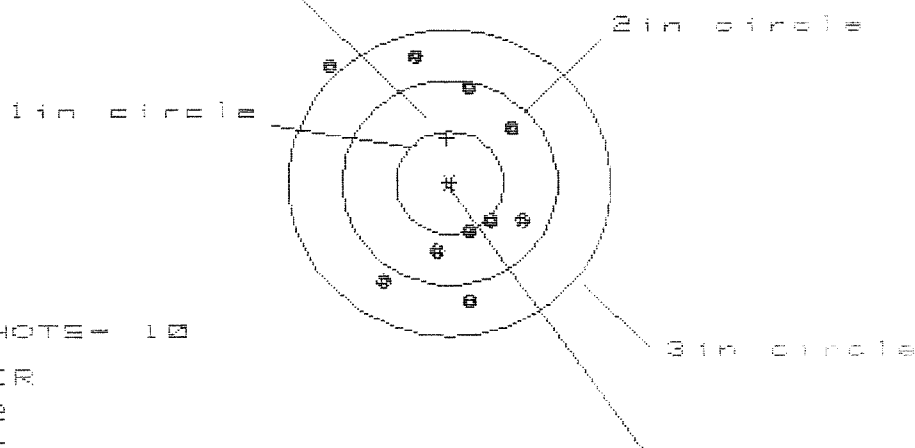
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.324	1.162	1.238
MINIMUM X	:	-1.461	-1.345	-1.269
MAXIMUM Y	:	.818	.840	.693
MINIMUM Y	:	-1.199	-1.177	-1.147
CENTROID X	:	.174	.336	.260
CENTROID Y	:	.038	.016	.163
POA TO CENTROID in.	:	.178	.336	.007
MIN RADIUS	:	.169	.013	.158
MEAN RADIUS	:	1.044	.964	.915
MAX RADIUS	:	1.474	1.413	1.395
HORIZONTAL SPREAD	:	2.785	2.507	2.507
VERTICAL SPREAD	:	2.017	2.017	1.840
EXTREME SPREAD	:	2.785	2.578	2.578
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348873

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 1.833

VS = 2.397

GS = 2.665

CENTROID #

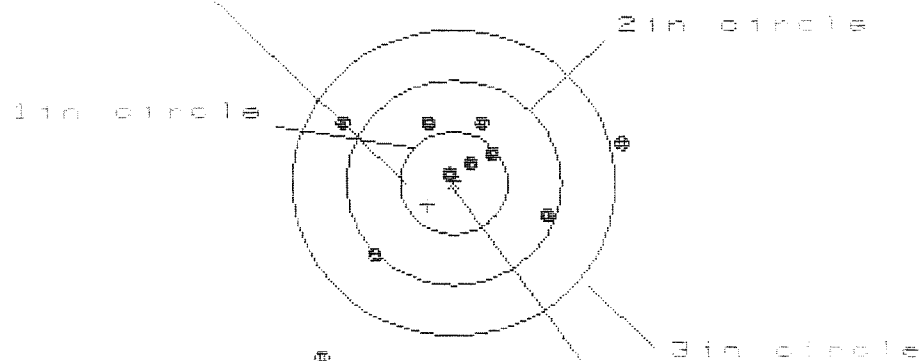
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.725	.601	.541
MINIMUM X	:	-1.109	-.746	-.806
MAXIMUM Y	:	1.254	1.386	1.205
MINIMUM Y	:	-1.143	-1.011	-.838
CENTROID X	:	.019	.143	.203
CENTROID Y	:	-.439	-.571	-.744
POA TO CENTROID in.	:	.440	.589	.771
MIN RADIUS	:	.487	.309	.175
MEAN RADIUS	:	.937	.809	.670
MAX RADIUS	:	1.624	1.467	1.205
HORIZONTAL SPREAD	:	1.833	1.347	1.347
VERTICAL SPREAD	:	2.397	2.397	2.043
EXTREME SPREAD	:	2.665	2.458	2.065
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C8348873

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.775

VS= 2.355

GS= 3.473

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.587	1.454	.894
MINIMUM X	:	-1.188	-1.158	-.976
MAXIMUM Y	:	.620	.428	.448
MINIMUM Y	:	-1.734	-.870	-.850
CENTROID X	:	.238	.371	.189
CENTROID Y	:	.208	.401	.381
POA TO CENTROID in.	:	.317	.546	.425
MIN RADIUS	:	.116	.022	.084
MEAN RADIUS	:	.891	.695	.610
MAX RADIUS	:	2.103	1.463	1.075
HORIZONTAL SPREAD	:	2.775	2.612	1.870
VERTICAL SPREAD	:	2.355	1.298	1.298
EXTREME SPREAD	:	3.473	2.620	2.046
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	




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

REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

SERIAL NO.
C6348873

ORDER NO.
5716

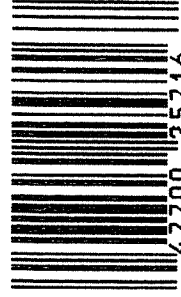
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.



5716 C6348873

Ø1

UPC



0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER W/LEUPOLD 10X SCOPE

INITIAL JJM	CUSTOMER ORDER NO.		DATE RECEIVED 10/29/90				DATE OPENED 10/29/90		DATE CODE		SERIAL NUMBER C6346873		MODEL AND GRADE 700 7.62 NATO		ORDER R 90-28393	
ACCESSORIES HARD CASE																

FROM:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO NY 09050

SHIP TO:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO NY 09050

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	------------	-----------	------------

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
---------------	-----	-----------	-----	-------------	-------

GUN CONDITION:

☐ NEW ☐ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

Repaired per Remington Maintenance letter 70-6

MAIN FAULT

70-6 10/1/90

PARTS						
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400040421

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: RE00131871

Serial: C6348873 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/30/2007 10:56:39 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: A CO 1/10SF BN

A CO 1/10SF BN

Address 1: PANZER KASERNE

PANZER KASERNE

Address 2: APO

PO Box:

APO

PO Box:

City: WH09A0

WH09A0

State: AE

Zip Code: 09107

Country: IT

State: AE

Zip Code: 09107

Country: IT

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
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

7/30/2007

12:49 PM

CAPS

NUM

INS

SCRL

start

4 Micro...

6 Inter...

RAC0179...

Part Sear...

Arms Ser...

12:49 PM

Serial Number: C6348873

Model: M24 SWS



RE00131871

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348873.___0

FILE DATE AND TIME: 09/26/2007 23:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.014
The Average Y Centroid of the Five Target Set:	0.000
The Average Point of Impact of the Five Target Set:	0.014
The Average Mean Radius of the Five Target Set:	0.575
The Distance from POA to Centroid Target #1:	0.110
The Distance from Centroid Target #2 to Centroid Target #1:	0.147
The Distance from Centroid Target #3 to Centroid Target #1:	0.098
The Distance from Centroid Target #4 to Centroid Target #1:	0.268
The Distance from Centroid Target #5 to Centroid Target #1:	0.071

SERIAL NUMBER: C6348873. 0

TARGET NUMBER: 1

FILE DATE: 09/26/2007

FILE TIME: 23:05

POINT#	X	Y
1:	-0.179	0.763
2:	-0.206	0.436
3:	-0.442	0.324
4:	-0.652	-0.169
5:	-0.775	-0.369
6:	0.606	-0.602
7:	0.492	-0.439
8:	0.539	-0.053
9:	0.539	0.227
10:	0.988	0.497

X CENTROID: 0.091

Y CENTROID: 0.061

POA TO CENTROID: 0.110

HORZ SPREAD: 1.763

VERT SPREAD: 1.365

GROUP SPREAD: 1.964

MIN RADIUS: 0.462

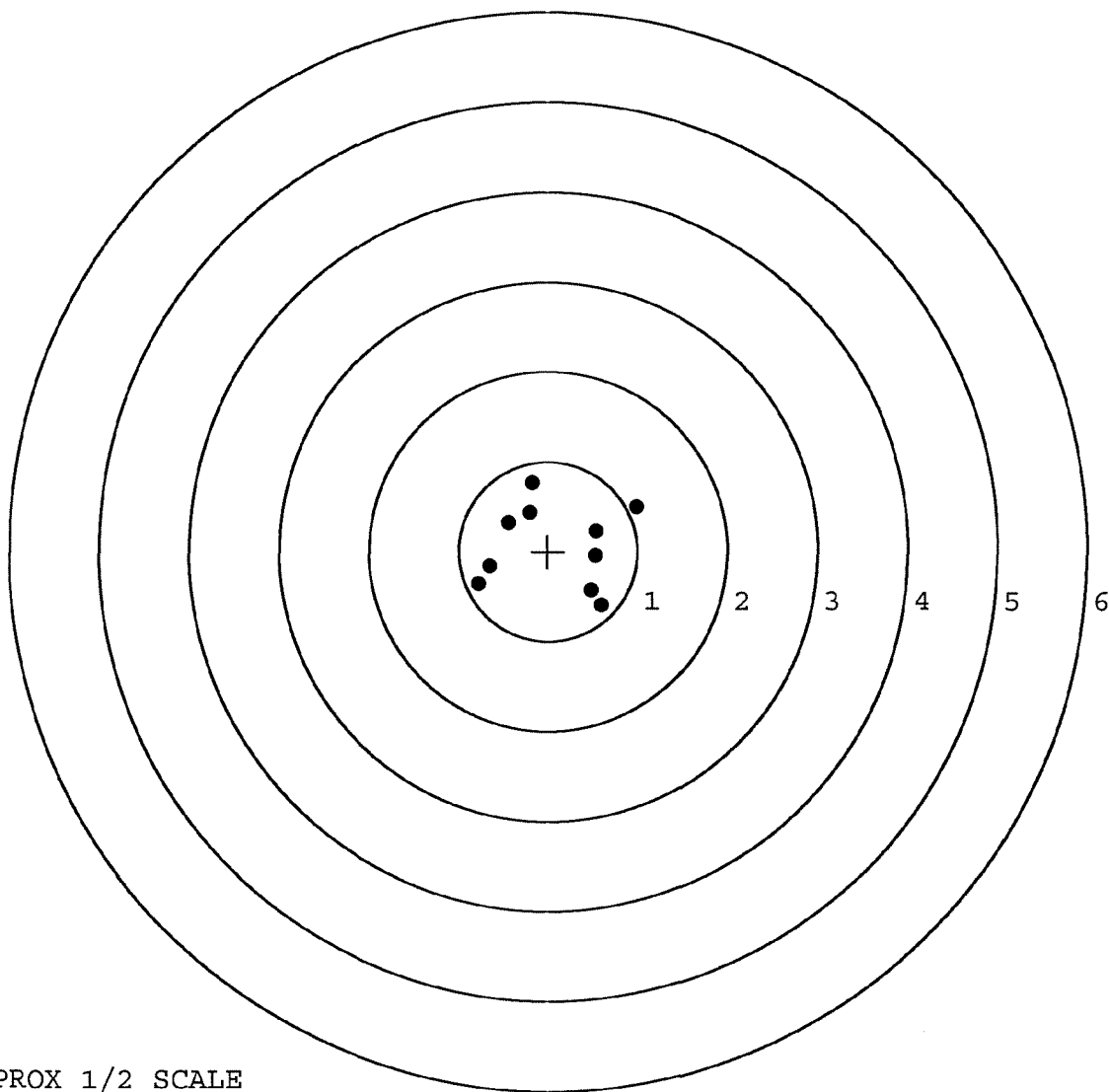
MAX RADIUS: 0.997

MEAN RADIUS: 0.699

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348873. 0

TARGET NUMBER: 2

FILE DATE: 09/26/2007

FILE TIME: 23:05

POINT#	X	Y
1:	-0.207	0.594
2:	0.041	0.419
3:	0.222	0.323
4:	-0.323	-0.027
5:	-1.108	0.106
6:	-0.249	-0.614
7:	0.242	-0.268
8:	0.224	-0.567
9:	0.772	-0.561
10:	0.027	0.467

X CENTROID: -0.036

Y CENTROID: -0.013

POA TO CENTROID: 0.038

HORZ SPREAD: 1.880

VERT SPREAD: 1.208

GROUP SPREAD: 1.995

MIN RADIUS: 0.287

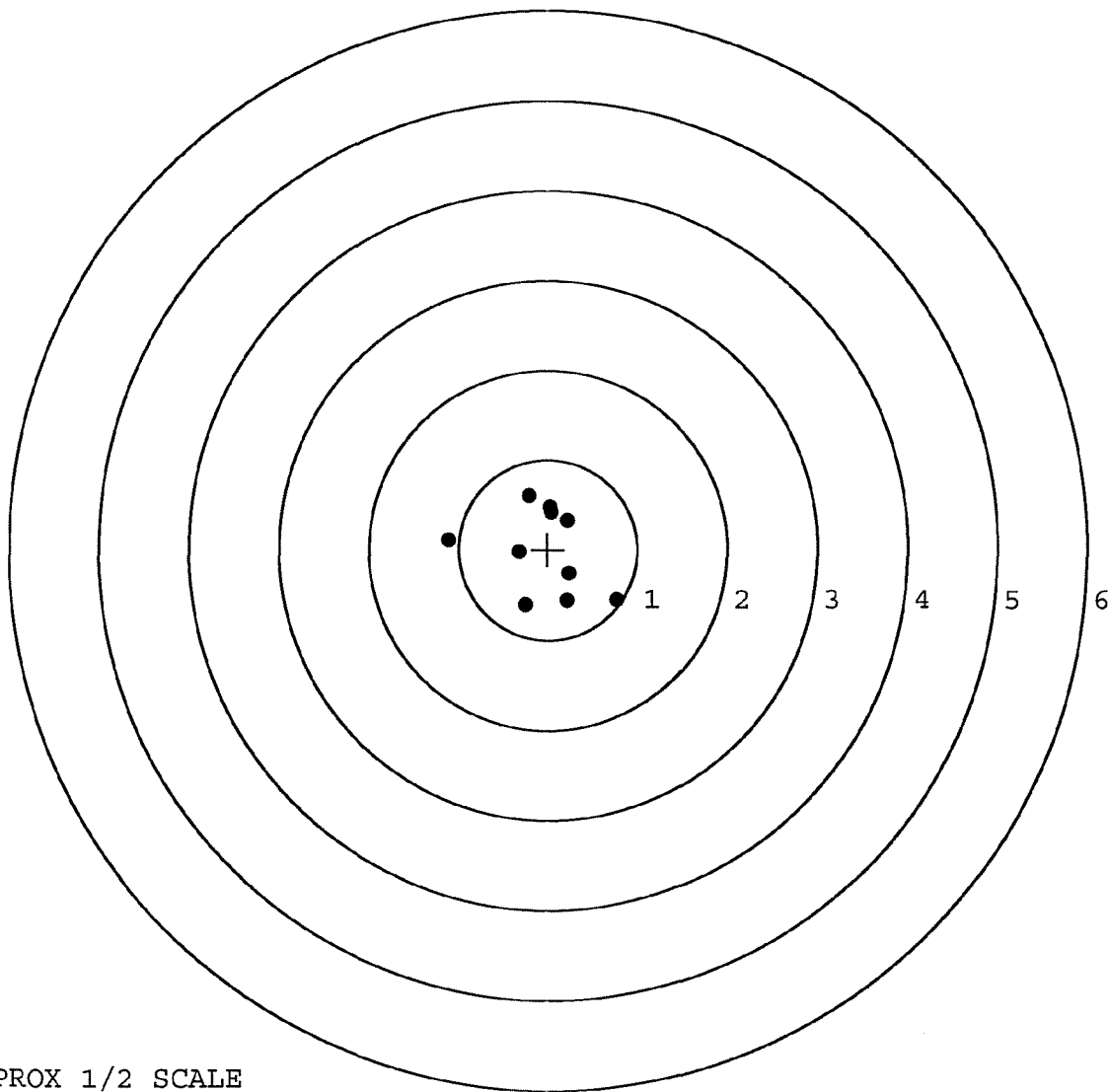
MAX RADIUS: 1.079

MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348873. 0

TARGET NUMBER: 3

FILE DATE: 09/26/2007

FILE TIME: 23:05

POINT#	X	Y
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1:	-0.265	1.123
----	--------	-------

2:	-0.005	0.540
----	--------	-------

3:	0.302	0.435
----	-------	-------

4:	-1.050	0.204
----	--------	-------

5:	-0.326	-0.491
----	--------	--------

6:	0.122	-0.453
----	-------	--------

7:	0.367	-0.365
----	-------	--------

8:	0.507	-0.111
----	-------	--------

9:	0.345	-0.016
----	-------	--------

10:	0.006	0.123
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X CENTROID: 0.000

Y CENTROID: 0.099

POA TO CENTROID: 0.099

HORZ SPREAD: 1.557

VERT SPREAD: 1.614

GROUP SPREAD: 1.623

MIN RADIUS: 0.025

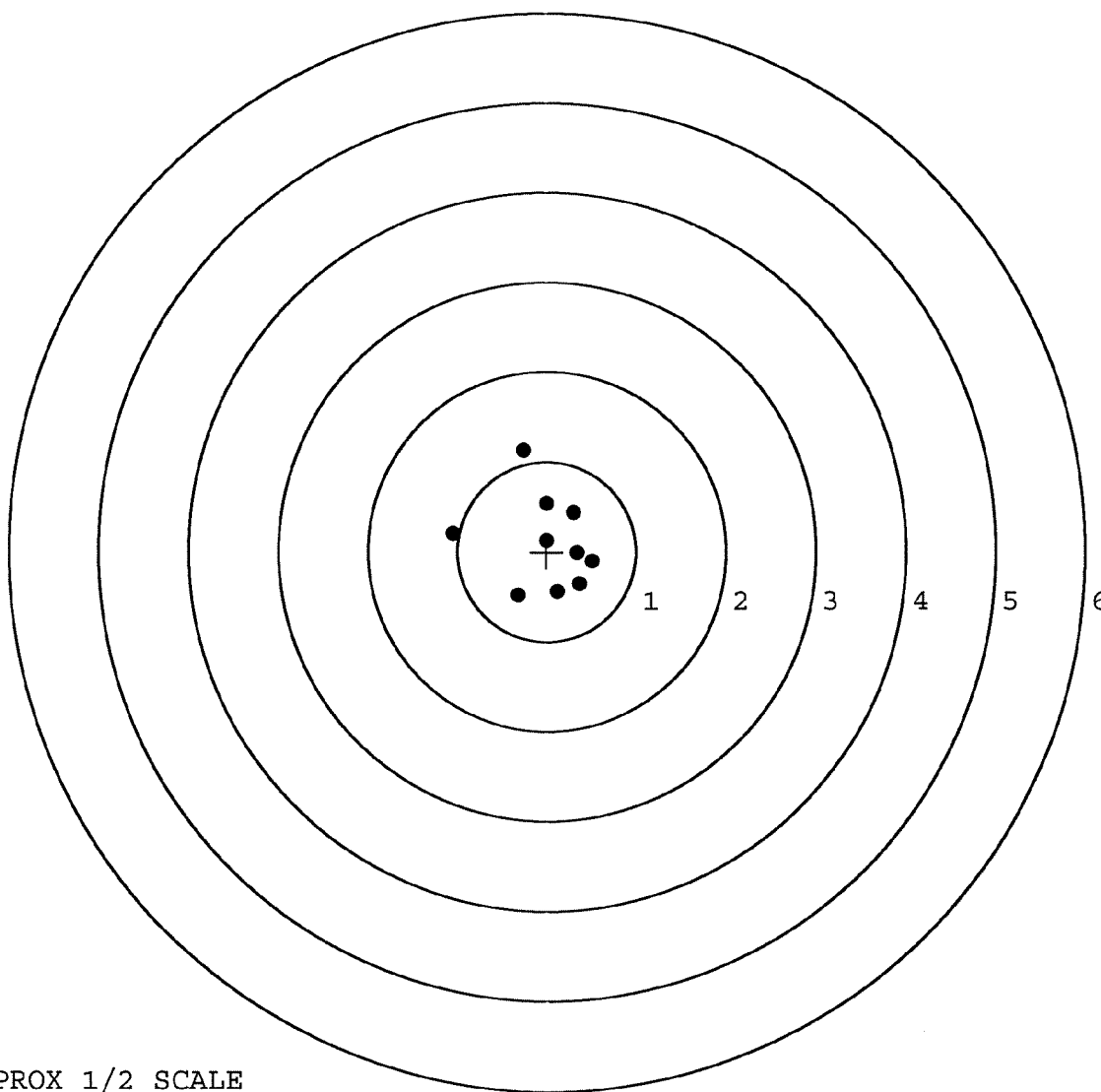
MAX RADIUS: 1.058

MEAN RADIUS: 0.577

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348873. __0

TARGET NUMBER: 4

FILE DATE: 09/26/2007

FILE TIME: 23:05

POINT#	X	Y
1:	0.621	0.185
2:	0.435	-0.069
3:	-0.319	0.164
4:	-0.441	-0.176
5:	-0.188	-0.106
6:	-0.515	-0.325
7:	-0.219	-0.301
8:	-0.238	-0.509
9:	-0.155	-0.666
10:	0.143	0.417

X CENTROID: -0.088

Y CENTROID: -0.139

POA TO CENTROID: 0.164

HORZ SPREAD: 1.136

VERT SPREAD: 1.083

GROUP SPREAD: 1.245

MIN RADIUS: 0.106

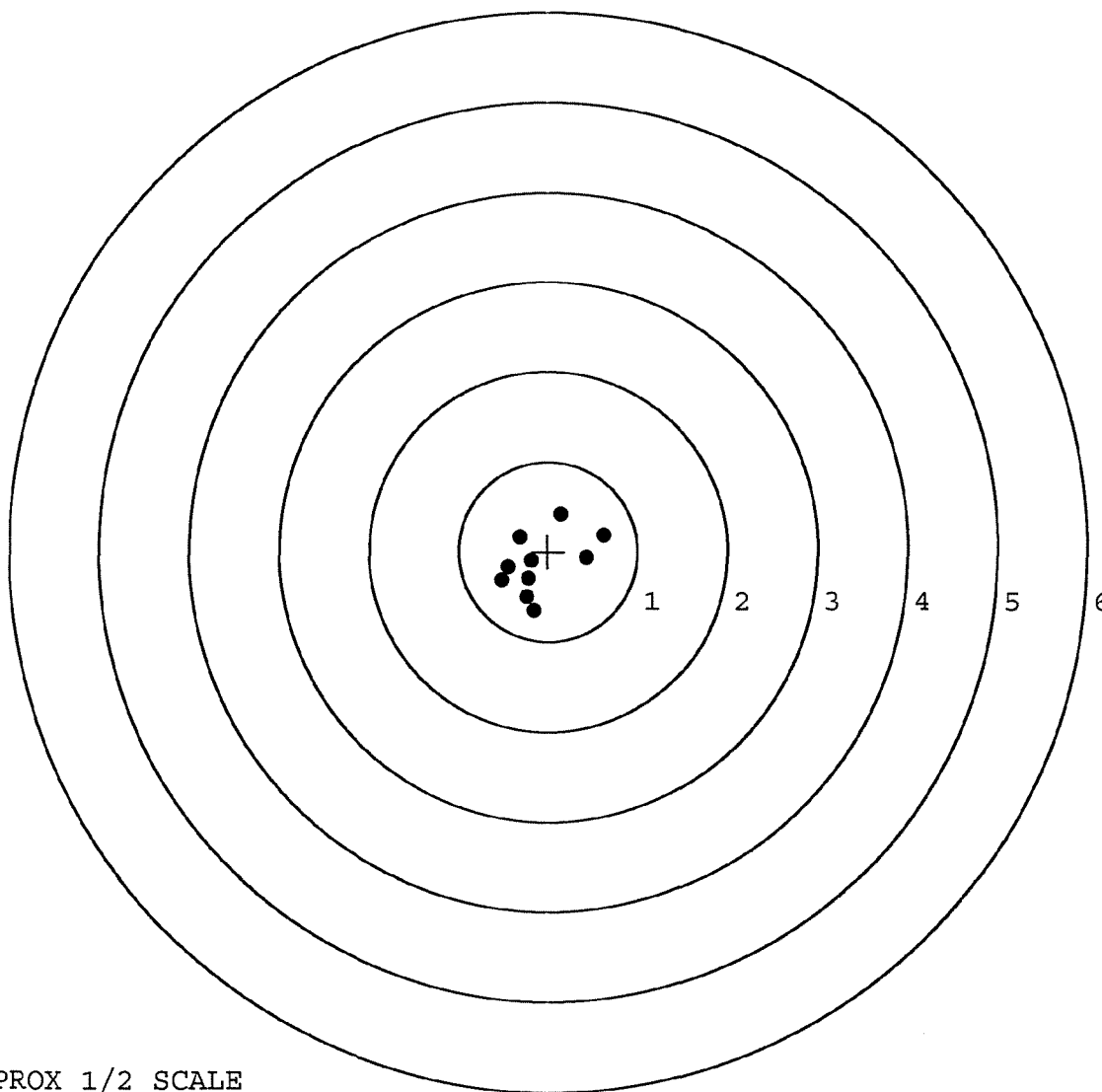
MAX RADIUS: 0.779

MEAN RADIUS: 0.436

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348873. __0

TARGET NUMBER: 5

FILE DATE: 09/26/2007

FILE TIME: 23:05

POINT#	X	Y
1:	-0.326	0.099
2:	-0.547	-0.173
3:	-0.247	-0.340
4:	-0.503	0.281
5:	0.446	0.698
6:	0.238	0.570
7:	0.257	0.002
8:	0.417	-0.139
9:	0.627	-0.342
10:	0.658	-0.746

X CENTROID: 0.102

Y CENTROID: -0.009

POA TO CENTROID: 0.102

HORZ SPREAD: 1.205

VERT SPREAD: 1.444

GROUP SPREAD: 1.550

MIN RADIUS: 0.155

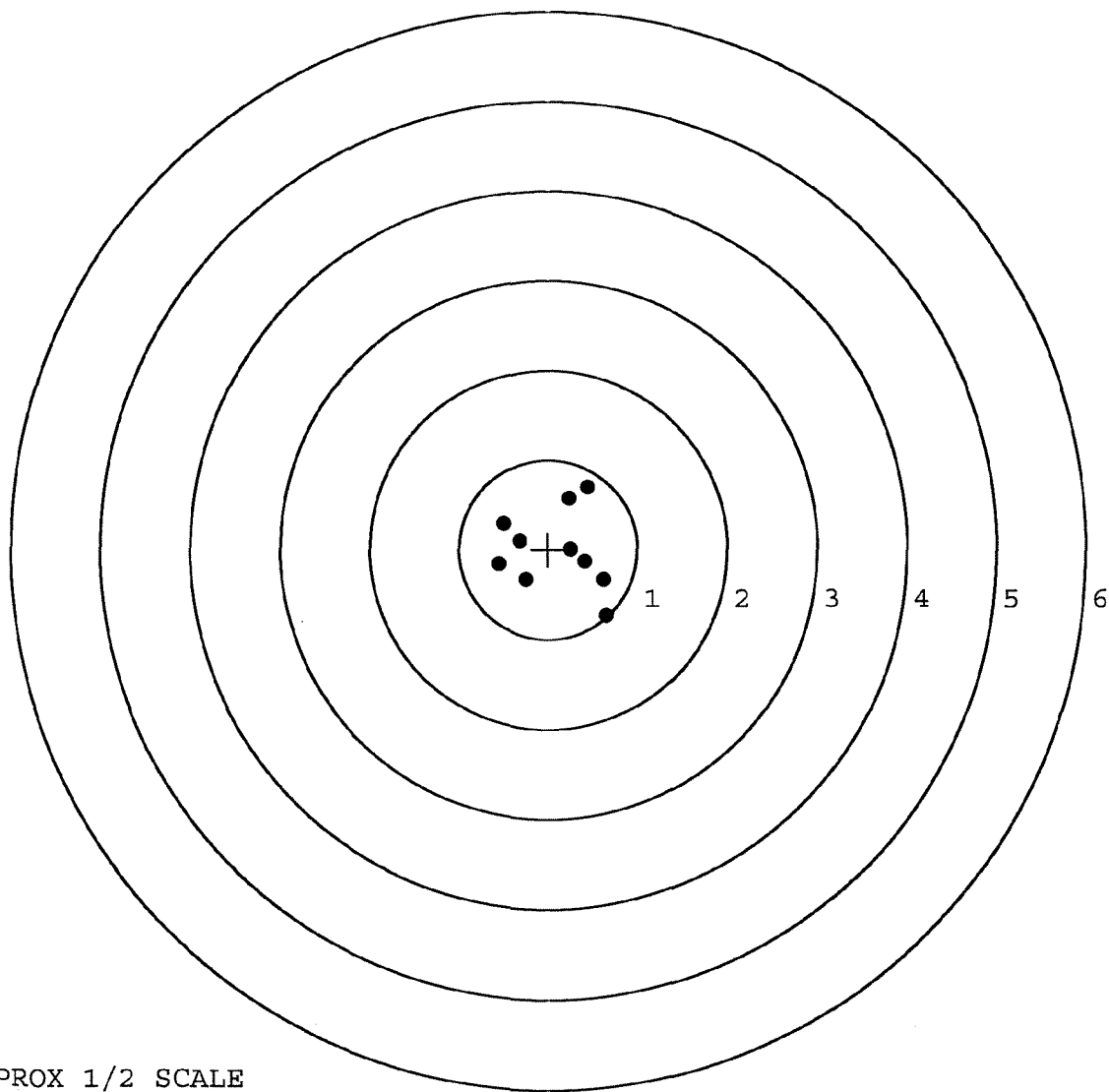
MAX RADIUS: 0.923

MEAN RADIUS: 0.568

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

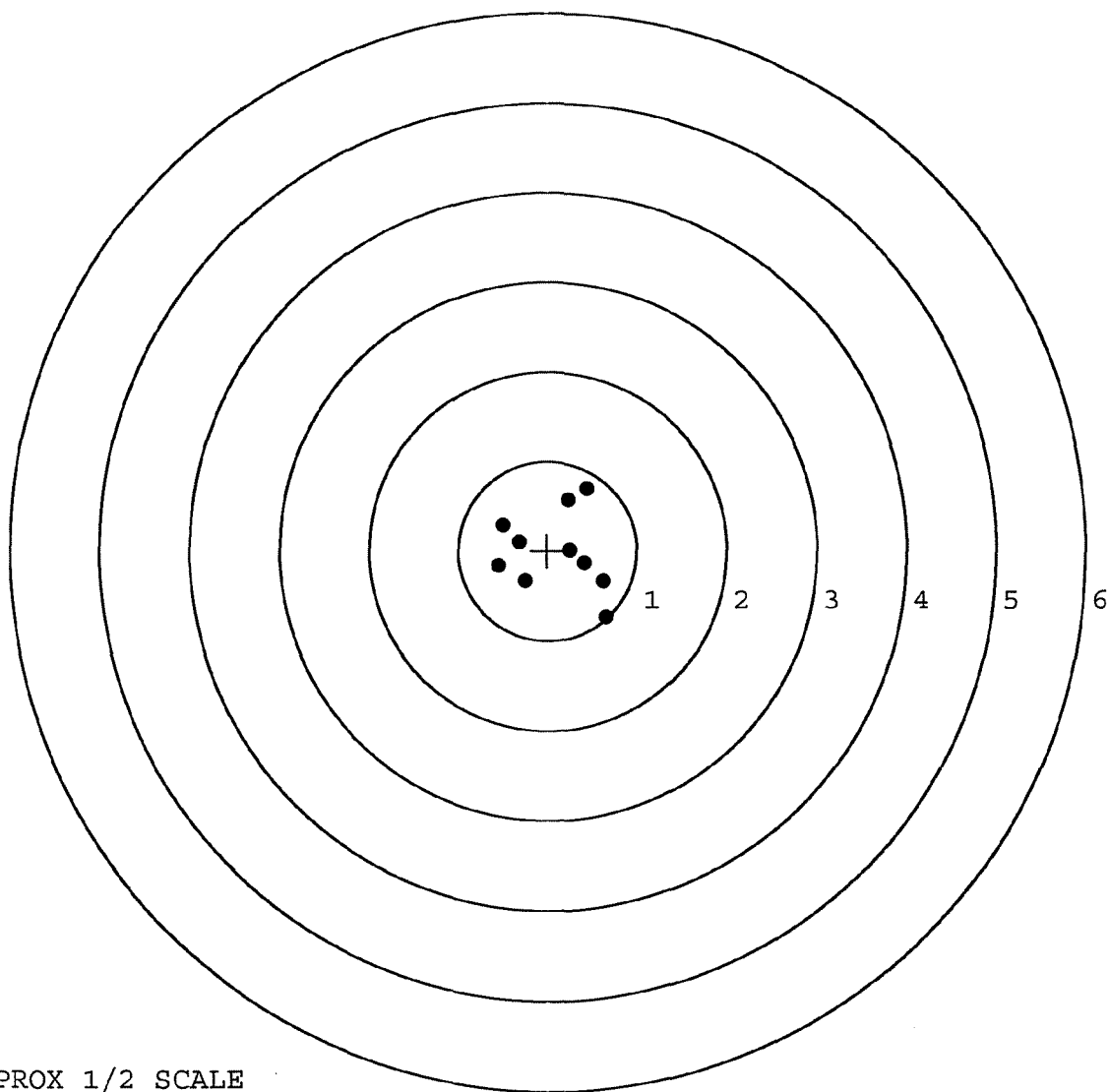
in 3 IN DIAMETER: 10



APPROX 1/2 SCALE

SERIAL NUMBER: C6348873. __0
TARGET NUMBER: 5
FILE DATE: 09/26/2007
FILE TIME: 23:05

	POINT#	X	Y
	1:	-0.326	0.099
	2:	-0.547	-0.173
	3:	-0.247	-0.340
	4:	-0.503	0.281
	5:	0.446	0.698
	6:	0.238	0.570
	7:	0.257	0.002
	8:	0.417	-0.139
	9:	0.627	-0.342
	10:	0.658	-0.746
X CENTROID:		0.102	
Y CENTROID:		-0.009	
POA TO CENTROID:		0.102	
HORZ SPREAD:		1.205	
VERT SPREAD:		1.444	
GROUP SPREAD:		1.550	
MIN RADIUS:		0.155	
MAX RADIUS:		0.923	
MEAN RADIUS:		0.568	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

131871

SERIAL NUMBER

C6348873

LOG-IN DATE

7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-27-07	RTZ
505	RE-BARREL	9-14-07	RTZ
560	ASSEMBLE	9-14-07	RTZ
600	PROOF	MAGNA - FLUX 9/14/07	mm
605	CHECK HEADSPACE	SEP 18 2007 9/14/07	mm
610	DIS-ASSEMBLE GUN	9-17-07	TRW
612	MAGNAFLUX	OPERATOR JRS 9-18-07	JRS
510	DRILL AND TAP	9-17-07	TRW
615	ROLLMARK CALIBER	9-17-07	CW
618	ROTO-BLAST	9-18-07	LC
620	APPLY COATINGS	9/18/07	RS
625	FINAL ASSEMBLY	9-20-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 9/24/07	mm
650	TARGET	PASS FAIL 9/24/07	mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-26-07	SD
	A) HEADSPACE	PASS FAIL 10/6/07 10/2/07	mm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.58 2.52 2.63 2.52 2.47 9-27-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 4.2 3.75 3.75 9-27-07	DA
	G) SAFETY OFF FORCE	2 LBS 3.2 2.5 3.2 9-27-07	DA
	I) FIRING PIN INDENT	.020 .021 .0215 .104 9-27-07	DA
690	PACK	10-4-07	DA