

C6348748

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

Repair Inquiry

Repair Number: **RE00065610**Serial: C6348748 Model 700 Center Fire Caliber: 7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 5/16/2003 1:02:16 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **TRANSPORTATION OFFICER****TRANSPORTATION OFFICER**Address 1: **DEF DIST DEPOT ANNISTON AL****DEF DIST DEPOT ANNISTON AL**Address 2: **BOEBLINGEN, GE**

PO Box:

BOEBLINGEN, GE

PO Box:

City: **ANNISTON****ANNISTON**State: **AL**Zip Code: **36201**Country: **US**State: **AL**Zip Code: **36201**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 Stud	3
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1

Repair Search

Refresh

Close

naglelj

5/19/2003

7:15 AM

CAPS

NUM

INS

SCRL

start

5 Micros...

3 Micros...

Start Over...

Part Search...

Remington...

Arms Servi...

7:15 AM

Serial Number: **C6348748**Model: **700****RE00065610**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348748.___0

FILE DATE AND TIME: 06/11/2003 07:38

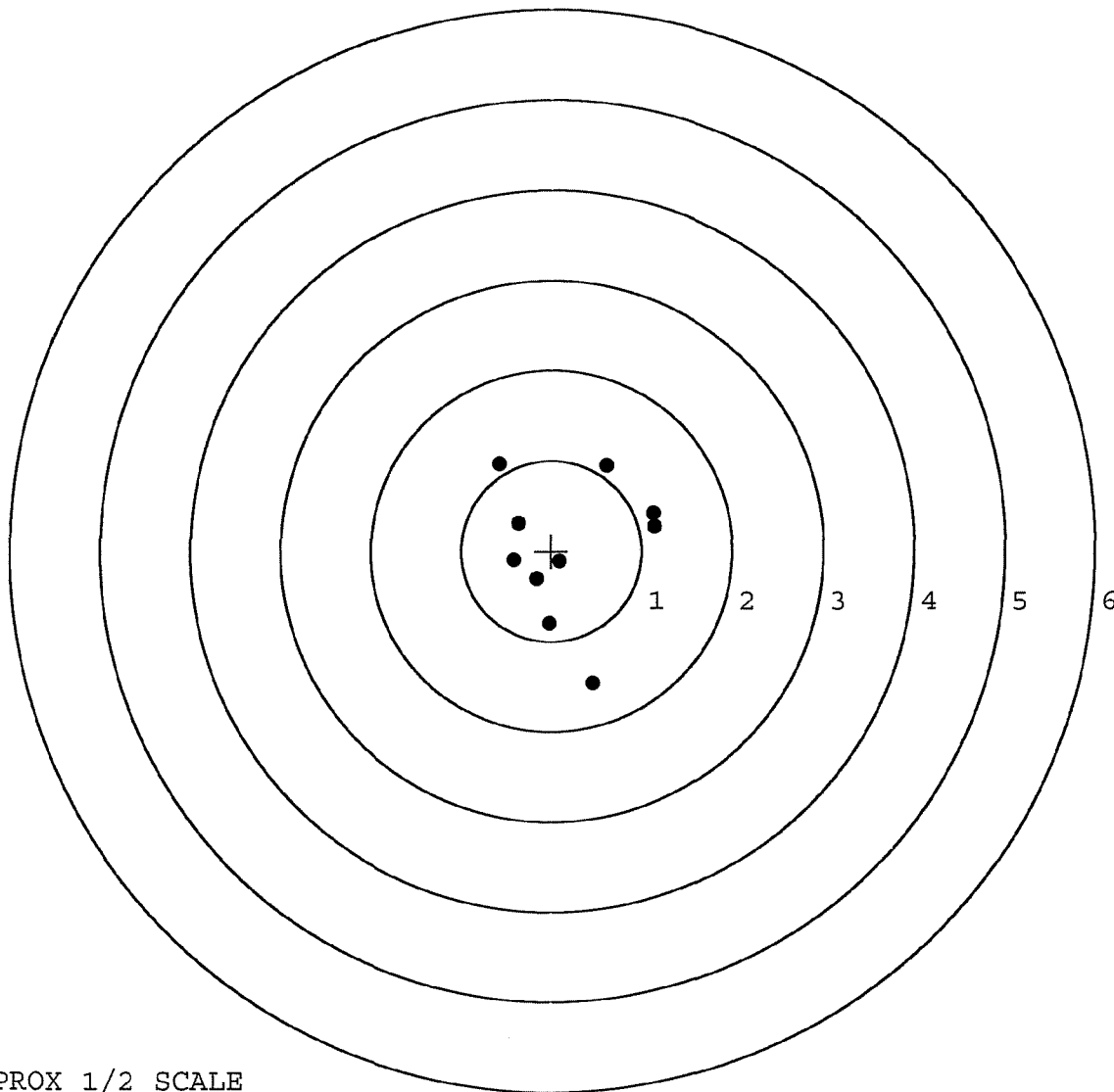
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.045
The Average Y Centroid of the Five Target Set:	-0.002
The Average Point of Impact of the Five Target Set:	0.045
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.188
The Distance from Centroid Target #2 to Centroid Target #1:	0.162
The Distance from Centroid Target #3 to Centroid Target #1:	0.237
The Distance from Centroid Target #4 to Centroid Target #1:	0.296
The Distance from Centroid Target #5 to Centroid Target #1:	0.245

SERIAL NUMBER: C6348748. __0
TARGET NUMBER: 1
FILE DATE: 06/11/2003
FILE TIME: 07:38

POINT#	X	Y
1:	1.137	0.273
2:	1.120	0.416
3:	0.608	0.942
4:	-0.585	0.960
5:	0.463	-1.468
6:	-0.020	-0.808
7:	0.098	-0.117
8:	-0.163	-0.309
9:	-0.417	-0.102
10:	-0.368	0.310

X CENTROID: 0.187
Y CENTROID: 0.010
POA TO CENTROID: 0.188
HORZ SPREAD: 1.722
VERT SPREAD: 2.428
GROUP SPREAD: 2.645
MIN RADIUS: 0.155
MAX RADIUS: 1.503
MEAN RADIUS: 0.847
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

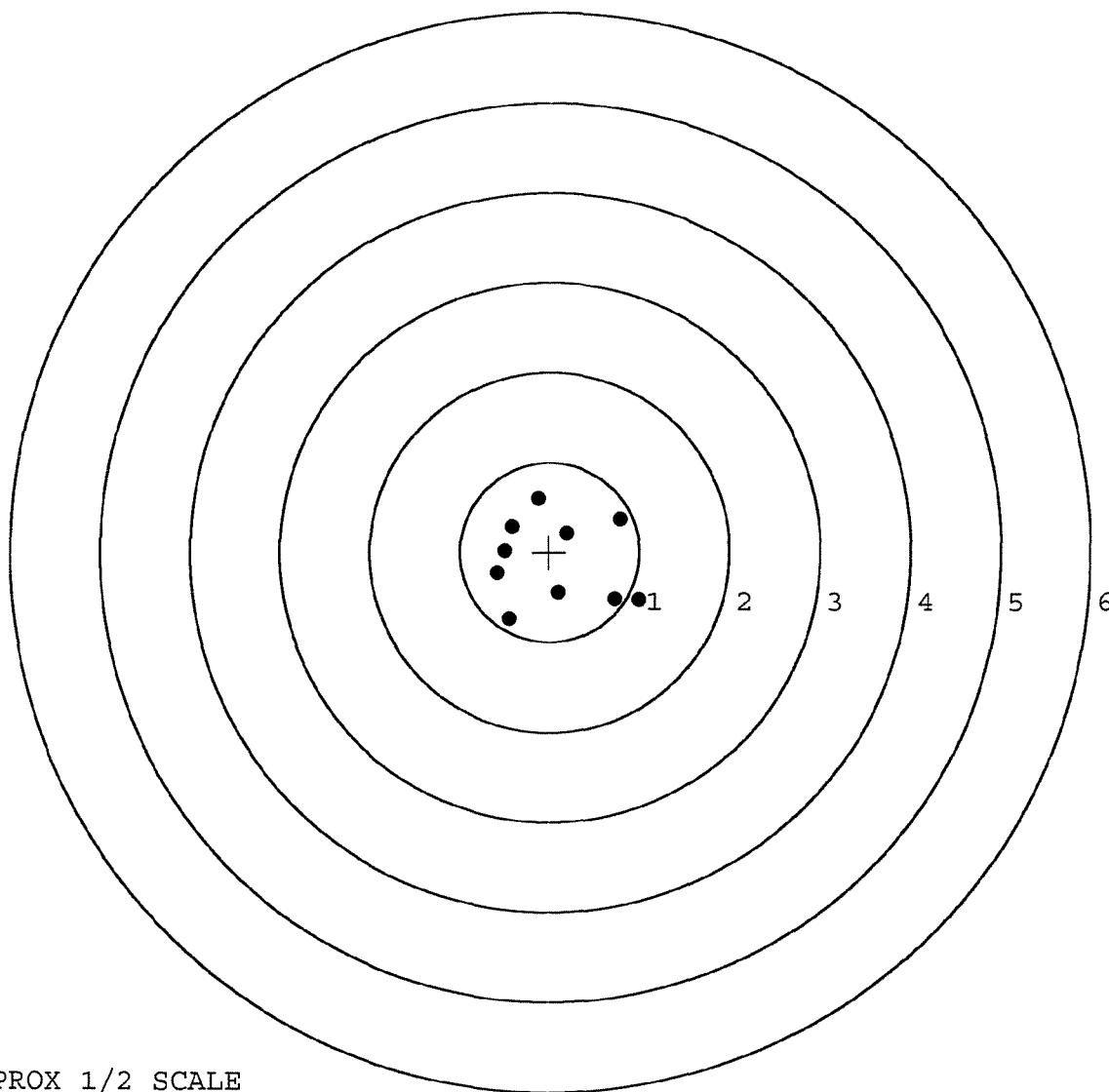


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348748. __0
TARGET NUMBER: 2
FILE DATE: 06/11/2003
FILE TIME: 07:38

POINT#	X	Y
1:	0.994	-0.538
2:	0.727	-0.529
3:	0.781	0.373
4:	0.192	0.211
5:	0.101	-0.458
6:	-0.447	-0.750
7:	-0.580	-0.238
8:	-0.426	0.283
9:	-0.133	0.598
10:	-0.496	0.016

X CENTROID: 0.071
Y CENTROID: -0.103
POA TO CENTROID: 0.125
HORZ SPREAD: 1.574
VERT SPREAD: 1.348
GROUP SPREAD: 1.640
MIN RADIUS: 0.337
MAX RADIUS: 1.020
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

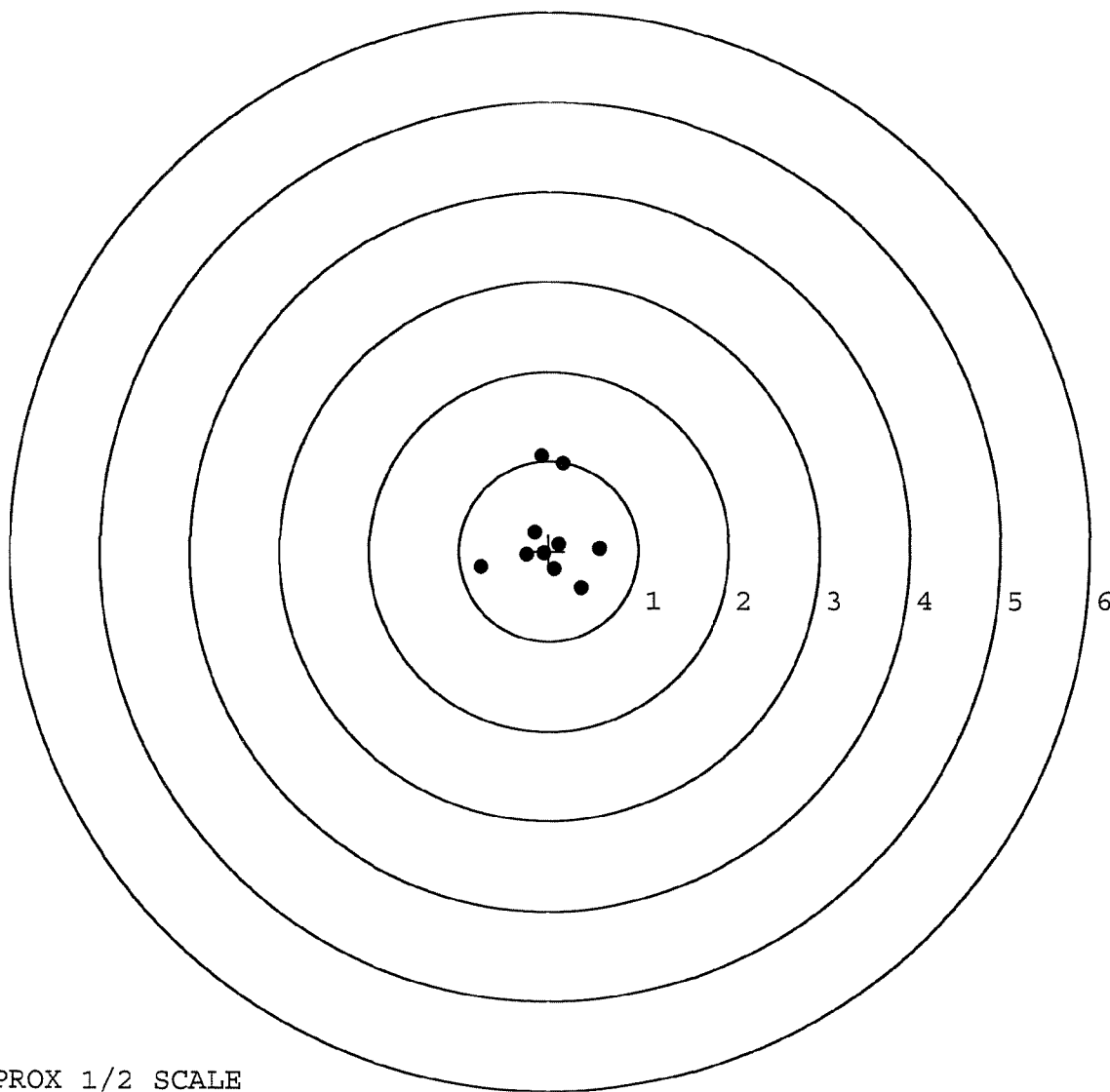


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348748.___0
TARGET NUMBER: 3
FILE DATE: 06/11/2003
FILE TIME: 07:38

X CENTROID: -0.004
Y CENTROID: 0.150
POA TO CENTROID: 0.150
HORZ SPREAD: 1.327
VERT SPREAD: 1.466
GROUP SPREAD: 1.534
MIN RADIUS: 0.142
MAX RADIUS: 0.911
MEAN RADIUS: 0.500
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.572	0.033
2:	0.365	-0.409
3:	-0.755	-0.174
4:	0.163	0.977
5:	-0.086	1.057
6:	0.117	0.076
7:	-0.166	0.212
8:	-0.252	-0.042
9:	0.061	-0.200
10:	-0.055	-0.028

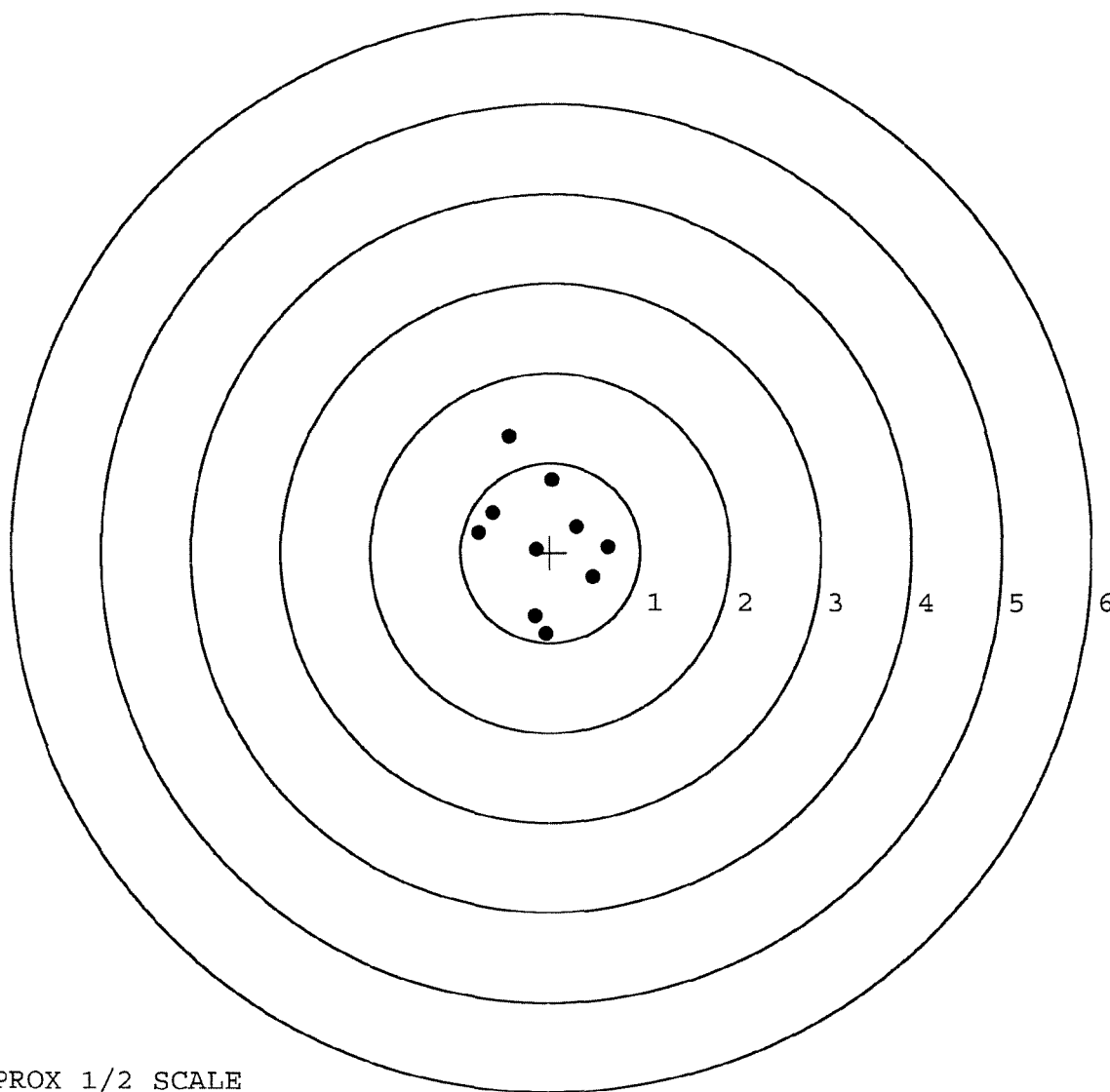


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348748. __0
TARGET NUMBER: 4
FILE DATE: 06/11/2003
FILE TIME: 07:38

POINT#	X	Y
1:	0.477	-0.278
2:	0.646	0.066
3:	0.292	0.285
4:	-0.156	0.032
5:	0.020	0.808
6:	-0.463	1.295
7:	-0.643	0.445
8:	-0.804	0.225
9:	-0.169	-0.708
10:	-0.048	-0.909

X CENTROID: -0.085
Y CENTROID: 0.126
POA TO CENTROID: 0.152
HORZ SPREAD: 1.450
VERT SPREAD: 2.204
GROUP SPREAD: 2.243
MIN RADIUS: 0.118
MAX RADIUS: 1.229
MEAN RADIUS: 0.711
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

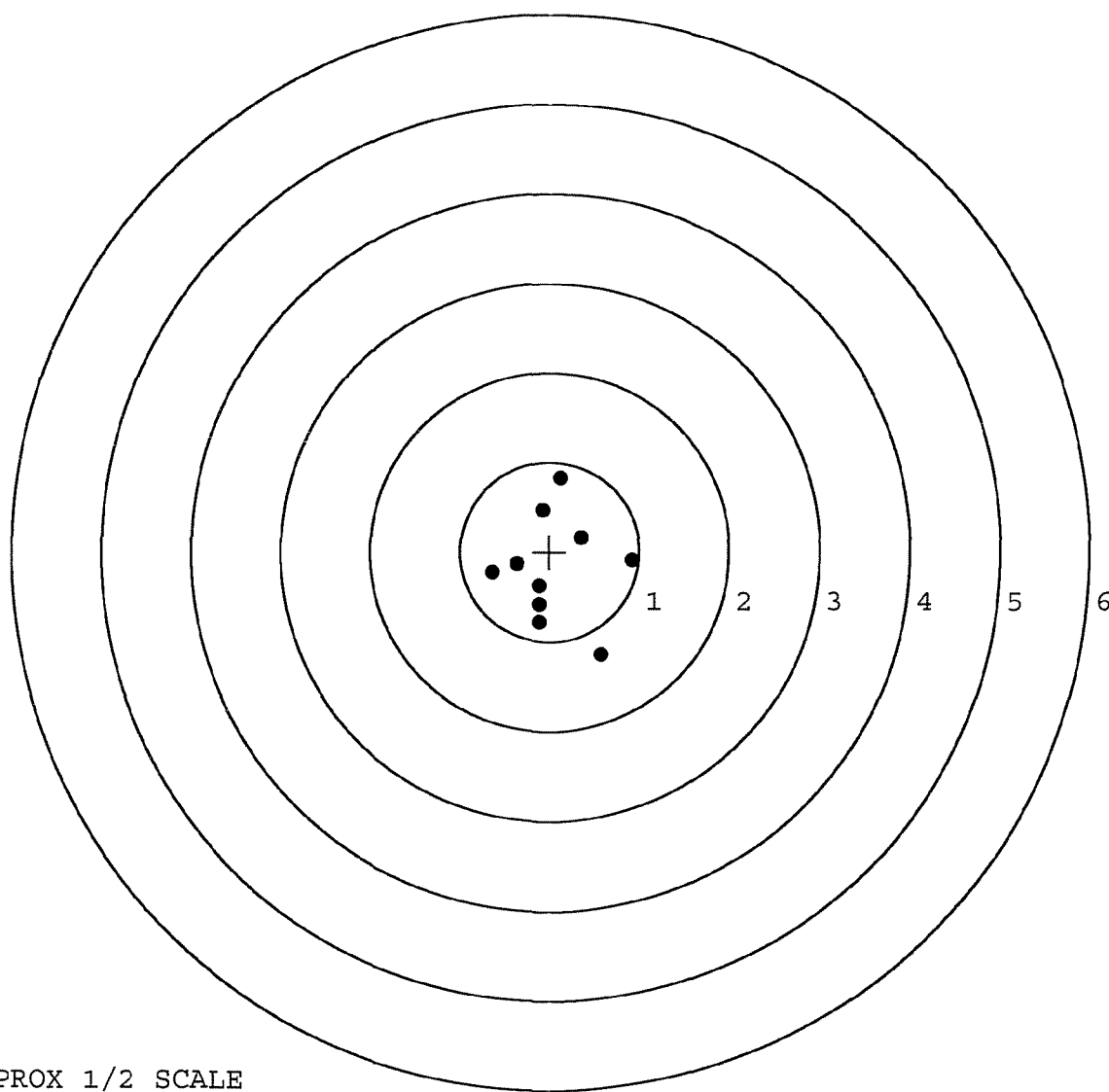


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348748.___0
TARGET NUMBER: 5
FILE DATE: 06/11/2003
FILE TIME: 07:38

POINT#	X	Y
1:	0.922	-0.105
2:	0.574	-1.149
3:	0.353	0.155
4:	0.121	0.825
5:	-0.082	0.463
6:	-0.363	-0.142
7:	-0.640	-0.234
8:	-0.119	-0.385
9:	-0.115	-0.590
10:	-0.118	-0.788

X CENTROID: 0.053
Y CENTROID: -0.195
POA TO CENTROID: 0.202
HORZ SPREAD: 1.562
VERT SPREAD: 1.974
GROUP SPREAD: 2.025
MIN RADIUS: 0.256
MAX RADIUS: 1.087
MEAN RADIUS: 0.653
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

SERIAL # 06348748 INSPECTED BY: RTL

DATE REC'D: 5/16/03 DATE RET'D: 6-13-03

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

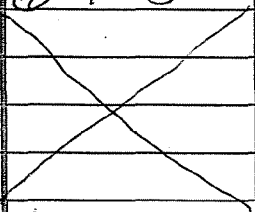
☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	105610		
SERIAL NUMBER	C6348748		
LOG-IN DATE	5/16/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/19/03	RTL
560 A	RE-BARREL	5/20/03	RTL
B	DRILL AND TAP	5/20/03	TRW
575	ASSEMBLE	5/20/03	RTL
600	PROOF	5-20-03	AC
605	CHECK HEADSPACE	5-20-03	AC
610	DIS-ASSEMBLE GUN	5/20/03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5/27/03	AB
618	ROTO-BLAST	5/29/03	JB
620	APPLY COATINGS	6-8	TA
625 A	FINAL ASSEMBLY	6-9-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-11-03	TRW
655	FINAL INSPECT	6-13-03	RTL
660	PACK	6-13-03	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®



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

MODEL 700™ M24

SERIAL NO.
C6348748

ORDER NO.
5716

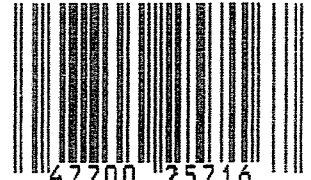
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6348748

01

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348748

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 12	89	RW
600	Proof	6 12	89	RW
607	Check Headspace	6 12	89	RW
610	Dis-assemble Gun	6 12	30	RW
612	Magnaflux Barrel Action		6/21/89	KCR
	Magnaflux Bolt		6/21/89	KCR
615	Rollmark Caliber		6/21/89	D.S.
617	Drill and Tap Sight Holes	6 26	89	F.B.
618	Polish Barrel	6 26	89	B.T.
620	Apply Coatings (Barrel Action)		7-12-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/14/89	RW
	C) Inspect Ejector Hole for Chamfer		7/14/89	RW
	D) Oil Firing Pin Ass'y		7/14/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		18 July 89	QJ

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			18 July 89	LD
	G) Safety Off Force	3	3	3			18 July 89	LD
	H) Trigger Pull Test & Retainability						18 July 89	LD
	I) Firing Pin Indent	.022	.022	.021			18 July 89	LD
	J) Assemble Stock						7/19/89	RW
	K) Assemble Swivel Studs						20 July 89	LD
	L) Attach Front and Rear Sight Assemblies						7/19/89	RW
	M) Iron Sight Alignment						7/19/89	RW
	N) Detach Front & Rear Sights & place in numbered container						7/19/89	RW
	O) Attach Scope to Rifle						7/21/89	JY
	P) Detach & Attach Scope 20 Times						7/25/89	JY
640	Gallery Target & Test	68R	83L				7-26-89	DH
	A) Time						7-26-89	DH
	B) Malfunctions						7-26-89	DH
	C) Pierced Primers						7-26-89	DH
	D) Optical Clarity of Scope						7-26-89	DH
645	Inspect for Live Ammo						7-26-89	DH
655	Final Inspection							
	A) Headspace						26 July 89	LD
	B) Trigger Pull	2.25	2.79	2.81	2.54	2.74	26 July 89	LD
	C) Function						26 July 89	LD
660	Pack							30 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. C6348748
DATE 11/1/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.28	2.42		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.22	2.37		
PULL #3	2.34	2.23	2.36		
PULL #4	2.35	2.22	2.37		
PULL #5	2.35	2.21	2.36		
TOTAL	11.72	11.16	11.88		
AVG.	2.34	2.23	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.06		
PULL #2	3.18	3.00		
PULL #3	3.11	2.95		
PULL #4	3.15	3.00		
PULL #5	3.09	3.00		
TOTAL	15.64	15.01		
AVG.	3.13	3.00		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.01		
PULL #2	4.03	4.04		
PULL #3	4.02	4.00		
PULL #4	4.04	3.97		
PULL #5	4.03	3.98		
TOTAL	20.22	20.00		
AVG.	4.04	4.00		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348748
26 Jul 1989

CENTROIDAL DISTANCES

0 TO	1	.741847
1 TO	2	.805016
1 TO	3	.491406
1 TO	4	.644485
1 TO	5	.702254

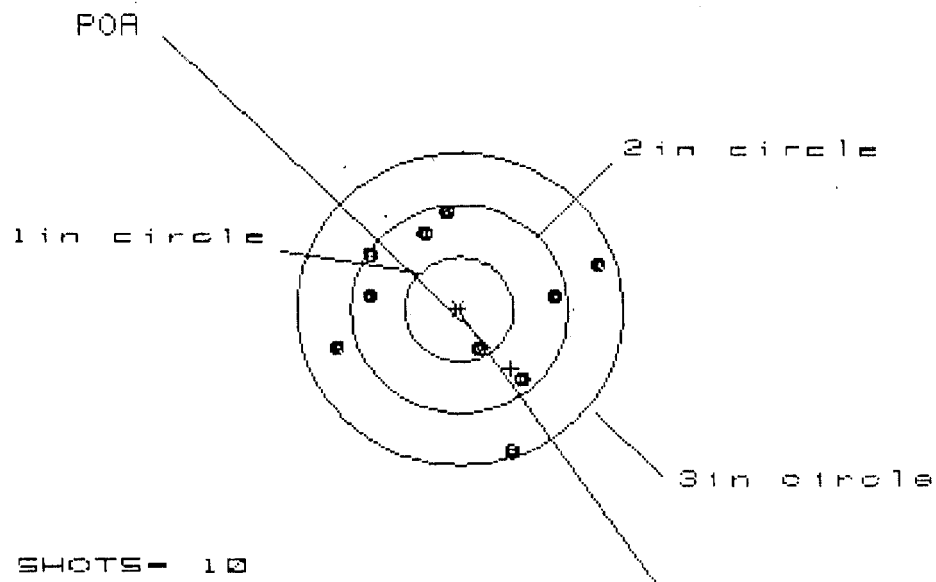
$\frac{1}{5} \frac{3}{4}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4224
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .449597
THE AMR FOR THIS RIFLE IS: 1.122

26 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348748

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 2.383

VS= 2.348

GS= 2.497

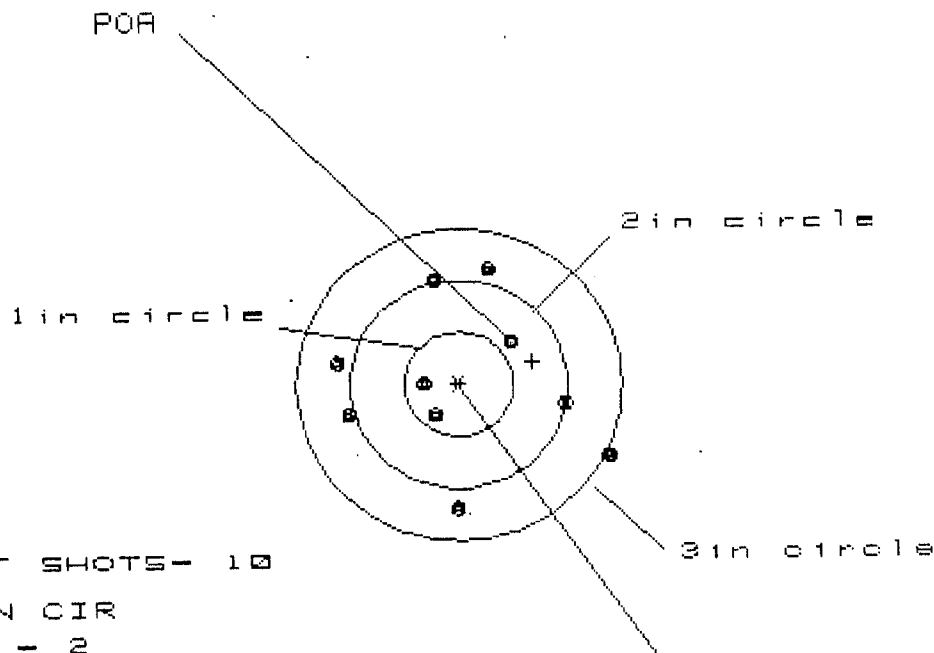
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.229	1.280	1.105
MINIMUM X	:	-1.154	-1.103	-.943
MAXIMUM Y	:	.934	.777	.805
MINIMUM Y	:	-1.414	-.849	-.821
CENTROID X	:	-.476	-.527	-.687
CENTROID Y	:	.569	.726	.698
POA TO CENTROID in.	:	.742	.897	.979
MIN RADIUS	:	.457	.622	.648
MEAN RADIUS	:	.988	.918	.852
MAX RADIUS	:	1.486	1.300	1.128
HORIZONTAL SPREAD	:	2.383	2.383	2.048
VERTICAL SPREAD	:	2.348	1.626	1.626
EXTREME SPREAD	:	2.497	2.497	2.105
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

26 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348748

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS= 2.489

VS= 2.303

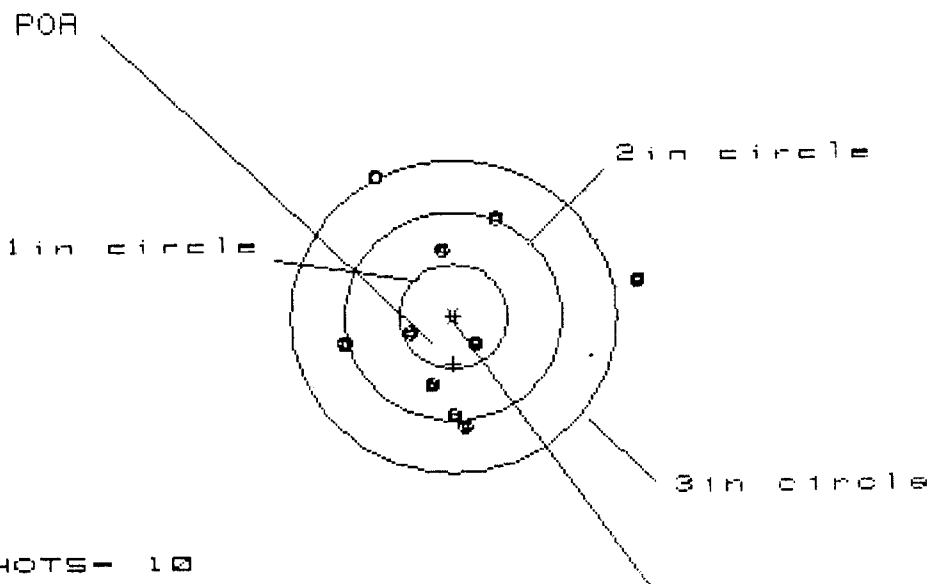
GS= 2.640

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.336	1.095	1.107
MINIMUM X	:	-1.153	-1.005	-.993
MAXIMUM Y	:	1.085	1.010	.848
MINIMUM Y	:	-1.218	-1.293	-.532
CENTROID X	:	-.679	-.827	-.839
CENTROID Y	:	-.210	-.135	.027
POA TO CENTROID in.	:	.710	.838	.840
MIN RADIUS	:	.350	.226	.305
MEAN RADIUS	:	.934	.847	.790
MAX RADIUS	:	1.499	1.297	1.195
HORIZONTAL SPREAD	:	2.489	2.100	2.100
VERTICAL SPREAD	:	2.303	2.303	1.380
EXTREME SPREAD	:	2.640	2.322	2.140
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348748

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 8

HS- 2.754

VS- 2.463

GS- 2.814

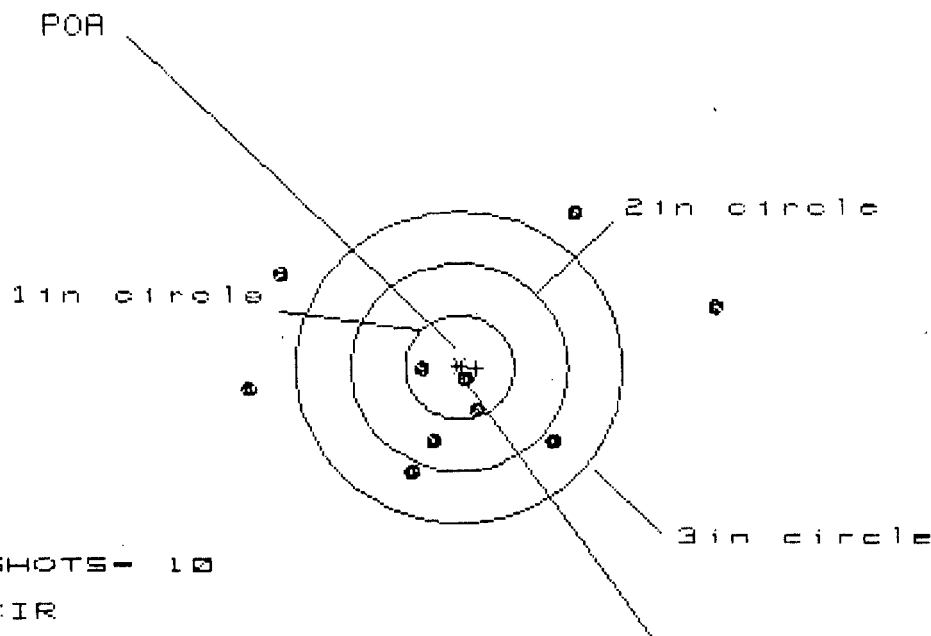
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.742	.542	.485
MINIMUM X	-1.012	-.819	-.876
MAXIMUM Y	1.387	1.425	1.193
MINIMUM Y	-1.076	-1.038	-.860
CENTROID X	.002	-.191	-.134
CENTROID Y	.455	.417	.239
POA TO CENTROID in.	.455	.459	.274
MIN RADIUS	.326	.256	.254
MEAN RADIUS	.962	.847	.728
MAX RADIUS	1.774	1.497	1.287
HORIZONTAL SPREAD	2.754	1.361	1.361
VERTICAL SPREAD	2.463	2.463	2.053
EXTREME SPREAD	2.814	2.577	2.067
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

26 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346748

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 6

HS= 4.356

VS= 2.515

GS= 4.425

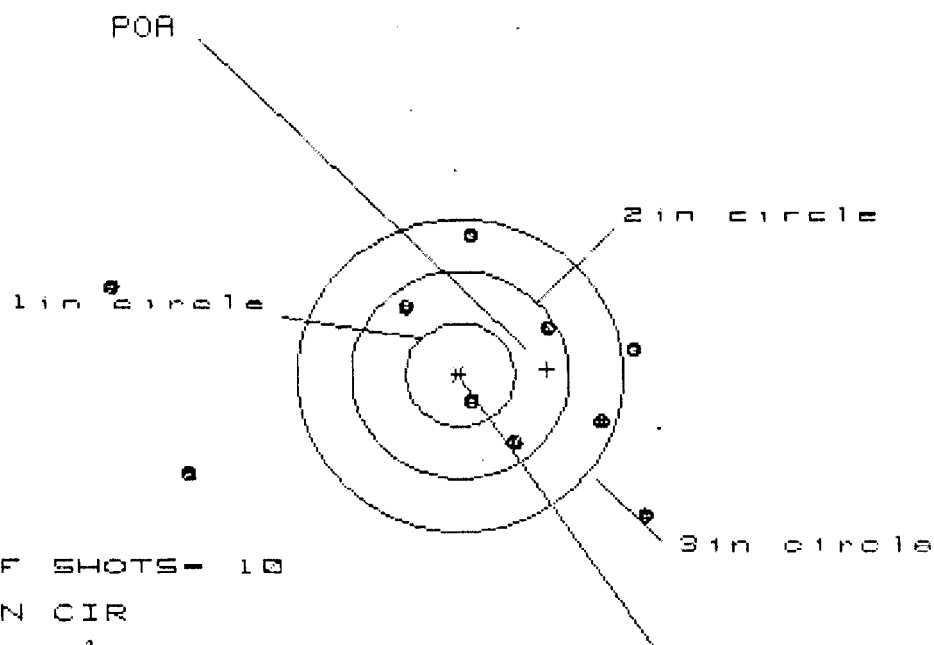
CENTROID.*

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.401	1.305	1.094
MINIMUM X	-1.955	-1.688	-1.608
MAXIMUM Y	1.518	1.585	1.571
MINIMUM Y	-.997	-.930	-.945
CENTROID X	-.157	-.424	-.213
CENTROID Y	.009	-.058	-.043
POA TO CENTROID in.	.157	.428	.217
MIN RADIUS	.083	.079	.085
MEAN RADIUS	1.194	1.031	.921
MAX RADIUS	2.475	2.053	1.914
HORIZONTAL SPREAD	4.356	2.993	2.702
VERTICAL SPREAD	2.515	2.515	2.515
EXTREME SPREAD	4.425	3.442	3.027
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

26 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348748

CENTERFIRE PATTERNS # 5



HS- 4.838
VS- 2.694
GS- 5.298

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.685	1.335	.982
MINIMUM X	:	-3.153	-2.822	-1.231
MAXIMUM Y	:	1.396	1.492	1.384
MINIMUM Y	:	-1.298	-1.202	-1.310
CENTROID X	:	-.802	-.452	-.099
CENTROID Y	:	-.053	-.149	-.041
POA TO CENTROID in.	:	.804	.476	.107
MIN RADIUS	:	.262	.253	.439
MEAN RADIUS	:	1.530	1.249	.991
MAX RADIUS	:	3.268	2.952	1.638
HORIZONTAL SPREAD	:	4.838	4.157	2.213
VERTICAL SPREAD	:	2.694	2.694	2.694
EXTREME SPREAD	:	5.298	4.222	3.111
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

RECEIVING AND ESTIMATING REPORT

CUSTOMER ORDER NO.		COMMENTS M-24 SNIPER W/LEUPOLD 10X SCOPE	
RECEIVED 29/90	DATE OPENED 10/29/90	DATE CODE	SERIAL NUMBER C6348748 MODEL AND GRADE 700 7.62 NATO
SERIES HARD CASE		ORDER R 90-28390	

1: 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 ASDF-SFC-F-PBO
APO
NY
09050

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

CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
CONDITION: ☐ NEW ☐ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED					

MER'S REQUEST

Repaired per Government Maintenance letter 90-6

FAULT ... *Refined 11/1/91*

[illegible]

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400063095