

C6587545

MODEL 700™ M24

Model **SWS**™

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: **RE00089042** Serial: C6587545 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 12/6/2004 7:56:32 AM

Verify Repair

Address Information

Customer: (X) Received From Return To (X) Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **DEF DIST DEPOT ANNISTON AL** **DEF DIST DEPOT ANNISTON AL**

Address 2: **PO Box:** **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: **NA**

Fax:

Email:

Comments:

Received Condition: **1**

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Studs	3
A010	Hard Case	1
A026	Scope w/case	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	3

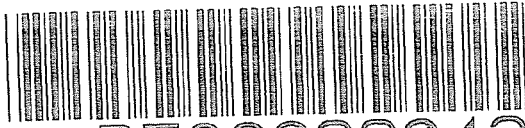
Repair Search Refresh Close

regal 12/6/2004 8:55 AM CAPS NUM INS SCAL

start 2 2 2 2 2 2 2 2

Serial Number: **C6587545**

Model: **M24 SWS**



RE00089042

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587545.__0

FILE DATE AND TIME: 01/11/2005 11:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

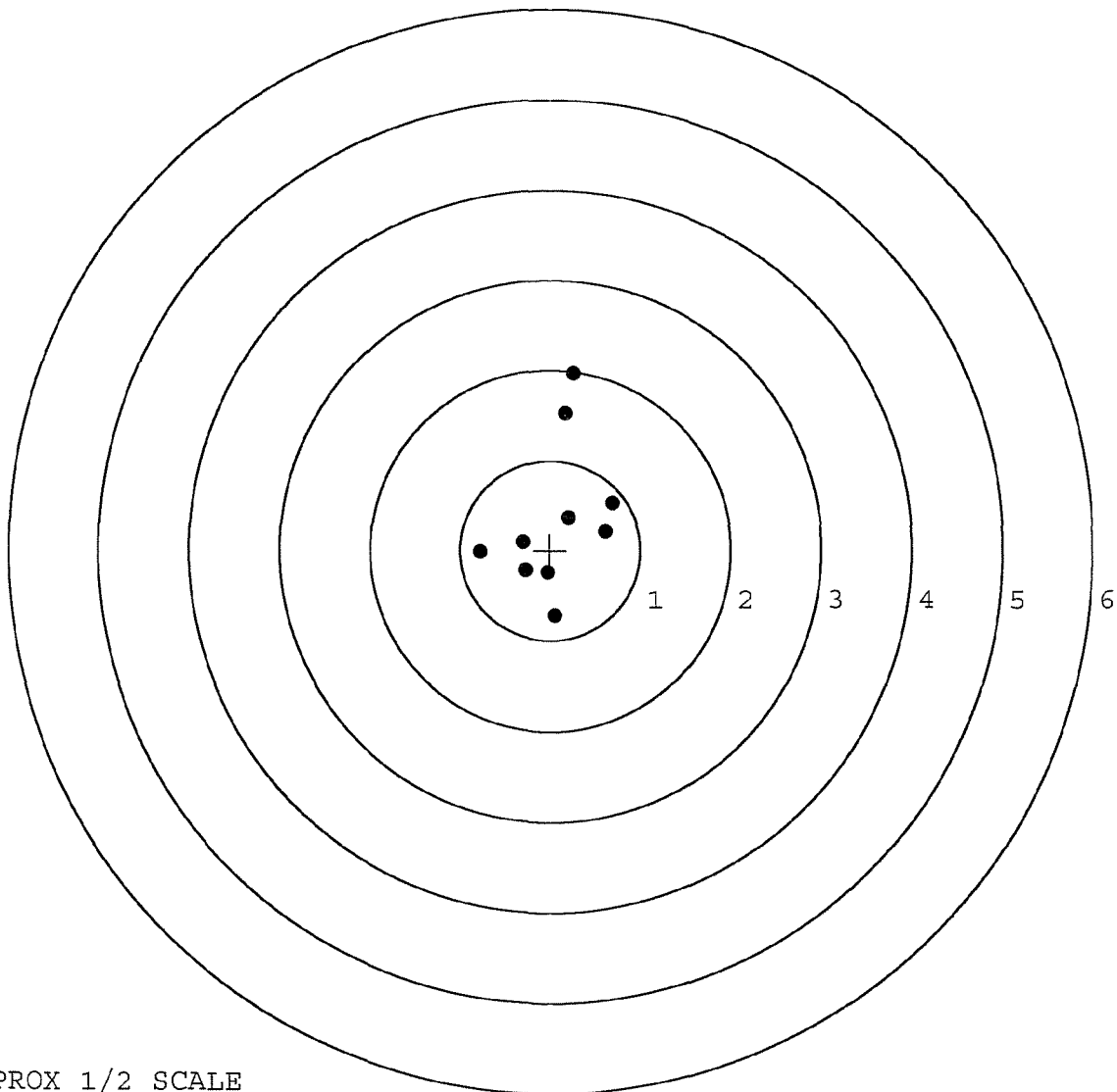
The Average X Centroid of the Five Target Set:	0.066
The Average Y Centroid of the Five Target Set:	0.054
The Average Point of Impact of the Five Target Set:	0.085
The Average Mean Radius of the Five Target Set:	0.771
The Distance from POA to Centroid Target #1:	0.348
The Distance from Centroid Target #2 to Centroid Target #1:	0.389
The Distance from Centroid Target #3 to Centroid Target #1:	0.641
The Distance from Centroid Target #4 to Centroid Target #1:	0.371
The Distance from Centroid Target #5 to Centroid Target #1:	0.171

SERIAL NUMBER: C6587545. __0
TARGET NUMBER: 1
FILE DATE: 01/11/2005
FILE TIME: 11:19

X CENTROID: 0.061
Y CENTROID: 0.343
POA TO CENTROID: 0.348
HORZ SPREAD: 1.468
VERT SPREAD: 2.692
GROUP SPREAD: 2.700
MIN RADIUS: 0.140
MAX RADIUS: 1.633
MEAN RADIUS: 0.788

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.616	0.208
2:	0.690	0.523
3:	0.200	0.360
4:	0.056	-0.729
5:	-0.027	-0.253
6:	-0.280	-0.231
7:	-0.305	0.089
8:	-0.778	-0.024
9:	0.172	1.521
10:	0.263	1.963

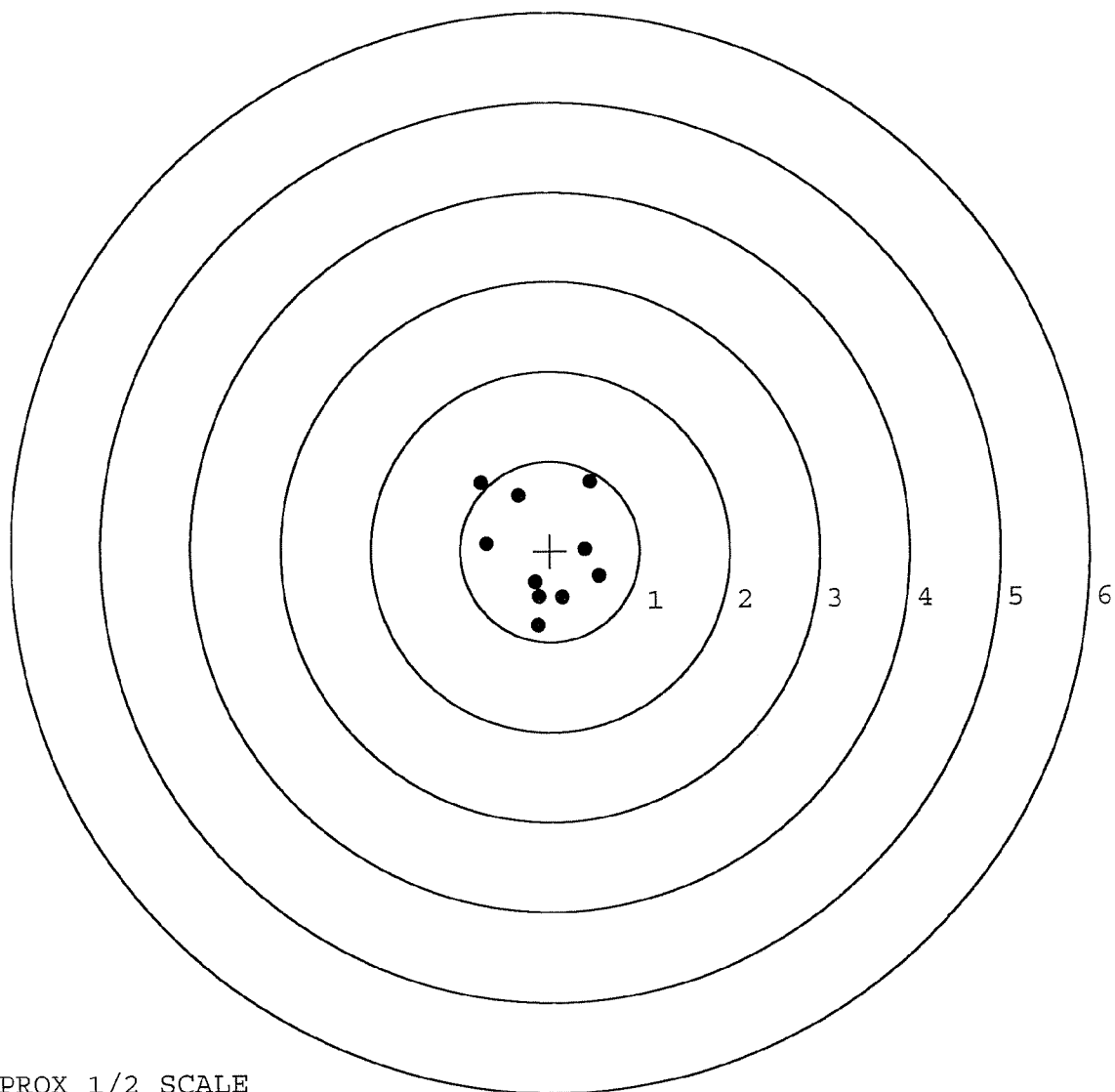


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587545. __0
TARGET NUMBER: 2
FILE DATE: 01/11/2005
FILE TIME: 11:19

X CENTROID: -0.073
Y CENTROID: -0.023
POA TO CENTROID: 0.077
HORZ SPREAD: 1.306
VERT SPREAD: 1.590
GROUP SPREAD: 1.700
MIN RADIUS: 0.342
MAX RADIUS: 1.044
MEAN RADIUS: 0.665
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.457	0.768
2:	-0.351	0.618
3:	-0.760	0.763
4:	-0.709	0.085
5:	0.546	-0.281
6:	0.392	0.017
7:	0.135	-0.518
8:	-0.169	-0.351
9:	-0.129	-0.507
10:	-0.145	-0.822



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587545.___0

TARGET NUMBER: 3

FILE DATE: 01/11/2005

FILE TIME: 11:19

POINT#	X	Y
1:	0.462	-1.546
2:	0.153	-1.742
3:	0.770	-0.945
4:	-0.025	-0.660
5:	-0.459	-0.421
6:	-0.380	-0.074
7:	-0.306	0.253
8:	-0.439	0.722
9:	-0.004	0.833
10:	0.484	0.611

X CENTROID: 0.026

Y CENTROID: -0.297

POA TO CENTROID: 0.298

HORZ SPREAD: 1.229

VERT SPREAD: 2.575

GROUP SPREAD: 2.580

MIN RADIUS: 0.367

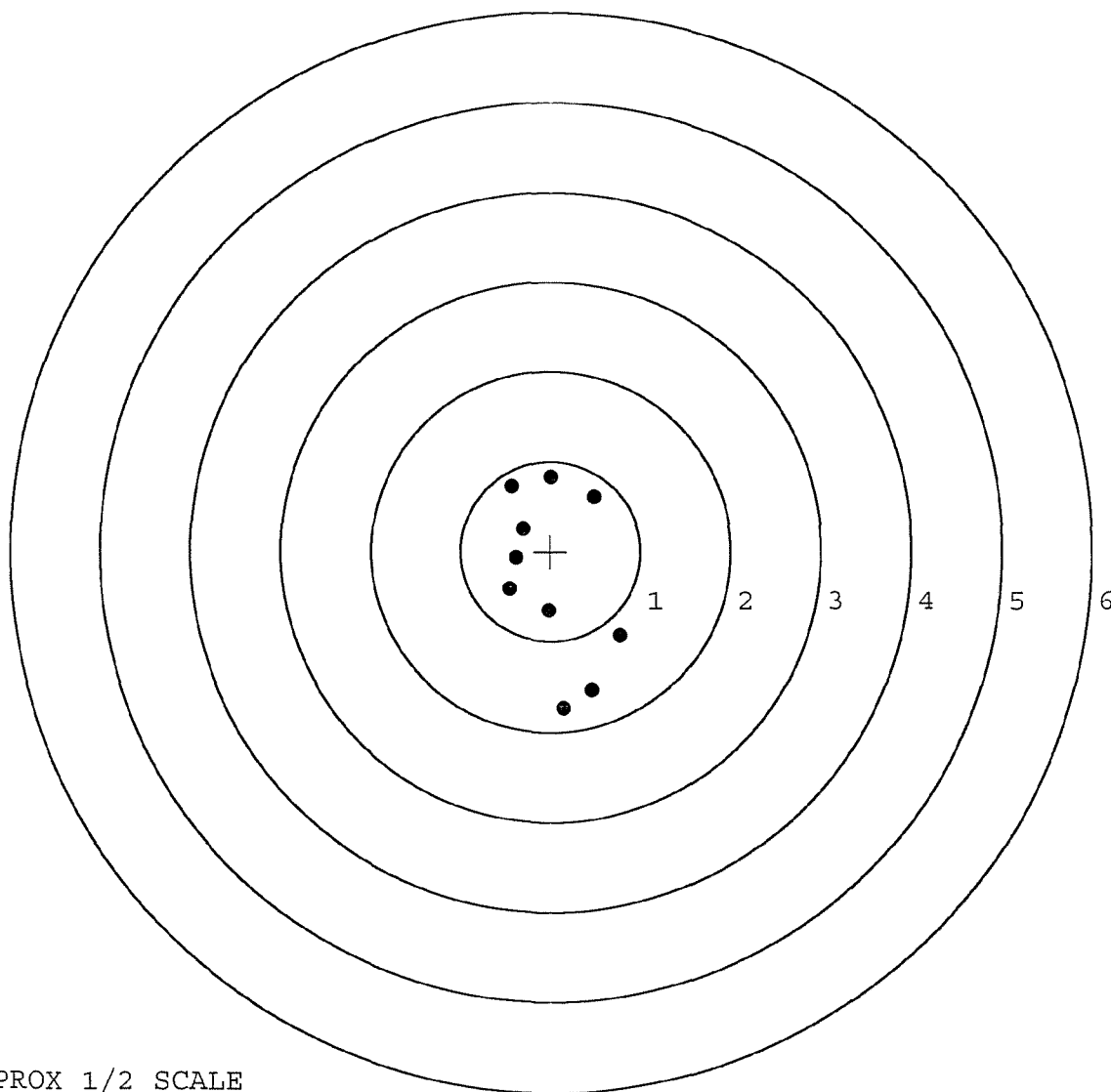
MAX RADIUS: 1.451

MEAN RADIUS: 0.900

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587545. 0

TARGET NUMBER: 4

FILE DATE: 01/11/2005

FILE TIME: 11:19

X CENTROID: 0.100

Y CENTROID: -0.026

POA TO CENTROID: 0.104

HORZ SPREAD: 1.660

VERT SPREAD: 2.251

GROUP SPREAD: 2.675

MIN RADIUS: 0.277

MAX RADIUS: 1.475

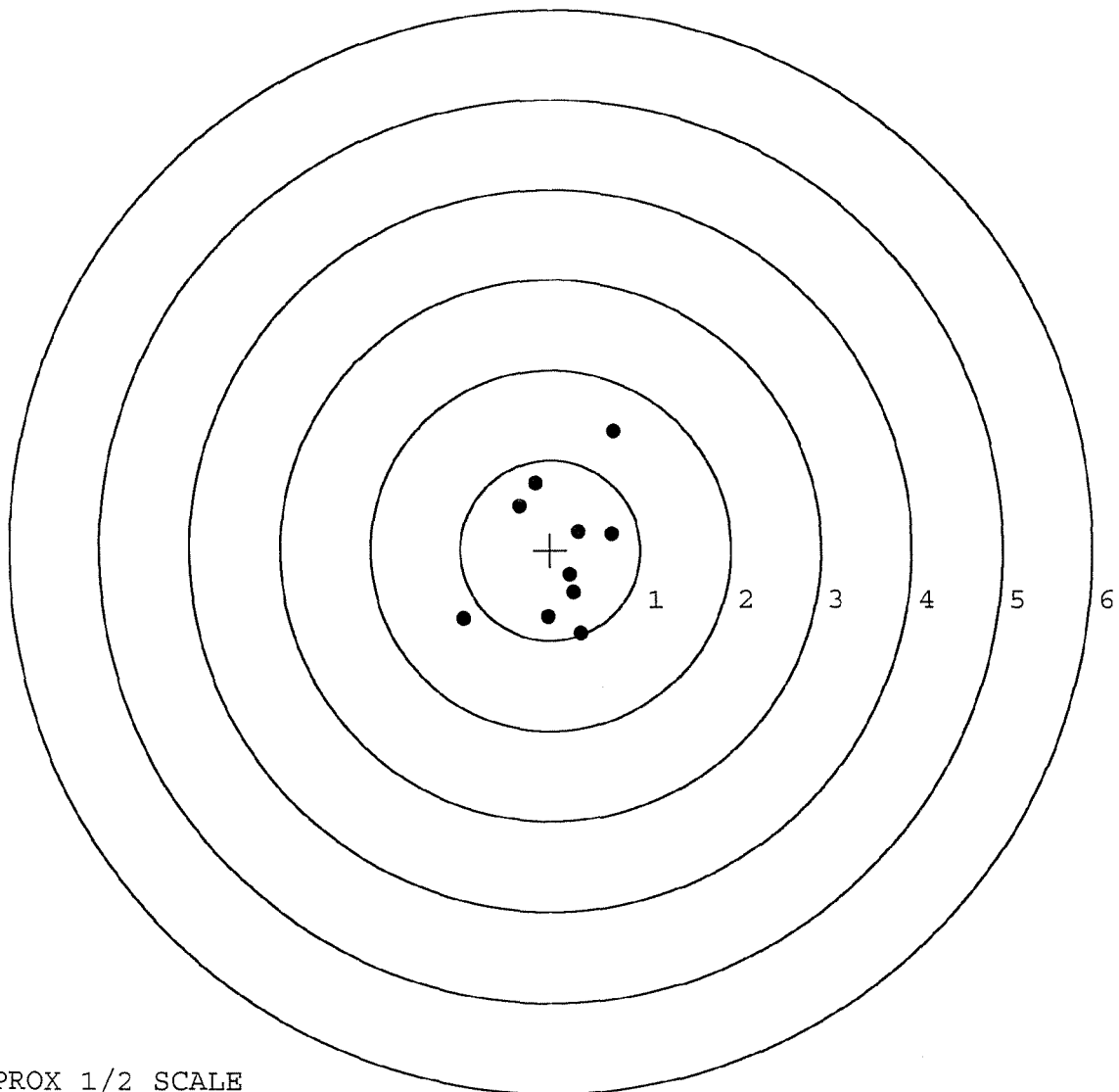
MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.696	1.324
2:	-0.172	0.744
3:	-0.353	0.480
4:	0.316	0.206
5:	0.684	0.182
6:	0.214	-0.278
7:	0.260	-0.475
8:	0.344	-0.927
9:	-0.021	-0.741
10:	-0.964	-0.773



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587545. __0

TARGET NUMBER: 5

FILE DATE: 01/11/2005

FILE TIME: 11:19

POINT#	X	Y
1:	0.374	2.064
2:	-0.654	0.517
3:	-0.123	0.454
4:	-0.172	0.159
5:	-0.230	-0.111
6:	-0.043	-0.363
7:	0.879	-0.217
8:	0.424	-0.205
9:	0.887	0.119
10:	0.826	0.314

X CENTROID: 0.217

Y CENTROID: 0.273

POA TO CENTROID: 0.349

HORZ SPREAD: 1.541

VERT SPREAD: 2.427

GROUP SPREAD: 2.463

MIN RADIUS: 0.385

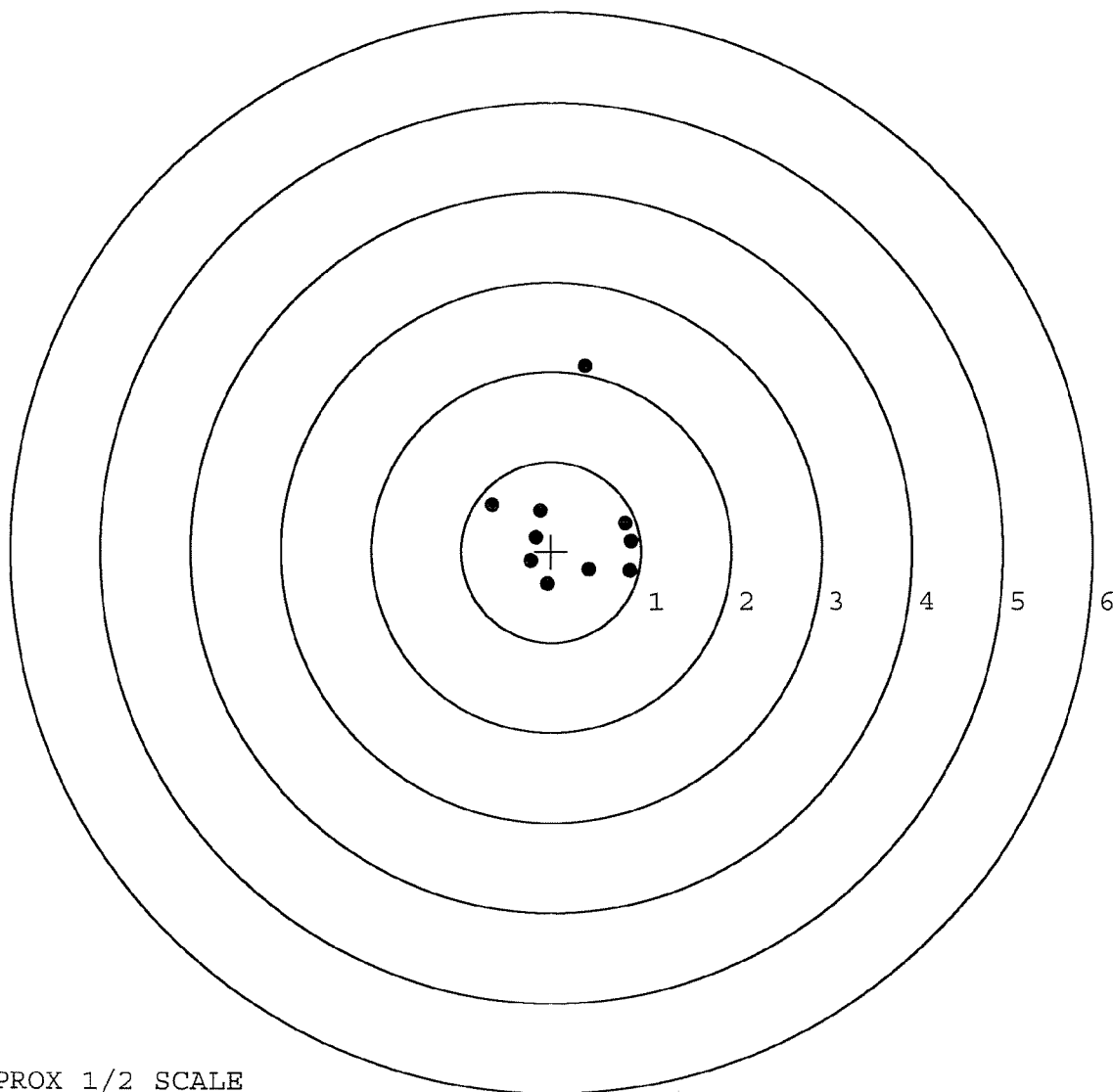
MAX RADIUS: 1.798

MEAN RADIUS: 0.741

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	89042		
SERIAL NUMBER	C6587545		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-8-04	RTZ
560 A	RE-BARREL	12-15-04	RTZ
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTZ
600	PROOF	12-16-04	RTZ
605	CHECK HEADSPACE	12-16-04	RTZ
610	DIS-ASSEMBLE GUN	12-27-04	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-06-05	RTZ
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-11-05	TRW
655	FINAL INSPECT	1-12-05	AC
660	PACK	3-1-05	DA
		SHIP DATE	
QAR INSPECTION DATE			



MODEL 700™ **H24**

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

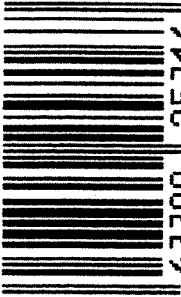


REG. U.S. PAT. & T.M. OFF.

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

SERIAL NO. C6587545	20
ORDER NO. 5716	

UPC



0 47700 25716 7



5716 C6587545

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587545

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY ASSURANCE	1228 90	RW
600	Proof		1228 90	RW
607	Check Headspace		1228 90	RW
610	Dis-assemble Gun		1228 90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	GB
617	Drill and Tap Sight Holes		1 10 91	KB
618	Polish Barrel		1 10 91	KB
620	Apply Coatings (Barrel Action)		1-26-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	RW
	C) Inspect Ejector Hole for Chamfer		1/28/91	RW
	D) Oil Firing Pin Ass'y		1/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-6-91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			2/6/91	WB
	G) Safety Off Force	2	2	2			2/6/91	WB
	H) Trigger Pull Test & Retainability						2-6-91	JM
	I) Firing Pin Indent	.021	.021	.021			2/6/91	WB
	J) Assemble Stock						2/7/91	RW
	K) Assemble Swivel Studs						2-21-91	AC
	L) Attach Front and Rear Sight Assemblies						2/7/91	RW
	M) Iron Sight Alignment						2/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/7/91	RW
	O) Attach Scope to Rifle						2/7/91	RW
	P) Detach & Attach Scope 20 Times						2/7/91	RW
640	Gallery Target & Test						2/7/91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						2/7/91	KJ
655	Final Inspection						2-21-91	AC
	A) Headspace						2-21-91	AC
	B) Trigger Pull	2.36	2.48	2.50	2.48	2.43	2/15/91	WB
	C) Function						2-21-91	AC
660	Pack						3/15/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587345

DATE 2-6-91

TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.23	2.48	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.49	2.45	2.48	
PULL #3	2.34	2.14	2.50	2.50	
PULL #4	2.21	2.50	2.47	2.48	
PULL #5	2.17	2.50	2.50	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.30		
PULL #2	3.32	3.21		
PULL #3	3.34	3.24		
PULL #4	3.31	3.18		
PULL #5	3.15	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.35		4.49
PULL #2	4.19	4.51		4.51
PULL #3	4.18	4.48		4.20
PULL #4	4.46	4.31		4.35
PULL #5	4.22	4.41		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587545
8 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.0724707
1 TO	2	.158777
1 TO	3	.101553
1 TO	4	.0992472
1 TO	5	.126151

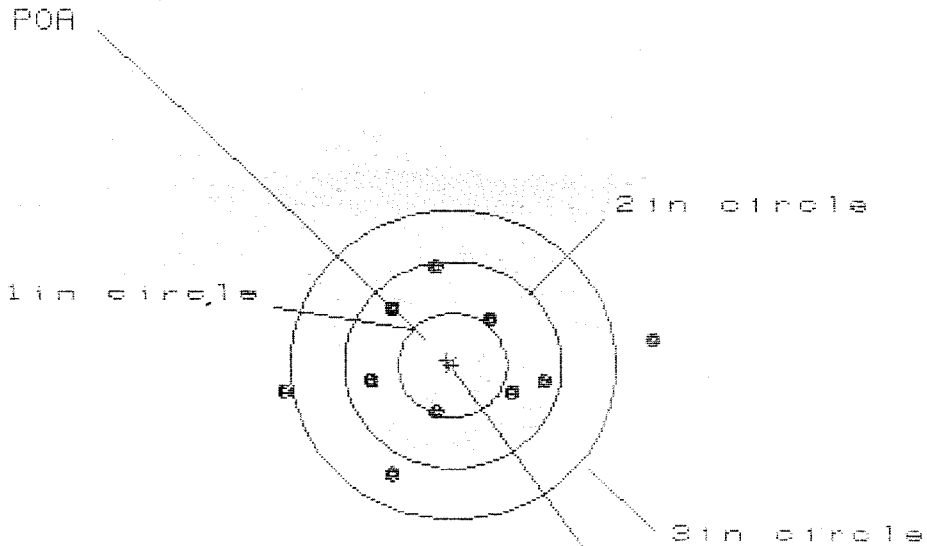
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0024
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0678
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0678425
THE AMR FOR THIS RIFLE IS: .8444

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/G8587545

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 3.396

VS= 1.959

GS= 3.431

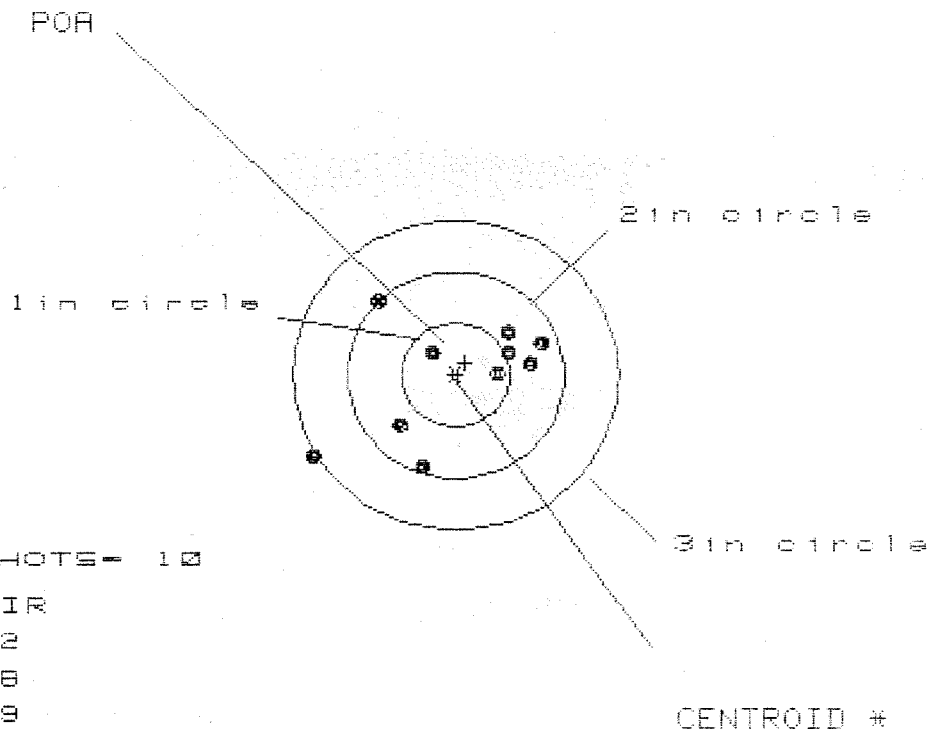
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.839	1.064	.895
MINIMUM X	:	-1.557	-1.352	-.713
MAXIMUM Y	:	.946	.972	.943
MINIMUM Y	:	-1.013	-.987	-1.016
CENTROID X	:	.056	-.149	.020
CENTROID Y	:	-.046	-.072	-.043
POA TO CENTROID in.	:	.072	.165	.047
MIN RADIUS	:	.451	.403	.443
MEAN RADIUS	:	.957	.847	.767
MAX RADIUS	:	1.854	1.372	1.129
HORIZONTAL SPREAD	:	3.396	2.416	1.608
VERTICAL SPREAD	:	1.959	1.959	1.959
EXTREME SPREAD	:	3.431	2.420	2.002
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587545

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.153

VS= 1.638

GS= 2.482

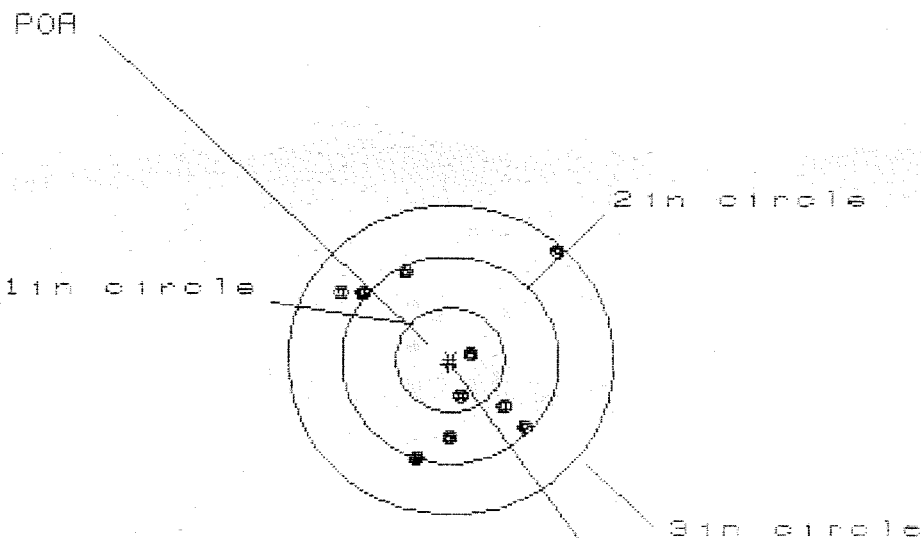
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.831	.684	.579
MINIMUM X	:	-1.322	-.837	-.813
MAXIMUM Y	:	.756	.673	.386
MINIMUM Y	:	-.882	-.965	-.880
CENTROID X	:	-.087	.060	.165
CENTROID Y	:	-.115	-.032	-.117
POA TO CENTROID in.	:	.144	.068	.202
MIN RADIUS	:	.270	.280	.184
MEAN RADIUS	:	.778	.651	.579
MAX RADIUS	:	1.519	1.074	1.025
HORIZONTAL SPREAD	:	2.153	1.521	1.392
VERTICAL SPREAD	:	1.638	1.638	1.266
EXTREME SPREAD	:	2.482	1.690	1.629
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587545

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.936

VS= 1.999

GS= 2.354

CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.945	.798	.687
MINIMUM X	-.991	-.886	-.794
MAXIMUM Y	1.019	.937	1.028
MINIMUM Y	-.980	-.866	-.775
CENTROID X	.013	-.092	.019
CENTROID Y	.046	-.068	-.159
POA TO CENTROID in.	.047	.114	.160
MIN RADIUS	.205	.335	.192
MEAN RADIUS	.848	.782	.694
MAX RADIUS	1.390	1.149	1.175
HORIZONTAL SPREAD	1.936	1.684	1.481
VERTICAL SPREAD	1.999	1.803	1.803
EXTREME SPREAD	2.354	2.093	1.962
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

B Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587545

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 9

HS= 2.577

VS= .950

GS= 2.589

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.998	.823	.528
MINIMUM X	-1.579	-.461	-.359
MAXIMUM Y	.517	.510	.470
MINIMUM Y	-.433	-.440	-.480
CENTROID X	-.043	.132	.030
CENTROID Y	-.053	-.046	-.006
POA TO CENTROID in.	.068	.140	.030
MIN RADIUS	.301	.281	.353
MEAN RADIUS	.647	.536	.482
MAX RADIUS	1.580	.882	.673
HORIZONTAL SPREAD	2.577	1.284	.887
VERTICAL SPREAD	.950	.950	.950
EXTREME SPREAD	2.589	1.494	1.160
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587545

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.215

VS= 3.357

GS= 3.357

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.977

1.032

.885

MINIMUM X

-1.238

-1.130

-1.001

MAXIMUM Y

1.934

1.325

1.174

MINIMUM Y

-1.423

-1.208

-.607

CENTROID X

.073

-.035

-.164

CENTROID Y

-.171

-.386

-.235

POA TO CENTROID in.

.186

.387

.286

MIN RADIUS

.180

.273

.177

MEAN RADIUS

.992

.820

.717

MAX RADIUS

2.166

1.589

1.265

HORIZONTAL SPREAD

2.215

2.162

1.886

VERTICAL SPREAD

3.357

2.533

1.781

EXTREME SPREAD

3.357

2.625

2.073

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

8

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587545
12 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.27777
1 TO	2	.0902441
1 TO	3	.241299
1 TO	4	.0870919
1 TO	5	.139129

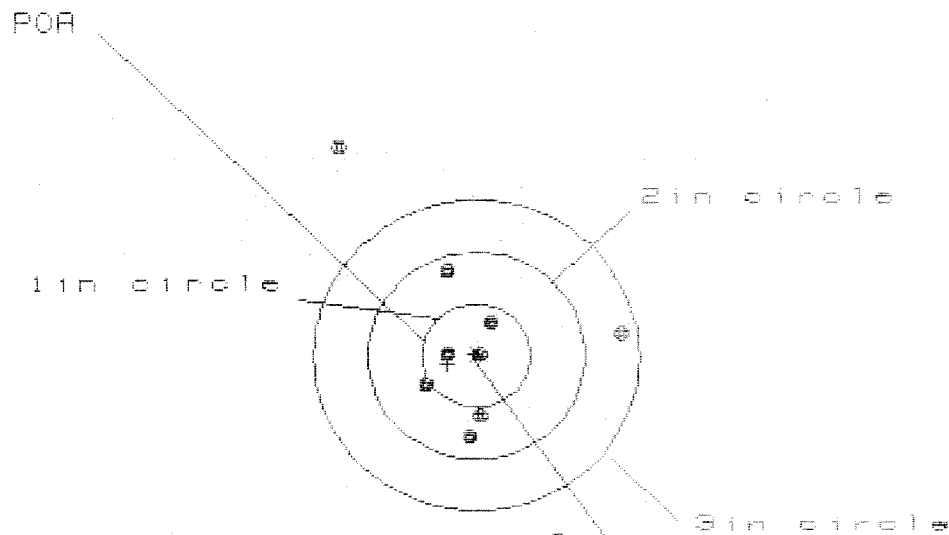
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1896
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .025
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .191241
THE AMR FOR THIS RIFLE IS: .8664

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587545.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.675

VS= 3.776

GS= 4.273

CENTROID #

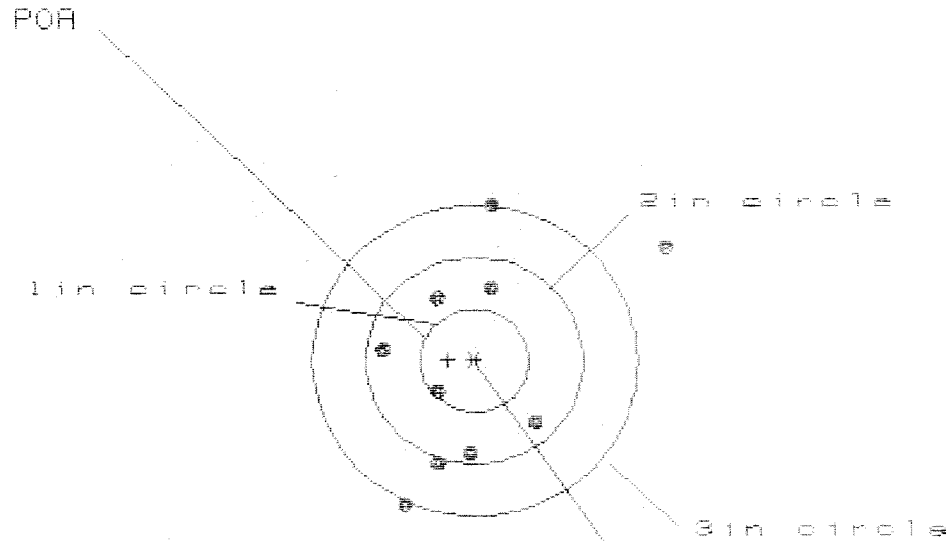
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.372	1.227	1.296
MINIMUM X	:	-1.303	-.655	-.586
MAXIMUM Y	:	2.033	1.069	.879
MINIMUM Y	:	-1.743	-1.517	-1.777
CENTROID X	:	.266	.411	.342
CENTROID Y	:	.080	-.146	.044
POR TO CENTROID in.	:	.278	.436	.344
MIN RADIUS	:	.024	.279	.083
MEAN RADIUS	:	.923	.781	.632
MAX RADIUS	:	2.415	1.615	1.328
HORIZONTAL SPREAD	:	2.675	1.982	1.882
VERTICAL SPREAD	:	3.776	2.586	1.656
EXTREME SPREAD	:	4.273	2.757	1.962
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587545.1

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.551

VS= 2.838

GS= 3.420

CENTROID #

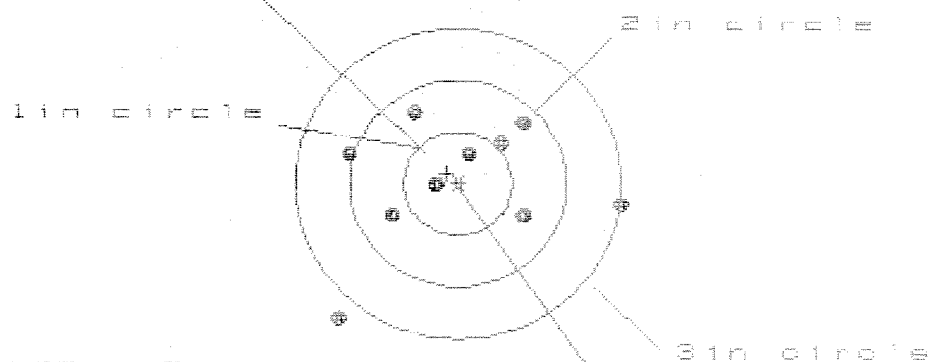
PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.736	.702	.644
MINIMUM X	-.815	-.622	-.680
MAXIMUM Y	1.492	1.614	1.461
MINIMUM Y	-1.346	-1.224	-.986
CENTROID X	.246	.053	.111
CENTROID Y	-.008	-.100	.023
POA TO CENTROID in.	.246	.140	.114
MIN RADIUS	.487	.268	.420
MEAN RADIUS	1.038	.883	.838
MAX RADIUS	2.053	1.641	1.480
HORIZONTAL SPREAD	2.551	1.324	1.324
VERTICAL SPREAD	2.838	2.838	2.447
EXTREME SPREAD	3.420	2.939	2.484
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587545.1

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.574

VS= 2.029

GS= 2.808

CENTROID #

PATTERN #

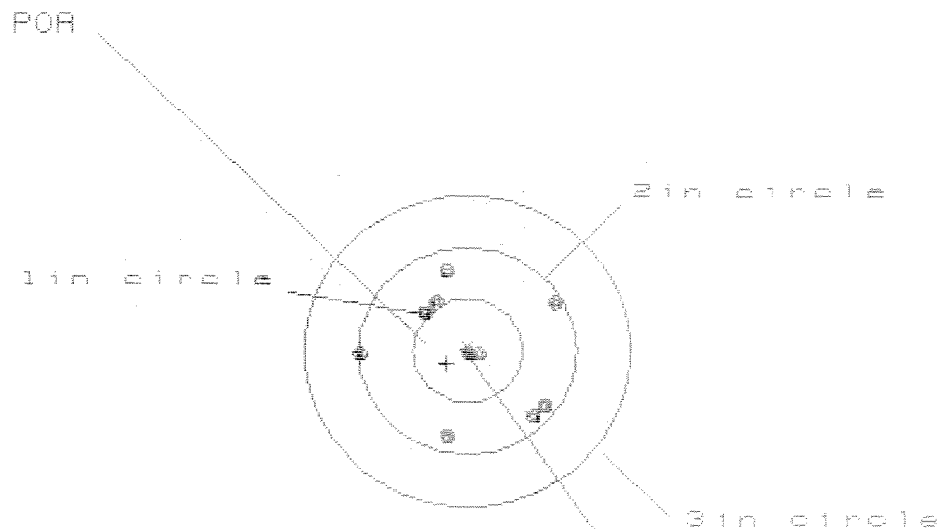
3

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.509	1.398	.698
MINIMUM X	:	-1.065	-1.103	-.929
MAXIMUM Y	:	.681	.532	.485
MINIMUM Y	:	-1.348	-.494	-.541
CENTROID X	:	.102	.221	.047
CENTROID Y	:	-.097	.052	.099
FOR TO CENTROID in.	:	.141	.227	.110
MIN RADIUS	:	.250	.139	.194
MEAN RADIUS	:	.839	.711	.608
MAX RADIUS	:	1.718	1.440	.935
HORIZONTAL SPREAD	:	2.574	2.493	1.627
VERTICAL SPREAD	:	2.029	1.026	1.026
EXTREME SPREAD	:	2.808	2.548	1.749
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587545.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.782

VS= 1.619

GS= 1.861

CENTROID #

PATTERN #

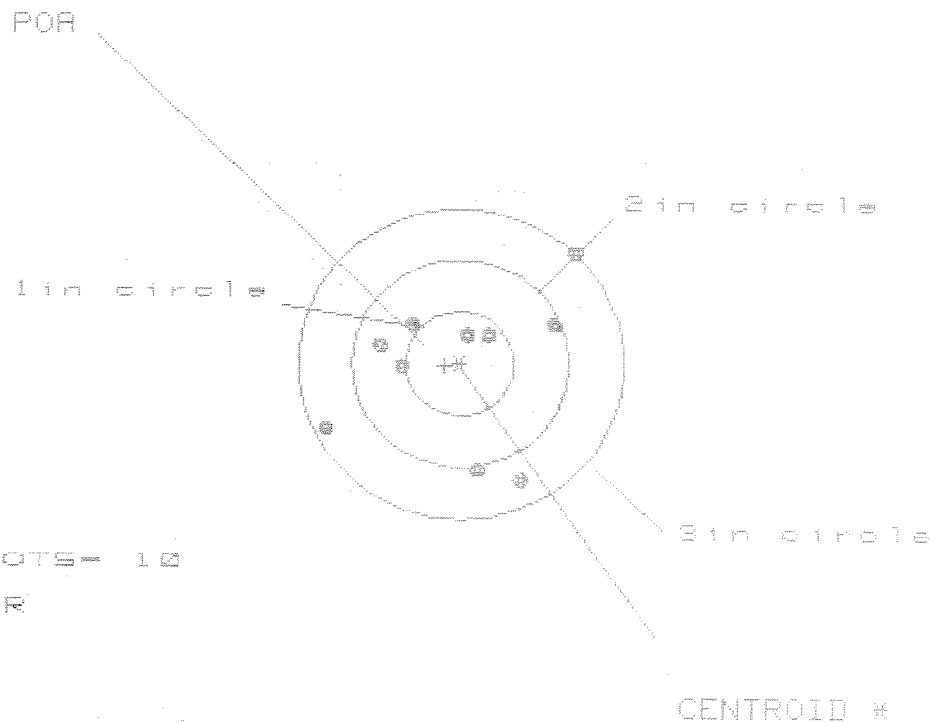
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.769	.657	.642
MINIMUM X	-1.013	-.544	-.462
MAXIMUM Y	.753	.750	.812
MINIMUM Y	-.866	-.869	-.807
CENTROID X	.194	.306	.224
CENTROID Y	.129	.132	.070
POA TO CENTROID in.	.233	.334	.235
MIN RADIUS	.033	.068	.052
MEAN RADIUS	.658	.620	.580
MAX RADIUS	1.013	.929	.843
HORIZONTAL SPREAD	1.782	1.201	1.104
VERTICAL SPREAD	1.619	1.619	1.619
EXTREME SPREAD	1.861	1.687	1.619
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587545.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.295

VS= 2.254

GS= 2.858

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.052	.958	.817
MINIMUM X	-1.243	-1.126	-.723
MAXIMUM Y	1.123	.547	.490
MINIMUM Y	-1.131	-1.006	-1.064
CENTROID X	.140	.023	.164
CENTROID Y	.021	-.104	-.047
POA TO CENTROID in.	.141	.106	.170
MIN RADIUS	.284	.442	.346
MEAN RADIUS	.874	.804	.741
MAX RADIUS	1.539	1.220	1.197
HORIZONTAL SPREAD	2.295	2.084	1.540
VERTICAL SPREAD	2.254	1.553	1.553
EXTREME SPREAD	2.858	2.308	1.879
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R94-18054

INITIAL

CUSTOMER ORDER NO.

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT

FDC

DAAA09-92-C-0834

ATTN: FRED MARTIN

DATE RECEIVED
06/09/94

DATE OPENED
06/09/94

DATE CODE

SERIAL NUMBER
C6587545

NEW SERIAL NUMBER

MODEL AND GRADE
700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL
36201-5025

CUST NO: 098397 C.OJD

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

Trigger Assy \$173.31
CTI 50.00
\$223.31

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400022507

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CL6587545

DATE 10-25-94

TESTER BM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.71	2.78		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.72	2.88	2.90		
PULL #3	2.84	2.69	2.85		
PULL #4	2.81	2.68	2.88		
PULL #5	2.82	2.25	2.80		
TOTAL	13.93	13.71	14.21		
AVG.	2.78	2.74	2.84		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.16		
PULL #2	3.30	3.23		
PULL #3	3.30	3.24		
PULL #4	3.31	3.23		
PULL #5	3.27	3.21		
TOTAL	16.35	16.07		
AVG.	3.27	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.30		4.11
PULL #2	4.29	4.33		4.22
PULL #3	4.31	4.31		4.18
PULL #4	4.34	4.36		4.20
PULL #5	4.34	4.35		4.18
TOTAL	21.59	21.65		20.89
AVG.	4.31	4.33		4.17

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587545

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			WB	12/14
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			WB	12/14
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.61	2.67	2.61	2.56	2.61	12/14	WB
	C) Function							
660	Pack							